

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0122623\
 Data File : P0100769.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2023 00:11
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 00:49:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0122023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 21 04:28:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.348	3.644	159.8E6	100.8E6	51.206	49.337
2) SA Decachlor...	10.089	8.704	106.9E6	77556938	51.164	51.384
Target Compounds						
3) L1 AR-1016-1	5.516	4.739	1506771	1132224	17.556	18.296
4) L1 AR-1016-2	5.541	4.757	1815989	874482	14.226	9.918 #
5) L1 AR-1016-3	5.600	4.938	817212	828935	10.362	17.744 #
6) L1 AR-1016-4	5.698	4.979	653327	23609413	10.721	575.305 #
7) L1 AR-1016-5	5.995	5.194	17518675	17432694	286.185	335.587
8) L2 AR-1221-1	4.557	3.868	474466	255172	12.835	10.161
9) L2 AR-1221-2	4.653	3.947	2644383	1750488	95.220	91.160
10) L2 AR-1221-3	4.721	4.021	1065400	418685	12.765	7.115 #
11) L3 AR-1232-1	4.721	4.021	1065400	418685	15.980	8.855 #
12) L3 AR-1232-2	5.248	4.757	1379968	874482	39.361	20.966 #
13) L3 AR-1232-3	5.541	4.938	1815989	828935	30.436	38.638 #
14) L3 AR-1232-4	5.698	5.020	653327	8474220	23.827	398.845 #
15) L3 AR-1232-5	5.790	5.194	31844325	17432694	1324.476	797.705 #
16) L4 AR-1242-1	5.516	4.739	1506771	1132224	21.363	21.678
17) L4 AR-1242-2	5.541	4.757	1815989	874482	17.301	12.066 #
18) L4 AR-1242-3	5.600	4.938	817212	828935	12.572	21.634 #
19) L4 AR-1242-4	5.698	5.020	653327	8474220	13.046	203.309 #
20) L4 AR-1242-5	6.442	5.550	17287335	53369869	334.011	1162.879 #
21) L5 AR-1248-1	5.516	4.739	1506771	1132224	27.466	28.314
22) L5 AR-1248-2	5.790	4.979	31844325	23609413	368.707	392.427
23) L5 AR-1248-3	5.995	5.020	17518675	8474220	199.590	135.567 #
24) L5 AR-1248-4	6.399	5.194	23134678	17432694	257.318	242.018
25) L5 AR-1248-5	6.442	5.591	17287335	7381478	192.594	119.651 #
26) L6 AR-1254-1	6.373	5.550	49719915	53369869	472.989	520.023
27) L6 AR-1254-2	6.593	5.698	72939788	47402792	493.967	515.969
28) L6 AR-1254-3	6.960	6.106	72225572	69417653	515.794	513.299
29) L6 AR-1254-4	7.246	6.336	46359105	38838631	545.319	538.444
30) L6 AR-1254-5	7.667	6.757	57647431	60184590	487.190	522.329
31) L7 AR-1260-1	7.125	6.237	28233878	34426753	206.091	361.422 #
32) L7 AR-1260-2	7.382	6.426	29568110	26653155	235.098	247.974
33) L7 AR-1260-3	7.726	6.580	7277943	27442009	75.135	267.735 #
34) L7 AR-1260-4	7.956	7.056	20206856	2987365	191.487	36.643 #
35) L7 AR-1260-5	8.287	7.298	9208181	6382509	43.622	35.365
36) L8 AR-1262-1	7.667	6.757	57647431	60184590	577.052	964.828 #
37) L8 AR-1262-2	8.287	7.056	9208181	2987365	38.803	26.436 #
38) L8 AR-1262-3	8.611	7.584	6791298	47433	41.818	0.616 #
39) L8 AR-1262-4	8.682	7.647	1245479	6275338	9.660	42.478 #
40) L8 AR-1262-5	9.344	8.145	115240	746468	1.444	11.672 #
41) L9 AR-1268-1	8.611	7.584	6791298	47433	24.035	0.214 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0122623\
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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 00:49:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0122023.M
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 Response via : Initial Calibration
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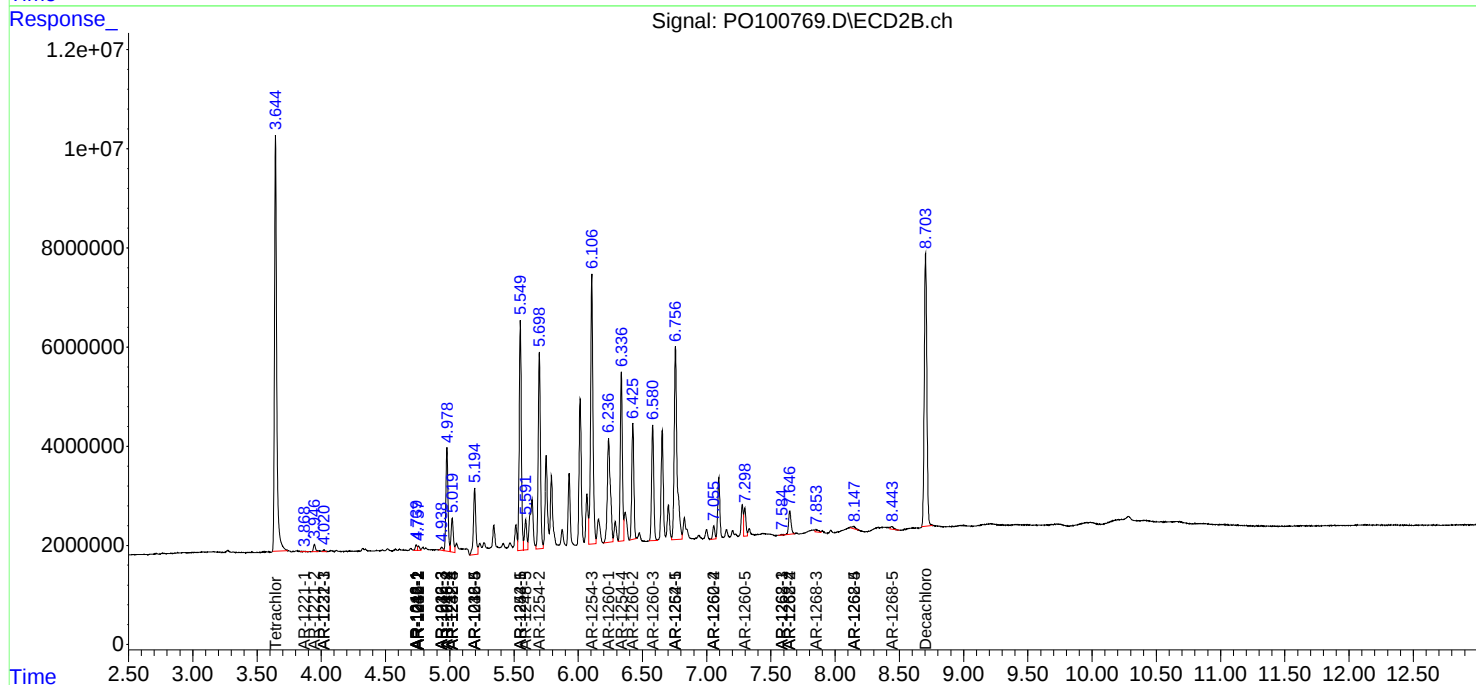
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

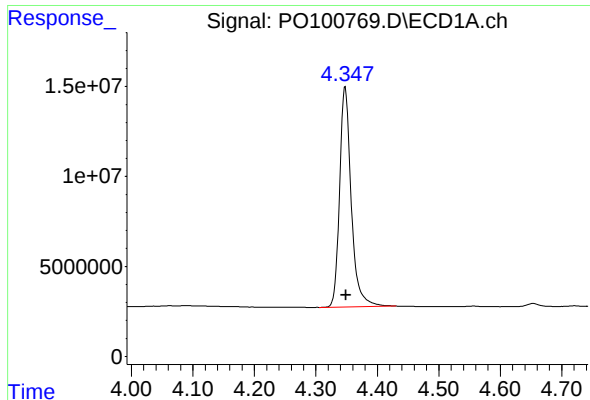
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.682	7.647	1245479	6275338	4.928	31.026 #
43) L9	AR-1268-3	8.927	7.853	130851	926381	0.573	4.910 #
44) L9	AR-1268-4	9.344	8.145	115240	746468	1.472	11.118 #
45) L9	AR-1268-5	9.750	8.443	295623	870270	0.412	1.677 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
ECD_O
ClientSampleId :

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

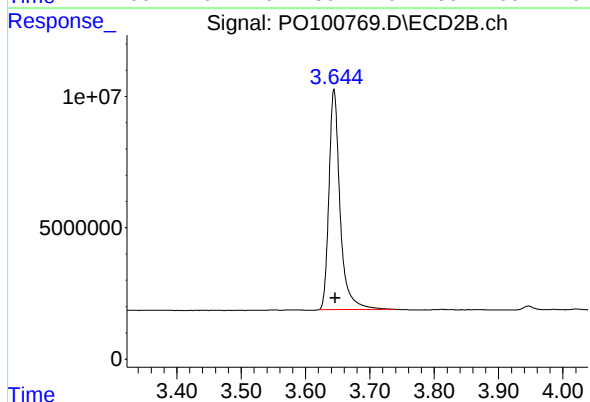




#1 Tetrachloro-m-xylene

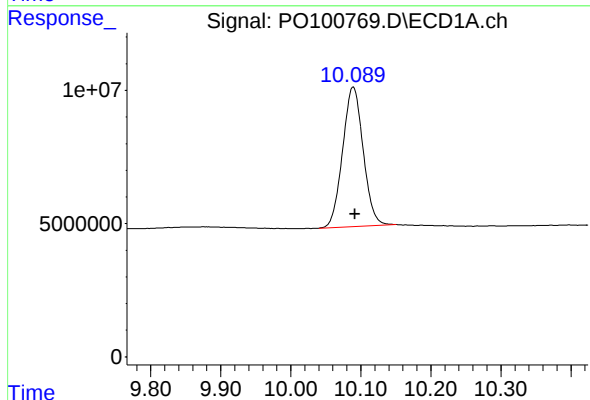
R.T.: 4.348 min
Delta R.T.: -0.001 min
Response: 159776665
Conc: 51.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



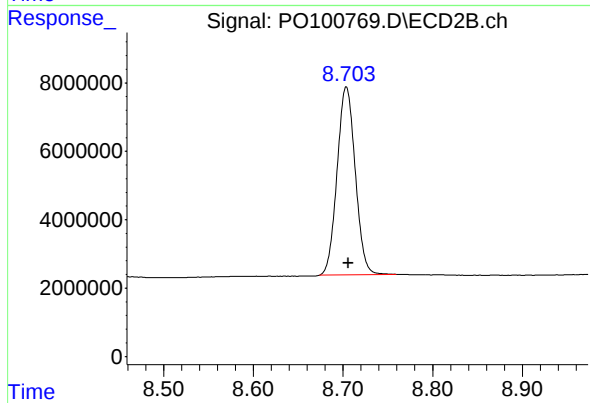
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.002 min
Response: 100815359
Conc: 49.34 ng/ml



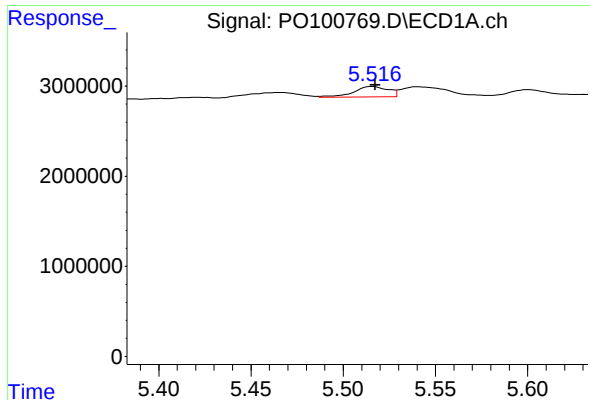
#2 Decachlorobiphenyl

R.T.: 10.089 min
Delta R.T.: -0.002 min
Response: 106886457
Conc: 51.16 ng/ml



#2 Decachlorobiphenyl

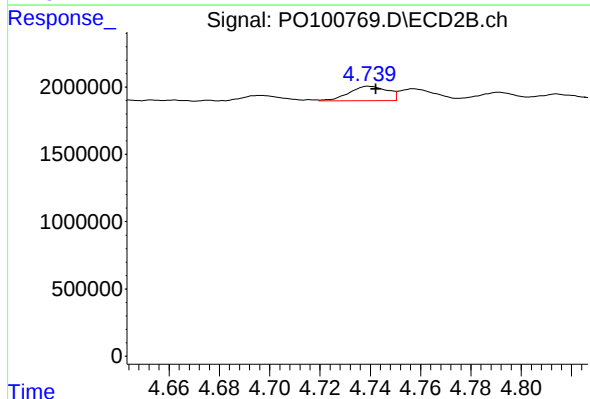
R.T.: 8.704 min
Delta R.T.: -0.002 min
Response: 77556938
Conc: 51.38 ng/ml



#3 AR-1016-1

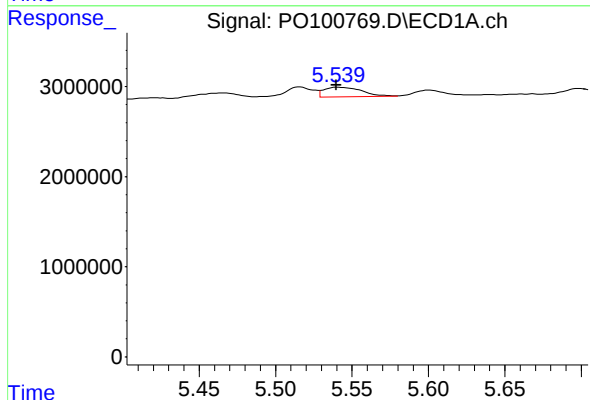
R.T.: 5.516 min
Delta R.T.: -0.001 min
Response: 1506771
Conc: 17.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



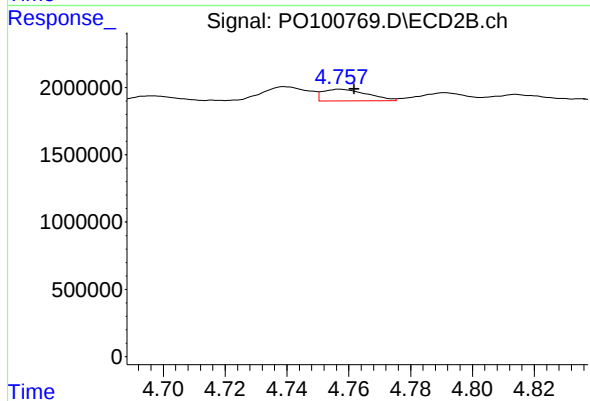
#3 AR-1016-1

R.T.: 4.739 min
Delta R.T.: -0.003 min
Response: 1132224
Conc: 18.30 ng/ml



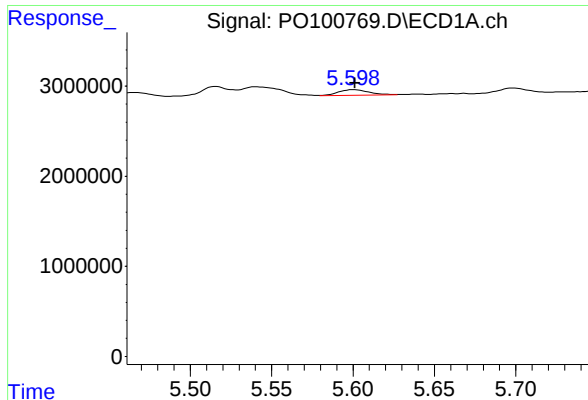
#4 AR-1016-2

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 1815989
Conc: 14.23 ng/ml



#4 AR-1016-2

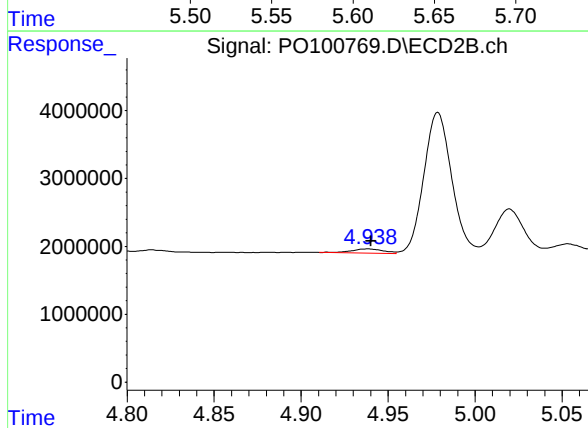
R.T.: 4.757 min
Delta R.T.: -0.005 min
Response: 874482
Conc: 9.92 ng/ml



#5 AR-1016-3

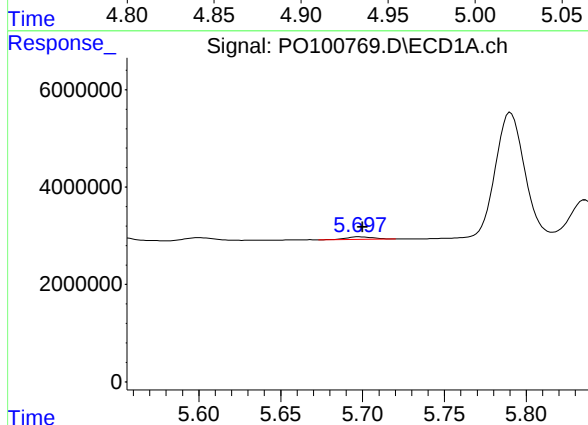
R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 817212
Conc: 10.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



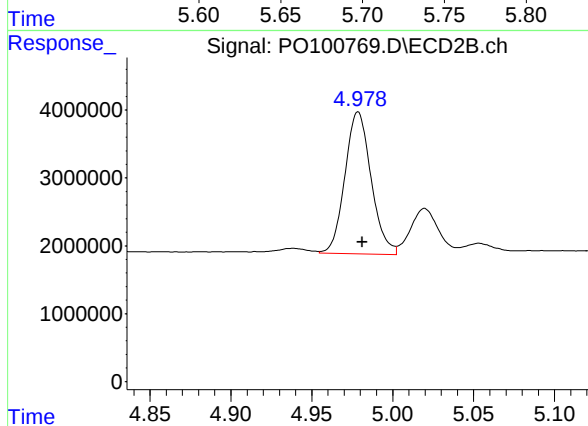
#5 AR-1016-3

R.T.: 4.938 min
Delta R.T.: -0.002 min
Response: 828935
Conc: 17.74 ng/ml



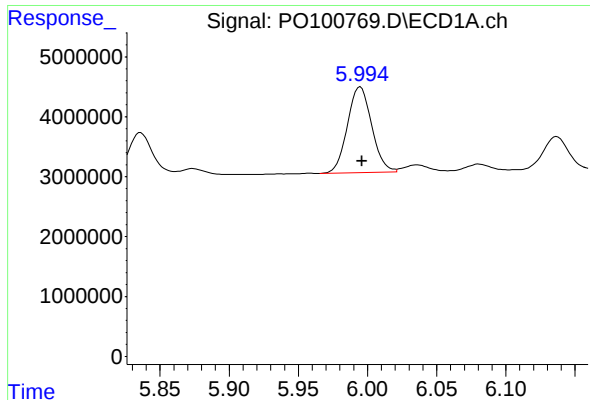
#6 AR-1016-4

R.T.: 5.698 min
Delta R.T.: -0.002 min
Response: 653327
Conc: 10.72 ng/ml



#6 AR-1016-4

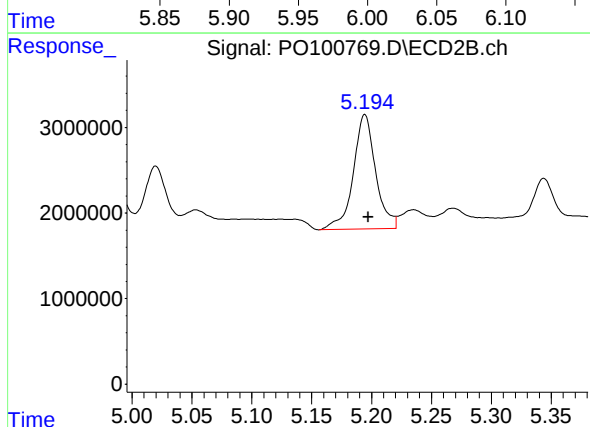
R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 23609413
Conc: 575.31 ng/ml



#7 AR-1016-5

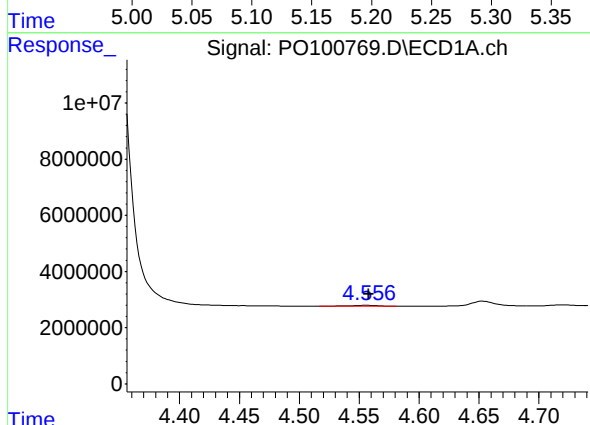
R.T.: 5.995 min
Delta R.T.: -0.001 min
Response: 17518675
Conc: 286.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



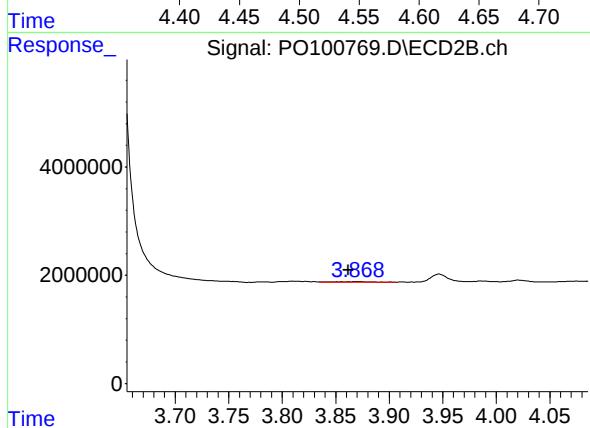
#7 AR-1016-5

R.T.: 5.194 min
Delta R.T.: -0.003 min
Response: 17432694
Conc: 335.59 ng/ml



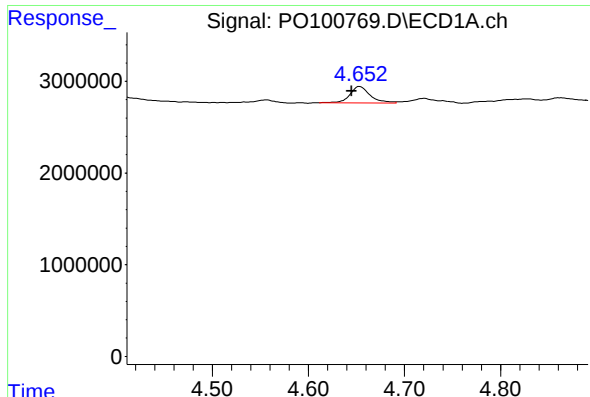
#8 AR-1221-1

R.T.: 4.557 min
Delta R.T.: -0.001 min
Response: 474466
Conc: 12.83 ng/ml



#8 AR-1221-1

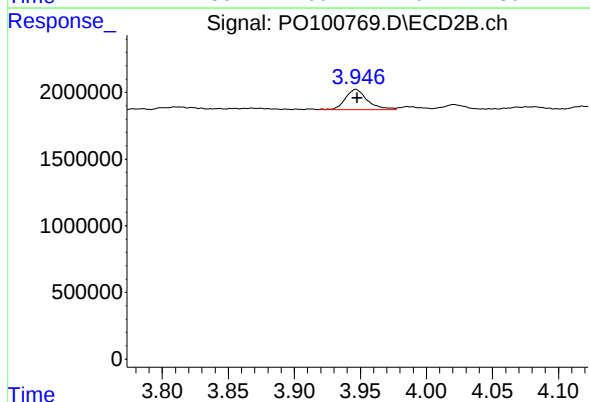
R.T.: 3.868 min
Delta R.T.: 0.007 min
Response: 255172
Conc: 10.16 ng/ml



#9 AR-1221-2

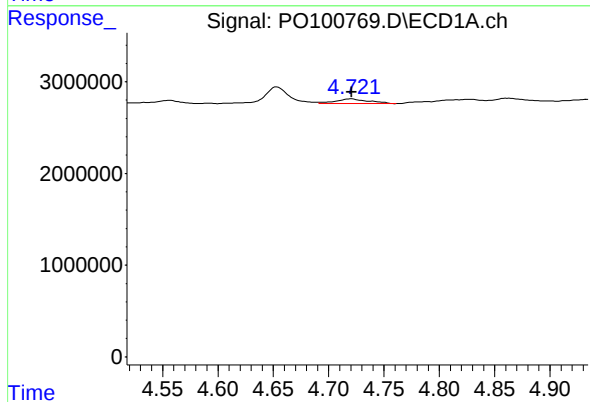
R.T.: 4.653 min
Delta R.T.: 0.008 min
Response: 2644383
Conc: 95.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



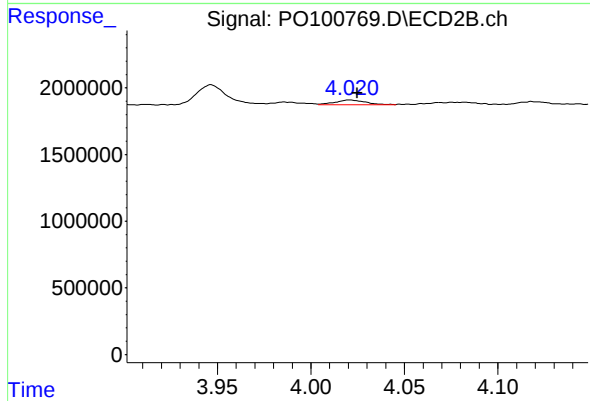
#9 AR-1221-2

R.T.: 3.947 min
Delta R.T.: -0.001 min
Response: 1750488
Conc: 91.16 ng/ml



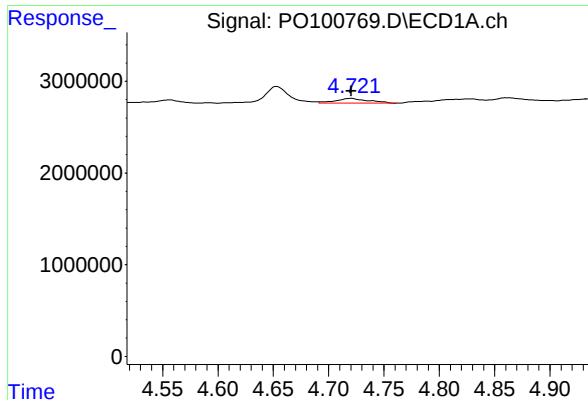
#10 AR-1221-3

R.T.: 4.721 min
Delta R.T.: 0.000 min
Response: 1065400
Conc: 12.77 ng/ml



#10 AR-1221-3

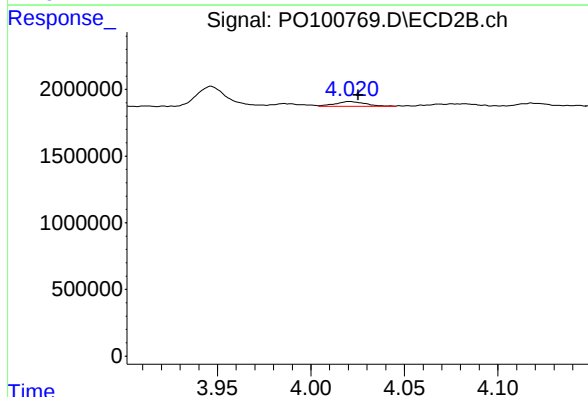
R.T.: 4.021 min
Delta R.T.: -0.004 min
Response: 418685
Conc: 7.11 ng/ml



#11 AR-1232-1

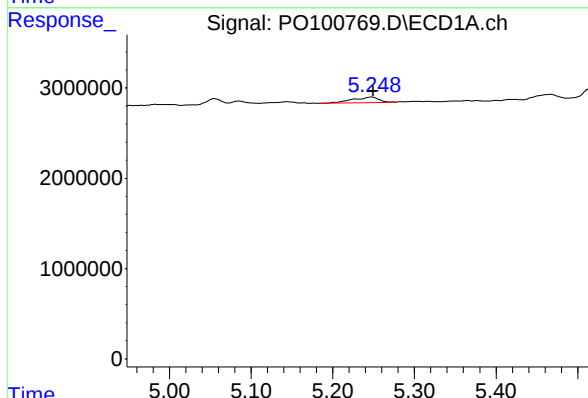
R.T.: 4.721 min
Delta R.T.: 0.000 min
Response: 1065400
Conc: 15.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



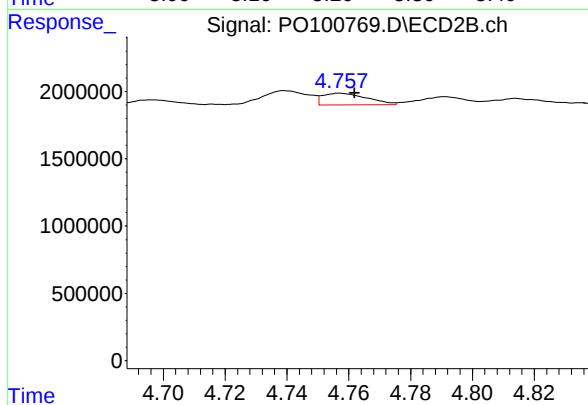
#11 AR-1232-1

R.T.: 4.021 min
Delta R.T.: -0.005 min
Response: 418685
Conc: 8.85 ng/ml



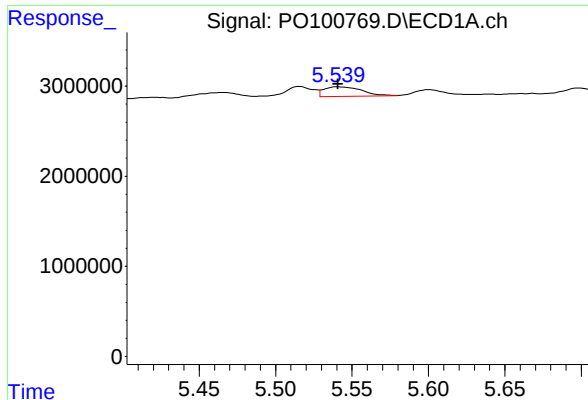
#12 AR-1232-2

R.T.: 5.248 min
Delta R.T.: -0.002 min
Response: 1379968
Conc: 39.36 ng/ml



#12 AR-1232-2

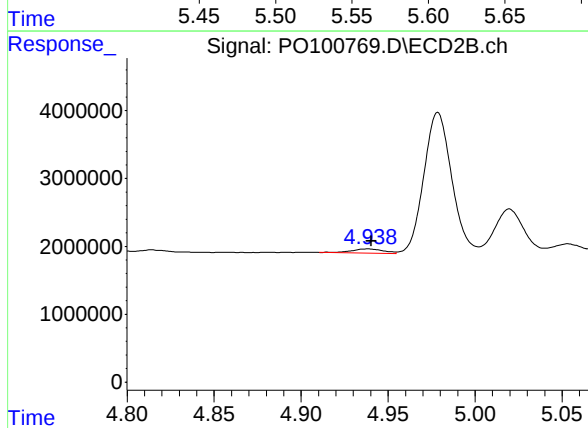
R.T.: 4.757 min
Delta R.T.: -0.005 min
Response: 874482
Conc: 20.97 ng/ml



#13 AR-1232-3

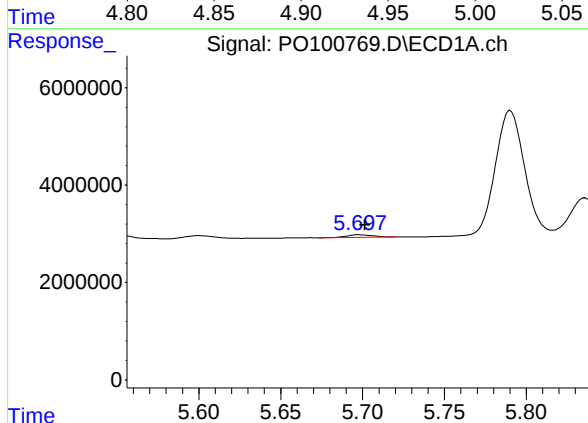
R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 1815989
Conc: 30.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



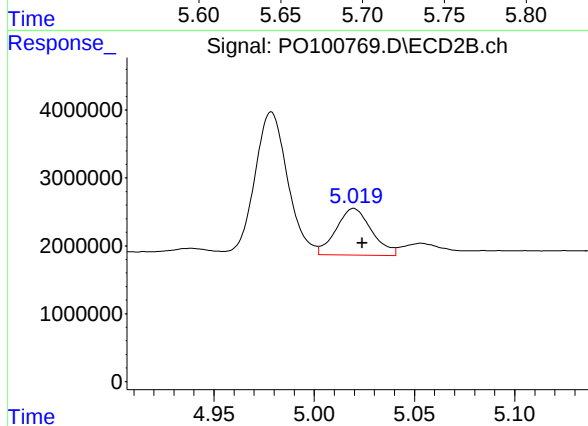
#13 AR-1232-3

R.T.: 4.938 min
Delta R.T.: -0.002 min
Response: 828935
Conc: 38.64 ng/ml



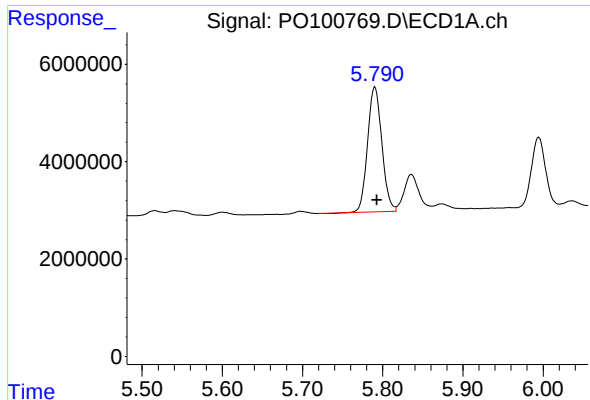
#14 AR-1232-4

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 653327
Conc: 23.83 ng/ml



#14 AR-1232-4

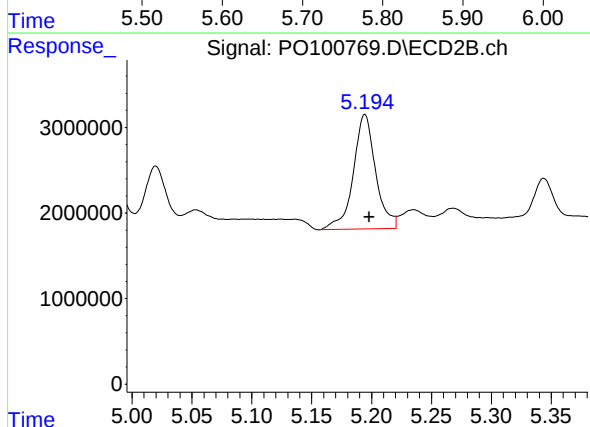
R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 8474220
Conc: 398.84 ng/ml



#15 AR-1232-5

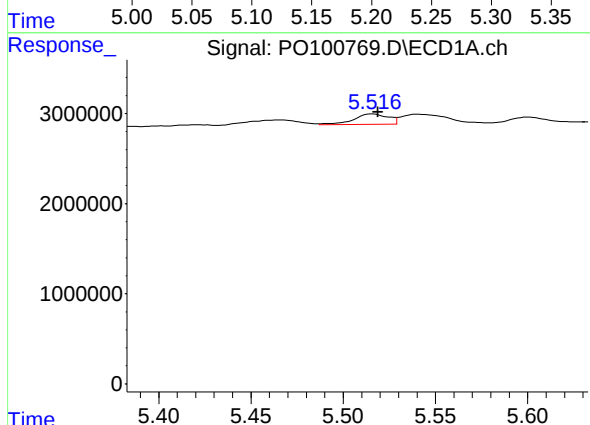
R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 31844325
Conc: 1324.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



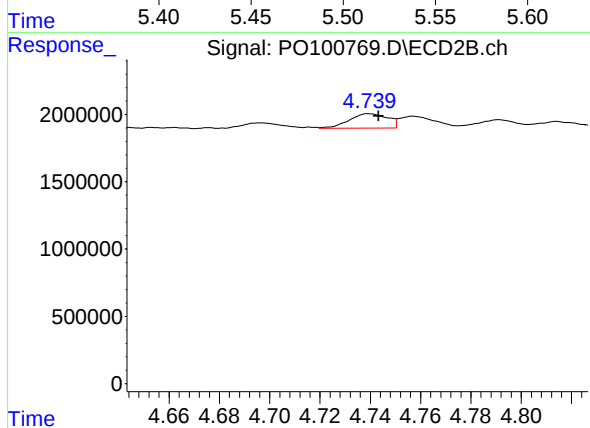
#15 AR-1232-5

R.T.: 5.194 min
Delta R.T.: -0.004 min
Response: 17432694
Conc: 797.71 ng/ml



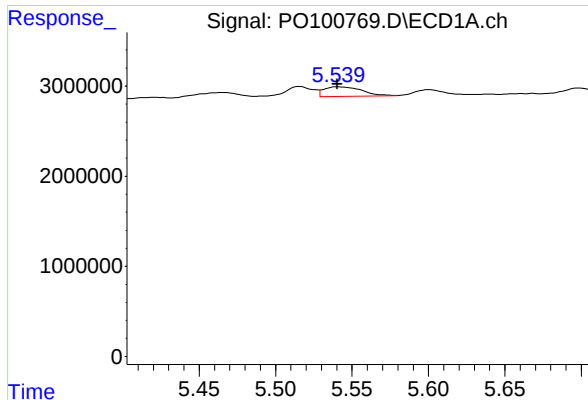
#16 AR-1242-1

R.T.: 5.516 min
Delta R.T.: -0.003 min
Response: 1506771
Conc: 21.36 ng/ml



#16 AR-1242-1

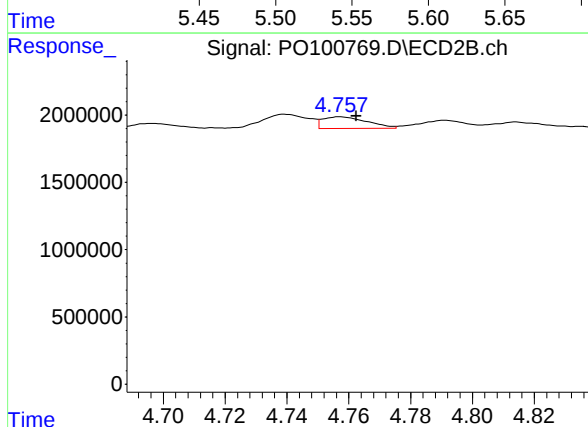
R.T.: 4.739 min
Delta R.T.: -0.004 min
Response: 1132224
Conc: 21.68 ng/ml



#17 AR-1242-2

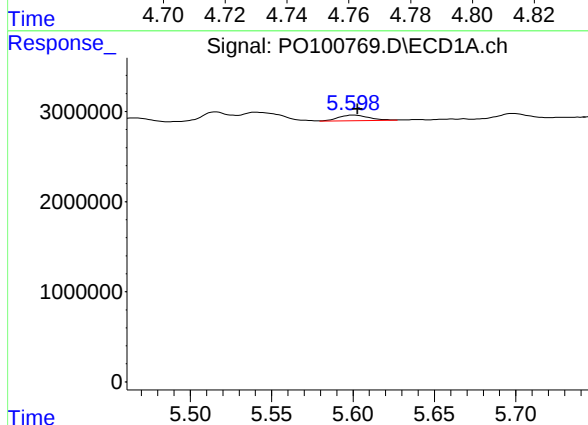
R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 1815989
Conc: 17.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



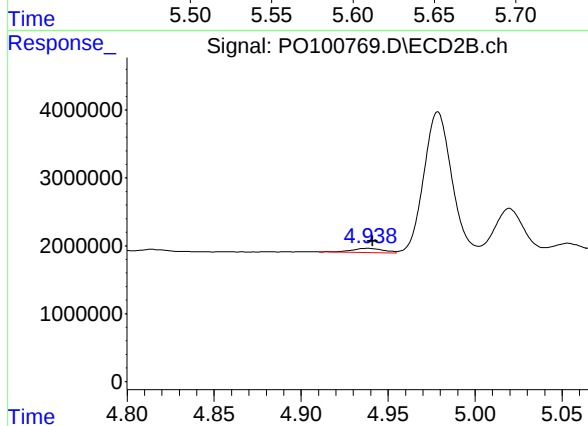
#17 AR-1242-2

R.T.: 4.757 min
Delta R.T.: -0.005 min
Response: 874482
Conc: 12.07 ng/ml



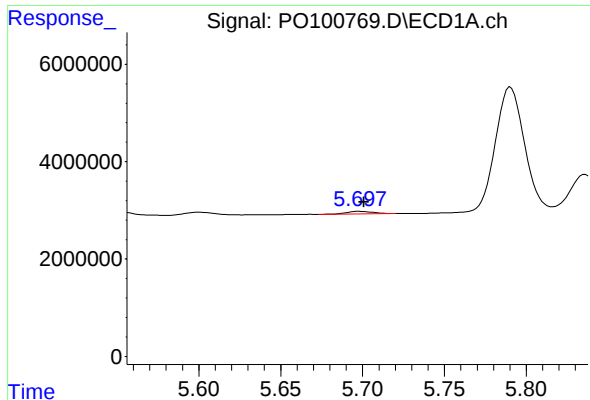
#18 AR-1242-3

R.T.: 5.600 min
Delta R.T.: -0.003 min
Response: 817212
Conc: 12.57 ng/ml



#18 AR-1242-3

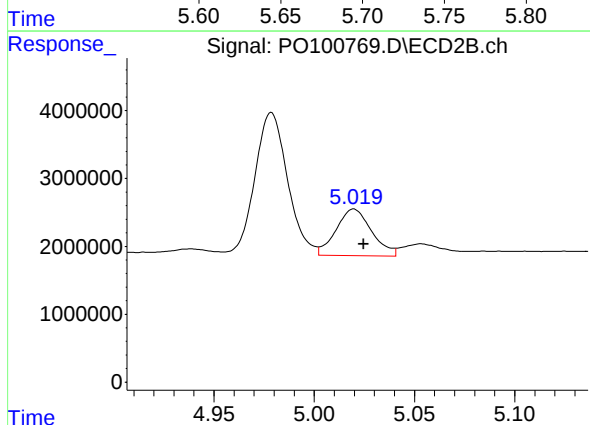
R.T.: 4.938 min
Delta R.T.: -0.003 min
Response: 828935
Conc: 21.63 ng/ml



#19 AR-1242-4

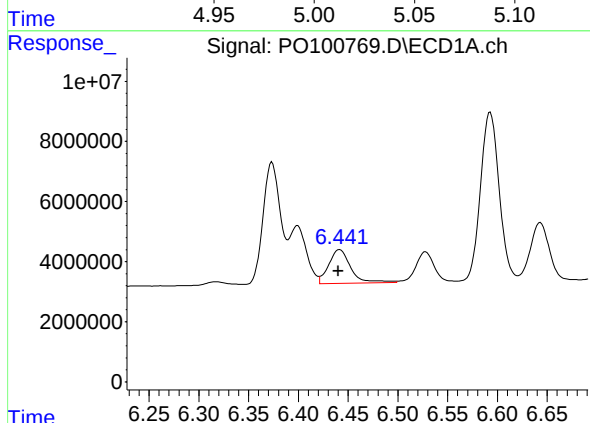
R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 653327
Conc: 13.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



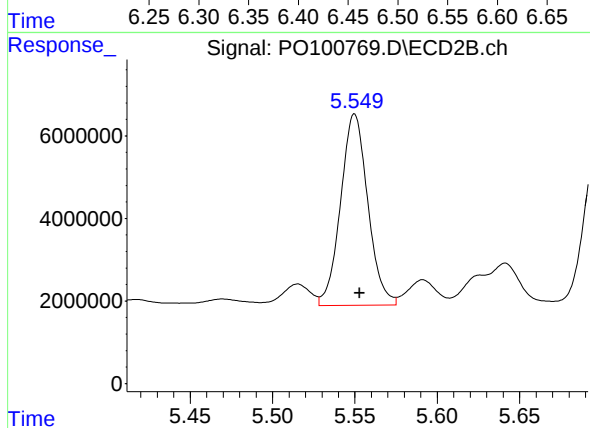
#19 AR-1242-4

R.T.: 5.020 min
Delta R.T.: -0.005 min
Response: 8474220
Conc: 203.31 ng/ml



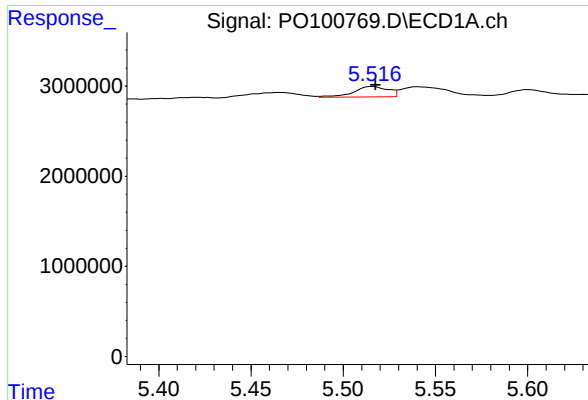
#20 AR-1242-5

R.T.: 6.442 min
Delta R.T.: 0.001 min
Response: 17287335
Conc: 334.01 ng/ml



#20 AR-1242-5

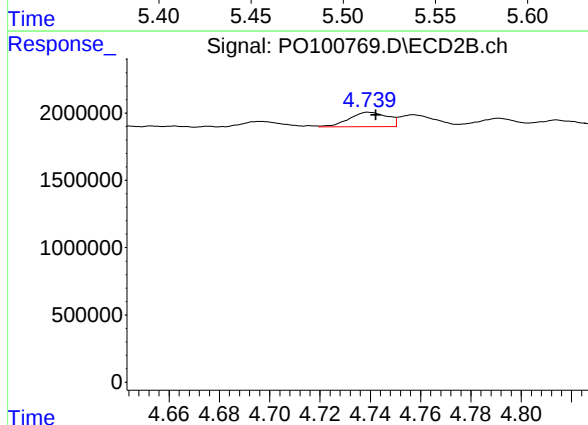
R.T.: 5.550 min
Delta R.T.: -0.003 min
Response: 53369869
Conc: 1162.88 ng/ml



#21 AR-1248-1

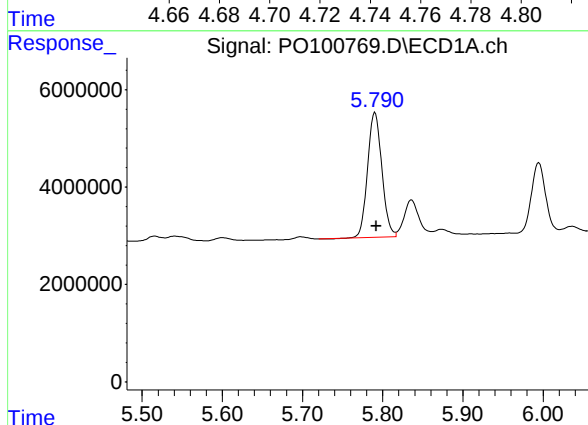
R.T.: 5.516 min
Delta R.T.: -0.002 min
Response: 1506771
Conc: 27.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



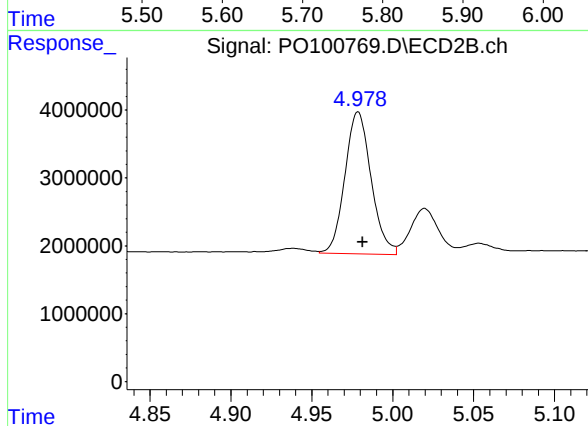
#21 AR-1248-1

R.T.: 4.739 min
Delta R.T.: -0.003 min
Response: 1132224
Conc: 28.31 ng/ml



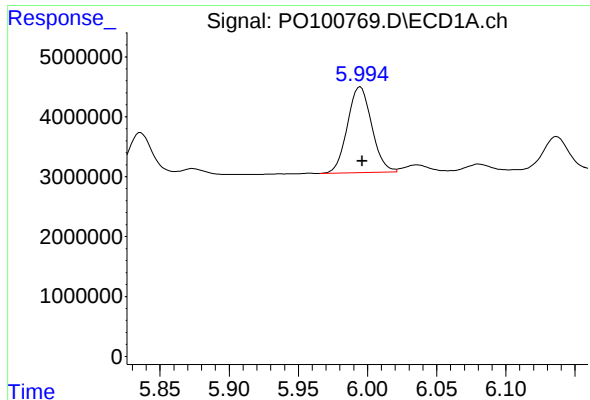
#22 AR-1248-2

R.T.: 5.790 min
Delta R.T.: -0.002 min
Response: 31844325
Conc: 368.71 ng/ml



#22 AR-1248-2

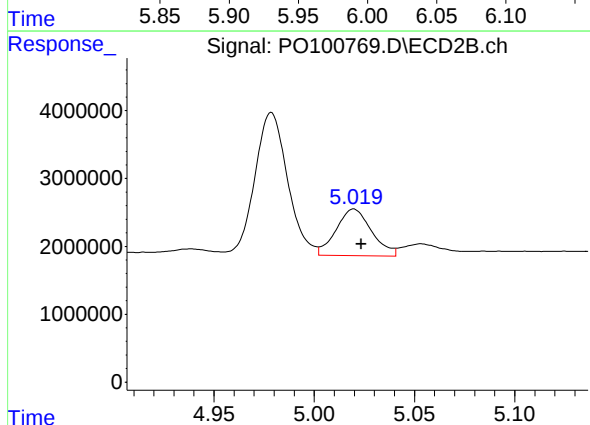
R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 23609413
Conc: 392.43 ng/ml



#23 AR-1248-3

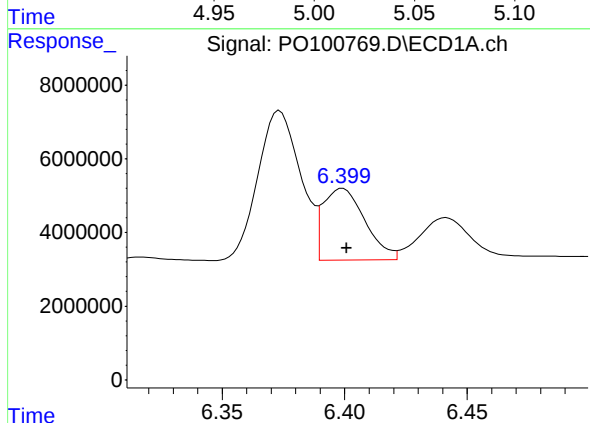
R.T.: 5.995 min
Delta R.T.: -0.001 min
Response: 17518675
Conc: 199.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



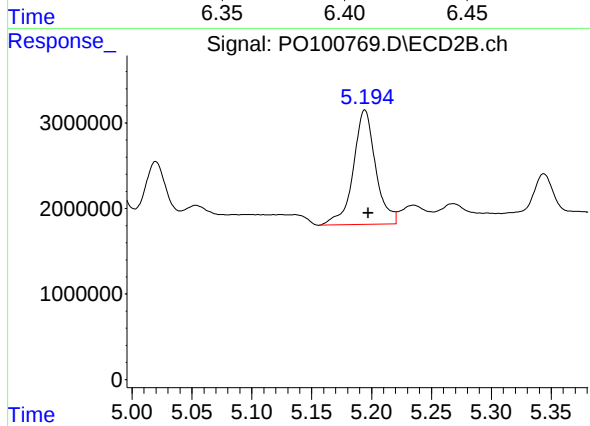
#23 AR-1248-3

R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 8474220
Conc: 135.57 ng/ml



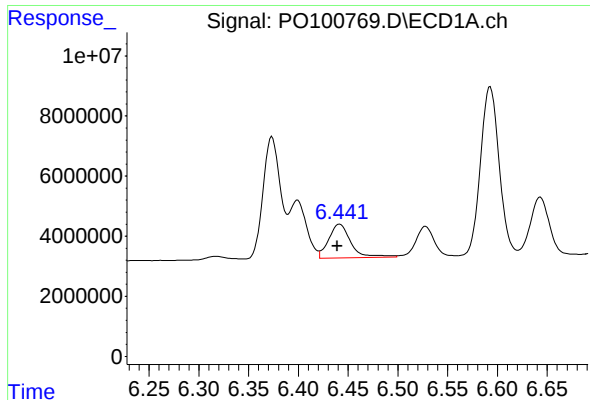
#24 AR-1248-4

R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 23134678
Conc: 257.32 ng/ml



#24 AR-1248-4

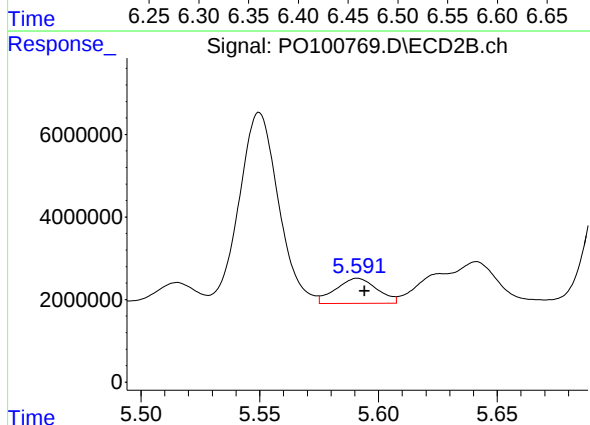
R.T.: 5.194 min
Delta R.T.: -0.003 min
Response: 17432694
Conc: 242.02 ng/ml



#25 AR-1248-5

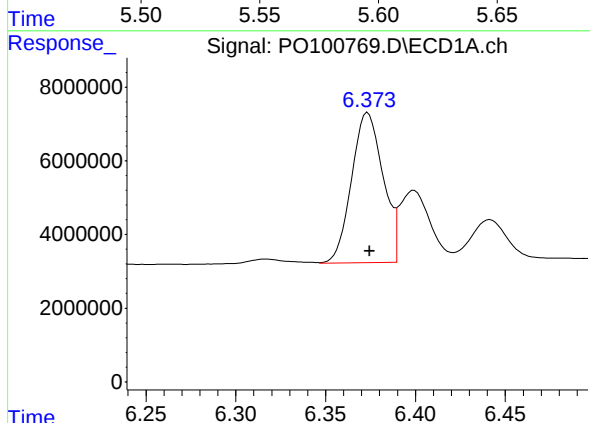
R.T.: 6.442 min
Delta R.T.: 0.002 min
Response: 17287335
Conc: 192.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



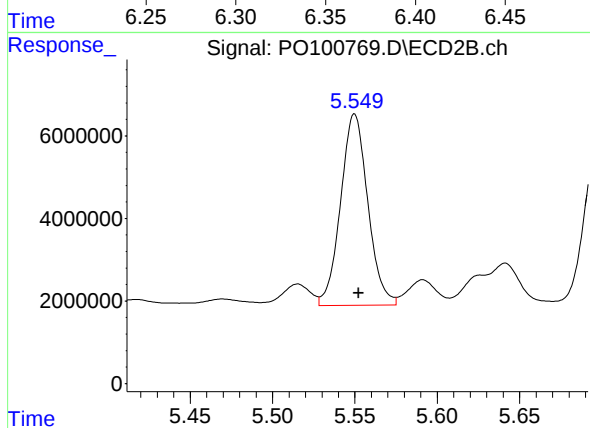
#25 AR-1248-5

R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 7381478
Conc: 119.65 ng/ml



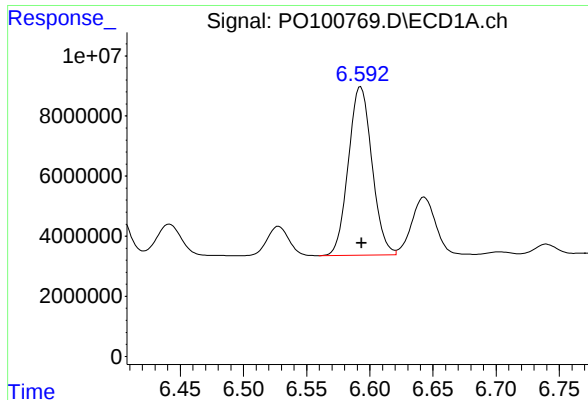
#26 AR-1254-1

R.T.: 6.373 min
Delta R.T.: -0.001 min
Response: 49719915
Conc: 472.99 ng/ml



#26 AR-1254-1

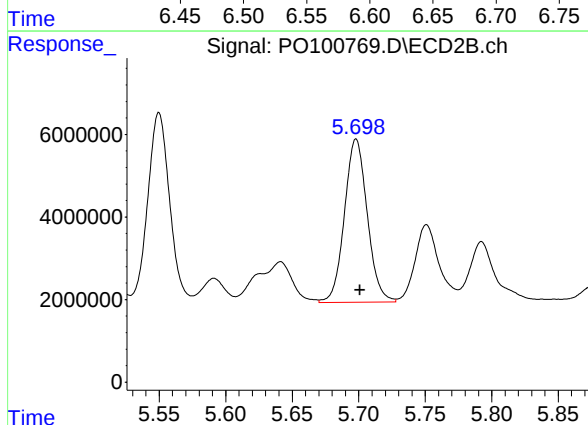
R.T.: 5.550 min
Delta R.T.: -0.003 min
Response: 53369869
Conc: 520.02 ng/ml



#27 AR-1254-2

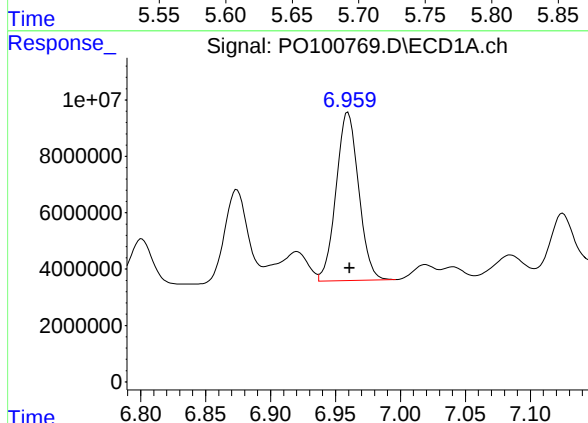
R.T.: 6.593 min
Delta R.T.: 0.000 min
Response: 72939788
Conc: 493.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



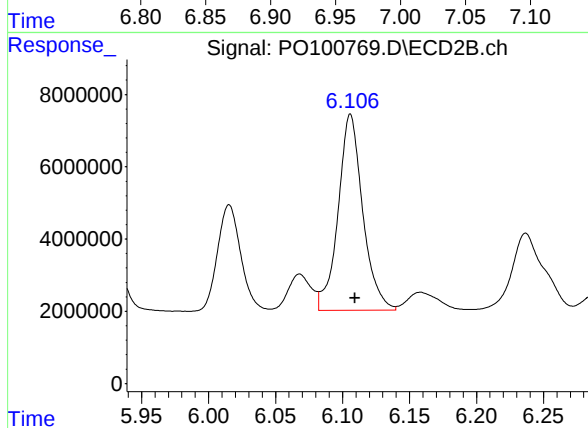
#27 AR-1254-2

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 47402792
Conc: 515.97 ng/ml



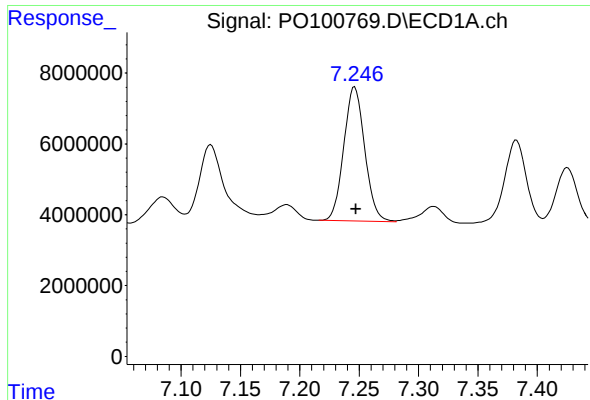
#28 AR-1254-3

R.T.: 6.960 min
Delta R.T.: -0.001 min
Response: 72225572
Conc: 515.79 ng/ml



#28 AR-1254-3

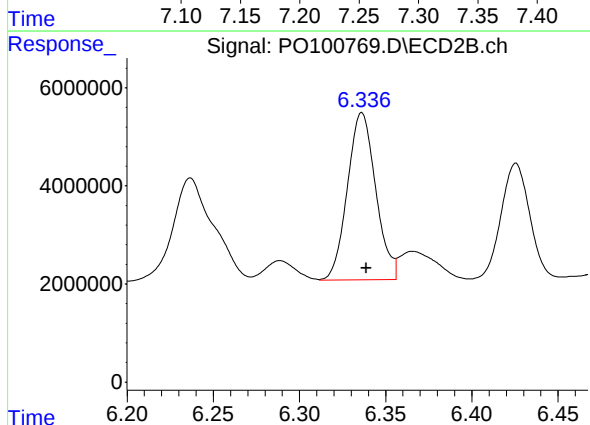
R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 69417653
Conc: 513.30 ng/ml



#29 AR-1254-4

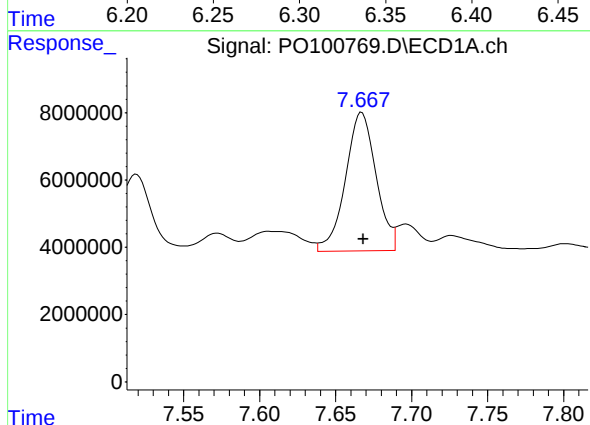
R.T.: 7.246 min
Delta R.T.: 0.000 min
Response: 46359105
Conc: 545.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



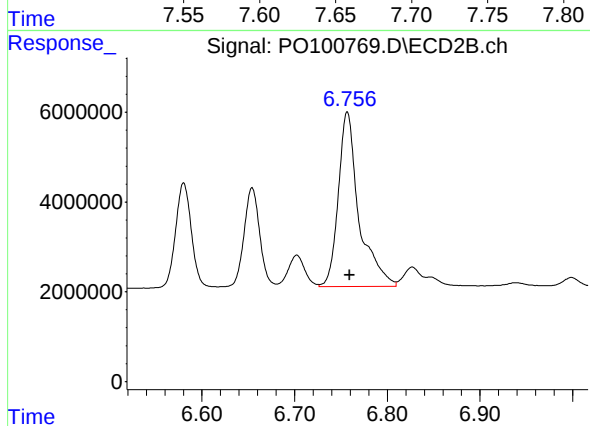
#29 AR-1254-4

R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 38838631
Conc: 538.44 ng/ml



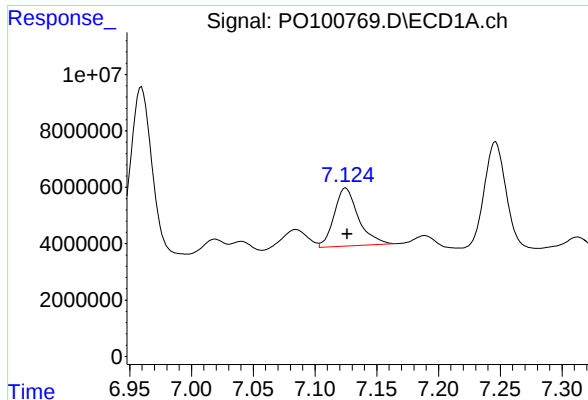
#30 AR-1254-5

R.T.: 7.667 min
Delta R.T.: 0.000 min
Response: 57647431
Conc: 487.19 ng/ml



#30 AR-1254-5

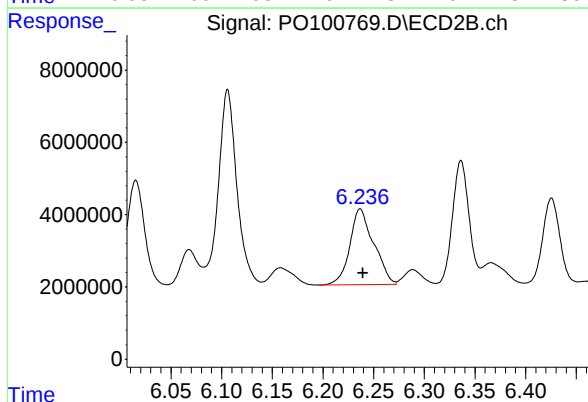
R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 60184590
Conc: 522.33 ng/ml



#31 AR-1260-1

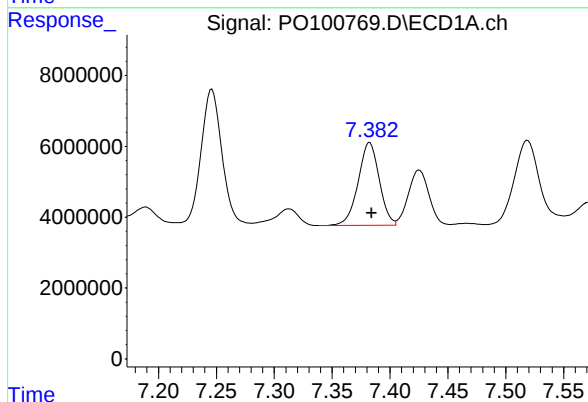
R.T.: 7.125 min
Delta R.T.: -0.001 min
Response: 28233878
Conc: 206.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



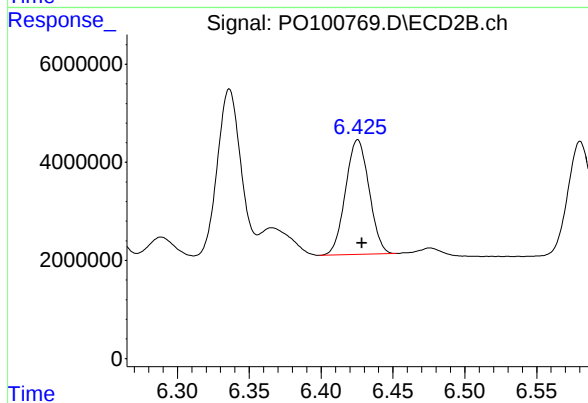
#31 AR-1260-1

R.T.: 6.237 min
Delta R.T.: -0.003 min
Response: 34426753
Conc: 361.42 ng/ml



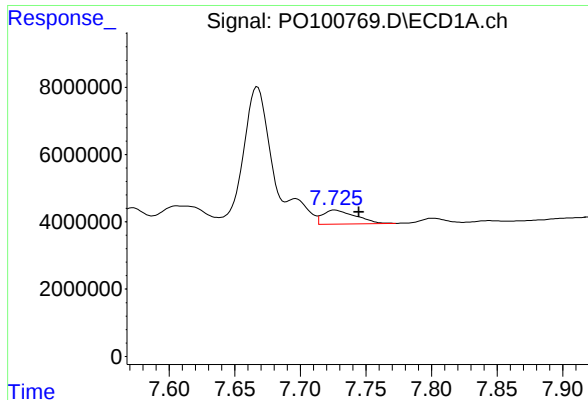
#32 AR-1260-2

R.T.: 7.382 min
Delta R.T.: -0.002 min
Response: 29568110
Conc: 235.10 ng/ml



#32 AR-1260-2

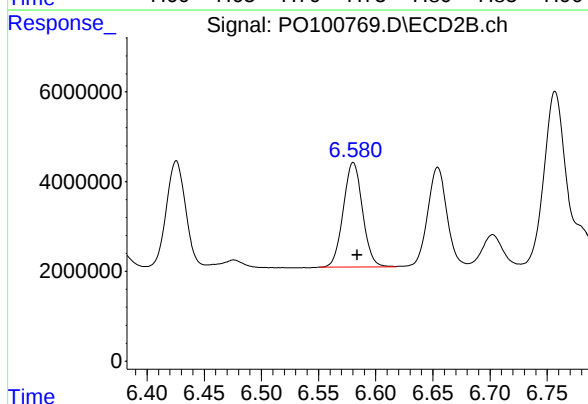
R.T.: 6.426 min
Delta R.T.: -0.003 min
Response: 26653155
Conc: 247.97 ng/ml



#33 AR-1260-3

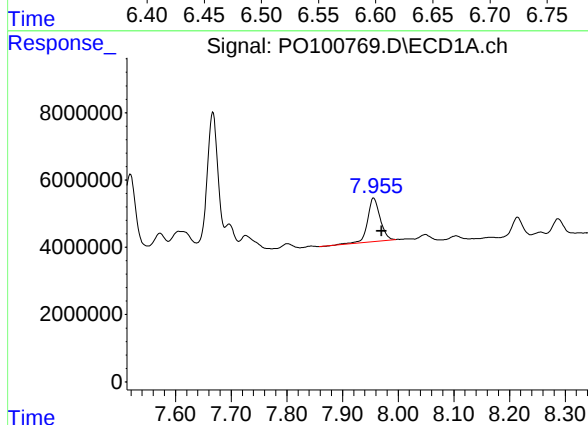
R.T.: 7.726 min
Delta R.T.: -0.019 min
Response: 7277943
Conc: 75.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



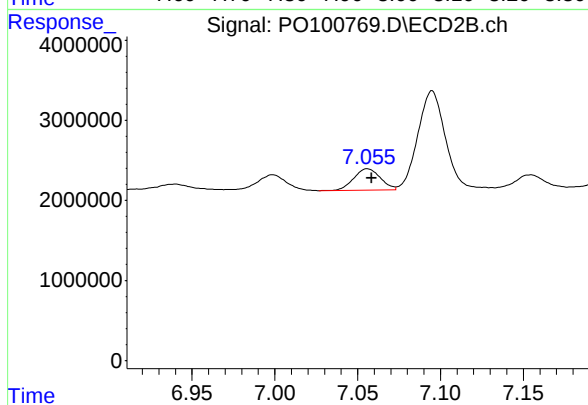
#33 AR-1260-3

R.T.: 6.580 min
Delta R.T.: -0.004 min
Response: 27442009
Conc: 267.74 ng/ml



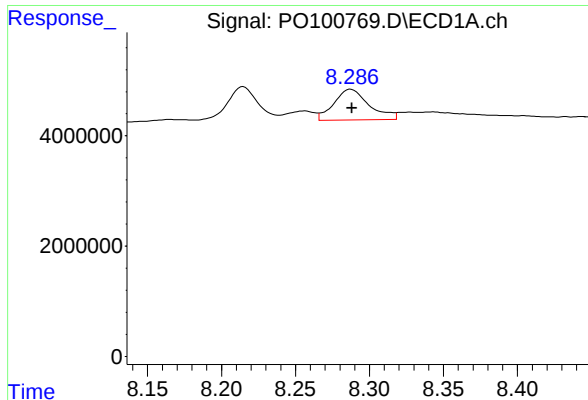
#34 AR-1260-4

R.T.: 7.956 min
Delta R.T.: -0.015 min
Response: 20206856
Conc: 191.49 ng/ml



#34 AR-1260-4

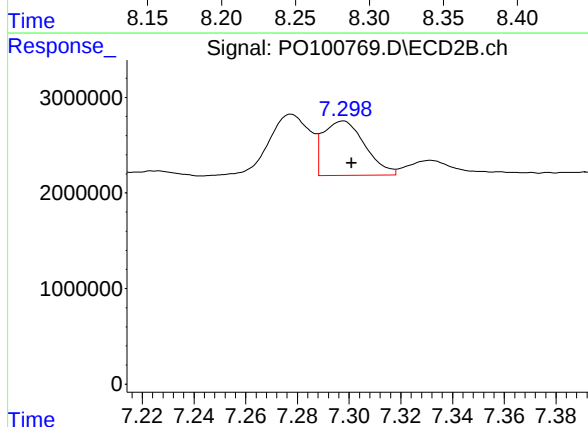
R.T.: 7.056 min
Delta R.T.: -0.003 min
Response: 2987365
Conc: 36.64 ng/ml



#35 AR-1260-5

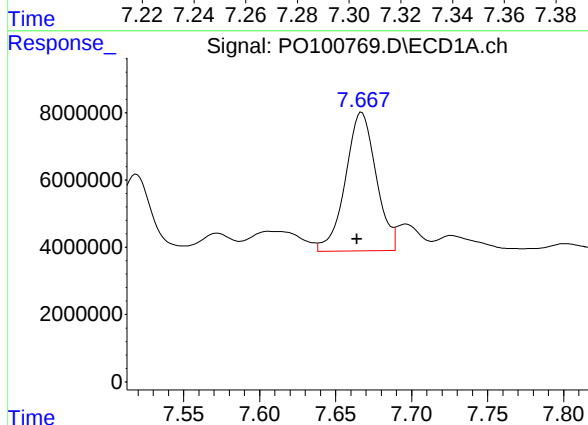
R.T.: 8.287 min
Delta R.T.: -0.001 min
Response: 9208181
Conc: 43.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



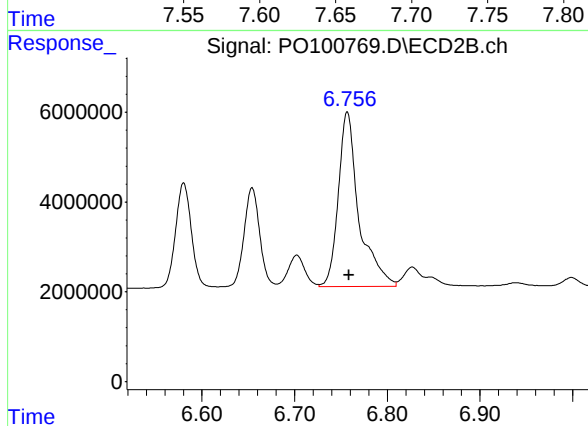
#35 AR-1260-5

R.T.: 7.298 min
Delta R.T.: -0.003 min
Response: 6382509
Conc: 35.36 ng/ml



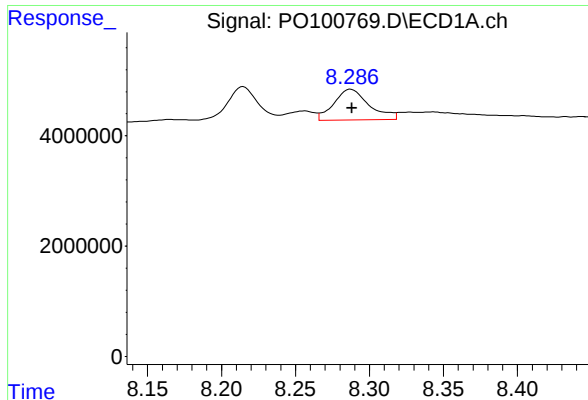
#36 AR-1262-1

R.T.: 7.667 min
Delta R.T.: 0.003 min
Response: 57647431
Conc: 577.05 ng/ml



#36 AR-1262-1

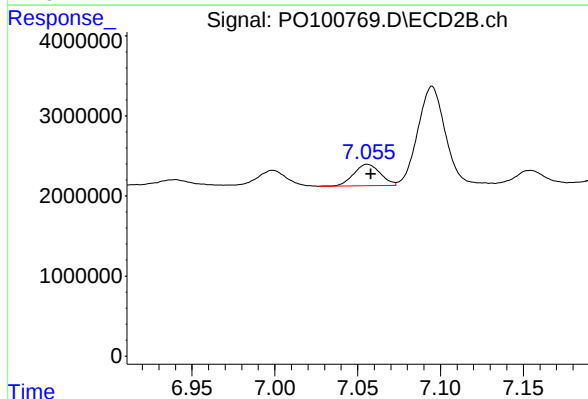
R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 60184590
Conc: 964.83 ng/ml



#37 AR-1262-2

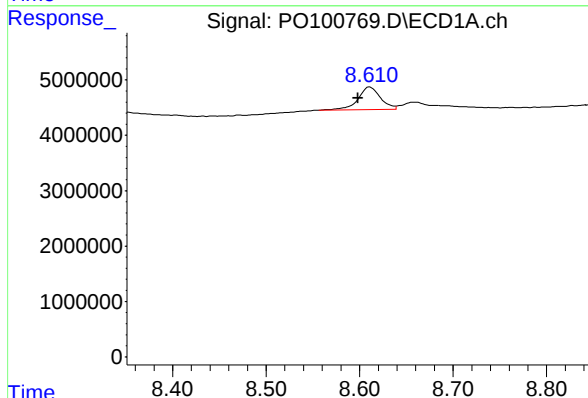
R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 9208181
Conc: 38.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



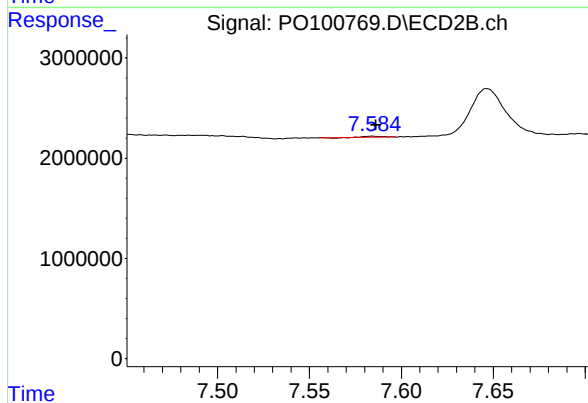
#37 AR-1262-2

R.T.: 7.056 min
Delta R.T.: -0.002 min
Response: 2987365
Conc: 26.44 ng/ml



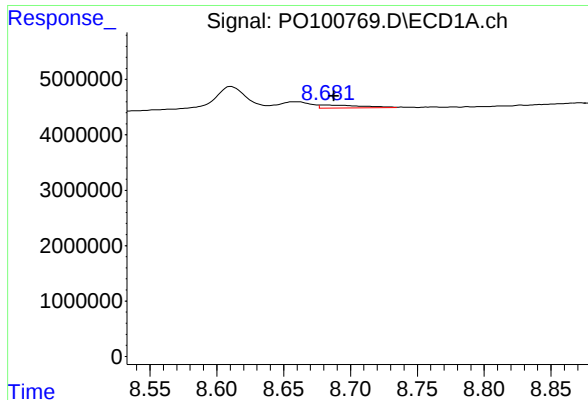
#38 AR-1262-3

R.T.: 8.611 min
Delta R.T.: 0.012 min
Response: 6791298
Conc: 41.82 ng/ml



#38 AR-1262-3

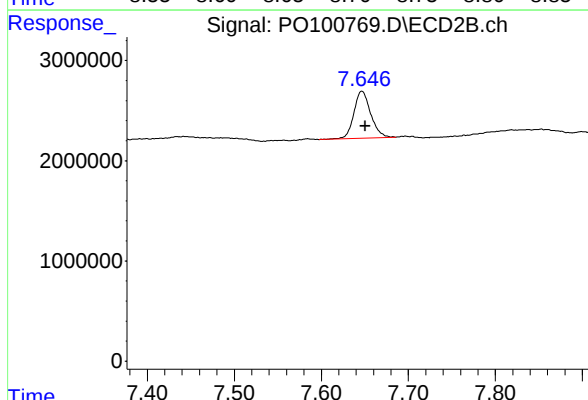
R.T.: 7.584 min
Delta R.T.: -0.002 min
Response: 47433
Conc: 0.62 ng/ml



#39 AR-1262-4

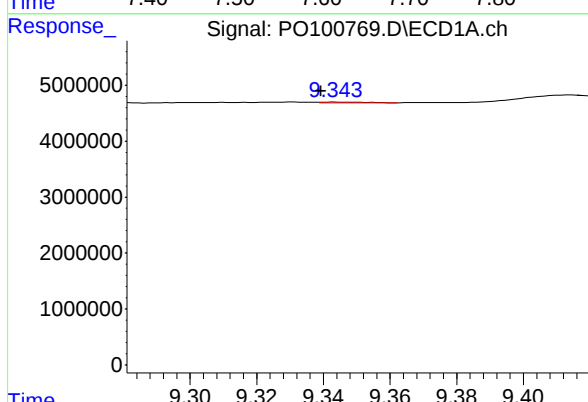
R.T.: 8.682 min
Delta R.T.: -0.006 min
Response: 1245479
Conc: 9.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



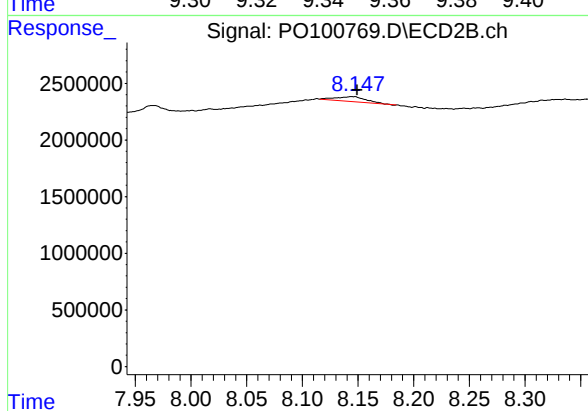
#39 AR-1262-4

R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 6275338
Conc: 42.48 ng/ml



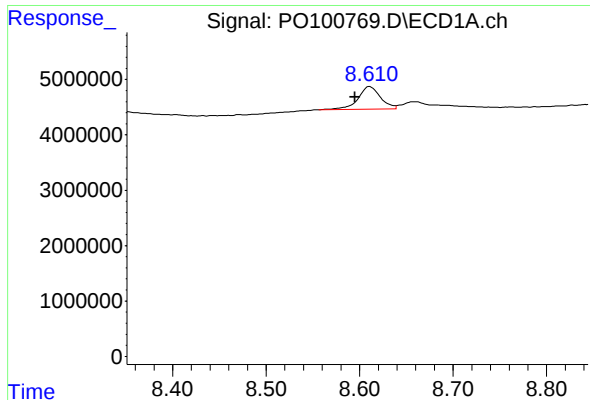
#40 AR-1262-5

R.T.: 9.344 min
Delta R.T.: 0.004 min
Response: 115240
Conc: 1.44 ng/ml



#40 AR-1262-5

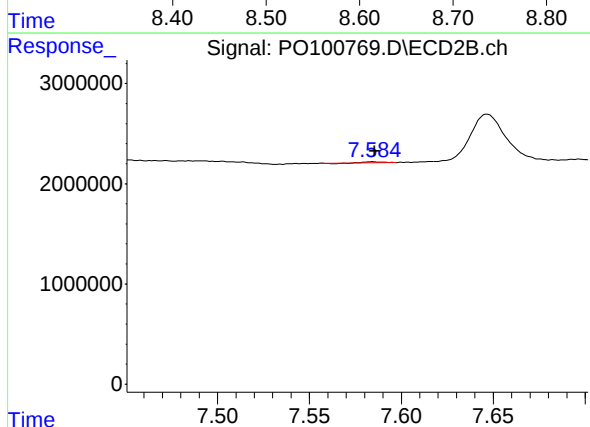
R.T.: 8.145 min
Delta R.T.: -0.005 min
Response: 746468
Conc: 11.67 ng/ml



#41 AR-1268-1

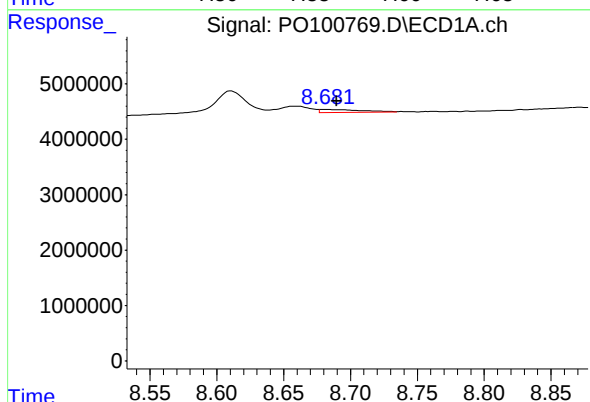
R.T.: 8.611 min
Delta R.T.: 0.016 min
Response: 6791298
Conc: 24.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



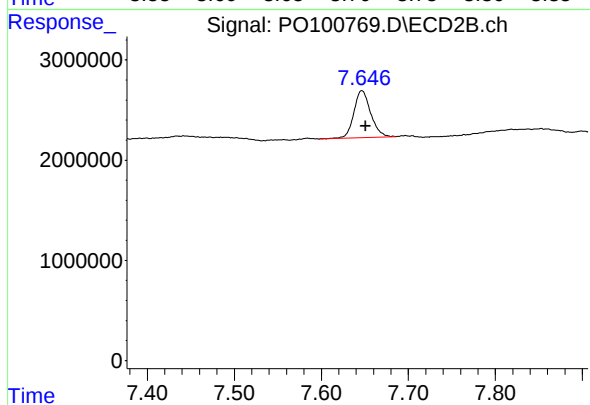
#41 AR-1268-1

R.T.: 7.584 min
Delta R.T.: -0.002 min
Response: 47433
Conc: 0.21 ng/ml



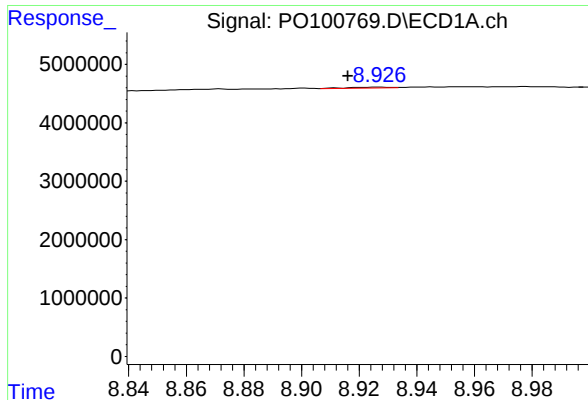
#42 AR-1268-2

R.T.: 8.682 min
Delta R.T.: -0.008 min
Response: 1245479
Conc: 4.93 ng/ml



#42 AR-1268-2

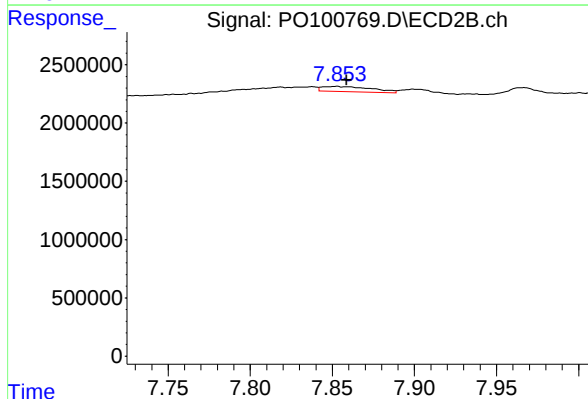
R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 6275338
Conc: 31.03 ng/ml



#43 AR-1268-3

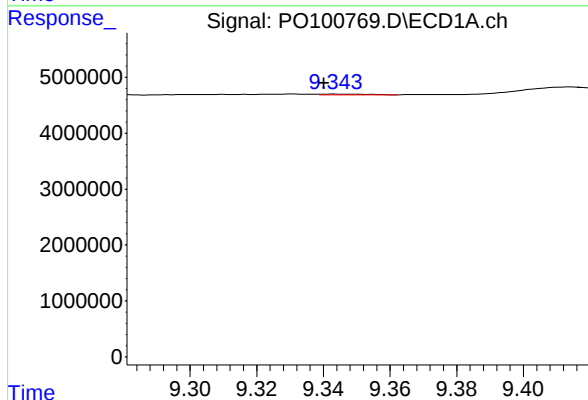
R.T.: 8.927 min
Delta R.T.: 0.011 min
Response: 130851
Conc: 0.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



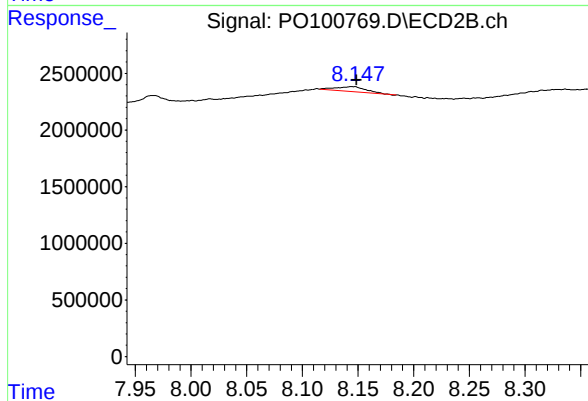
#43 AR-1268-3

R.T.: 7.853 min
Delta R.T.: -0.006 min
Response: 926381
Conc: 4.91 ng/ml



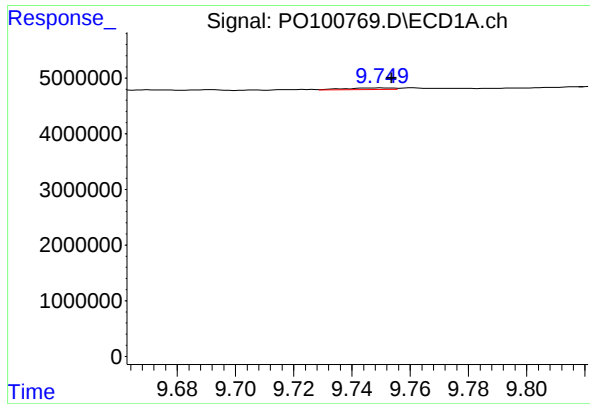
#44 AR-1268-4

R.T.: 9.344 min
Delta R.T.: 0.003 min
Response: 115240
Conc: 1.47 ng/ml



#44 AR-1268-4

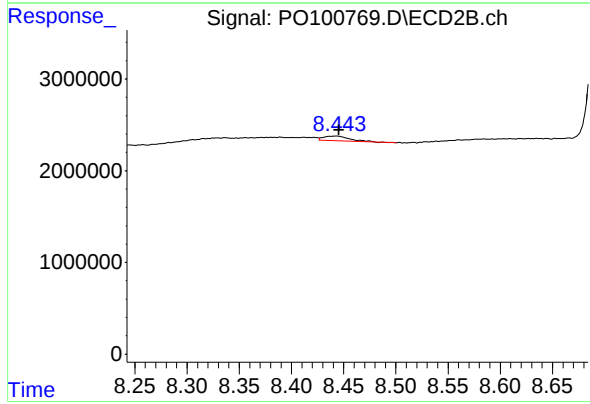
R.T.: 8.145 min
Delta R.T.: -0.004 min
Response: 746468
Conc: 11.12 ng/ml



#45 AR-1268-5

R.T.: 9.750 min
Delta R.T.: -0.004 min
Response: 295623
Conc: 0.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.443 min
Delta R.T.: -0.002 min
Response: 870270
Conc: 1.68 ng/ml