

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0120623\
 Data File : P0100329.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2023 16:19
 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 07 00:23:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0112123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 15:58:40 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...	4.476	3.702	70349694	67715991	41.217	45.147
2) SA Decachlor...	10.354	8.792	39737349	57441919	54.708	51.333
Target Compounds						
3) L1 AR-1016-1	5.663	4.805	477726	450472	11.103	14.266 #
4) L1 AR-1016-2	5.689	4.825	588887	290007	9.096	6.707 #
5) L1 AR-1016-3	5.747	5.007	220103	291622	5.050	12.575 #
6) L1 AR-1016-4	5.846	5.046	265660	9543445	8.048	465.507 #
7) L1 AR-1016-5	6.148	5.263	6484581	5479014	206.526	214.845
8) L2 AR-1221-1	4.665	3.917	78407	64906	3.803	3.414
9) L2 AR-1221-2	4.787	4.007	1095546	963787	72.533	73.959
10) L2 AR-1221-3	4.856	4.086	189184	146591	4.216	4.081
11) L3 AR-1232-1	4.856	4.086	189184	146591	5.302	4.995
12) L3 AR-1232-2	5.391	4.825	240025	290007	13.791	14.624
13) L3 AR-1232-3	5.689	5.007	588887	291622	20.781	28.140 #
14) L3 AR-1232-4	5.846	5.087	265660	3078153	19.124	309.678 #
15) L3 AR-1232-5	5.941	5.263	11829570	5479014	963.930	507.308 #
16) L4 AR-1242-1	5.663	4.805	477726	450472	13.790	17.141
17) L4 AR-1242-2	5.689	4.825	588887	290007	11.222	8.248 #
18) L4 AR-1242-3	5.747	5.007	220103	291622	6.324	15.228 #
19) L4 AR-1242-4	5.846	5.087	265660	3078153	10.105	152.822 #
20) L4 AR-1242-5	6.600	5.619	5729812	23407949	256.265	1001.804 #
21) L5 AR-1248-1	5.663	4.805	477726	450472	18.479	22.533
22) L5 AR-1248-2	5.941	5.046	11829570	9543445	289.254	341.071
23) L5 AR-1248-3	6.148	5.087	6484581	3078153	151.392	106.592 #
24) L5 AR-1248-4	6.557	5.263	8094319	5479014	214.753	167.096
25) L5 AR-1248-5	6.600	5.660	5729812	2554888	155.141	85.529 #
26) L6 AR-1254-1	6.530	5.619	20003513	23407949	415.416	451.567
27) L6 AR-1254-2	6.751	5.767	29559771	21507583	431.023	461.856
28) L6 AR-1254-3	7.122	6.177	28879912	36671655	453.321	470.205
29) L6 AR-1254-4	7.412	6.407	18779428	21555337	496.760	505.084
30) L6 AR-1254-5	7.835	6.828	21441082	36360537	500.933	502.474
31) L7 AR-1260-1	7.289	6.308	12639811	18820952	237.392	325.710 #
32) L7 AR-1260-2	7.548	6.496	12722200	15945099	240.508	240.077
33) L7 AR-1260-3	7.895	6.652	2971935	16289840	83.317	254.579 #
34) L7 AR-1260-4	8.127	7.128	7837357	1881031	189.362	37.302 #
35) L7 AR-1260-5	8.470	7.370	2845490	4590437	42.597	40.948
36) L8 AR-1262-1	7.835	6.828	21441082	36360537	592.757	951.320 #
37) L8 AR-1262-2	8.470	7.128	2845490	1881031	33.514	24.937 #
38) L8 AR-1262-3	8.808	7.661	2163242	141976	35.912	2.438 #
39) L8 AR-1262-4	8.890	7.719	58979	4384604	1.223	42.659 #
40) L8 AR-1262-5	9.579	8.229	65950	80094	2.526	1.838 #
41) L9 AR-1268-1	8.808	7.661	2163242	141976	19.598	0.855 #

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Integration File signal 1: autoint1.e
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 QLast Update : Tue Nov 21 15:58:40 2023
 Response via : Initial Calibration
 Integrator: ChemStation

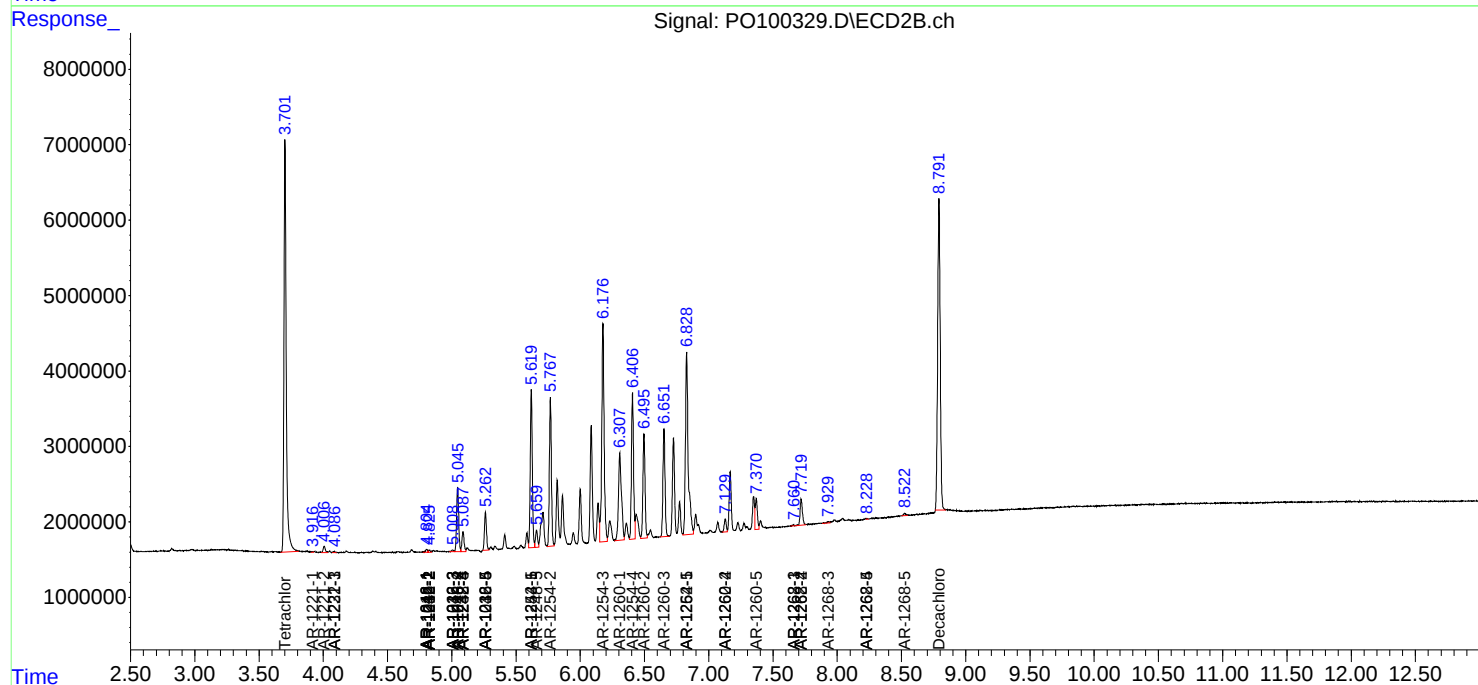
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

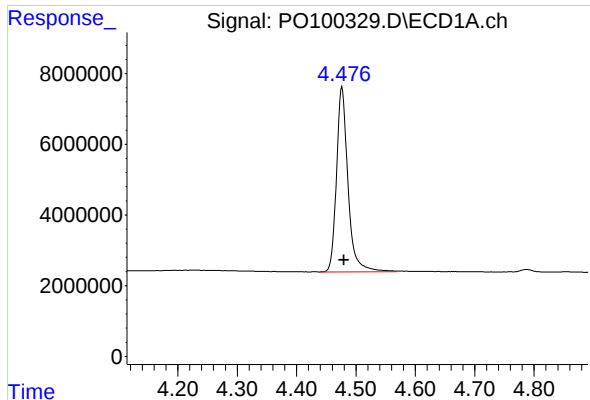
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.890	7.719	58979	4384604	0.613	28.725 #
43) L9	AR-1268-3	9.129	7.930	15467	297444	0.171	2.076 #
44) L9	AR-1268-4	9.579	8.229	65950	80094	2.319	1.705 #
45) L9	AR-1268-5	9.997	8.523	99495	385952	0.395	0.969 #

(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

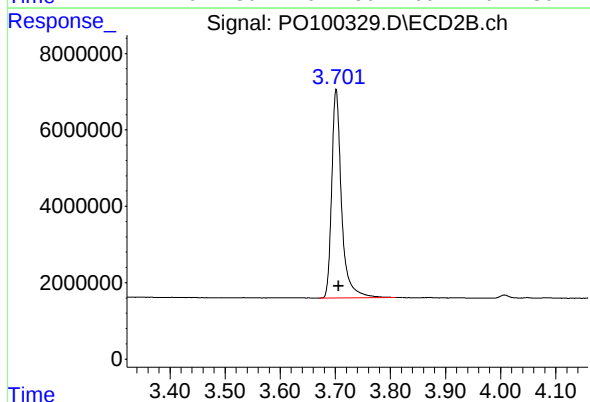




#1 Tetrachloro-m-xylene

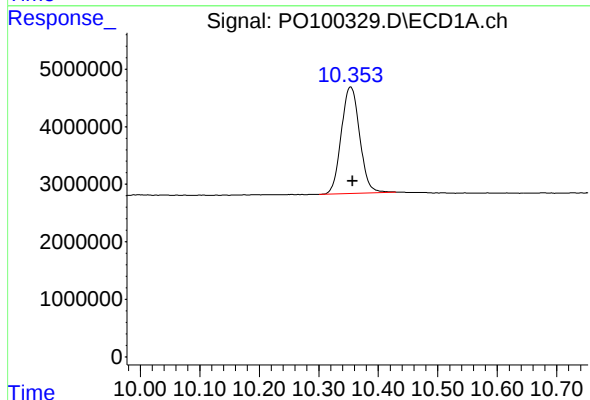
R.T.: 4.476 min
Delta R.T.: -0.004 min
Response: 70349694
Conc: 41.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



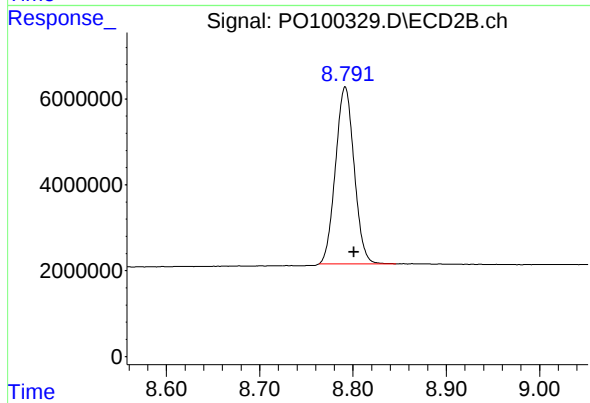
#1 Tetrachloro-m-xylene

R.T.: 3.702 min
Delta R.T.: -0.004 min
Response: 67715991
Conc: 45.15 ng/ml



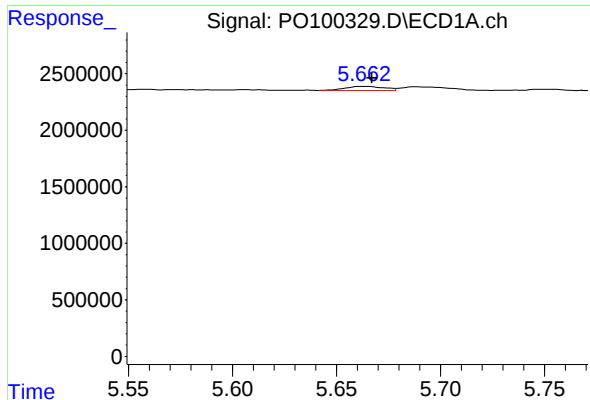
#2 Decachlorobiphenyl

R.T.: 10.354 min
Delta R.T.: -0.003 min
Response: 39737349
Conc: 54.71 ng/ml



#2 Decachlorobiphenyl

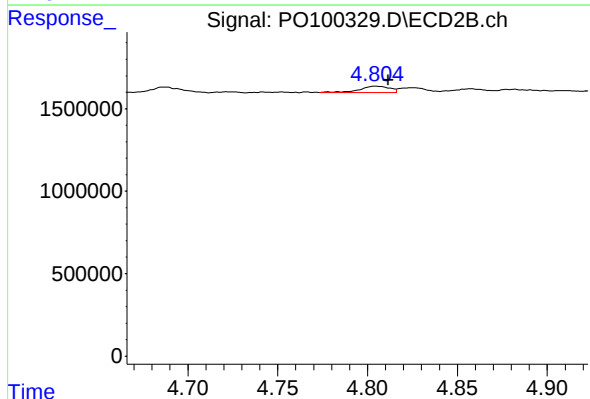
R.T.: 8.792 min
Delta R.T.: -0.009 min
Response: 57441919
Conc: 51.33 ng/ml



#3 AR-1016-1

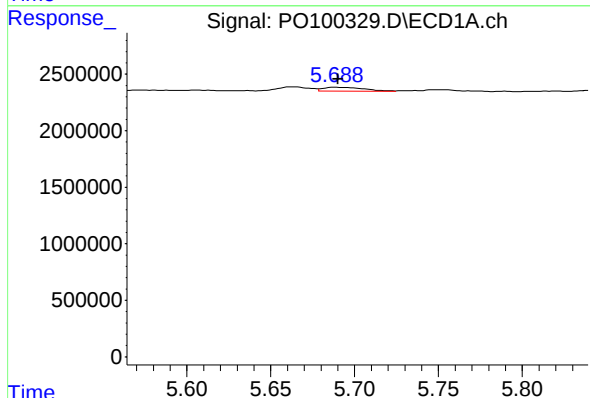
R.T.: 5.663 min
Delta R.T.: -0.004 min
Response: 477726
Conc: 11.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



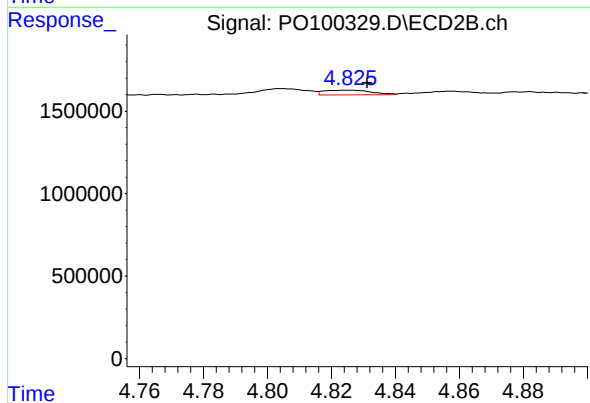
#3 AR-1016-1

R.T.: 4.805 min
Delta R.T.: -0.007 min
Response: 450472
Conc: 14.27 ng/ml



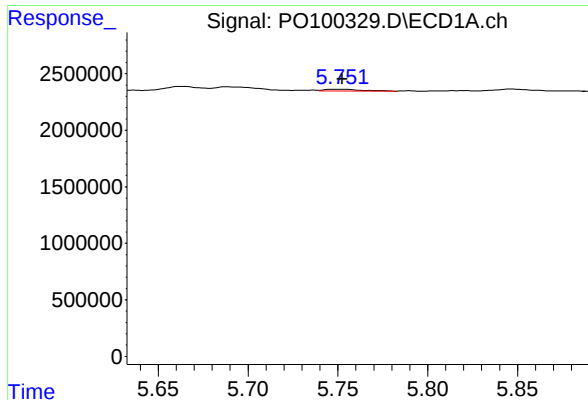
#4 AR-1016-2

R.T.: 5.689 min
Delta R.T.: -0.001 min
Response: 588887
Conc: 9.10 ng/ml



#4 AR-1016-2

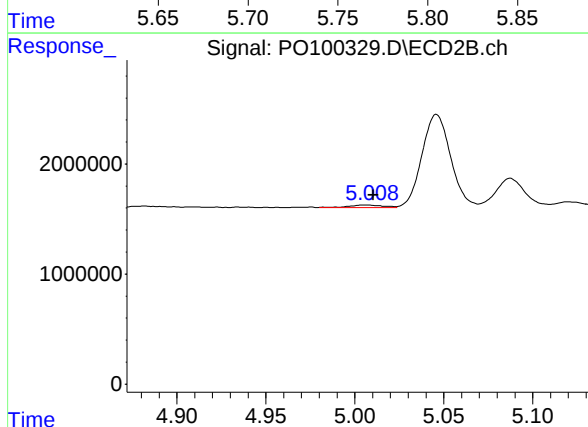
R.T.: 4.825 min
Delta R.T.: -0.006 min
Response: 290007
Conc: 6.71 ng/ml



#5 AR-1016-3

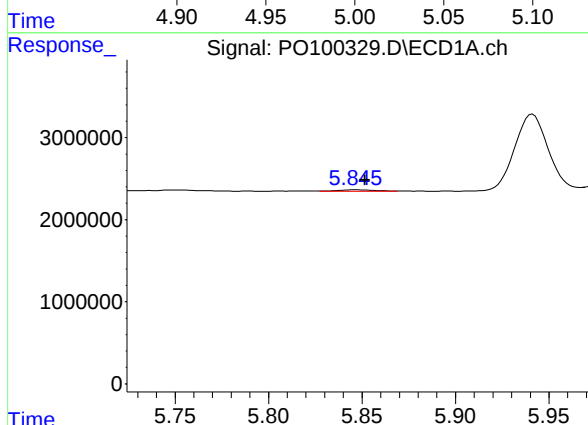
R.T.: 5.747 min
Delta R.T.: -0.006 min
Response: 220103
Conc: 5.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



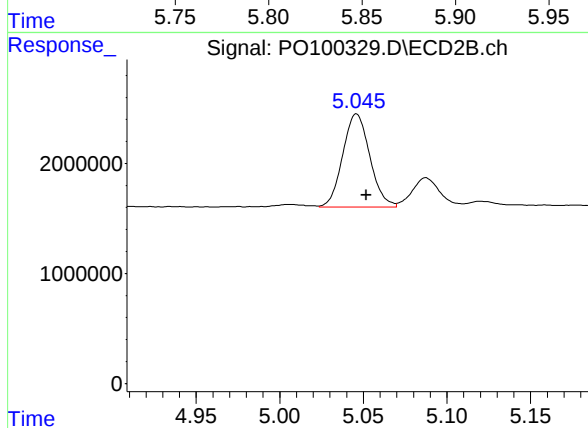
#5 AR-1016-3

R.T.: 5.007 min
Delta R.T.: -0.003 min
Response: 291622
Conc: 12.57 ng/ml



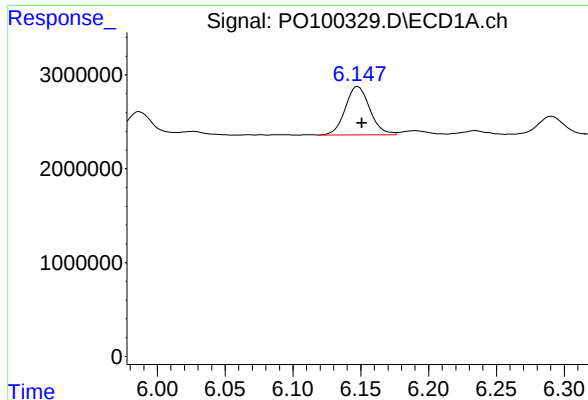
#6 AR-1016-4

R.T.: 5.846 min
Delta R.T.: -0.005 min
Response: 265660
Conc: 8.05 ng/ml



#6 AR-1016-4

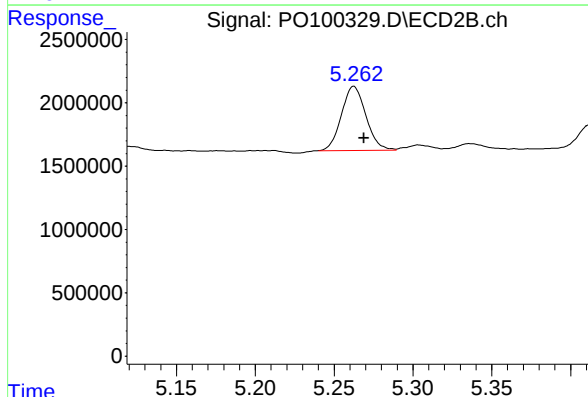
R.T.: 5.046 min
Delta R.T.: -0.006 min
Response: 9543445
Conc: 465.51 ng/ml



#7 AR-1016-5

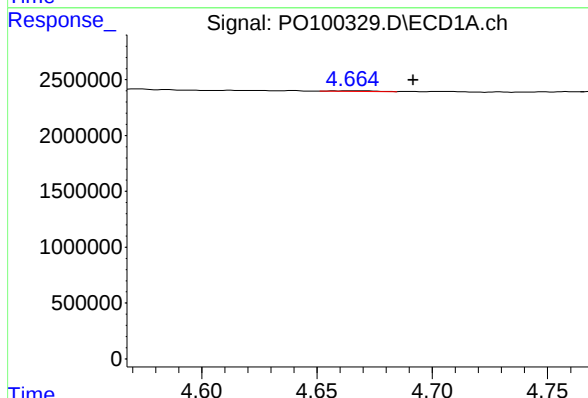
R.T.: 6.148 min
Delta R.T.: -0.003 min
Response: 6484581
Conc: 206.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



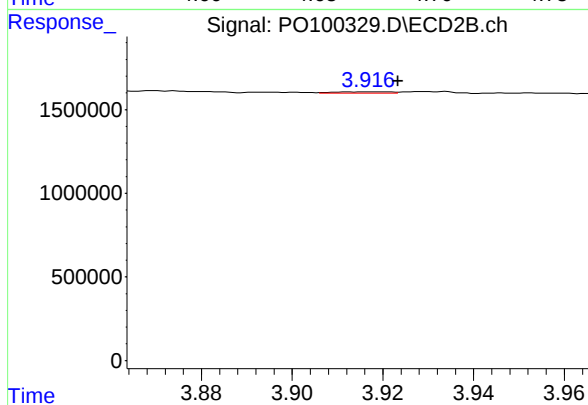
#7 AR-1016-5

R.T.: 5.263 min
Delta R.T.: -0.006 min
Response: 5479014
Conc: 214.84 ng/ml



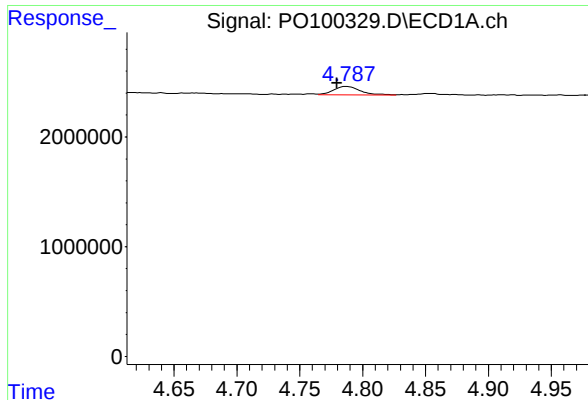
#8 AR-1221-1

R.T.: 4.665 min
Delta R.T.: -0.027 min
Response: 78407
Conc: 3.80 ng/ml



#8 AR-1221-1

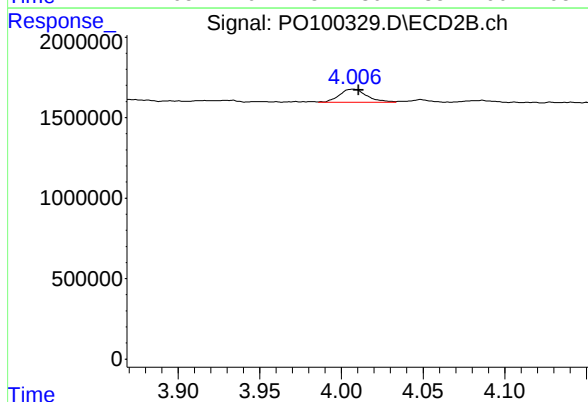
R.T.: 3.917 min
Delta R.T.: -0.007 min
Response: 64906
Conc: 3.41 ng/ml



#9 AR-1221-2

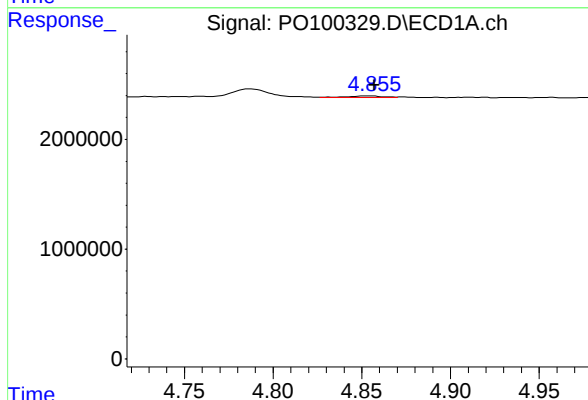
R.T.: 4.787 min
Delta R.T.: 0.007 min
Response: 1095546
Conc: 72.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



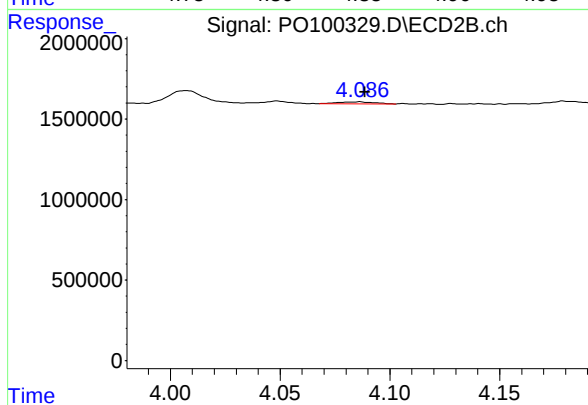
#9 AR-1221-2

R.T.: 4.007 min
Delta R.T.: -0.003 min
Response: 963787
Conc: 73.96 ng/ml



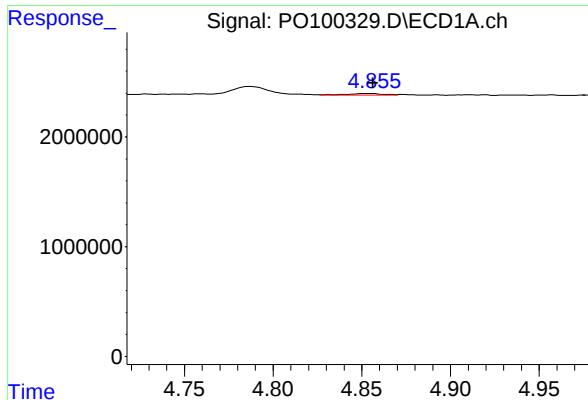
#10 AR-1221-3

R.T.: 4.856 min
Delta R.T.: -0.001 min
Response: 189184
Conc: 4.22 ng/ml



#10 AR-1221-3

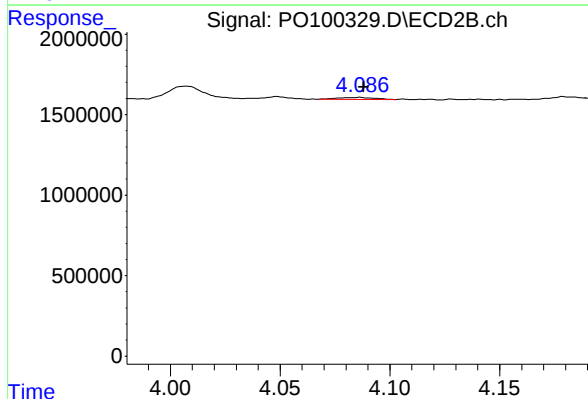
R.T.: 4.086 min
Delta R.T.: -0.002 min
Response: 146591
Conc: 4.08 ng/ml



#11 AR-1232-1

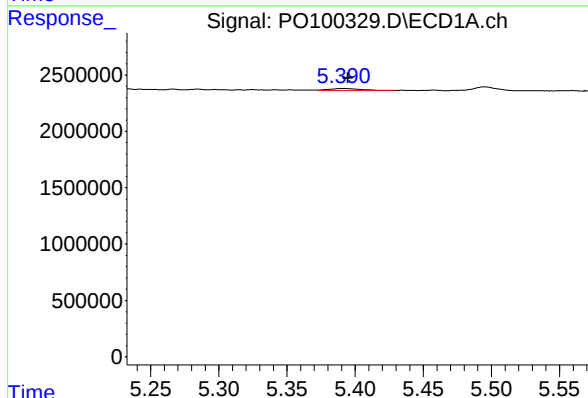
R.T.: 4.856 min
Delta R.T.: 0.000 min
Response: 189184
Conc: 5.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



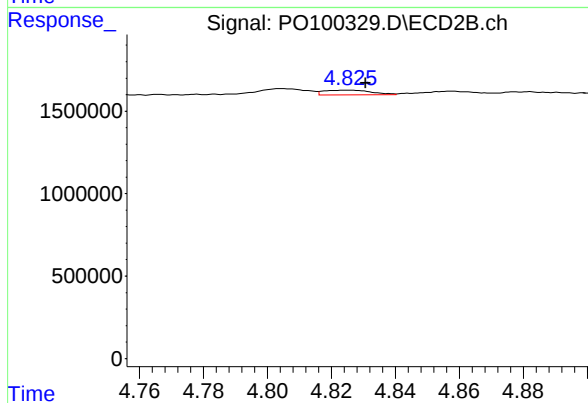
#11 AR-1232-1

R.T.: 4.086 min
Delta R.T.: -0.002 min
Response: 146591
Conc: 5.00 ng/ml



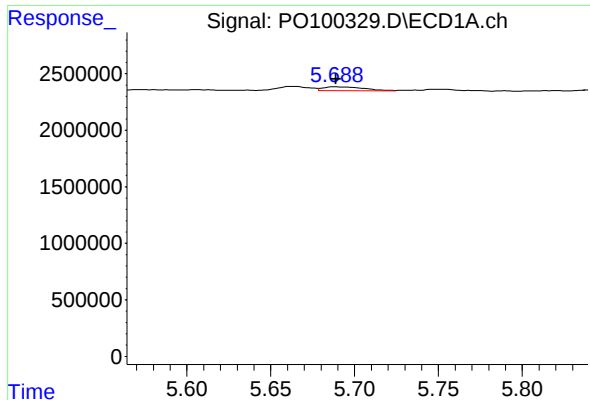
#12 AR-1232-2

R.T.: 5.391 min
Delta R.T.: -0.003 min
Response: 240025
Conc: 13.79 ng/ml



#12 AR-1232-2

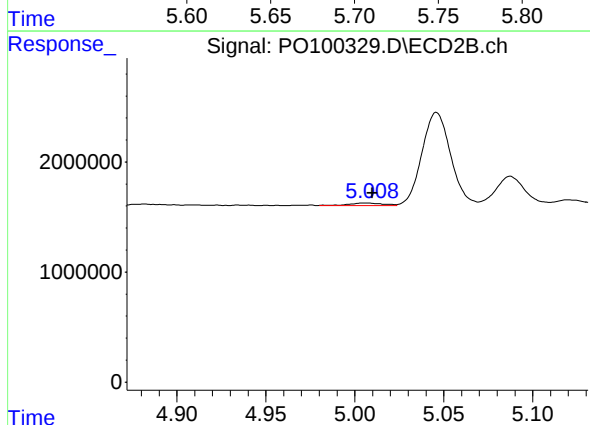
R.T.: 4.825 min
Delta R.T.: -0.005 min
Response: 290007
Conc: 14.62 ng/ml



#13 AR-1232-3

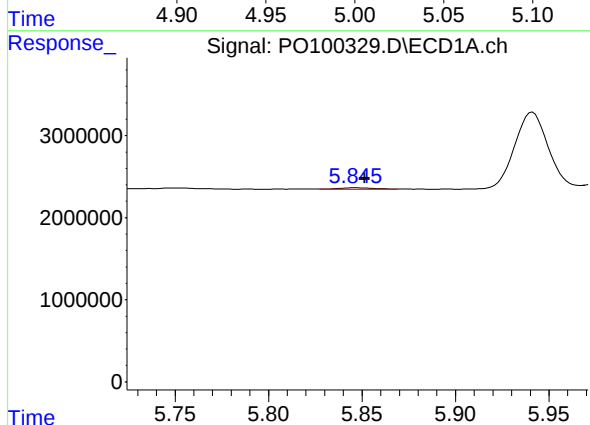
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 588887
Conc: 20.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



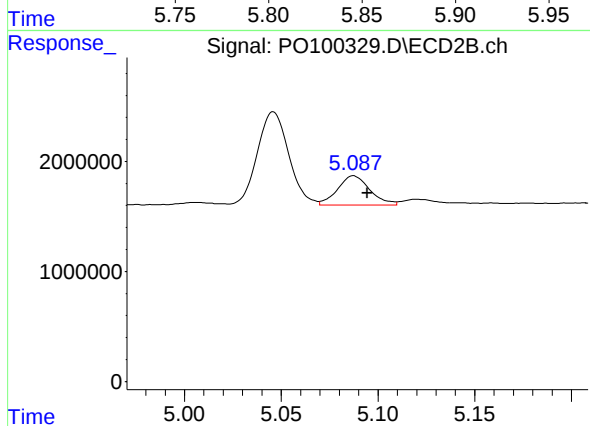
#13 AR-1232-3

R.T.: 5.007 min
Delta R.T.: -0.002 min
Response: 291622
Conc: 28.14 ng/ml



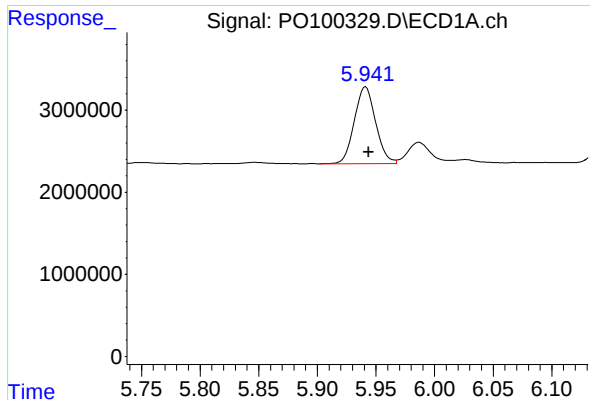
#14 AR-1232-4

R.T.: 5.846 min
Delta R.T.: -0.005 min
Response: 265660
Conc: 19.12 ng/ml



#14 AR-1232-4

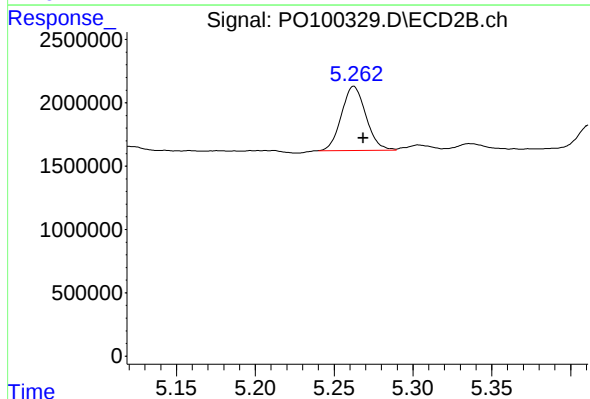
R.T.: 5.087 min
Delta R.T.: -0.007 min
Response: 3078153
Conc: 309.68 ng/ml



#15 AR-1232-5

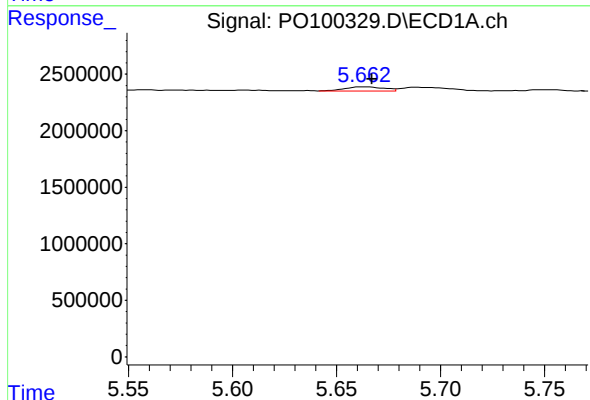
R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 11829570
Conc: 963.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



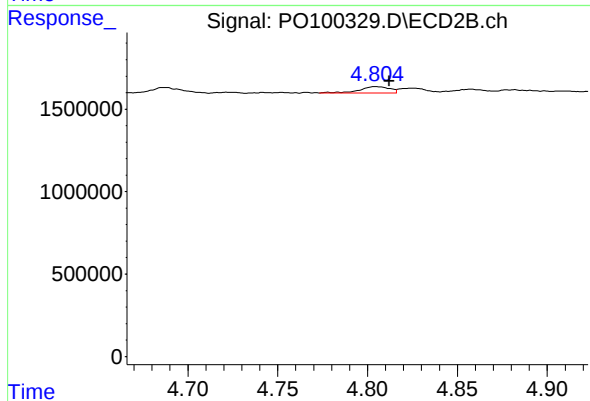
#15 AR-1232-5

R.T.: 5.263 min
Delta R.T.: -0.006 min
Response: 5479014
Conc: 507.31 ng/ml



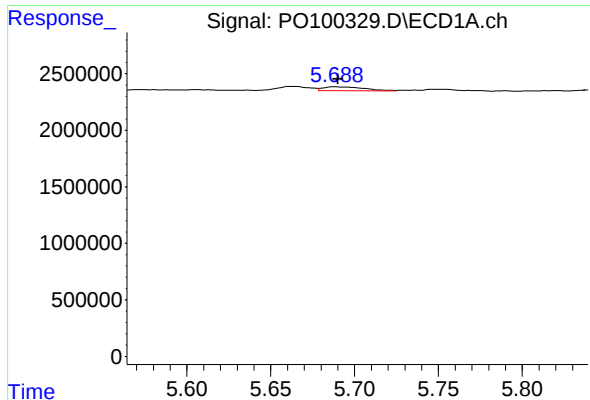
#16 AR-1242-1

R.T.: 5.663 min
Delta R.T.: -0.004 min
Response: 477726
Conc: 13.79 ng/ml



#16 AR-1242-1

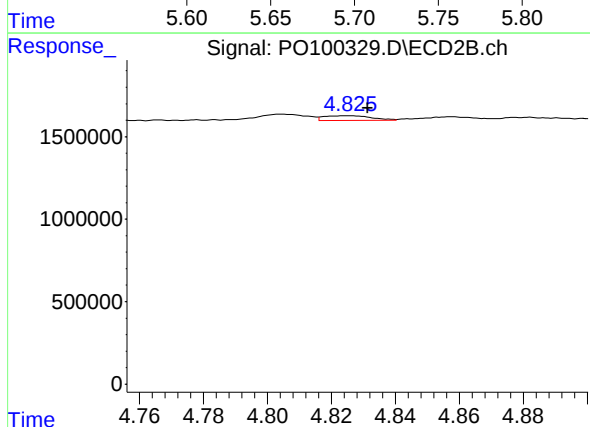
R.T.: 4.805 min
Delta R.T.: -0.007 min
Response: 450472
Conc: 17.14 ng/ml



#17 AR-1242-2

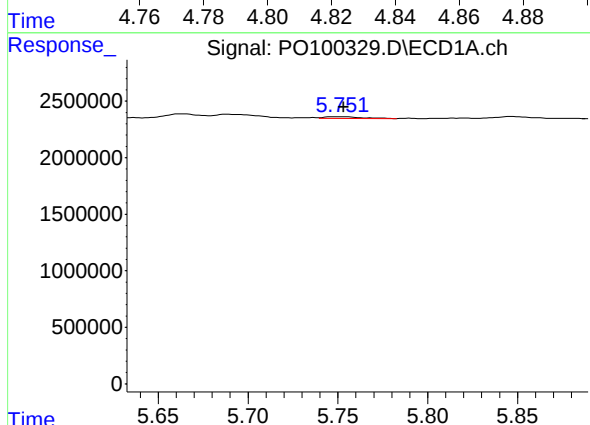
R.T.: 5.689 min
Delta R.T.: -0.002 min
Response: 588887
Conc: 11.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



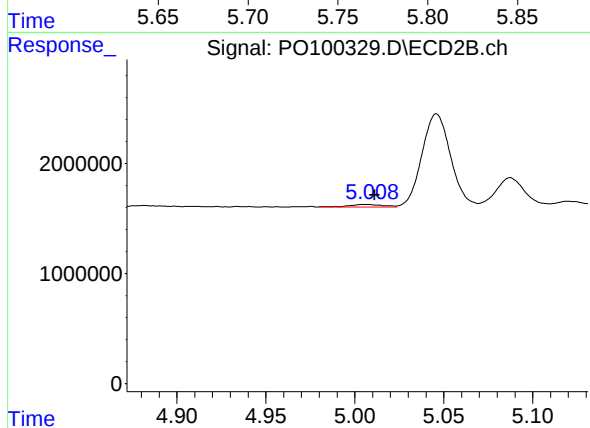
#17 AR-1242-2

R.T.: 4.825 min
Delta R.T.: -0.006 min
Response: 290007
Conc: 8.25 ng/ml



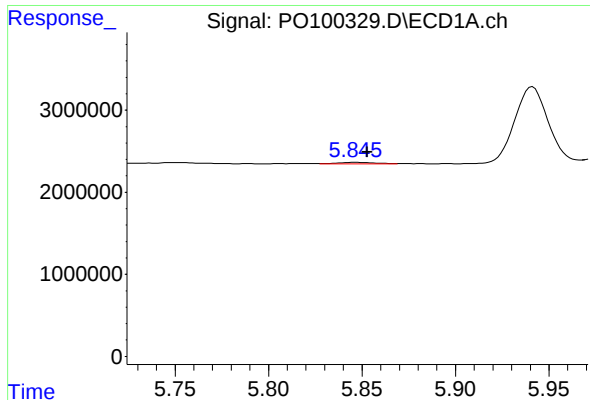
#18 AR-1242-3

R.T.: 5.747 min
Delta R.T.: -0.006 min
Response: 220103
Conc: 6.32 ng/ml



#18 AR-1242-3

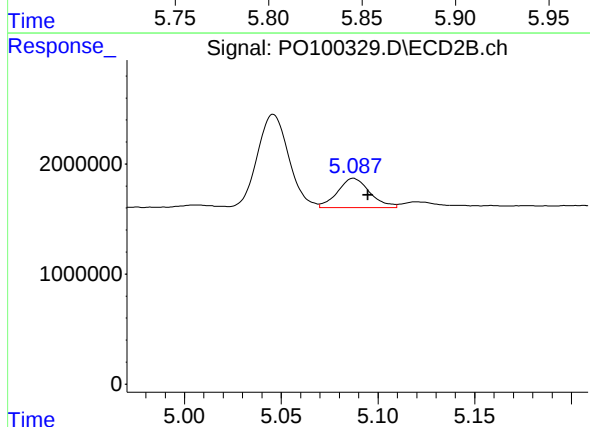
R.T.: 5.007 min
Delta R.T.: -0.004 min
Response: 291622
Conc: 15.23 ng/ml



#19 AR-1242-4

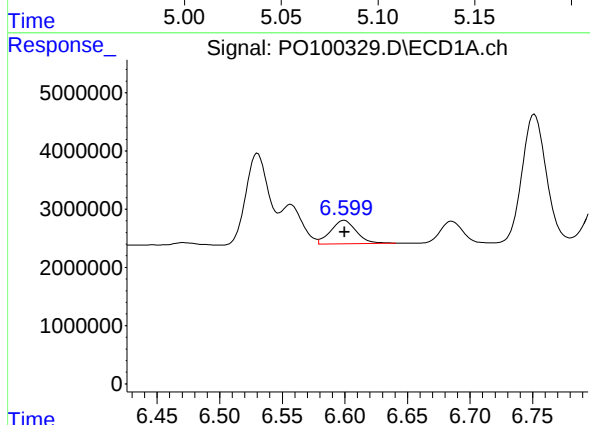
R.T.: 5.846 min
Delta R.T.: -0.006 min
Response: 265660
Conc: 10.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



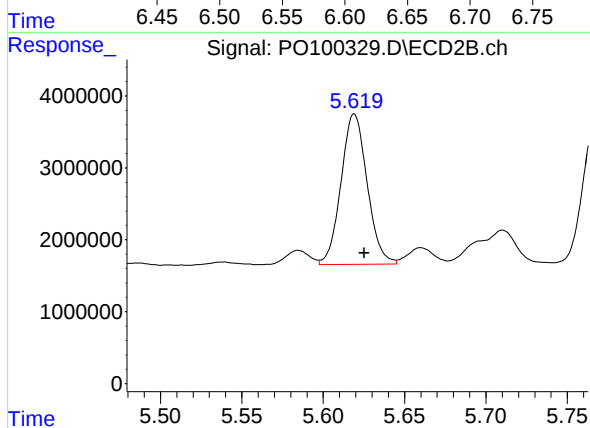
#19 AR-1242-4

R.T.: 5.087 min
Delta R.T.: -0.007 min
Response: 3078153
Conc: 152.82 ng/ml



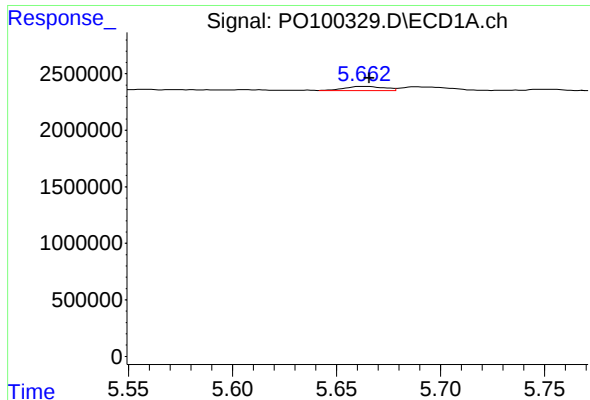
#20 AR-1242-5

R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 5729812
Conc: 256.26 ng/ml



#20 AR-1242-5

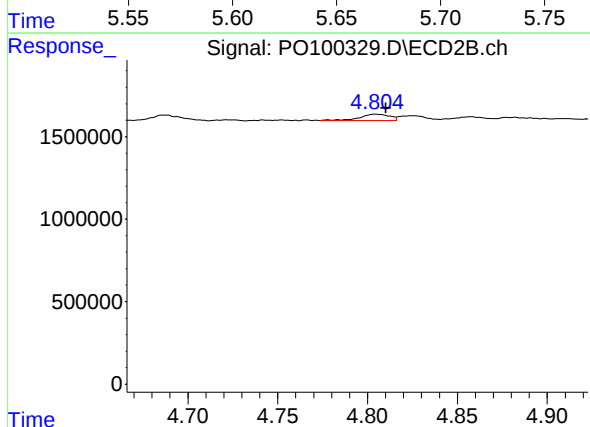
R.T.: 5.619 min
Delta R.T.: -0.006 min
Response: 23407949
Conc: 1001.80 ng/ml



#21 AR-1248-1

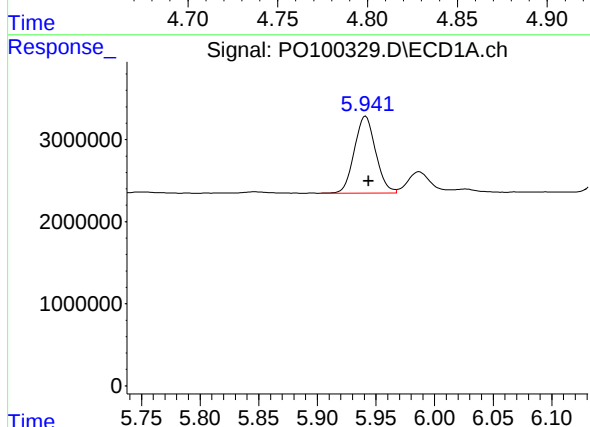
R.T.: 5.663 min
Delta R.T.: -0.003 min
Response: 477726
Conc: 18.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



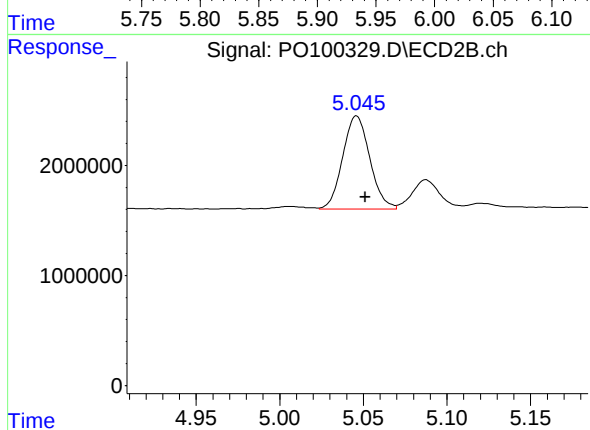
#21 AR-1248-1

R.T.: 4.805 min
Delta R.T.: -0.006 min
Response: 450472
Conc: 22.53 ng/ml



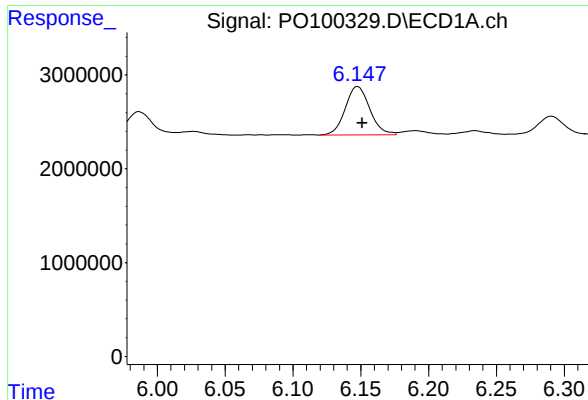
#22 AR-1248-2

R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 11829570
Conc: 289.25 ng/ml



#22 AR-1248-2

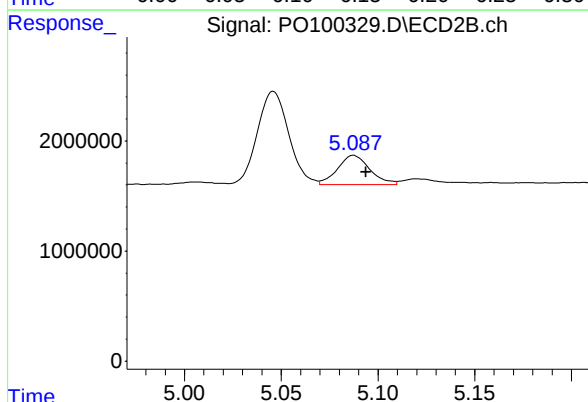
R.T.: 5.046 min
Delta R.T.: -0.005 min
Response: 9543445
Conc: 341.07 ng/ml



#23 AR-1248-3

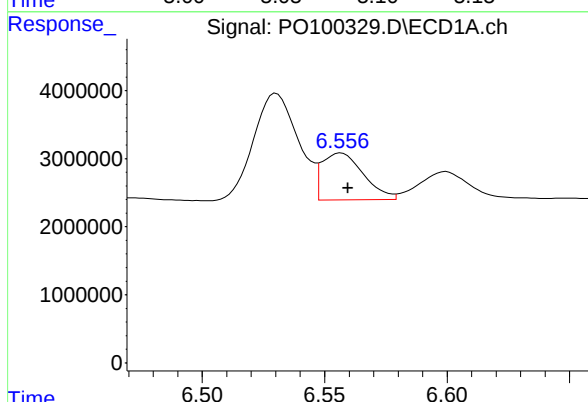
R.T.: 6.148 min
Delta R.T.: -0.003 min
Response: 6484581
Conc: 151.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



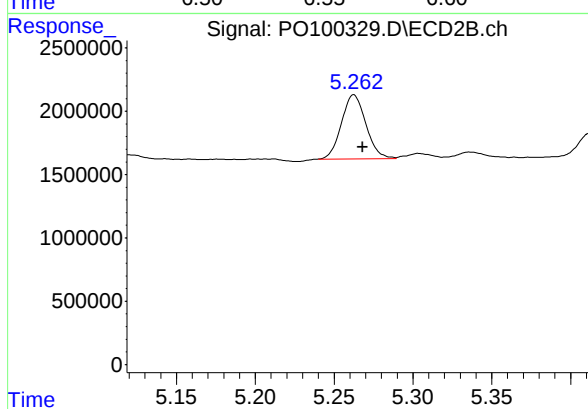
#23 AR-1248-3

R.T.: 5.087 min
Delta R.T.: -0.006 min
Response: 3078153
Conc: 106.59 ng/ml



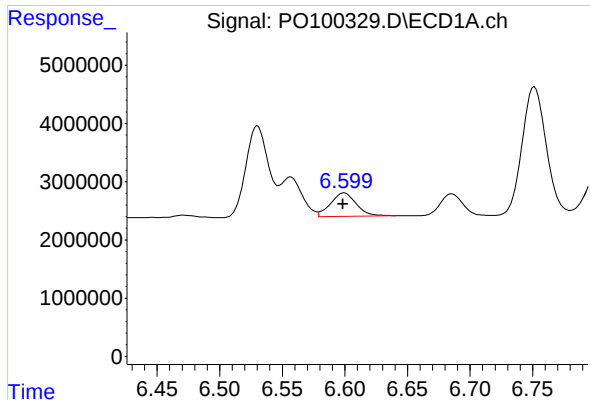
#24 AR-1248-4

R.T.: 6.557 min
Delta R.T.: -0.003 min
Response: 8094319
Conc: 214.75 ng/ml



#24 AR-1248-4

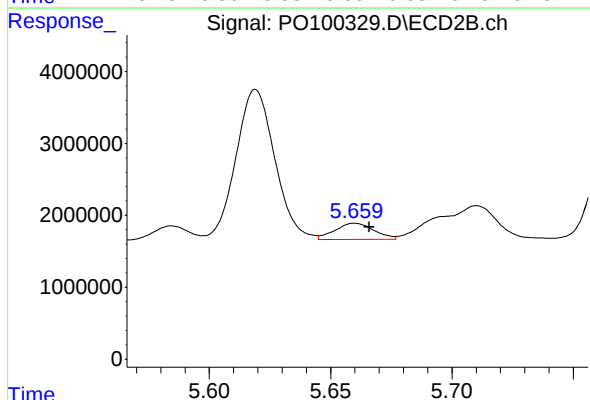
R.T.: 5.263 min
Delta R.T.: -0.006 min
Response: 5479014
Conc: 167.10 ng/ml



#25 AR-1248-5

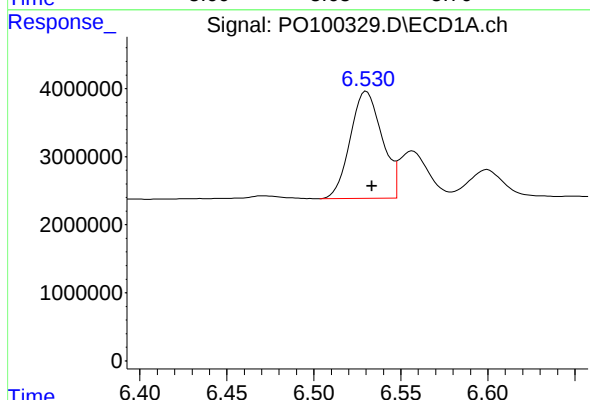
R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 5729812
Conc: 155.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



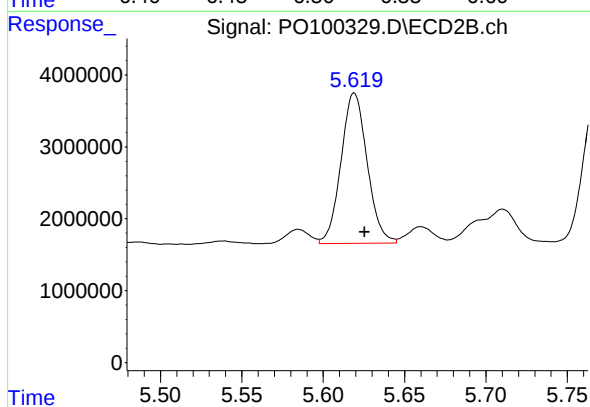
#25 AR-1248-5

R.T.: 5.660 min
Delta R.T.: -0.006 min
Response: 2554888
Conc: 85.53 ng/ml



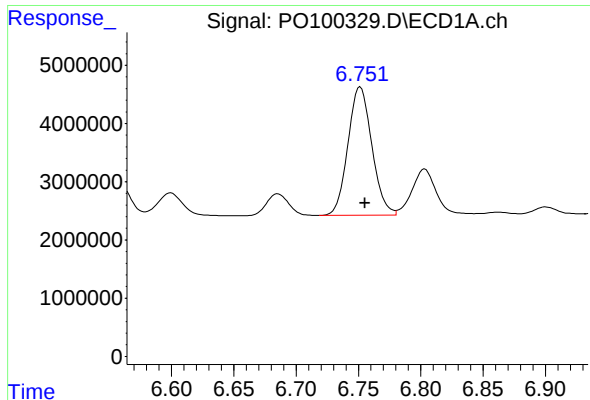
#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: -0.003 min
Response: 20003513
Conc: 415.42 ng/ml



#26 AR-1254-1

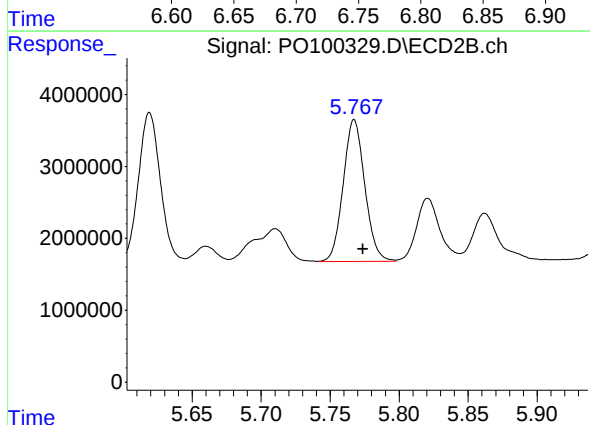
R.T.: 5.619 min
Delta R.T.: -0.006 min
Response: 23407949
Conc: 451.57 ng/ml



#27 AR-1254-2

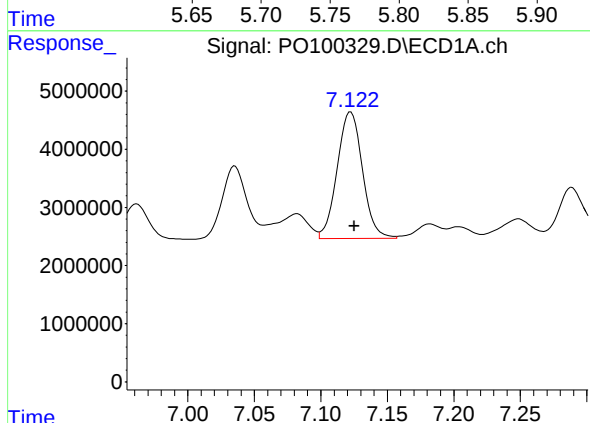
R.T.: 6.751 min
Delta R.T.: -0.004 min
Response: 29559771
Conc: 431.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



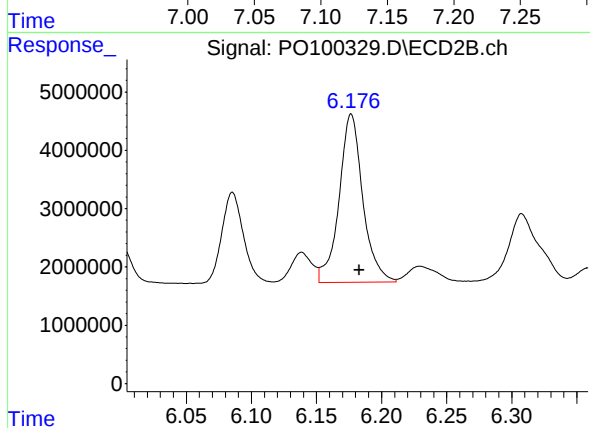
#27 AR-1254-2

R.T.: 5.767 min
Delta R.T.: -0.006 min
Response: 21507583
Conc: 461.86 ng/ml



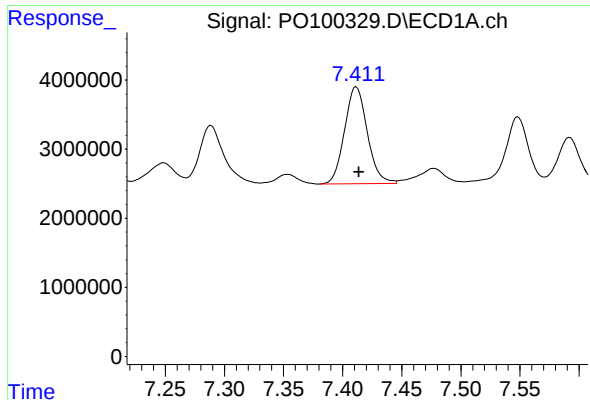
#28 AR-1254-3

R.T.: 7.122 min
Delta R.T.: -0.003 min
Response: 28879912
Conc: 453.32 ng/ml



#28 AR-1254-3

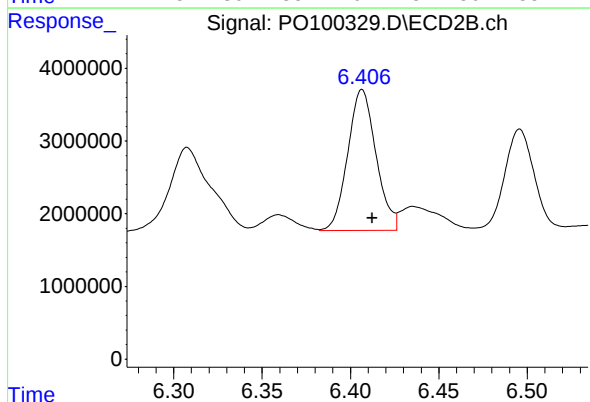
R.T.: 6.177 min
Delta R.T.: -0.006 min
Response: 36671655
Conc: 470.21 ng/ml



#29 AR-1254-4

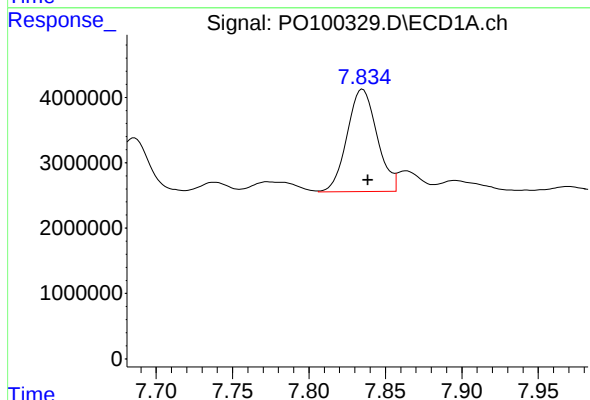
R.T.: 7.412 min
Delta R.T.: -0.002 min
Response: 18779428
Conc: 496.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



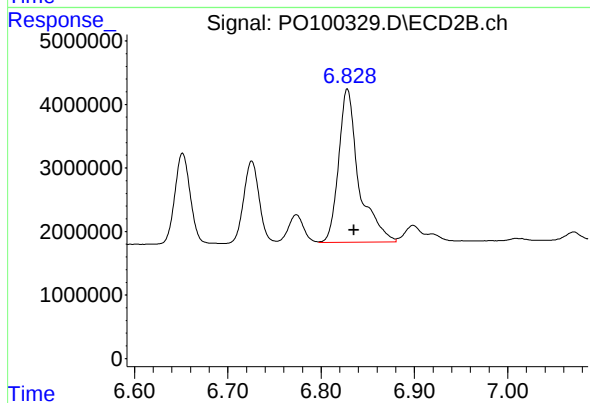
#29 AR-1254-4

R.T.: 6.407 min
Delta R.T.: -0.006 min
Response: 21555337
Conc: 505.08 ng/ml



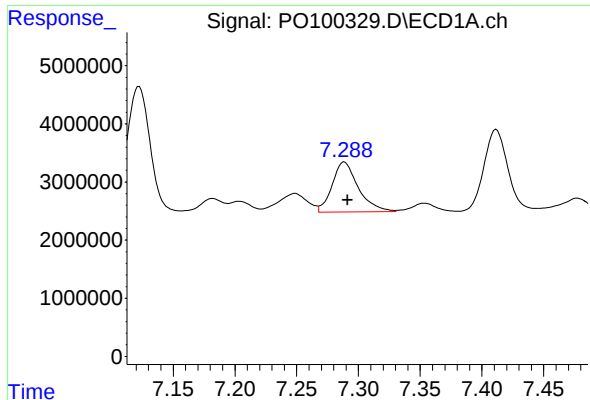
#30 AR-1254-5

R.T.: 7.835 min
Delta R.T.: -0.003 min
Response: 21441082
Conc: 500.93 ng/ml



#30 AR-1254-5

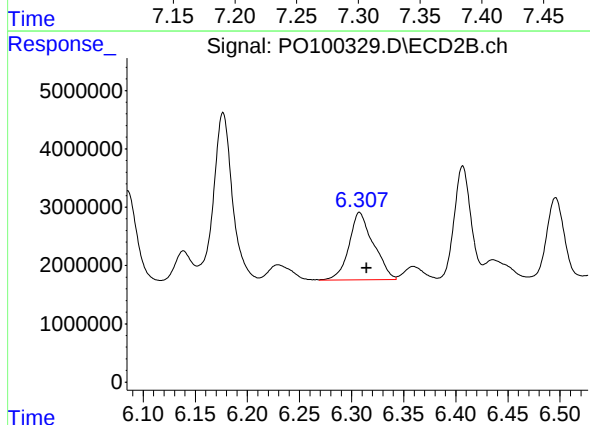
R.T.: 6.828 min
Delta R.T.: -0.007 min
Response: 36360537
Conc: 502.47 ng/ml



#31 AR-1260-1

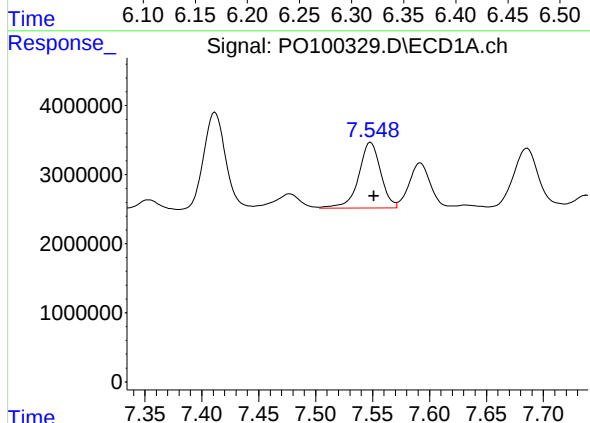
R.T.: 7.289 min
Delta R.T.: -0.003 min
Response: 12639811
Conc: 237.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



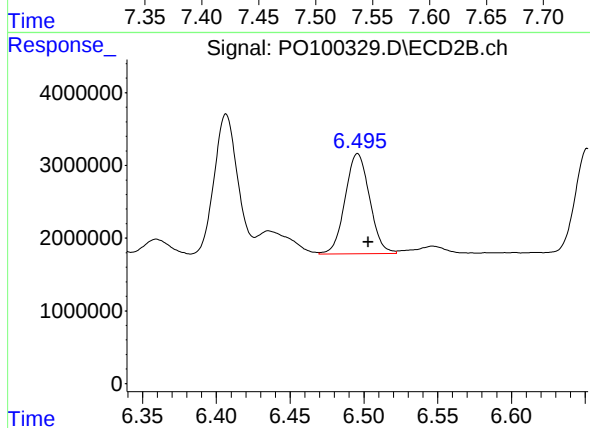
#31 AR-1260-1

R.T.: 6.308 min
Delta R.T.: -0.007 min
Response: 18820952
Conc: 325.71 ng/ml



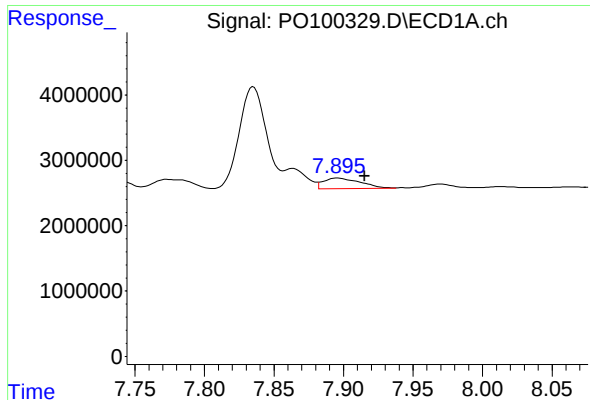
#32 AR-1260-2

R.T.: 7.548 min
Delta R.T.: -0.003 min
Response: 12722200
Conc: 240.51 ng/ml



#32 AR-1260-2

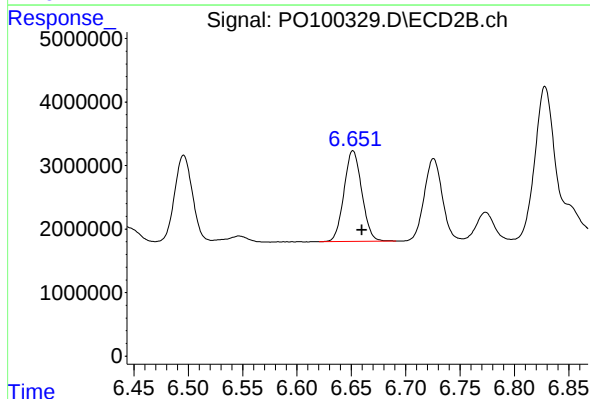
R.T.: 6.496 min
Delta R.T.: -0.007 min
Response: 15945099
Conc: 240.08 ng/ml



#33 AR-1260-3

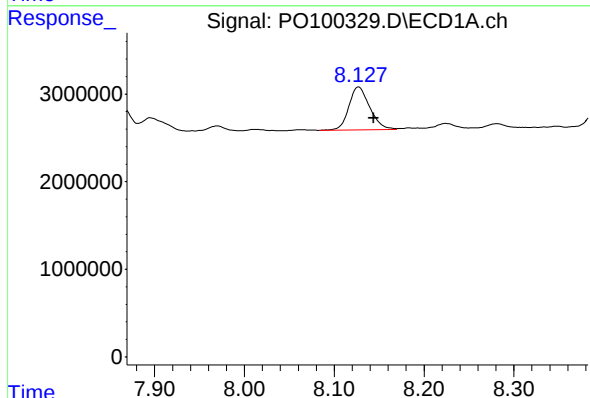
R.T.: 7.895 min
Delta R.T.: -0.020 min
Response: 2971935
Conc: 83.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



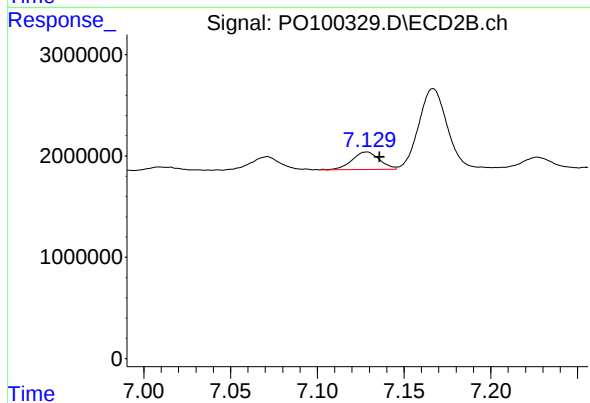
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: -0.008 min
Response: 16289840
Conc: 254.58 ng/ml



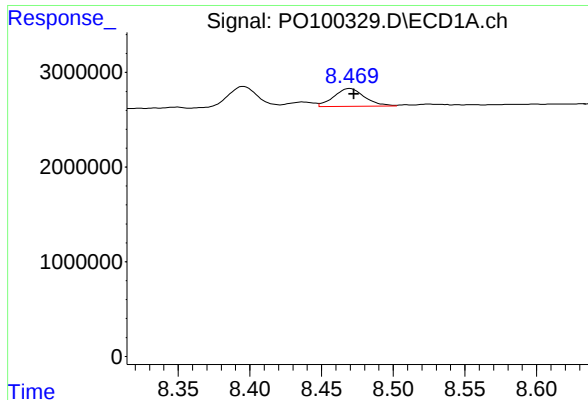
#34 AR-1260-4

R.T.: 8.127 min
Delta R.T.: -0.016 min
Response: 7837357
Conc: 189.36 ng/ml



#34 AR-1260-4

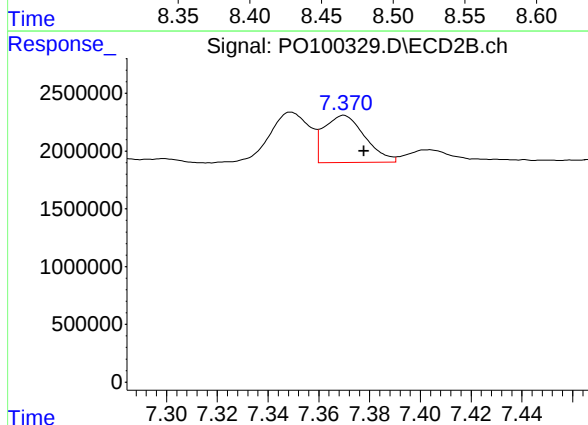
R.T.: 7.128 min
Delta R.T.: -0.007 min
Response: 1881031
Conc: 37.30 ng/ml



#35 AR-1260-5

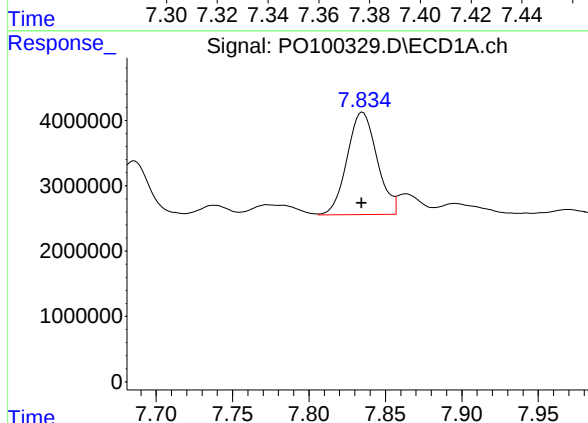
R.T.: 8.470 min
Delta R.T.: -0.003 min
Response: 2845490
Conc: 42.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



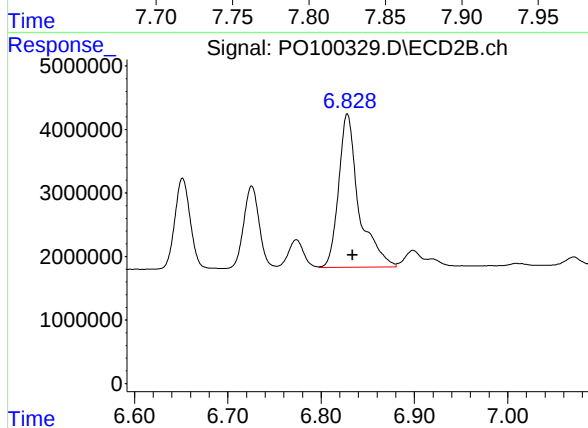
#35 AR-1260-5

R.T.: 7.370 min
Delta R.T.: -0.008 min
Response: 4590437
Conc: 40.95 ng/ml



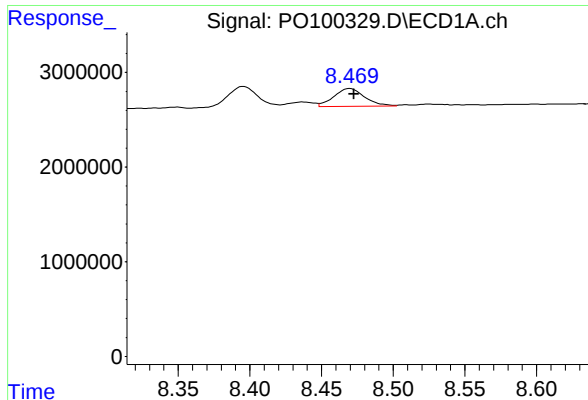
#36 AR-1262-1

R.T.: 7.835 min
Delta R.T.: 0.000 min
Response: 21441082
Conc: 592.76 ng/ml



#36 AR-1262-1

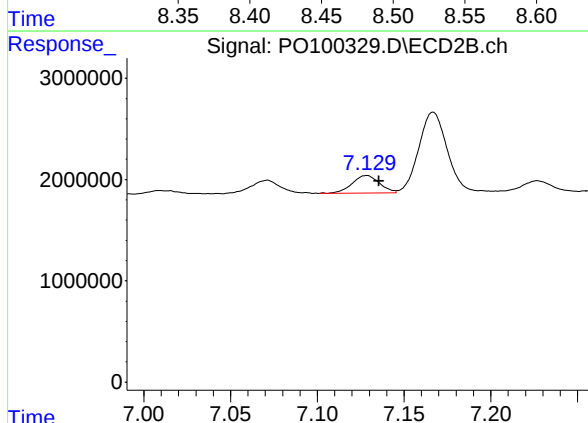
R.T.: 6.828 min
Delta R.T.: -0.006 min
Response: 36360537
Conc: 951.32 ng/ml



#37 AR-1262-2

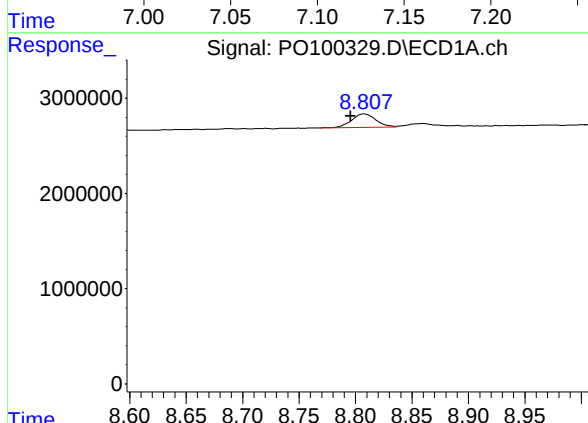
R.T.: 8.470 min
Delta R.T.: -0.003 min
Response: 2845490
Conc: 33.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



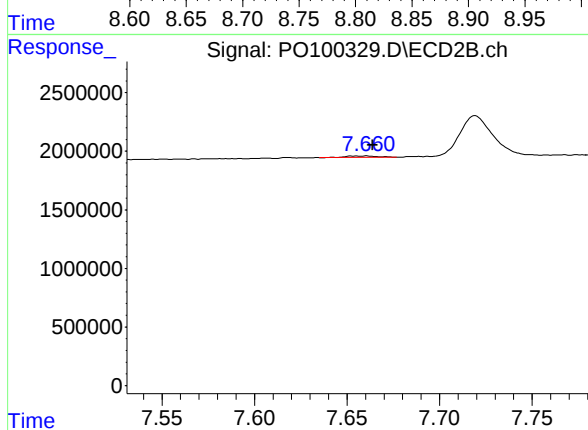
#37 AR-1262-2

R.T.: 7.128 min
Delta R.T.: -0.007 min
Response: 1881031
Conc: 24.94 ng/ml



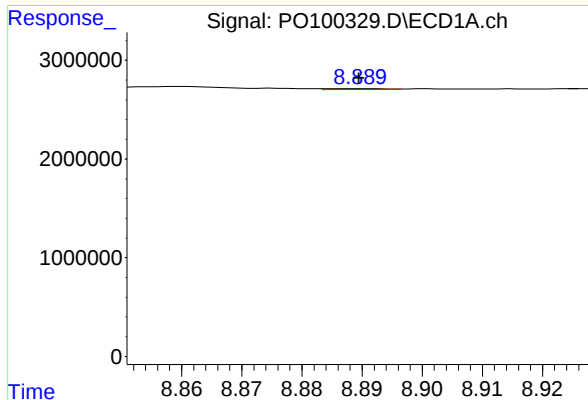
#38 AR-1262-3

R.T.: 8.808 min
Delta R.T.: 0.012 min
Response: 2163242
Conc: 35.91 ng/ml



#38 AR-1262-3

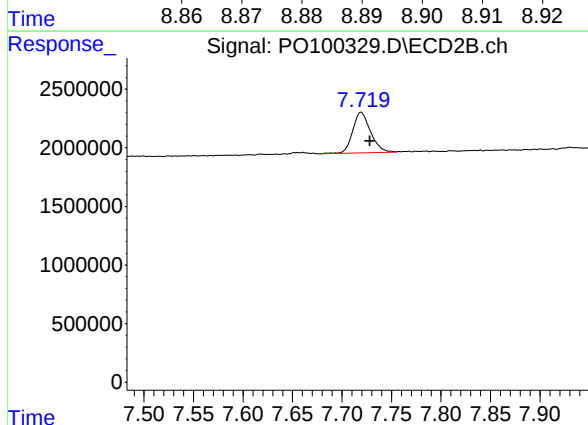
R.T.: 7.661 min
Delta R.T.: -0.003 min
Response: 141976
Conc: 2.44 ng/ml



#39 AR-1262-4

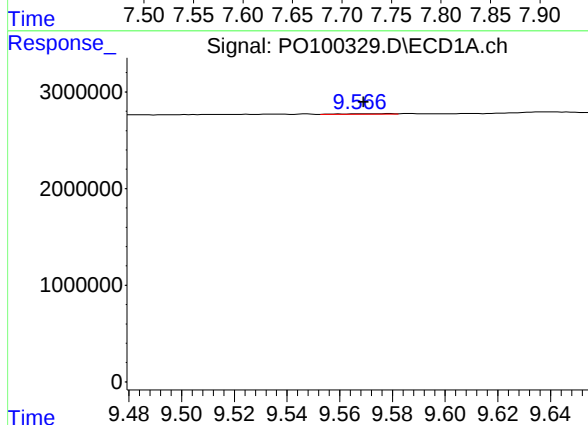
R.T.: 8.890 min
Delta R.T.: 0.000 min
Response: 58979
Conc: 1.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



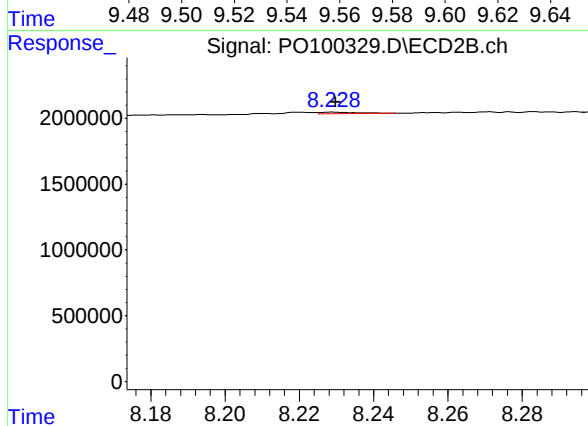
#39 AR-1262-4

R.T.: 7.719 min
Delta R.T.: -0.009 min
Response: 4384604
Conc: 42.66 ng/ml



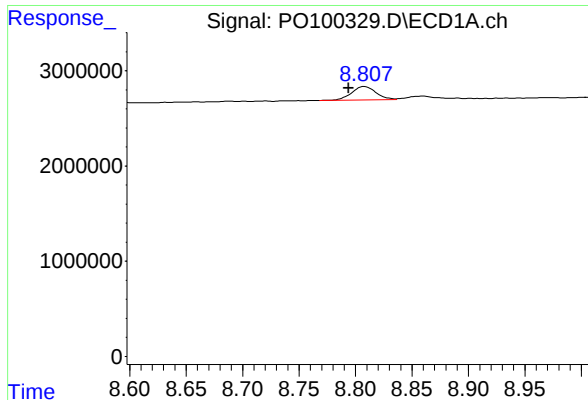
#40 AR-1262-5

R.T.: 9.579 min
Delta R.T.: 0.010 min
Response: 65950
Conc: 2.53 ng/ml



#40 AR-1262-5

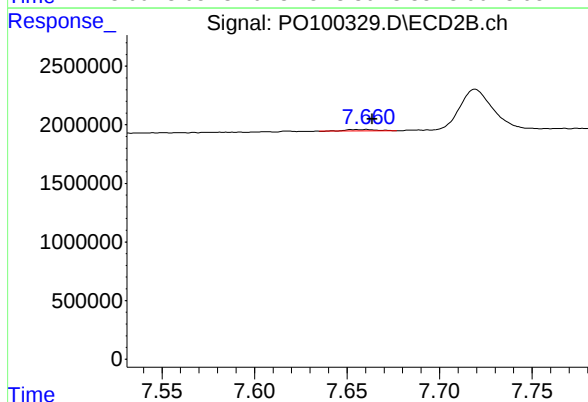
R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 80094
Conc: 1.84 ng/ml



#41 AR-1268-1

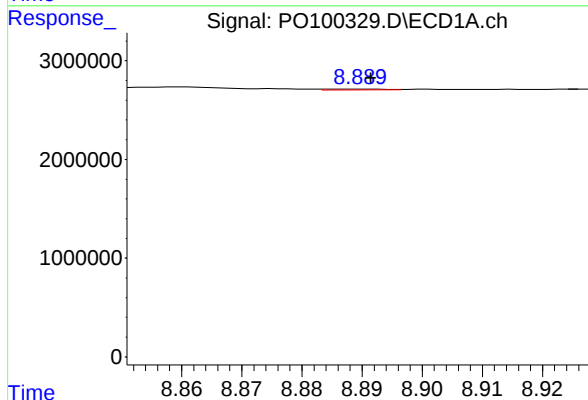
R.T.: 8.808 min
Delta R.T.: 0.014 min
Response: 2163242
Conc: 19.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



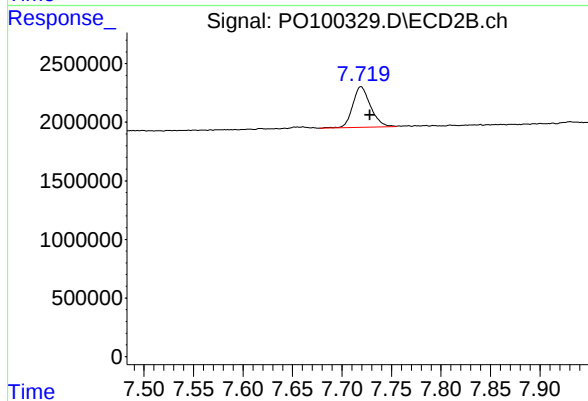
#41 AR-1268-1

R.T.: 7.661 min
Delta R.T.: -0.003 min
Response: 141976
Conc: 0.85 ng/ml



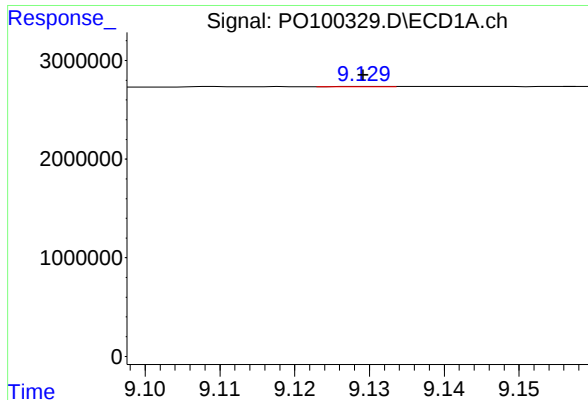
#42 AR-1268-2

R.T.: 8.890 min
Delta R.T.: -0.002 min
Response: 58979
Conc: 0.61 ng/ml



#42 AR-1268-2

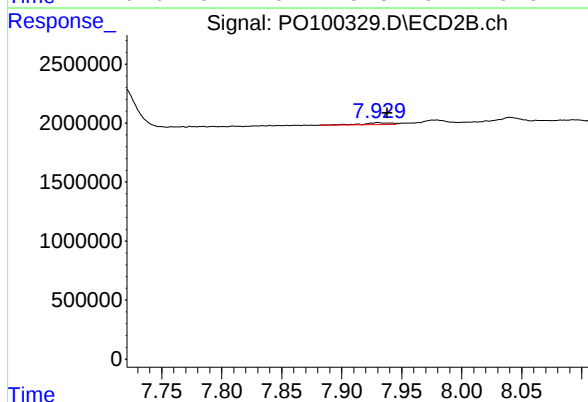
R.T.: 7.719 min
Delta R.T.: -0.009 min
Response: 4384604
Conc: 28.72 ng/ml



#43 AR-1268-3

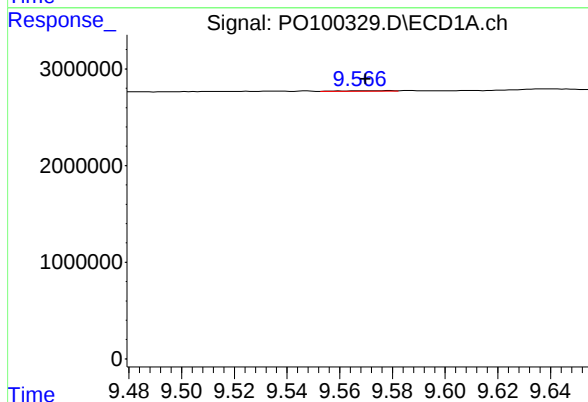
R.T.: 9.129 min
Delta R.T.: 0.000 min
Response: 15467
Conc: 0.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



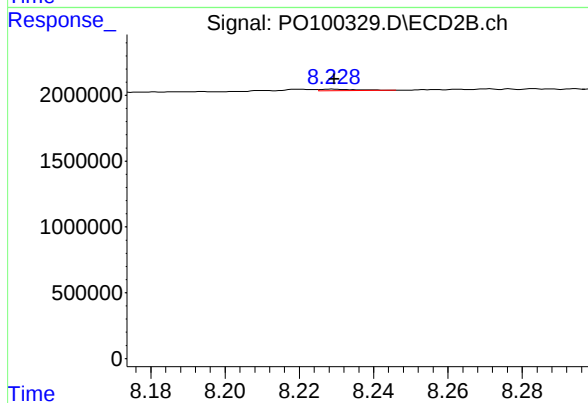
#43 AR-1268-3

R.T.: 7.930 min
Delta R.T.: -0.008 min
Response: 297444
Conc: 2.08 ng/ml



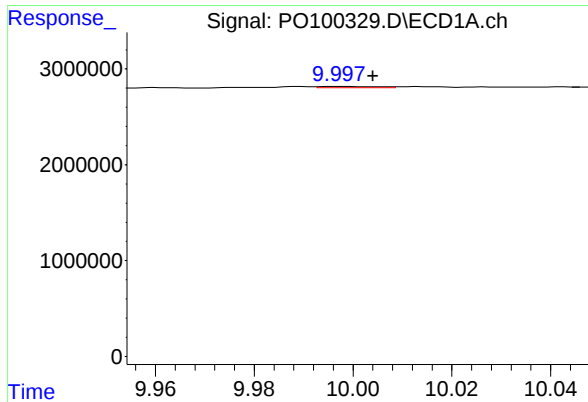
#44 AR-1268-4

R.T.: 9.579 min
Delta R.T.: 0.009 min
Response: 65950
Conc: 2.32 ng/ml



#44 AR-1268-4

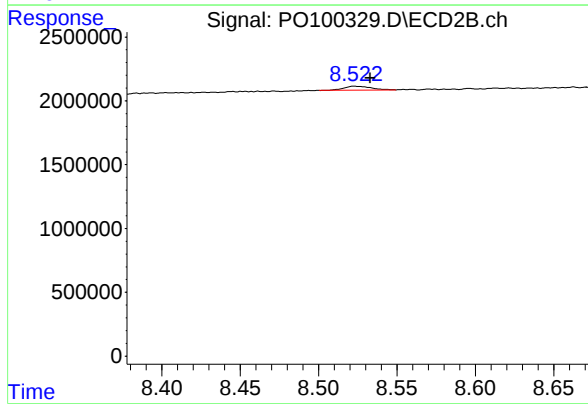
R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 80094
Conc: 1.70 ng/ml



#45 AR-1268-5

R.T.: 9.997 min
Delta R.T.: -0.007 min
Response: 99495
Conc: 0.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.523 min
Delta R.T.: -0.010 min
Response: 385952
Conc: 0.97 ng/ml