

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P012223\
 Data File : P0100725.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Dec 2023 22:58
 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 23 00:07:38 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...	4.347	3.644	163.6E6	103.9E6	52.429	50.860
2) SA Decachlor...	10.085	8.703	110.9E6	83460653	53.069	55.296
Target Compounds						
3) L1 AR-1016-1	5.515	4.739	1478369	1147633	17.225	18.545
4) L1 AR-1016-2	5.541	4.758	1978979	934415	15.503	10.598 #
5) L1 AR-1016-3	5.599	4.939	963726	642813	12.220	13.760
6) L1 AR-1016-4	5.698	4.978	772338	24115601	12.674	587.640 #
7) L1 AR-1016-5	5.994	5.194	17906095	14346568	292.514	276.178
8) L2 AR-1221-1	4.557	3.873	484117	92828	13.096	3.697 #
9) L2 AR-1221-2	4.652	3.947	2602183	1762852	93.700	91.804
10) L2 AR-1221-3	4.717	4.022	1032831	437539	12.375	7.435 #
11) L3 AR-1232-1	4.717	4.022	1032831	437539	15.492	9.254 #
12) L3 AR-1232-2	5.246	4.758	800326	934415	22.828	22.403
13) L3 AR-1232-3	5.541	4.939	1978979	642813	33.168	29.963
14) L3 AR-1232-4	5.698	5.020	772338	7711232	28.167	362.934 #
15) L3 AR-1232-5	5.790	5.194	32711927	14346568	1360.561	656.487 #
16) L4 AR-1242-1	5.515	4.739	1478369	1147633	20.961	21.973
17) L4 AR-1242-2	5.541	4.758	1978979	934415	18.854	12.893 #
18) L4 AR-1242-3	5.599	4.939	963726	642813	14.826	16.776
19) L4 AR-1242-4	5.698	5.020	772338	7711232	15.423	185.003 #
20) L4 AR-1242-5	6.440	5.550	16416747	53367940	317.190	1162.836 #
21) L5 AR-1248-1	5.515	4.739	1478369	1147633	26.948	28.699
22) L5 AR-1248-2	5.790	4.978	32711927	24115601	378.753	400.840
23) L5 AR-1248-3	5.994	5.020	17906095	7711232	204.004	123.361 #
24) L5 AR-1248-4	6.399	5.194	23001548	14346568	255.837	199.173
25) L5 AR-1248-5	6.440	5.591	16416747	6521661	182.895	105.713 #
26) L6 AR-1254-1	6.372	5.550	51973613	53367940	494.428	520.004
27) L6 AR-1254-2	6.591	5.698	75122161	47342532	508.746	515.313
28) L6 AR-1254-3	6.958	6.107	72590809	72087925	518.402	533.044
29) L6 AR-1254-4	7.245	6.337	46102812	40337427	542.304	559.223
30) L6 AR-1254-5	7.666	6.757	61366230	63274206	518.618	549.143
31) L7 AR-1260-1	7.123	6.237	29118325	36097787	212.547	378.965 #
32) L7 AR-1260-2	7.381	6.425	30640327	27438255	243.624	255.278
33) L7 AR-1260-3	7.725	6.580	8495677	28471304	87.707	277.777 #
34) L7 AR-1260-4	7.954	7.056	20827541	3247590	197.368	39.835 #
35) L7 AR-1260-5	8.285	7.297	10468983	7133729	49.595	39.527
36) L8 AR-1262-1	7.666	6.757	61366230	63274206	614.278	1014.358 #
37) L8 AR-1262-2	8.285	7.056	10468983	3247590	44.116	28.738 #
38) L8 AR-1262-3	8.609	7.585	6712547	130274	41.333	1.692 #
39) L8 AR-1262-4	8.686	7.646	462155	6582262	3.585	44.556 #
40) L8 AR-1262-5	9.335	8.147	299374	447713	3.753	7.001 #
41) L9 AR-1268-1	8.609	7.585	6712547	130274	23.756	0.588 #

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 ALS Vial : 6 Sample Multiplier: 1

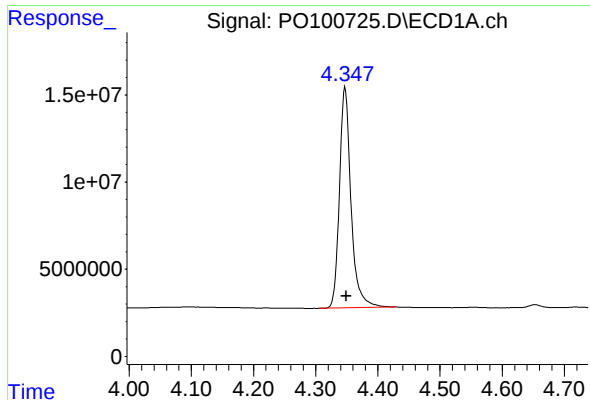
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 23 00:07:38 2023
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 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	8.686	7.646	462155	6582262	1.829	32.544 #
43) L9	AR-1268-3	8.925	7.857	500991	811681	2.196	4.302 #
44) L9	AR-1268-4	9.335	8.147	299374	447713	3.823	6.668 #
45) L9	AR-1268-5	9.748	8.442	297262	728746	0.415	1.405 #

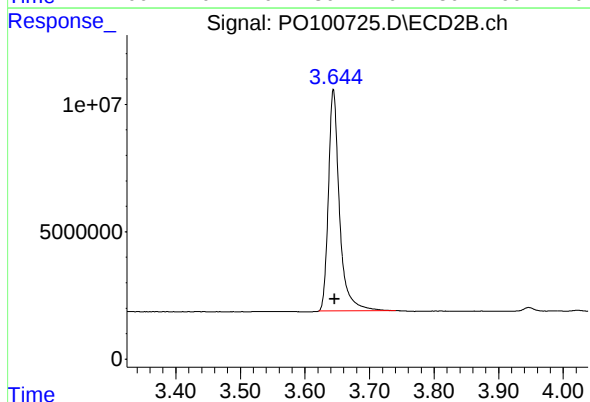
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

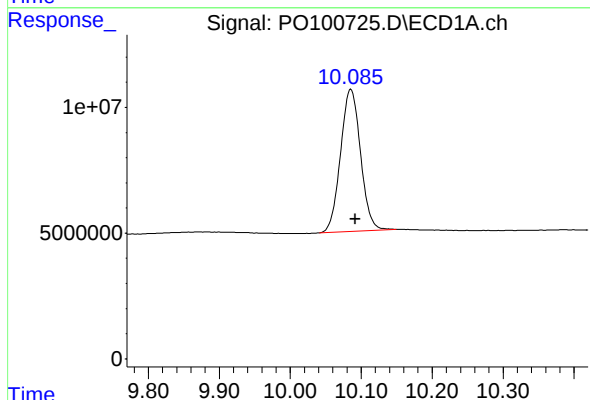
R.T.: 4.347 min
Delta R.T.: -0.002 min
Response: 163593747
Conc: 52.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



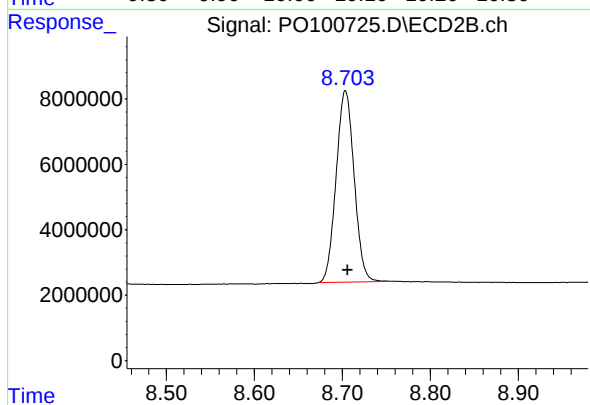
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.002 min
Response: 103928605
Conc: 50.86 ng/ml



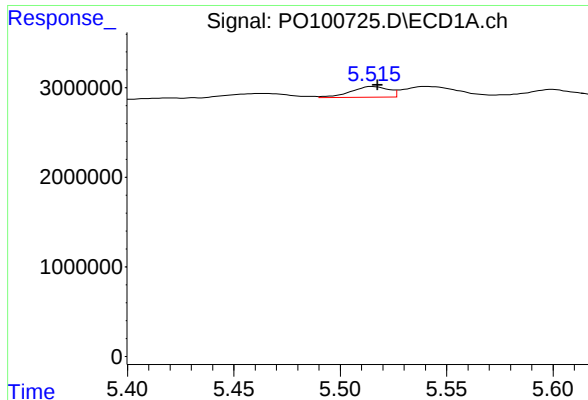
#2 Decachlorobiphenyl

R.T.: 10.085 min
Delta R.T.: -0.006 min
Response: 110868017
Conc: 53.07 ng/ml



#2 Decachlorobiphenyl

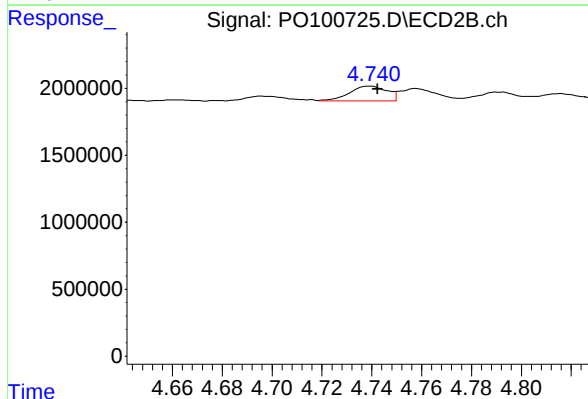
R.T.: 8.703 min
Delta R.T.: -0.002 min
Response: 83460653
Conc: 55.30 ng/ml



#3 AR-1016-1

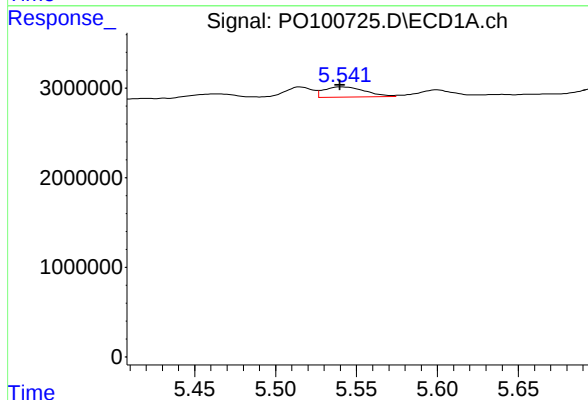
R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 1478369
Conc: 17.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



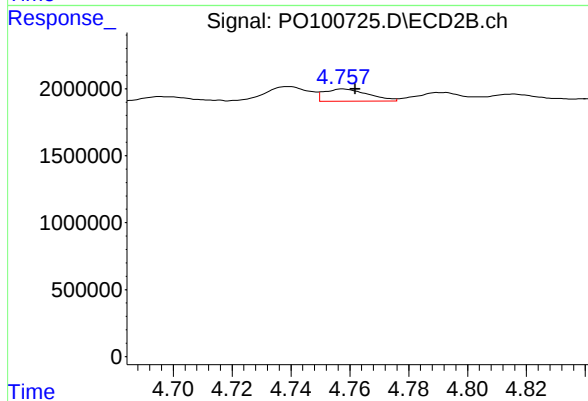
#3 AR-1016-1

R.T.: 4.739 min
Delta R.T.: -0.003 min
Response: 1147633
Conc: 18.54 ng/ml



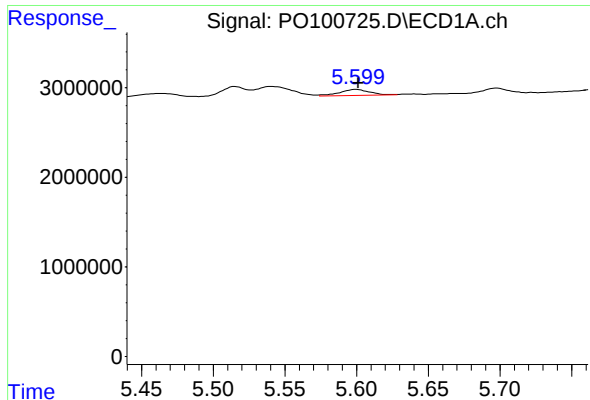
#4 AR-1016-2

R.T.: 5.541 min
Delta R.T.: 0.002 min
Response: 1978979
Conc: 15.50 ng/ml



#4 AR-1016-2

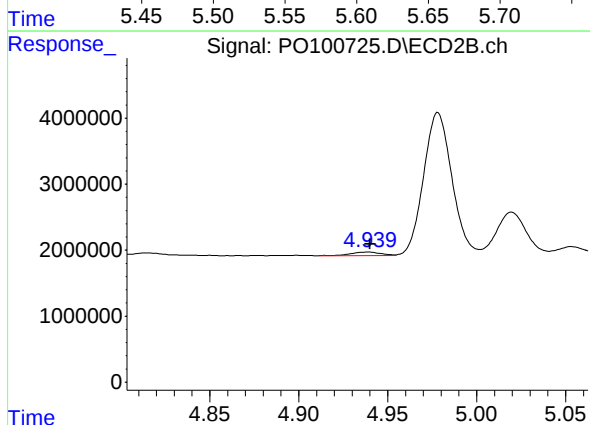
R.T.: 4.758 min
Delta R.T.: -0.004 min
Response: 934415
Conc: 10.60 ng/ml



#5 AR-1016-3

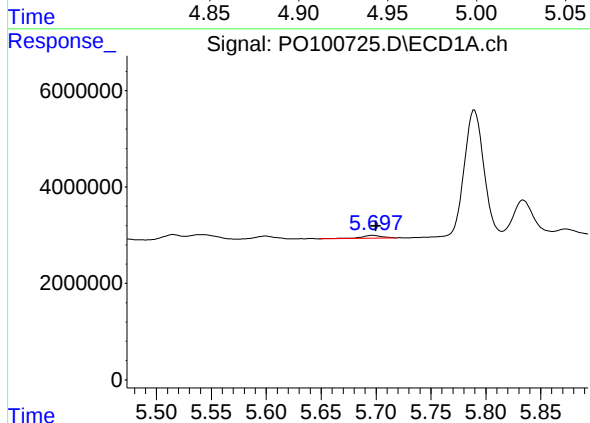
R.T.: 5.599 min
Delta R.T.: -0.002 min
Response: 963726
Conc: 12.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



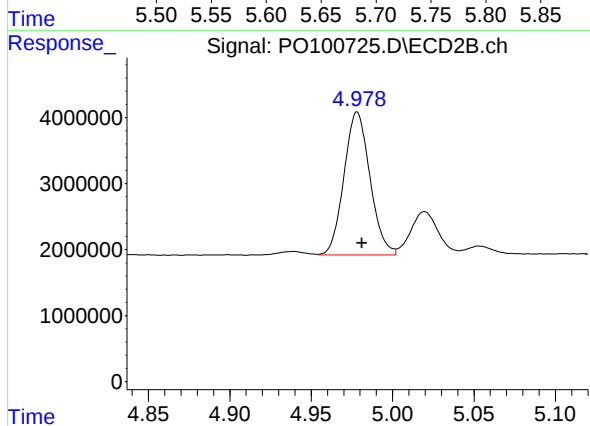
#5 AR-1016-3

R.T.: 4.939 min
Delta R.T.: -0.001 min
Response: 642813
Conc: 13.76 ng/ml



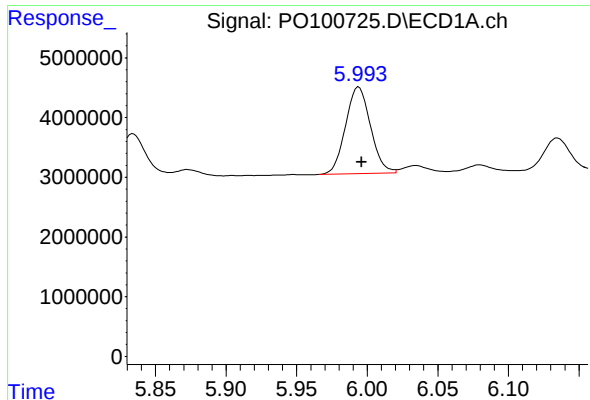
#6 AR-1016-4

R.T.: 5.698 min
Delta R.T.: -0.002 min
Response: 772338
Conc: 12.67 ng/ml



#6 AR-1016-4

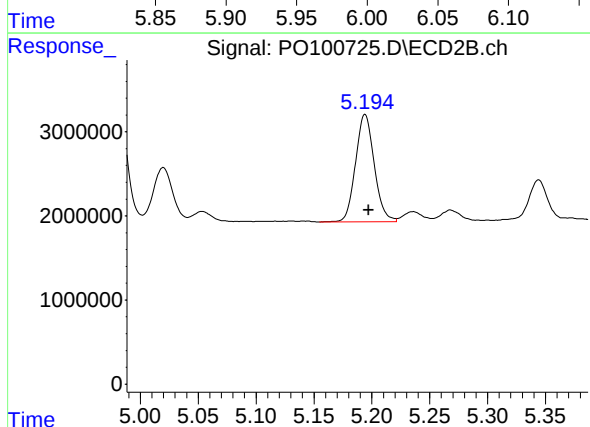
R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 24115601
Conc: 587.64 ng/ml



#7 AR-1016-5

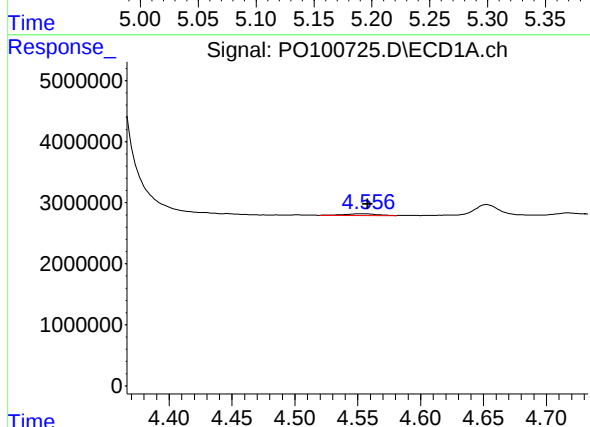
R.T.: 5.994 min
Delta R.T.: -0.002 min
Response: 17906095
Conc: 292.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



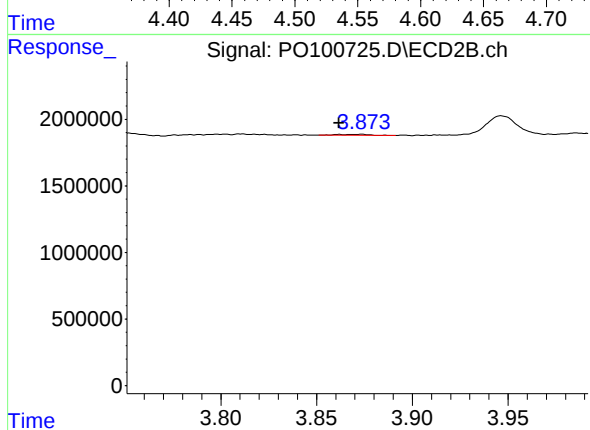
#7 AR-1016-5

R.T.: 5.194 min
Delta R.T.: -0.003 min
Response: 14346568
Conc: 276.18 ng/ml



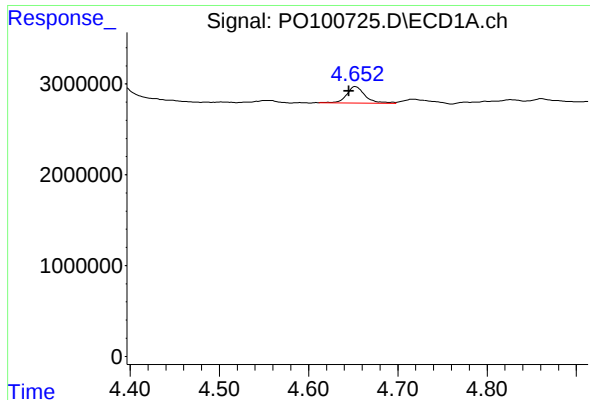
#8 AR-1221-1

R.T.: 4.557 min
Delta R.T.: -0.001 min
Response: 484117
Conc: 13.10 ng/ml



#8 AR-1221-1

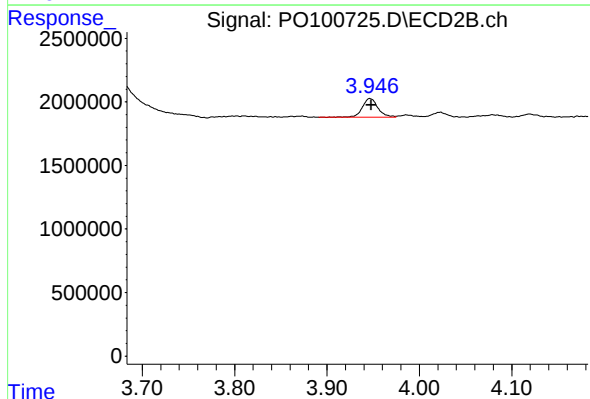
R.T.: 3.873 min
Delta R.T.: 0.011 min
Response: 92828
Conc: 3.70 ng/ml



#9 AR-1221-2

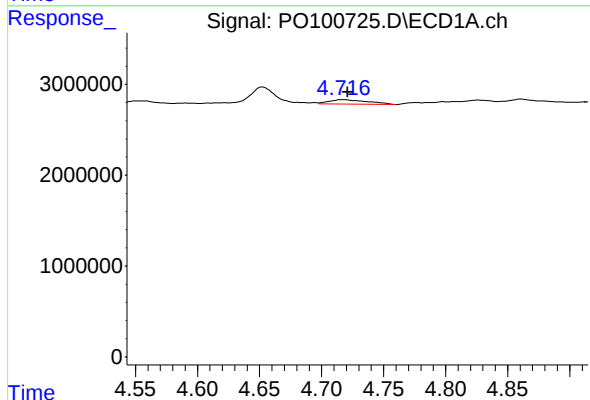
R.T.: 4.652 min
Delta R.T.: 0.007 min
Response: 2602183
Conc: 93.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



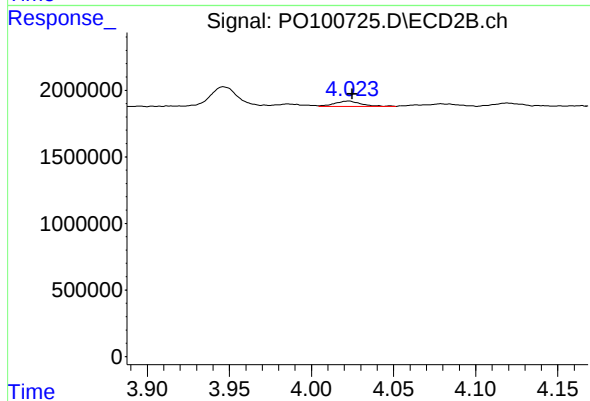
#9 AR-1221-2

R.T.: 3.947 min
Delta R.T.: -0.001 min
Response: 1762852
Conc: 91.80 ng/ml



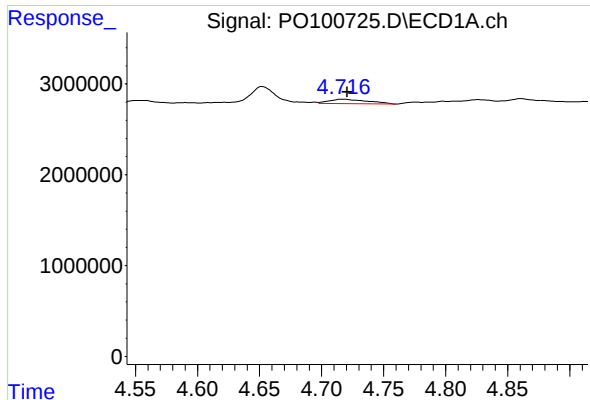
#10 AR-1221-3

R.T.: 4.717 min
Delta R.T.: -0.004 min
Response: 1032831
Conc: 12.37 ng/ml



#10 AR-1221-3

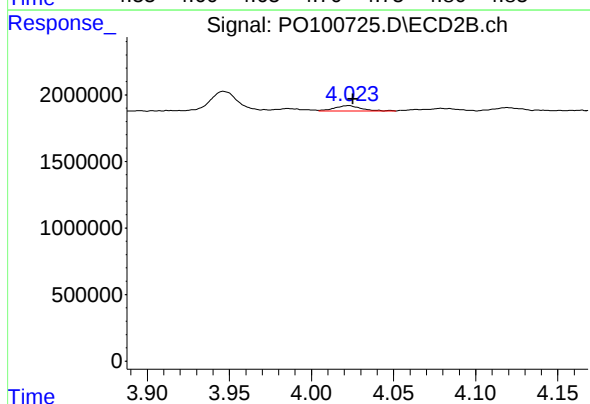
R.T.: 4.022 min
Delta R.T.: -0.003 min
Response: 437539
Conc: 7.44 ng/ml



#11 AR-1232-1

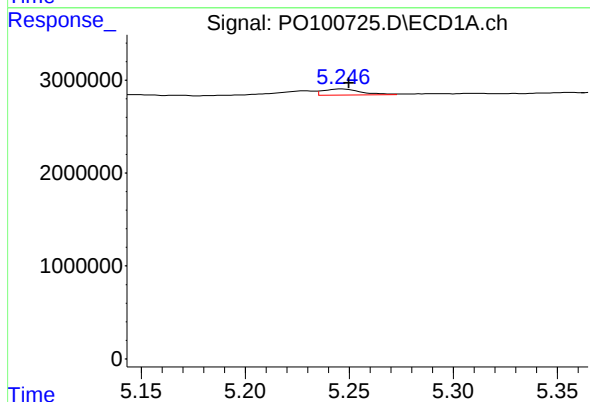
R.T.: 4.717 min
Delta R.T.: -0.004 min
Response: 1032831
Conc: 15.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



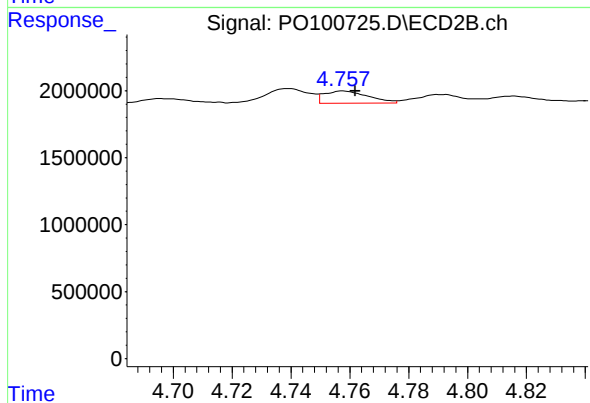
#11 AR-1232-1

R.T.: 4.022 min
Delta R.T.: -0.003 min
Response: 437539
Conc: 9.25 ng/ml



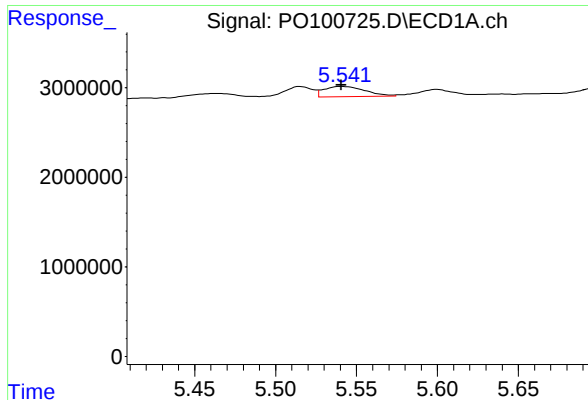
#12 AR-1232-2

R.T.: 5.246 min
Delta R.T.: -0.004 min
Response: 800326
Conc: 22.83 ng/ml



#12 AR-1232-2

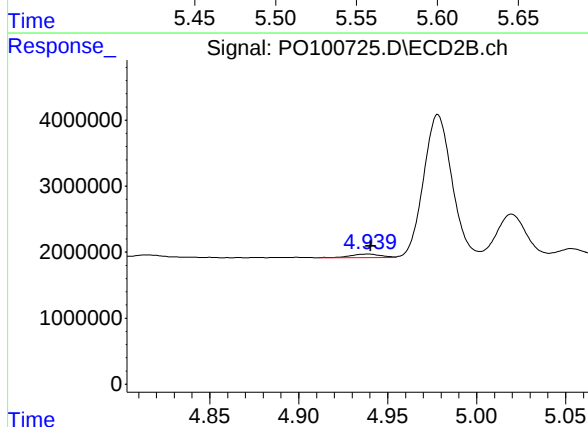
R.T.: 4.758 min
Delta R.T.: -0.004 min
Response: 934415
Conc: 22.40 ng/ml



#13 AR-1232-3

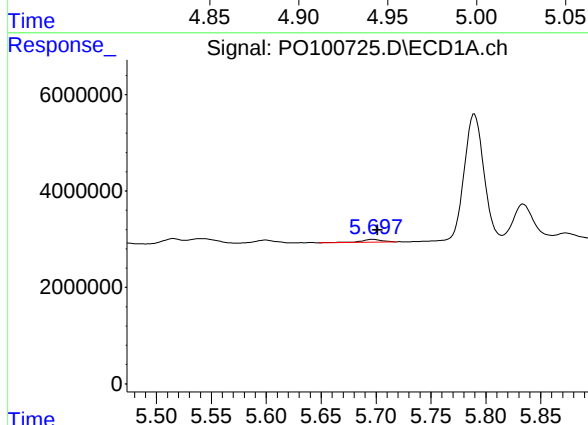
R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 1978979
Conc: 33.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



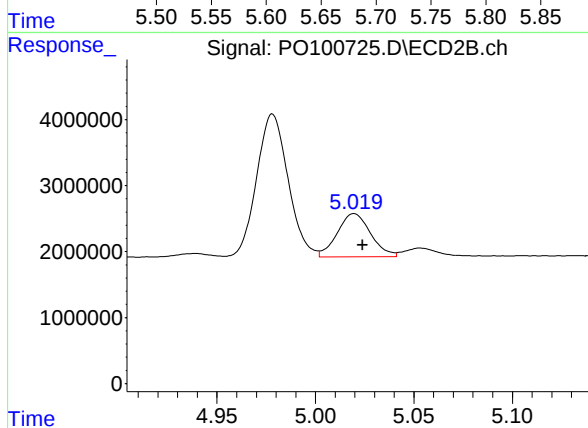
#13 AR-1232-3

R.T.: 4.939 min
Delta R.T.: -0.001 min
Response: 642813
Conc: 29.96 ng/ml



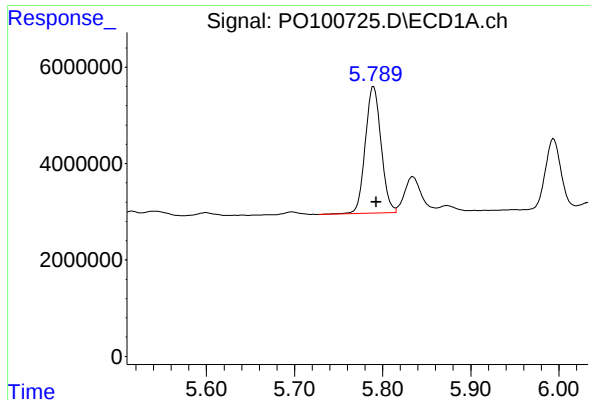
#14 AR-1232-4

R.T.: 5.698 min
Delta R.T.: -0.004 min
Response: 772338
Conc: 28.17 ng/ml



#14 AR-1232-4

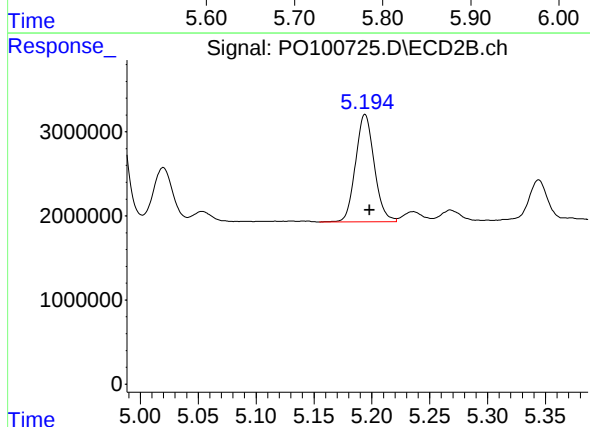
R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 7711232
Conc: 362.93 ng/ml



#15 AR-1232-5

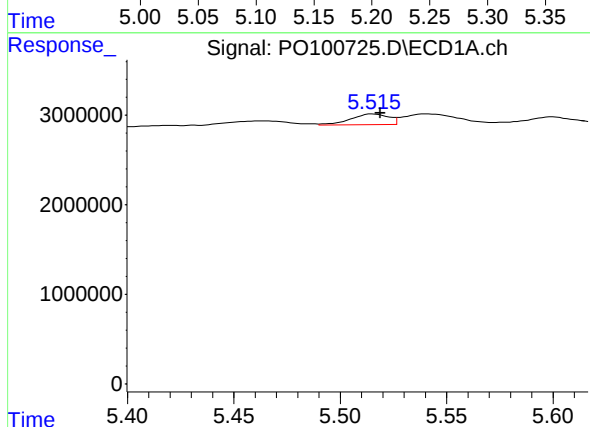
R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 32711927
Conc: 1360.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



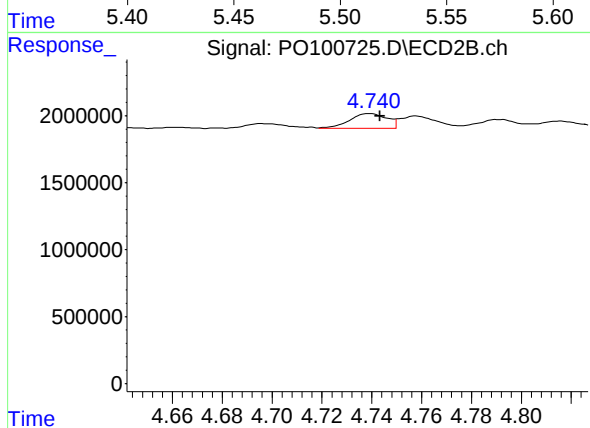
#15 AR-1232-5

R.T.: 5.194 min
Delta R.T.: -0.004 min
Response: 14346568
Conc: 656.49 ng/ml



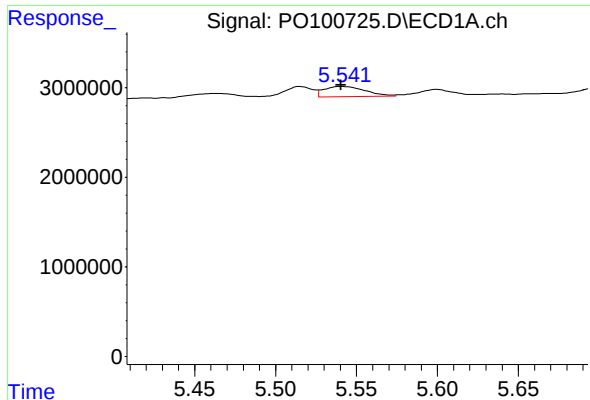
#16 AR-1242-1

R.T.: 5.515 min
Delta R.T.: -0.003 min
Response: 1478369
Conc: 20.96 ng/ml



#16 AR-1242-1

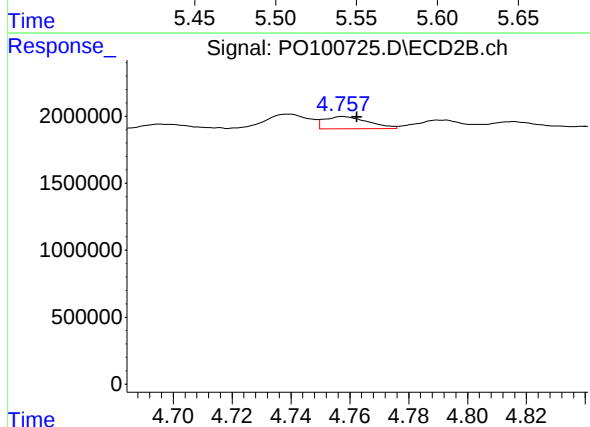
R.T.: 4.739 min
Delta R.T.: -0.004 min
Response: 1147633
Conc: 21.97 ng/ml



#17 AR-1242-2

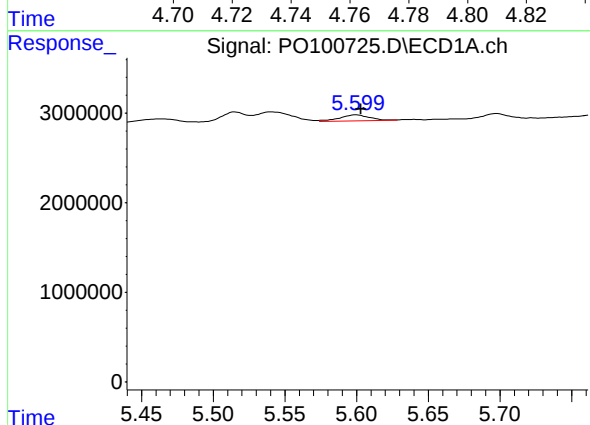
R.T.: 5.541 min
Delta R.T.: 0.001 min
Response: 1978979
Conc: 18.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



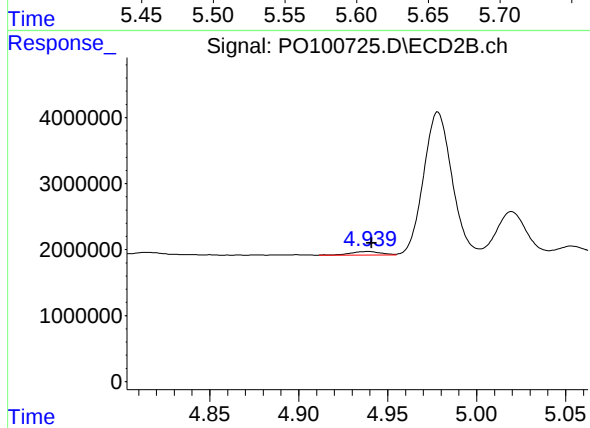
#17 AR-1242-2

R.T.: 4.758 min
Delta R.T.: -0.005 min
Response: 934415
Conc: 12.89 ng/ml



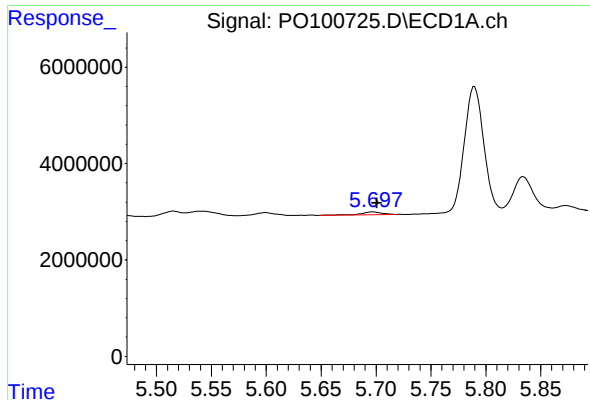
#18 AR-1242-3

R.T.: 5.599 min
Delta R.T.: -0.004 min
Response: 963726
Conc: 14.83 ng/ml



#18 AR-1242-3

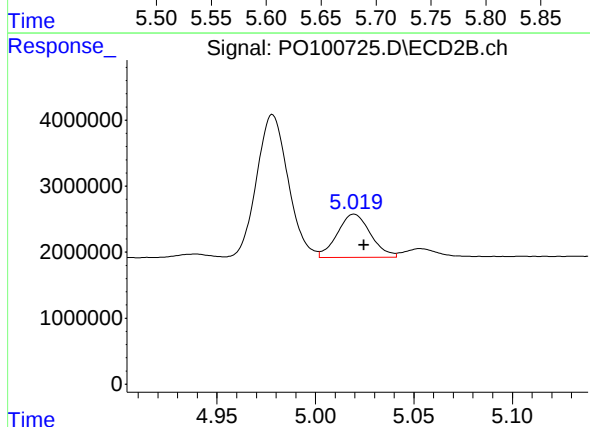
R.T.: 4.939 min
Delta R.T.: -0.002 min
Response: 642813
Conc: 16.78 ng/ml



#19 AR-1242-4

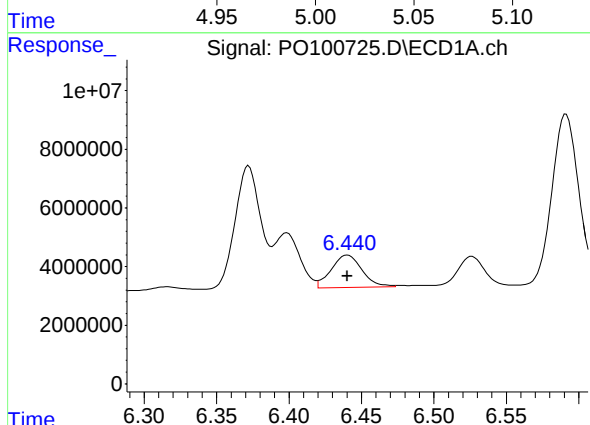
R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 772338
Conc: 15.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



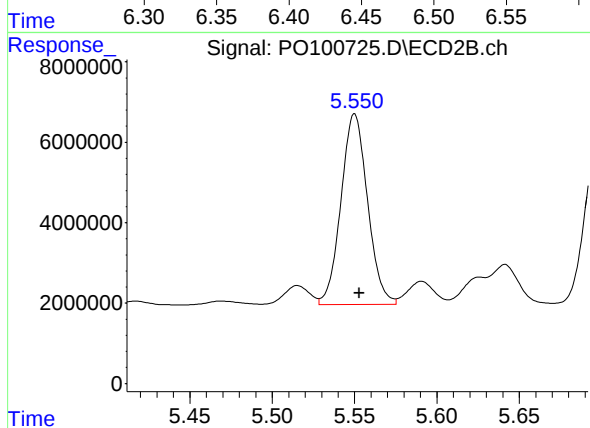
#19 AR-1242-4

R.T.: 5.020 min
Delta R.T.: -0.005 min
Response: 7711232
Conc: 185.00 ng/ml



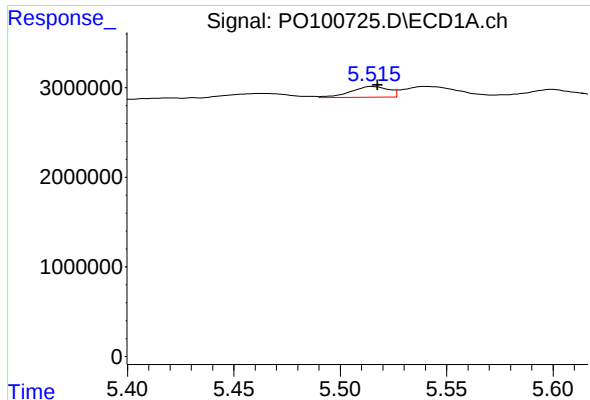
#20 AR-1242-5

R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 16416747
Conc: 317.19 ng/ml



#20 AR-1242-5

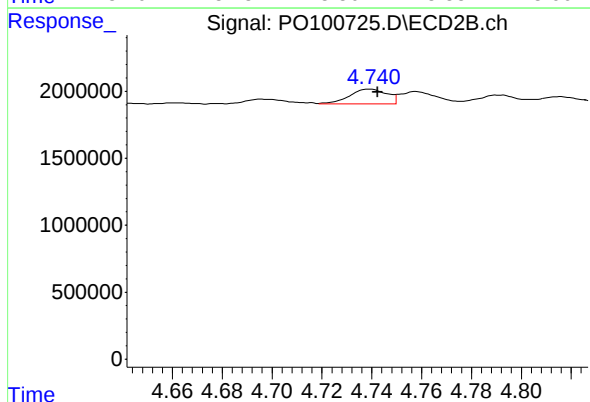
R.T.: 5.550 min
Delta R.T.: -0.003 min
Response: 53367940
Conc: 1162.84 ng/ml



#21 AR-1248-1

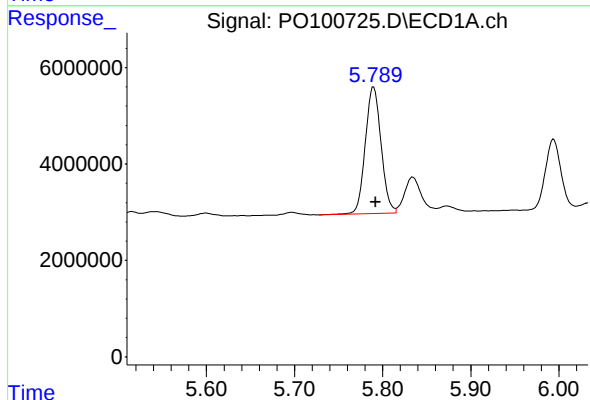
R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 1478369
Conc: 26.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



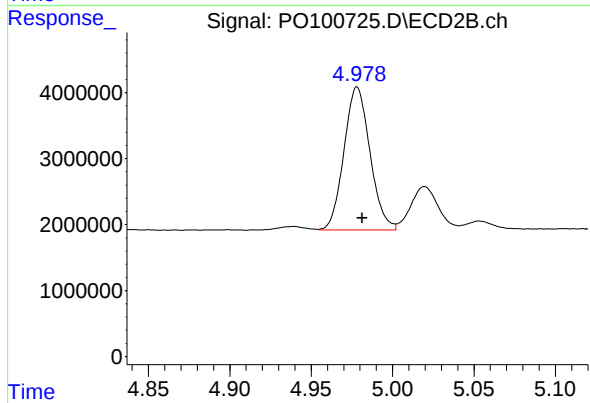
#21 AR-1248-1

R.T.: 4.739 min
Delta R.T.: -0.003 min
Response: 1147633
Conc: 28.70 ng/ml



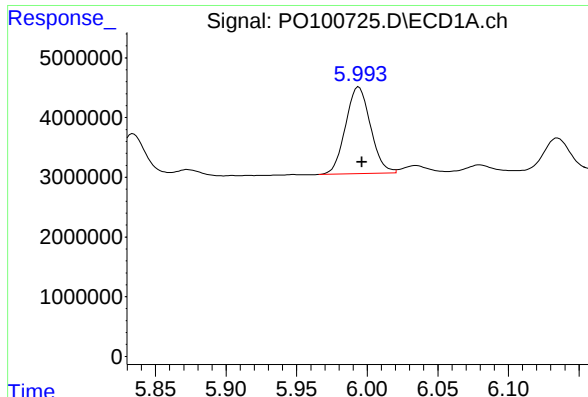
#22 AR-1248-2

R.T.: 5.790 min
Delta R.T.: -0.002 min
Response: 32711927
Conc: 378.75 ng/ml



#22 AR-1248-2

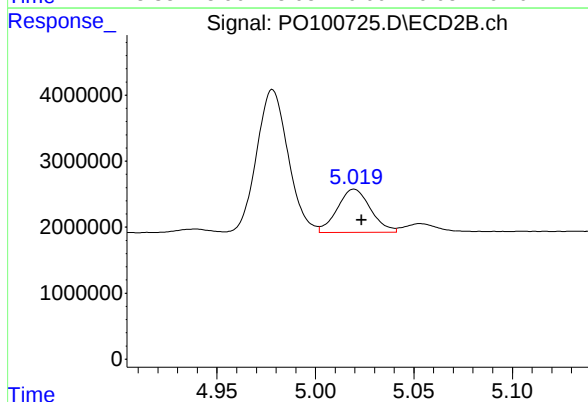
R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 24115601
Conc: 400.84 ng/ml



#23 AR-1248-3

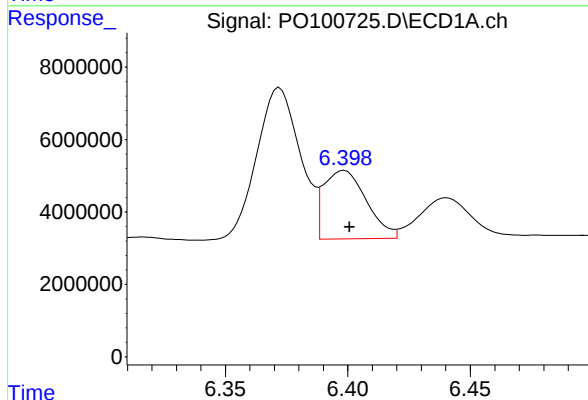
R.T.: 5.994 min
Delta R.T.: -0.002 min
Response: 17906095
Conc: 204.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



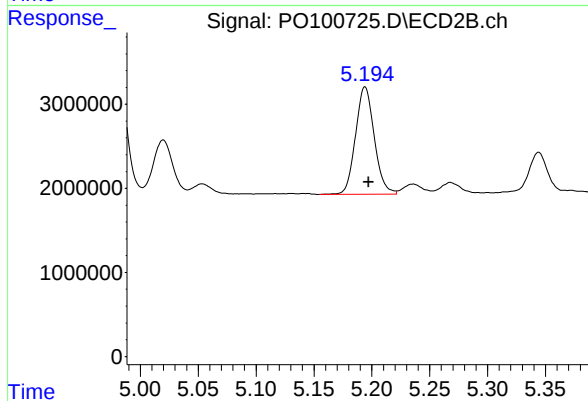
#23 AR-1248-3

R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 7711232
Conc: 123.36 ng/ml



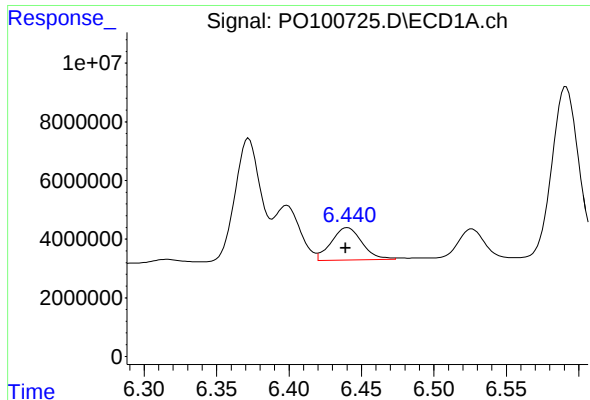
#24 AR-1248-4

R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 23001548
Conc: 255.84 ng/ml



#24 AR-1248-4

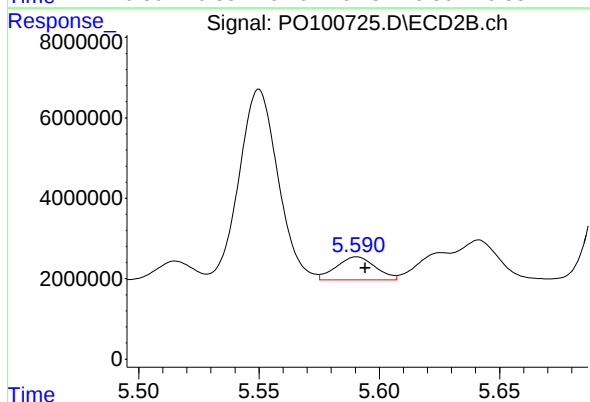
R.T.: 5.194 min
Delta R.T.: -0.003 min
Response: 14346568
Conc: 199.17 ng/ml



#25 AR-1248-5

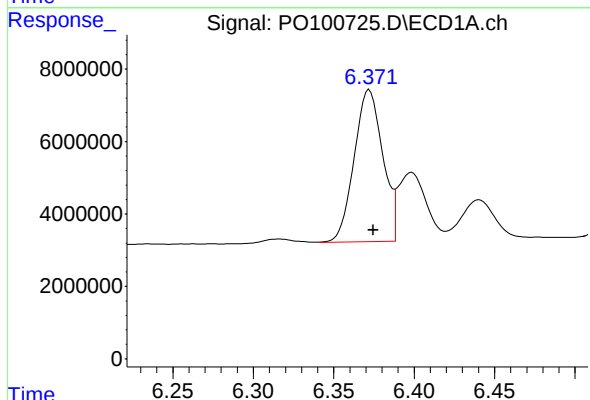
R.T.: 6.440 min
Delta R.T.: 0.001 min
Response: 16416747
Conc: 182.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



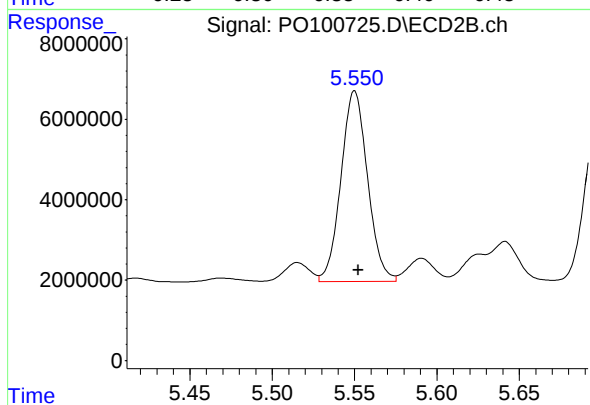
#25 AR-1248-5

R.T.: 5.591 min
Delta R.T.: -0.004 min
Response: 6521661
Conc: 105.71 ng/ml



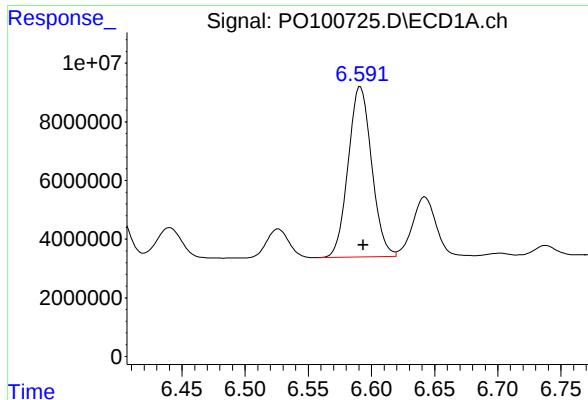
#26 AR-1254-1

R.T.: 6.372 min
Delta R.T.: -0.002 min
Response: 51973613
Conc: 494.43 ng/ml



#26 AR-1254-1

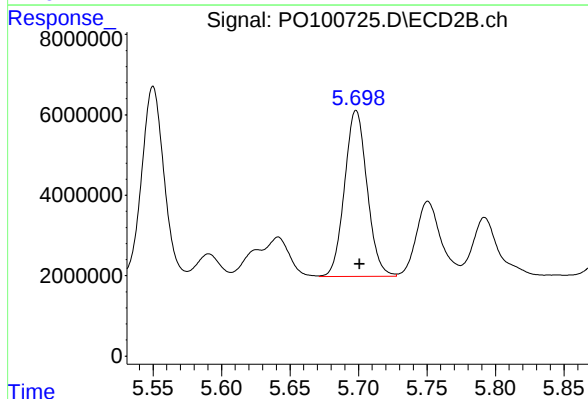
R.T.: 5.550 min
Delta R.T.: -0.002 min
Response: 53367940
Conc: 520.00 ng/ml



#27 AR-1254-2

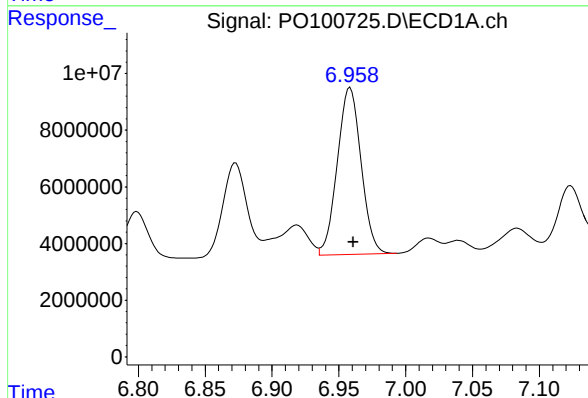
R.T.: 6.591 min
Delta R.T.: -0.002 min
Response: 75122161
Conc: 508.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



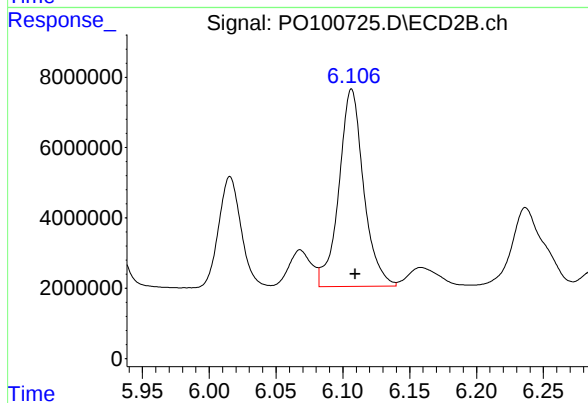
#27 AR-1254-2

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 47342532
Conc: 515.31 ng/ml



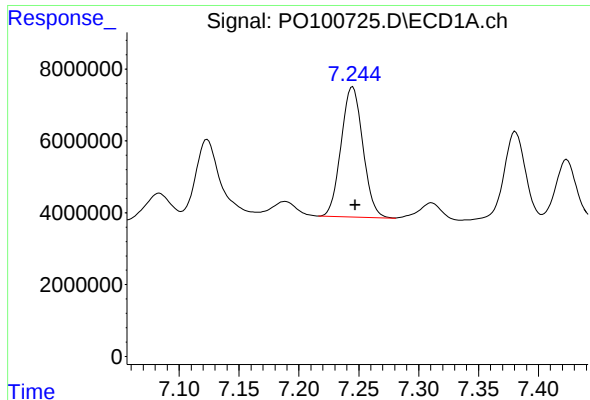
#28 AR-1254-3

R.T.: 6.958 min
Delta R.T.: -0.002 min
Response: 72590809
Conc: 518.40 ng/ml



#28 AR-1254-3

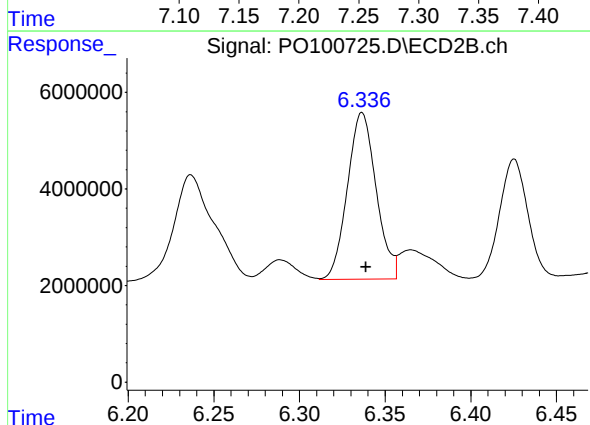
R.T.: 6.107 min
Delta R.T.: -0.003 min
Response: 72087925
Conc: 533.04 ng/ml



#29 AR-1254-4

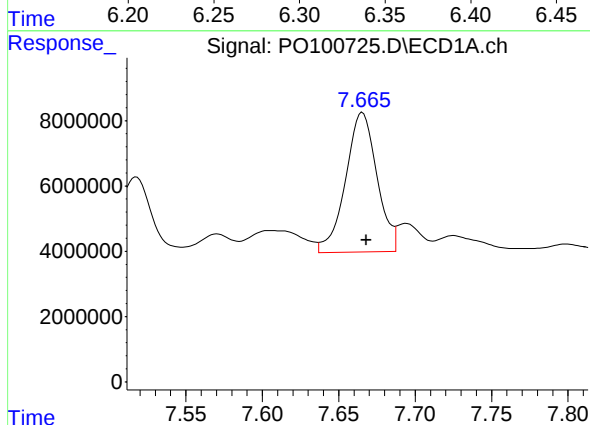
R.T.: 7.245 min
Delta R.T.: -0.002 min
Response: 46102812
Conc: 542.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



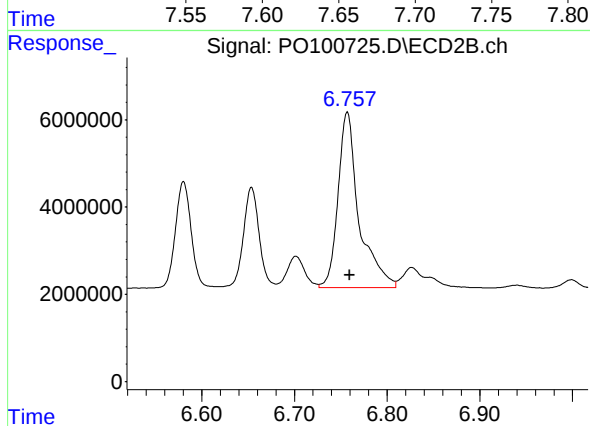
#29 AR-1254-4

R.T.: 6.337 min
Delta R.T.: -0.002 min
Response: 40337427
Conc: 559.22 ng/ml



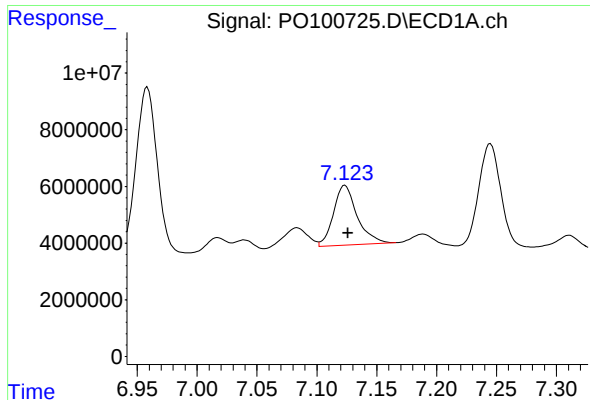
#30 AR-1254-5

R.T.: 7.666 min
Delta R.T.: -0.003 min
Response: 61366230
Conc: 518.62 ng/ml



#30 AR-1254-5

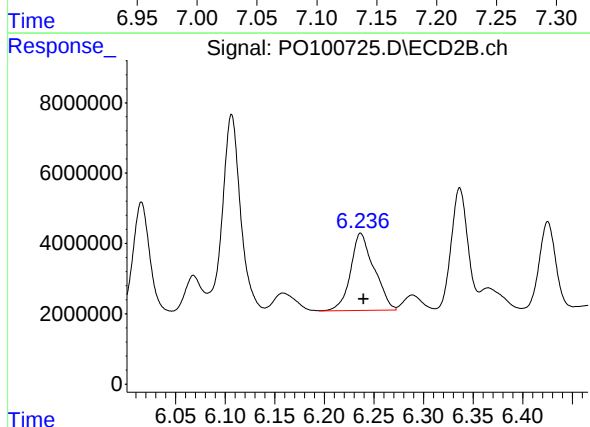
R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 63274206
Conc: 549.14 ng/ml



#31 AR-1260-1

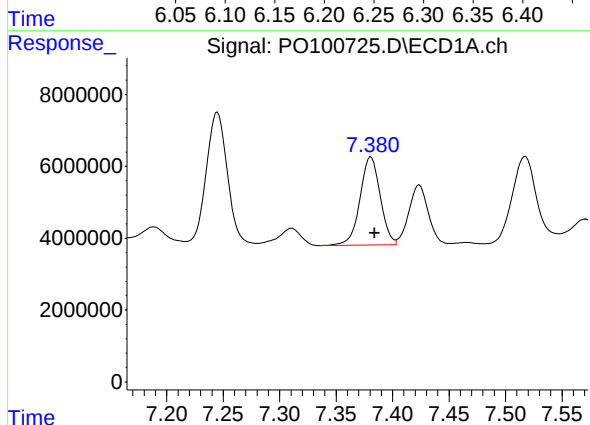
R.T.: 7.123 min
Delta R.T.: -0.003 min
Response: 29118325
Conc: 212.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



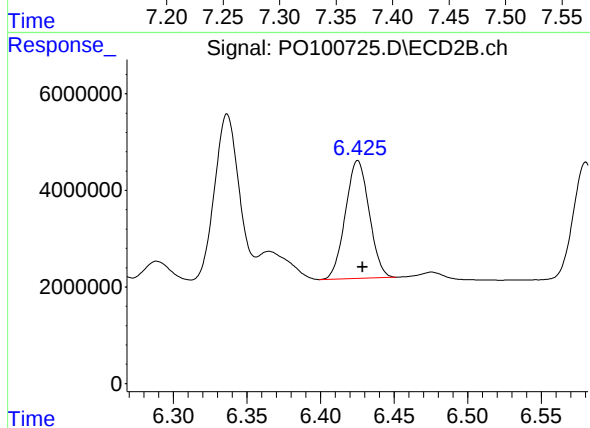
#31 AR-1260-1

R.T.: 6.237 min
Delta R.T.: -0.003 min
Response: 36097787
Conc: 378.96 ng/ml



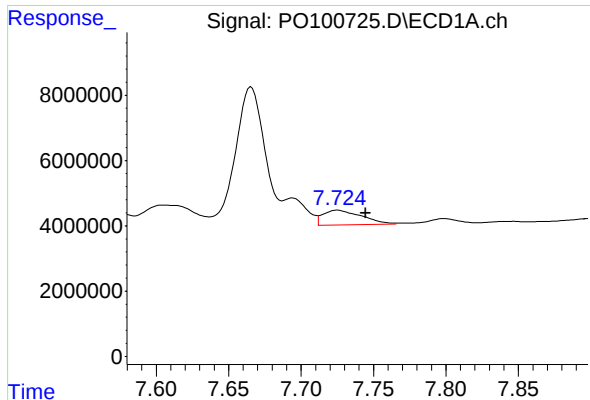
#32 AR-1260-2

R.T.: 7.381 min
Delta R.T.: -0.003 min
Response: 30640327
Conc: 243.62 ng/ml



#32 AR-1260-2

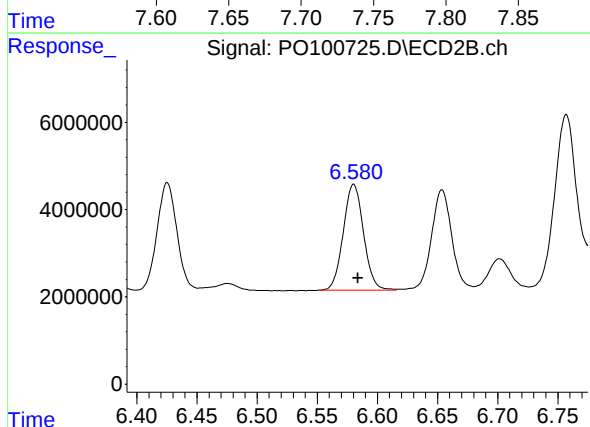
R.T.: 6.425 min
Delta R.T.: -0.003 min
Response: 27438255
Conc: 255.28 ng/ml



#33 AR-1260-3

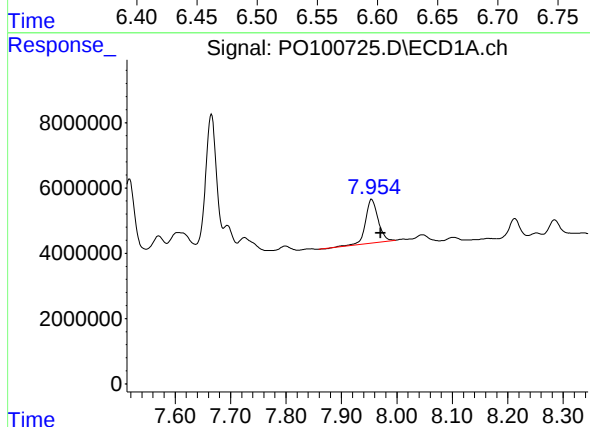
R.T.: 7.725 min
Delta R.T.: -0.020 min
Response: 8495677
Conc: 87.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



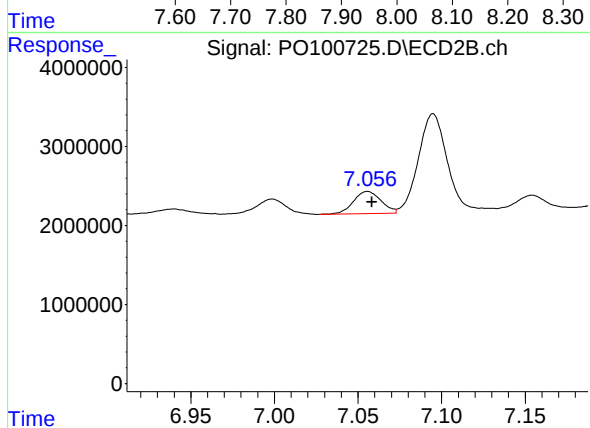
#33 AR-1260-3

R.T.: 6.580 min
Delta R.T.: -0.004 min
Response: 28471304
Conc: 277.78 ng/ml



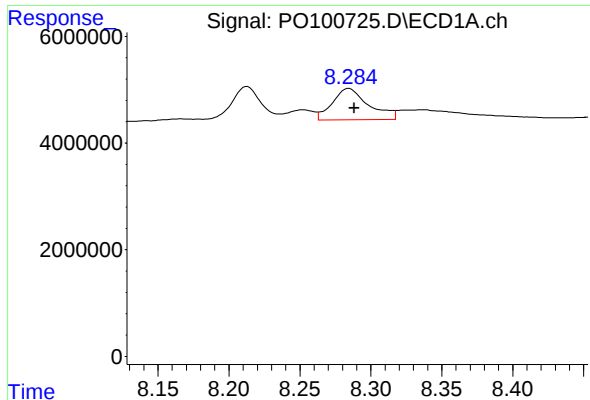
#34 AR-1260-4

R.T.: 7.954 min
Delta R.T.: -0.016 min
Response: 20827541
Conc: 197.37 ng/ml



#34 AR-1260-4

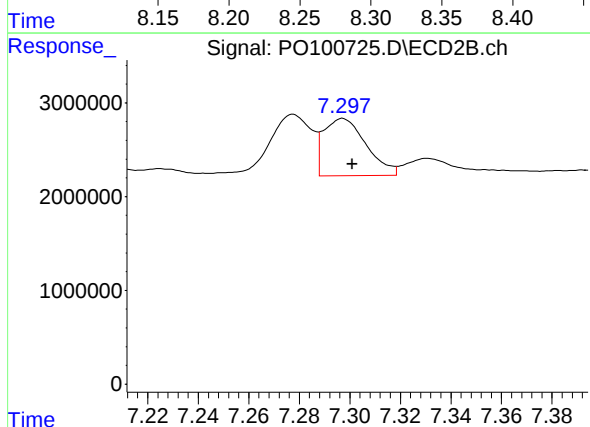
R.T.: 7.056 min
Delta R.T.: -0.003 min
Response: 3247590
Conc: 39.83 ng/ml



#35 AR-1260-5

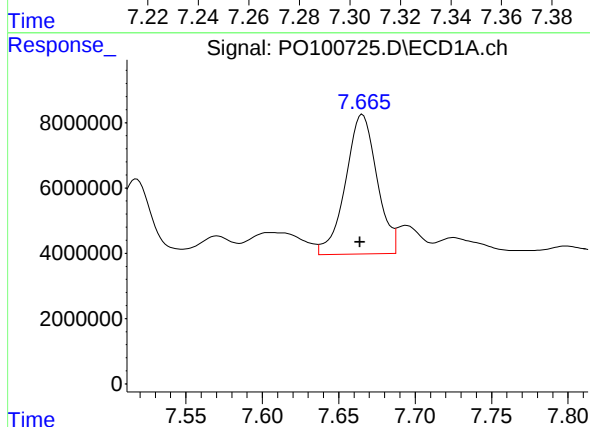
R.T.: 8.285 min
Delta R.T.: -0.004 min
Response: 10468983
Conc: 49.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



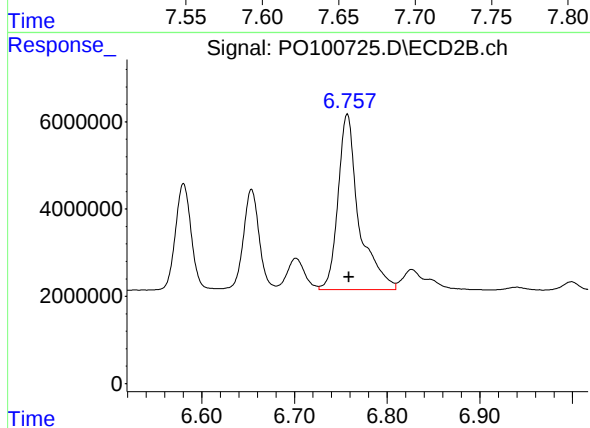
#35 AR-1260-5

R.T.: 7.297 min
Delta R.T.: -0.004 min
Response: 7133729
Conc: 39.53 ng/ml



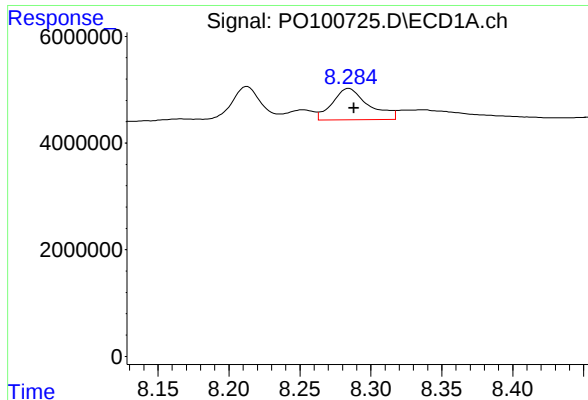
#36 AR-1262-1

R.T.: 7.666 min
Delta R.T.: 0.002 min
Response: 61366230
Conc: 614.28 ng/ml



#36 AR-1262-1

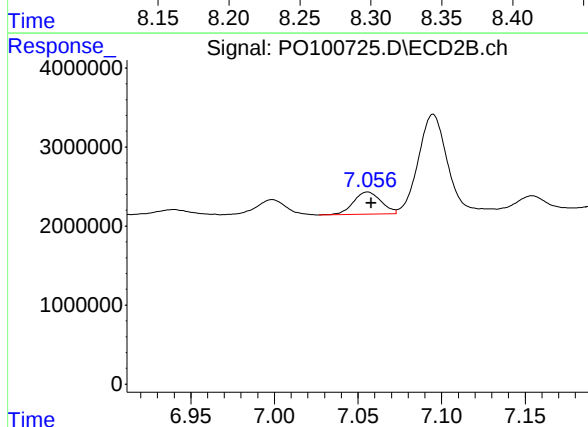
R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 63274206
Conc: 1014.36 ng/ml



#37 AR-1262-2

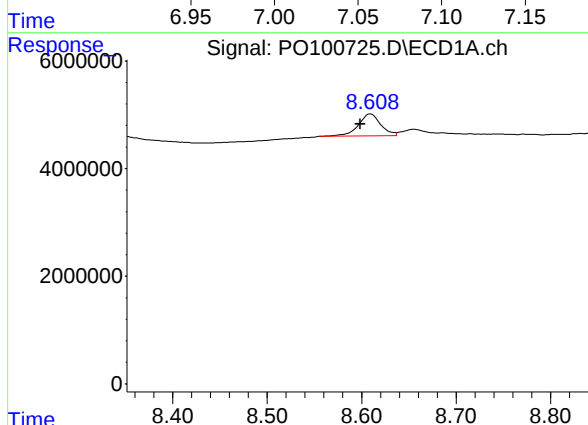
R.T.: 8.285 min
Delta R.T.: -0.004 min
Response: 10468983
Conc: 44.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



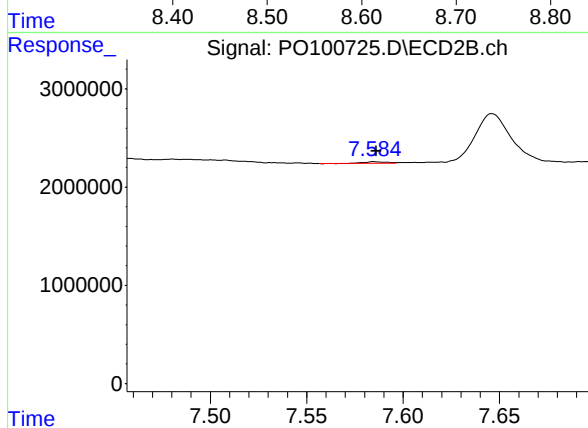
#37 AR-1262-2

R.T.: 7.056 min
Delta R.T.: -0.002 min
Response: 3247590
Conc: 28.74 ng/ml



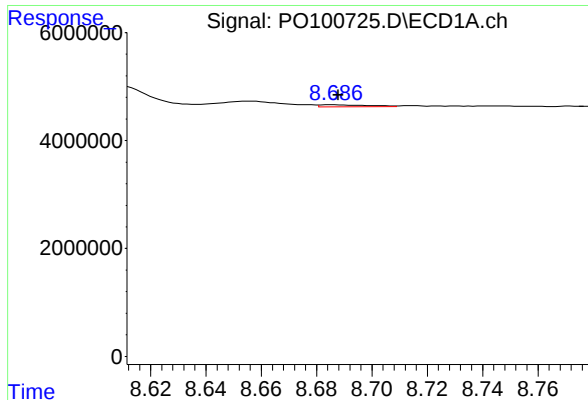
#38 AR-1262-3

R.T.: 8.609 min
Delta R.T.: 0.011 min
Response: 6712547
Conc: 41.33 ng/ml



#38 AR-1262-3

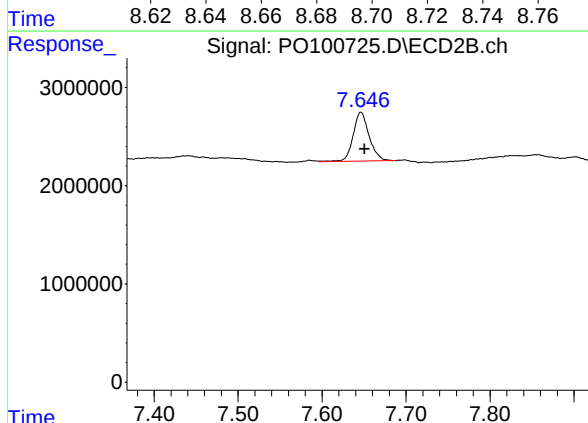
R.T.: 7.585 min
Delta R.T.: 0.000 min
Response: 130274
Conc: 1.69 ng/ml



#39 AR-1262-4

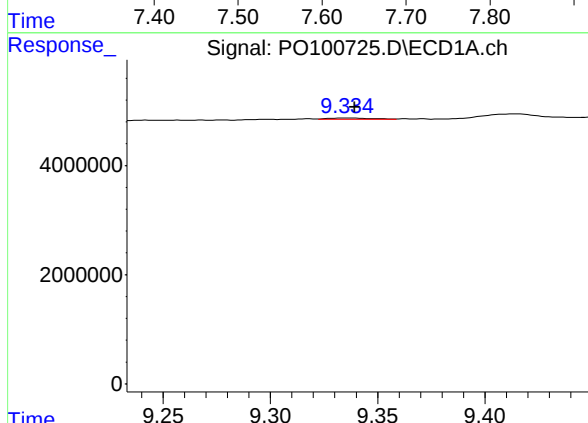
R.T.: 8.686 min
Delta R.T.: -0.002 min
Response: 462155
Conc: 3.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



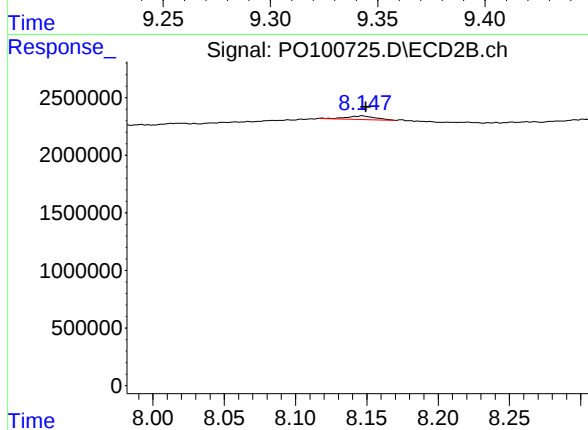
#39 AR-1262-4

R.T.: 7.646 min
Delta R.T.: -0.004 min
Response: 6582262
Conc: 44.56 ng/ml



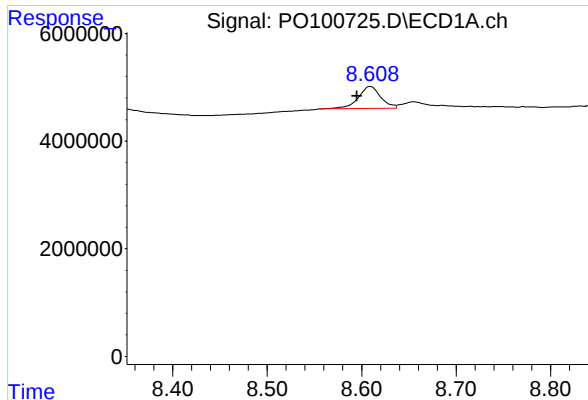
#40 AR-1262-5

R.T.: 9.335 min
Delta R.T.: -0.004 min
Response: 299374
Conc: 3.75 ng/ml



#40 AR-1262-5

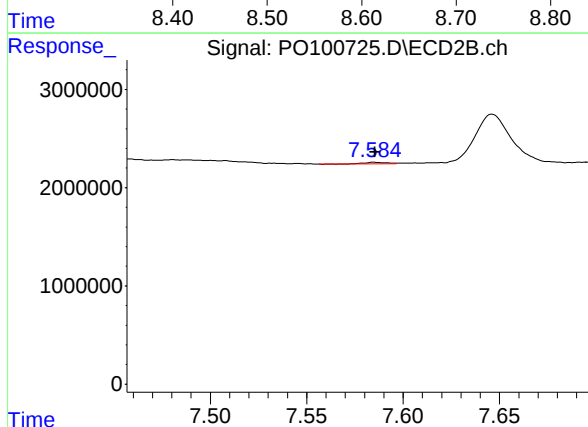
R.T.: 8.147 min
Delta R.T.: -0.002 min
Response: 447713
Conc: 7.00 ng/ml



#41 AR-1268-1

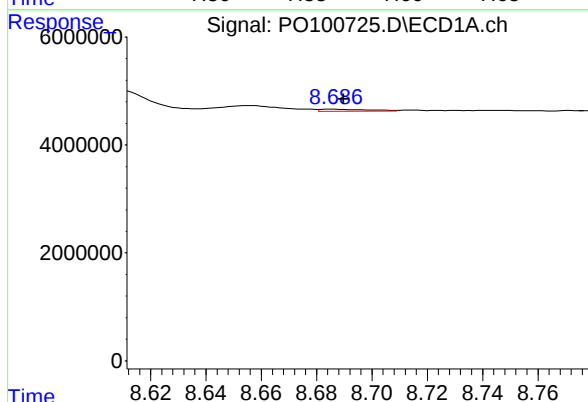
R.T.: 8.609 min
Delta R.T.: 0.014 min
Response: 6712547
Conc: 23.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



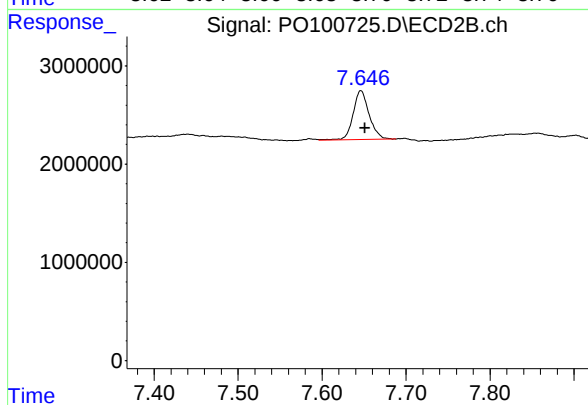
#41 AR-1268-1

R.T.: 7.585 min
Delta R.T.: 0.000 min
Response: 130274
Conc: 0.59 ng/ml



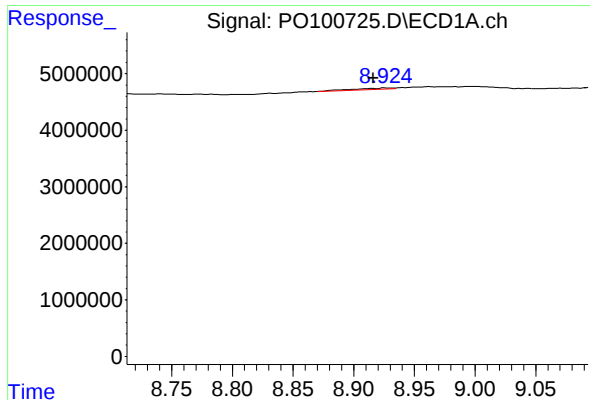
#42 AR-1268-2

R.T.: 8.686 min
Delta R.T.: -0.004 min
Response: 462155
Conc: 1.83 ng/ml



#42 AR-1268-2

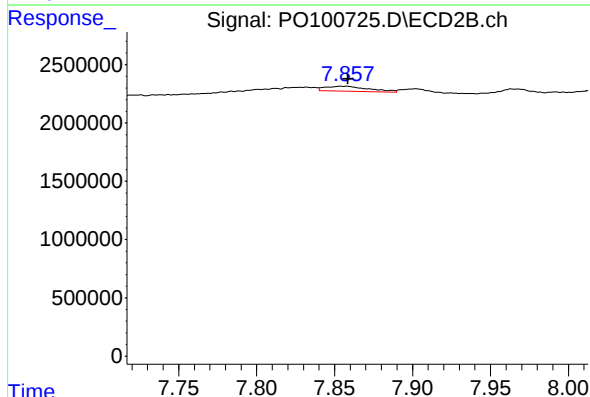
R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 6582262
Conc: 32.54 ng/ml



#43 AR-1268-3

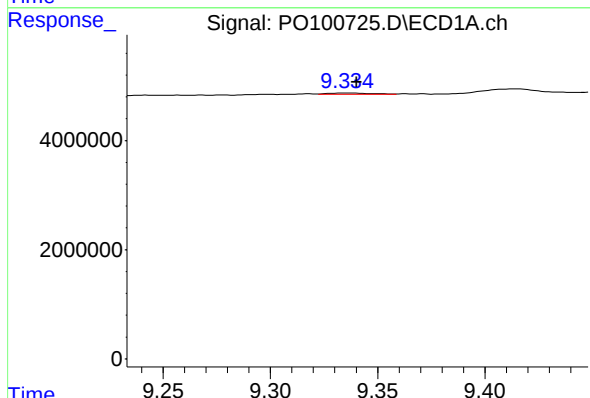
R.T.: 8.925 min
Delta R.T.: 0.009 min
Response: 500991
Conc: 2.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



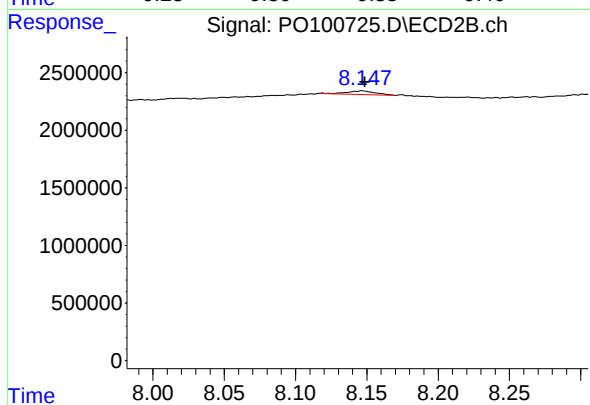
#43 AR-1268-3

R.T.: 7.857 min
Delta R.T.: -0.001 min
Response: 811681
Conc: 4.30 ng/ml



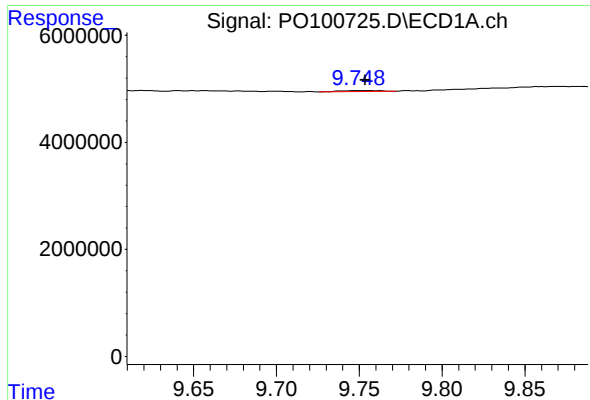
#44 AR-1268-4

R.T.: 9.335 min
Delta R.T.: -0.005 min
Response: 299374
Conc: 3.82 ng/ml



#44 AR-1268-4

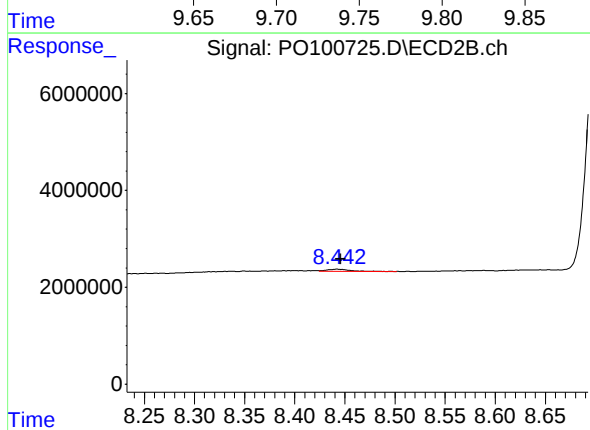
R.T.: 8.147 min
Delta R.T.: -0.002 min
Response: 447713
Conc: 6.67 ng/ml



#45 AR-1268-5

R.T.: 9.748 min
Delta R.T.: -0.005 min
Response: 297262
Conc: 0.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.442 min
Delta R.T.: -0.003 min
Response: 728746
Conc: 1.40 ng/ml