

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0010524\
 Data File : P0100936.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jan 2024 16:38
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 05 23:31:11 2024
 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...	4.345	3.642	160.2E6	101.6E6	51.350	49.707
2) SA Decachlor...	10.085	8.699	107.2E6	76787102	51.317	50.874
Target Compounds						
3) L1 AR-1016-1	5.513	4.737	28116634	20899267	327.596	337.716
4) L1 AR-1016-2	5.536	4.756	34280713	21012614	268.546	238.312
5) L1 AR-1016-3	5.597	4.935	17323282	14041991	219.655	300.587 #
6) L1 AR-1016-4	5.695	4.976	18123312	30836031	297.407	751.401 #
7) L1 AR-1016-5	5.992	5.191	45799219	37208811	748.176	716.286
8) L2 AR-1221-1	4.554	3.856	735252	360300	19.889	14.348 #
9) L2 AR-1221-2	4.650	3.944	2808736	1905627	101.138	99.239
10) L2 AR-1221-3	4.716	4.019	2979118	2020647	35.694	34.337
11) L3 AR-1232-1	4.716	4.019	2979118	2020647	44.685	42.735
12) L3 AR-1232-2	5.244	4.756	14135492	21012614	403.193	503.779
13) L3 AR-1232-3	5.536	4.935	34280713	14041991	574.545	654.528
14) L3 AR-1232-4	5.695	5.018	18123312	32203059	660.964	1515.659 #
15) L3 AR-1232-5	5.788	5.191	42713301	37208811	1776.541	1702.643
16) L4 AR-1242-1	5.513	4.737	28116634	20899267	398.644	400.153
17) L4 AR-1242-2	5.536	4.756	34280713	21012614	326.600	289.933
18) L4 AR-1242-3	5.597	4.935	17323282	14041991	266.493	366.474 #
19) L4 AR-1242-4	5.695	5.018	18123312	32203059	361.907	772.597 #
20) L4 AR-1242-5	6.435	5.546	46994078	47995483	907.979	1045.776
21) L5 AR-1248-1	5.513	4.737	28116634	20899267	512.514	522.630
22) L5 AR-1248-2	5.788	4.976	42713301	30836031	494.553	512.545
23) L5 AR-1248-3	5.992	5.018	45799219	32203059	521.789	515.172
24) L5 AR-1248-4	6.397	5.191	46880392	37208811	521.433	516.569
25) L5 AR-1248-5	6.435	5.588	46994078	32897230	523.550	533.250
26) L6 AR-1254-1	6.369	5.546	37018619	47995483	352.161	467.656 #
27) L6 AR-1254-2	6.592	5.695	45442551	15912875	307.748	173.208 #
28) L6 AR-1254-3	6.957	6.103	23967676	22416323	171.164	165.754
29) L6 AR-1254-4	7.244	6.333	15359266	14231783	180.670	197.304
30) L6 AR-1254-5	7.664	6.754	5699373	5074050	48.167	44.037
31) L7 AR-1260-1	7.123	6.249	3242034	7903417	23.665	82.972 #
32) L7 AR-1260-2	7.380	6.421	2528664	1895087	20.106	17.631
33) L7 AR-1260-3	7.752	6.576	47963	2488045	0.495	24.274 #
34) L7 AR-1260-4	7.954	7.051	1972231	238230	18.689	2.922 #
35) L7 AR-1260-5	8.285	7.295	1715018	701944	8.125	3.889 #
36) L8 AR-1262-1	7.664	6.754	5699373	5074050	57.051	81.343 #
37) L8 AR-1262-2	8.285	7.051	1715018	238230	7.227	2.108 #
38) L8 AR-1262-3	8.607	7.577	1411978	110139	8.694	1.430 #
39) L8 AR-1262-4	8.698	7.644	153711	648221	1.192	4.388 #
40) L8 AR-1262-5	9.337	8.141	144908	325332	1.816	5.087 #
41) L9 AR-1268-1	8.607	7.577	1411978	110139	4.997	0.497 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0010524\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jan 2024 16:38
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
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Instrument :
 ECD_O
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Integration File signal 1: autoint1.e
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 Quant Time: Jan 05 23:31:11 2024
 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

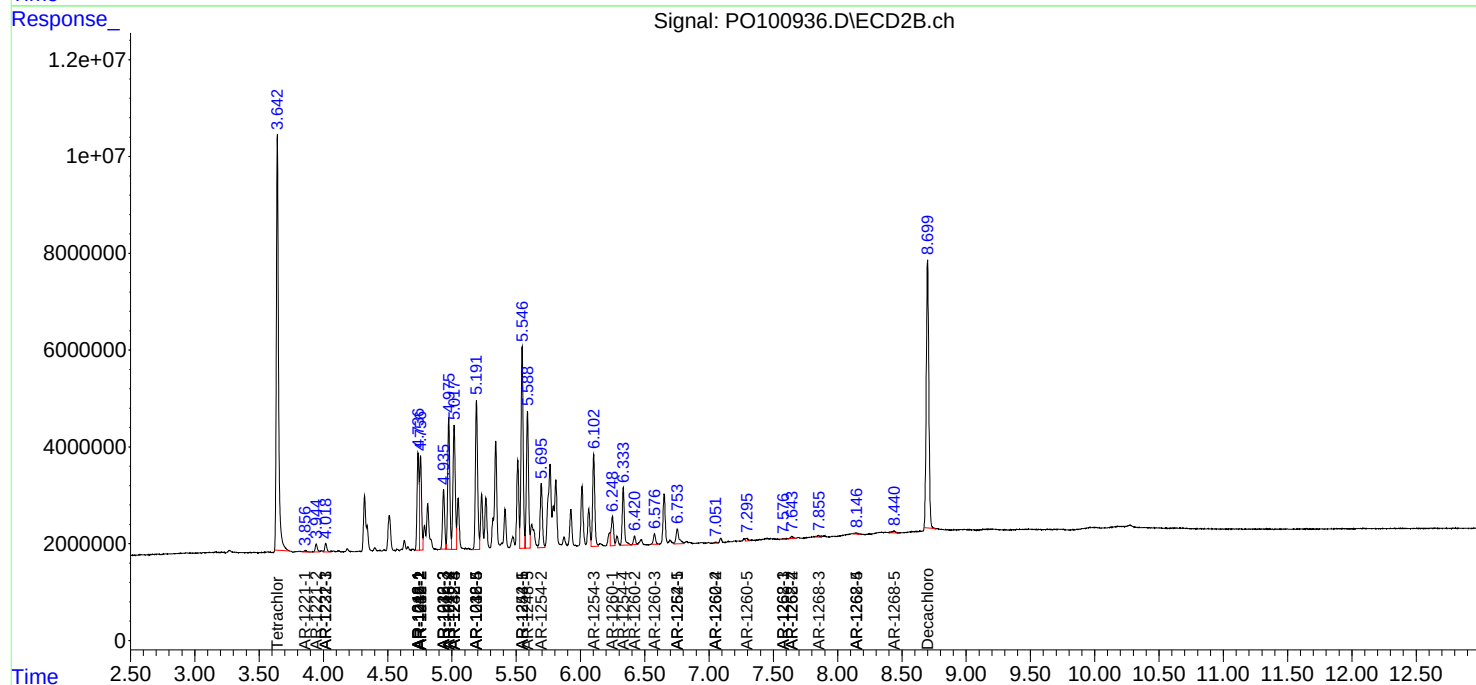
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

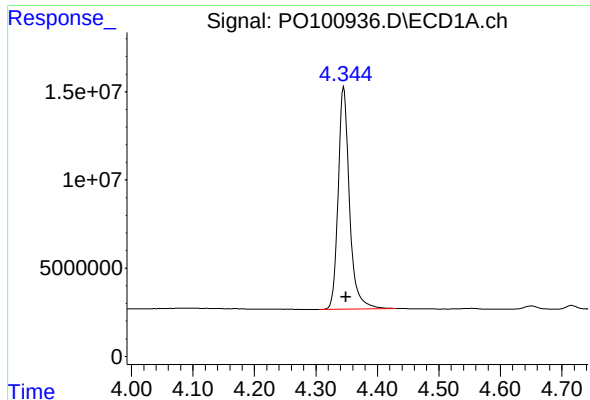
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.698	7.644	153711	648221	0.608	3.205 #
43) L9	AR-1268-3	8.915	7.855	237113	515203	1.039	2.731 #
44) L9	AR-1268-4	9.337	8.141	144908	325332	1.851	4.845 #
45) L9	AR-1268-5	9.747	8.440	951163	659015	1.327	1.270

(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

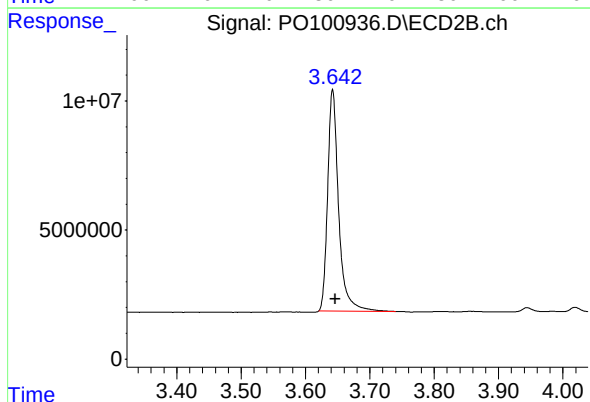




#1 Tetrachloro-m-xylene

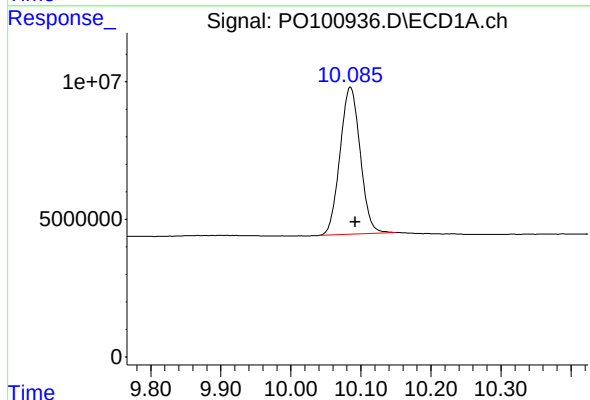
R.T.: 4.345 min
Delta R.T.: -0.004 min
Response: 160225416
Conc: 51.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



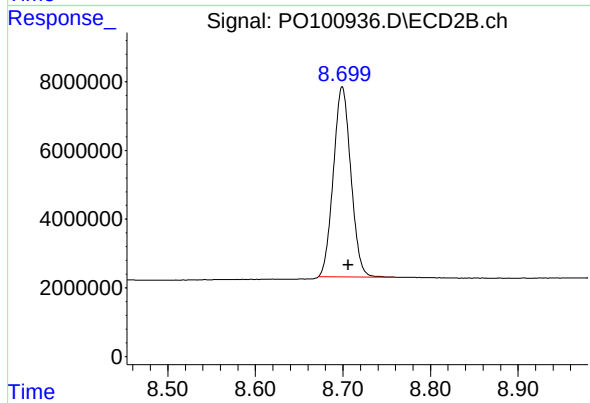
#1 Tetrachloro-m-xylene

R.T.: 3.642 min
Delta R.T.: -0.004 min
Response: 101572728
Conc: 49.71 ng/ml



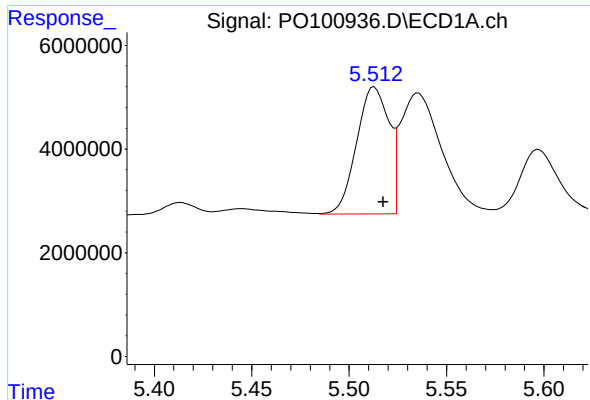
#2 Decachlorobiphenyl

R.T.: 10.085 min
Delta R.T.: -0.007 min
Response: 107206160
Conc: 51.32 ng/ml



#2 Decachlorobiphenyl

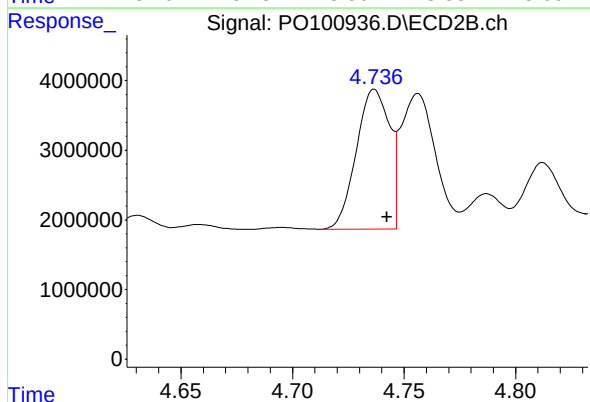
R.T.: 8.699 min
Delta R.T.: -0.007 min
Response: 76787102
Conc: 50.87 ng/ml



#3 AR-1016-1

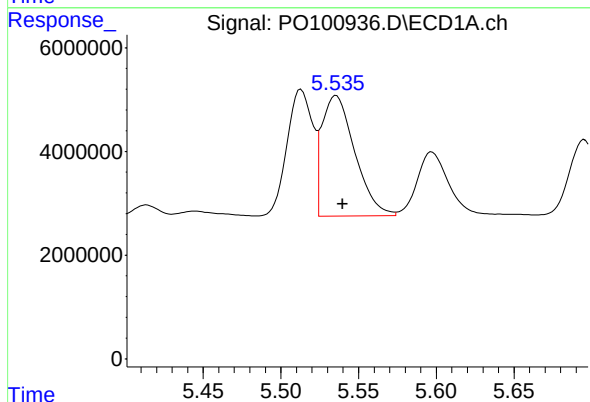
R.T.: 5.513 min
Delta R.T.: -0.005 min
Response: 28116634
Conc: 327.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



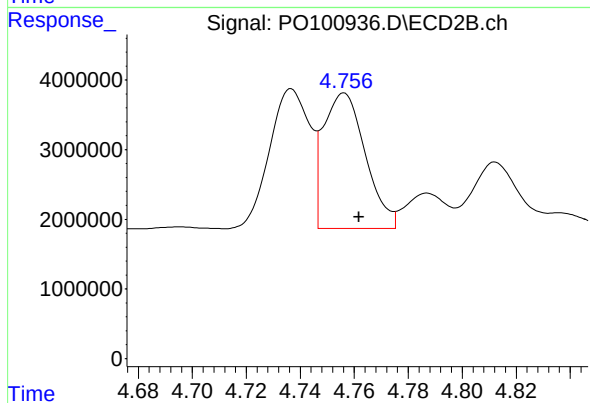
#3 AR-1016-1

R.T.: 4.737 min
Delta R.T.: -0.006 min
Response: 20899267
Conc: 337.72 ng/ml



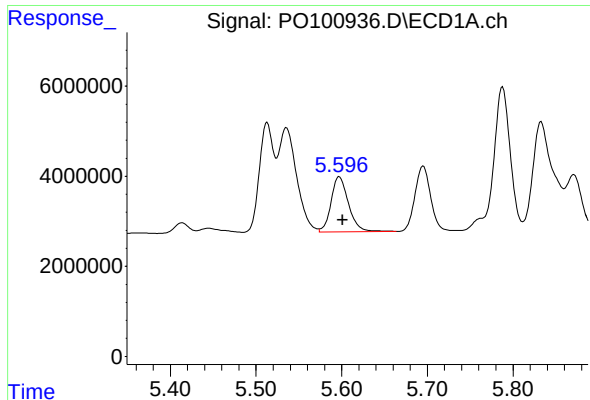
#4 AR-1016-2

R.T.: 5.536 min
Delta R.T.: -0.004 min
Response: 34280713
Conc: 268.55 ng/ml



#4 AR-1016-2

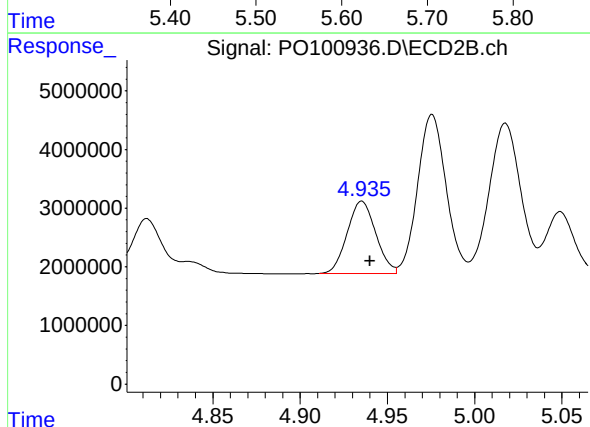
R.T.: 4.756 min
Delta R.T.: -0.006 min
Response: 21012614
Conc: 238.31 ng/ml



#5 AR-1016-3

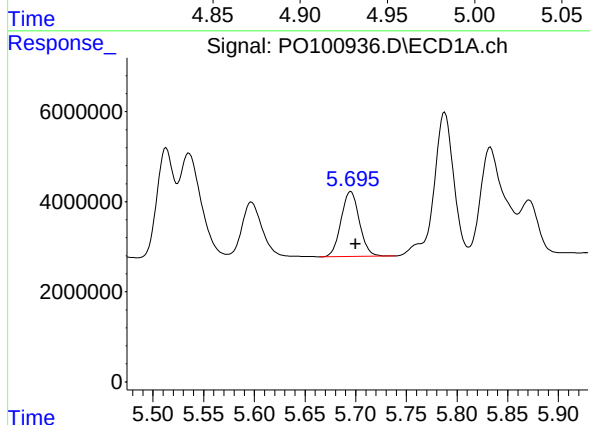
R.T.: 5.597 min
Delta R.T.: -0.004 min
Response: 17323282
Conc: 219.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



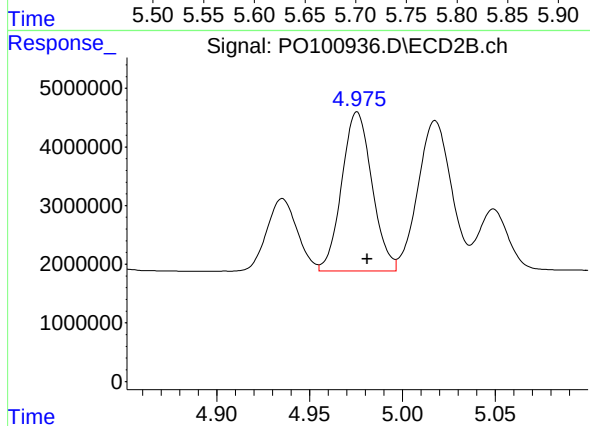
#5 AR-1016-3

R.T.: 4.935 min
Delta R.T.: -0.005 min
Response: 14041991
Conc: 300.59 ng/ml



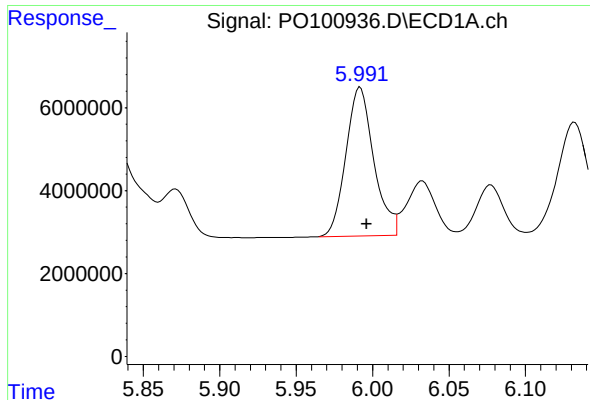
#6 AR-1016-4

R.T.: 5.695 min
Delta R.T.: -0.005 min
Response: 18123312
Conc: 297.41 ng/ml



#6 AR-1016-4

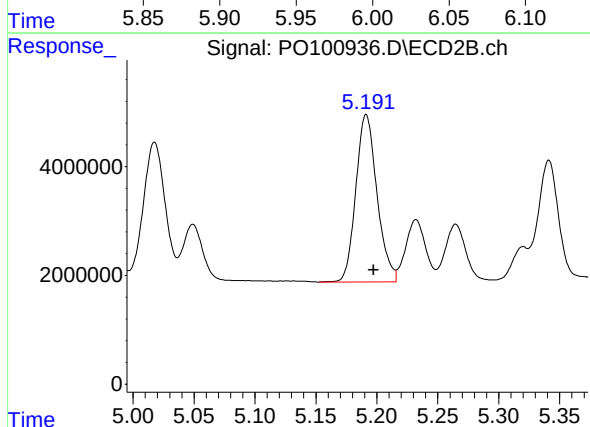
R.T.: 4.976 min
Delta R.T.: -0.006 min
Response: 30836031
Conc: 751.40 ng/ml



#7 AR-1016-5

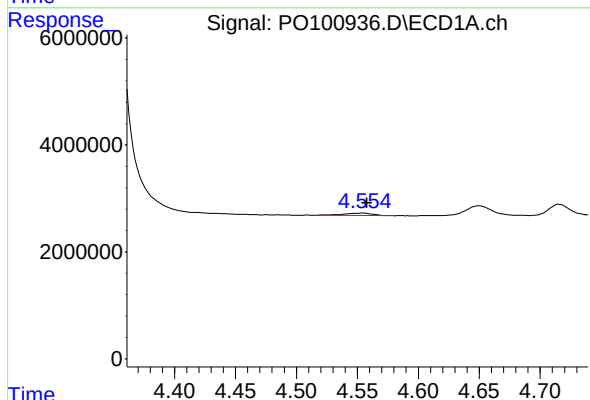
R.T.: 5.992 min
Delta R.T.: -0.004 min
Response: 45799219
Conc: 748.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



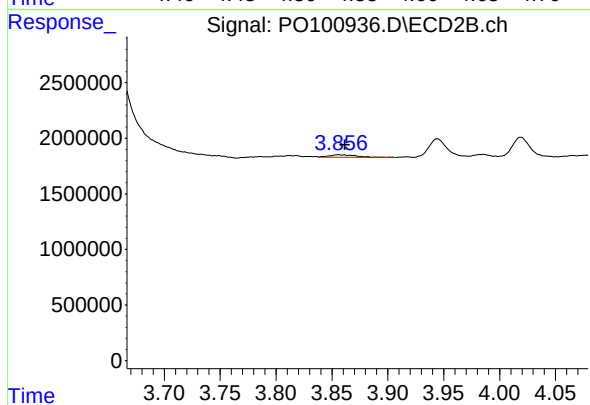
#7 AR-1016-5

R.T.: 5.191 min
Delta R.T.: -0.006 min
Response: 37208811
Conc: 716.29 ng/ml



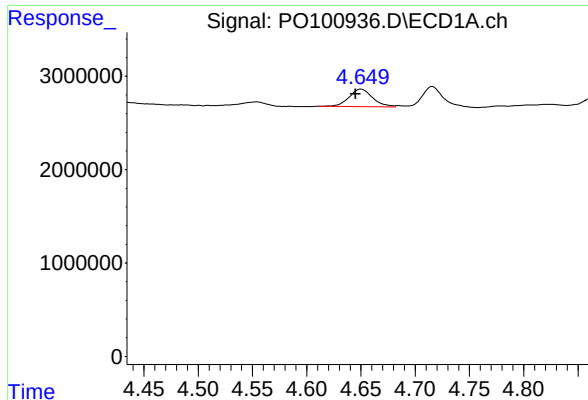
#8 AR-1221-1

R.T.: 4.554 min
Delta R.T.: -0.004 min
Response: 735252
Conc: 19.89 ng/ml



#8 AR-1221-1

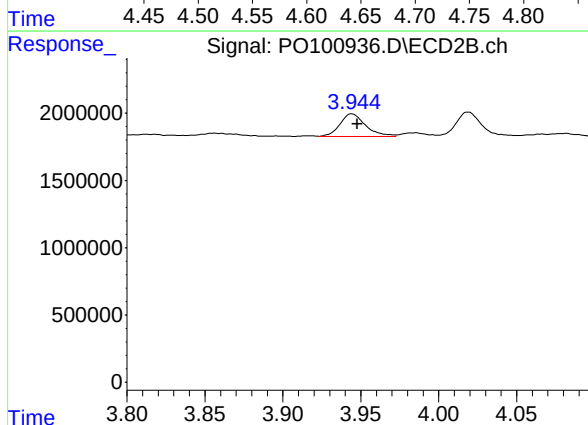
R.T.: 3.856 min
Delta R.T.: -0.006 min
Response: 360300
Conc: 14.35 ng/ml



#9 AR-1221-2

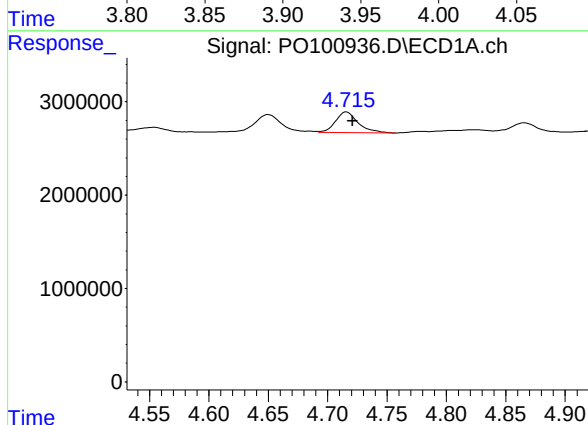
R.T.: 4.650 min
Delta R.T.: 0.005 min
Response: 2808736
Conc: 101.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



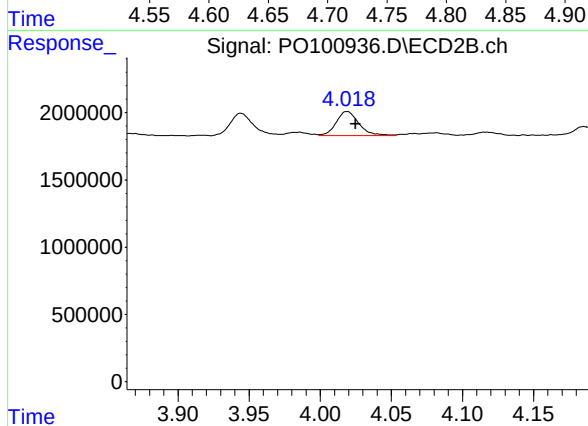
#9 AR-1221-2

R.T.: 3.944 min
Delta R.T.: -0.003 min
Response: 1905627
Conc: 99.24 ng/ml



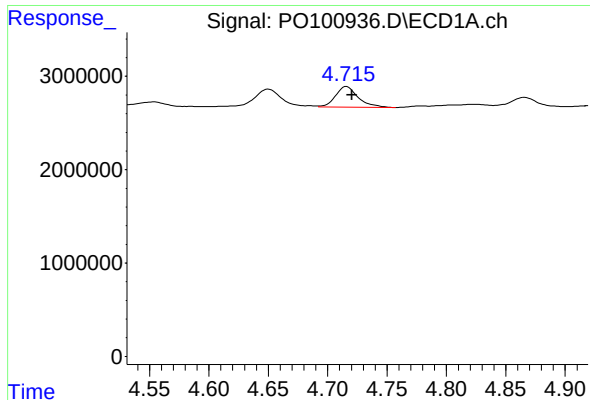
#10 AR-1221-3

R.T.: 4.716 min
Delta R.T.: -0.005 min
Response: 2979118
Conc: 35.69 ng/ml



#10 AR-1221-3

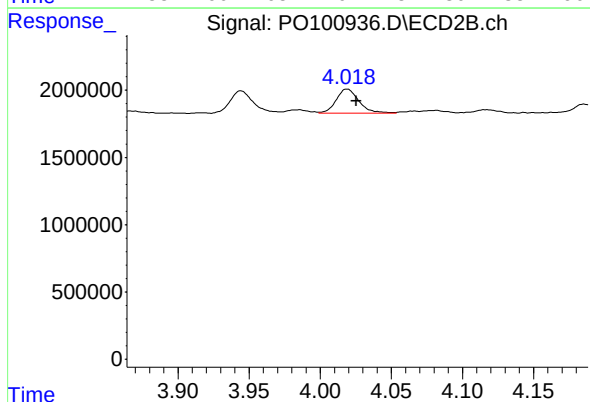
R.T.: 4.019 min
Delta R.T.: -0.006 min
Response: 2020647
Conc: 34.34 ng/ml



#11 AR-1232-1

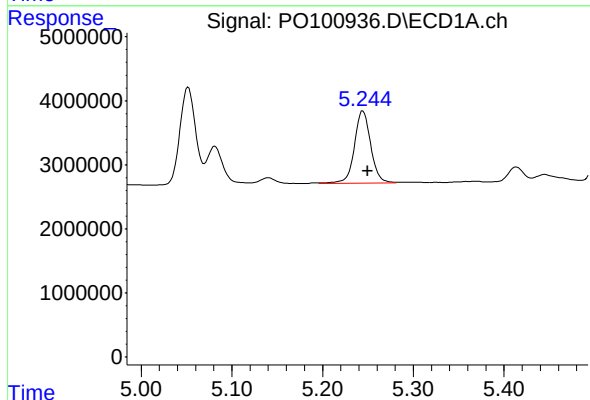
R.T.: 4.716 min
Delta R.T.: -0.005 min
Response: 2979118
Conc: 44.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



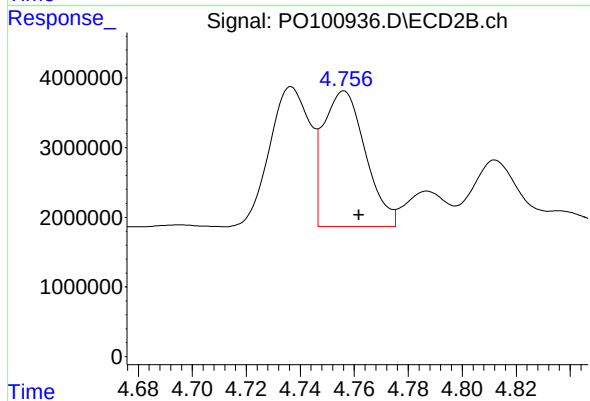
#11 AR-1232-1

R.T.: 4.019 min
Delta R.T.: -0.006 min
Response: 2020647
Conc: 42.74 ng/ml



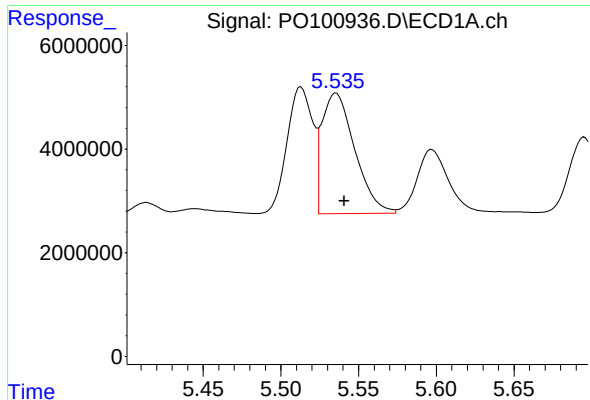
#12 AR-1232-2

R.T.: 5.244 min
Delta R.T.: -0.005 min
Response: 14135492
Conc: 403.19 ng/ml



#12 AR-1232-2

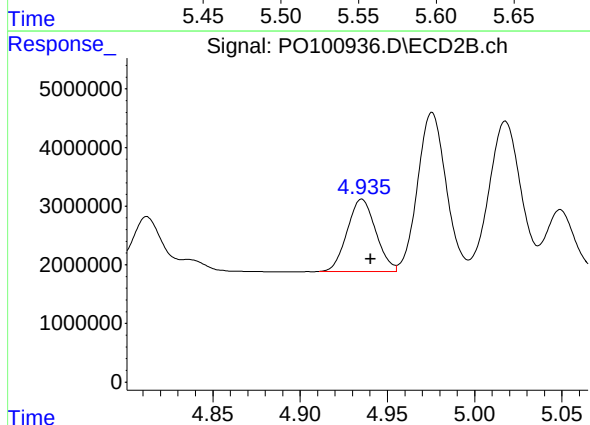
R.T.: 4.756 min
Delta R.T.: -0.006 min
Response: 21012614
Conc: 503.78 ng/ml



#13 AR-1232-3

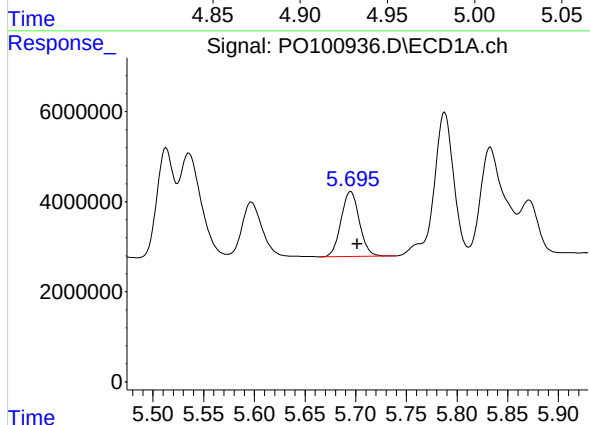
R.T.: 5.536 min
Delta R.T.: -0.005 min
Response: 34280713
Conc: 574.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



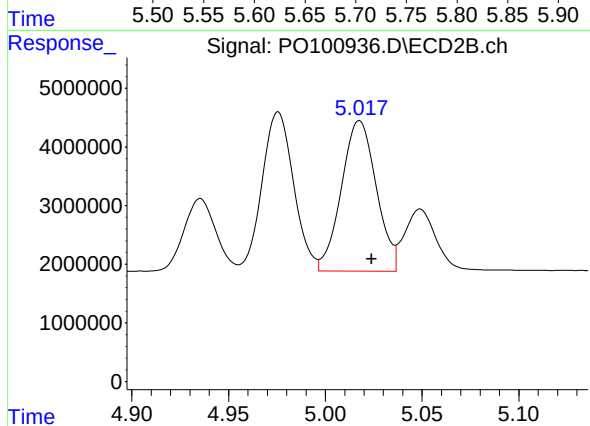
#13 AR-1232-3

R.T.: 4.935 min
Delta R.T.: -0.005 min
Response: 14041991
Conc: 654.53 ng/ml



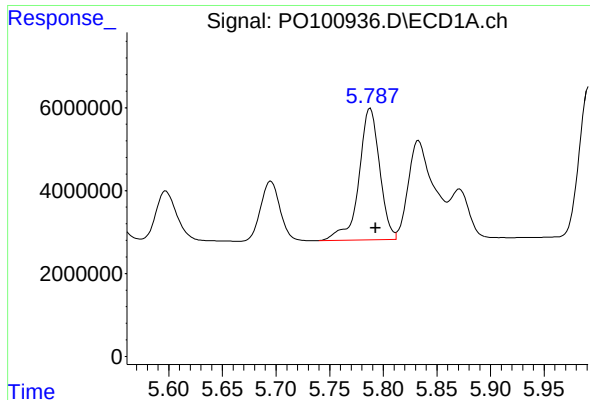
#14 AR-1232-4

R.T.: 5.695 min
Delta R.T.: -0.006 min
Response: 18123312
Conc: 660.96 ng/ml



#14 AR-1232-4

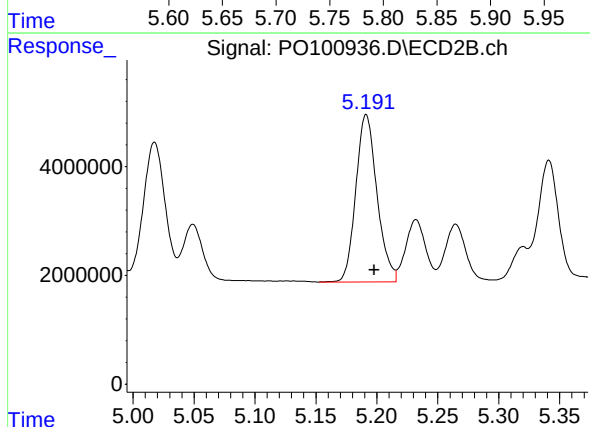
R.T.: 5.018 min
Delta R.T.: -0.006 min
Response: 32203059
Conc: 1515.66 ng/ml



#15 AR-1232-5

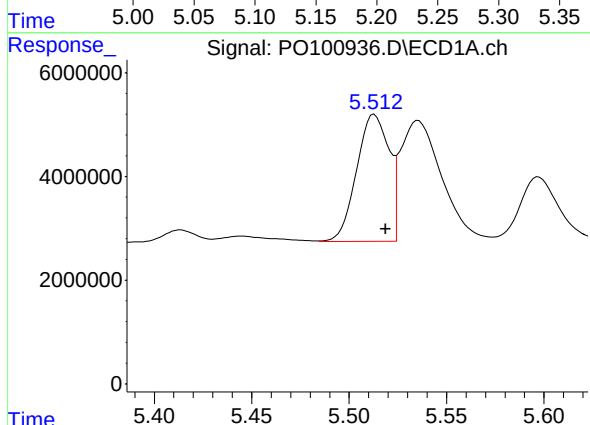
R.T.: 5.788 min
Delta R.T.: -0.005 min
Response: 42713301
Conc: 1776.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



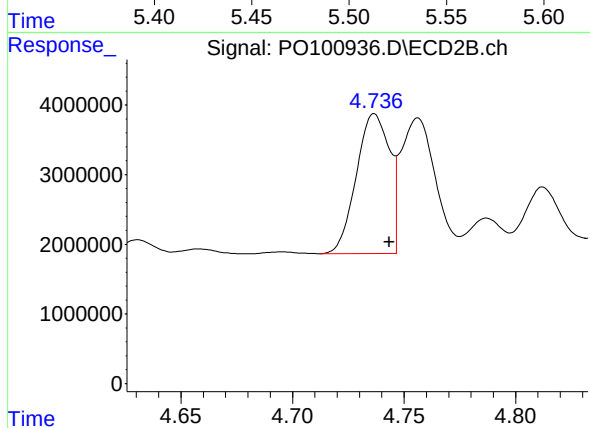
#15 AR-1232-5

R.T.: 5.191 min
Delta R.T.: -0.007 min
Response: 37208811
Conc: 1702.64 ng/ml



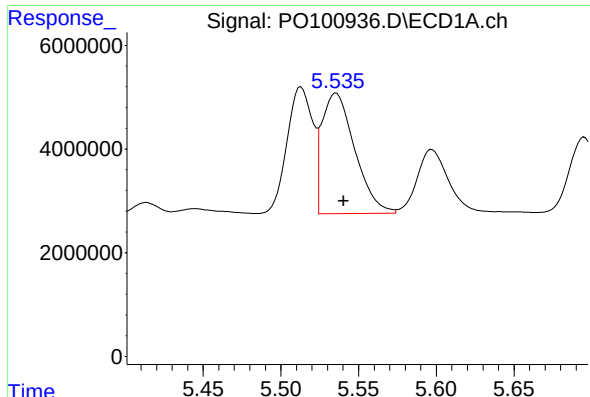
#16 AR-1242-1

R.T.: 5.513 min
Delta R.T.: -0.006 min
Response: 28116634
Conc: 398.64 ng/ml



#16 AR-1242-1

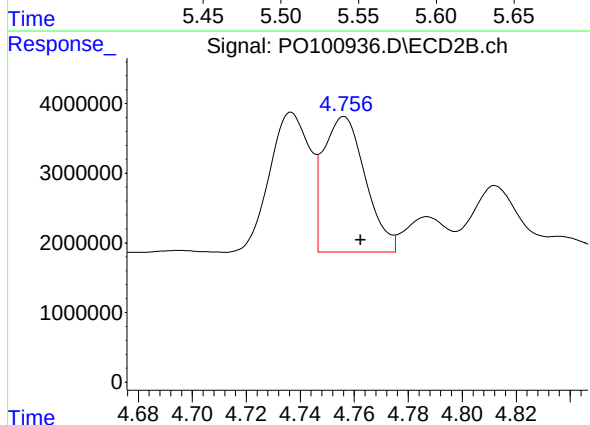
R.T.: 4.737 min
Delta R.T.: -0.007 min
Response: 20899267
Conc: 400.15 ng/ml



#17 AR-1242-2

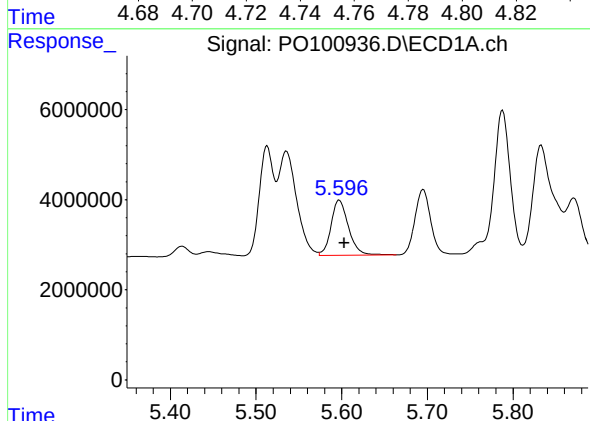
R.T.: 5.536 min
Delta R.T.: -0.005 min
Response: 34280713
Conc: 326.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



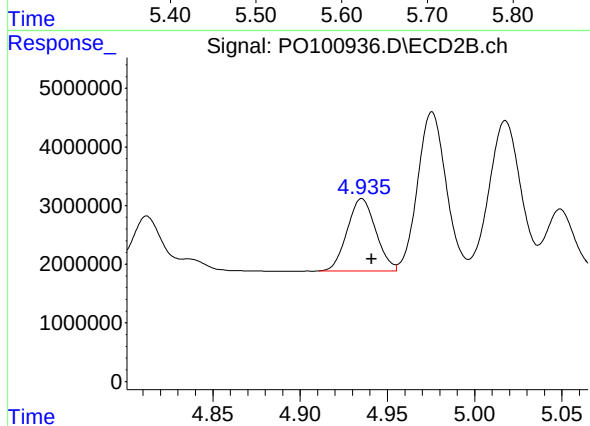
#17 AR-1242-2

R.T.: 4.756 min
Delta R.T.: -0.006 min
Response: 21012614
Conc: 289.93 ng/ml



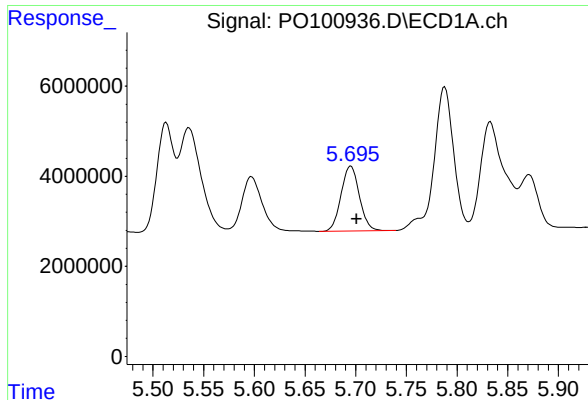
#18 AR-1242-3

R.T.: 5.597 min
Delta R.T.: -0.006 min
Response: 17323282
Conc: 266.49 ng/ml



#18 AR-1242-3

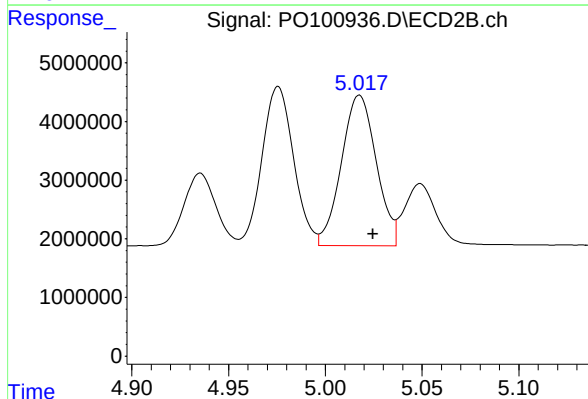
R.T.: 4.935 min
Delta R.T.: -0.006 min
Response: 14041991
Conc: 366.47 ng/ml



#19 AR-1242-4

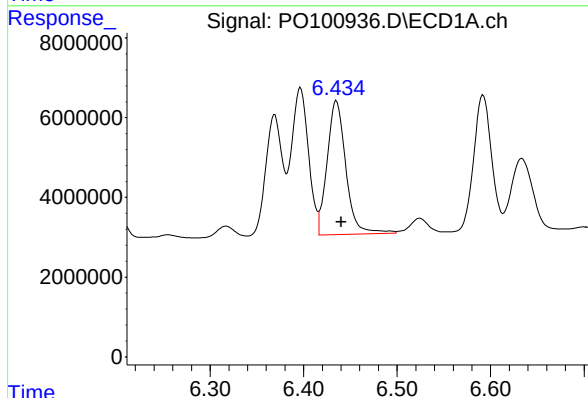
R.T.: 5.695 min
Delta R.T.: -0.006 min
Response: 18123312
Conc: 361.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



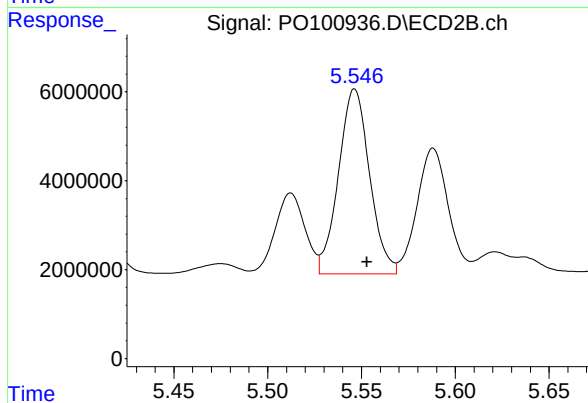
#19 AR-1242-4

R.T.: 5.018 min
Delta R.T.: -0.007 min
Response: 32203059
Conc: 772.60 ng/ml



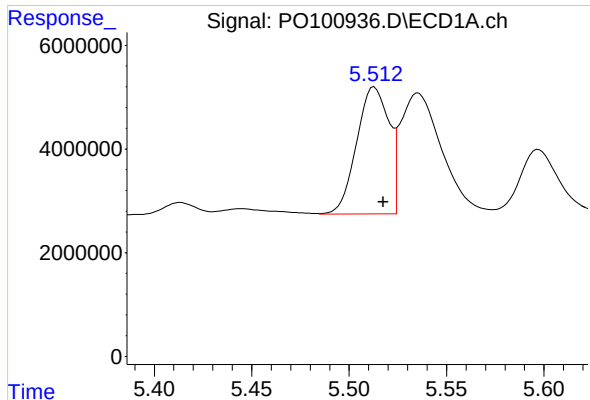
#20 AR-1242-5

R.T.: 6.435 min
Delta R.T.: -0.005 min
Response: 46994078
Conc: 907.98 ng/ml



#20 AR-1242-5

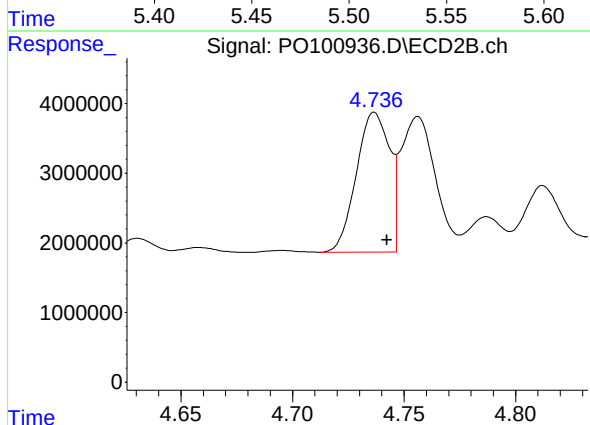
R.T.: 5.546 min
Delta R.T.: -0.007 min
Response: 47995483
Conc: 1045.78 ng/ml



#21 AR-1248-1

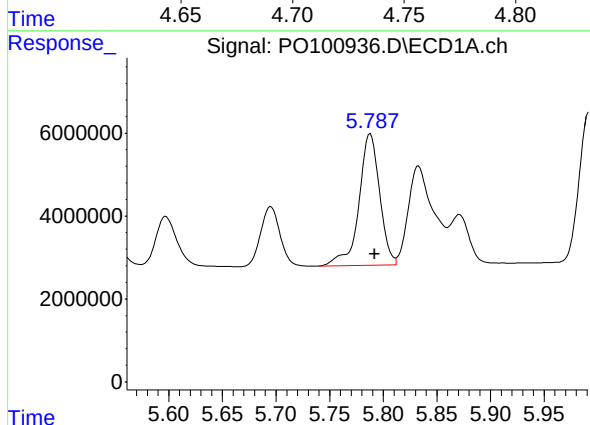
R.T.: 5.513 min
Delta R.T.: -0.005 min
Response: 28116634
Conc: 512.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



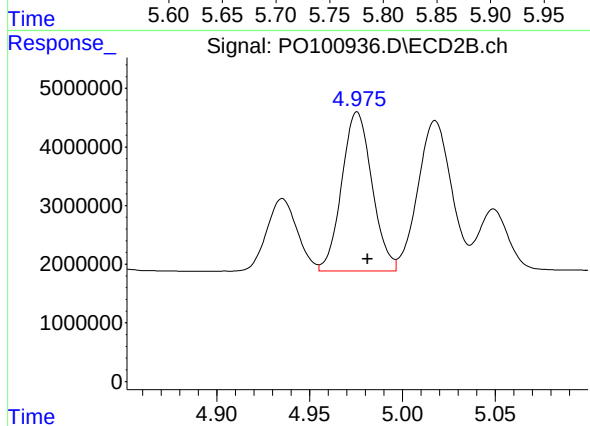
#21 AR-1248-1

R.T.: 4.737 min
Delta R.T.: -0.006 min
Response: 20899267
Conc: 522.63 ng/ml



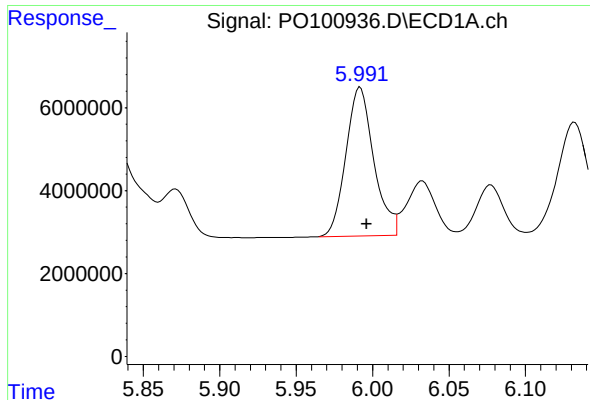
#22 AR-1248-2

R.T.: 5.788 min
Delta R.T.: -0.004 min
Response: 42713301
Conc: 494.55 ng/ml



#22 AR-1248-2

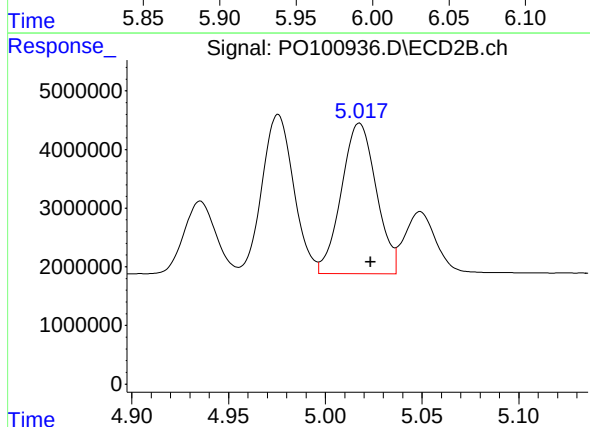
R.T.: 4.976 min
Delta R.T.: -0.006 min
Response: 30836031
Conc: 512.54 ng/ml



#23 AR-1248-3

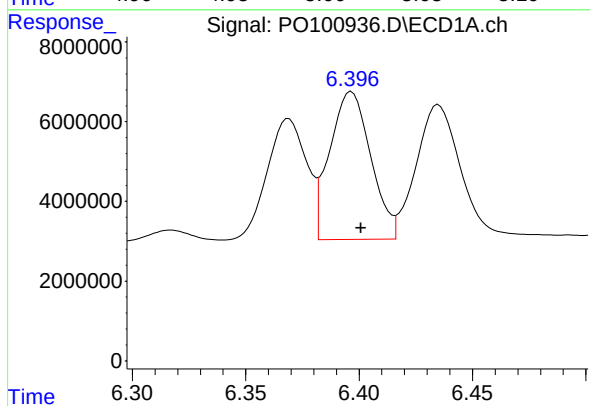
R.T.: 5.992 min
Delta R.T.: -0.004 min
Response: 45799219
Conc: 521.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



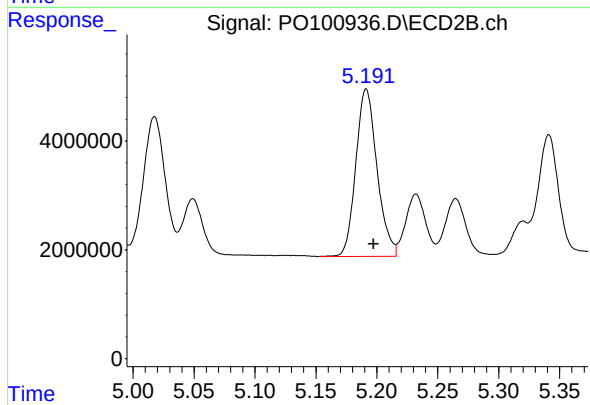
#23 AR-1248-3

R.T.: 5.018 min
Delta R.T.: -0.006 min
Response: 32203059
Conc: 515.17 ng/ml



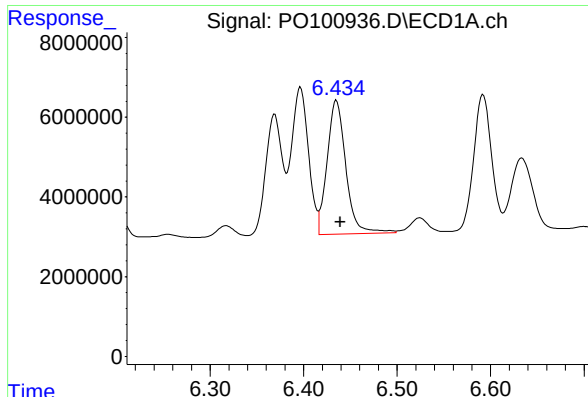
#24 AR-1248-4

R.T.: 6.397 min
Delta R.T.: -0.004 min
Response: 46880392
Conc: 521.43 ng/ml



#24 AR-1248-4

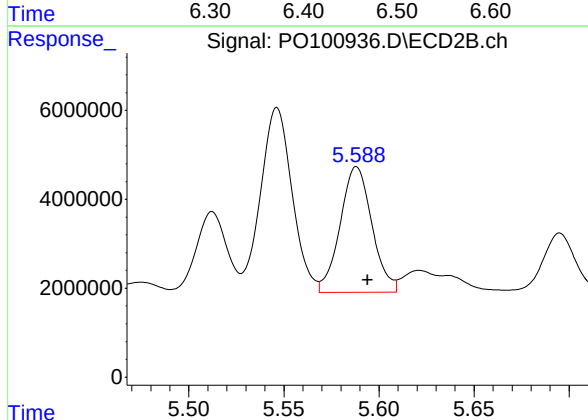
R.T.: 5.191 min
Delta R.T.: -0.006 min
Response: 37208811
Conc: 516.57 ng/ml



#25 AR-1248-5

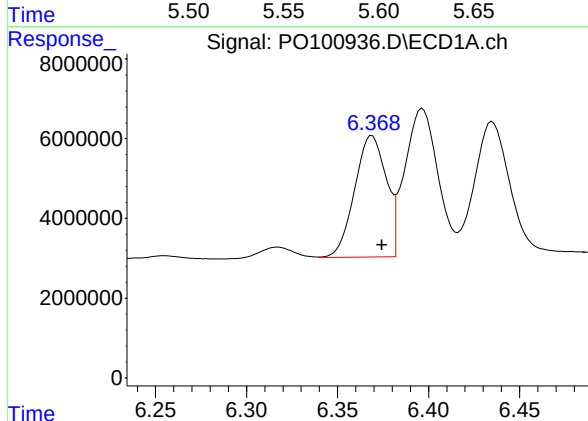
R.T.: 6.435 min
Delta R.T.: -0.004 min
Response: 46994078
Conc: 523.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



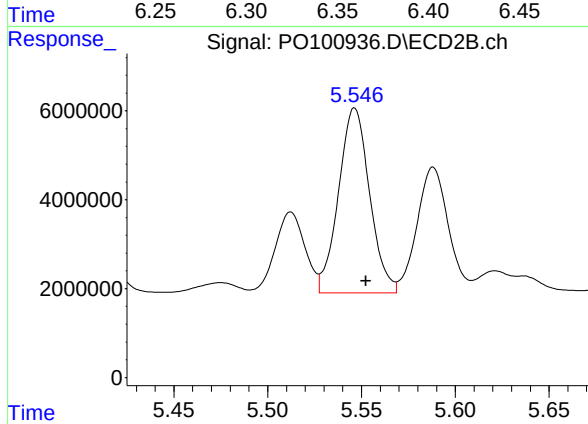
#25 AR-1248-5

R.T.: 5.588 min
Delta R.T.: -0.006 min
Response: 32897230
Conc: 533.25 ng/ml



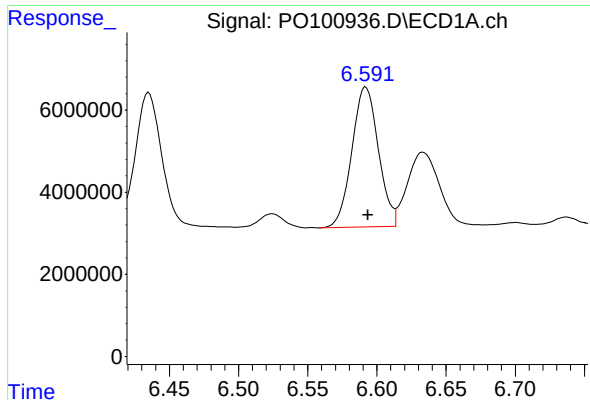
#26 AR-1254-1

R.T.: 6.369 min
Delta R.T.: -0.006 min
Response: 37018619
Conc: 352.16 ng/ml



#26 AR-1254-1

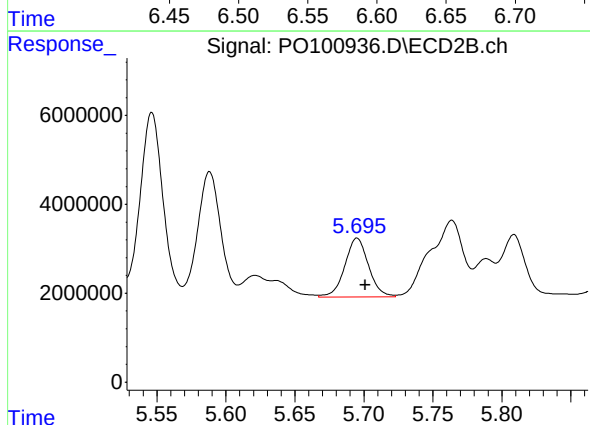
R.T.: 5.546 min
Delta R.T.: -0.006 min
Response: 47995483
Conc: 467.66 ng/ml



#27 AR-1254-2

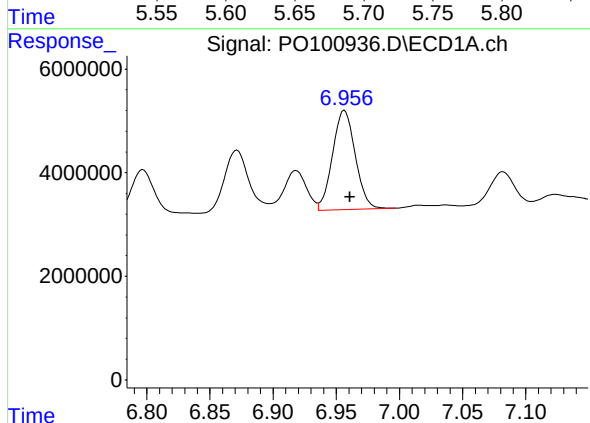
R.T.: 6.592 min
Delta R.T.: -0.002 min
Response: 45442551
Conc: 307.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



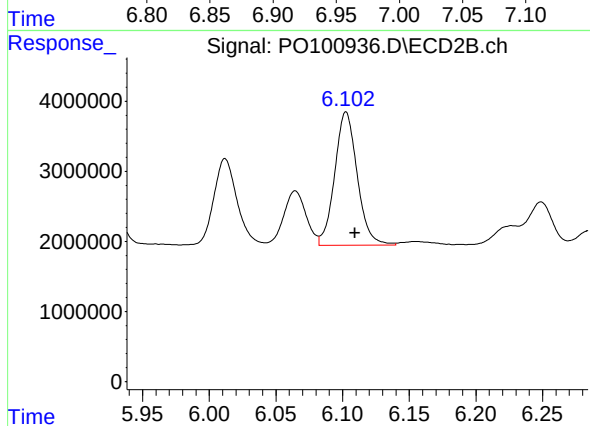
#27 AR-1254-2

R.T.: 5.695 min
Delta R.T.: -0.006 min
Response: 15912875
Conc: 173.21 ng/ml



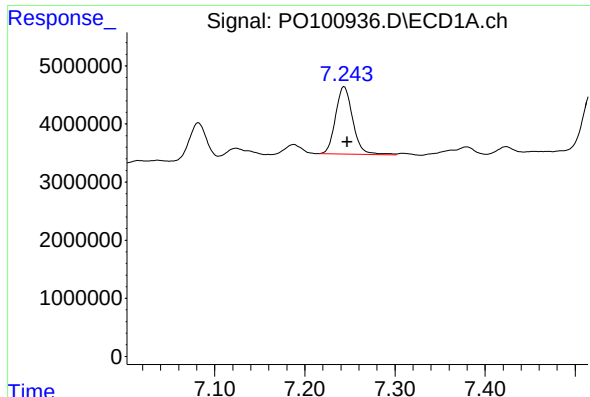
#28 AR-1254-3

R.T.: 6.957 min
Delta R.T.: -0.004 min
Response: 23967676
Conc: 171.16 ng/ml



#28 AR-1254-3

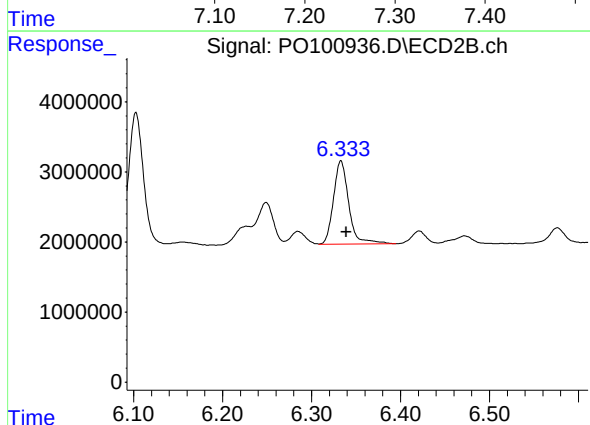
R.T.: 6.103 min
Delta R.T.: -0.007 min
Response: 22416323
Conc: 165.75 ng/ml



#29 AR-1254-4

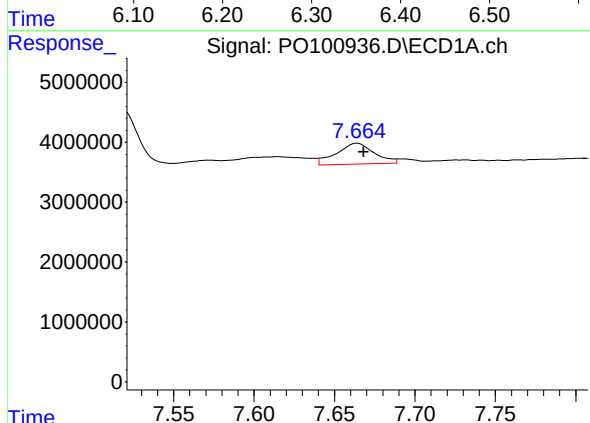
R.T.: 7.244 min
Delta R.T.: -0.003 min
Response: 15359266
Conc: 180.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



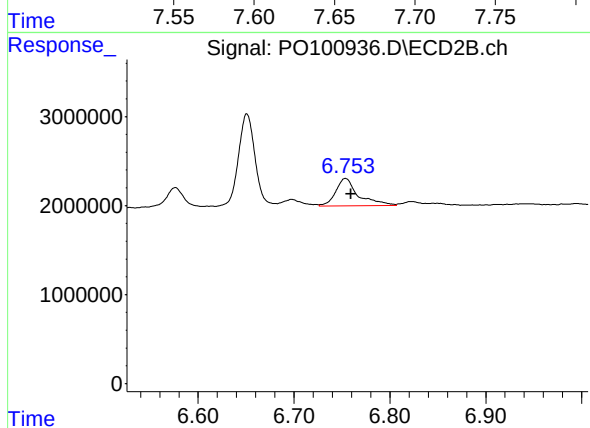
#29 AR-1254-4

R.T.: 6.333 min
Delta R.T.: -0.006 min
Response: 14231783
Conc: 197.30 ng/ml



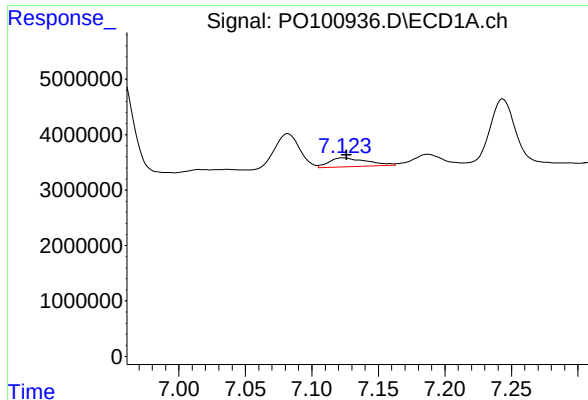
#30 AR-1254-5

R.T.: 7.664 min
Delta R.T.: -0.004 min
Response: 5699373
Conc: 48.17 ng/ml



#30 AR-1254-5

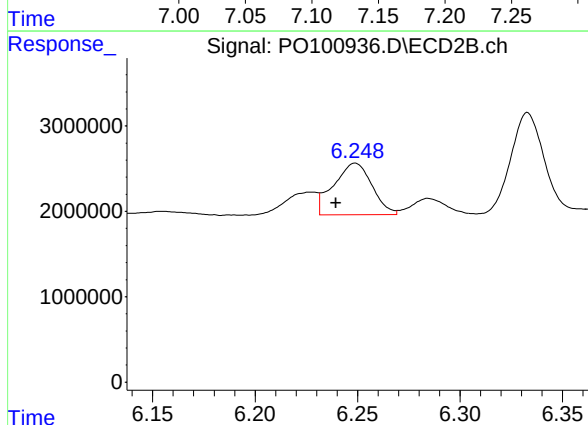
R.T.: 6.754 min
Delta R.T.: -0.006 min
Response: 5074050
Conc: 44.04 ng/ml



#31 AR-1260-1

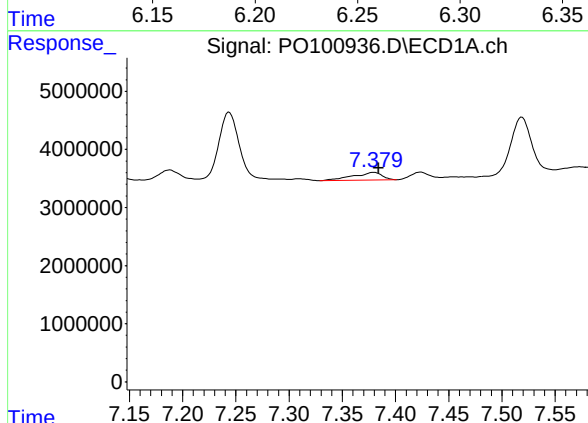
R.T.: 7.123 min
Delta R.T.: -0.003 min
Response: 3242034
Conc: 23.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



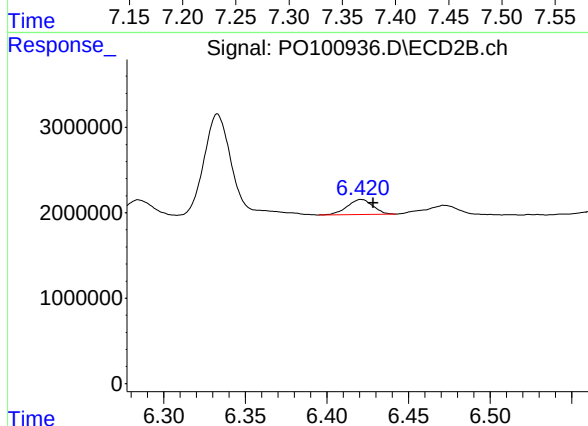
#31 AR-1260-1

R.T.: 6.249 min
Delta R.T.: 0.009 min
Response: 7903417
Conc: 82.97 ng/ml



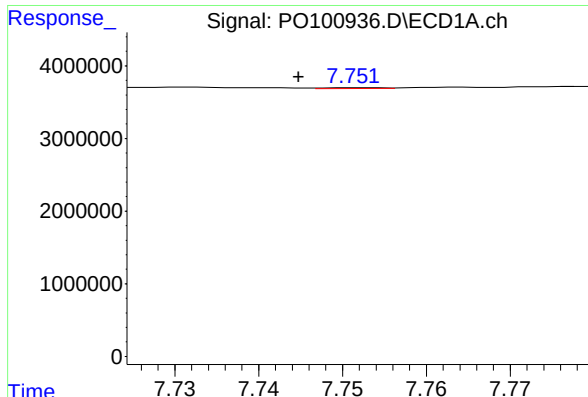
#32 AR-1260-2

R.T.: 7.380 min
Delta R.T.: -0.004 min
Response: 2528664
Conc: 20.11 ng/ml



#32 AR-1260-2

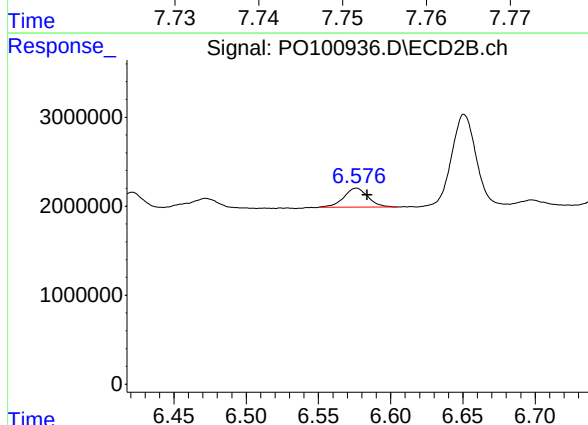
R.T.: 6.421 min
Delta R.T.: -0.007 min
Response: 1895087
Conc: 17.63 ng/ml



#33 AR-1260-3

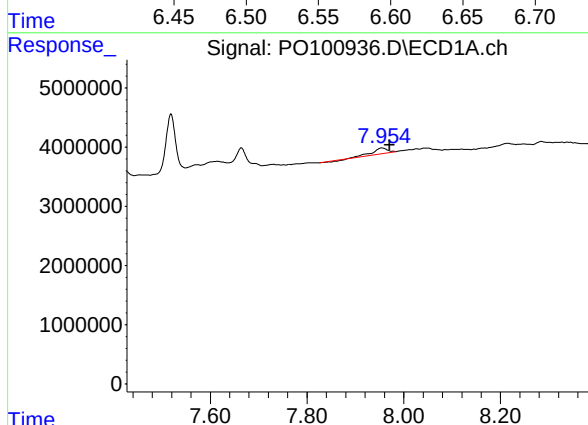
R.T.: 7.752 min
Delta R.T.: 0.007 min
Response: 47963
Conc: 0.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



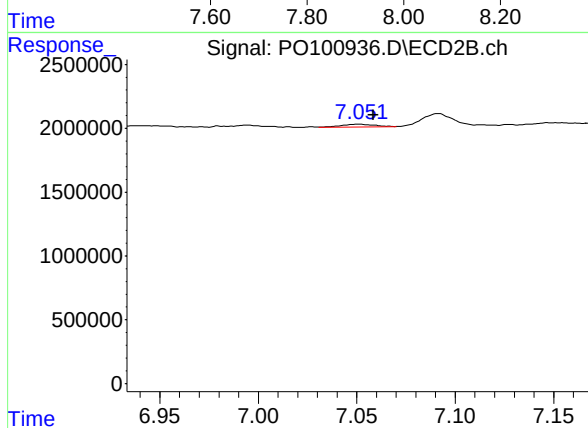
#33 AR-1260-3

R.T.: 6.576 min
Delta R.T.: -0.008 min
Response: 2488045
Conc: 24.27 ng/ml



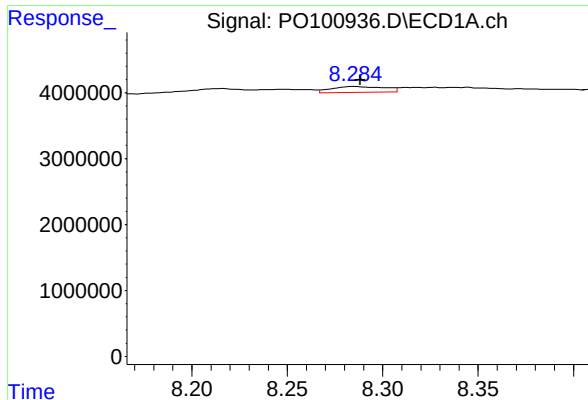
#34 AR-1260-4

R.T.: 7.954 min
Delta R.T.: -0.016 min
Response: 1972231
Conc: 18.69 ng/ml



#34 AR-1260-4

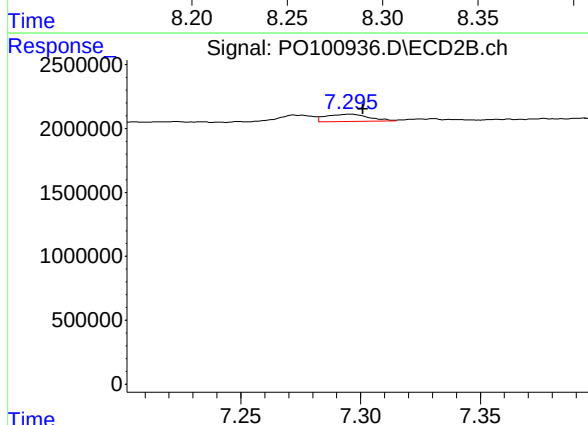
R.T.: 7.051 min
Delta R.T.: -0.007 min
Response: 238230
Conc: 2.92 ng/ml



#35 AR-1260-5

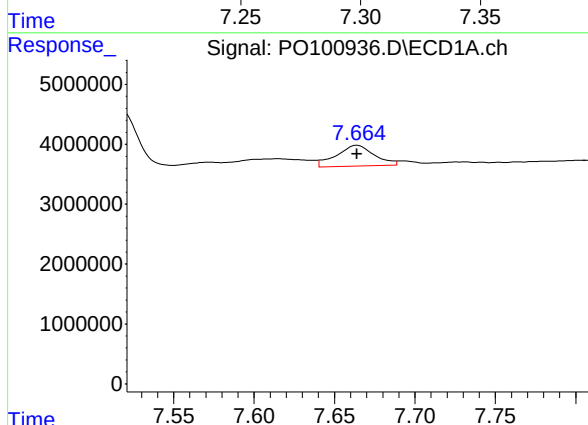
R.T.: 8.285 min
Delta R.T.: -0.003 min
Response: 1715018
Conc: 8.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



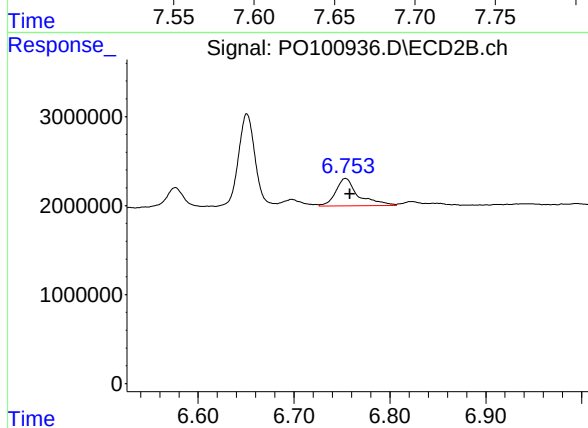
#35 AR-1260-5

R.T.: 7.295 min
Delta R.T.: -0.005 min
Response: 701944
Conc: 3.89 ng/ml



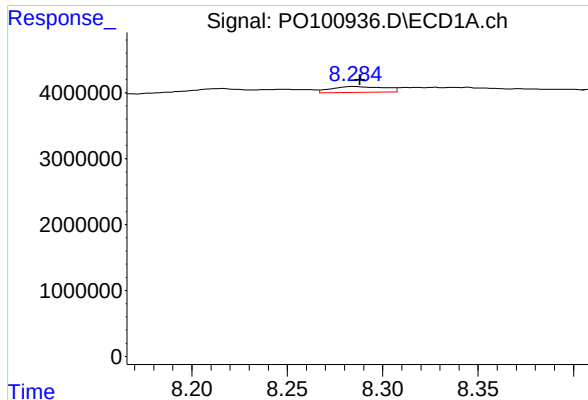
#36 AR-1262-1

R.T.: 7.664 min
Delta R.T.: 0.000 min
Response: 5699373
Conc: 57.05 ng/ml



#36 AR-1262-1

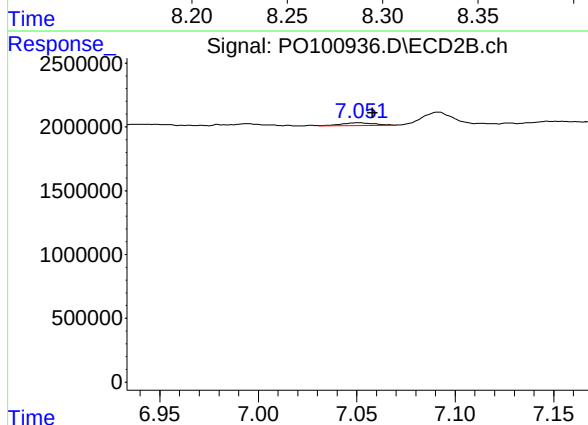
R.T.: 6.754 min
Delta R.T.: -0.005 min
Response: 5074050
Conc: 81.34 ng/ml



#37 AR-1262-2

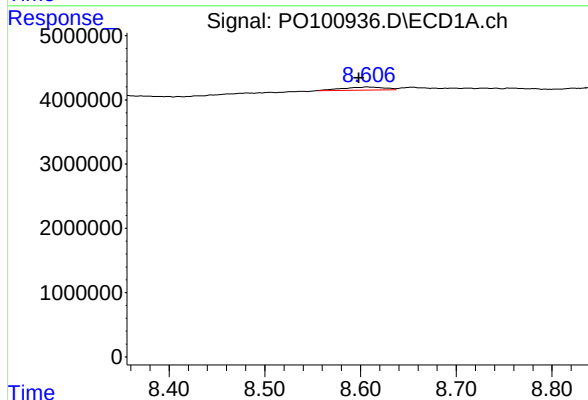
R.T.: 8.285 min
Delta R.T.: -0.003 min
Response: 1715018
Conc: 7.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



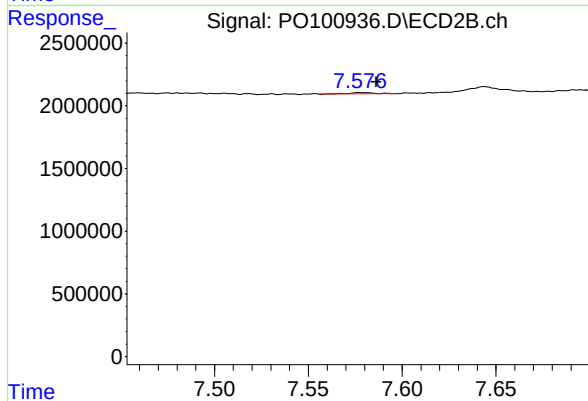
#37 AR-1262-2

R.T.: 7.051 min
Delta R.T.: -0.007 min
Response: 238230
Conc: 2.11 ng/ml



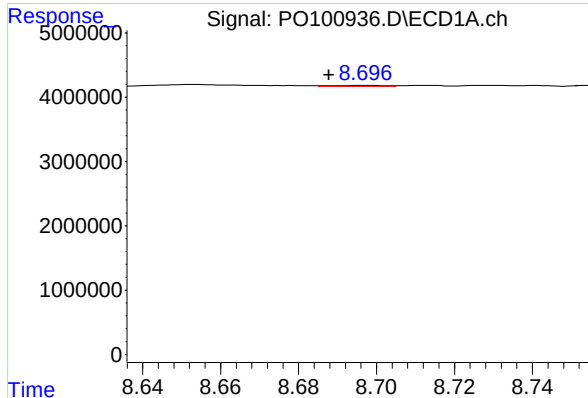
#38 AR-1262-3

R.T.: 8.607 min
Delta R.T.: 0.008 min
Response: 1411978
Conc: 8.69 ng/ml



#38 AR-1262-3

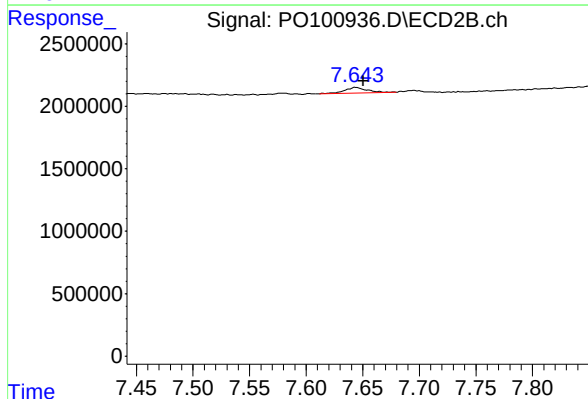
R.T.: 7.577 min
Delta R.T.: -0.009 min
Response: 110139
Conc: 1.43 ng/ml



#39 AR-1262-4

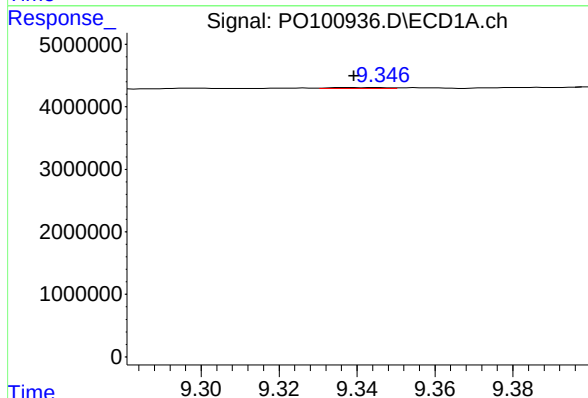
R.T.: 8.698 min
Delta R.T.: 0.010 min
Response: 153711
Conc: 1.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



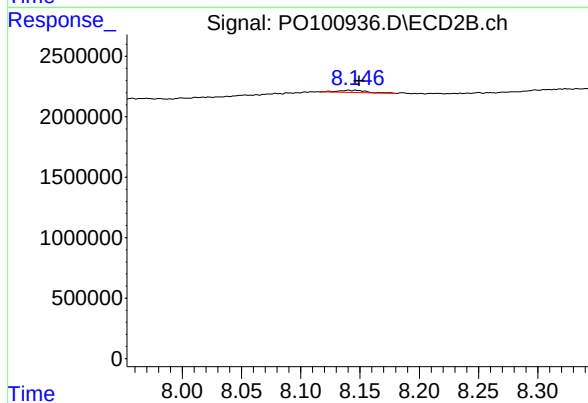
#39 AR-1262-4

R.T.: 7.644 min
Delta R.T.: -0.007 min
Response: 648221
Conc: 4.39 ng/ml



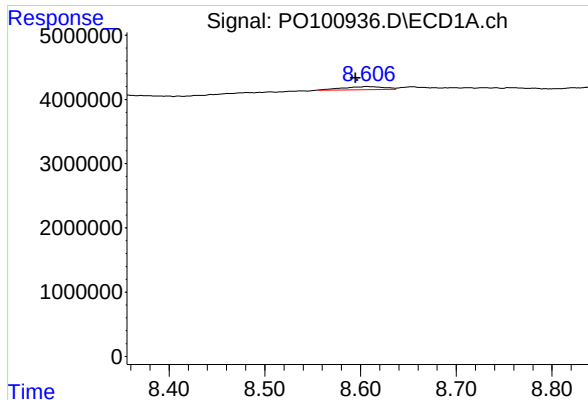
#40 AR-1262-5

R.T.: 9.337 min
Delta R.T.: -0.002 min
Response: 144908
Conc: 1.82 ng/ml



#40 AR-1262-5

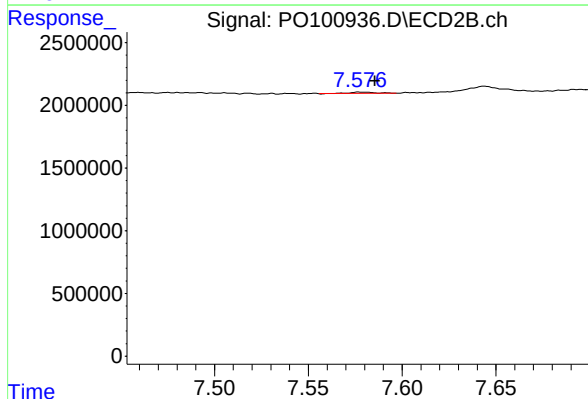
R.T.: 8.141 min
Delta R.T.: -0.009 min
Response: 325332
Conc: 5.09 ng/ml



#41 AR-1268-1

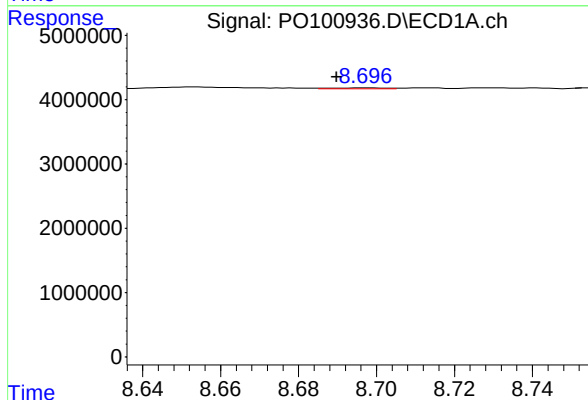
R.T.: 8.607 min
Delta R.T.: 0.012 min
Response: 1411978
Conc: 5.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



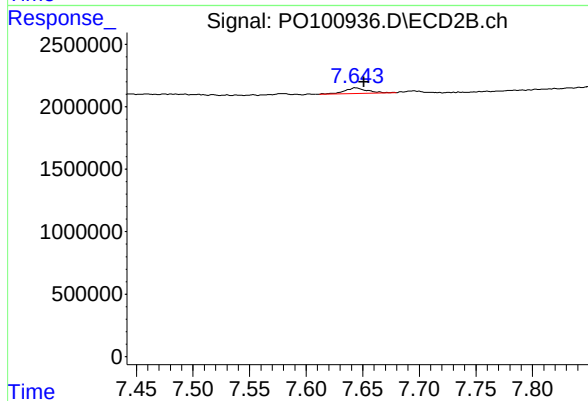
#41 AR-1268-1

R.T.: 7.577 min
Delta R.T.: -0.008 min
Response: 110139
Conc: 0.50 ng/ml



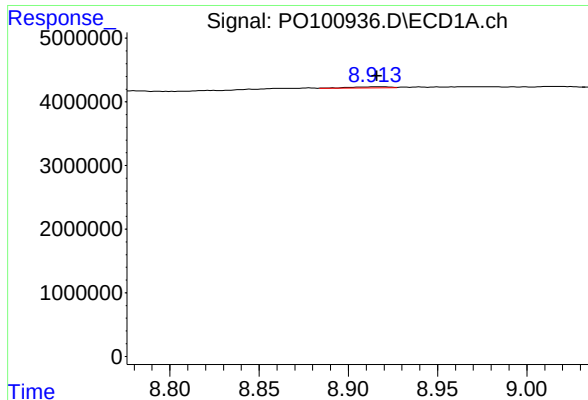
#42 AR-1268-2

R.T.: 8.698 min
Delta R.T.: 0.008 min
Response: 153711
Conc: 0.61 ng/ml



#42 AR-1268-2

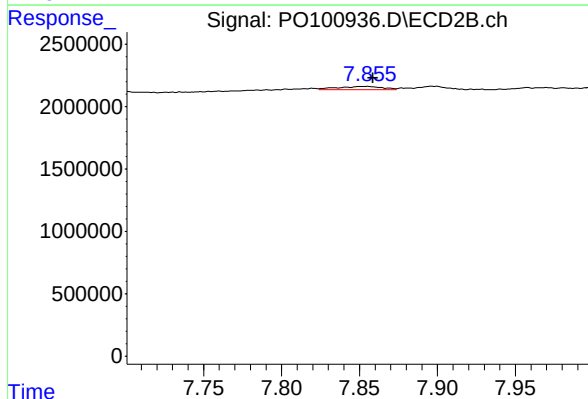
R.T.: 7.644 min
Delta R.T.: -0.007 min
Response: 648221
Conc: 3.20 ng/ml



#43 AR-1268-3

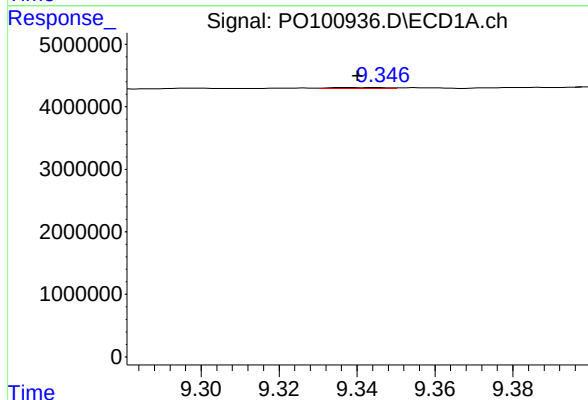
R.T.: 8.915 min
Delta R.T.: -0.001 min
Response: 237113
Conc: 1.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



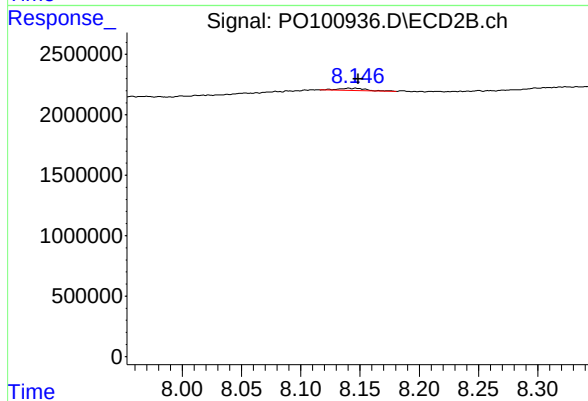
#43 AR-1268-3

R.T.: 7.855 min
Delta R.T.: -0.004 min
Response: 515203
Conc: 2.73 ng/ml



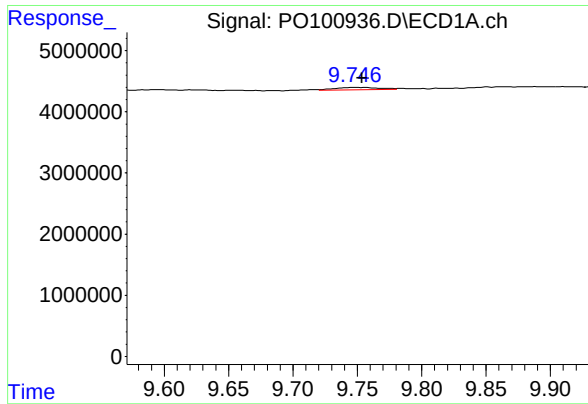
#44 AR-1268-4

R.T.: 9.337 min
Delta R.T.: -0.003 min
Response: 144908
Conc: 1.85 ng/ml



#44 AR-1268-4

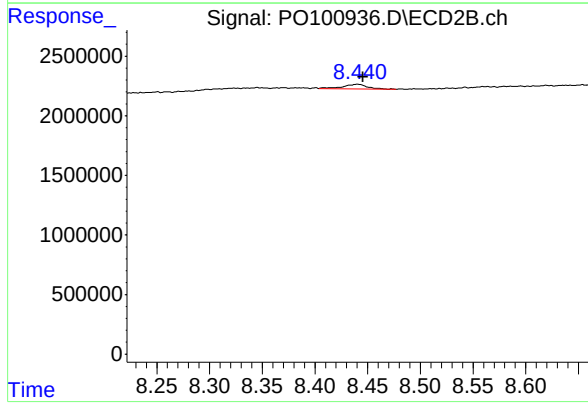
R.T.: 8.141 min
Delta R.T.: -0.008 min
Response: 325332
Conc: 4.85 ng/ml



#45 AR-1268-5

R.T.: 9.747 min
Delta R.T.: -0.007 min
Response: 951163
Conc: 1.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.440 min
Delta R.T.: -0.005 min
Response: 659015
Conc: 1.27 ng/ml