

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012021\
 Data File : P0075006.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Jan 2021 18:27
 Operator : AJ/MA
 Sample : M1085-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 S2-02-D

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 05:31:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0011121.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 12 06:02:45 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.928	4.001	2180599	1147084	20.666	20.392
2)	SA Decachlor...	10.942	9.250	1349543	847108	13.297	15.429
Target Compounds							
3)	L1 AR-1016-1	6.253	5.267	116764	22335	28.559	9.765 #
4)	L1 AR-1016-2	6.253f	5.267	116764	22335	20.503	7.069 #
6)	L1 AR-1016-4	0.000	5.506	0	636801	N.D.	453.105 #
7)	L1 AR-1016-5	6.763	5.733	540298	292660	197.548	170.191
8)	L2 AR-1221-1	5.181	0.000	411605	0	335.101	N.D. #
10)	L2 AR-1221-3	5.384f	0.000	55515	0	19.705	N.D. #
11)	L3 AR-1232-1	5.384f	0.000	55515	0	24.240	N.D. #
12)	L3 AR-1232-2	0.000	5.267	0	22335	N.D.	16.541 #
13)	L3 AR-1232-3	6.253f	0.000	116764	0	48.391	N.D. #
14)	L3 AR-1232-4	0.000	5.549	0	231993	N.D.	364.794 #
15)	L3 AR-1232-5	6.545	5.733	1161561	292660	1427.586	421.458 #
16)	L4 AR-1242-1	6.253	5.267	116764	22335	36.261	12.118 #
17)	L4 AR-1242-2	6.253f	5.267	116764	22335	25.874	8.873 #
19)	L4 AR-1242-4	0.000	5.549	0	231993	N.D.	177.505 #
20)	L4 AR-1242-5	7.235	6.109	1176481	2471513	467.510	1411.622 #
21)	L5 AR-1248-1	6.253	5.267	116764	22335	48.501	16.240 #
22)	L5 AR-1248-2	6.545	5.506	1161561	636801	373.485	338.842
23)	L5 AR-1248-3	6.763	5.549	540298	231993	149.201	122.902
24)	L5 AR-1248-4	7.194	5.733	1755230	292660	393.595	129.935 #
25)	L5 AR-1248-5	7.235	6.152	1176481	334465	279.174	142.265 #
26)	L6 AR-1254-1	7.163	6.109	3821147	2471513	868.810	684.249
27)	L6 AR-1254-2	7.393	6.269	7849888	3180249	1152.570	1020.443
28)	L6 AR-1254-3	7.776	6.685	9904698	6077100	1412.067	1239.233
29)	L6 AR-1254-4	8.073	6.922	9245552	4209366	1524.493	1213.850
30)	L6 AR-1254-5	8.502	7.348	15453514	14476259	2660.300	3198.508
31)	L7 AR-1260-1	7.943	6.820	5511594	3421646	1104.808	1072.521
32)	L7 AR-1260-2	8.209	7.017	9998957	3998773	1469.980	940.655 #
33)	L7 AR-1260-3	8.563	7.167	2201588	3133103	384.106	869.468 #
34)	L7 AR-1260-4	8.799	7.647	5717161	733598	1044.934	234.277 #
35)	L7 AR-1260-5	9.132	7.895	2676833	1339297	214.233	168.493
36)	L8 AR-1262-1	8.563f	7.348	2201588	14476259	247.254	5689.060 #
37)	L8 AR-1262-2	9.132	7.895	2676833	1339297	174.839	145.665
38)	L8 AR-1262-3	9.466f	8.181	2112247	-35408	210.892	N.D. #
39)	L8 AR-1262-4	9.514f	8.239	629108	1354096	84.474	204.385 #
40)	L8 AR-1262-5	10.199	8.737	175492	134557	33.545	43.582 #
41)	L9 AR-1268-1	9.466f	8.181	2112247	-35408	113.054	N.D. #
42)	L9 AR-1268-2	9.514f	8.239	629108	1354096	39.430	141.535 #
43)	L9 AR-1268-3	0.000	8.449	0	17511	N.D.	2.108 #
44)	L9 AR-1268-4	10.199	8.737	175492	134557	29.955	38.787 #

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Volume Inj. : 2 µl
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 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
45) L9	AR-1268-5	10.609	9.011	184878	215949	4.424	9.120 #

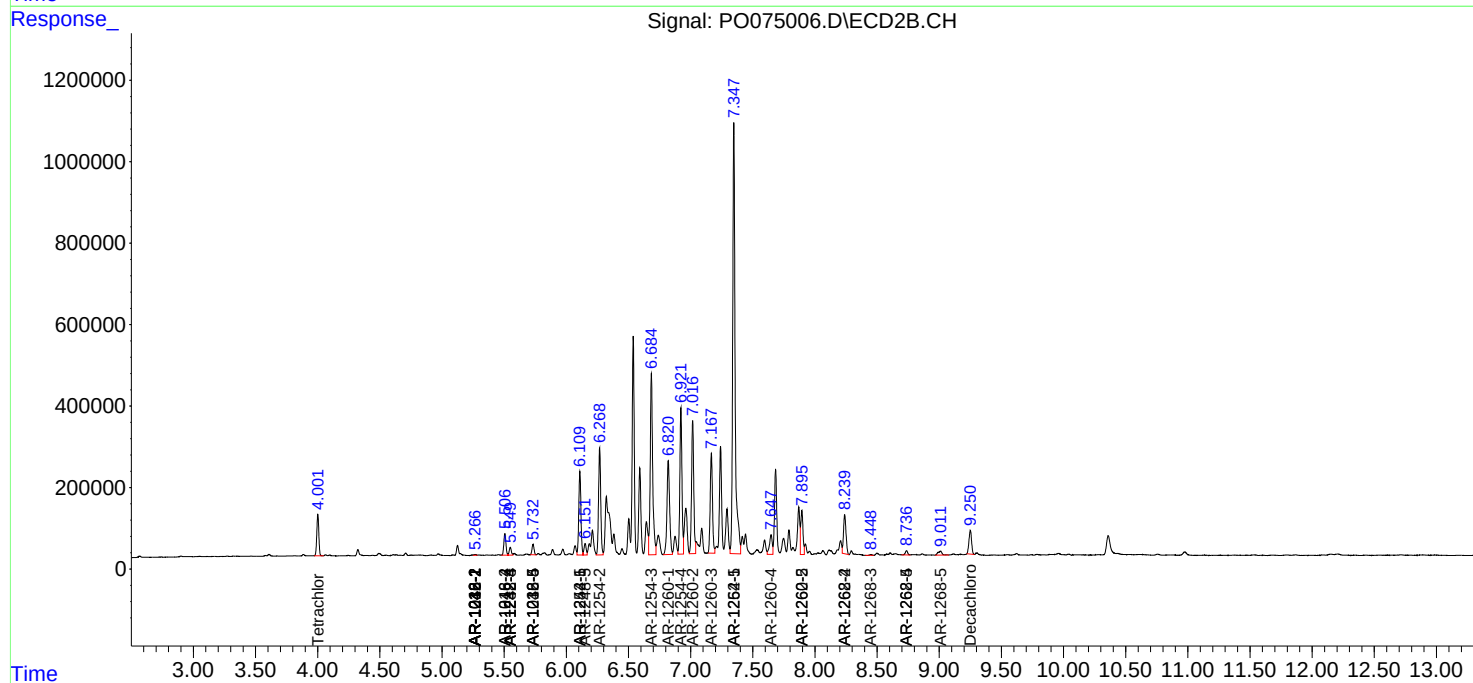
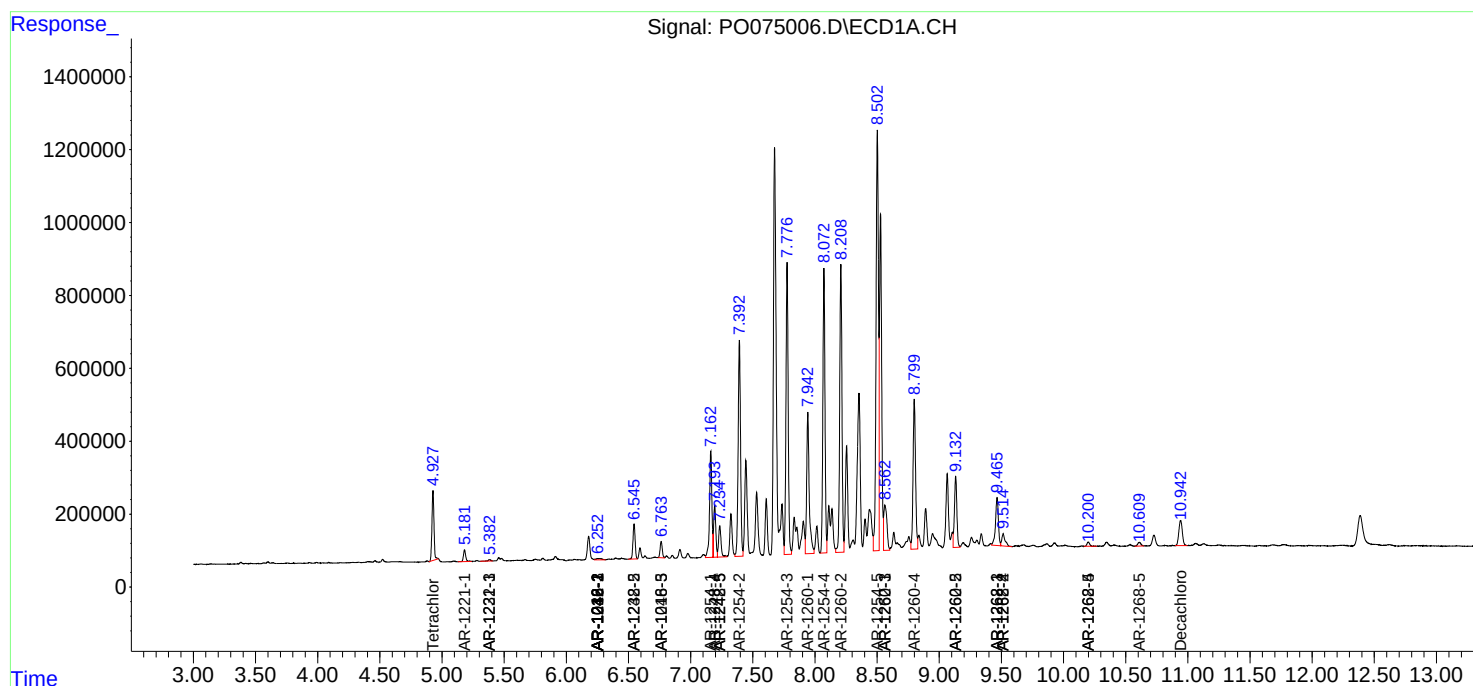
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

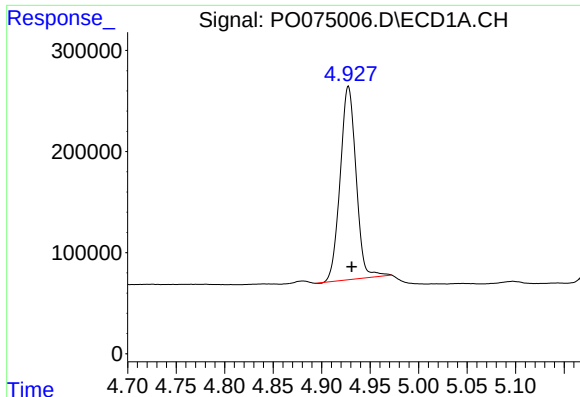
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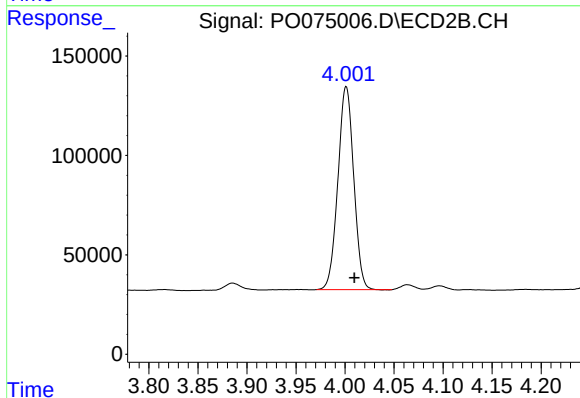




#1 Tetrachloro-m-xylene

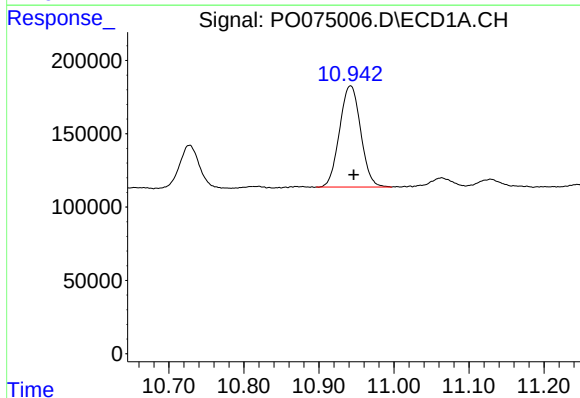
R.T.: 4.928 min
Delta R.T.: -0.003 min
Response: 2180599
Conc: 20.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-02-D



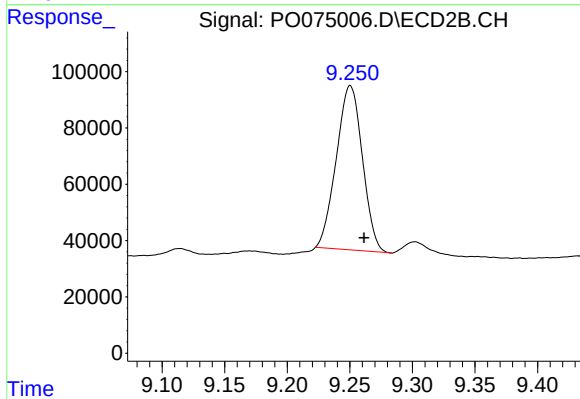
#1 Tetrachloro-m-xylene

R.T.: 4.001 min
Delta R.T.: -0.008 min
Response: 1147084
Conc: 20.39 ng/ml



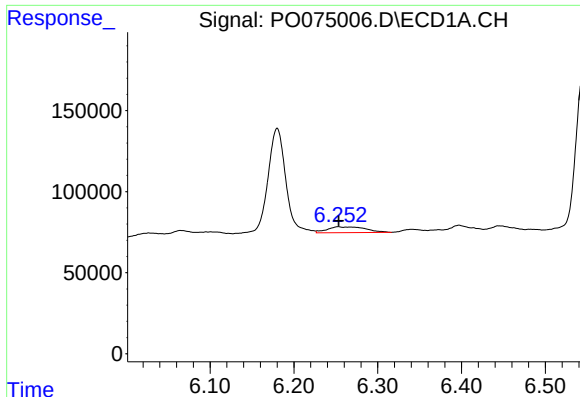
#2 Decachlorobiphenyl

R.T.: 10.942 min
Delta R.T.: -0.004 min
Response: 1349543
Conc: 13.30 ng/ml



#2 Decachlorobiphenyl

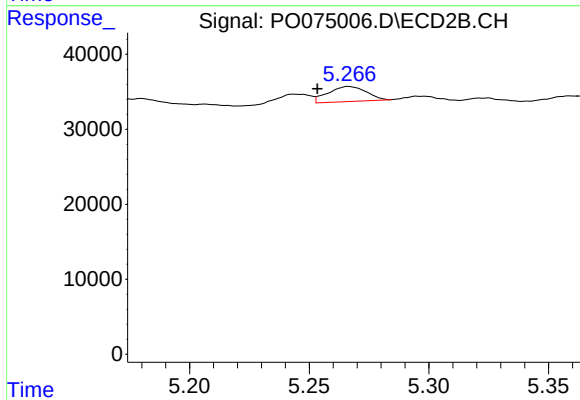
R.T.: 9.250 min
Delta R.T.: -0.011 min
Response: 847108
Conc: 15.43 ng/ml



#3 AR-1016-1

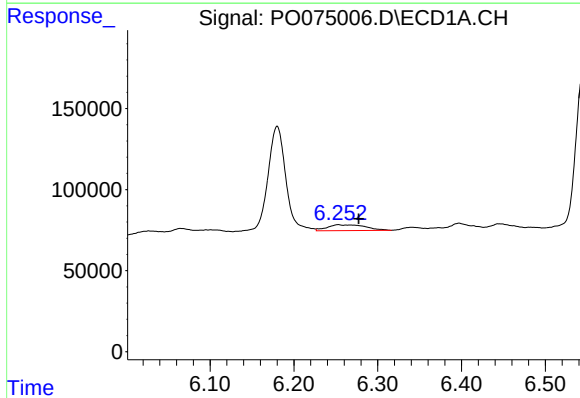
R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 116764
Conc: 28.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-02-D



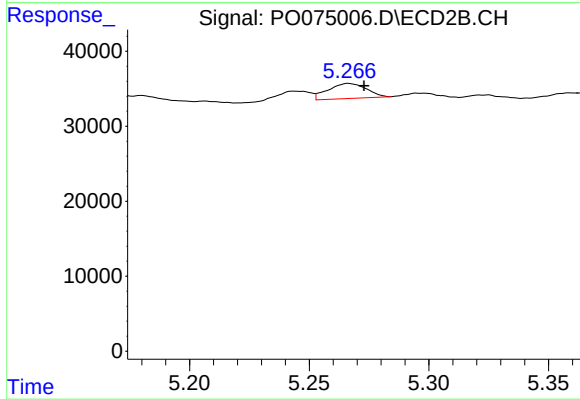
#3 AR-1016-1

R.T.: 5.267 min
Delta R.T.: 0.013 min
Response: 22335
Conc: 9.77 ng/ml



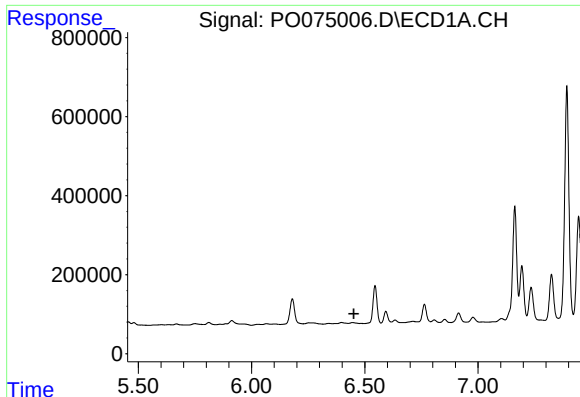
#4 AR-1016-2

R.T.: 6.253 min
Delta R.T.: -0.025 min
Response: 116764
Conc: 20.50 ng/ml



#4 AR-1016-2

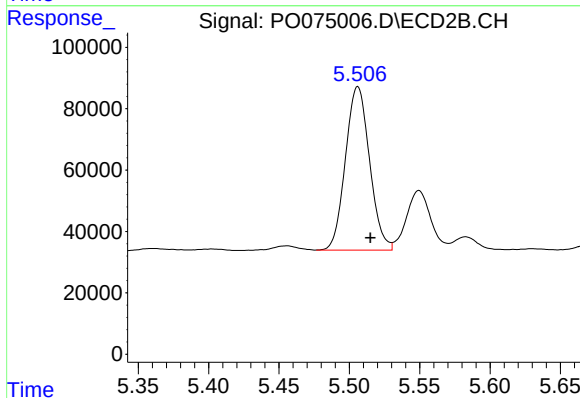
R.T.: 5.267 min
Delta R.T.: -0.006 min
Response: 22335
Conc: 7.07 ng/ml



#6 AR-1016-4

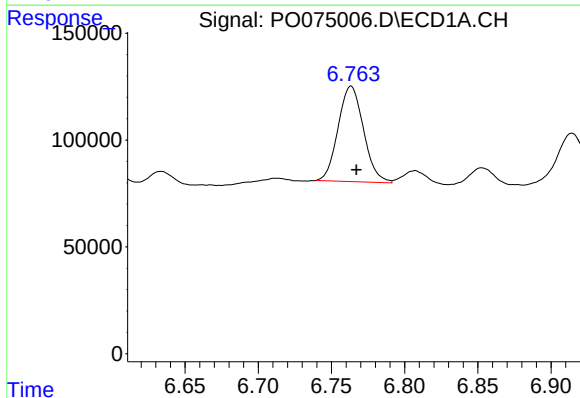
R.T.: 0.000 min
Exp R.T.: 6.452 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
S2-02-D



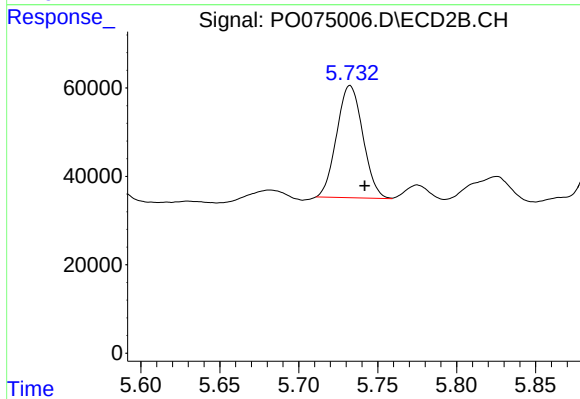
#6 AR-1016-4

R.T.: 5.506 min
Delta R.T.: -0.009 min
Response: 636801
Conc: 453.10 ng/ml



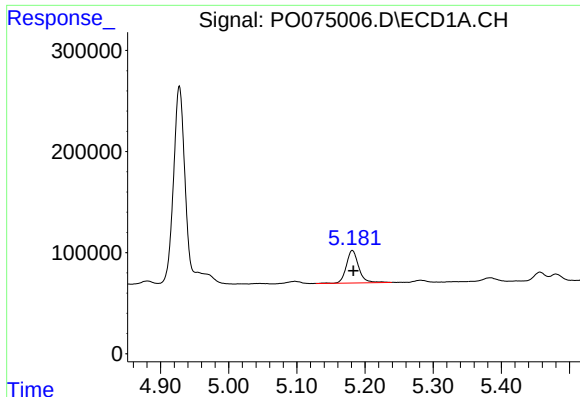
#7 AR-1016-5

R.T.: 6.763 min
Delta R.T.: -0.004 min
Response: 540298
Conc: 197.55 ng/ml



#7 AR-1016-5

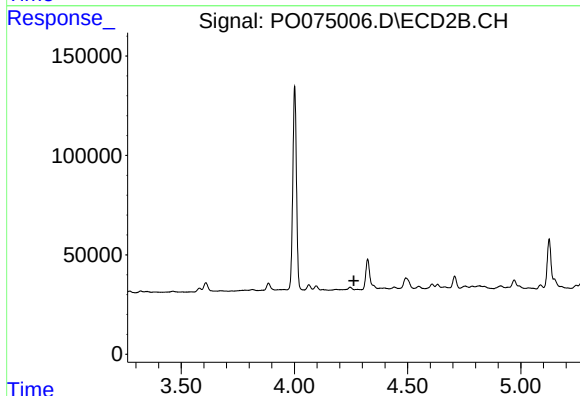
R.T.: 5.733 min
Delta R.T.: -0.009 min
Response: 292660
Conc: 170.19 ng/ml



#8 AR-1221-1

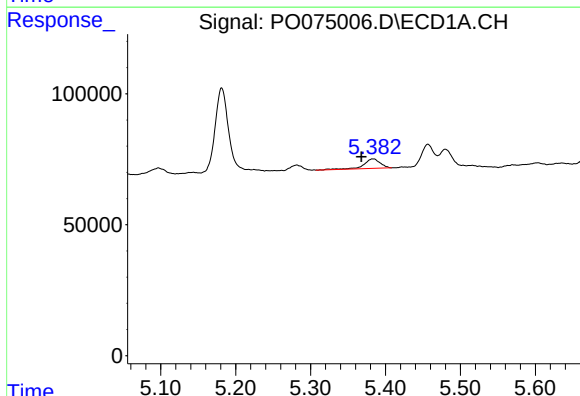
R.T.: 5.181 min
Delta R.T.: -0.001 min
Response: 411605
Conc: 335.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-02-D



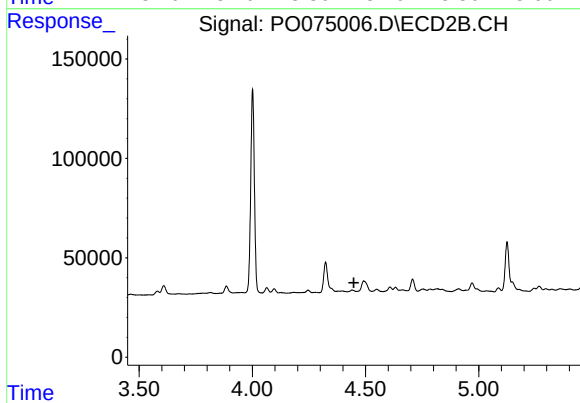
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.263 min
Response: 0
Conc: N.D.



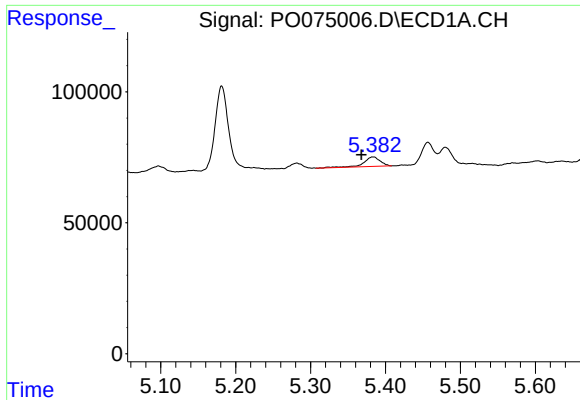
#10 AR-1221-3

R.T.: 5.384 min
Delta R.T.: 0.016 min
Response: 55515
Conc: 19.71 ng/ml



#10 AR-1221-3

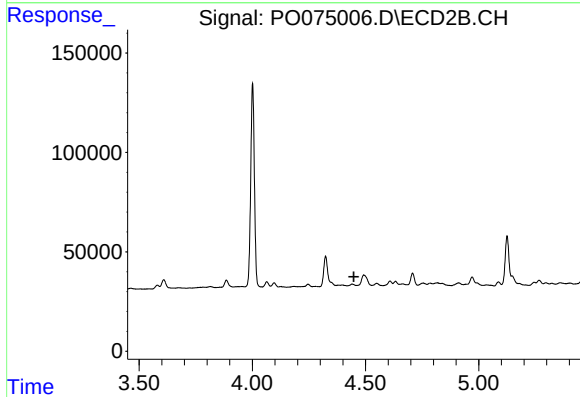
R.T.: 0.000 min
Exp R.T. : 4.449 min
Response: 0
Conc: N.D.



#11 AR-1232-1

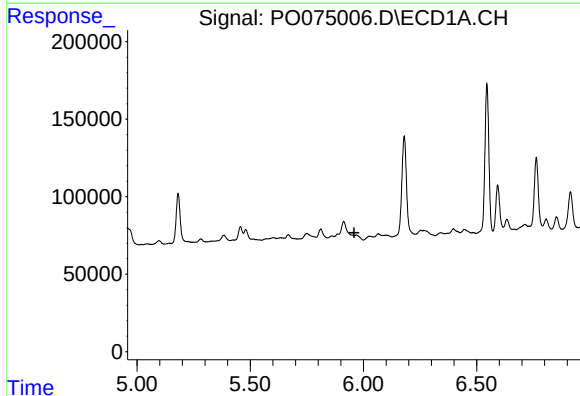
R.T.: 5.384 min
Delta R.T.: 0.016 min
Response: 55515
Conc: 24.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-02-D



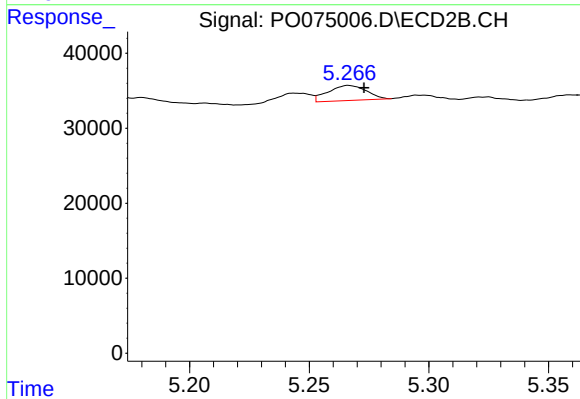
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.448 min
Response: 0
Conc: N.D.



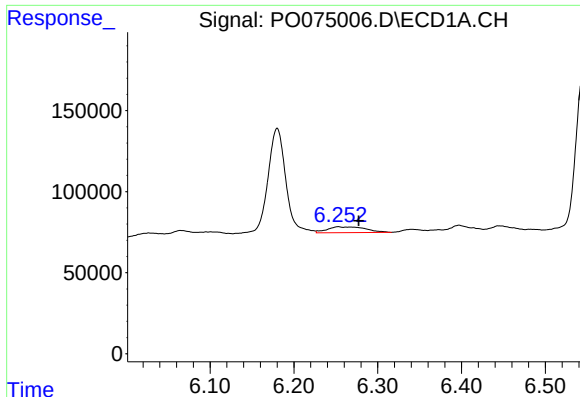
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.958 min
Response: 0
Conc: N.D.



#12 AR-1232-2

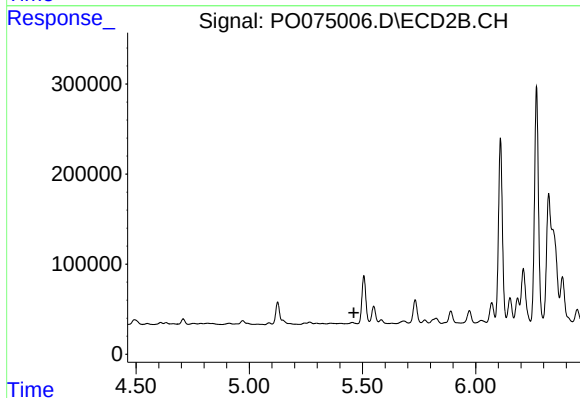
R.T.: 5.267 min
Delta R.T.: -0.006 min
Response: 22335
Conc: 16.54 ng/ml



#13 AR-1232-3

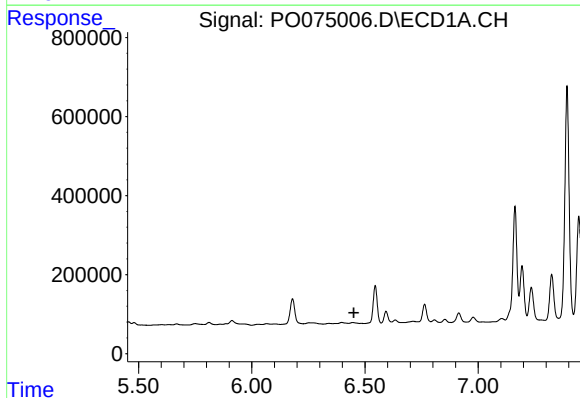
R.T.: 6.253 min
Delta R.T.: -0.024 min
Response: 116764
Conc: 48.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-02-D



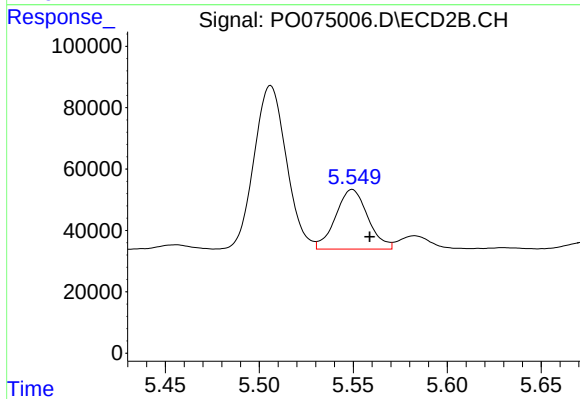
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.462 min
Response: 0
Conc: N.D.



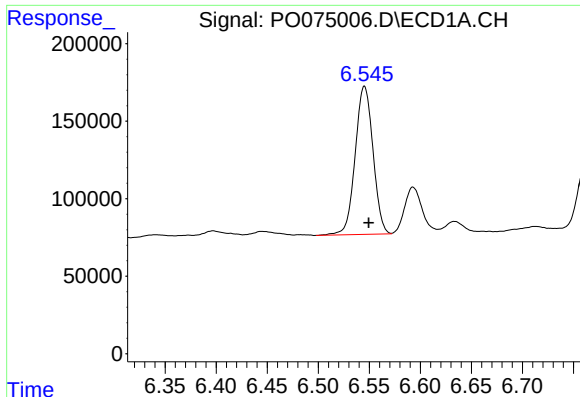
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.451 min
Response: 0
Conc: N.D.



#14 AR-1232-4

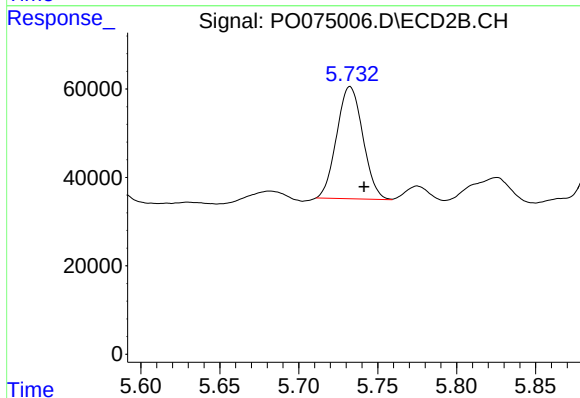
R.T.: 5.549 min
Delta R.T.: -0.009 min
Response: 231993
Conc: 364.79 ng/ml



#15 AR-1232-5

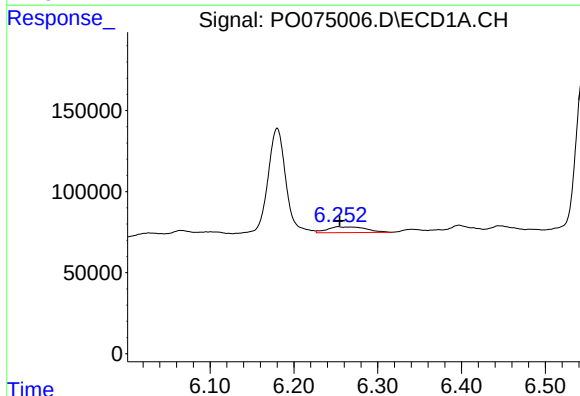
R.T.: 6.545 min
Delta R.T.: -0.004 min
Response: 1161561
Conc: 1427.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
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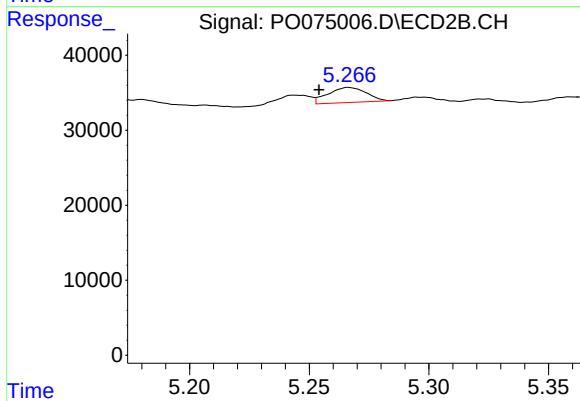
#15 AR-1232-5

R.T.: 5.733 min
Delta R.T.: -0.009 min
Response: 292660
Conc: 421.46 ng/ml



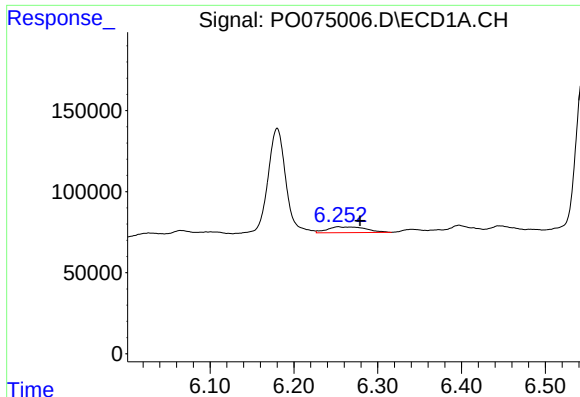
#16 AR-1242-1

R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 116764
Conc: 36.26 ng/ml



#16 AR-1242-1

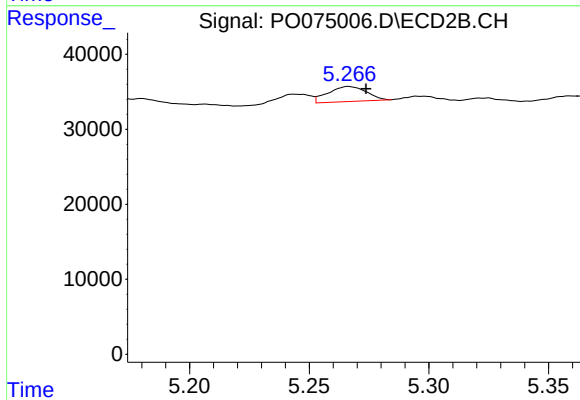
R.T.: 5.267 min
Delta R.T.: 0.012 min
Response: 22335
Conc: 12.12 ng/ml



#17 AR-1242-2

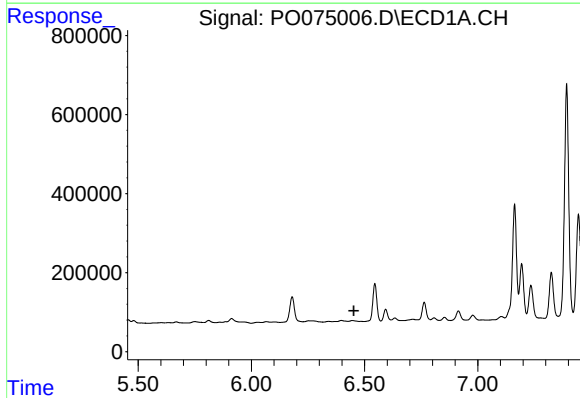
R.T.: 6.253 min
Delta R.T.: -0.026 min
Response: 116764
Conc: 25.87 ng/ml

Instrument :
ECD_O
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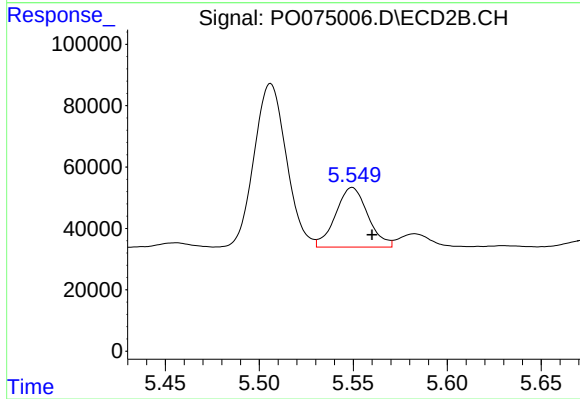
#17 AR-1242-2

R.T.: 5.267 min
Delta R.T.: -0.007 min
Response: 22335
Conc: 8.87 ng/ml



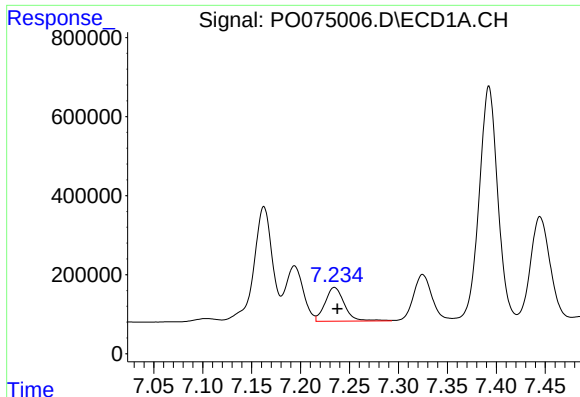
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.453 min
Response: 0
Conc: N.D.



#19 AR-1242-4

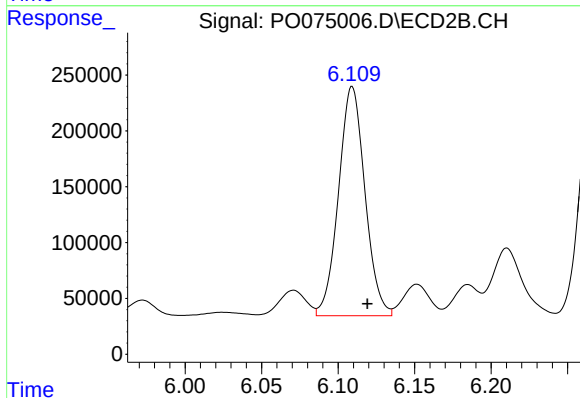
R.T.: 5.549 min
Delta R.T.: -0.010 min
Response: 231993
Conc: 177.50 ng/ml



#20 AR-1242-5

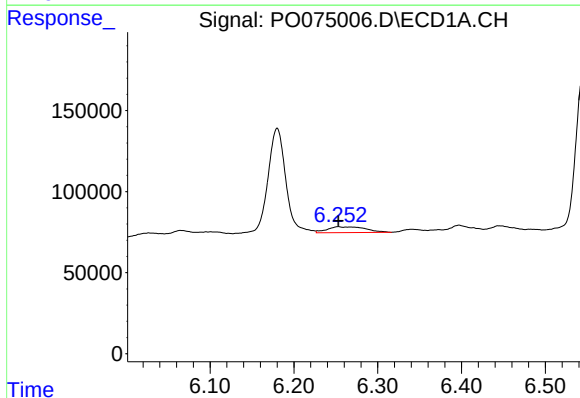
R.T.: 7.235 min
Delta R.T.: -0.003 min
Response: 1176481
Conc: 467.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-02-D



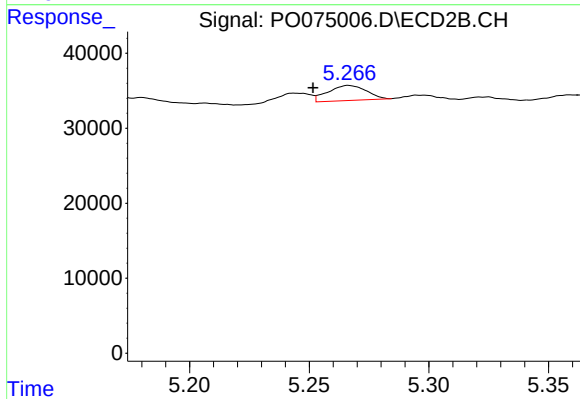
#20 AR-1242-5

R.T.: 6.109 min
Delta R.T.: -0.010 min
Response: 2471513
Conc: 1411.62 ng/ml



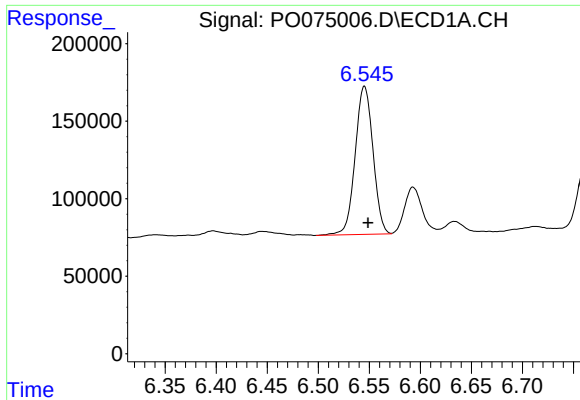
#21 AR-1248-1

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 116764
Conc: 48.50 ng/ml



#21 AR-1248-1

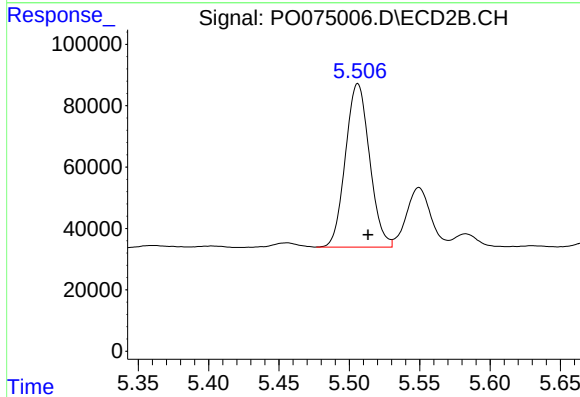
R.T.: 5.267 min
Delta R.T.: 0.015 min
Response: 22335
Conc: 16.24 ng/ml



#22 AR-1248-2

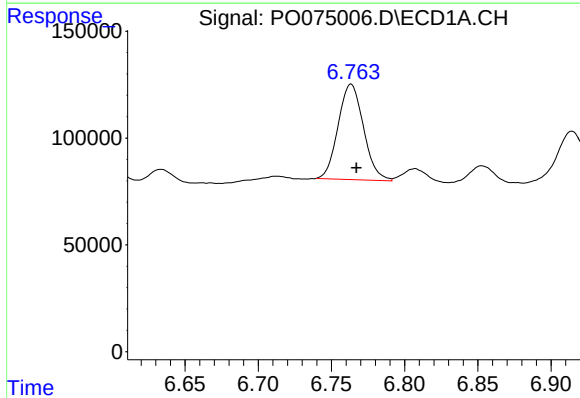
R.T.: 6.545 min
Delta R.T.: -0.004 min
Response: 1161561
Conc: 373.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-02-D



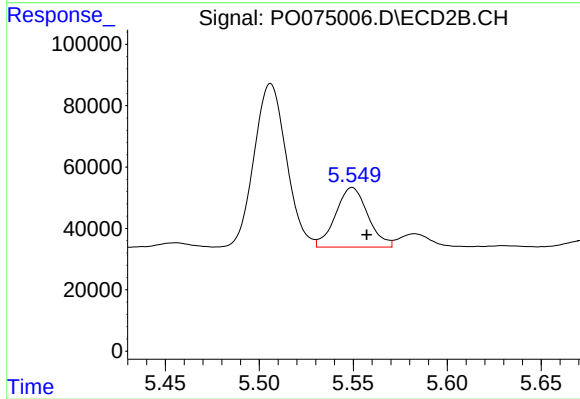
#22 AR-1248-2

R.T.: 5.506 min
Delta R.T.: -0.007 min
Response: 636801
Conc: 338.84 ng/ml



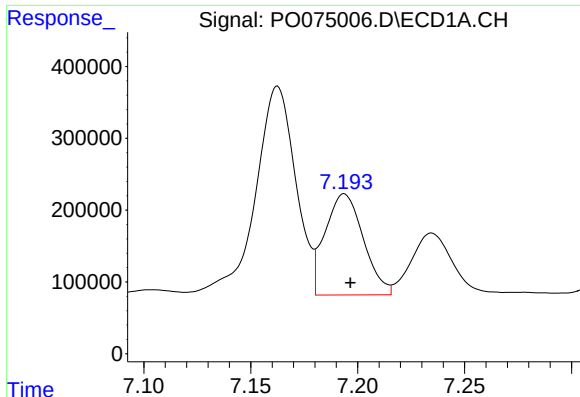
#23 AR-1248-3

R.T.: 6.763 min
Delta R.T.: -0.004 min
Response: 540298
Conc: 149.20 ng/ml



#23 AR-1248-3

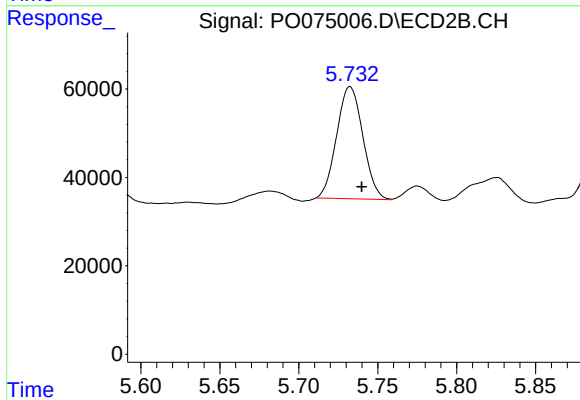
R.T.: 5.549 min
Delta R.T.: -0.008 min
Response: 231993
Conc: 122.90 ng/ml



#24 AR-1248-4

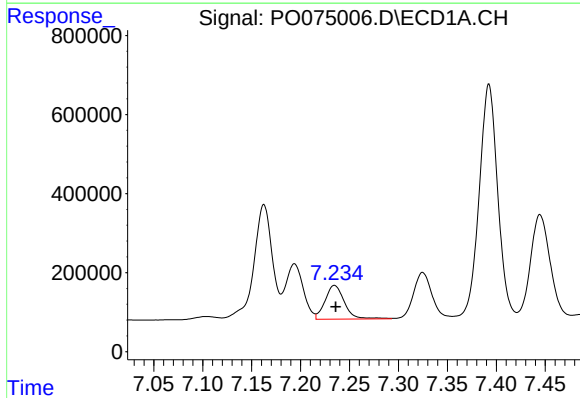
R.T.: 7.194 min
Delta R.T.: -0.003 min
Response: 1755230
Conc: 393.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-02-D



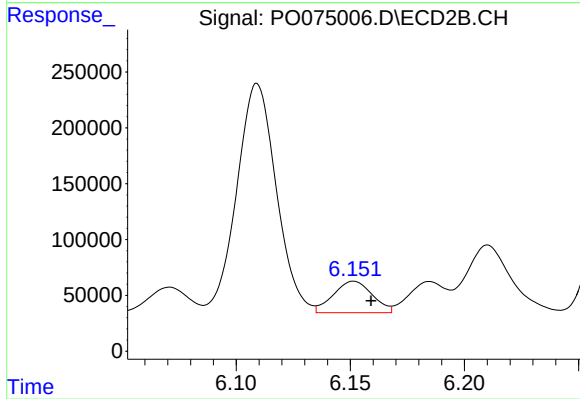
#24 AR-1248-4

R.T.: 5.733 min
Delta R.T.: -0.007 min
Response: 292660
Conc: 129.93 ng/ml



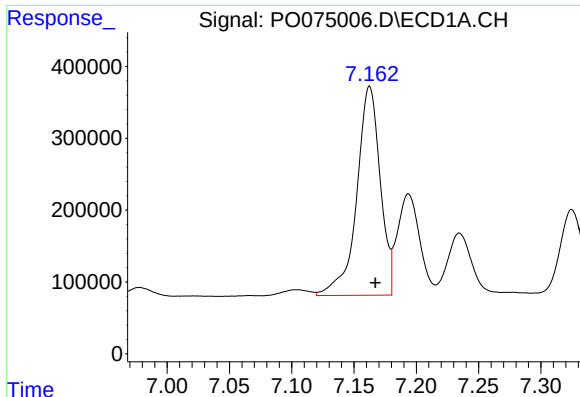
#25 AR-1248-5

R.T.: 7.235 min
Delta R.T.: -0.001 min
Response: 1176481
Conc: 279.17 ng/ml



#25 AR-1248-5

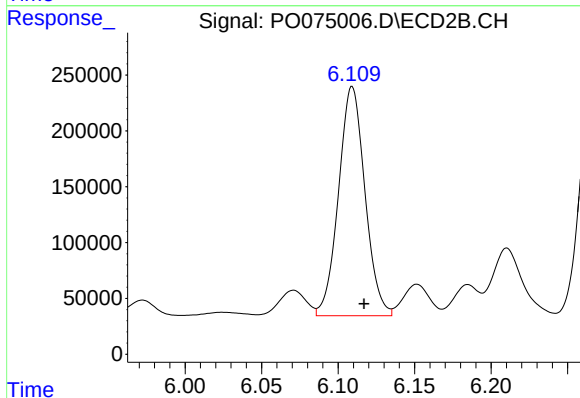
R.T.: 6.152 min
Delta R.T.: -0.008 min
Response: 334465
Conc: 142.26 ng/ml



#26 AR-1254-1

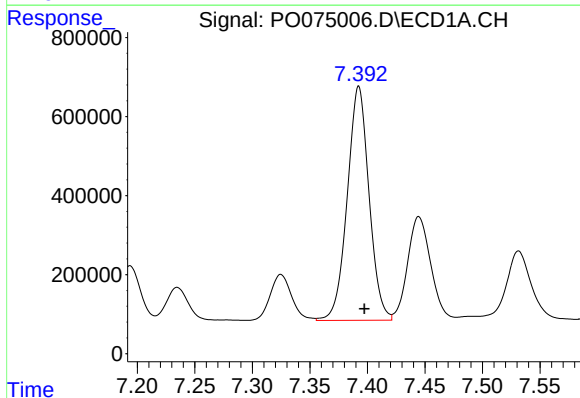
R.T.: 7.163 min
Delta R.T.: -0.005 min
Response: 3821147
Conc: 868.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-02-D



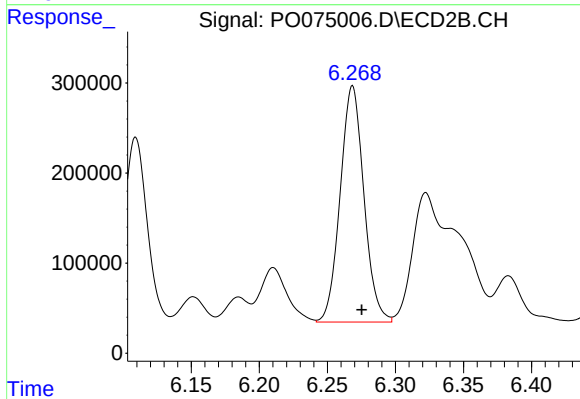
#26 AR-1254-1

R.T.: 6.109 min
Delta R.T.: -0.008 min
Response: 2471513
Conc: 684.25 ng/ml



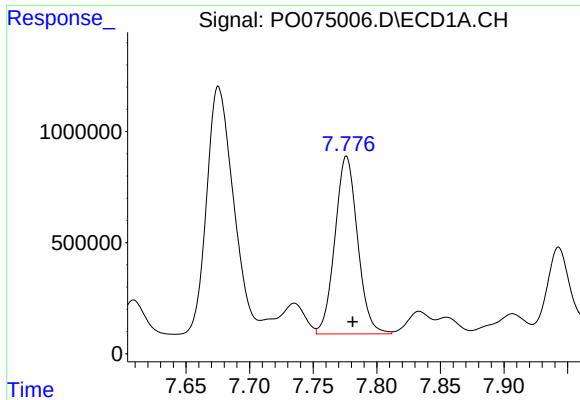
#27 AR-1254-2

R.T.: 7.393 min
Delta R.T.: -0.005 min
Response: 7849888
Conc: 1152.57 ng/ml



#27 AR-1254-2

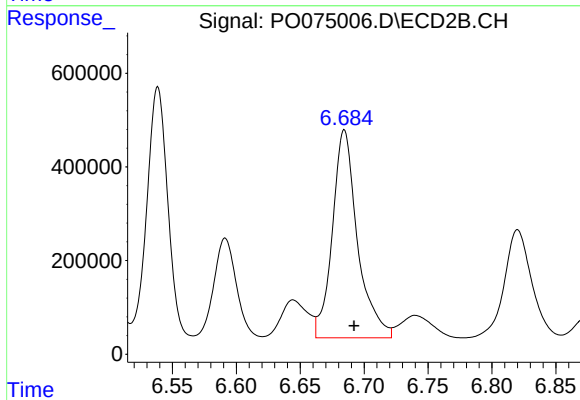
R.T.: 6.269 min
Delta R.T.: -0.007 min
Response: 3180249
Conc: 1020.44 ng/ml



#28 AR-1254-3

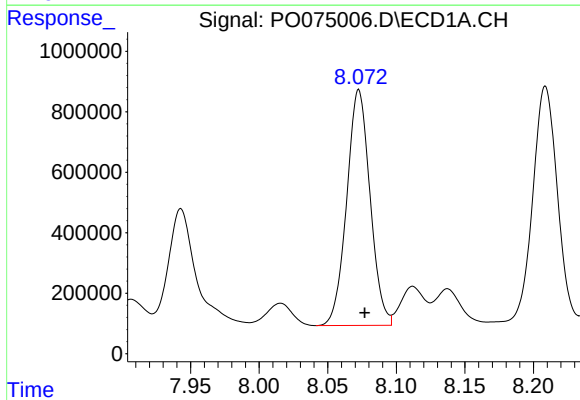
R.T.: 7.776 min
Delta R.T.: -0.005 min
Response: 9904698
Conc: 1412.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-02-D



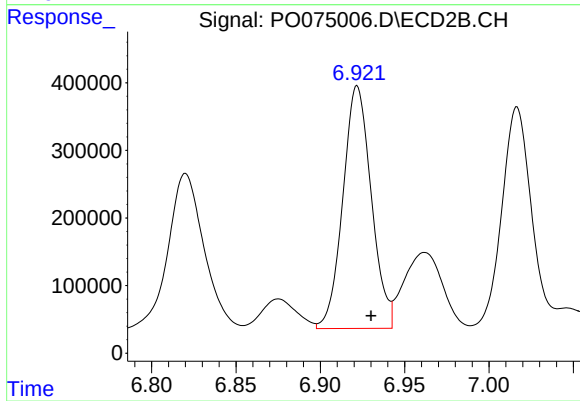
#28 AR-1254-3

R.T.: 6.685 min
Delta R.T.: -0.008 min
Response: 6077100
Conc: 1239.23 ng/ml



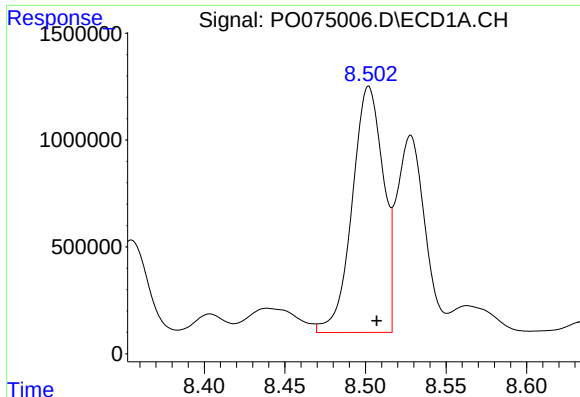
#29 AR-1254-4

R.T.: 8.073 min
Delta R.T.: -0.004 min
Response: 9245552
Conc: 1524.49 ng/ml



#29 AR-1254-4

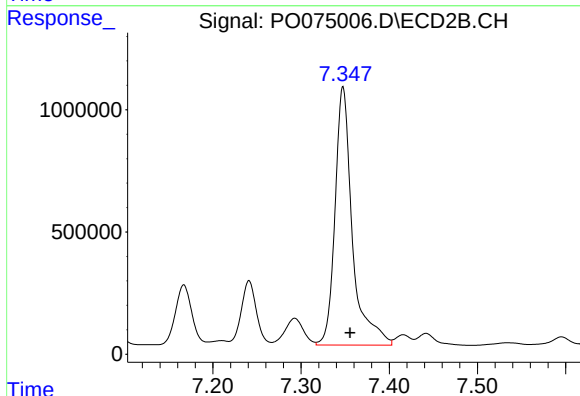
R.T.: 6.922 min
Delta R.T.: -0.008 min
Response: 4209366
Conc: 1213.85 ng/ml



#30 AR-1254-5

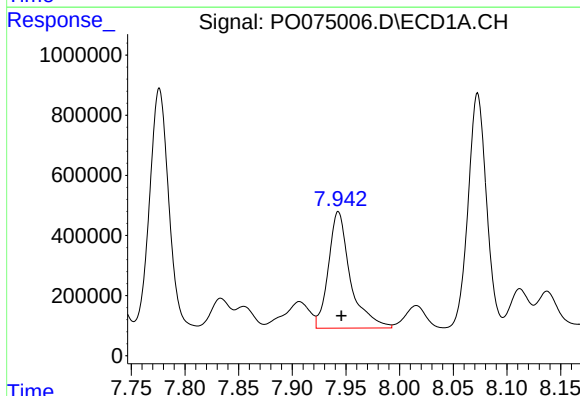
R.T.: 8.502 min
Delta R.T.: -0.005 min
Response: 15453514
Conc: 2660.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-02-D



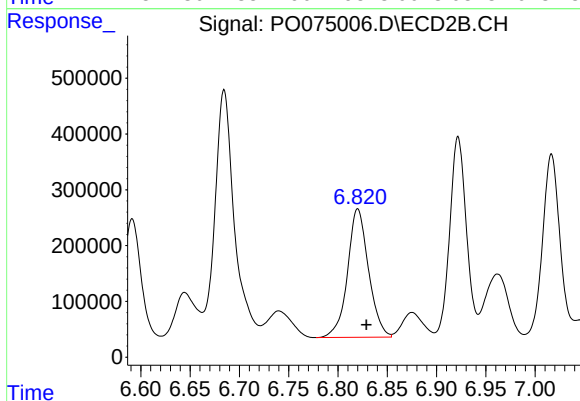
#30 AR-1254-5

R.T.: 7.348 min
Delta R.T.: -0.008 min
Response: 14476259
Conc: 3198.51 ng/ml



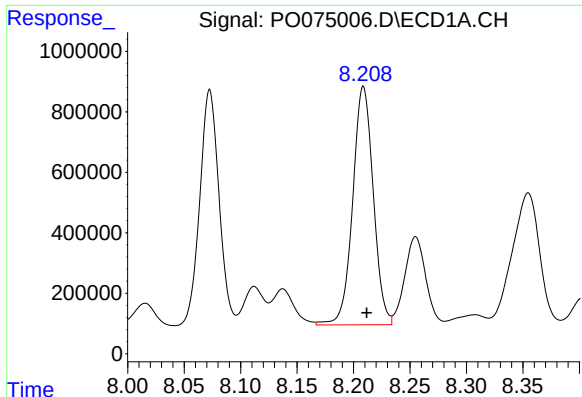
#31 AR-1260-1

R.T.: 7.943 min
Delta R.T.: -0.003 min
Response: 5511594
Conc: 1104.81 ng/ml



#31 AR-1260-1

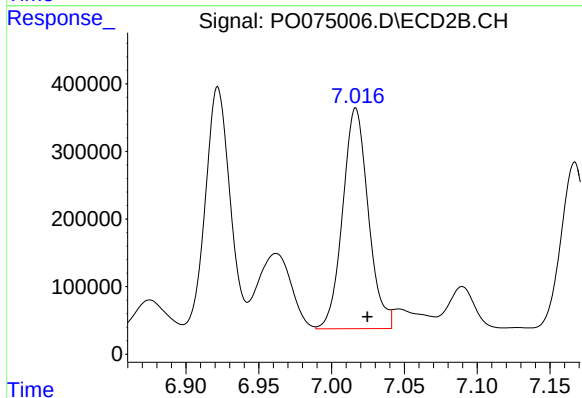
R.T.: 6.820 min
Delta R.T.: -0.009 min
Response: 3421646
Conc: 1072.52 ng/ml



#32 AR-1260-2

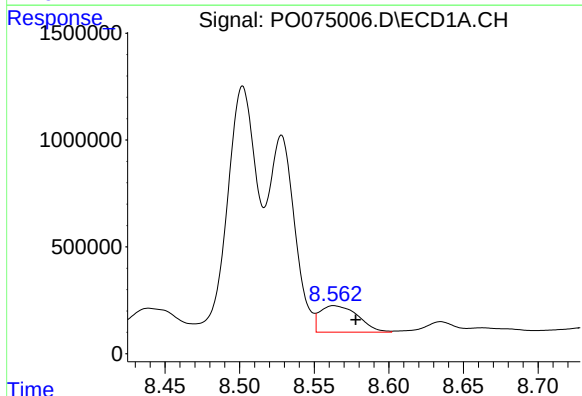
R.T.: 8.209 min
Delta R.T.: -0.003 min
Response: 9998957
Conc: 1469.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-02-D



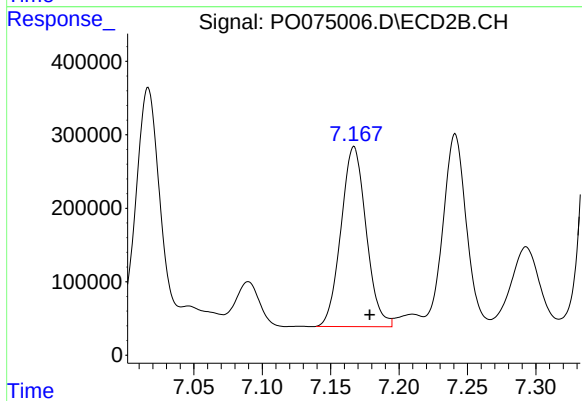
#32 AR-1260-2

R.T.: 7.017 min
Delta R.T.: -0.008 min
Response: 3998773
Conc: 940.66 ng/ml



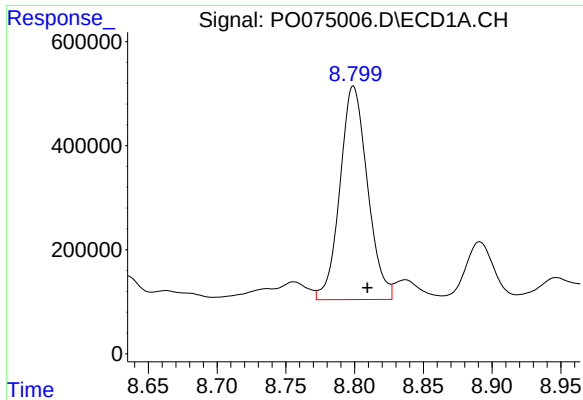
#33 AR-1260-3

R.T.: 8.563 min
Delta R.T.: -0.015 min
Response: 2201588
Conc: 384.11 ng/ml



#33 AR-1260-3

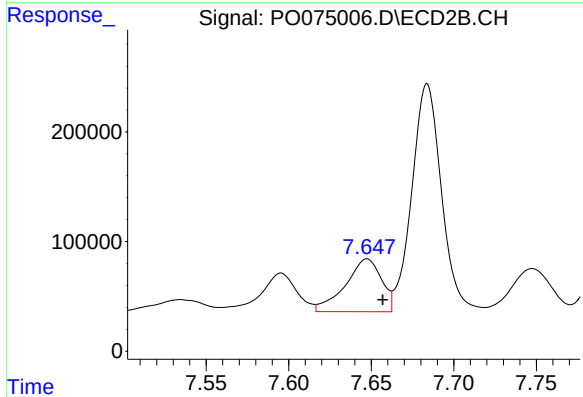
R.T.: 7.167 min
Delta R.T.: -0.012 min
Response: 3133103
Conc: 869.47 ng/ml



#34 AR-1260-4

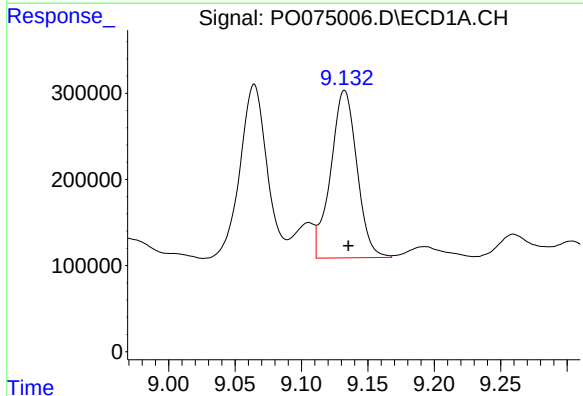
R.T.: 8.799 min
Delta R.T.: -0.010 min
Response: 5717161
Conc: 1044.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-02-D



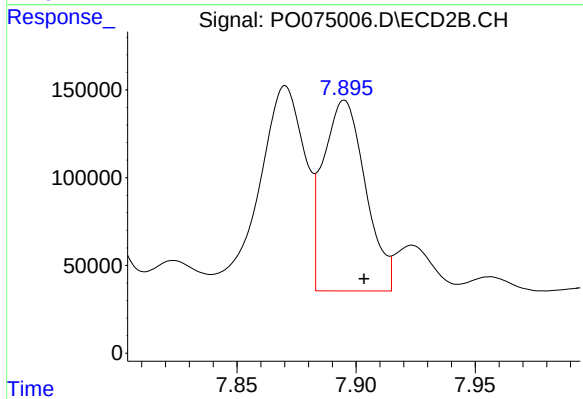
#34 AR-1260-4

R.T.: 7.647 min
Delta R.T.: -0.010 min
Response: 733598
Conc: 234.28 ng/ml



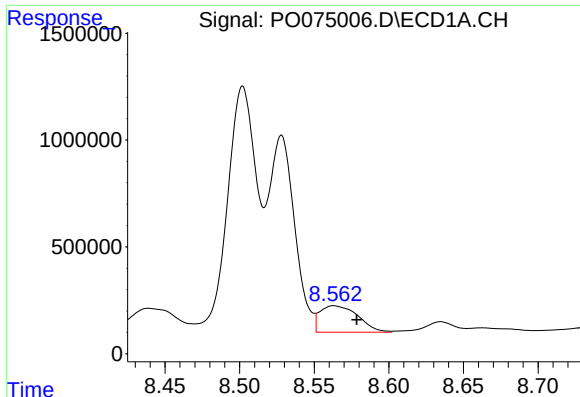
#35 AR-1260-5

R.T.: 9.132 min
Delta R.T.: -0.003 min
Response: 2676833
Conc: 214.23 ng/ml



#35 AR-1260-5

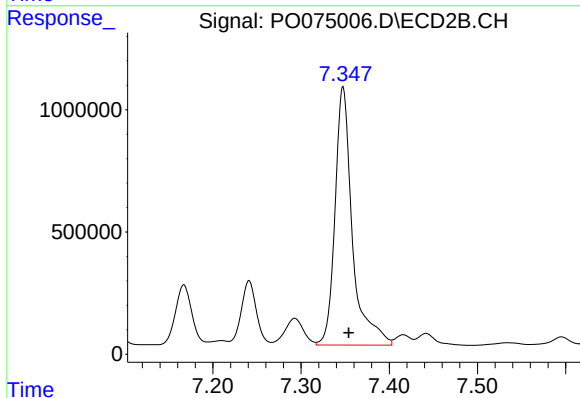
R.T.: 7.895 min
Delta R.T.: -0.008 min
Response: 1339297
Conc: 168.49 ng/ml



#36 AR-1262-1

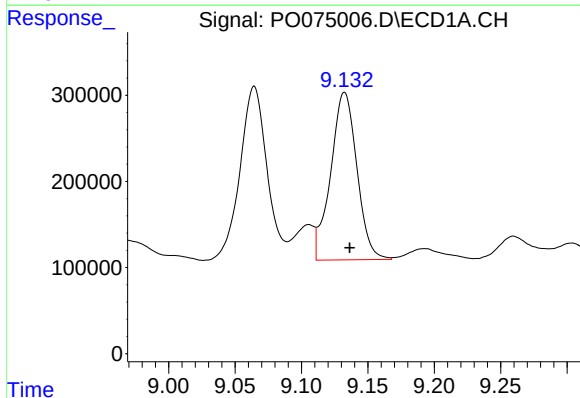
R.T.: 8.563 min
Delta R.T.: -0.015 min
Response: 2201588
Conc: 247.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-02-D



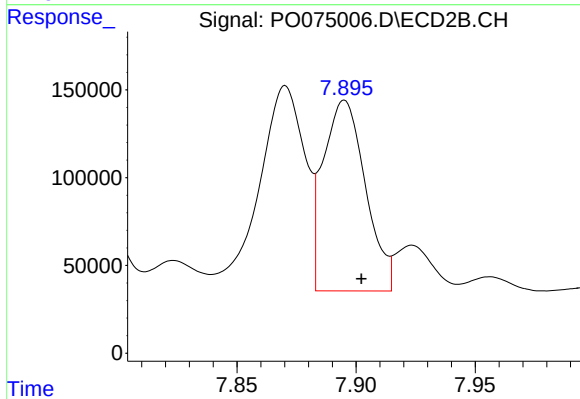
#36 AR-1262-1

R.T.: 7.348 min
Delta R.T.: -0.006 min
Response: 14476259
Conc: 5689.06 ng/ml



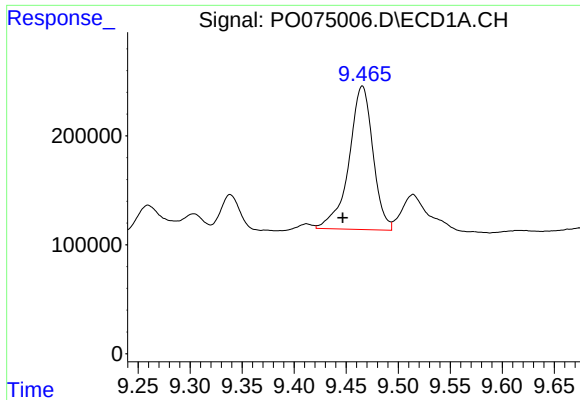
#37 AR-1262-2

R.T.: 9.132 min
Delta R.T.: -0.004 min
Response: 2676833
Conc: 174.84 ng/ml



#37 AR-1262-2

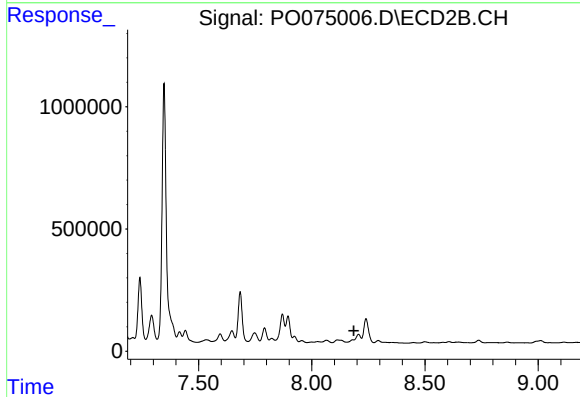
R.T.: 7.895 min
Delta R.T.: -0.007 min
Response: 1339297
Conc: 145.67 ng/ml



#38 AR-1262-3

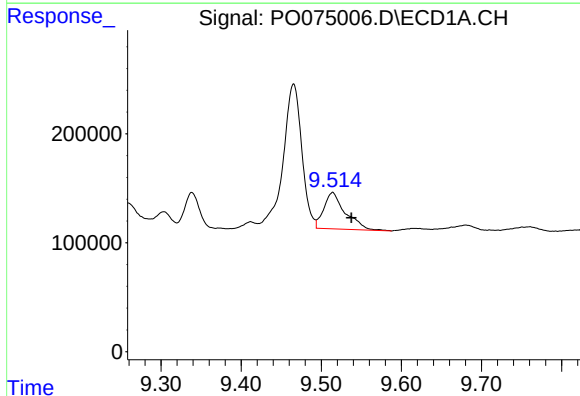
R.T.: 9.466 min
Delta R.T.: 0.019 min
Response: 2112247
Conc: 210.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-02-D



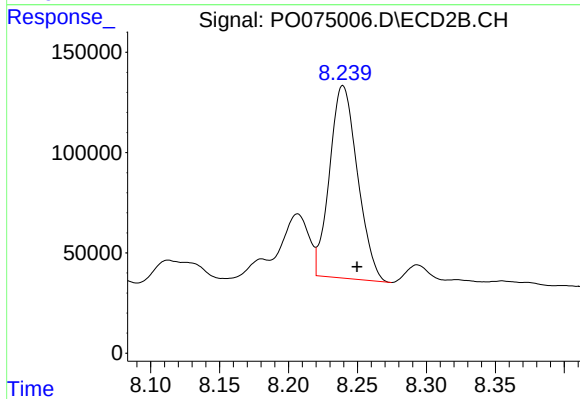
#38 AR-1262-3

R.T.: 8.181 min
Delta R.T.: -0.006 min
Response: -35408
Conc: N.D.



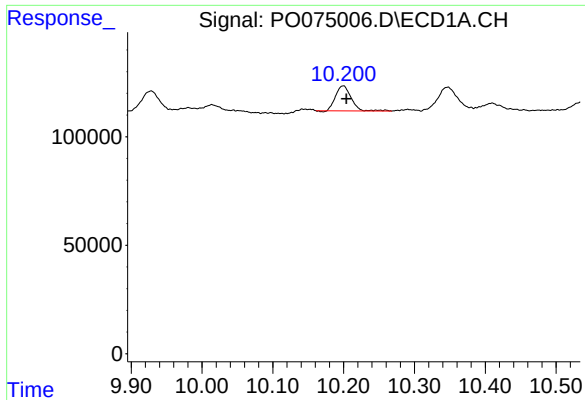
#39 AR-1262-4

R.T.: 9.514 min
Delta R.T.: -0.023 min
Response: 629108
Conc: 84.47 ng/ml



#39 AR-1262-4

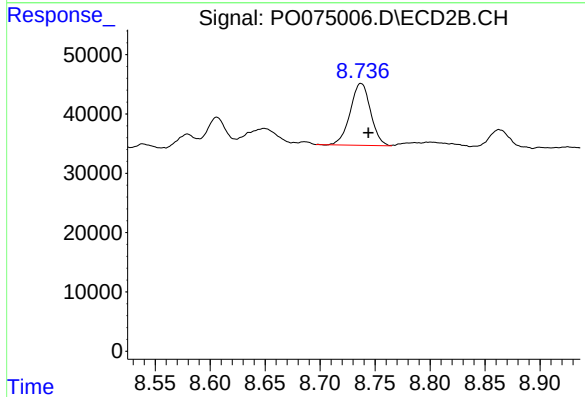
R.T.: 8.239 min
Delta R.T.: -0.010 min
Response: 1354096
Conc: 204.39 ng/ml



#40 AR-1262-5

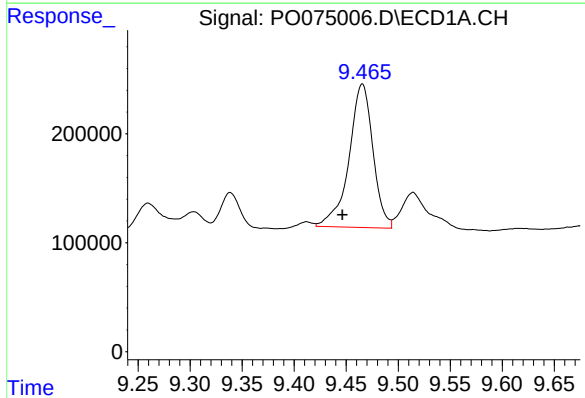
R.T.: 10.199 min
Delta R.T.: -0.005 min
Response: 175492
Conc: 33.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-02-D



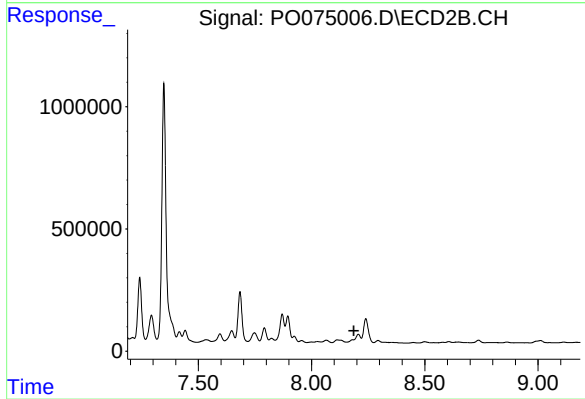
#40 AR-1262-5

R.T.: 8.737 min
Delta R.T.: -0.006 min
Response: 134557
Conc: 43.58 ng/ml



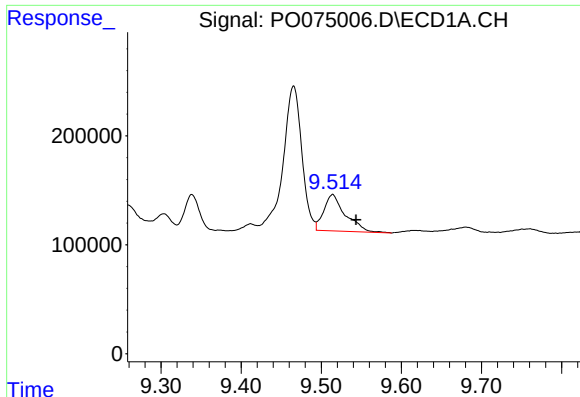
#41 AR-1268-1

R.T.: 9.466 min
Delta R.T.: 0.019 min
Response: 2112247
Conc: 113.05 ng/ml



#41 AR-1268-1

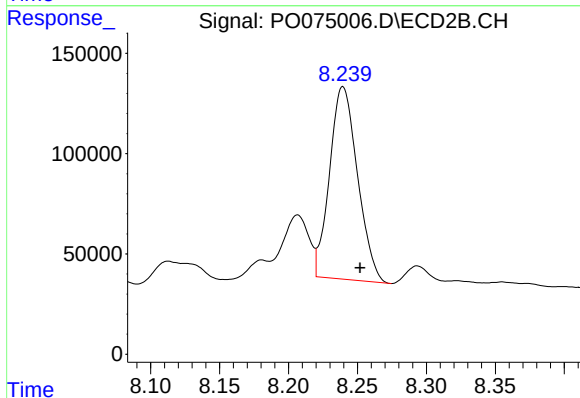
R.T.: 8.181 min
Delta R.T.: -0.006 min
Response: -35408
Conc: N.D.



#42 AR-1268-2

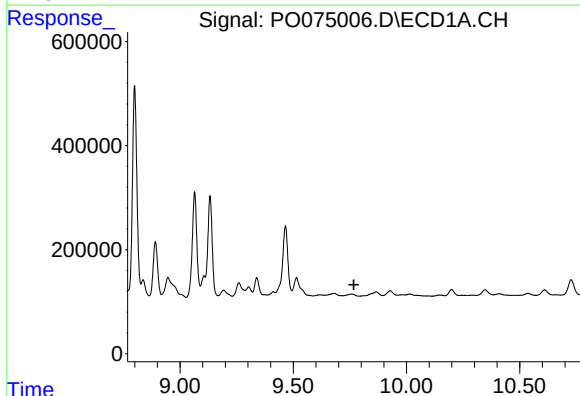
R.T.: 9.514 min
Delta R.T.: -0.029 min
Response: 629108
Conc: 39.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-02-D



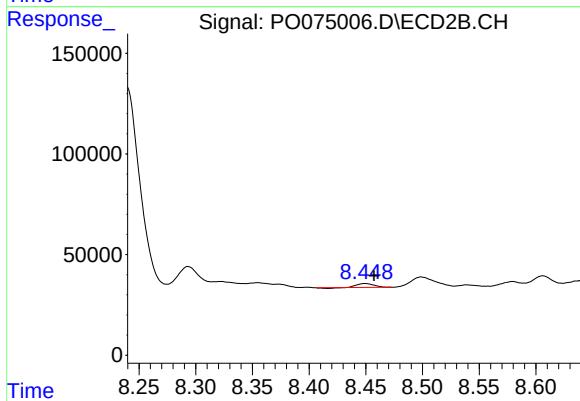
#42 AR-1268-2

R.T.: 8.239 min
Delta R.T.: -0.012 min
Response: 1354096
Conc: 141.54 ng/ml



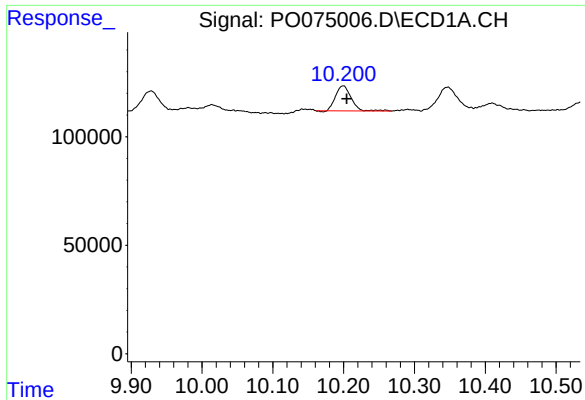
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.768 min
Response: 0
Conc: N.D.



#43 AR-1268-3

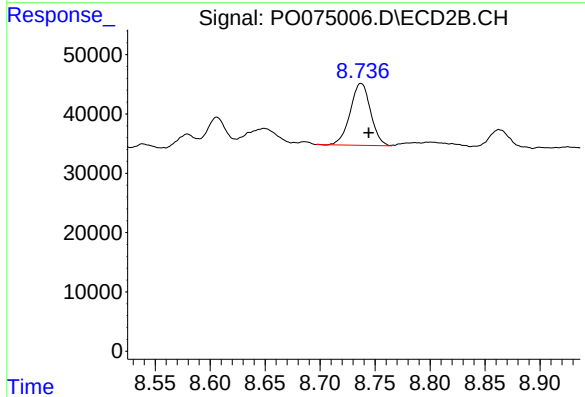
R.T.: 8.449 min
Delta R.T.: -0.008 min
Response: 17511
Conc: 2.11 ng/ml



#44 AR-1268-4

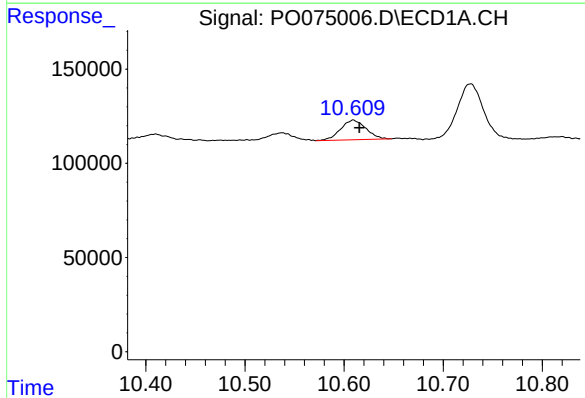
R.T.: 10.199 min
Delta R.T.: -0.005 min
Response: 175492
Conc: 29.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
S2-02-D



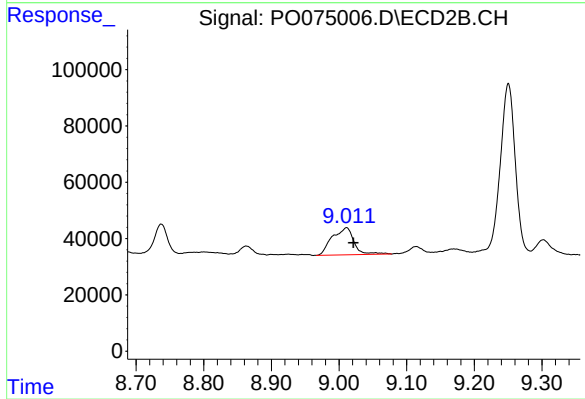
#44 AR-1268-4

R.T.: 8.737 min
Delta R.T.: -0.007 min
Response: 134557
Conc: 38.79 ng/ml



#45 AR-1268-5

R.T.: 10.609 min
Delta R.T.: -0.006 min
Response: 184878
Conc: 4.42 ng/ml



#45 AR-1268-5

R.T.: 9.011 min
Delta R.T.: -0.010 min
Response: 215949
Conc: 9.12 ng/ml