

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100721\
 Data File : PO081909.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Oct 2021 9:44
 Operator : AJ\MA
 Sample : M4107-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 08 16:25:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 07 09:43:36 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...	4.990	3.979	1919261	606263	23.129	23.959
2)	SA Decachlor...	11.113	9.309	1271673	456798	21.440	19.337
Target Compounds							
3)	L1 AR-1016-1	6.323	5.241	1572659	588432	568.675	566.939
4)	L1 AR-1016-2	6.347	5.262	2254567	783378	559.987	546.728
5)	L1 AR-1016-3	6.413	5.452	1359260	429284	552.054	561.828
6)	L1 AR-1016-4	6.521	5.506	1065854	351274	540.877	549.477
7)	L1 AR-1016-5	6.839	5.735	1086720	410293	574.535	527.990
8)	L2 AR-1221-1	5.241	4.237	309007	43066	323.573	139.734 #
9)	L2 AR-1221-2	5.343	4.338	284989	71170	441.421	305.766 #
10)	L2 AR-1221-3	5.430	4.427	1176160	280162	551.547	371.520 #
11)	L3 AR-1232-1	5.430	4.427	1176160	280162	705.148	472.389 #
12)	L3 AR-1232-2	6.025	5.262	1503745	783378	1585.122	1292.699
13)	L3 AR-1232-3	6.347	5.452	2254567	429284	1349.124	1347.692
14)	L3 AR-1232-4	6.521	5.551	1065854	429297	1291.390	1396.712
15)	L3 AR-1232-5	6.620	5.735	895927	410293	1483.837	1321.799
16)	L4 AR-1242-1	6.323	5.241	1572659	588432	764.726	762.078
17)	L4 AR-1242-2	6.347	5.262	2254567	783378	769.145	741.978
18)	L4 AR-1242-3	6.413	5.452	1359260	429284	745.374	759.971
19)	L4 AR-1242-4	6.521	5.551	1065854	429297	747.993	688.767
20)	L4 AR-1242-5	7.310	6.116	444866	373568	304.749	511.953 #
21)	L5 AR-1248-1	6.323	5.241	1572659	588432	946.729	965.649
22)	L5 AR-1248-2	6.620	5.506	895927	351274	407.998	416.100
23)	L5 AR-1248-3	6.839	5.551	1086720	429297	442.793	479.736
24)	L5 AR-1248-4	7.270	5.735	387048	410293	147.904	412.375 #
25)	L5 AR-1248-5	7.310	6.141f	444866	220867	178.527	231.563 #
26)	L6 AR-1254-1	7.242	6.116	1409932	373568	515.387	260.312 #
27)	L6 AR-1254-2	7.471	6.277	1006998	308158	246.821	237.676
28)	L6 AR-1254-3	7.858	6.698	829793	170417	203.368	85.563 #
29)	L6 AR-1254-4	8.152	6.939	506519	82278	168.891	64.419 #
30)	L6 AR-1254-5	8.584	7.370	2501681	1012469	766.250	559.505 #
31)	L7 AR-1260-1	8.023	6.837	2013686	733061	641.349	509.191
32)	L7 AR-1260-2	8.291	7.035	2430104	855194	658.015	495.329
33)	L7 AR-1260-3	8.659	7.190	1308166	764108	529.089	467.244
34)	L7 AR-1260-4	8.891	7.676	1623404	527415	543.741	438.664
35)	L7 AR-1260-5	9.227	7.925	3012248	1203482	515.790	425.384
36)	L8 AR-1262-1	8.659	7.370	1308166	1012469	332.714	1013.114 #
37)	L8 AR-1262-2	9.227	7.925	3012248	1203482	435.830	373.595
38)	L8 AR-1262-3	9.569f	8.213	2025566	292547	595.983	219.127 #
39)	L8 AR-1262-4	9.622f	8.275	1168859	896177	578.614	372.296 #
40)	L8 AR-1262-5	10.334	8.776	792928	278440	307.361	242.643
41)	L9 AR-1268-1	9.569f	8.213	2025566	292547	235.062	74.336 #

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 Sample : M4107-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

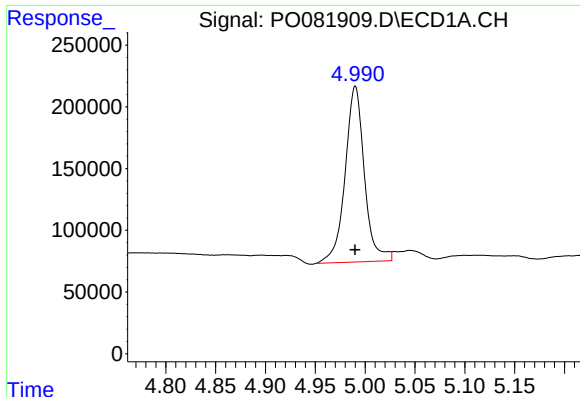
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 08 16:25:29 2021
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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
42) L9	AR-1268-2	9.622f	8.275	1168859	896177	148.504	253.168 #
43) L9	AR-1268-3	9.878	0.000	99573	0	14.572	N.D. #
44) L9	AR-1268-4	10.334	8.776	792928	278440	265.510	211.713
45) L9	AR-1268-5	10.763	9.060	212674	91576	9.562	9.990

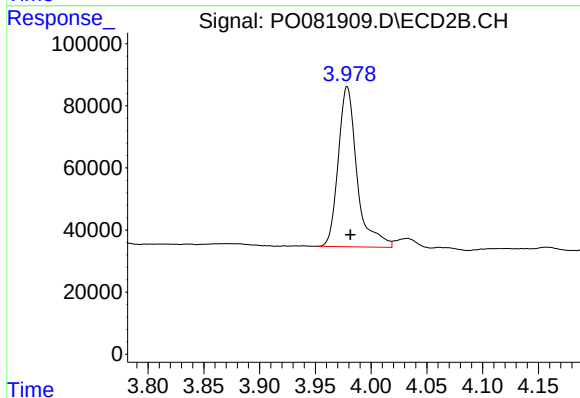
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

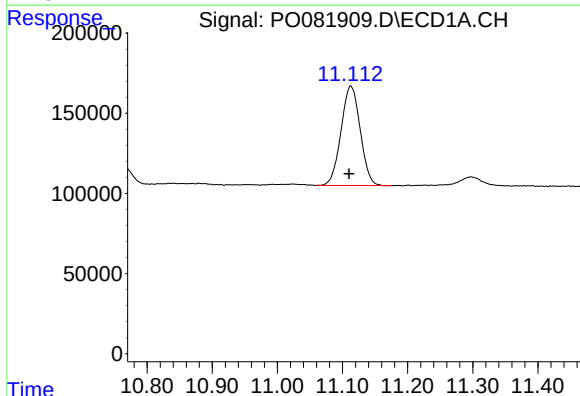
R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 1919261
Conc: 23.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



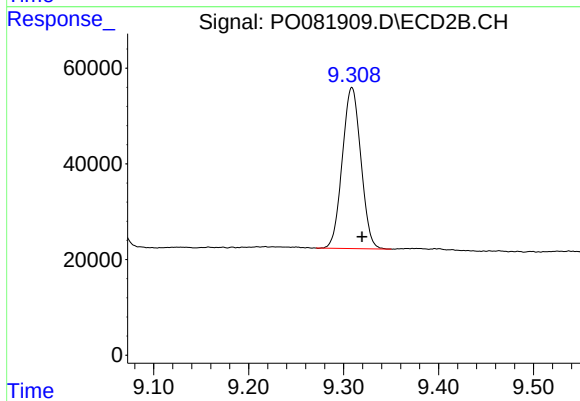
#1 Tetrachloro-m-xylene

R.T.: 3.979 min
Delta R.T.: -0.003 min
Response: 606263
Conc: 23.96 ng/ml



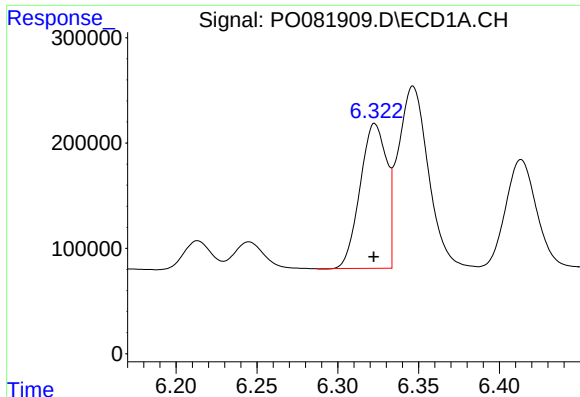
#2 Decachlorobiphenyl

R.T.: 11.113 min
Delta R.T.: 0.003 min
Response: 1271673
Conc: 21.44 ng/ml



#2 Decachlorobiphenyl

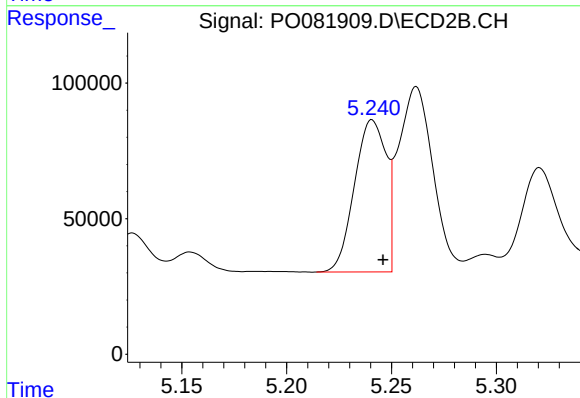
R.T.: 9.309 min
Delta R.T.: -0.011 min
Response: 456798
Conc: 19.34 ng/ml



#3 AR-1016-1

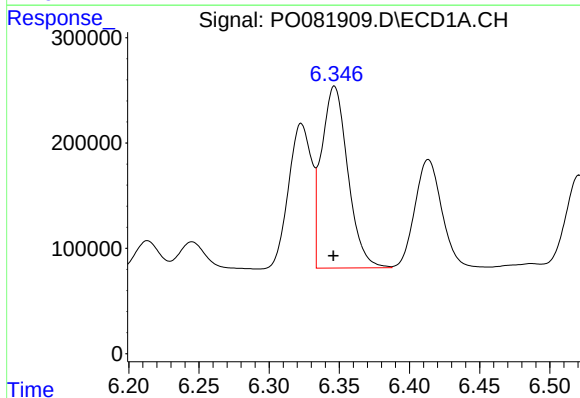
R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 1572659
Conc: 568.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



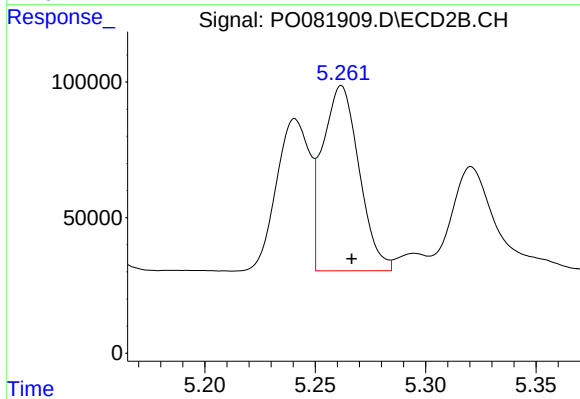
#3 AR-1016-1

R.T.: 5.241 min
Delta R.T.: -0.005 min
Response: 588432
Conc: 566.94 ng/ml



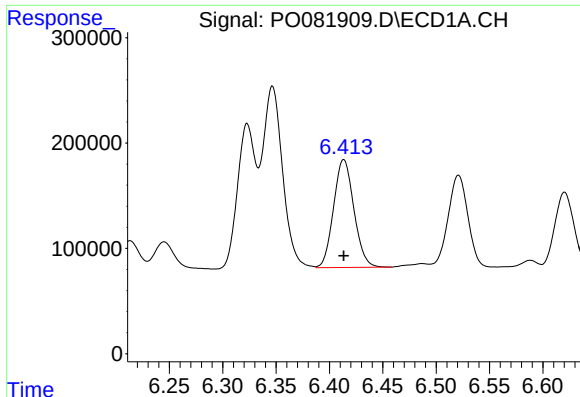
#4 AR-1016-2

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 2254567
Conc: 559.99 ng/ml



#4 AR-1016-2

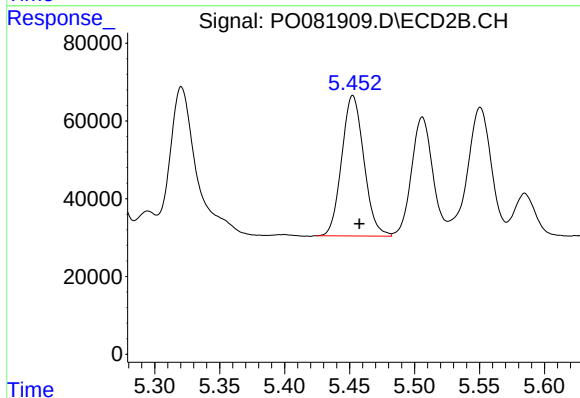
R.T.: 5.262 min
Delta R.T.: -0.005 min
Response: 783378
Conc: 546.73 ng/ml



#5 AR-1016-3

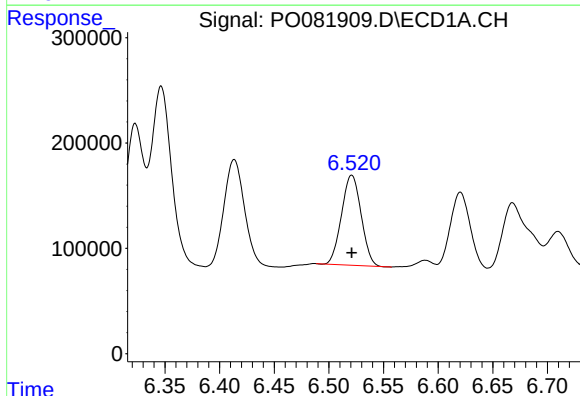
R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 1359260
Conc: 552.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



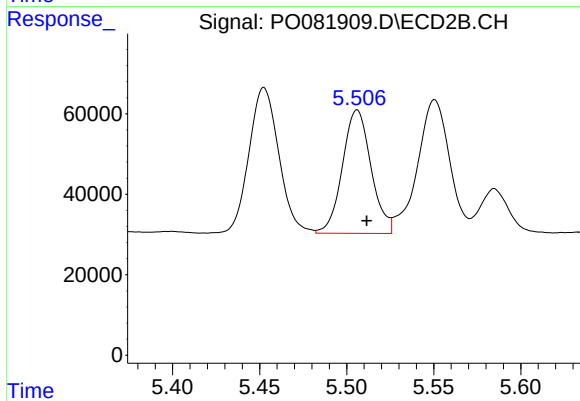
#5 AR-1016-3

R.T.: 5.452 min
Delta R.T.: -0.005 min
Response: 429284
Conc: 561.83 ng/ml



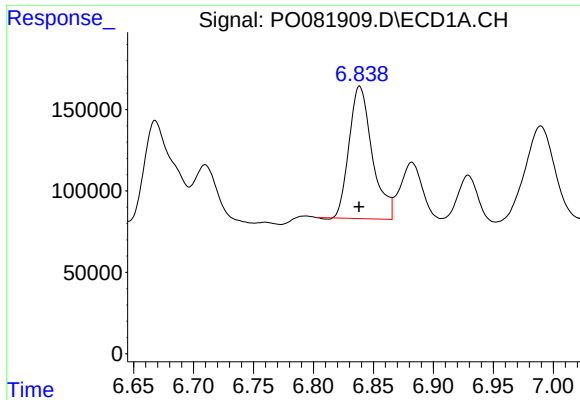
#6 AR-1016-4

R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 1065854
Conc: 540.88 ng/ml



#6 AR-1016-4

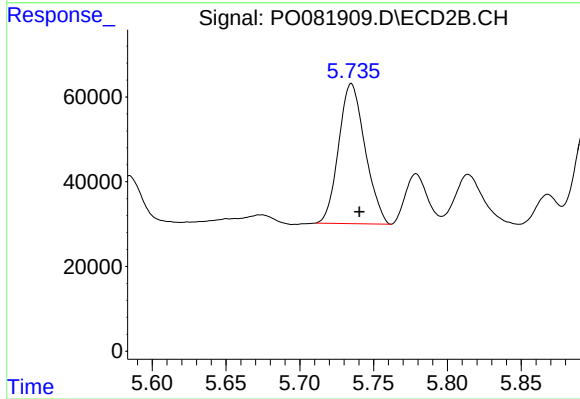
R.T.: 5.506 min
Delta R.T.: -0.005 min
Response: 351274
Conc: 549.48 ng/ml



#7 AR-1016-5

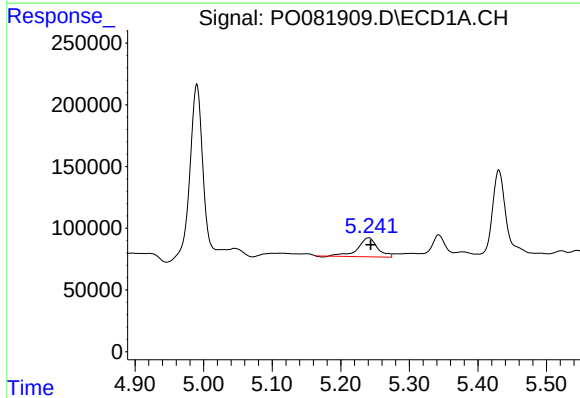
R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 1086720
Conc: 574.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



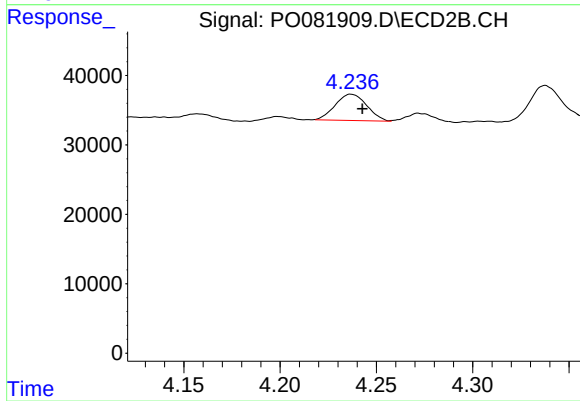
#7 AR-1016-5

R.T.: 5.735 min
Delta R.T.: -0.005 min
Response: 410293
Conc: 527.99 ng/ml



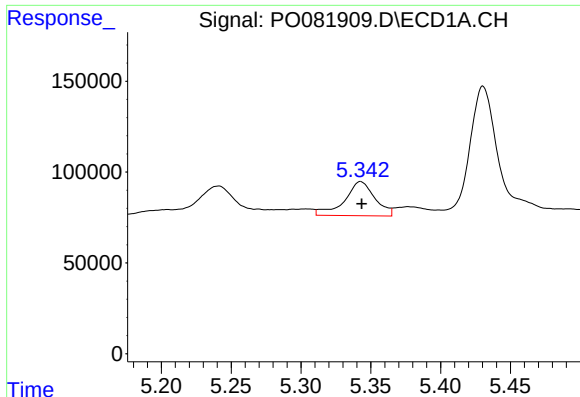
#8 AR-1221-1

R.T.: 5.241 min
Delta R.T.: -0.003 min
Response: 309007
Conc: 323.57 ng/ml



#8 AR-1221-1

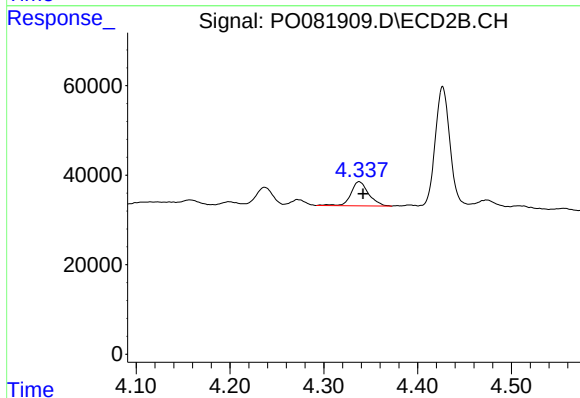
R.T.: 4.237 min
Delta R.T.: -0.006 min
Response: 43066
Conc: 139.73 ng/ml



#9 AR-1221-2

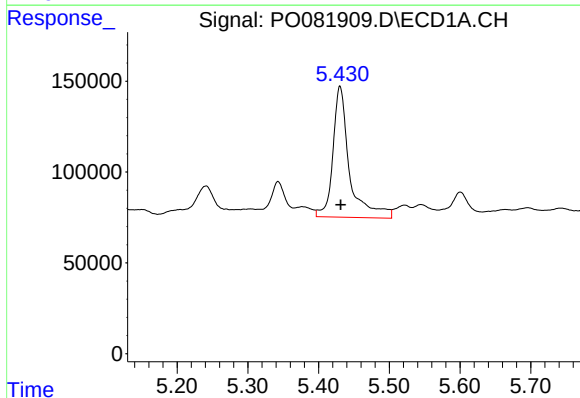
R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 284989
Conc: 441.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



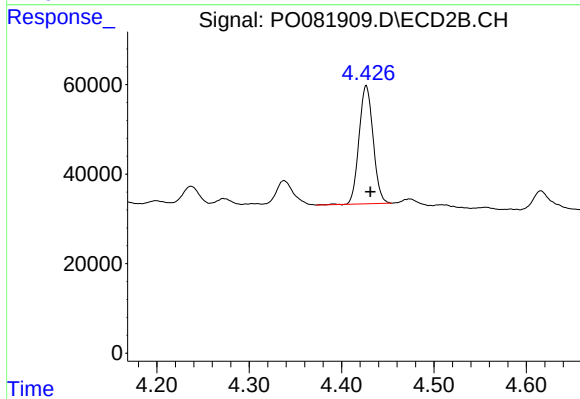
#9 AR-1221-2

R.T.: 4.338 min
Delta R.T.: -0.004 min
Response: 71170
Conc: 305.77 ng/ml



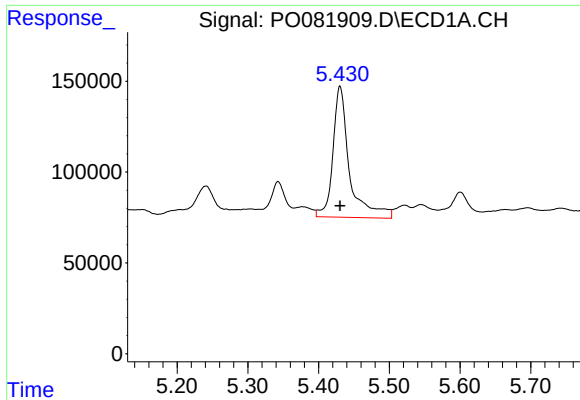
#10 AR-1221-3

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 1176160
Conc: 551.55 ng/ml



#10 AR-1221-3

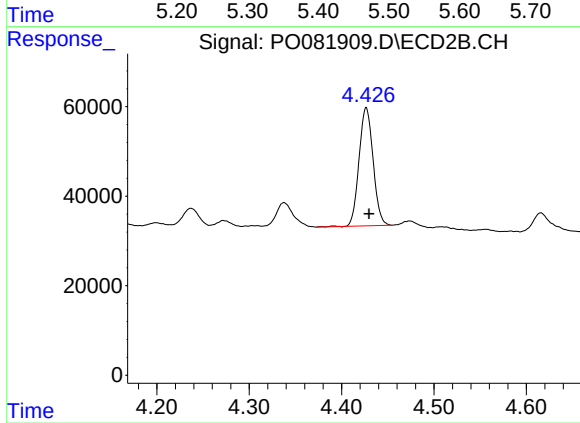
R.T.: 4.427 min
Delta R.T.: -0.004 min
Response: 280162
Conc: 371.52 ng/ml



#11 AR-1232-1

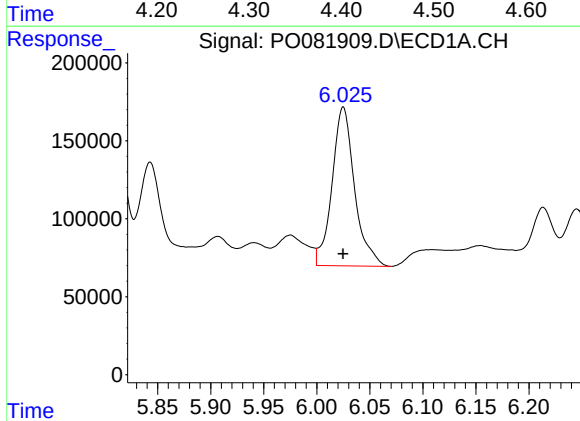
R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 1176160
Conc: 705.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



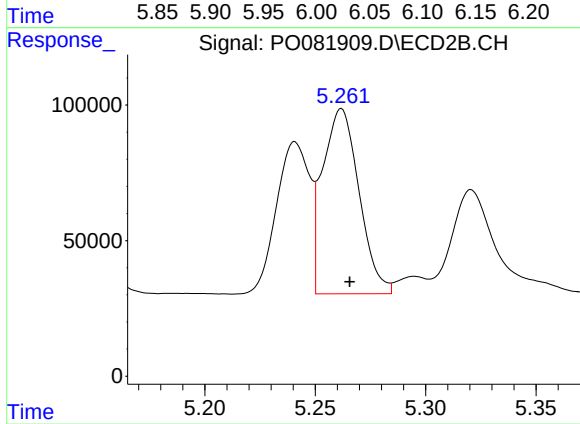
#11 AR-1232-1

R.T.: 4.427 min
Delta R.T.: -0.003 min
Response: 280162
Conc: 472.39 ng/ml



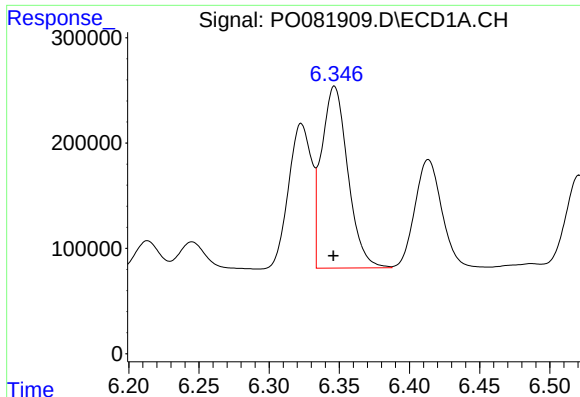
#12 AR-1232-2

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 1503745
Conc: 1585.12 ng/ml



#12 AR-1232-2

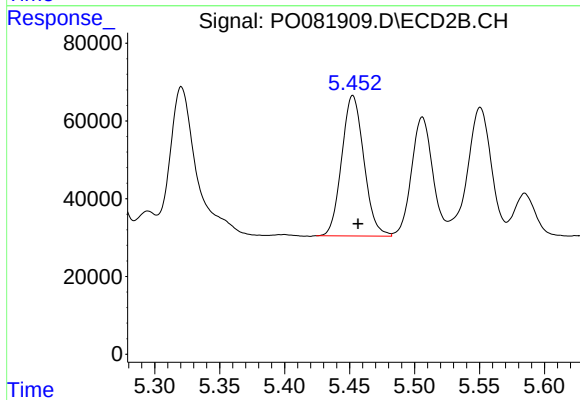
R.T.: 5.262 min
Delta R.T.: -0.004 min
Response: 783378
Conc: 1292.70 ng/ml



#13 AR-1232-3

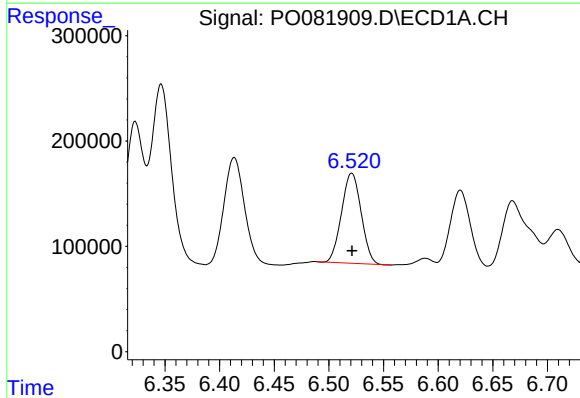
R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 2254567
Conc: 1349.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



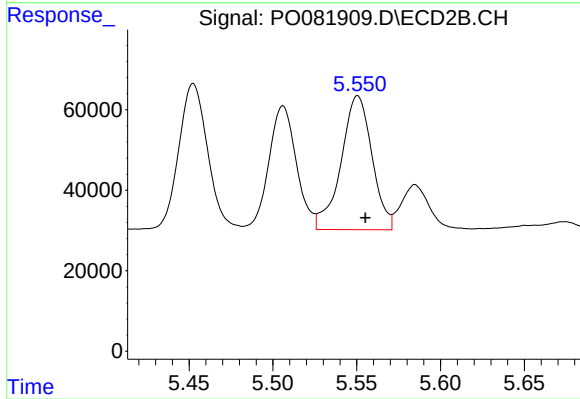
#13 AR-1232-3

R.T.: 5.452 min
Delta R.T.: -0.004 min
Response: 429284
Conc: 1347.69 ng/ml



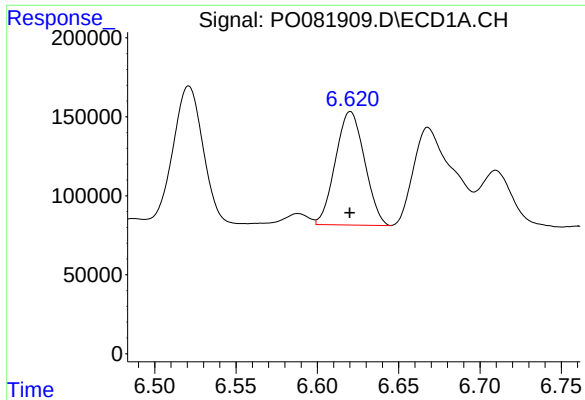
#14 AR-1232-4

R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 1065854
Conc: 1291.39 ng/ml



#14 AR-1232-4

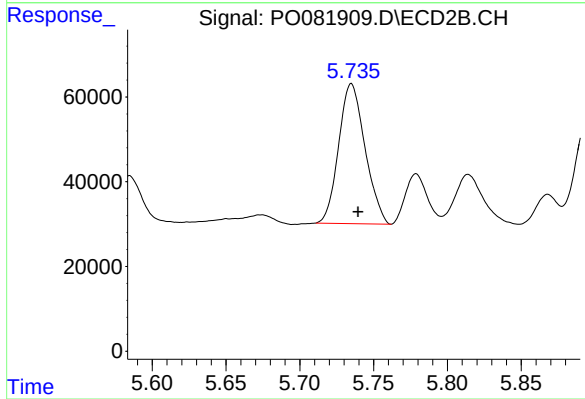
R.T.: 5.551 min
Delta R.T.: -0.005 min
Response: 429297
Conc: 1396.71 ng/ml



#15 AR-1232-5

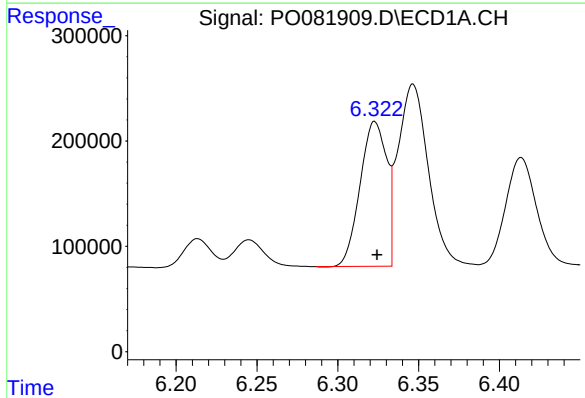
R.T.: 6.620 min
Delta R.T.: 0.000 min
Response: 895927
Conc: 1483.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



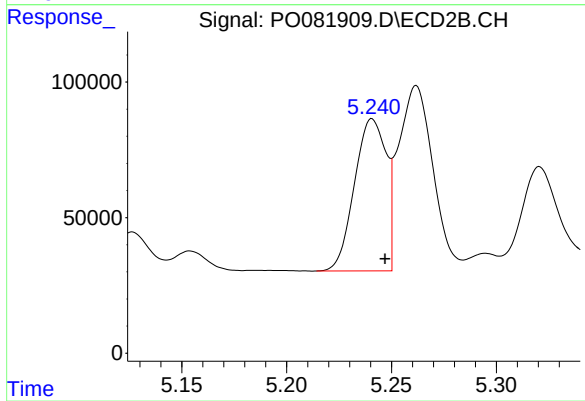
#15 AR-1232-5

R.T.: 5.735 min
Delta R.T.: -0.005 min
Response: 410293
Conc: 1321.80 ng/ml



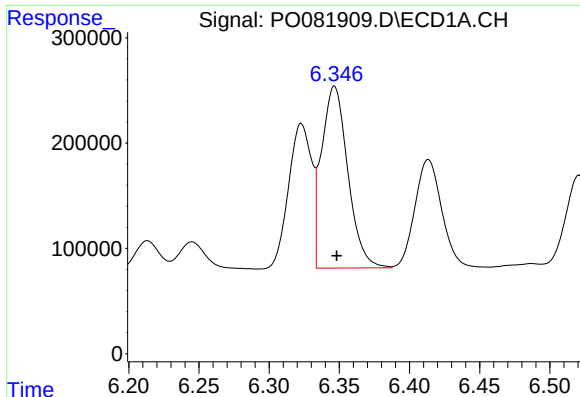
#16 AR-1242-1

R.T.: 6.323 min
Delta R.T.: -0.001 min
Response: 1572659
Conc: 764.73 ng/ml



#16 AR-1242-1

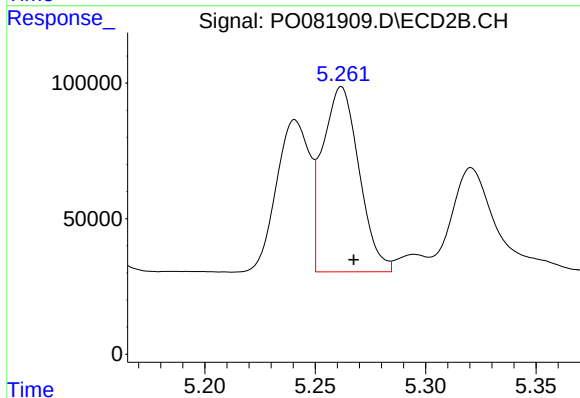
R.T.: 5.241 min
Delta R.T.: -0.006 min
Response: 588432
Conc: 762.08 ng/ml



#17 AR-1242-2

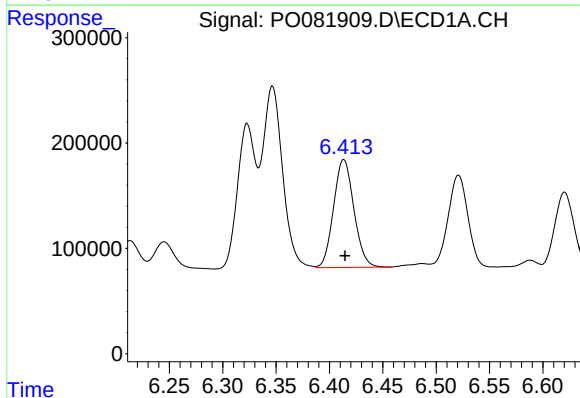
R.T.: 6.347 min
Delta R.T.: -0.002 min
Response: 2254567
Conc: 769.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



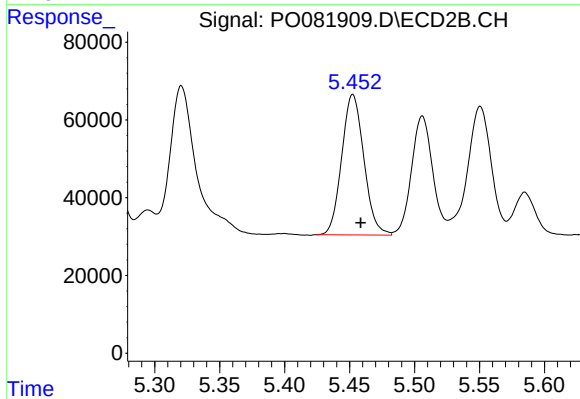
#17 AR-1242-2

R.T.: 5.262 min
Delta R.T.: -0.006 min
Response: 783378
Conc: 741.98 ng/ml



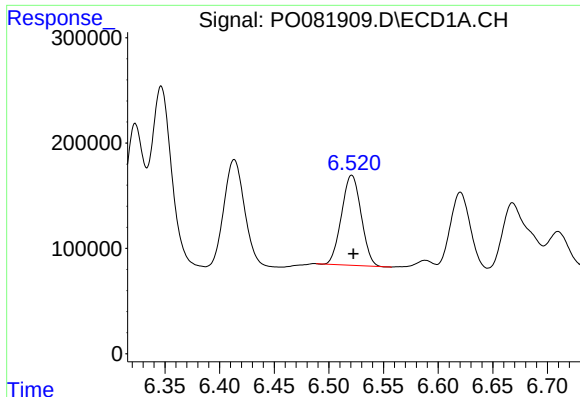
#18 AR-1242-3

R.T.: 6.413 min
Delta R.T.: -0.001 min
Response: 1359260
Conc: 745.37 ng/ml



#18 AR-1242-3

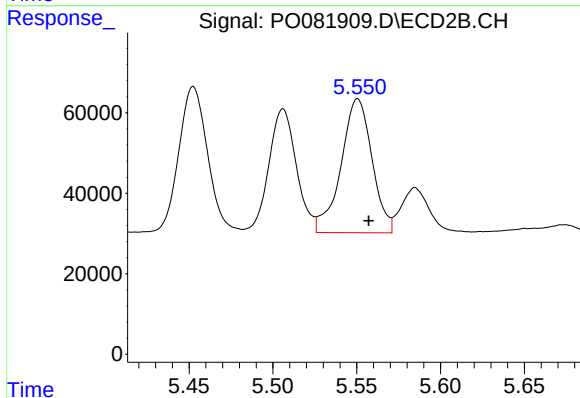
R.T.: 5.452 min
Delta R.T.: -0.006 min
Response: 429284
Conc: 759.97 ng/ml



#19 AR-1242-4

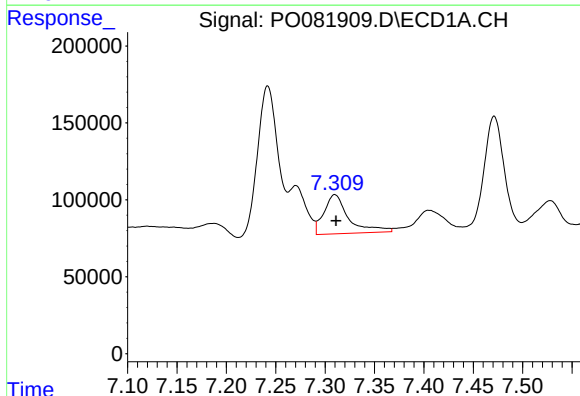
R.T.: 6.521 min
Delta R.T.: -0.002 min
Response: 1065854
Conc: 747.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



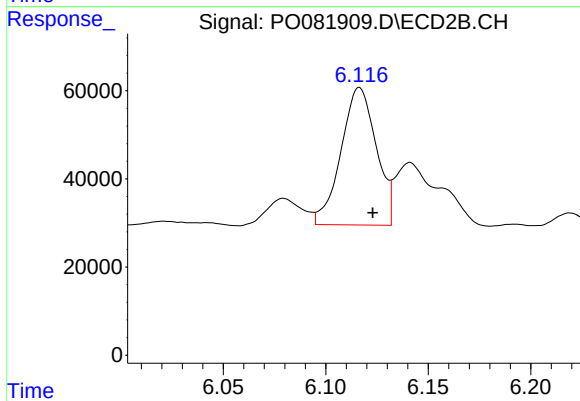
#19 AR-1242-4

R.T.: 5.551 min
Delta R.T.: -0.006 min
Response: 429297
Conc: 688.77 ng/ml



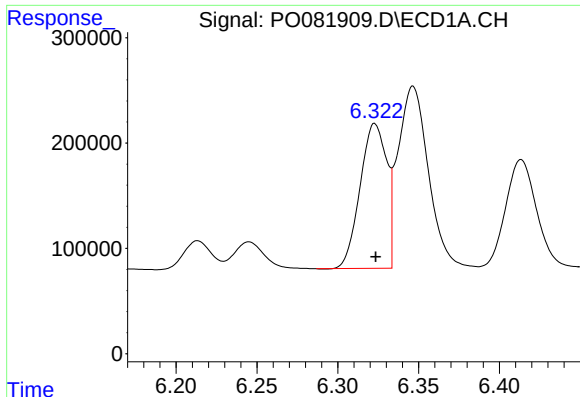
#20 AR-1242-5

R.T.: 7.310 min
Delta R.T.: -0.001 min
Response: 444866
Conc: 304.75 ng/ml



#20 AR-1242-5

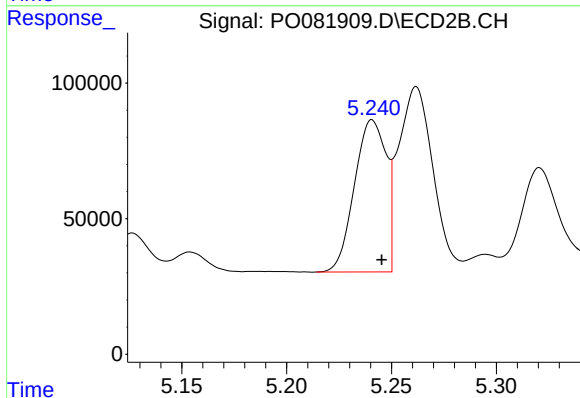
R.T.: 6.116 min
Delta R.T.: -0.006 min
Response: 373568
Conc: 511.95 ng/ml



#21 AR-1248-1

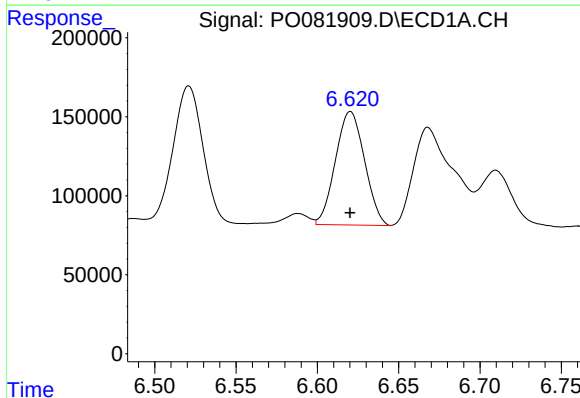
R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 1572659
Conc: 946.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



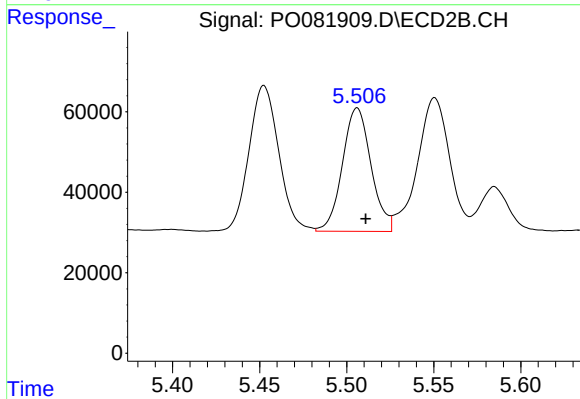
#21 AR-1248-1

R.T.: 5.241 min
Delta R.T.: -0.005 min
Response: 588432
Conc: 965.65 ng/ml



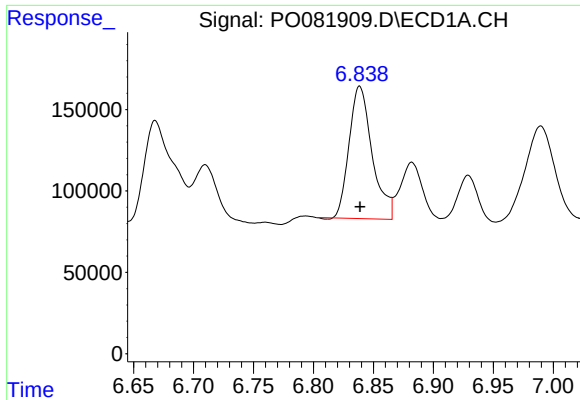
#22 AR-1248-2

R.T.: 6.620 min
Delta R.T.: 0.000 min
Response: 895927
Conc: 408.00 ng/ml



#22 AR-1248-2

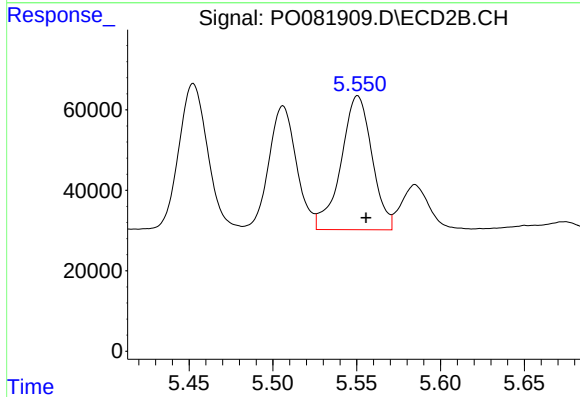
R.T.: 5.506 min
Delta R.T.: -0.005 min
Response: 351274
Conc: 416.10 ng/ml



#23 AR-1248-3

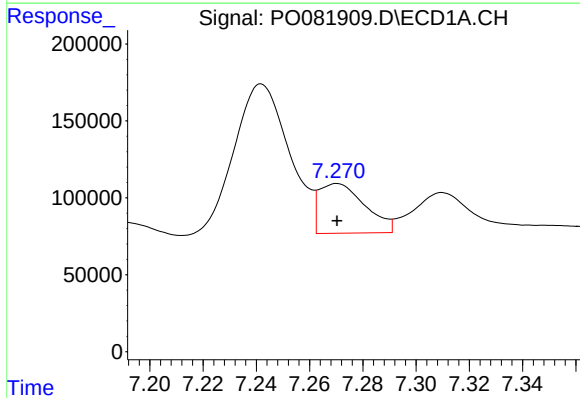
R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 1086720
Conc: 442.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



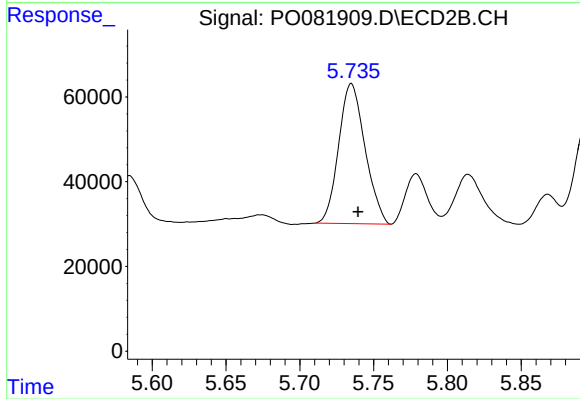
#23 AR-1248-3

R.T.: 5.551 min
Delta R.T.: -0.005 min
Response: 429297
Conc: 479.74 ng/ml



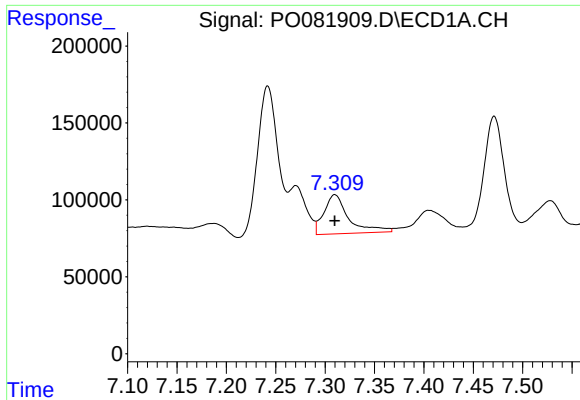
#24 AR-1248-4

R.T.: 7.270 min
Delta R.T.: 0.000 min
Response: 387048
Conc: 147.90 ng/ml



#24 AR-1248-4

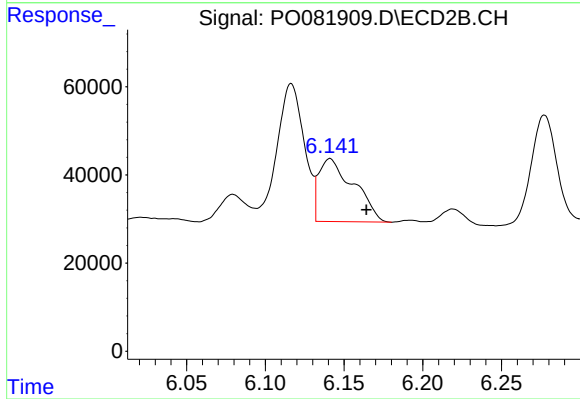
R.T.: 5.735 min
Delta R.T.: -0.005 min
Response: 410293
Conc: 412.37 ng/ml



#25 AR-1248-5

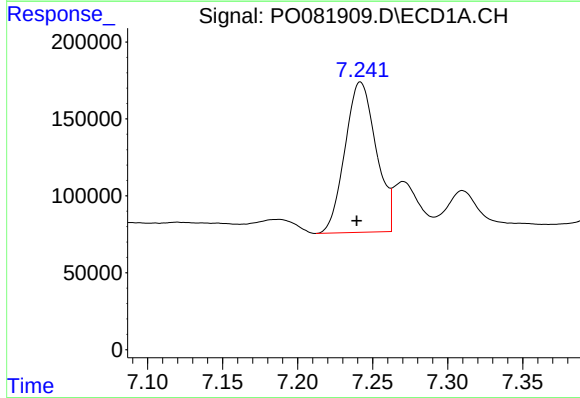
R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 444866
Conc: 178.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



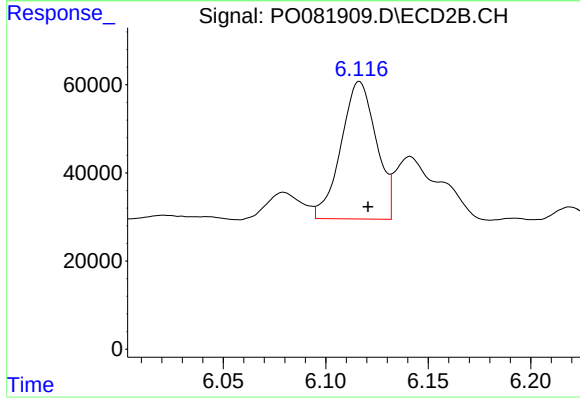
#25 AR-1248-5

R.T.: 6.141 min
Delta R.T.: -0.023 min
Response: 220867
Conc: 231.56 ng/ml



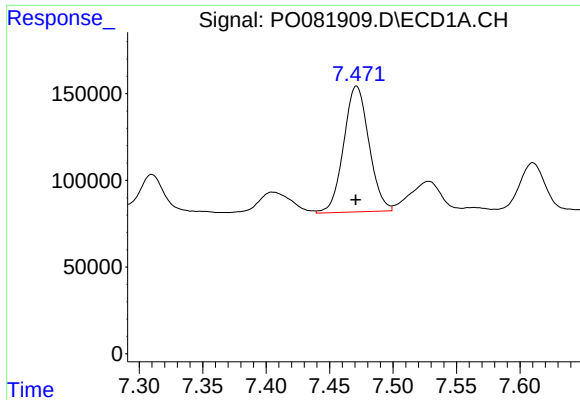
#26 AR-1254-1

R.T.: 7.242 min
Delta R.T.: 0.003 min
Response: 1409932
Conc: 515.39 ng/ml



#26 AR-1254-1

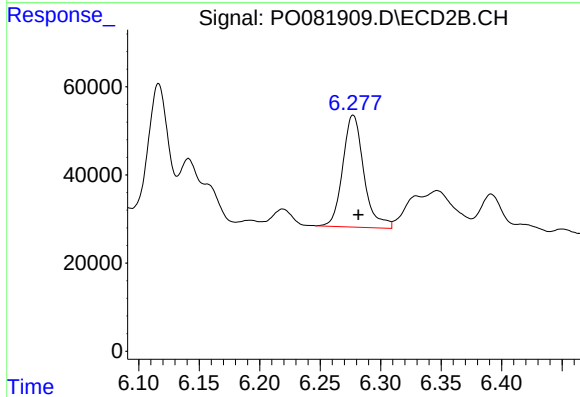
R.T.: 6.116 min
Delta R.T.: -0.004 min
Response: 373568
Conc: 260.31 ng/ml



#27 AR-1254-2

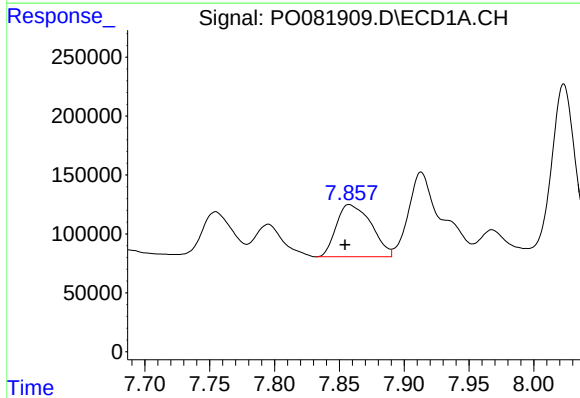
R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 1006998
Conc: 246.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



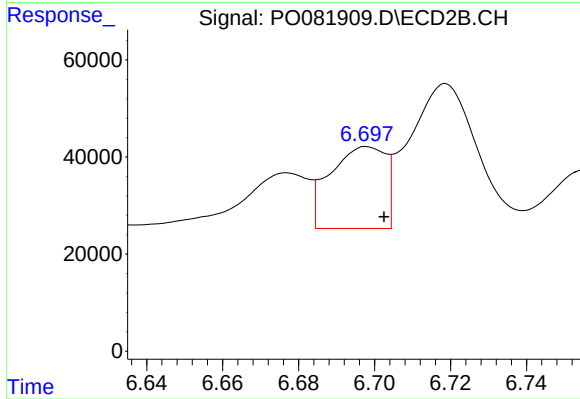
#27 AR-1254-2

R.T.: 6.277 min
Delta R.T.: -0.004 min
Response: 308158
Conc: 237.68 ng/ml



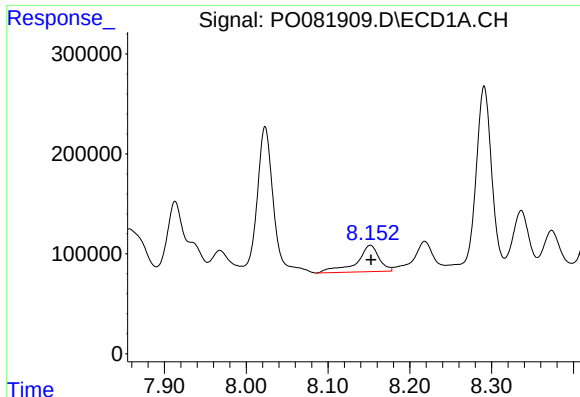
#28 AR-1254-3

R.T.: 7.858 min
Delta R.T.: 0.003 min
Response: 829793
Conc: 203.37 ng/ml



#28 AR-1254-3

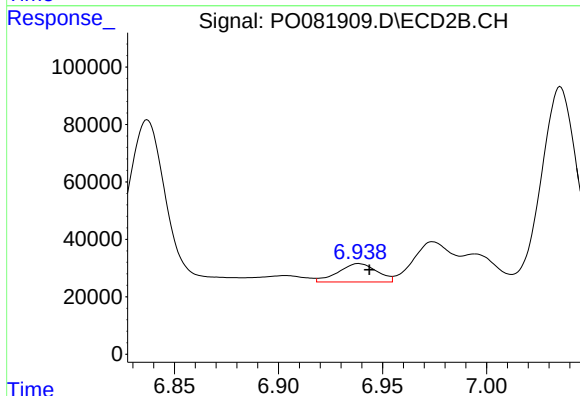
R.T.: 6.698 min
Delta R.T.: -0.004 min
Response: 170417
Conc: 85.56 ng/ml



#29 AR-1254-4

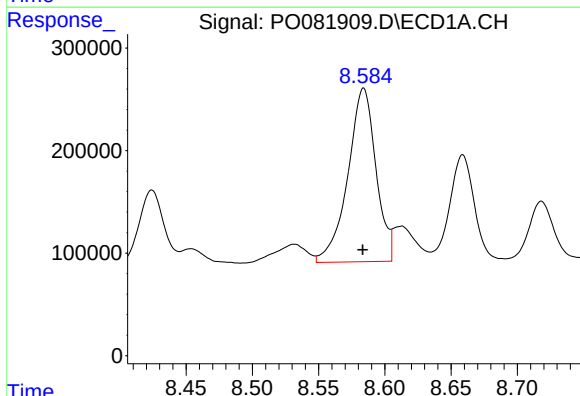
R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 506519
Conc: 168.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



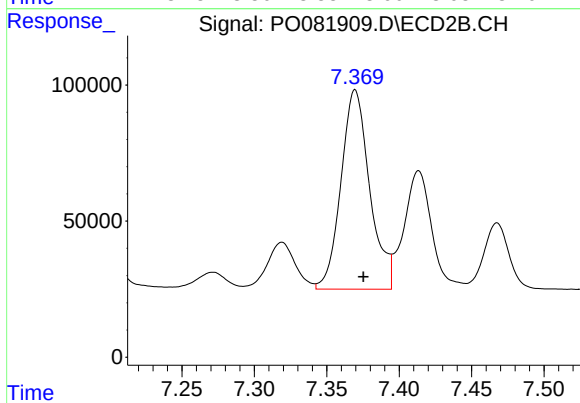
#29 AR-1254-4

R.T.: 6.939 min
Delta R.T.: -0.005 min
Response: 82278
Conc: 64.42 ng/ml



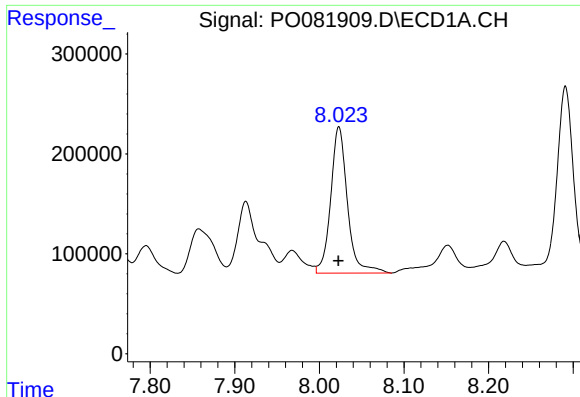
#30 AR-1254-5

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 2501681
Conc: 766.25 ng/ml



#30 AR-1254-5

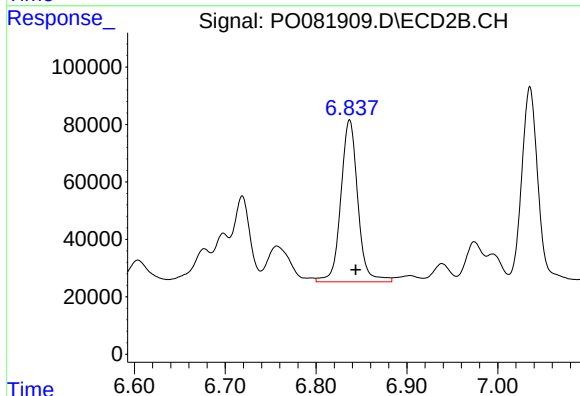
R.T.: 7.370 min
Delta R.T.: -0.006 min
Response: 1012469
Conc: 559.51 ng/ml



#31 AR-1260-1

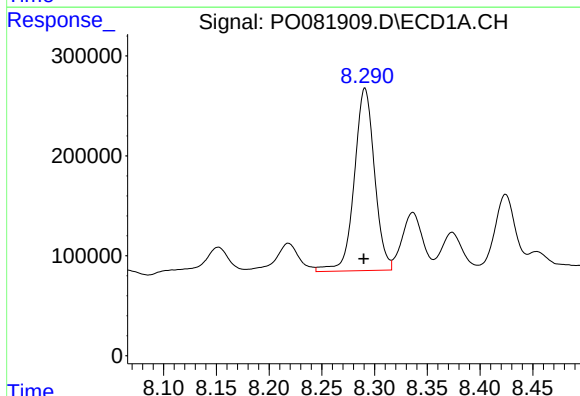
R.T.: 8.023 min
Delta R.T.: 0.000 min
Response: 2013686
Conc: 641.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



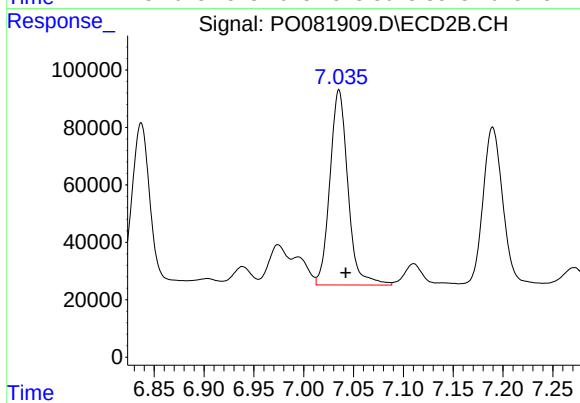
#31 AR-1260-1

R.T.: 6.837 min
Delta R.T.: -0.007 min
Response: 733061
Conc: 509.19 ng/ml



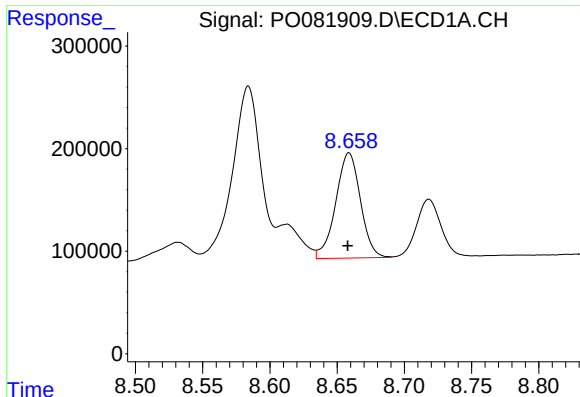
#32 AR-1260-2

R.T.: 8.291 min
Delta R.T.: 0.001 min
Response: 2430104
Conc: 658.01 ng/ml



#32 AR-1260-2

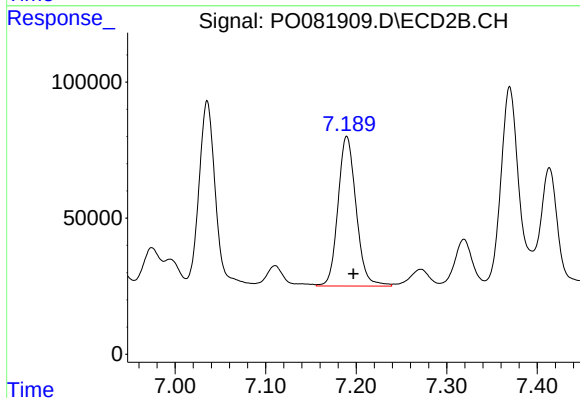
R.T.: 7.035 min
Delta R.T.: -0.007 min
Response: 855194
Conc: 495.33 ng/ml



#33 AR-1260-3

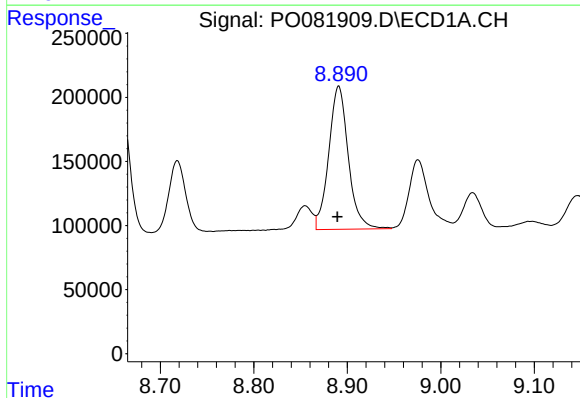
R.T.: 8.659 min
Delta R.T.: 0.000 min
Response: 1308166
Conc: 529.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



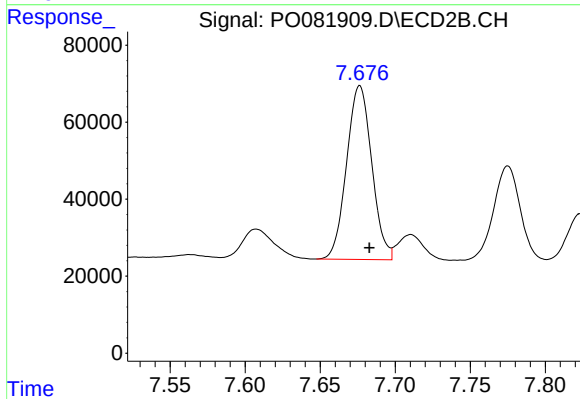
#33 AR-1260-3

R.T.: 7.190 min
Delta R.T.: -0.007 min
Response: 764108
Conc: 467.24 ng/ml



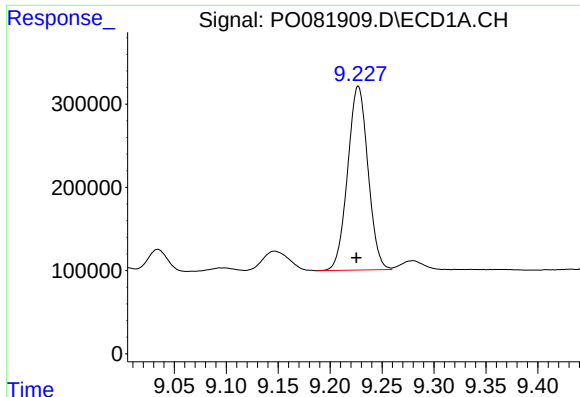
#34 AR-1260-4

R.T.: 8.891 min
Delta R.T.: 0.002 min
Response: 1623404
Conc: 543.74 ng/ml



#34 AR-1260-4

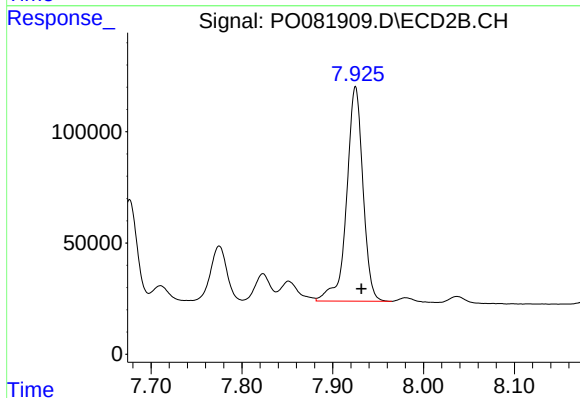
R.T.: 7.676 min
Delta R.T.: -0.007 min
Response: 527415
Conc: 438.66 ng/ml



#35 AR-1260-5

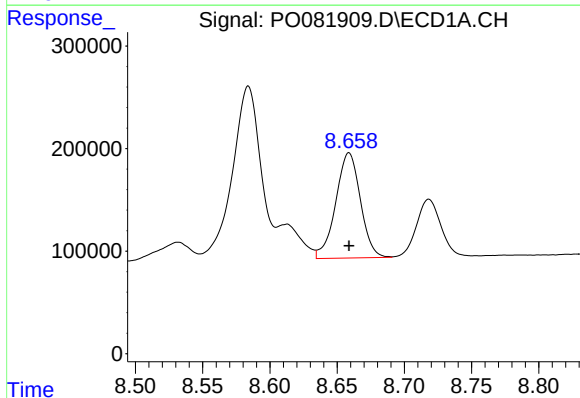
R.T.: 9.227 min
Delta R.T.: 0.002 min
Response: 3012248
Conc: 515.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



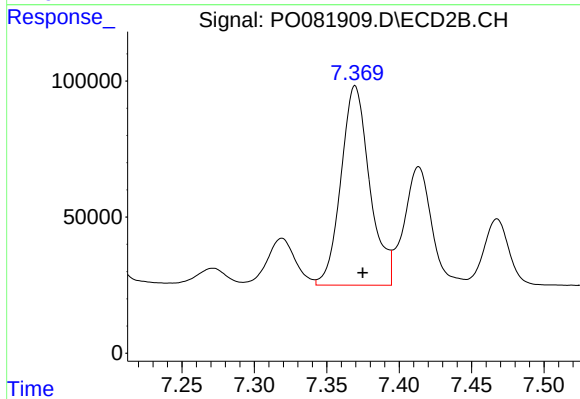
#35 AR-1260-5

R.T.: 7.925 min
Delta R.T.: -0.006 min
Response: 1203482
Conc: 425.38 ng/ml



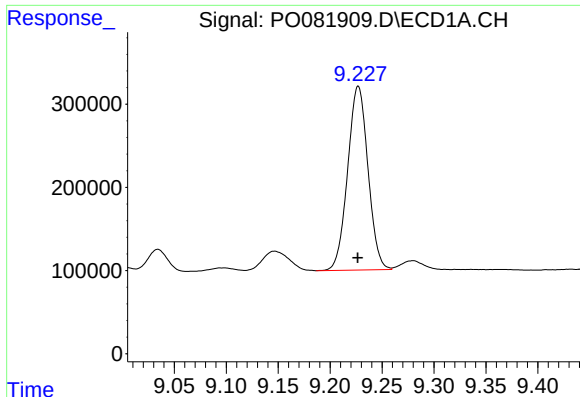
#36 AR-1262-1

R.T.: 8.659 min
Delta R.T.: 0.000 min
Response: 1308166
Conc: 332.71 ng/ml



#36 AR-1262-1

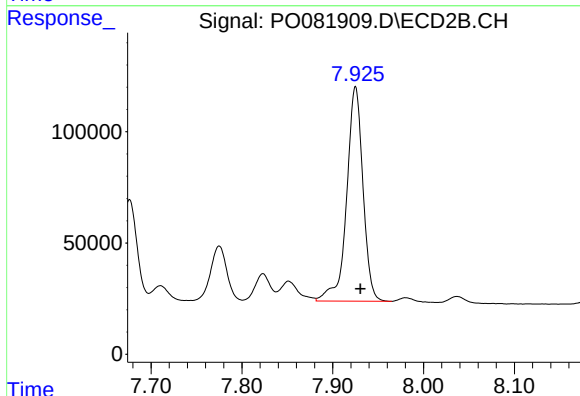
R.T.: 7.370 min
Delta R.T.: -0.005 min
Response: 1012469
Conc: 1013.11 ng/ml



#37 AR-1262-2

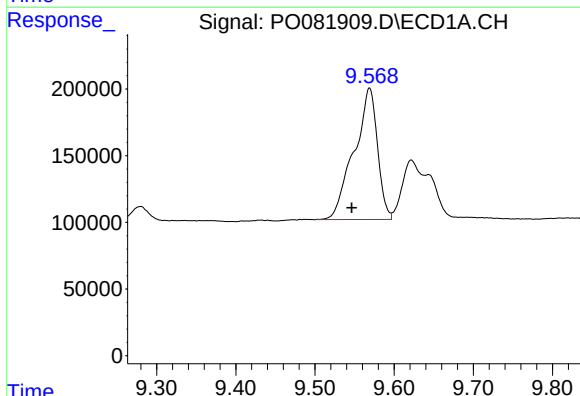
R.T.: 9.227 min
Delta R.T.: 0.000 min
Response: 3012248
Conc: 435.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



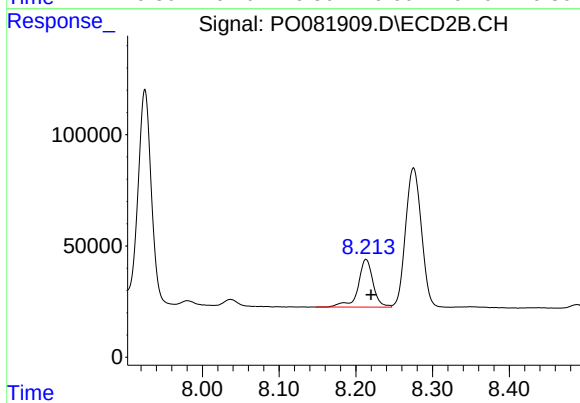
#37 AR-1262-2

R.T.: 7.925 min
Delta R.T.: -0.005 min
Response: 1203482
Conc: 373.60 ng/ml



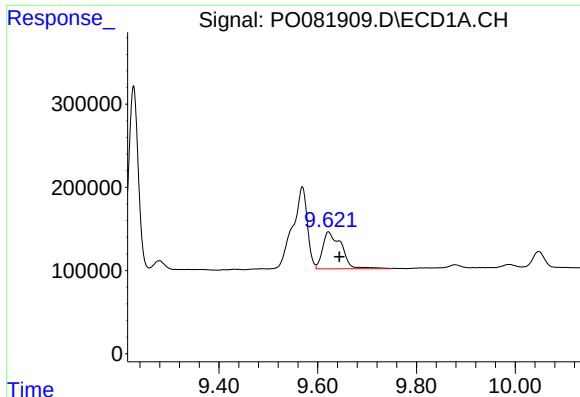
#38 AR-1262-3

R.T.: 9.569 min
Delta R.T.: 0.022 min
Response: 2025566
Conc: 595.98 ng/ml



#38 AR-1262-3

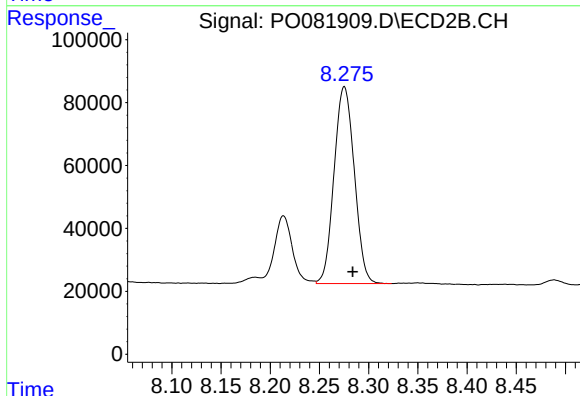
R.T.: 8.213 min
Delta R.T.: -0.006 min
Response: 292547
Conc: 219.13 ng/ml



#39 AR-1262-4

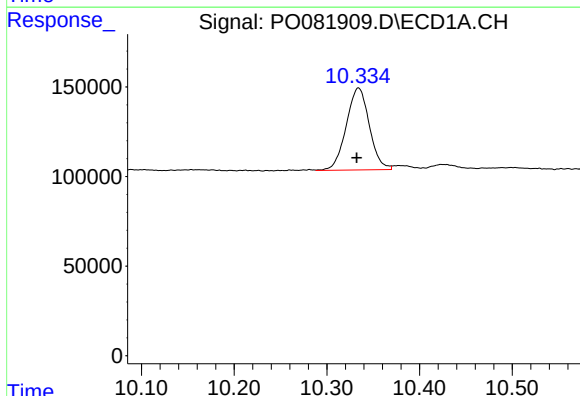
R.T.: 9.622 min
Delta R.T.: -0.022 min
Response: 1168859
Conc: 578.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



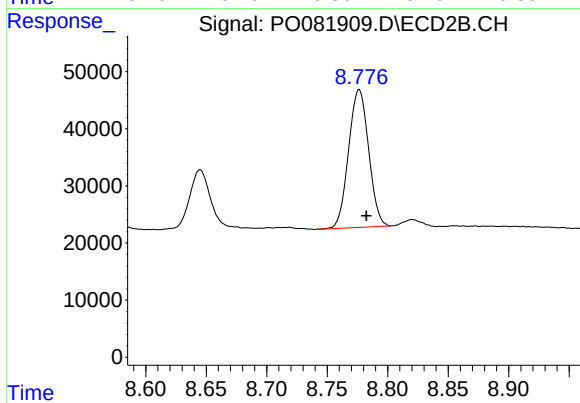
#39 AR-1262-4

R.T.: 8.275 min
Delta R.T.: -0.008 min
Response: 896177
Conc: 372.30 ng/ml



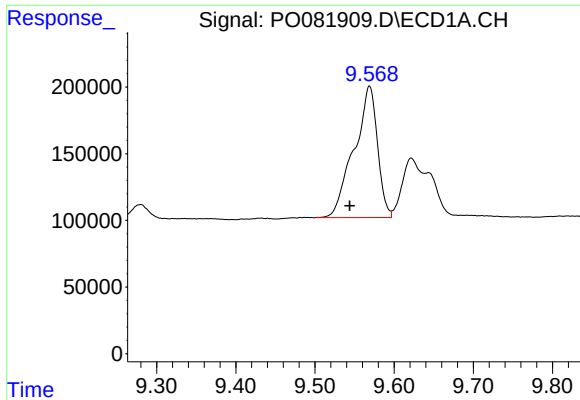
#40 AR-1262-5

R.T.: 10.334 min
Delta R.T.: 0.002 min
Response: 792928
Conc: 307.36 ng/ml



#40 AR-1262-5

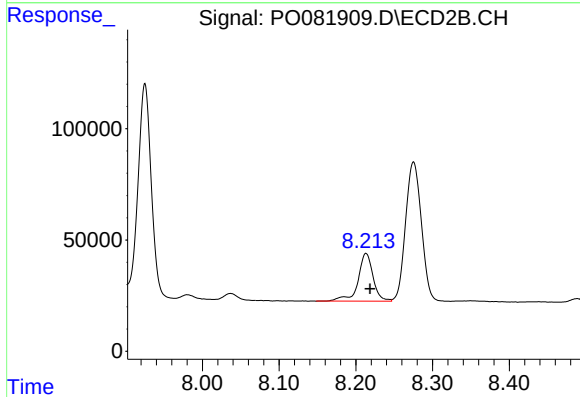
R.T.: 8.776 min
Delta R.T.: -0.006 min
Response: 278440
Conc: 242.64 ng/ml



#41 AR-1268-1

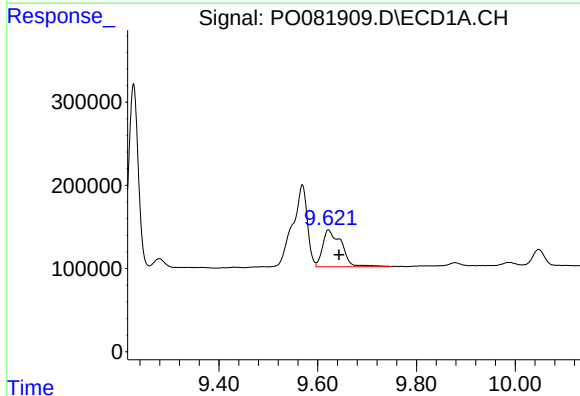
R.T.: 9.569 min
Delta R.T.: 0.025 min
Response: 2025566
Conc: 235.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



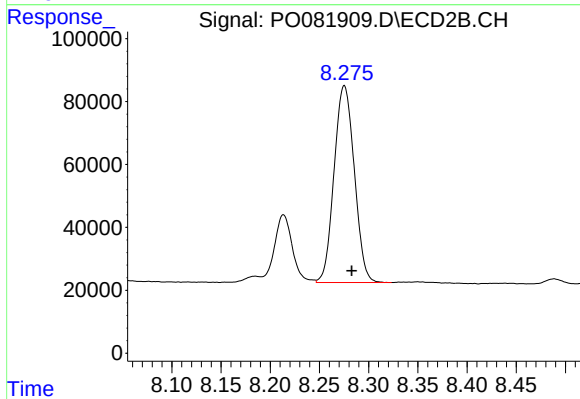
#41 AR-1268-1

R.T.: 8.213 min
Delta R.T.: -0.005 min
Response: 292547
Conc: 74.34 ng/ml



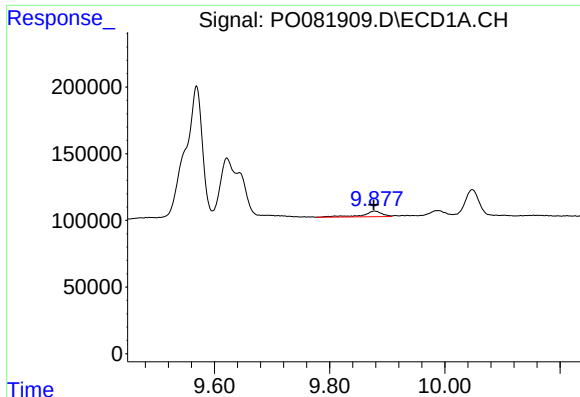
#42 AR-1268-2

R.T.: 9.622 min
Delta R.T.: -0.022 min
Response: 1168859
Conc: 148.50 ng/ml



#42 AR-1268-2

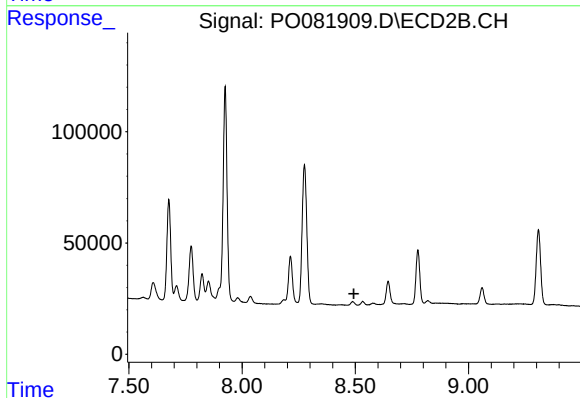
R.T.: 8.275 min
Delta R.T.: -0.007 min
Response: 896177
Conc: 253.17 ng/ml



#43 AR-1268-3

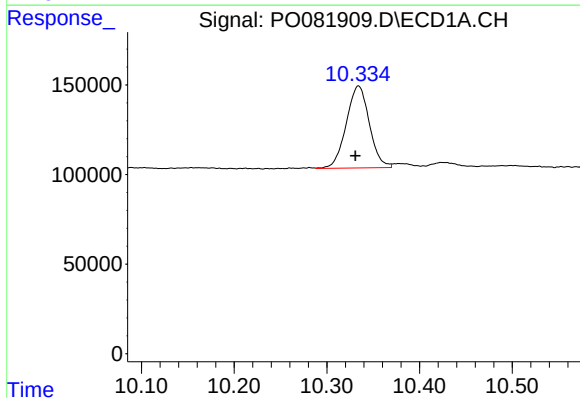
R.T.: 9.878 min
Delta R.T.: 0.001 min
Response: 99573
Conc: 14.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



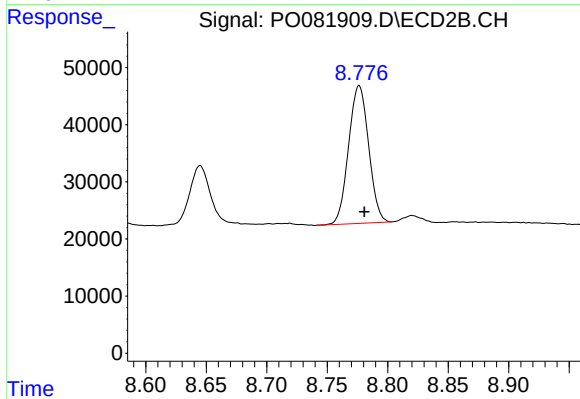
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.494 min
Response: 0
Conc: N.D.



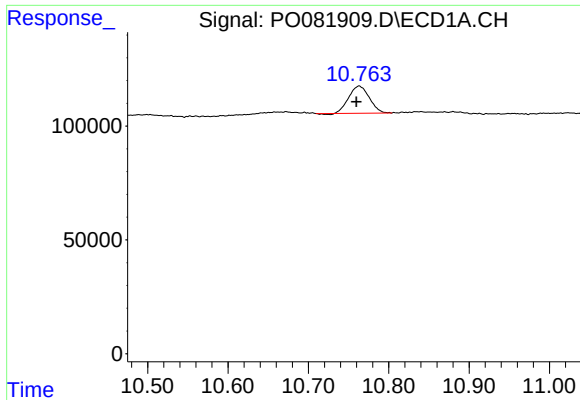
#44 AR-1268-4

R.T.: 10.334 min
Delta R.T.: 0.003 min
Response: 792928
Conc: 265.51 ng/ml



#44 AR-1268-4

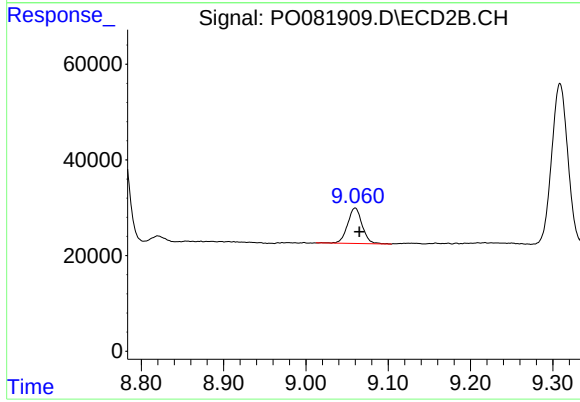
R.T.: 8.776 min
Delta R.T.: -0.004 min
Response: 278440
Conc: 211.71 ng/ml



#45 AR-1268-5

R.T.: 10.763 min
Delta R.T.: 0.004 min
Response: 212674
Conc: 9.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.060 min
Delta R.T.: -0.005 min
Response: 91576
Conc: 9.99 ng/ml