

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092421\
 Data File : P0081554.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 Sep 2021 16:51
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:33:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0092321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 24 02:21:54 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...	4.868	3.985	5160293	1463334	57.867	54.926
2)	SA Decachlor...	10.878	9.331	3868494	1184458	51.935	51.004
Target Compounds							
3)	L1 AR-1016-1	6.196	5.254	1840958	504278	568.610	559.736
4)	L1 AR-1016-2	6.220	5.273	2618184	755713	564.835	553.400
5)	L1 AR-1016-3	6.286	5.467	1624885	398046	567.550	561.436
6)	L1 AR-1016-4	6.393	5.519	1333309	338585	579.638	546.613
7)	L1 AR-1016-5	6.708	5.751	1335250	342844	586.743	485.603
8)	L2 AR-1221-1	5.116	4.244	198626	42650	181.511	148.270
9)	L2 AR-1221-2	5.221	4.346	262912	69170	333.452	287.713
10)	L2 AR-1221-3	5.308	4.435	1000334	284151	397.589	366.208
11)	L3 AR-1232-1	5.308	4.435	1000334	284151	513.251	473.905
12)	L3 AR-1232-2	5.899	5.273	1346557	755713	1265.846	1194.238
13)	L3 AR-1232-3	6.220	5.467	2618184	398046	1298.805	1253.571
14)	L3 AR-1232-4	6.393	5.564	1333309	396830	1304.790	1320.574
15)	L3 AR-1232-5	6.492	5.751	1086174	342844	1473.113	1078.527 #
16)	L4 AR-1242-1	6.196	5.254	1840958	504278	720.885	687.405
17)	L4 AR-1242-2	6.220	5.273	2618184	755713	729.115	686.369
18)	L4 AR-1242-3	6.286	5.467	1624885	398046	712.051	710.036
19)	L4 AR-1242-4	6.393	5.564	1333309	396830	734.187	691.098
20)	L4 AR-1242-5	7.179	6.132	259182	328178	131.429	439.167 #
21)	L5 AR-1248-1	6.196	5.254	1840958	504278	914.589	842.617
22)	L5 AR-1248-2	6.492	5.519	1086174	338585	411.815	381.557
23)	L5 AR-1248-3	6.708	5.564	1335250	396830	426.619	453.897
24)	L5 AR-1248-4	7.139	5.751	328790	342844	95.462	337.425 #
25)	L5 AR-1248-5	7.179	6.176	259182	53702	76.662	55.645 #
26)	L6 AR-1254-1	7.108	6.132	1077057	328178	300.395	214.320 #
27)	L6 AR-1254-2	7.338	6.293	1015612	303953	184.191	223.406
28)	L6 AR-1254-3	7.720	6.735	788475	565689	139.738	284.384 #
29)	L6 AR-1254-4	8.016	6.959	580203	59454	141.097	47.615 #
30)	L6 AR-1254-5	8.446	7.390	3043146	927441	660.207	496.111
31)	L7 AR-1260-1	7.887	6.855	2444791	748870	578.342	536.435
32)	L7 AR-1260-2	8.155	7.054	2814107	895173	542.171	547.731
33)	L7 AR-1260-3	8.520	7.210	1713303	787134	528.760	473.352
34)	L7 AR-1260-4	8.751	7.696	2027748	601822	508.712	541.475
35)	L7 AR-1260-5	9.075	7.946	3757751	1302702	507.246	527.494
36)	L8 AR-1262-1	8.520	7.390	1713303	927441	330.539	931.772 #
37)	L8 AR-1262-2	9.075	7.946	3757751	1302702	421.320	425.211
38)	L8 AR-1262-3	9.404f	8.234	2507105	304682	624.952	227.657 #
39)	L8 AR-1262-4	9.455f	8.297	1507734	978493	616.855	415.839 #
40)	L8 AR-1262-5	10.137	8.800	1049870	335725	308.109	295.234
41)	L9 AR-1268-1	9.404f	8.234	2507105	304682	233.543	79.450 #

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 Acq On : 25 Sep 2021 16:51
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

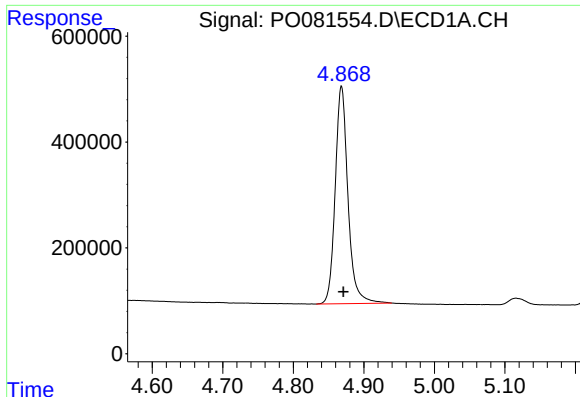
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:33:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0092321.M
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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	9.455f	8.297	1507734	978493	149.201	280.994 #
43) L9	AR-1268-3	9.699	8.505	65933	24525	7.696	7.811
44) L9	AR-1268-4	10.137	8.800	1049870	335725	273.425	260.358
45) L9	AR-1268-5	10.546	9.083	337578	114373	11.968	12.723

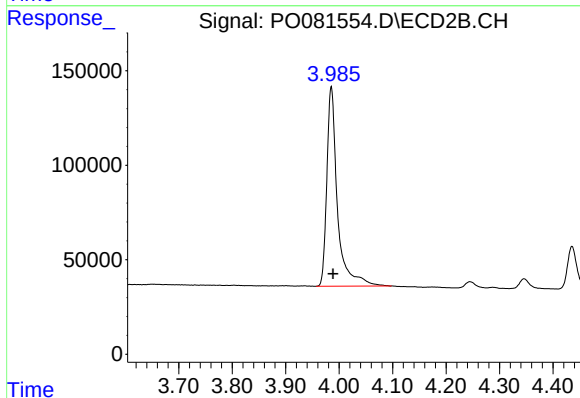
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

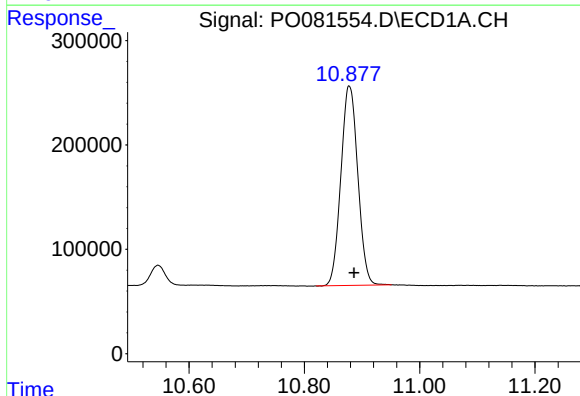
R.T.: 4.868 min
Delta R.T.: -0.003 min
Response: 5160293
Conc: 57.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



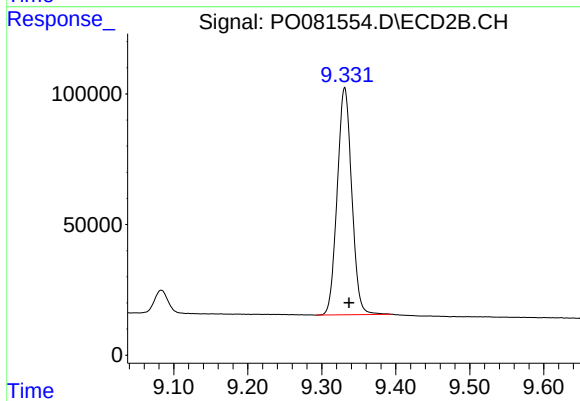
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: -0.003 min
Response: 1463334
Conc: 54.93 ng/ml



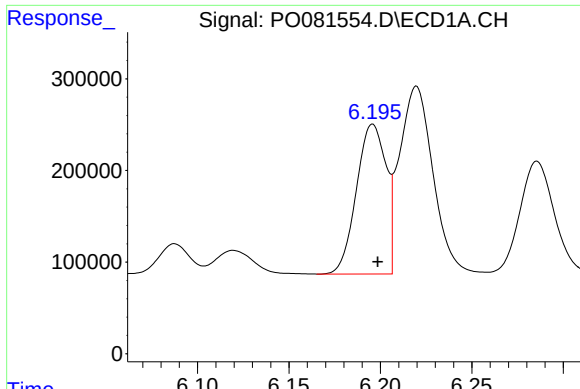
#2 Decachlorobiphenyl

R.T.: 10.878 min
Delta R.T.: -0.008 min
Response: 3868494
Conc: 51.93 ng/ml



#2 Decachlorobiphenyl

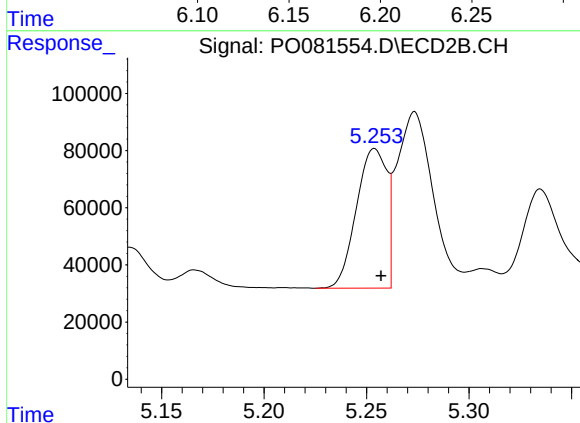
R.T.: 9.331 min
Delta R.T.: -0.006 min
Response: 1184458
Conc: 51.00 ng/ml



#3 AR-1016-1

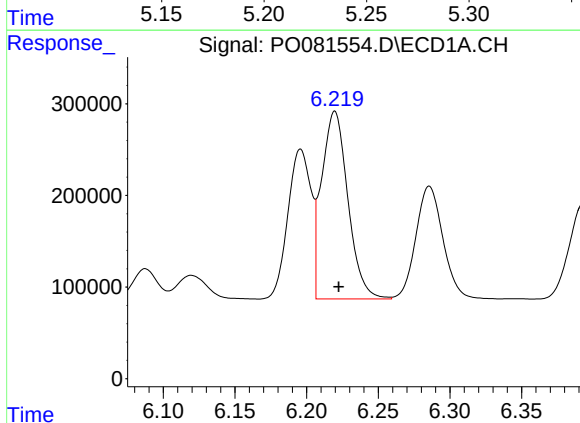
R.T.: 6.196 min
Delta R.T.: -0.003 min
Response: 1840958
Conc: 568.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



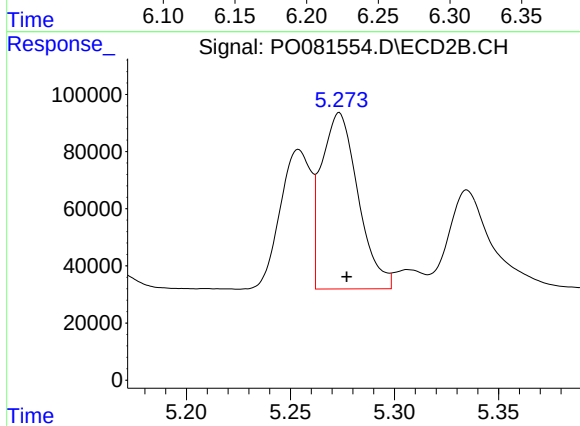
#3 AR-1016-1

R.T.: 5.254 min
Delta R.T.: -0.003 min
Response: 504278
Conc: 559.74 ng/ml



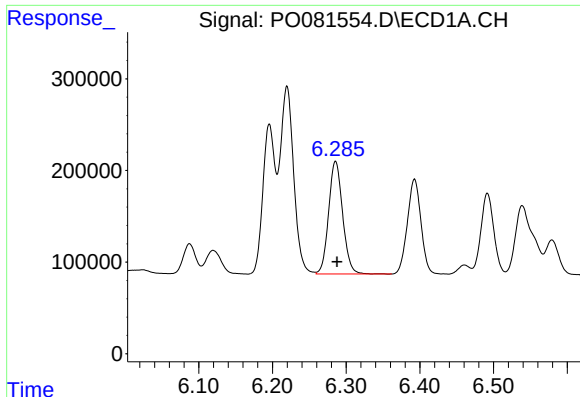
#4 AR-1016-2

R.T.: 6.220 min
Delta R.T.: -0.003 min
Response: 2618184
Conc: 564.84 ng/ml



#4 AR-1016-2

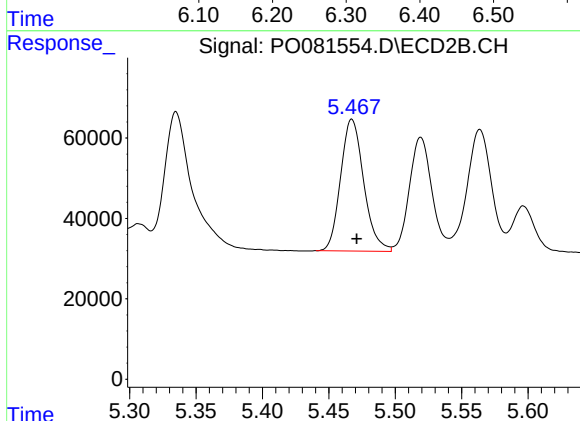
R.T.: 5.273 min
Delta R.T.: -0.004 min
Response: 755713
Conc: 553.40 ng/ml



#5 AR-1016-3

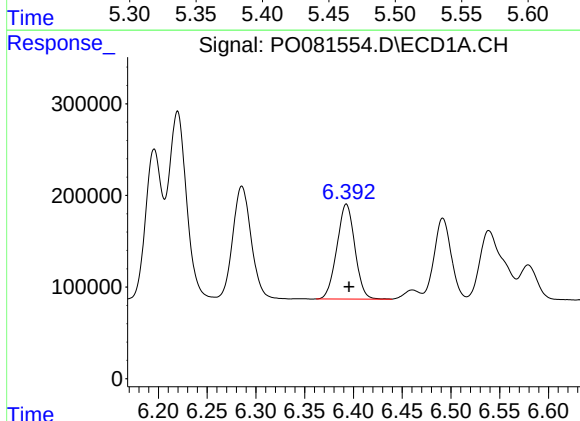
R.T.: 6.286 min
Delta R.T.: -0.002 min
Response: 1624885
Conc: 567.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



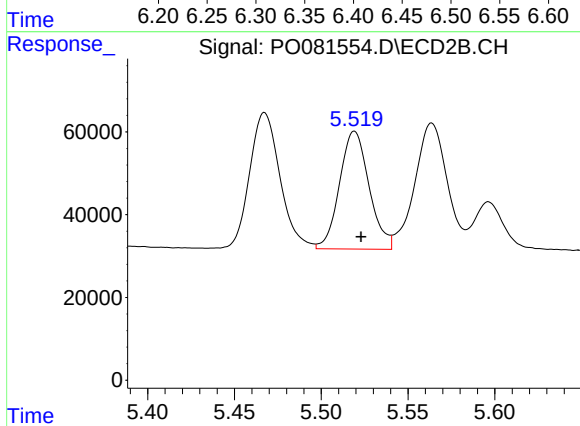
#5 AR-1016-3

R.T.: 5.467 min
Delta R.T.: -0.004 min
Response: 398046
Conc: 561.44 ng/ml



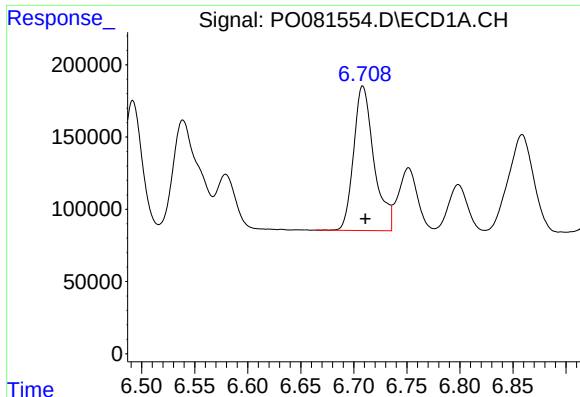
#6 AR-1016-4

R.T.: 6.393 min
Delta R.T.: -0.003 min
Response: 1333309
Conc: 579.64 ng/ml



#6 AR-1016-4

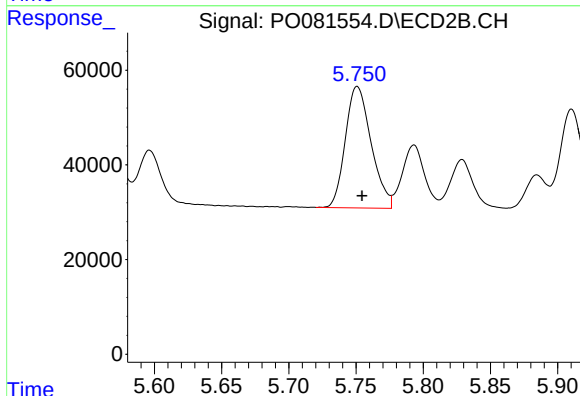
R.T.: 5.519 min
Delta R.T.: -0.004 min
Response: 338585
Conc: 546.61 ng/ml



#7 AR-1016-5

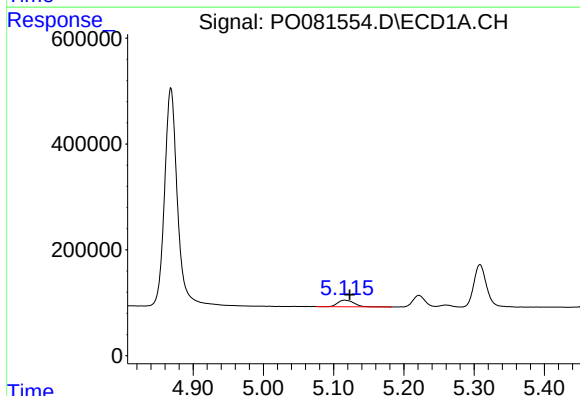
R.T.: 6.708 min
Delta R.T.: -0.003 min
Response: 1335250
Conc: 586.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



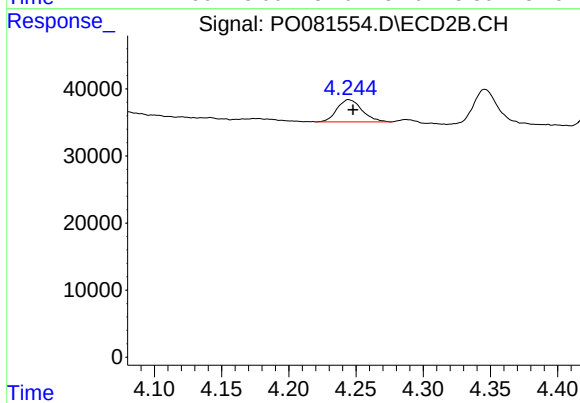
#7 AR-1016-5

R.T.: 5.751 min
Delta R.T.: -0.004 min
Response: 342844
Conc: 485.60 ng/ml



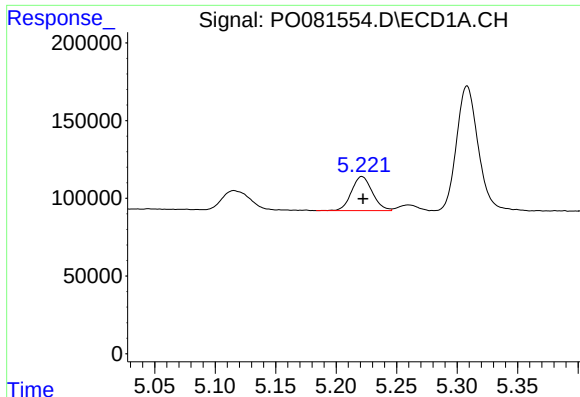
#8 AR-1221-1

R.T.: 5.116 min
Delta R.T.: -0.008 min
Response: 198626
Conc: 181.51 ng/ml



#8 AR-1221-1

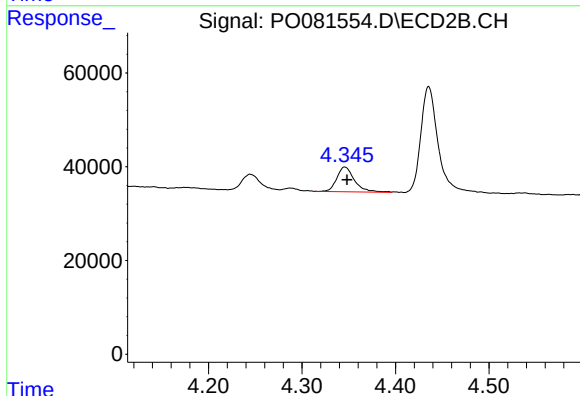
R.T.: 4.244 min
Delta R.T.: -0.003 min
Response: 42650
Conc: 148.27 ng/ml



#9 AR-1221-2

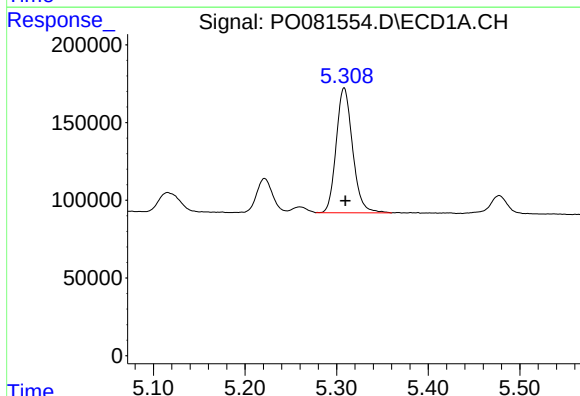
R.T.: 5.221 min
Delta R.T.: 0.000 min
Response: 262912
Conc: 333.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



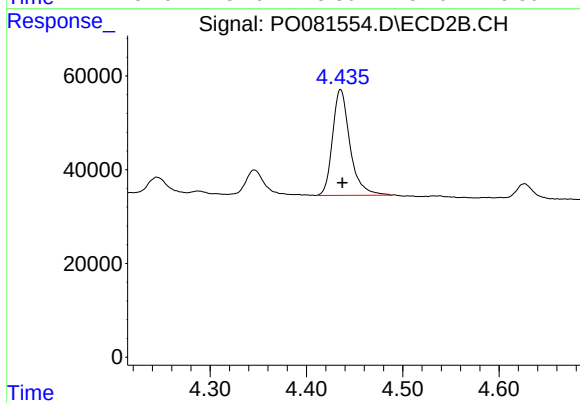
#9 AR-1221-2

R.T.: 4.346 min
Delta R.T.: -0.002 min
Response: 69170
Conc: 287.71 ng/ml



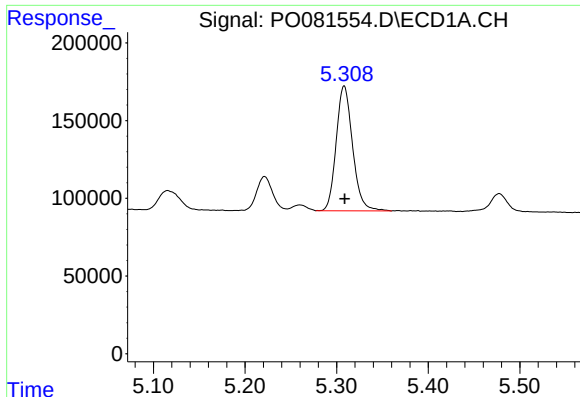
#10 AR-1221-3

R.T.: 5.308 min
Delta R.T.: -0.001 min
Response: 1000334
Conc: 397.59 ng/ml



#10 AR-1221-3

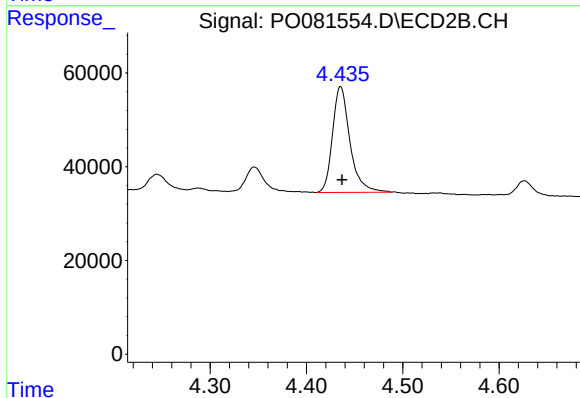
R.T.: 4.435 min
Delta R.T.: -0.002 min
Response: 284151
Conc: 366.21 ng/ml



#11 AR-1232-1

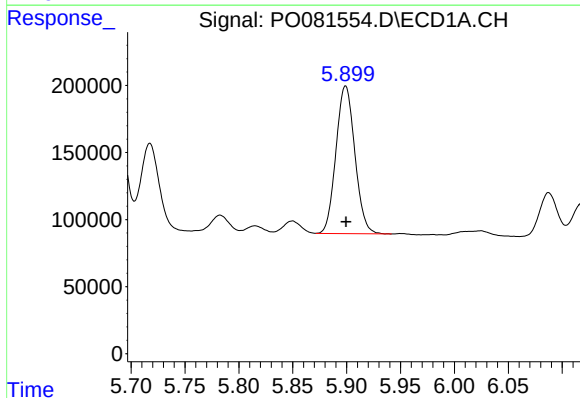
R.T.: 5.308 min
Delta R.T.: 0.000 min
Response: 1000334
Conc: 513.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



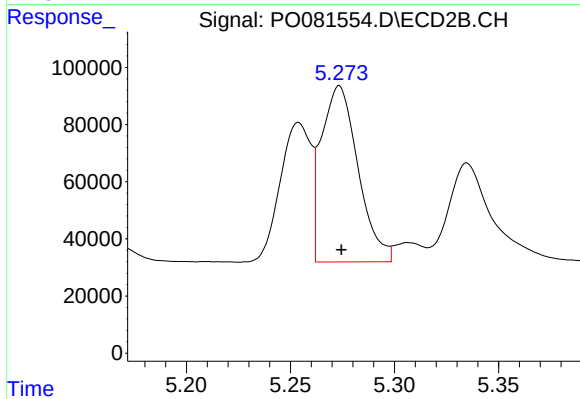
#11 AR-1232-1

R.T.: 4.435 min
Delta R.T.: -0.002 min
Response: 284151
Conc: 473.91 ng/ml



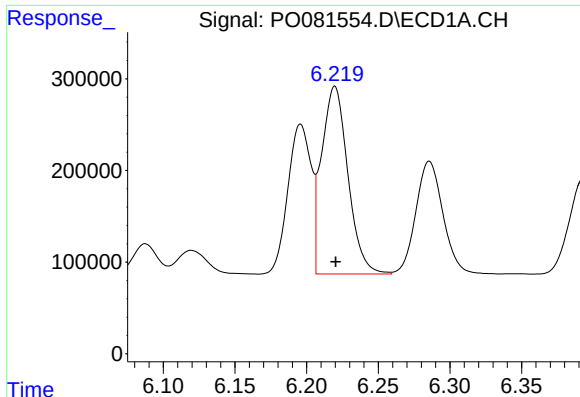
#12 AR-1232-2

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 1346557
Conc: 1265.85 ng/ml



#12 AR-1232-2

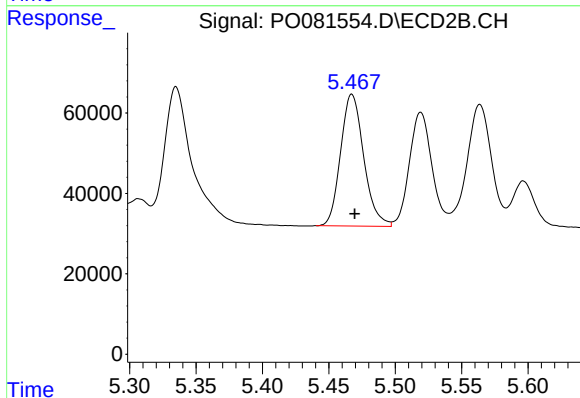
R.T.: 5.273 min
Delta R.T.: -0.001 min
Response: 755713
Conc: 1194.24 ng/ml



#13 AR-1232-3

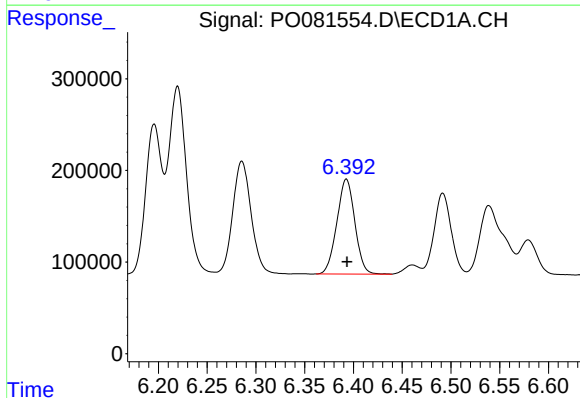
R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 2618184
Conc: 1298.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



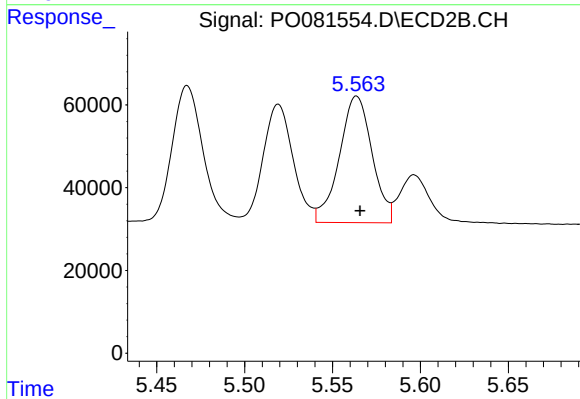
#13 AR-1232-3

R.T.: 5.467 min
Delta R.T.: -0.002 min
Response: 398046
Conc: 1253.57 ng/ml



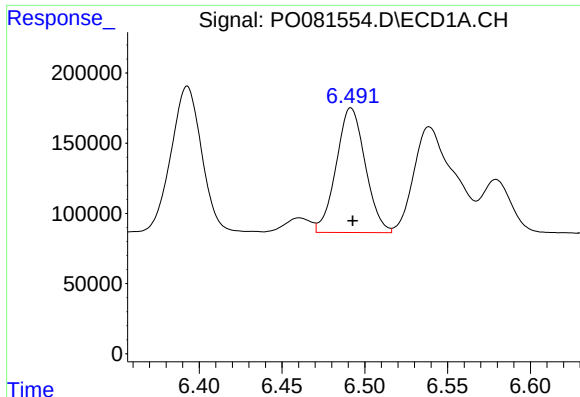
#14 AR-1232-4

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 1333309
Conc: 1304.79 ng/ml



#14 AR-1232-4

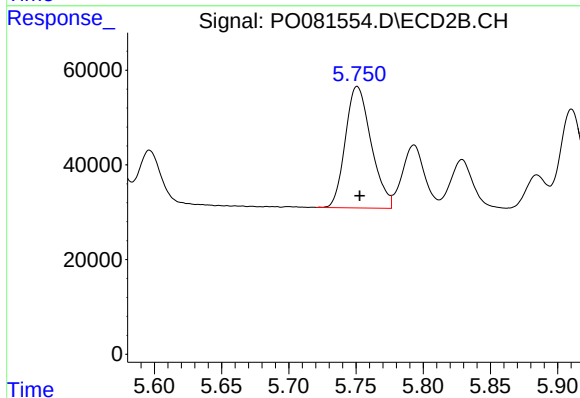
R.T.: 5.564 min
Delta R.T.: -0.002 min
Response: 396830
Conc: 1320.57 ng/ml



#15 AR-1232-5

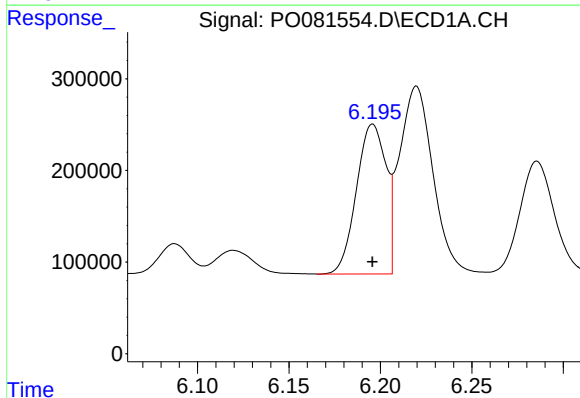
R.T.: 6.492 min
Delta R.T.: -0.001 min
Response: 1086174
Conc: 1473.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



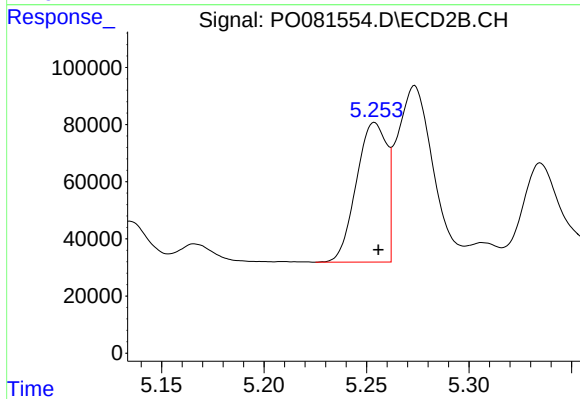
#15 AR-1232-5

R.T.: 5.751 min
Delta R.T.: -0.002 min
Response: 342844
Conc: 1078.53 ng/ml



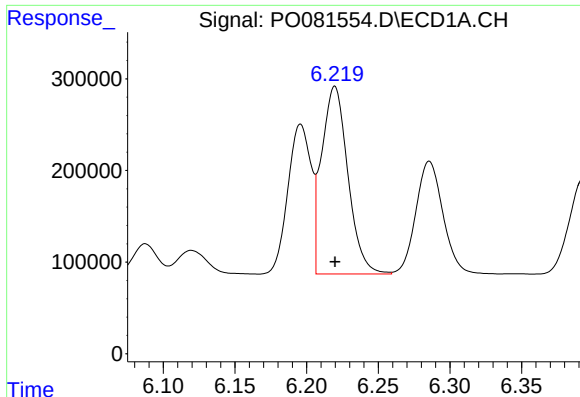
#16 AR-1242-1

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 1840958
Conc: 720.89 ng/ml



#16 AR-1242-1

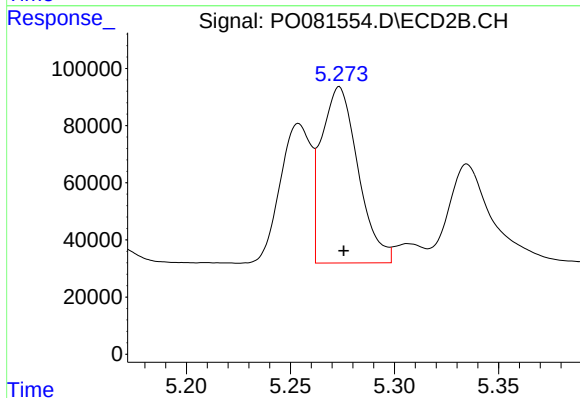
R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 504278
Conc: 687.41 ng/ml



#17 AR-1242-2

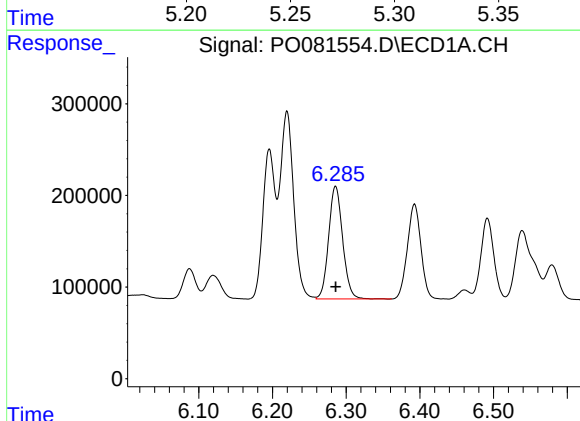
R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 2618184
Conc: 729.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



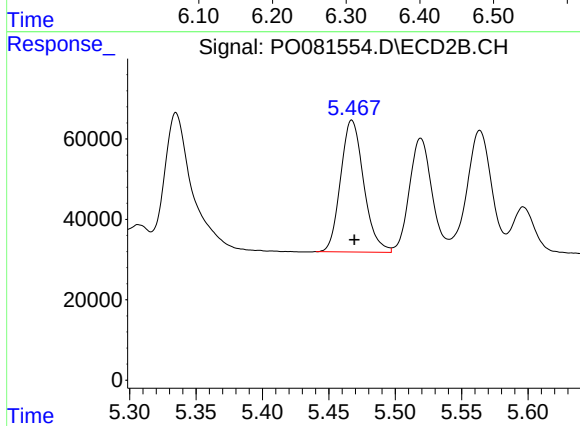
#17 AR-1242-2

R.T.: 5.273 min
Delta R.T.: -0.002 min
Response: 755713
Conc: 686.37 ng/ml



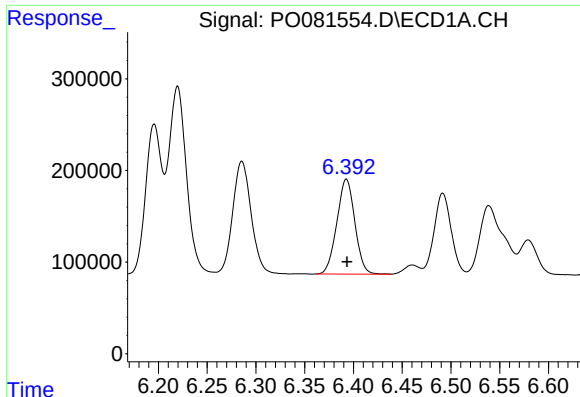
#18 AR-1242-3

R.T.: 6.286 min
Delta R.T.: 0.000 min
Response: 1624885
Conc: 712.05 ng/ml



#18 AR-1242-3

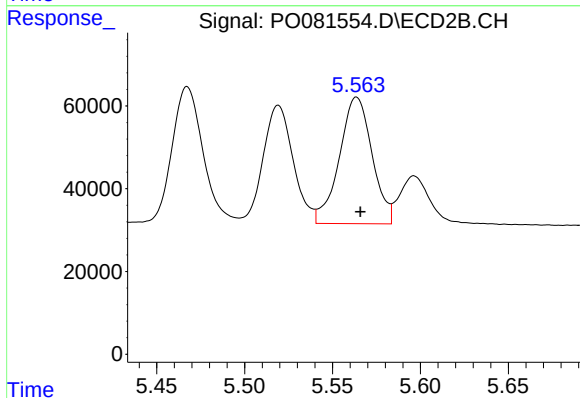
R.T.: 5.467 min
Delta R.T.: -0.002 min
Response: 398046
Conc: 710.04 ng/ml



#19 AR-1242-4

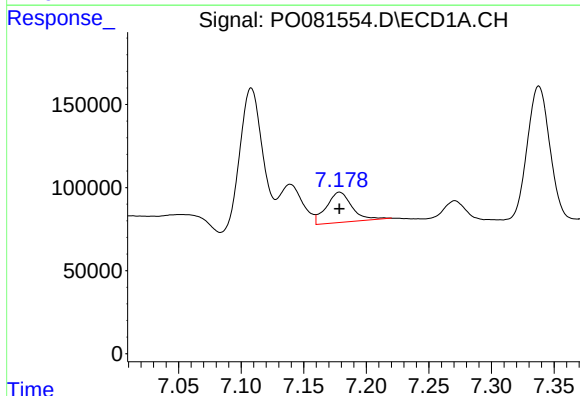
R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 1333309
Conc: 734.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



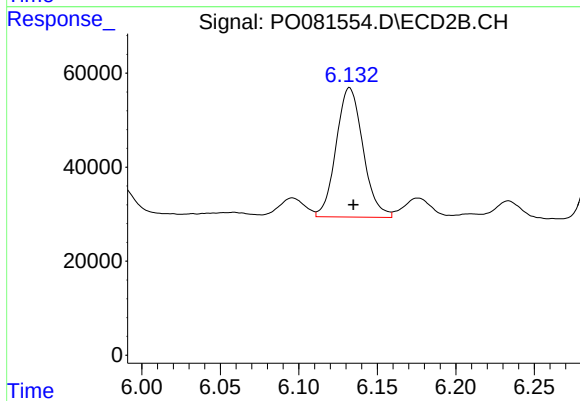
#19 AR-1242-4

R.T.: 5.564 min
Delta R.T.: -0.002 min
Response: 396830
Conc: 691.10 ng/ml



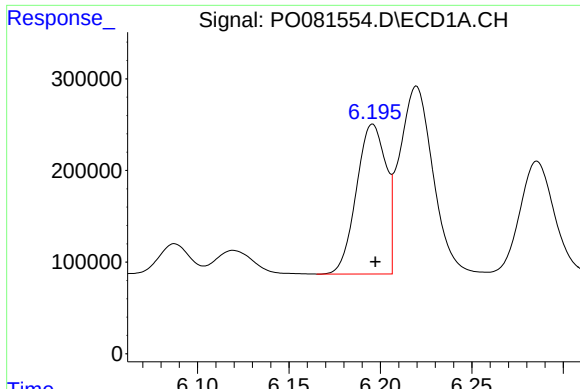
#20 AR-1242-5

R.T.: 7.179 min
Delta R.T.: 0.000 min
Response: 259182
Conc: 131.43 ng/ml



#20 AR-1242-5

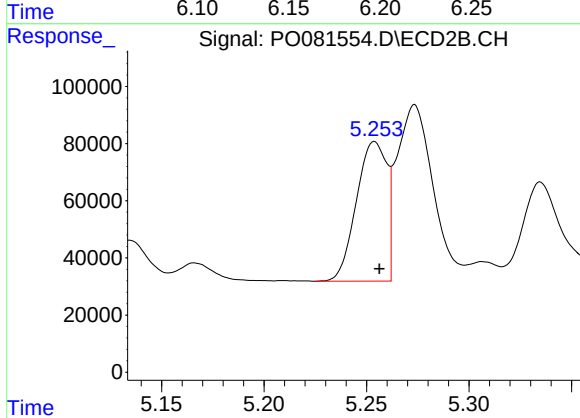
R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 328178
Conc: 439.17 ng/ml



#21 AR-1248-1

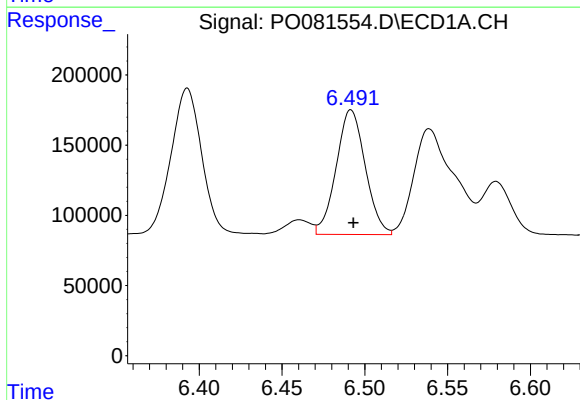
R.T.: 6.196 min
Delta R.T.: -0.001 min
Response: 1840958
Conc: 914.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



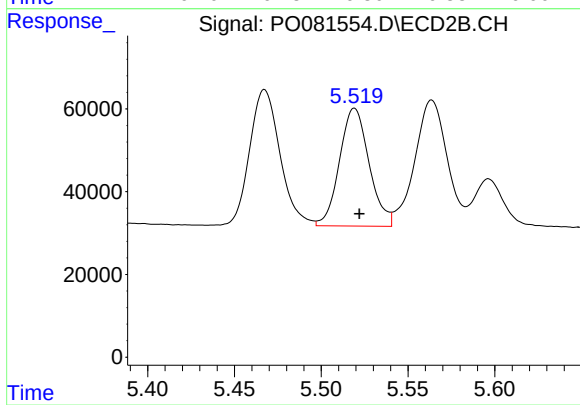
#21 AR-1248-1

R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 504278
Conc: 842.62 ng/ml



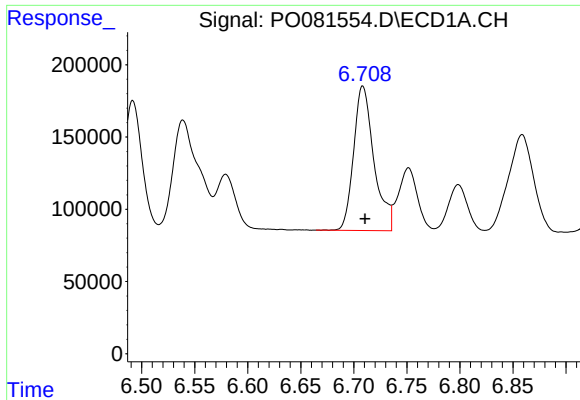
#22 AR-1248-2

R.T.: 6.492 min
Delta R.T.: -0.001 min
Response: 1086174
Conc: 411.82 ng/ml



#22 AR-1248-2

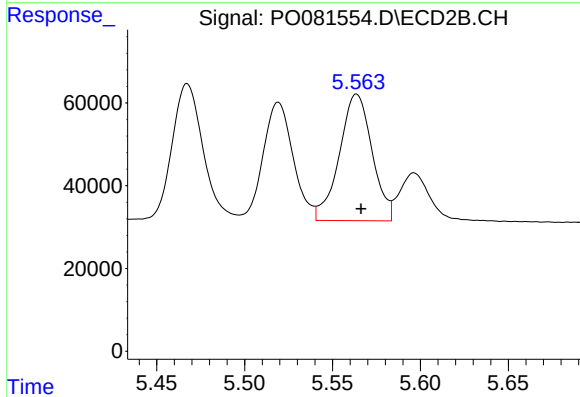
R.T.: 5.519 min
Delta R.T.: -0.003 min
Response: 338585
Conc: 381.56 ng/ml



#23 AR-1248-3

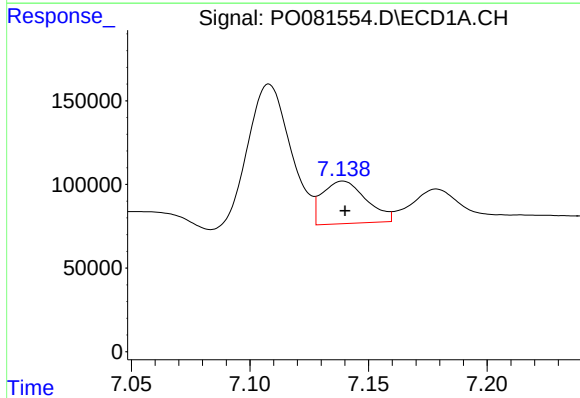
R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 1335250
Conc: 426.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



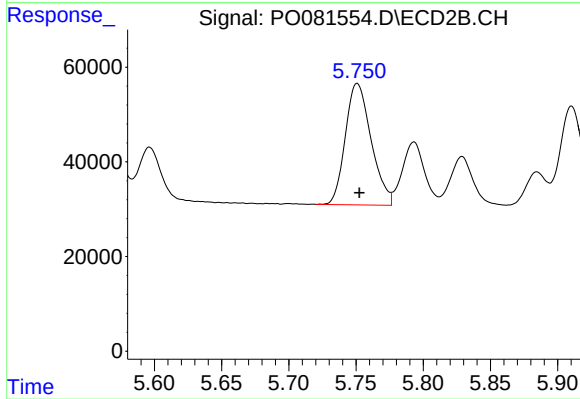
#23 AR-1248-3

R.T.: 5.564 min
Delta R.T.: -0.003 min
Response: 396830
Conc: 453.90 ng/ml



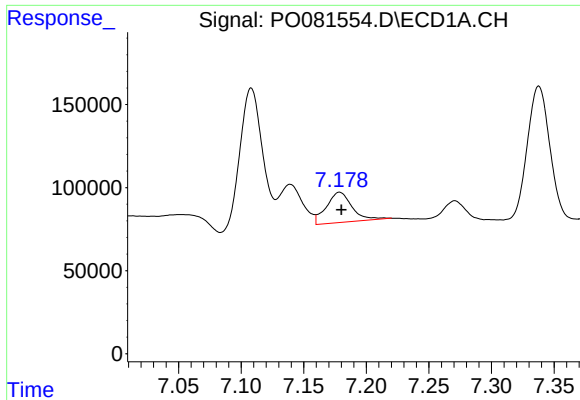
#24 AR-1248-4

R.T.: 7.139 min
Delta R.T.: 0.000 min
Response: 328790
Conc: 95.46 ng/ml



#24 AR-1248-4

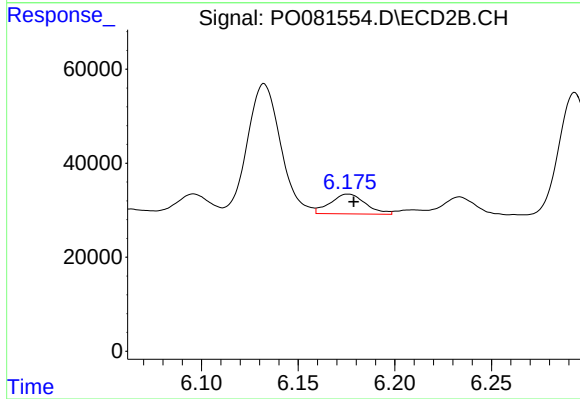
R.T.: 5.751 min
Delta R.T.: -0.002 min
Response: 342844
Conc: 337.43 ng/ml



#25 AR-1248-5

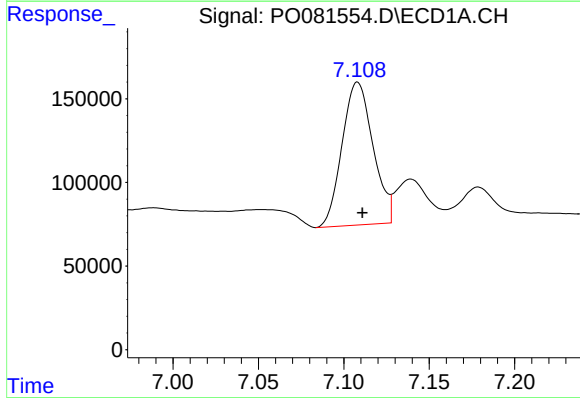
R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 259182
Conc: 76.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



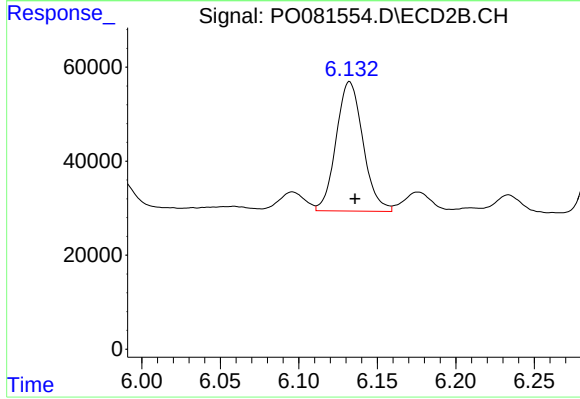
#25 AR-1248-5

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 53702
Conc: 55.64 ng/ml



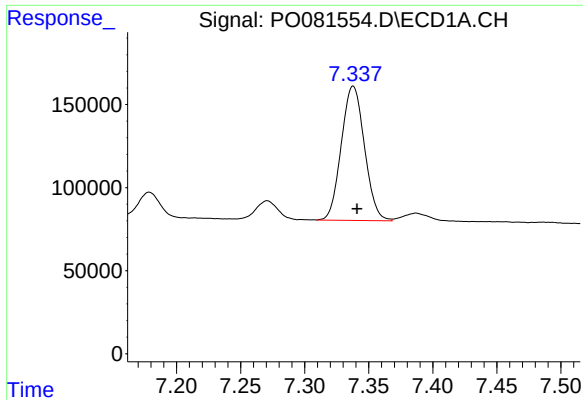
#26 AR-1254-1

R.T.: 7.108 min
Delta R.T.: -0.003 min
Response: 1077057
Conc: 300.39 ng/ml



#26 AR-1254-1

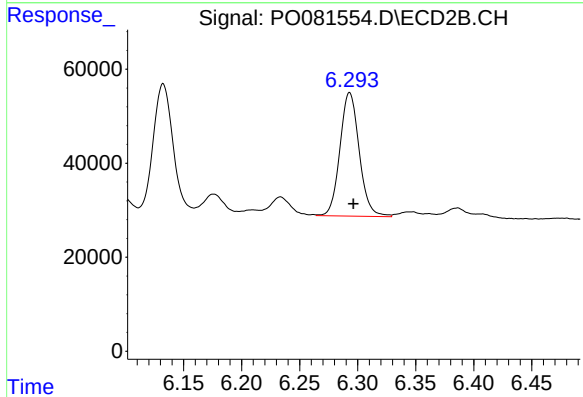
R.T.: 6.132 min
Delta R.T.: -0.003 min
Response: 328178
Conc: 214.32 ng/ml



#27 AR-1254-2

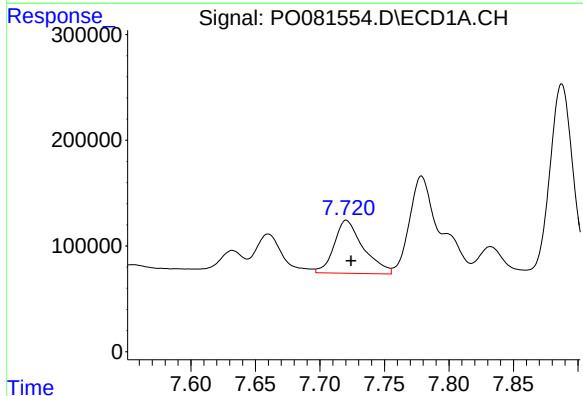
R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 1015612
Conc: 184.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



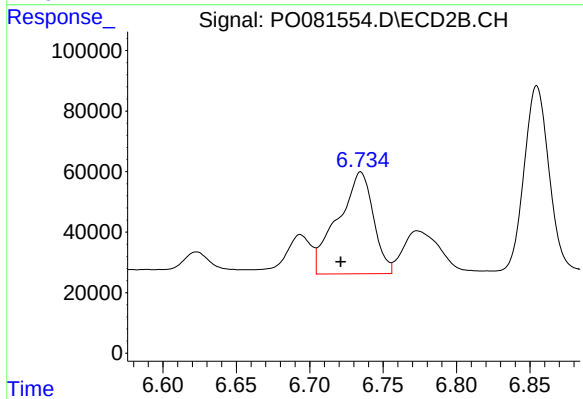
#27 AR-1254-2

R.T.: 6.293 min
Delta R.T.: -0.003 min
Response: 303953
Conc: 223.41 ng/ml



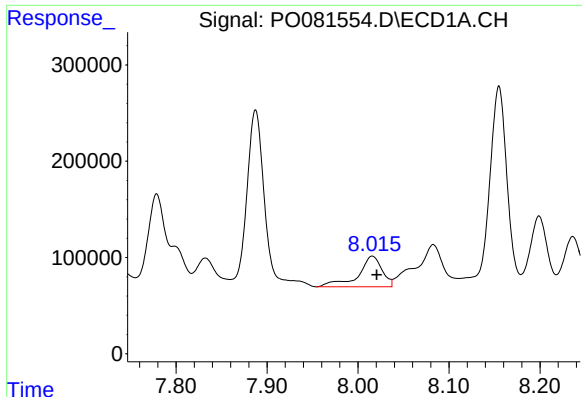
#28 AR-1254-3

R.T.: 7.720 min
Delta R.T.: -0.004 min
Response: 788475
Conc: 139.74 ng/ml



#28 AR-1254-3

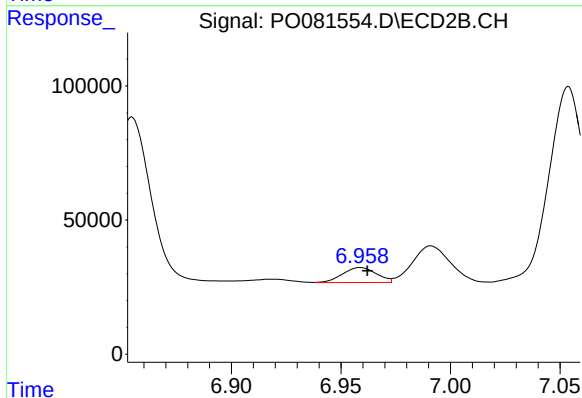
R.T.: 6.735 min
Delta R.T.: 0.014 min
Response: 565689
Conc: 284.38 ng/ml



#29 AR-1254-4

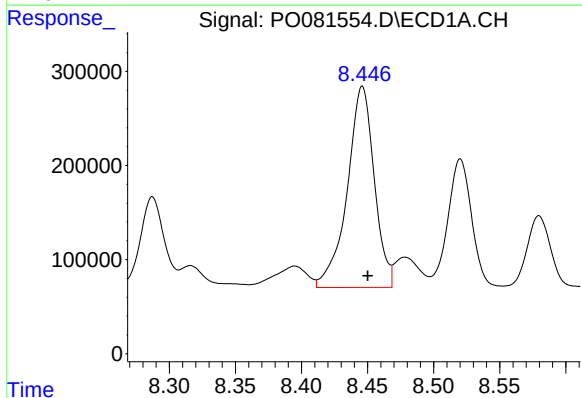
R.T.: 8.016 min
Delta R.T.: -0.005 min
Response: 580203
Conc: 141.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



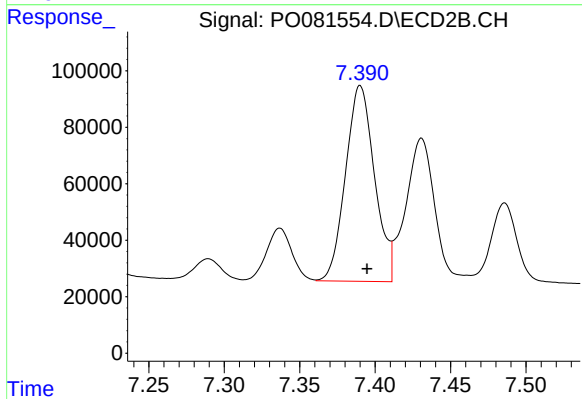
#29 AR-1254-4

R.T.: 6.959 min
Delta R.T.: -0.003 min
Response: 59454
Conc: 47.62 ng/ml



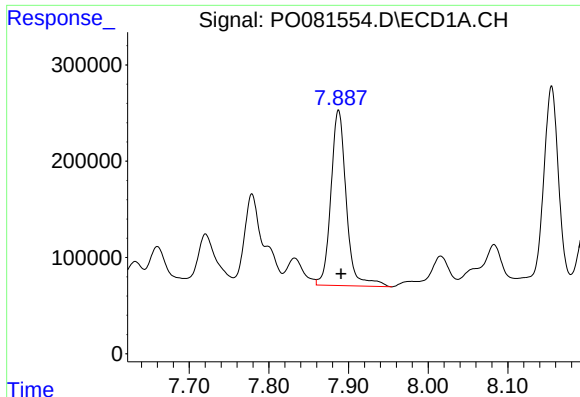
#30 AR-1254-5

R.T.: 8.446 min
Delta R.T.: -0.004 min
Response: 3043146
Conc: 660.21 ng/ml



#30 AR-1254-5

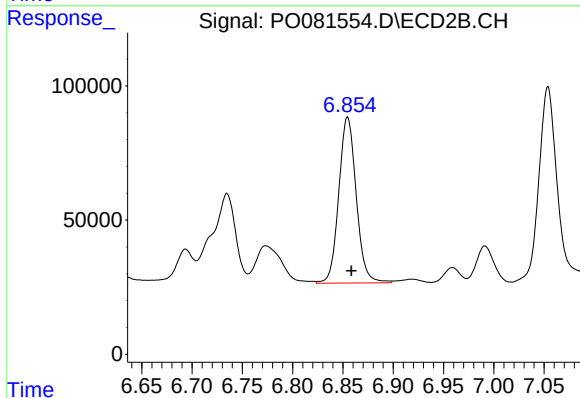
R.T.: 7.390 min
Delta R.T.: -0.004 min
Response: 927441
Conc: 496.11 ng/ml



#31 AR-1260-1

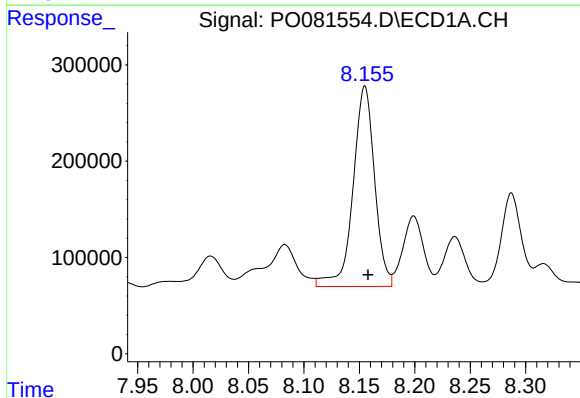
R.T.: 7.887 min
Delta R.T.: -0.003 min
Response: 2444791
Conc: 578.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



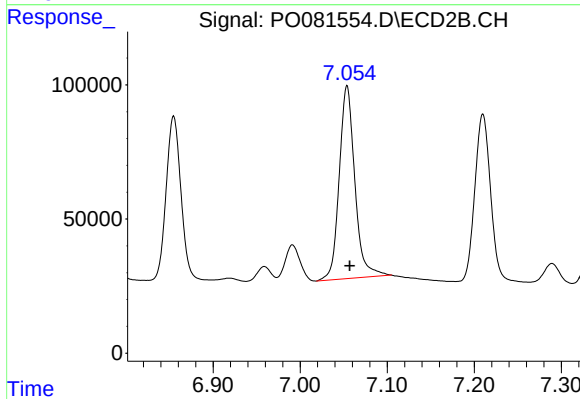
#31 AR-1260-1

R.T.: 6.855 min
Delta R.T.: -0.004 min
Response: 748870
Conc: 536.44 ng/ml



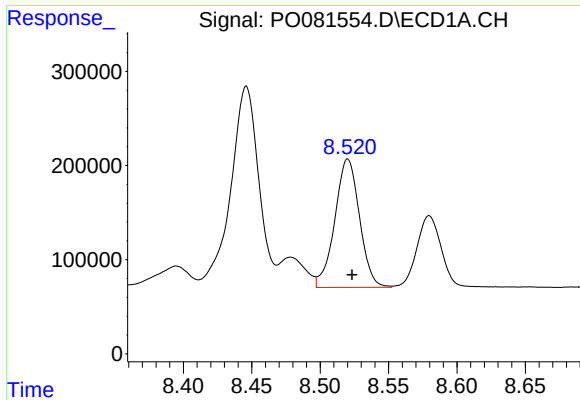
#32 AR-1260-2

R.T.: 8.155 min
Delta R.T.: -0.003 min
Response: 2814107
Conc: 542.17 ng/ml



#32 AR-1260-2

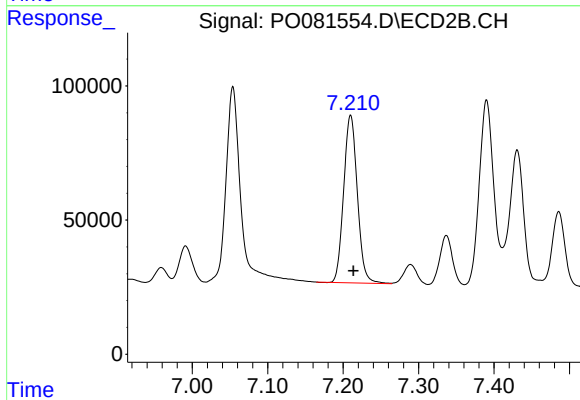
R.T.: 7.054 min
Delta R.T.: -0.003 min
Response: 895173
Conc: 547.73 ng/ml



#33 AR-1260-3

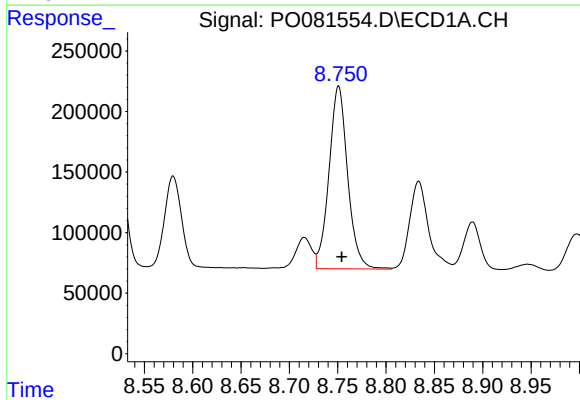
R.T.: 8.520 min
Delta R.T.: -0.003 min
Response: 1713303
Conc: 528.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



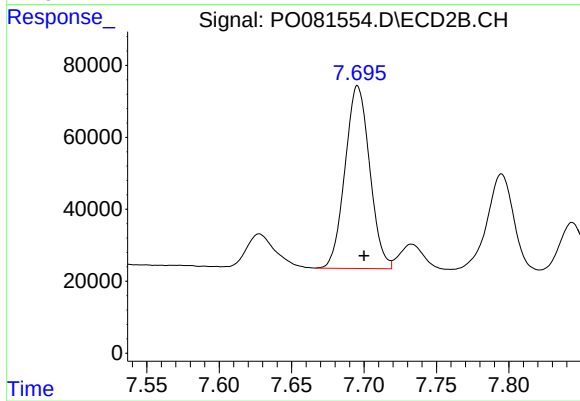
#33 AR-1260-3

R.T.: 7.210 min
Delta R.T.: -0.004 min
Response: 787134
Conc: 473.35 ng/ml



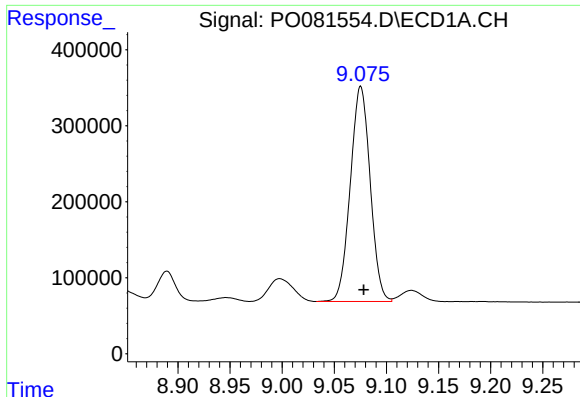
#34 AR-1260-4

R.T.: 8.751 min
Delta R.T.: -0.003 min
Response: 2027748
Conc: 508.71 ng/ml



#34 AR-1260-4

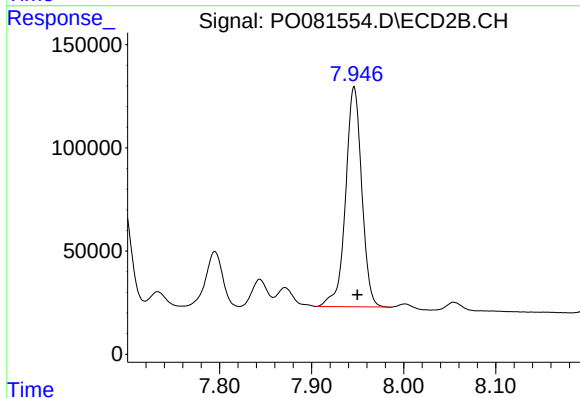
R.T.: 7.696 min
Delta R.T.: -0.004 min
Response: 601822
Conc: 541.47 ng/ml



#35 AR-1260-5

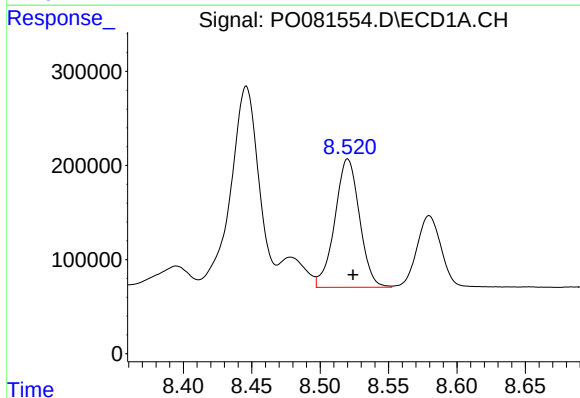
R.T.: 9.075 min
Delta R.T.: -0.003 min
Response: 3757751
Conc: 507.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



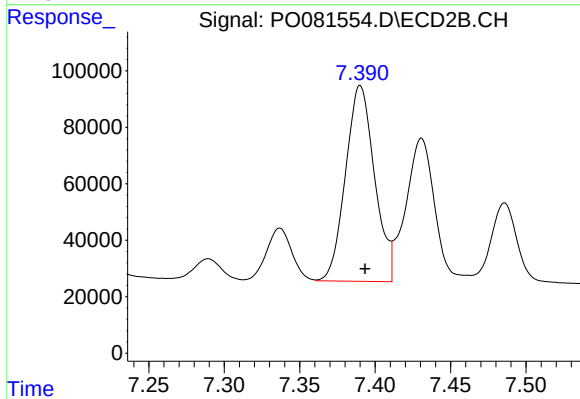
#35 AR-1260-5

R.T.: 7.946 min
Delta R.T.: -0.004 min
Response: 1302702
Conc: 527.49 ng/ml



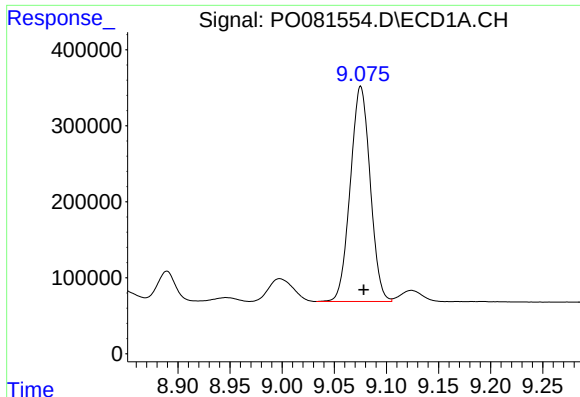
#36 AR-1262-1

R.T.: 8.520 min
Delta R.T.: -0.004 min
Response: 1713303
Conc: 330.54 ng/ml



#36 AR-1262-1

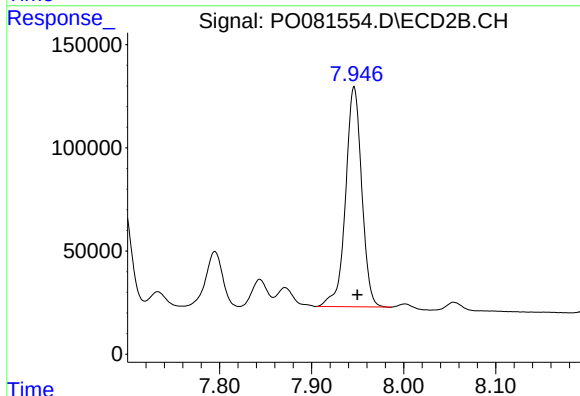
R.T.: 7.390 min
Delta R.T.: -0.003 min
Response: 927441
Conc: 931.77 ng/ml



#37 AR-1262-2

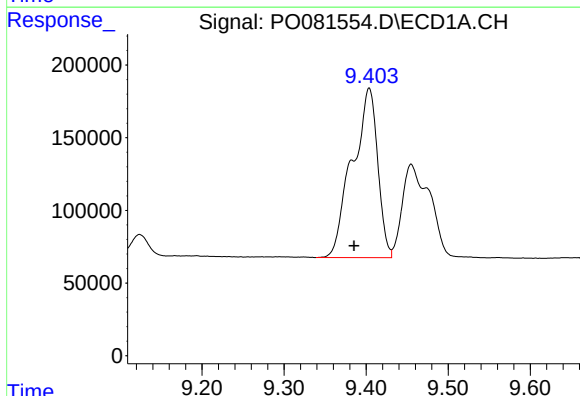
R.T.: 9.075 min
Delta R.T.: -0.003 min
Response: 3757751
Conc: 421.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



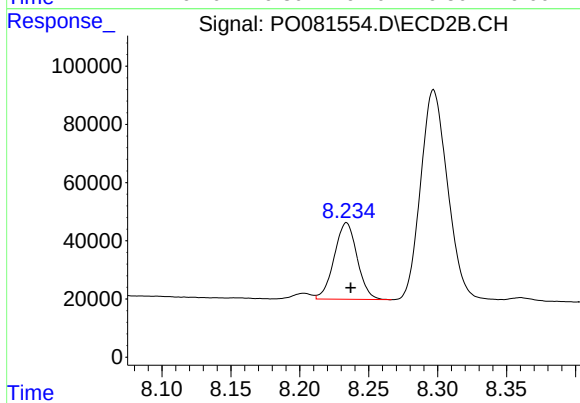
#37 AR-1262-2

R.T.: 7.946 min
Delta R.T.: -0.004 min
Response: 1302702
Conc: 425.21 ng/ml



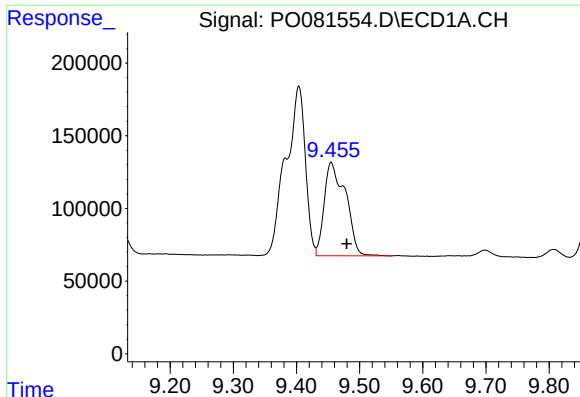
#38 AR-1262-3

R.T.: 9.404 min
Delta R.T.: 0.018 min
Response: 2507105
Conc: 624.95 ng/ml



#38 AR-1262-3

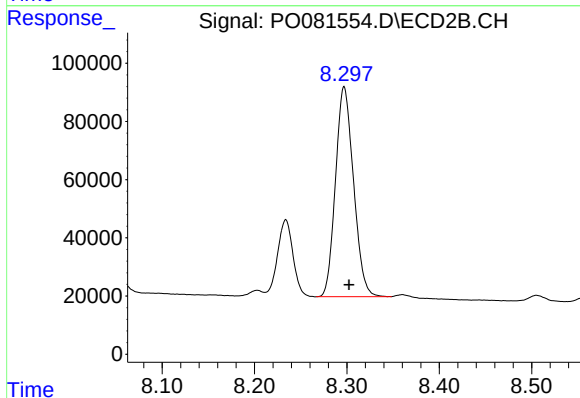
R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 304682
Conc: 227.66 ng/ml



#39 AR-1262-4

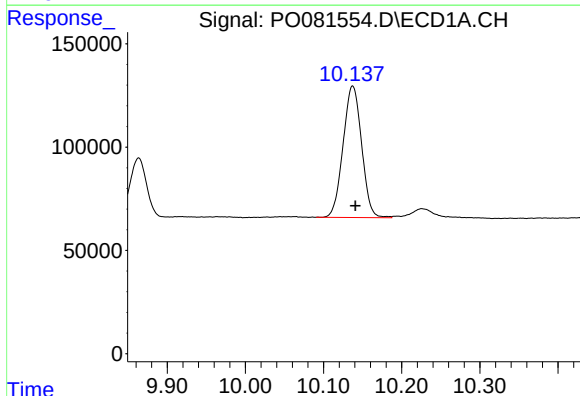
R.T.: 9.455 min
Delta R.T.: -0.025 min
Response: 1507734
Conc: 616.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



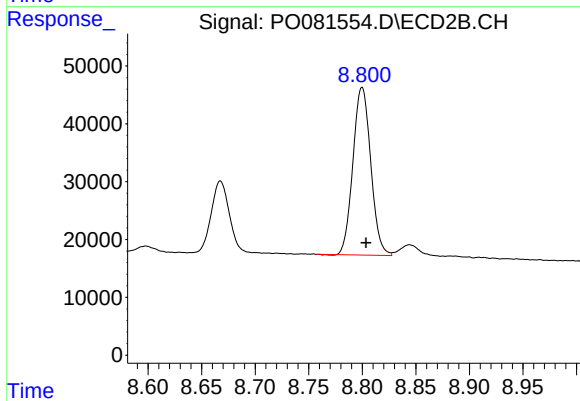
#39 AR-1262-4

R.T.: 8.297 min
Delta R.T.: -0.005 min
Response: 978493
Conc: 415.84 ng/ml



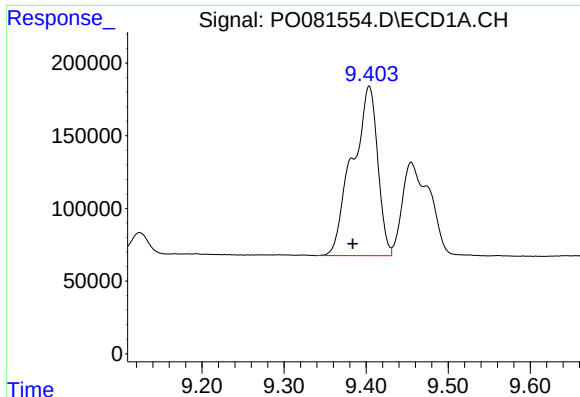
#40 AR-1262-5

R.T.: 10.137 min
Delta R.T.: -0.004 min
Response: 1049870
Conc: 308.11 ng/ml



#40 AR-1262-5

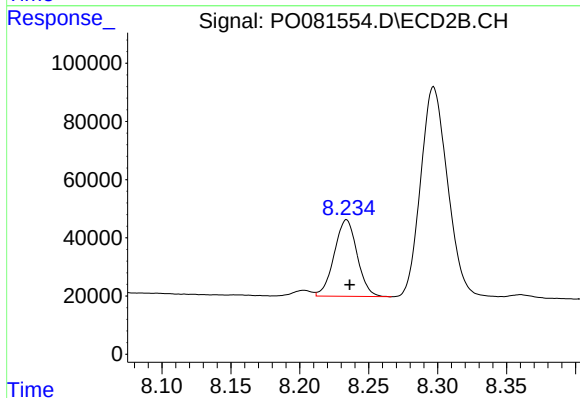
R.T.: 8.800 min
Delta R.T.: -0.004 min
Response: 335725
Conc: 295.23 ng/ml



#41 AR-1268-1

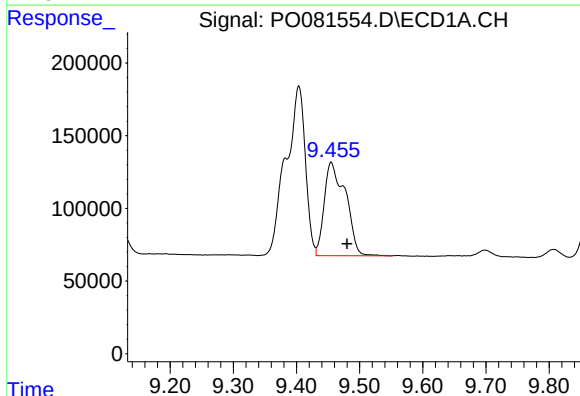
R.T.: 9.404 min
Delta R.T.: 0.020 min
Response: 2507105
Conc: 233.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



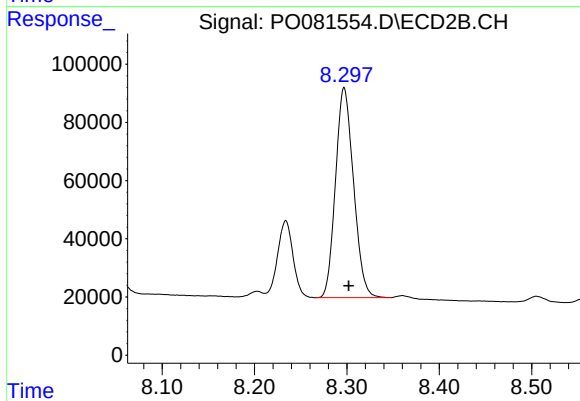
#41 AR-1268-1

R.T.: 8.234 min
Delta R.T.: -0.002 min
Response: 304682
Conc: 79.45 ng/ml



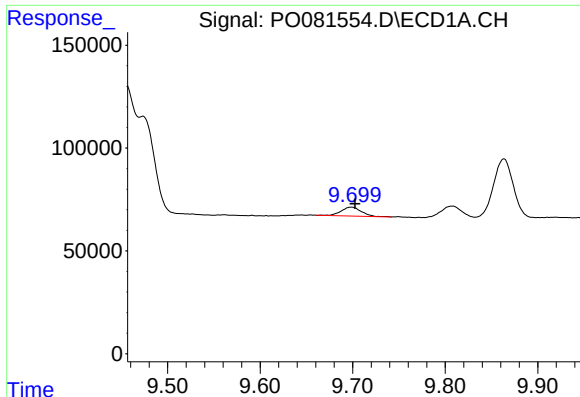
#42 AR-1268-2

R.T.: 9.455 min
Delta R.T.: -0.025 min
Response: 1507734
Conc: 149.20 ng/ml



#42 AR-1268-2

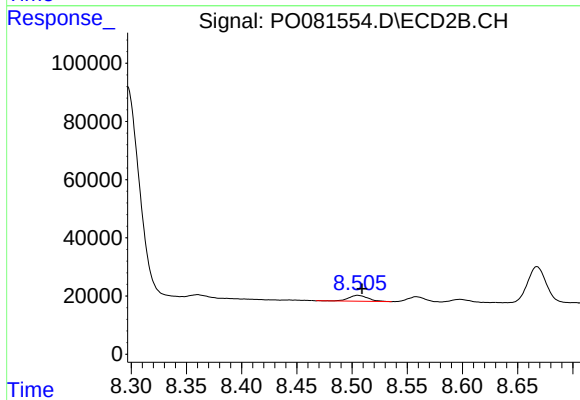
R.T.: 8.297 min
Delta R.T.: -0.005 min
Response: 978493
Conc: 280.99 ng/ml



#43 AR-1268-3

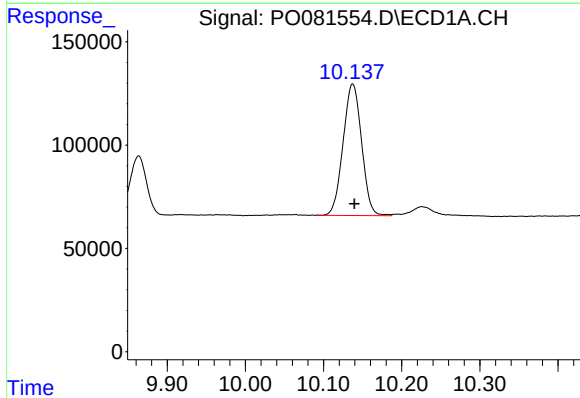
R.T.: 9.699 min
Delta R.T.: -0.004 min
Response: 65933
Conc: 7.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



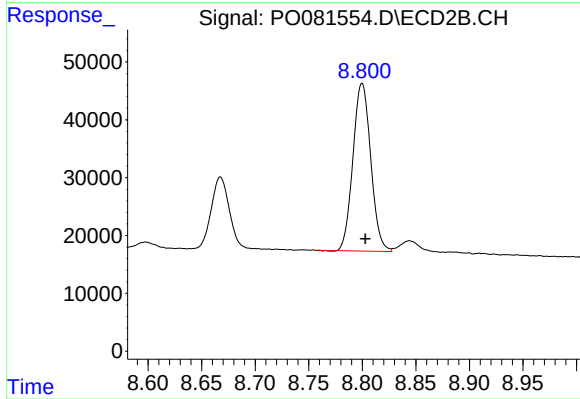
#43 AR-1268-3

R.T.: 8.505 min
Delta R.T.: -0.004 min
Response: 24525
Conc: 7.81 ng/ml



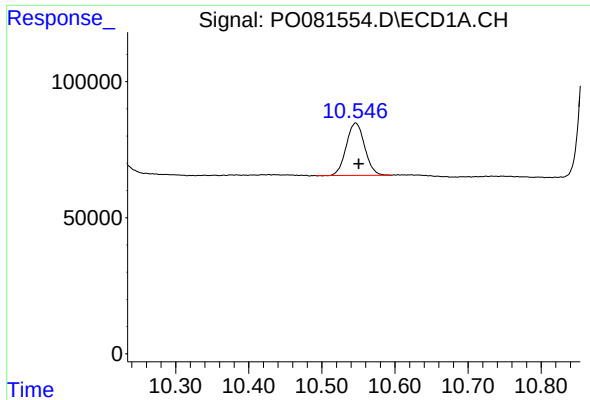
#44 AR-1268-4

R.T.: 10.137 min
Delta R.T.: -0.002 min
Response: 1049870
Conc: 273.42 ng/ml



#44 AR-1268-4

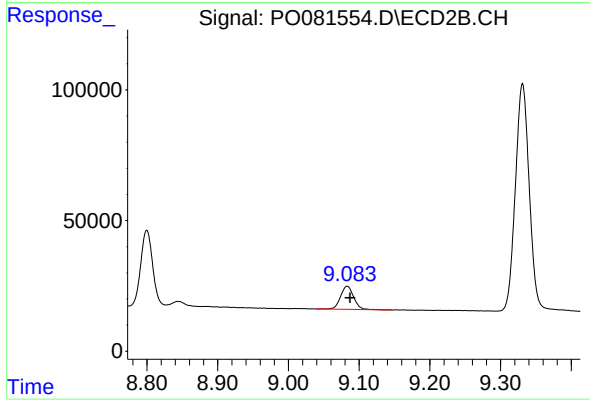
R.T.: 8.800 min
Delta R.T.: -0.003 min
Response: 335725
Conc: 260.36 ng/ml



#45 AR-1268-5

R.T.: 10.546 min
Delta R.T.: -0.004 min
Response: 337578
Conc: 11.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.083 min
Delta R.T.: -0.004 min
Response: 114373
Conc: 12.72 ng/ml