

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031320\
 Data File : P0067222.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Mar 2020 16:45
 Operator : DD\AJ
 Sample : AR1260CCC500
 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: Mar 13 17:02:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 11 15:01:31 2020
 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...	4.110	3.397	1809807	2161684	57.898	55.243
2)	SA Decachlor...	9.570	8.272	1667281	2157242	45.900	44.305
Target Compounds							
3)	L1 AR-1016-1	5.256	4.448	664035	728443	565.092	535.225
4)	L1 AR-1016-2	5.277	4.465	1014202	1333353	572.341	528.230
5)	L1 AR-1016-3	5.338	4.637	589900	608397	571.507	522.284
6)	L1 AR-1016-4	5.435	4.679	491886	530721	553.945	532.361
7)	L1 AR-1016-5	5.725	4.886	490224	669215	570.273	553.583
8)	L2 AR-1221-1	4.314	3.602	62617	76781	201.167	185.888
9)	L2 AR-1221-2	4.404	3.687	84277	104765	361.024	342.316
10)	L2 AR-1221-3	4.478	3.759	324303	418639	423.288	418.069
11)	L3 AR-1232-1	4.478	3.759	324303	418639	578.419	555.905
12)	L3 AR-1232-2	4.993	4.465	476241	1333353	1598.770	1531.693
13)	L3 AR-1232-3	5.277	4.637	1014202	608397	1696.219	1575.251
14)	L3 AR-1232-4	5.435	4.719	491886	628739	1658.236	1747.820
15)	L3 AR-1232-5	5.524	4.886	390828	669215	1843.416	1769.827
16)	L4 AR-1242-1	5.256	4.448	664035	728443	907.402	853.544
17)	L4 AR-1242-2	5.277	4.465	1014202	1333353	913.085	853.044
18)	L4 AR-1242-3	5.338	4.637	589900	608397	899.984	839.914
19)	L4 AR-1242-4	5.435	4.719	491886	628739	887.886	853.989
20)	L4 AR-1242-5	6.161	5.231	196682	528967	289.625	550.083 #
21)	L5 AR-1248-1	5.256	4.448	664035	728443	1182.413	1077.351
22)	L5 AR-1248-2	5.524	4.679	390828	530721	510.646	514.693
23)	L5 AR-1248-3	5.725	4.719	490224	628739	535.530	594.996
24)	L5 AR-1248-4	6.123	4.886	150750	669215	131.046	533.880 #
25)	L5 AR-1248-5	6.161	5.271	196682	111543	172.949	88.479 #
26)	L6 AR-1254-1	6.094	5.231	399661	528967	334.625	256.611
27)	L6 AR-1254-2	6.310	5.377	459334	500255	238.954	272.220
28)	L6 AR-1254-3	6.673	5.786	237526	921083	117.913	306.071 #
29)	L6 AR-1254-4	6.955	6.002	147690	138314	86.743	76.545
30)	L6 AR-1254-5	7.369	6.411	1415279	1664629	803.434	586.339 #
31)	L7 AR-1260-1	6.833	5.900	941767	1293278	530.817	539.132
32)	L7 AR-1260-2	7.089	6.089	1360471	1613468	520.737	534.708
33)	L7 AR-1260-3	7.443	6.238	1145188	1473633	520.375	530.311
34)	L7 AR-1260-4	7.667	6.703	1016674	1211522	497.933	493.600
35)	L7 AR-1260-5	7.971	6.947	2382305	2790545	497.059	477.974
36)	L8 AR-1262-1	7.443	6.411	1145188	1664629	429.204	1166.555 #
37)	L8 AR-1262-2	7.971	6.947	2382305	2790545	547.653	540.789
38)	L8 AR-1262-3	8.266	7.224	1357438	668763	486.062	312.163 #
39)	L8 AR-1262-4	8.317	7.288	872393	2089467	412.338	527.471 #
40)	L8 AR-1262-5	8.919	7.782	608225	755097	433.430	408.317
41)	L9 AR-1268-1	8.266	7.224	1357438	668763	235.478	101.567 #

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 Acq On : 13 Mar 2020 16:45
 Operator : DD\AJ
 Sample : AR1260CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

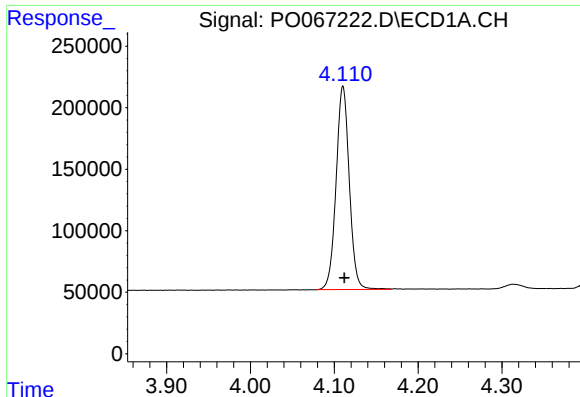
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 17:02:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 11 15:01:31 2020
 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
42) L9	AR-1268-2	8.317	7.288	872393	2089467	178.396	343.518 #
43) L9	AR-1268-3	8.534	7.488	41089	37543	9.796	7.439
44) L9	AR-1268-4	8.919	7.782	608225	755097	360.350	333.557
45) L9	AR-1268-5	9.280	8.050	140766	213305	11.217	13.209

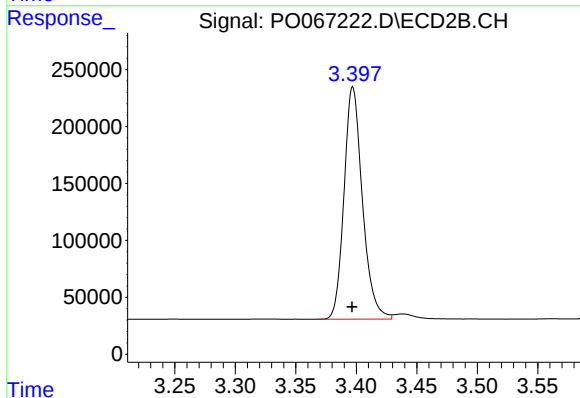
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

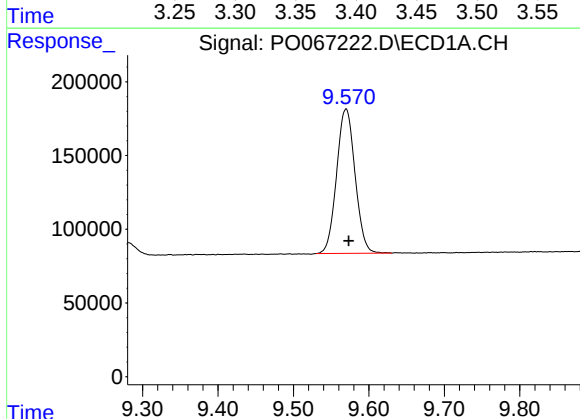
R.T.: 4.110 min
Delta R.T.: -0.002 min
Response: 1809807
Conc: 57.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



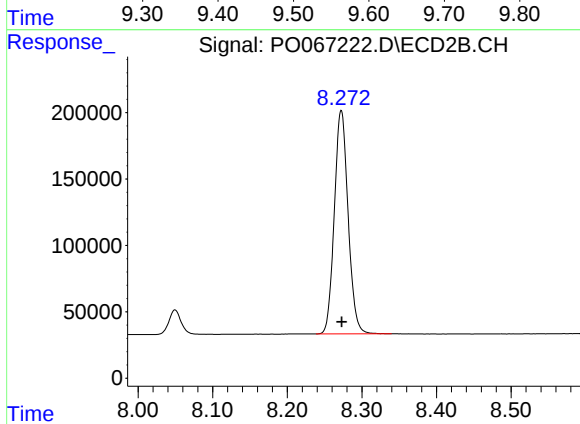
#1 Tetrachloro-m-xylene

R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 2161684
Conc: 55.24 ng/ml



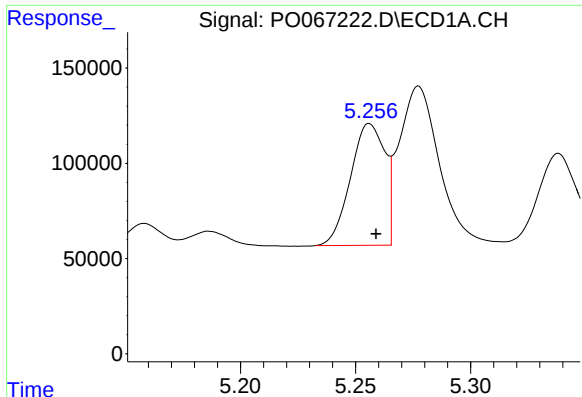
#2 Decachlorobiphenyl

R.T.: 9.570 min
Delta R.T.: -0.003 min
Response: 1667281
Conc: 45.90 ng/ml



#2 Decachlorobiphenyl

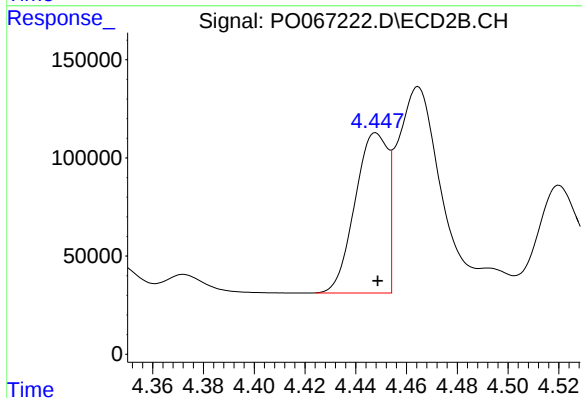
R.T.: 8.272 min
Delta R.T.: 0.000 min
Response: 2157242
Conc: 44.31 ng/ml



#3 AR-1016-1

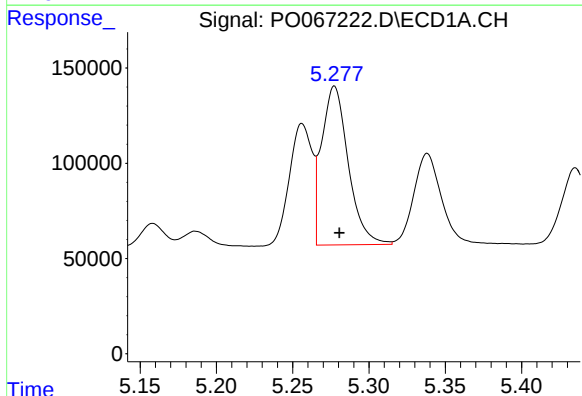
R.T.: 5.256 min
Delta R.T.: -0.003 min
Response: 664035
Conc: 565.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



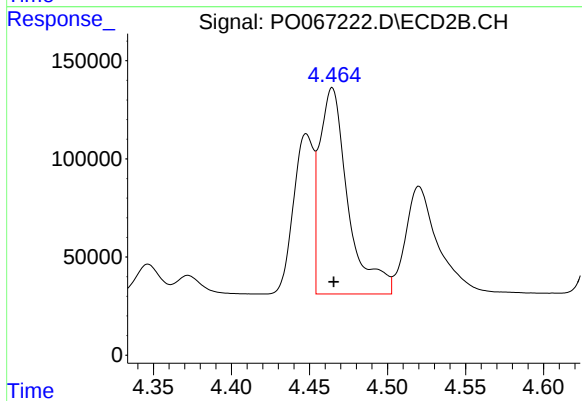
#3 AR-1016-1

R.T.: 4.448 min
Delta R.T.: 0.000 min
Response: 728443
Conc: 535.22 ng/ml



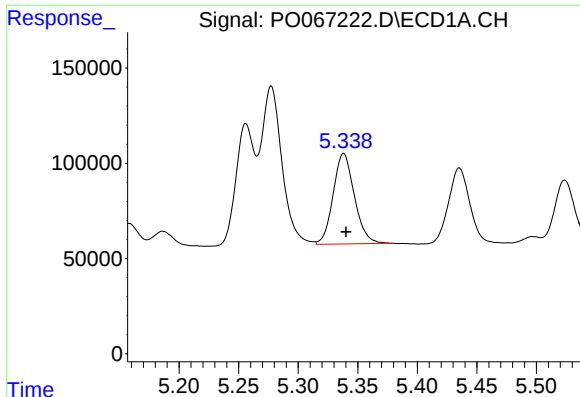
#4 AR-1016-2

R.T.: 5.277 min
Delta R.T.: -0.003 min
Response: 1014202
Conc: 572.34 ng/ml



#4 AR-1016-2

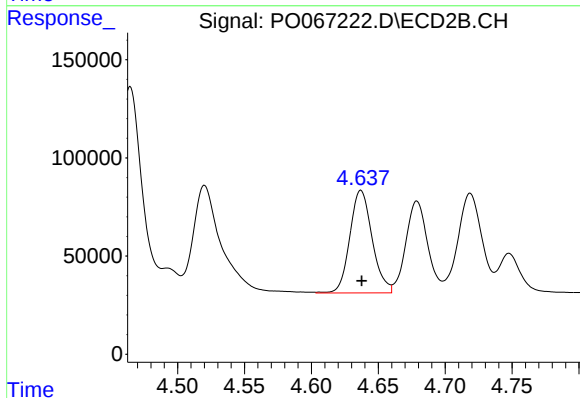
R.T.: 4.465 min
Delta R.T.: -0.001 min
Response: 1333353
Conc: 528.23 ng/ml



#5 AR-1016-3

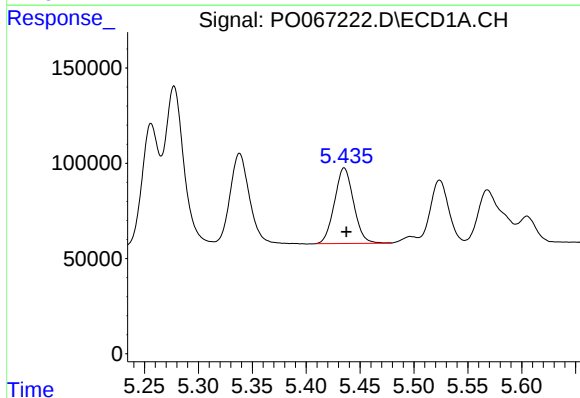
R.T.: 5.338 min
Delta R.T.: -0.002 min
Response: 589900
Conc: 571.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



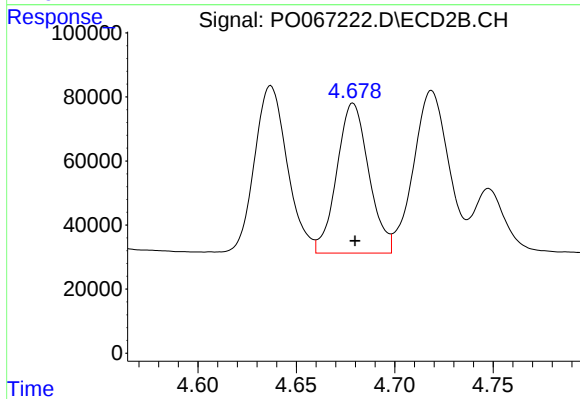
#5 AR-1016-3

R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 608397
Conc: 522.28 ng/ml



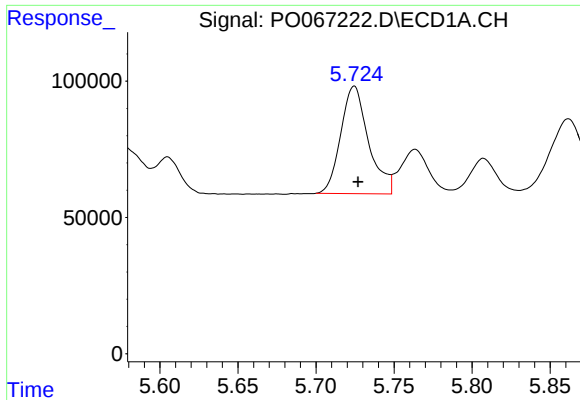
#6 AR-1016-4

R.T.: 5.435 min
Delta R.T.: -0.002 min
Response: 491886
Conc: 553.95 ng/ml



#6 AR-1016-4

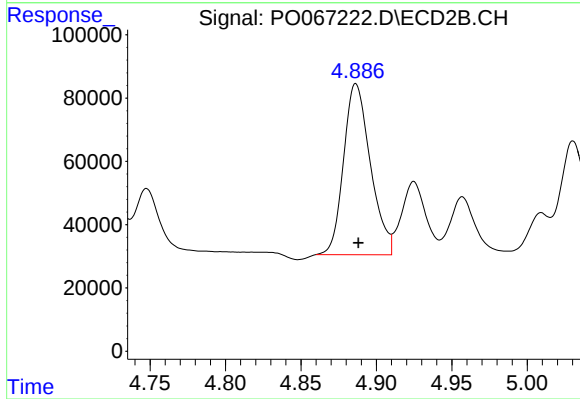
R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 530721
Conc: 532.36 ng/ml



#7 AR-1016-5

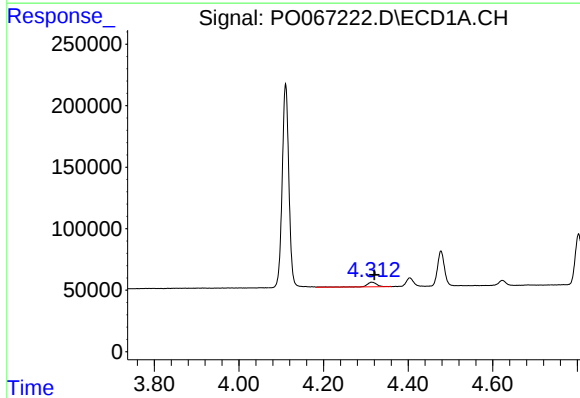
R.T.: 5.725 min
Delta R.T.: -0.002 min
Response: 490224
Conc: 570.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



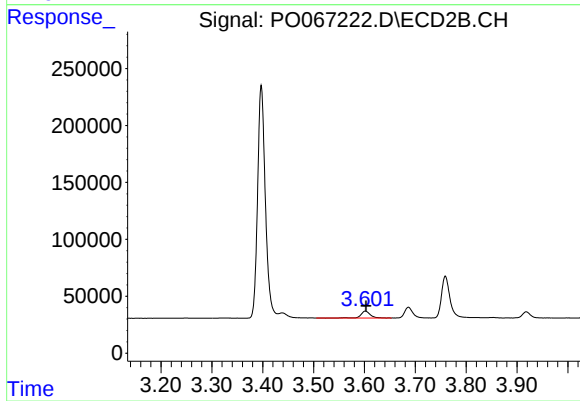
#7 AR-1016-5

R.T.: 4.886 min
Delta R.T.: -0.002 min
Response: 669215
Conc: 553.58 ng/ml



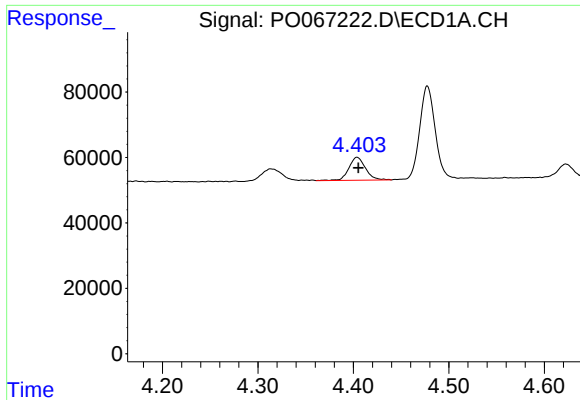
#8 AR-1221-1

R.T.: 4.314 min
Delta R.T.: -0.006 min
Response: 62617
Conc: 201.17 ng/ml



#8 AR-1221-1

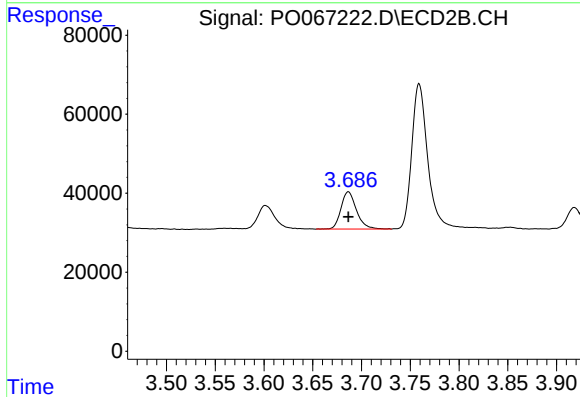
R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 76781
Conc: 185.89 ng/ml



#9 AR-1221-2

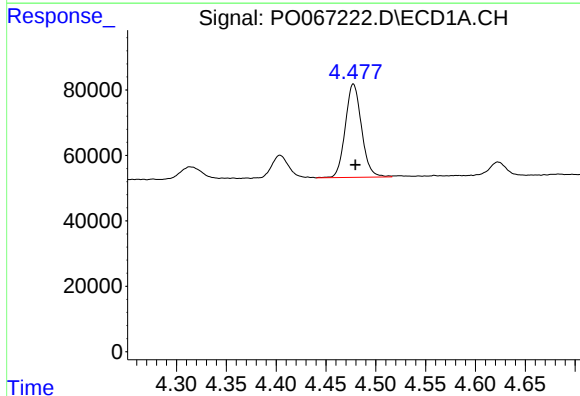
R.T.: 4.404 min
Delta R.T.: -0.001 min
Response: 84277
Conc: 361.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



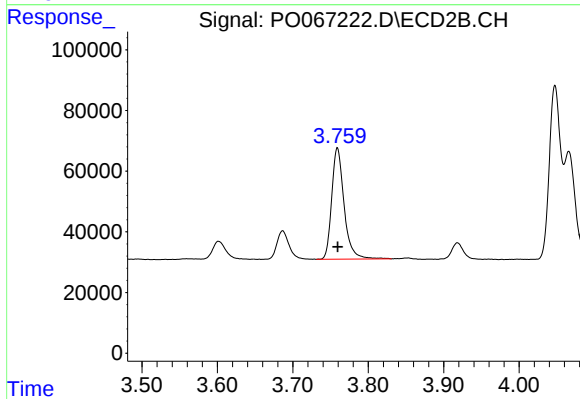
#9 AR-1221-2

R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 104765
Conc: 342.32 ng/ml



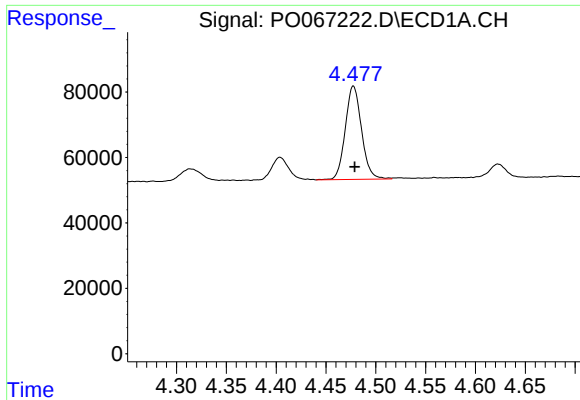
#10 AR-1221-3

R.T.: 4.478 min
Delta R.T.: -0.002 min
Response: 324303
Conc: 423.29 ng/ml



#10 AR-1221-3

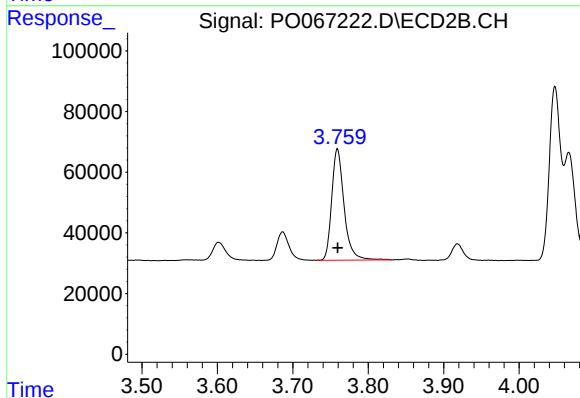
R.T.: 3.759 min
Delta R.T.: 0.000 min
Response: 418639
Conc: 418.07 ng/ml



#11 AR-1232-1

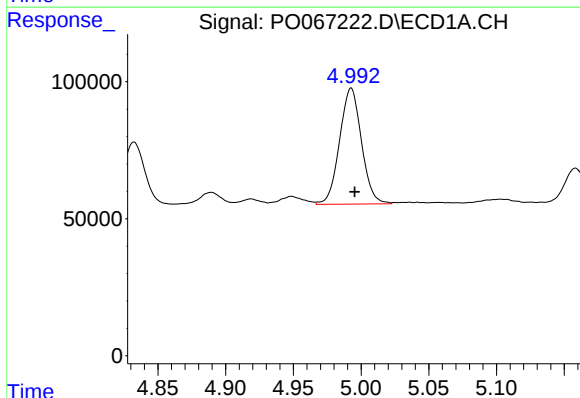
R.T.: 4.478 min
Delta R.T.: -0.001 min
Response: 324303
Conc: 578.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



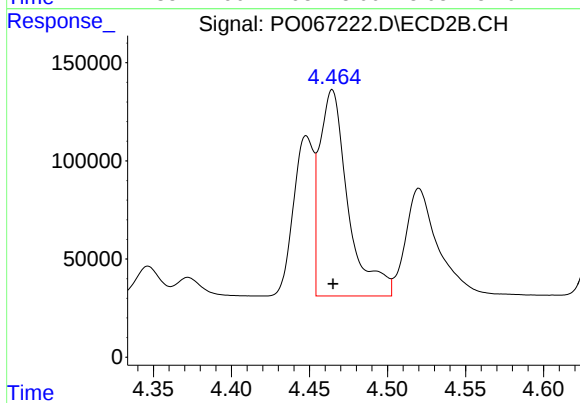
#11 AR-1232-1

R.T.: 3.759 min
Delta R.T.: 0.000 min
Response: 418639
Conc: 555.90 ng/ml



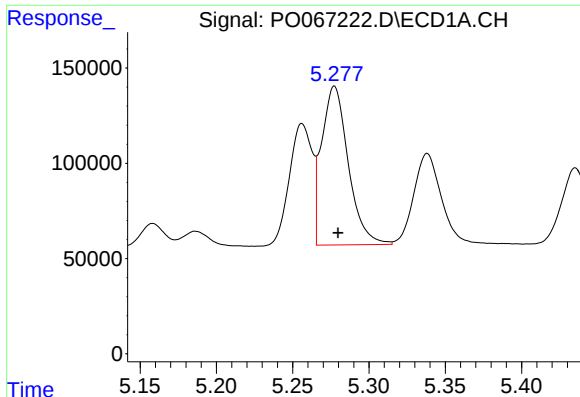
#12 AR-1232-2

R.T.: 4.993 min
Delta R.T.: -0.003 min
Response: 476241
Conc: 1598.77 ng/ml



#12 AR-1232-2

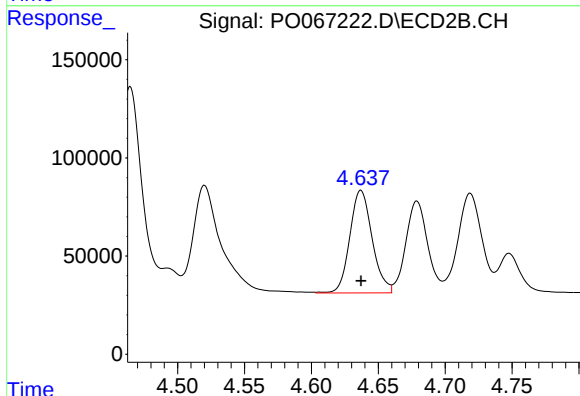
R.T.: 4.465 min
Delta R.T.: 0.000 min
Response: 1333353
Conc: 1531.69 ng/ml



#13 AR-1232-3

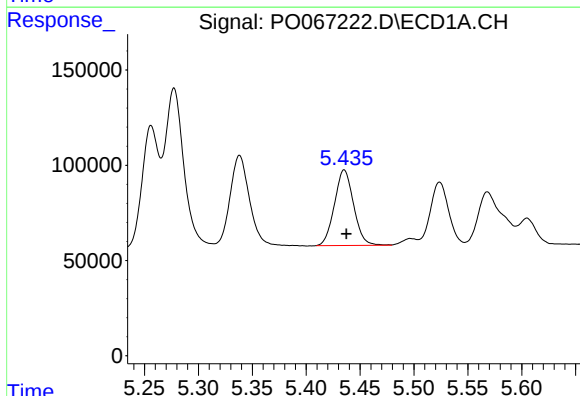
R.T.: 5.277 min
Delta R.T.: -0.002 min
Response: 1014202
Conc: 1696.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



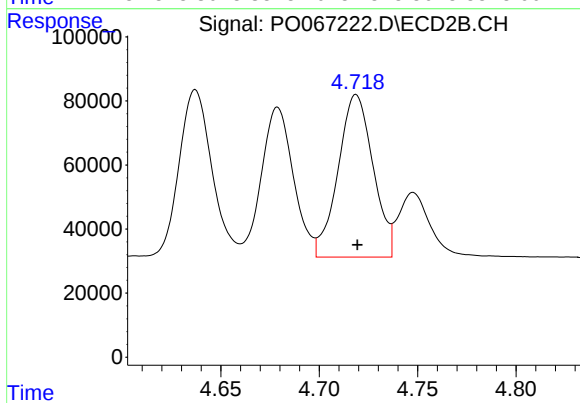
#13 AR-1232-3

R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 608397
Conc: 1575.25 ng/ml



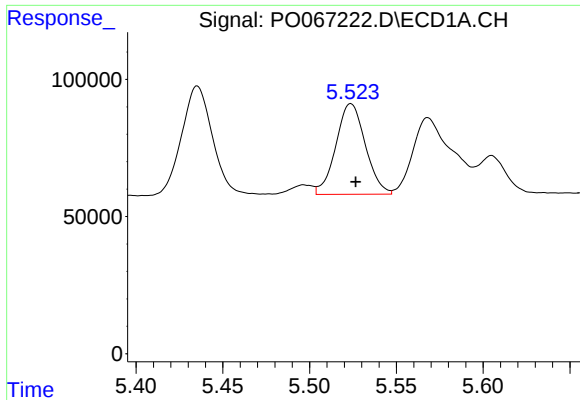
#14 AR-1232-4

R.T.: 5.435 min
Delta R.T.: -0.002 min
Response: 491886
Conc: 1658.24 ng/ml



#14 AR-1232-4

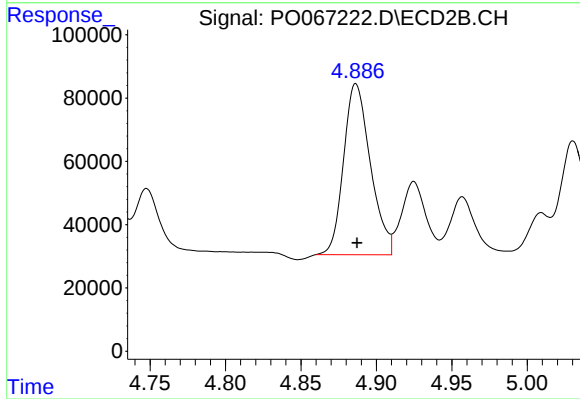
R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 628739
Conc: 1747.82 ng/ml



#15 AR-1232-5

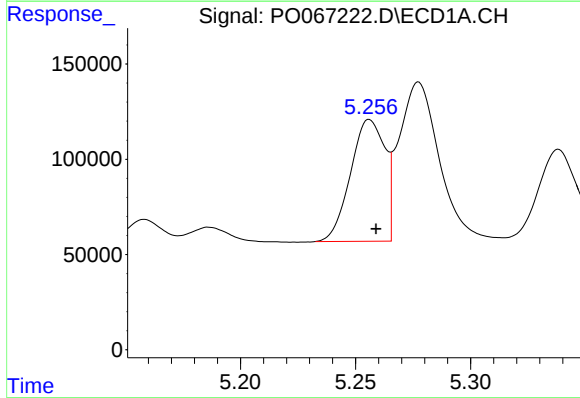
R.T.: 5.524 min
Delta R.T.: -0.003 min
Response: 390828
Conc: 1843.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



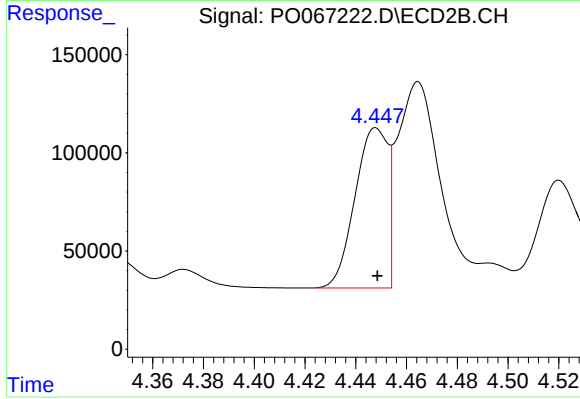
#15 AR-1232-5

R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 669215
Conc: 1769.83 ng/ml



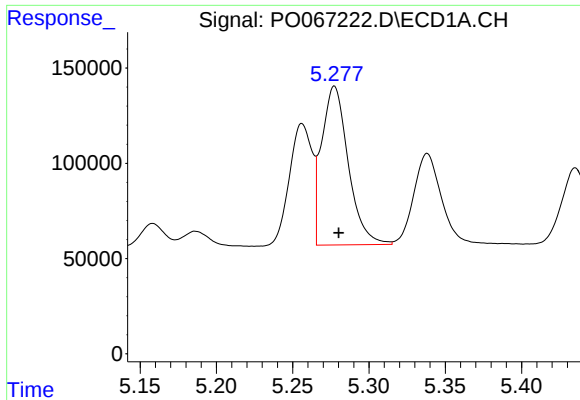
#16 AR-1242-1

R.T.: 5.256 min
Delta R.T.: -0.003 min
Response: 664035
Conc: 907.40 ng/ml



#16 AR-1242-1

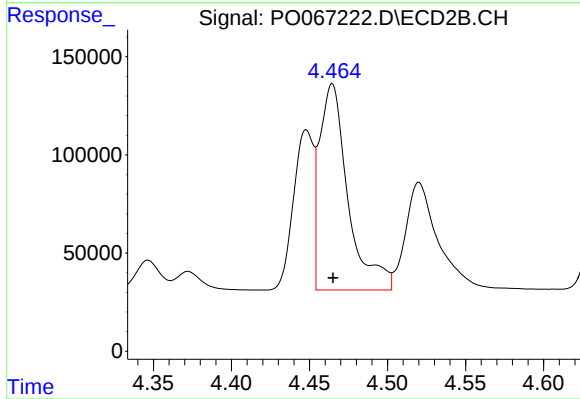
R.T.: 4.448 min
Delta R.T.: 0.000 min
Response: 728443
Conc: 853.54 ng/ml



#17 AR-1242-2

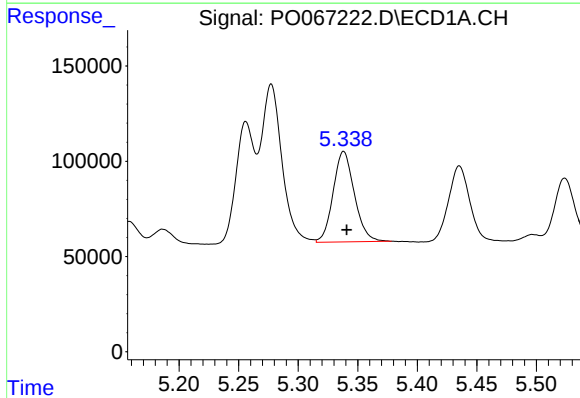
R.T.: 5.277 min
Delta R.T.: -0.003 min
Response: 1014202
Conc: 913.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



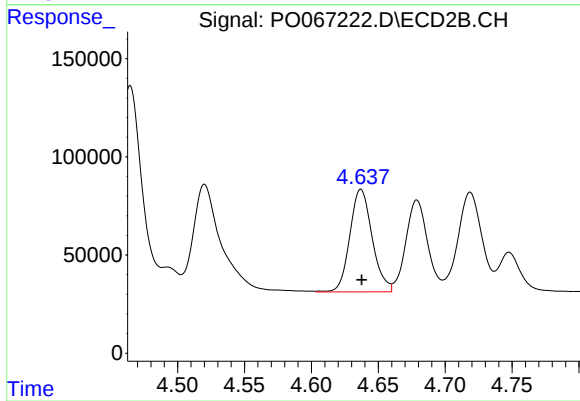
#17 AR-1242-2

R.T.: 4.465 min
Delta R.T.: 0.000 min
Response: 1333353
Conc: 853.04 ng/ml



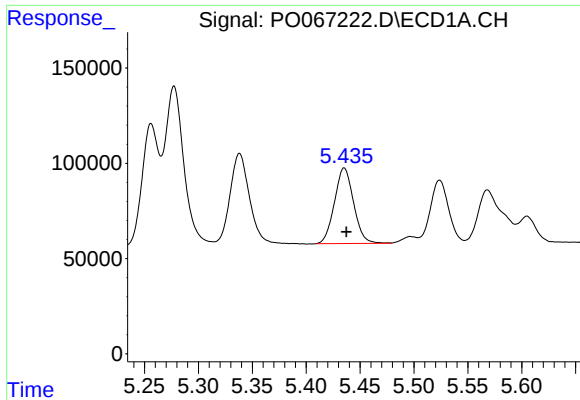
#18 AR-1242-3

R.T.: 5.338 min
Delta R.T.: -0.003 min
Response: 589900
Conc: 899.98 ng/ml



#18 AR-1242-3

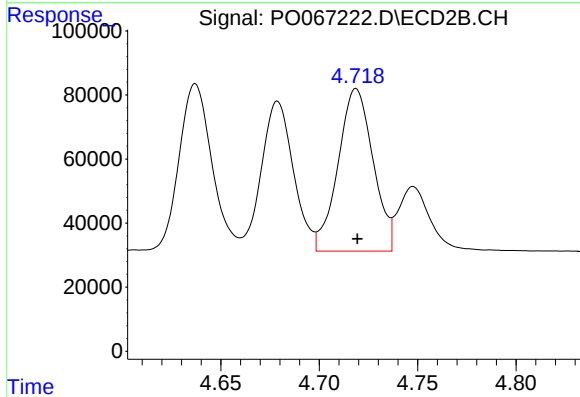
R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 608397
Conc: 839.91 ng/ml



#19 AR-1242-4

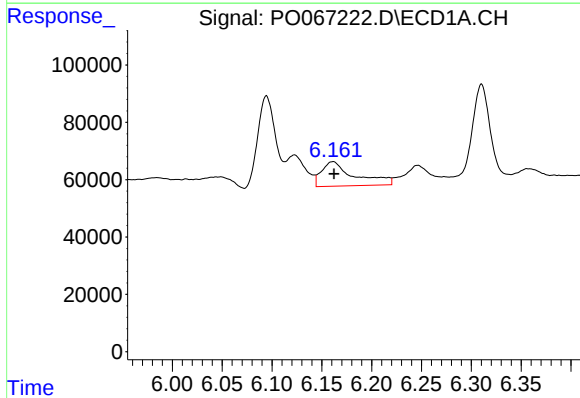
R.T.: 5.435 min
Delta R.T.: -0.002 min
Response: 491886
Conc: 887.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



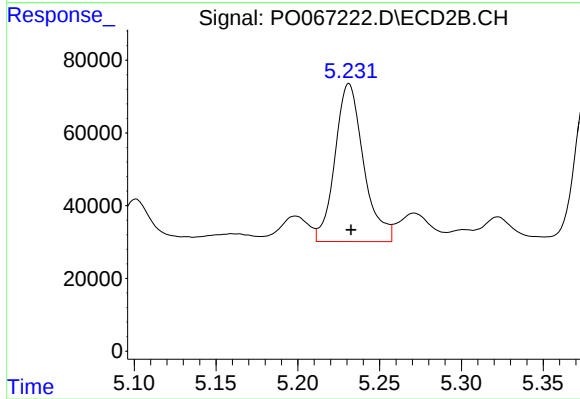
#19 AR-1242-4

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 628739
Conc: 853.99 ng/ml



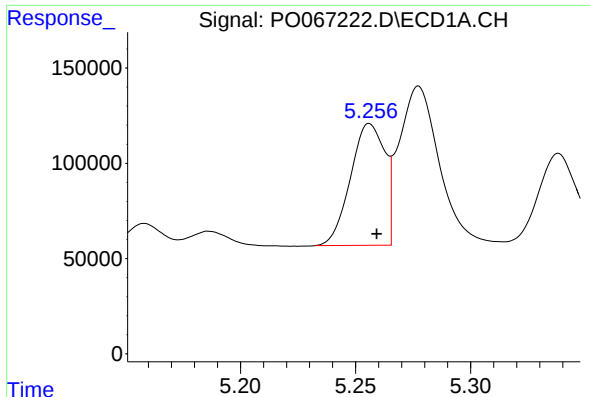
#20 AR-1242-5

R.T.: 6.161 min
Delta R.T.: -0.001 min
Response: 196682
Conc: 289.63 ng/ml



#20 AR-1242-5

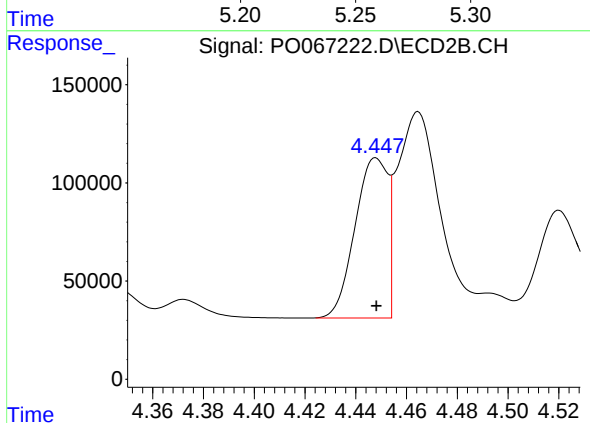
R.T.: 5.231 min
Delta R.T.: -0.001 min
Response: 528967
Conc: 550.08 ng/ml



#21 AR-1248-1

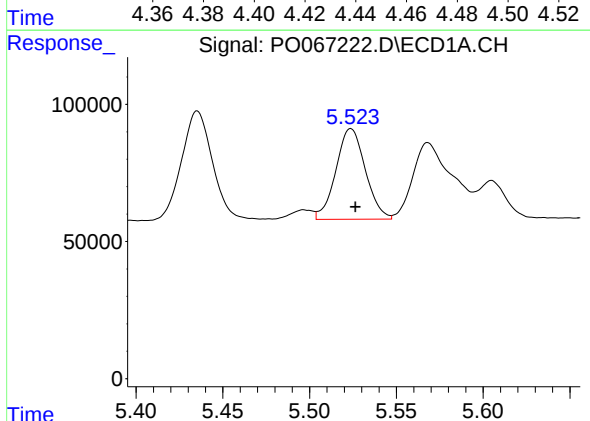
R.T.: 5.256 min
Delta R.T.: -0.003 min
Response: 664035
Conc: 1182.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



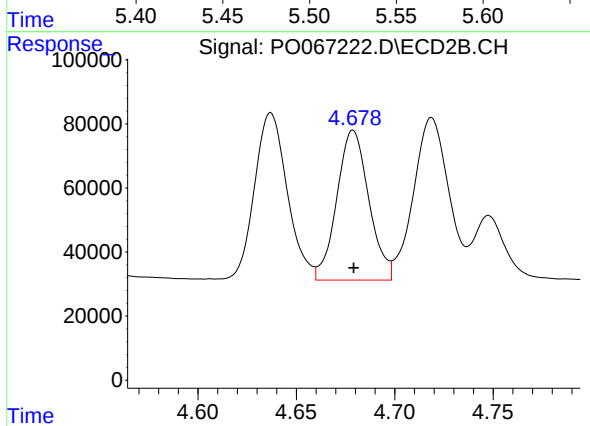
#21 AR-1248-1

R.T.: 4.448 min
Delta R.T.: 0.000 min
Response: 728443
Conc: 1077.35 ng/ml



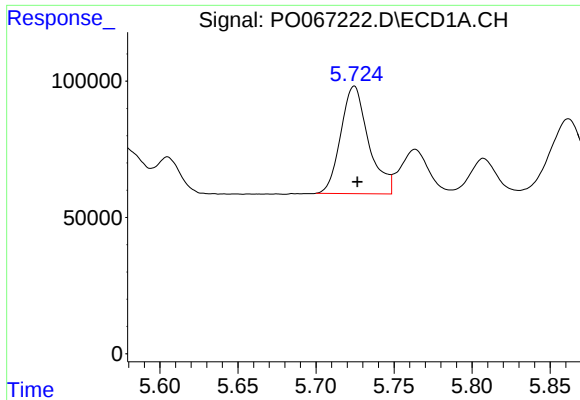
#22 AR-1248-2

R.T.: 5.524 min
Delta R.T.: -0.003 min
Response: 390828
Conc: 510.65 ng/ml



#22 AR-1248-2

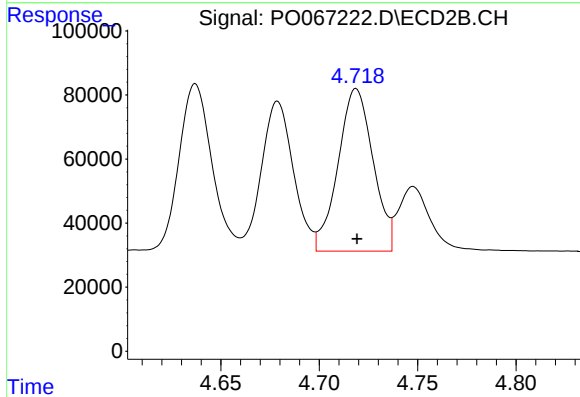
R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 530721
Conc: 514.69 ng/ml



#23 AR-1248-3

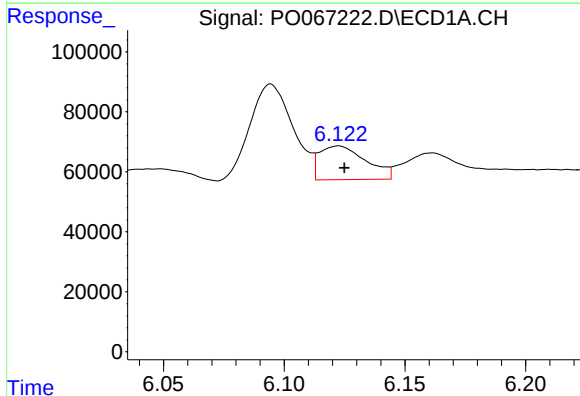
R.T.: 5.725 min
Delta R.T.: -0.002 min
Response: 490224
Conc: 535.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



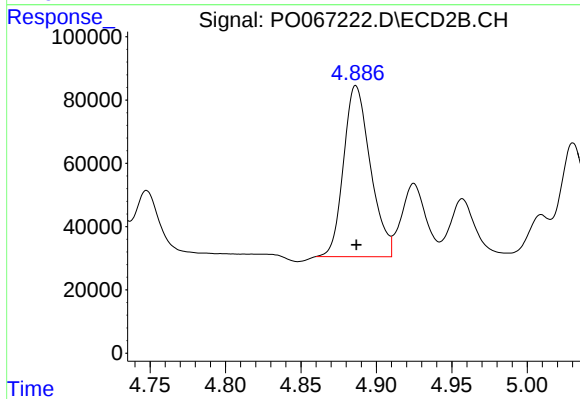
#23 AR-1248-3

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 628739
Conc: 595.00 ng/ml



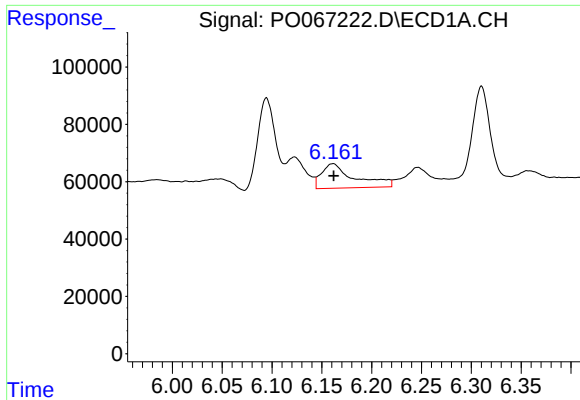
#24 AR-1248-4

R.T.: 6.123 min
Delta R.T.: -0.002 min
Response: 150750
Conc: 131.05 ng/ml



#24 AR-1248-4

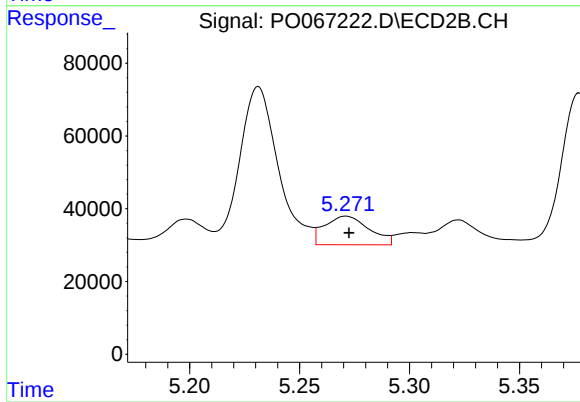
R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 669215
Conc: 533.88 ng/ml



#25 AR-1248-5

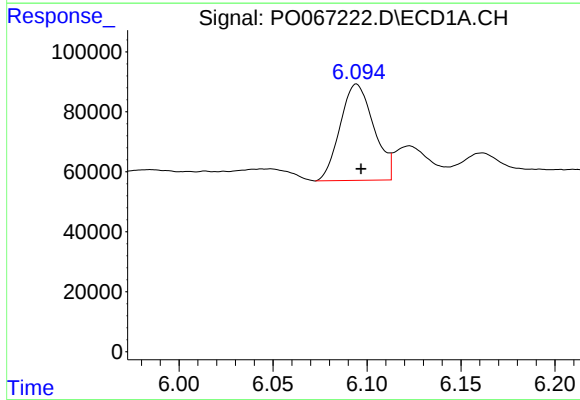
R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 196682
Conc: 172.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



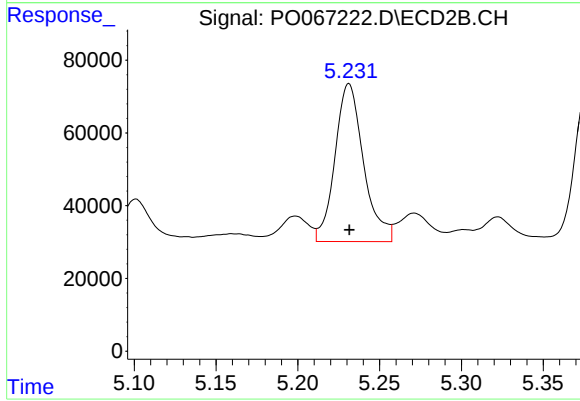
#25 AR-1248-5

R.T.: 5.271 min
Delta R.T.: -0.001 min
Response: 111543
Conc: 88.48 ng/ml



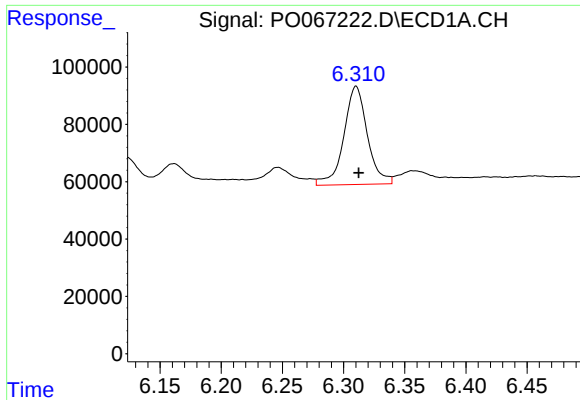
#26 AR-1254-1

R.T.: 6.094 min
Delta R.T.: -0.002 min
Response: 399661
Conc: 334.63 ng/ml



#26 AR-1254-1

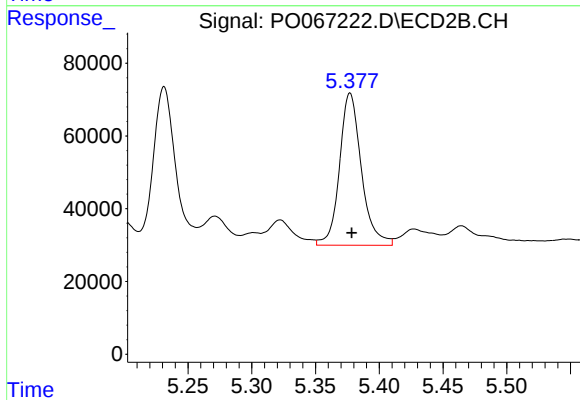
R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 528967
Conc: 256.61 ng/ml



#27 AR-1254-2

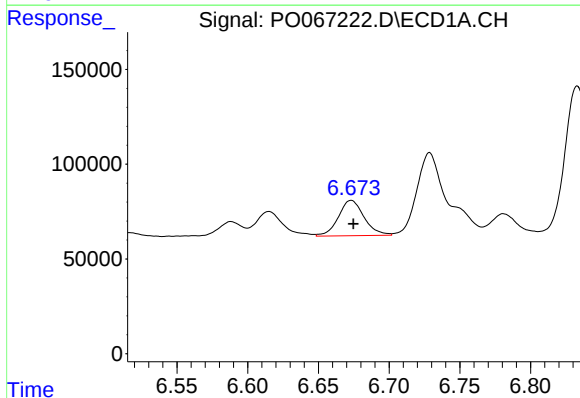
R.T.: 6.310 min
Delta R.T.: -0.002 min
Response: 459334
Conc: 238.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



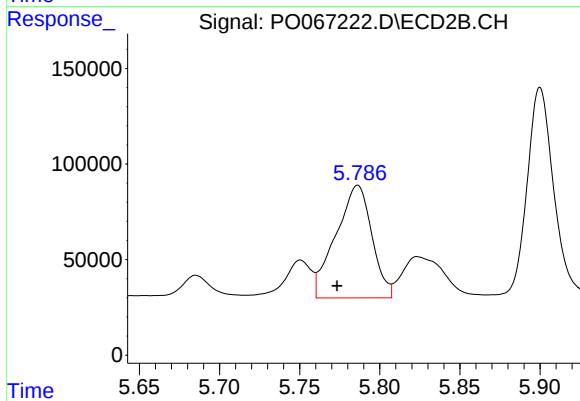
#27 AR-1254-2

R.T.: 5.377 min
Delta R.T.: -0.001 min
Response: 500255
Conc: 272.22 ng/ml



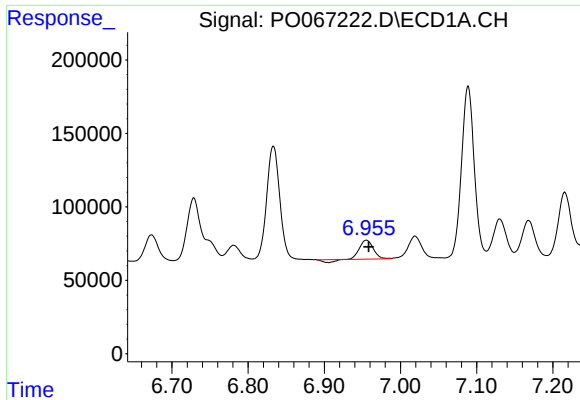
#28 AR-1254-3

R.T.: 6.673 min
Delta R.T.: -0.002 min
Response: 237526
Conc: 117.91 ng/ml



#28 AR-1254-3

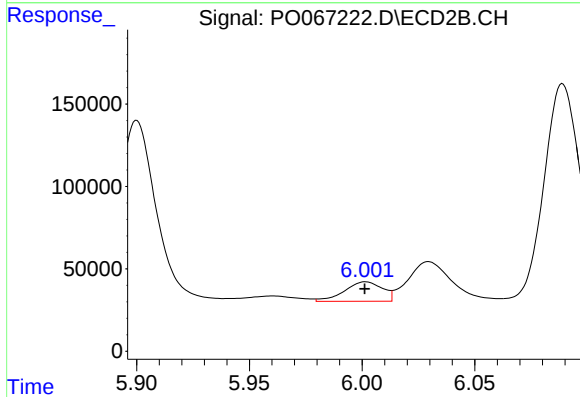
R.T.: 5.786 min
Delta R.T.: 0.013 min
Response: 921083
Conc: 306.07 ng/ml



#29 AR-1254-4

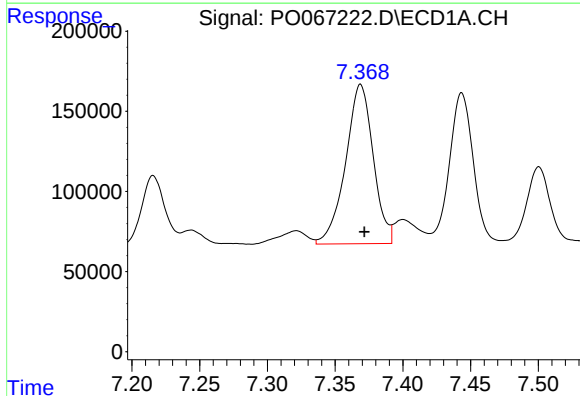
R.T.: 6.955 min
Delta R.T.: -0.003 min
Response: 147690
Conc: 86.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



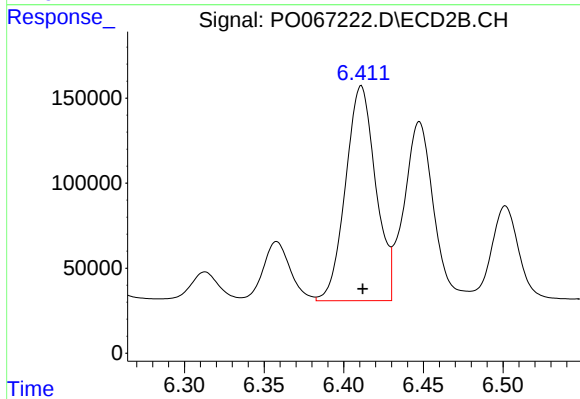
#29 AR-1254-4

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 138314
Conc: 76.54 ng/ml



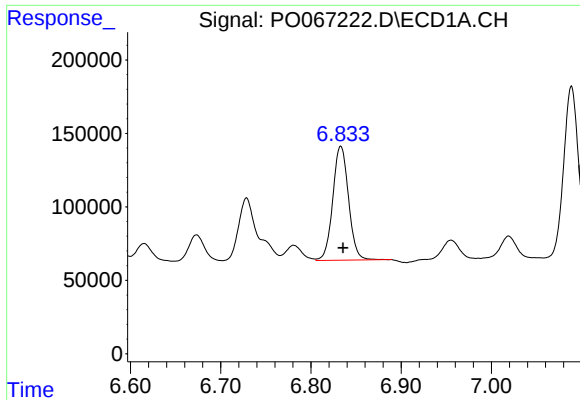
#30 AR-1254-5

R.T.: 7.369 min
Delta R.T.: -0.003 min
Response: 1415279
Conc: 803.43 ng/ml



#30 AR-1254-5

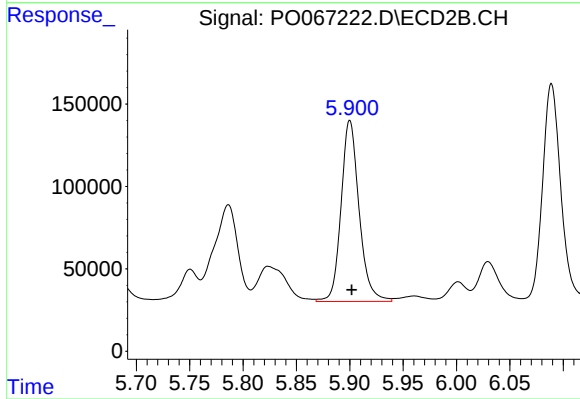
R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 1664629
Conc: 586.34 ng/ml



#31 AR-1260-1

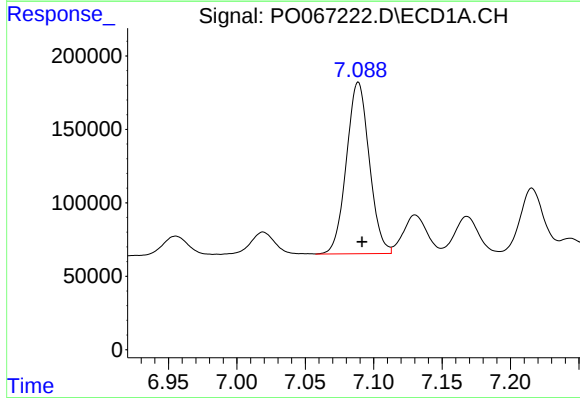
R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 941767
Conc: 530.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



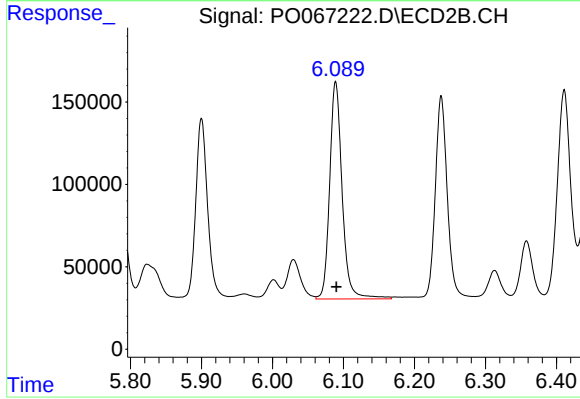
#31 AR-1260-1

R.T.: 5.900 min
Delta R.T.: -0.002 min
Response: 1293278
Conc: 539.13 ng/ml



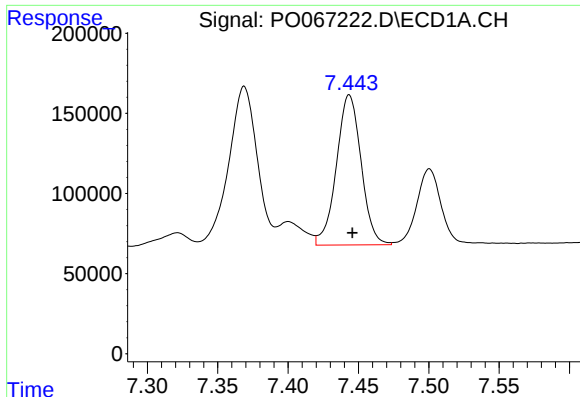
#32 AR-1260-2

R.T.: 7.089 min
Delta R.T.: -0.003 min
Response: 1360471
Conc: 520.74 ng/ml



#32 AR-1260-2

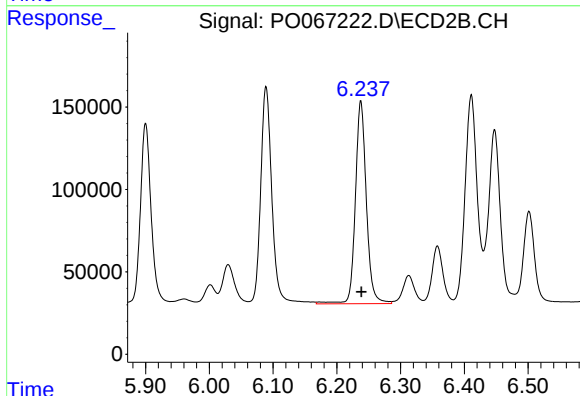
R.T.: 6.089 min
Delta R.T.: -0.001 min
Response: 1613468
Conc: 534.71 ng/ml



#33 AR-1260-3

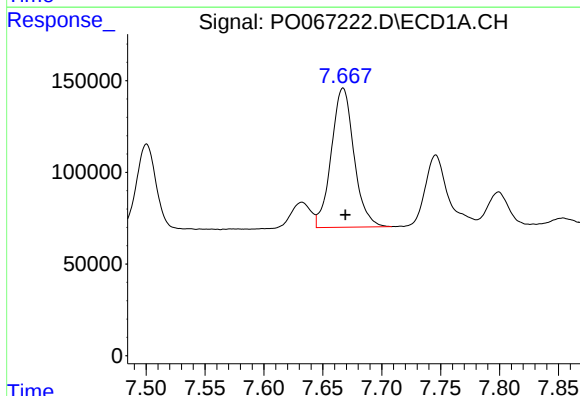
R.T.: 7.443 min
Delta R.T.: -0.002 min
Response: 1145188
Conc: 520.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



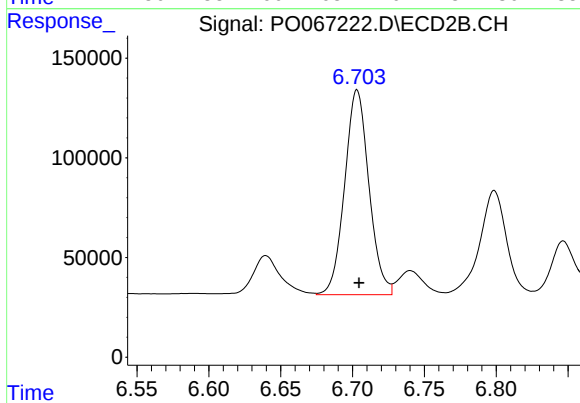
#33 AR-1260-3

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 1473633
Conc: 530.31 ng/ml



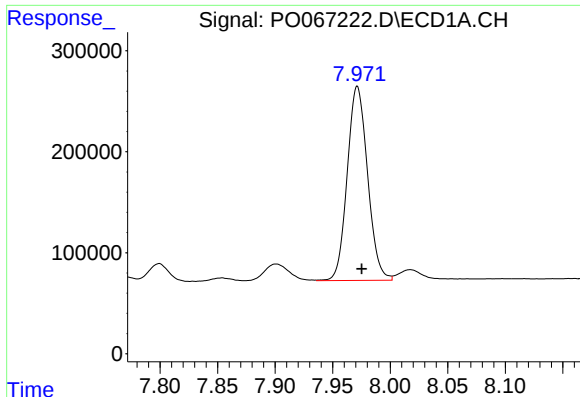
#34 AR-1260-4

R.T.: 7.667 min
Delta R.T.: -0.002 min
Response: 1016674
Conc: 497.93 ng/ml



#34 AR-1260-4

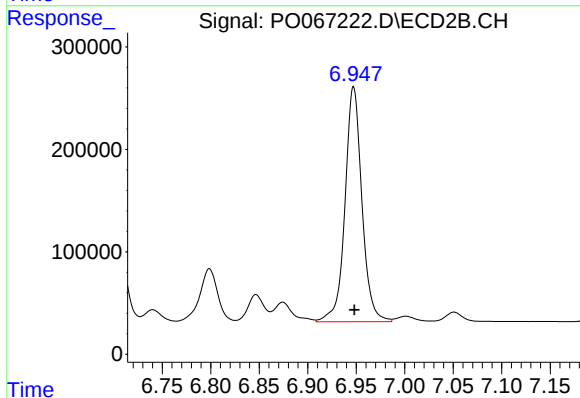
R.T.: 6.703 min
Delta R.T.: -0.001 min
Response: 1211522
Conc: 493.60 ng/ml



#35 AR-1260-5

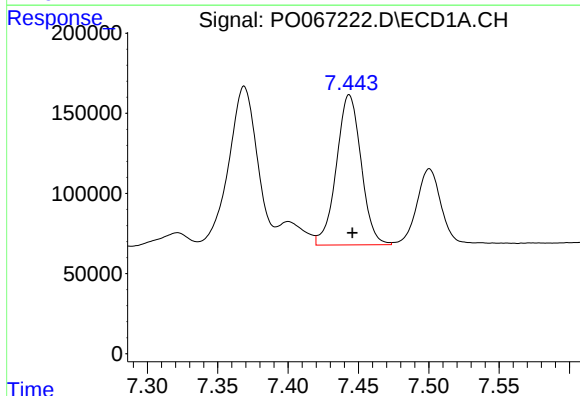
R.T.: 7.971 min
Delta R.T.: -0.004 min
Response: 2382305
Conc: 497.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



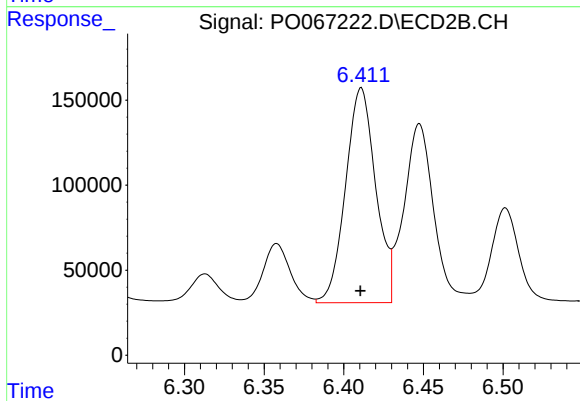
#35 AR-1260-5

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 2790545
Conc: 477.97 ng/ml



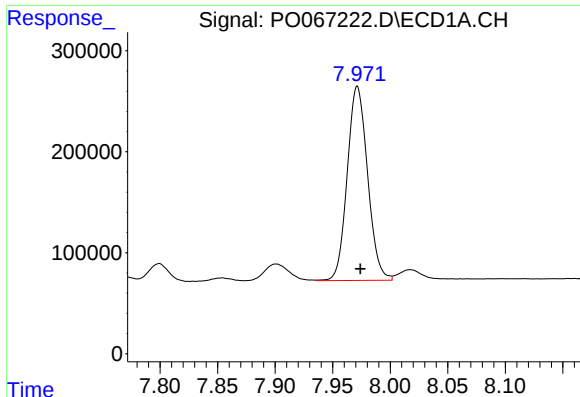
#36 AR-1262-1

R.T.: 7.443 min
Delta R.T.: -0.002 min
Response: 1145188
Conc: 429.20 ng/ml



#36 AR-1262-1

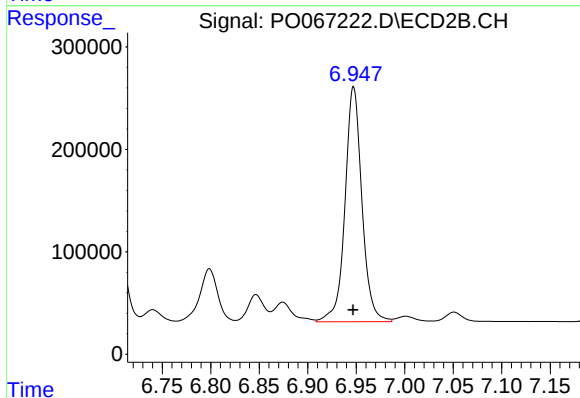
R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 1664629
Conc: 1166.56 ng/ml



#37 AR-1262-2

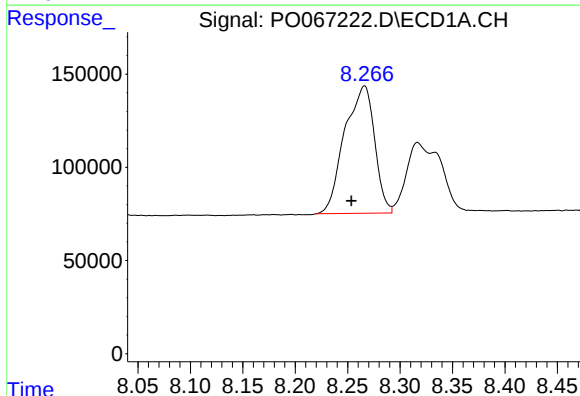
R.T.: 7.971 min
Delta R.T.: -0.003 min
Response: 2382305
Conc: 547.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



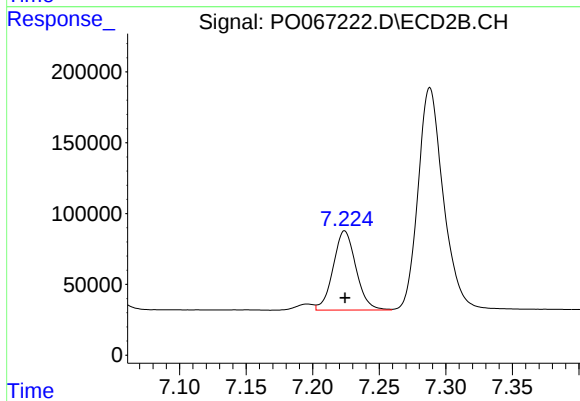
#37 AR-1262-2

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 2790545
Conc: 540.79 ng/ml



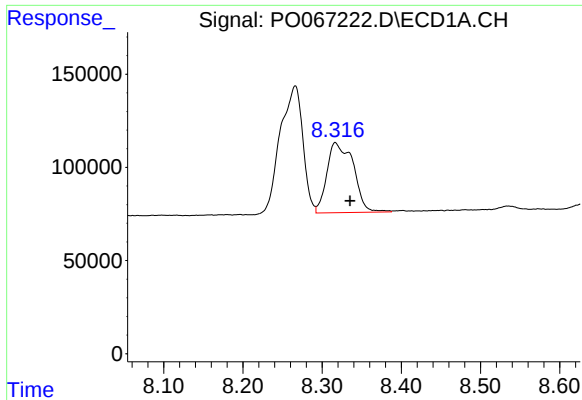
#38 AR-1262-3

R.T.: 8.266 min
Delta R.T.: 0.013 min
Response: 1357438
Conc: 486.06 ng/ml



#38 AR-1262-3

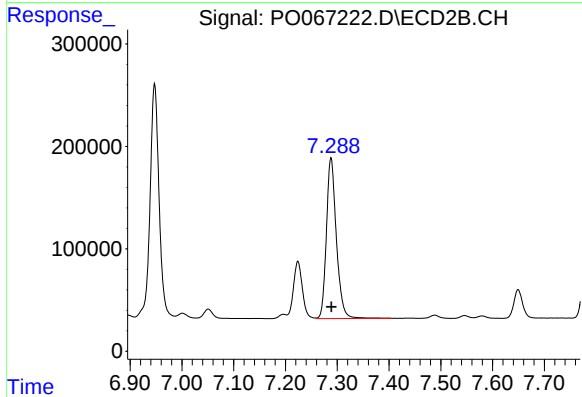
R.T.: 7.224 min
Delta R.T.: 0.000 min
Response: 668763
Conc: 312.16 ng/ml



#39 AR-1262-4

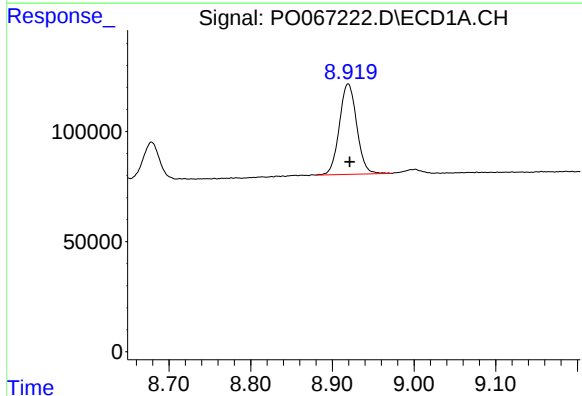
R.T.: 8.317 min
Delta R.T.: -0.019 min
Response: 872393
Conc: 412.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



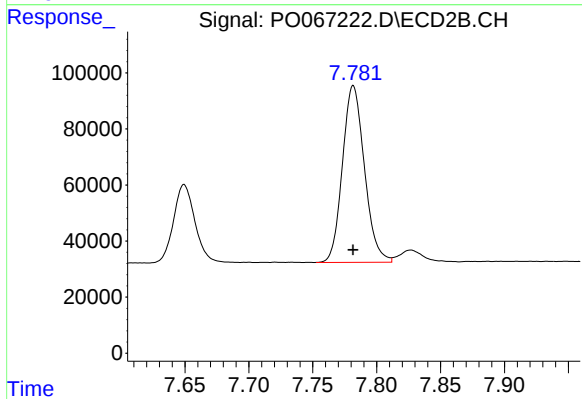
#39 AR-1262-4

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 2089467
Conc: 527.47 ng/ml



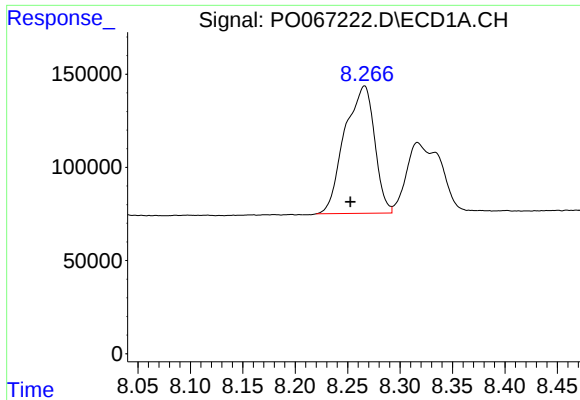
#40 AR-1262-5

R.T.: 8.919 min
Delta R.T.: -0.002 min
Response: 608225
Conc: 433.43 ng/ml



#40 AR-1262-5

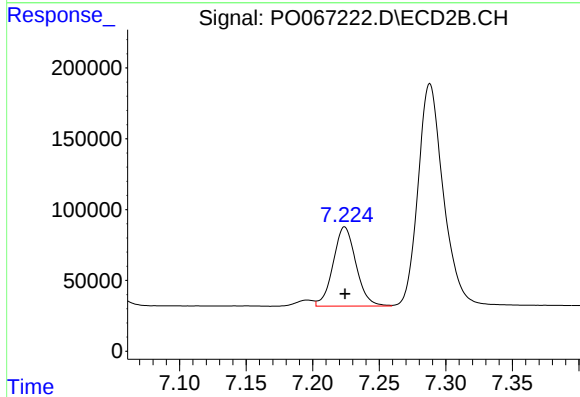
R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 755097
Conc: 408.32 ng/ml



#41 AR-1268-1

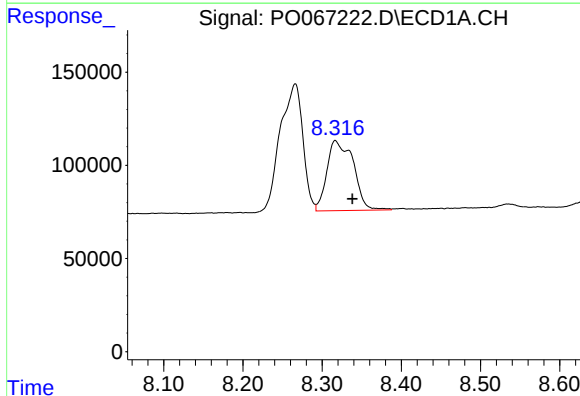
R.T.: 8.266 min
Delta R.T.: 0.013 min
Response: 1357438
Conc: 235.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



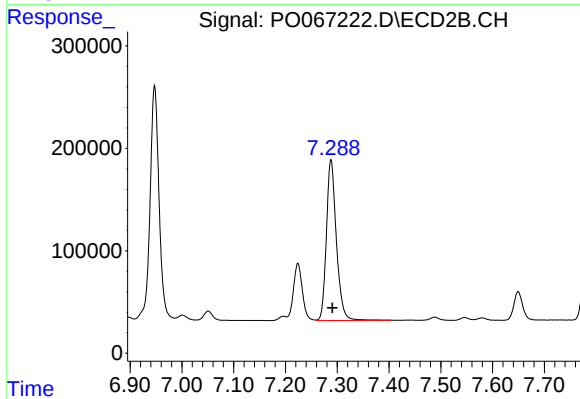
#41 AR-1268-1

R.T.: 7.224 min
Delta R.T.: 0.000 min
Response: 668763
Conc: 101.57 ng/ml



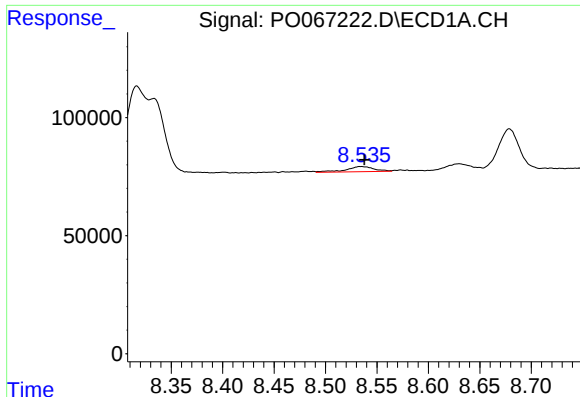
#42 AR-1268-2

R.T.: 8.317 min
Delta R.T.: -0.021 min
Response: 872393
Conc: 178.40 ng/ml



#42 AR-1268-2

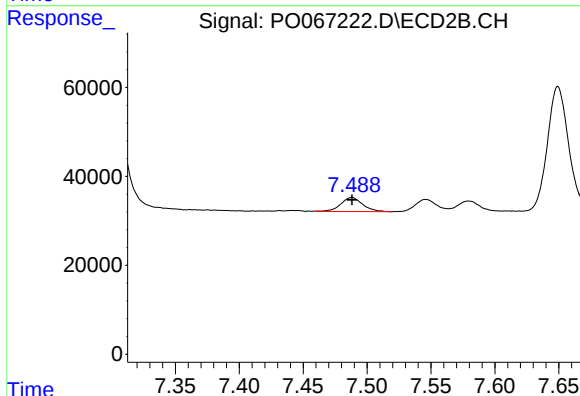
R.T.: 7.288 min
Delta R.T.: -0.003 min
Response: 2089467
Conc: 343.52 ng/ml



#43 AR-1268-3

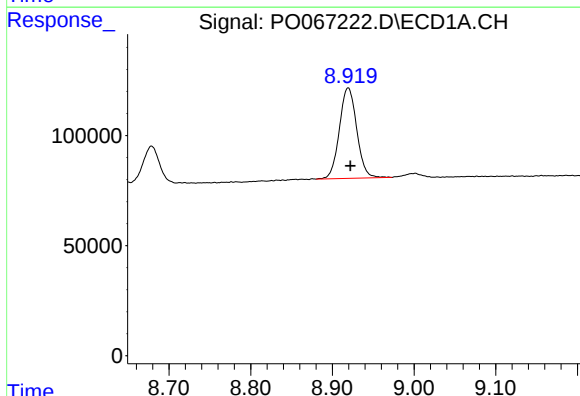
R.T.: 8.534 min
Delta R.T.: -0.003 min
Response: 41089
Conc: 9.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



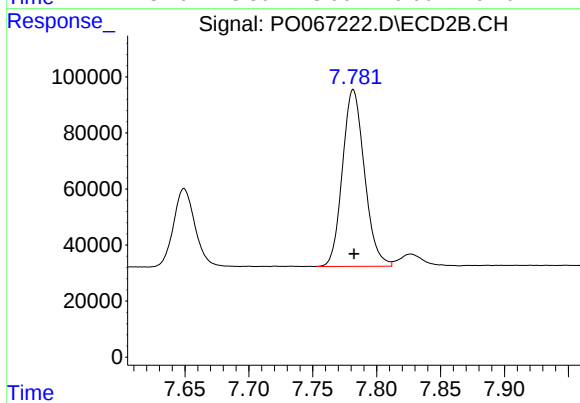
#43 AR-1268-3

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 37543
Conc: 7.44 ng/ml



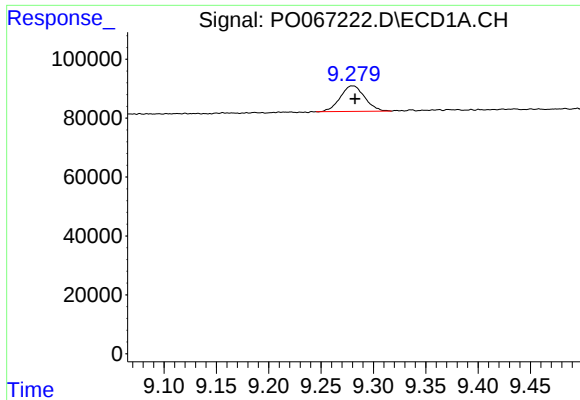
#44 AR-1268-4

R.T.: 8.919 min
Delta R.T.: -0.003 min
Response: 608225
Conc: 360.35 ng/ml



#44 AR-1268-4

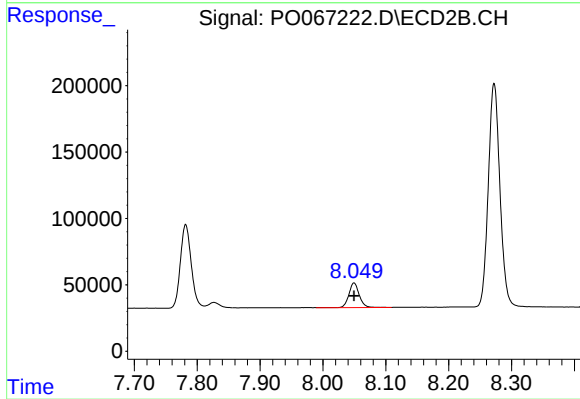
R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 755097
Conc: 333.56 ng/ml



#45 AR-1268-5

R.T.: 9.280 min
Delta R.T.: -0.002 min
Response: 140766
Conc: 11.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.050 min
Delta R.T.: 0.000 min
Response: 213305
Conc: 13.21 ng/ml