

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032420\
 Data File : P0067440.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Mar 2020 18:45
 Operator : DD\AJ
 Sample : L2013-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 02:08:16 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031920.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 19 16:36:53 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...	4.940	3.950	573051	885560	26.962	25.332
2)	SA Decachlor...	10.923	9.243	1257181	1225922	43.754	31.429 #
Target Compounds							
3)	L1 AR-1016-1	6.259	5.207	359668	399676	397.475	261.279 #
4)	L1 AR-1016-2	6.284	5.228	581432	593969	466.665	294.418 #
5)	L1 AR-1016-3	6.351	5.422	208590	863106	266.294	773.368 #
6)	L1 AR-1016-4	6.454	5.471	274153	990984	431.022	1065.496 #
7)	L1 AR-1016-5	6.769	5.699	625288	851541	967.740	718.108 #
9)	L2 AR-1221-2	0.000	4.304	0	161045	N.D.	504.205 #
10)	L2 AR-1221-3	5.378	4.396	170880	149351	292.331	151.504 #
11)	L3 AR-1232-1	5.378	4.396	170880	149351	398.102	206.371 #
12)	L3 AR-1232-2	5.965	5.228	245719	593969	1053.819	809.592
13)	L3 AR-1232-3	6.284	5.422	581432	863106	1381.555	2208.755 #
14)	L3 AR-1232-4	6.454	5.515	274153	843191	1265.545	2360.644 #
15)	L3 AR-1232-5	6.553	5.699	680144	851541	4221.442	2166.674 #
16)	L4 AR-1242-1	6.259	5.207	359668	399676	526.528	342.412 #
17)	L4 AR-1242-2	6.284	5.228	581432	593969	625.887	387.882 #
18)	L4 AR-1242-3	6.351	5.422	208590	863106	352.050	1023.001 #
19)	L4 AR-1242-4	6.454	5.515	274153	843191	573.787	997.228 #
20)	L4 AR-1242-5	7.240	6.080	617981	2340599	1134.912	2188.736 #
21)	L5 AR-1248-1	6.259	5.207	359668	399676	795.976	504.209 #
22)	L5 AR-1248-2	6.553	5.471	680144	990984	1128.150	960.492
23)	L5 AR-1248-3	6.769	5.515	625288	843191	885.514	801.143
24)	L5 AR-1248-4	7.198	5.699	502276	851541	604.768	673.331
25)	L5 AR-1248-5	7.240	6.121	617981	636344	780.109	507.283 #
26)	L6 AR-1254-1	7.169	6.080	1319357	2340599	1568.298	1202.124
27)	L6 AR-1254-2	7.398	6.239	1827301	1546662	1362.674	897.314 #
28)	L6 AR-1254-3	7.779	6.658	2126340	2727924	1467.261	972.634 #
29)	L6 AR-1254-4	8.072	6.897	854771	1155447	756.117	627.918
30)	L6 AR-1254-5	8.498	7.326	1974147	3267984	1600.921	1317.071
31)	L7 AR-1260-1	7.943	6.797	1188656	2182751	979.788	1018.650
32)	L7 AR-1260-2	8.207	6.993	3412256	2411294	2278.760	912.527 #
33)	L7 AR-1260-3	8.571	7.146	775358	1824787	672.561	747.730
34)	L7 AR-1260-4	8.798	7.630	1072662	932126	798.700	439.143 #
35)	L7 AR-1260-5	9.125	7.877	1467057	2220312	516.281	445.367
36)	L8 AR-1262-1	8.571	7.326	775358	3267984	532.462	2274.354 #
37)	L8 AR-1262-2	9.125	7.877	1467057	2220312	530.859	480.995
38)	L8 AR-1262-3	9.433	8.164	395564	750413	203.499	375.857 #
39)	L8 AR-1262-4	9.526	8.226	279233	1795777	190.719	511.761 #
40)	L8 AR-1262-5	10.183	8.723	440934	637363	403.875	375.179
41)	L9 AR-1268-1	9.433	8.164	395564	750413	120.883	141.412
42)	L9 AR-1268-2	9.526	8.226	279233	1795777	91.447	377.547 #

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 ALS Vial : 31 Sample Multiplier: 1

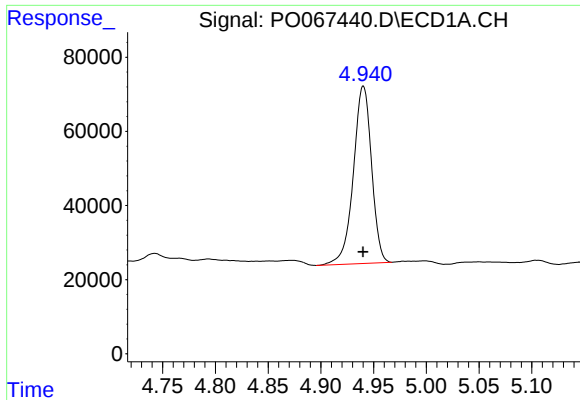
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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
43) L9	AR-1268-3	9.751	8.437	215282	142418	84.740	36.360 #
44) L9	AR-1268-4	10.183	8.723	440934	637363	363.290	340.811
45) L9	AR-1268-5	10.593	9.001	389221	463883	43.591	38.416

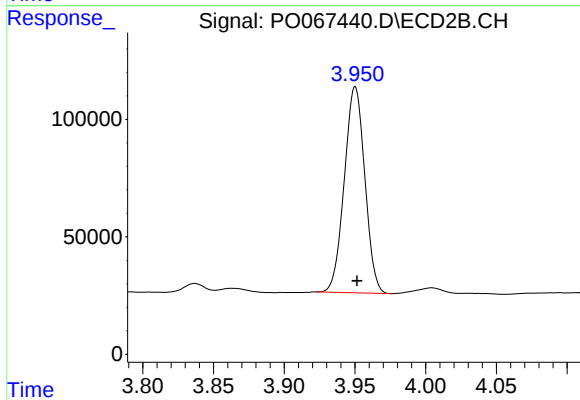
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

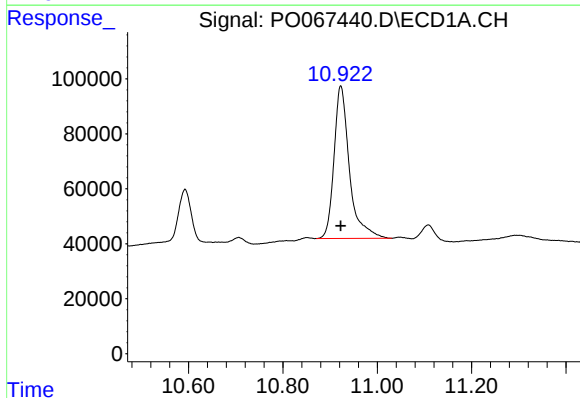
R.T.: 4.940 min
Delta R.T.: 0.000 min
Response: 573051
Conc: 26.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



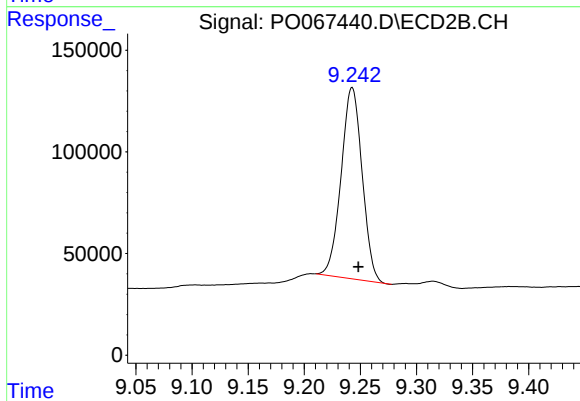
#1 Tetrachloro-m-xylene

R.T.: 3.950 min
Delta R.T.: -0.001 min
Response: 885560
Conc: 25.33 ng/ml



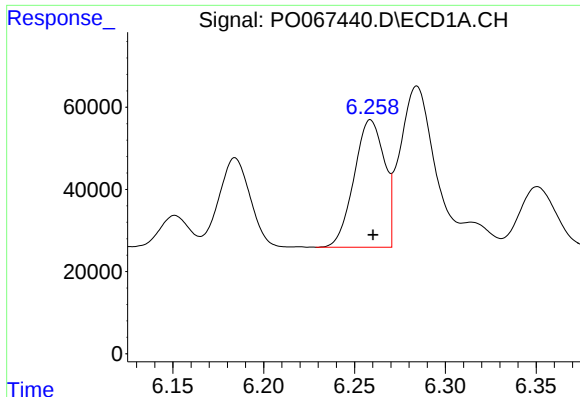
#2 Decachlorobiphenyl

R.T.: 10.923 min
Delta R.T.: 0.000 min
Response: 1257181
Conc: 43.75 ng/ml



#2 Decachlorobiphenyl

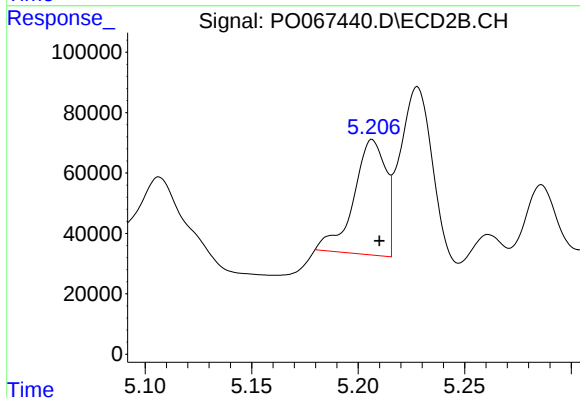
R.T.: 9.243 min
Delta R.T.: -0.006 min
Response: 1225922
Conc: 31.43 ng/ml



#3 AR-1016-1

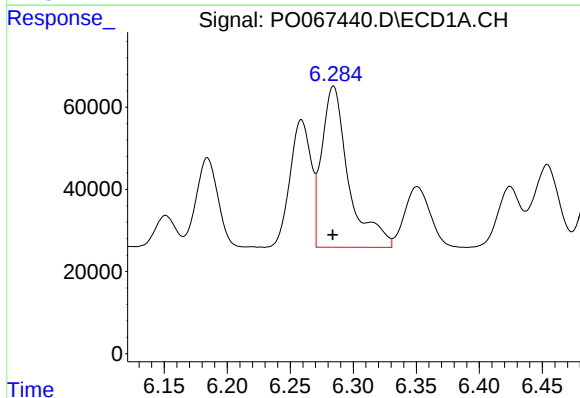
R.T.: 6.259 min
Delta R.T.: -0.001 min
Response: 359668
Conc: 397.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



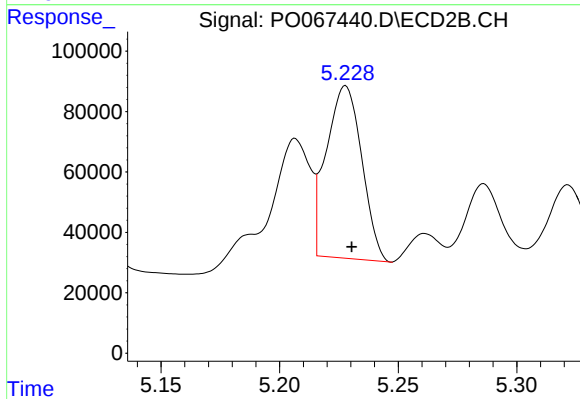
#3 AR-1016-1

R.T.: 5.207 min
Delta R.T.: -0.003 min
Response: 399676
Conc: 261.28 ng/ml



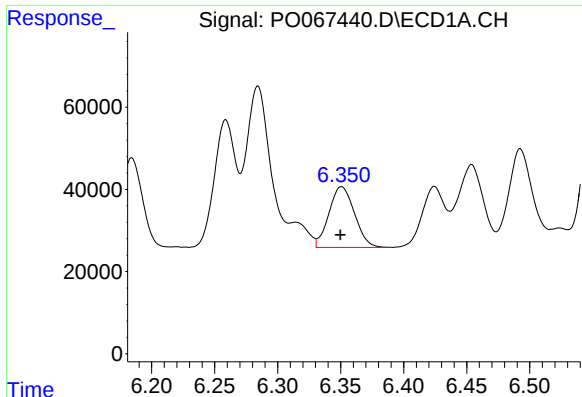
#4 AR-1016-2

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 581432
Conc: 466.67 ng/ml



#4 AR-1016-2

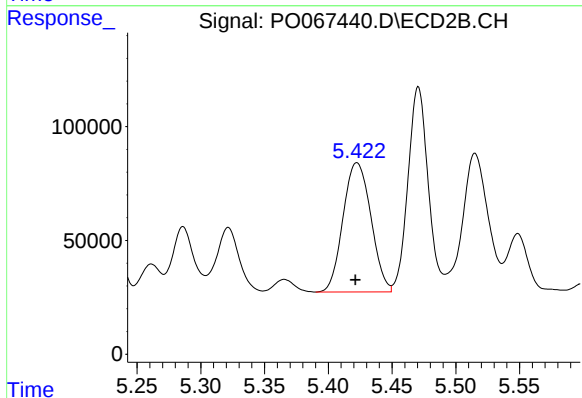
R.T.: 5.228 min
Delta R.T.: -0.003 min
Response: 593969
Conc: 294.42 ng/ml



#5 AR-1016-3

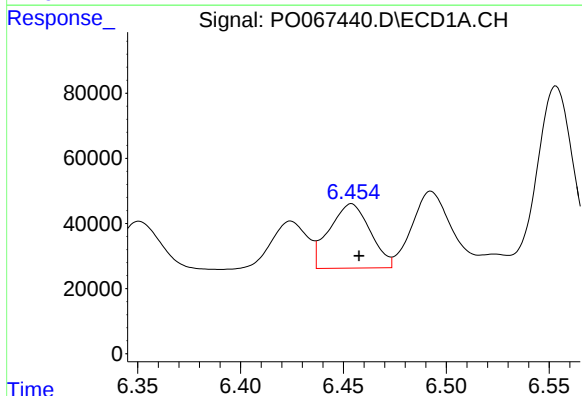
R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 208590
Conc: 266.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



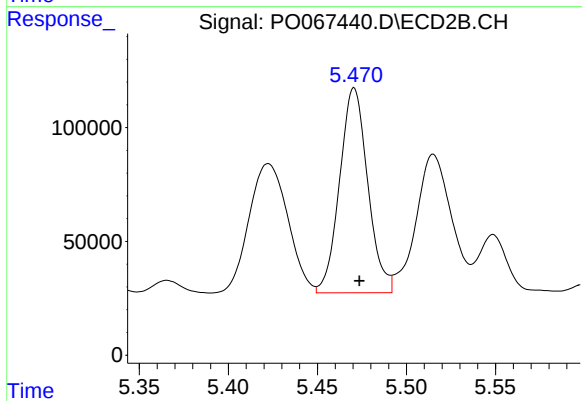
#5 AR-1016-3

R.T.: 5.422 min
Delta R.T.: 0.001 min
Response: 863106
Conc: 773.37 ng/ml



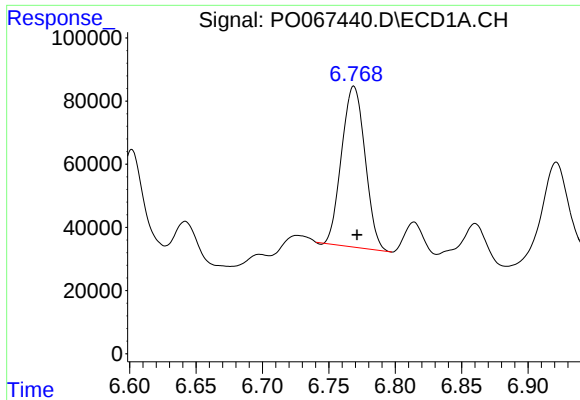
#6 AR-1016-4

R.T.: 6.454 min
Delta R.T.: -0.004 min
Response: 274153
Conc: 431.02 ng/ml



#6 AR-1016-4

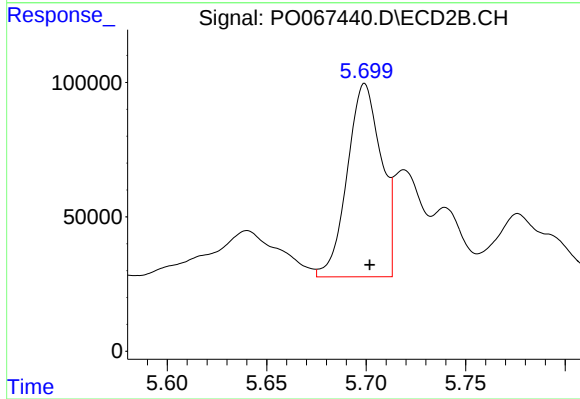
R.T.: 5.471 min
Delta R.T.: -0.003 min
Response: 990984
Conc: 1065.50 ng/ml



#7 AR-1016-5

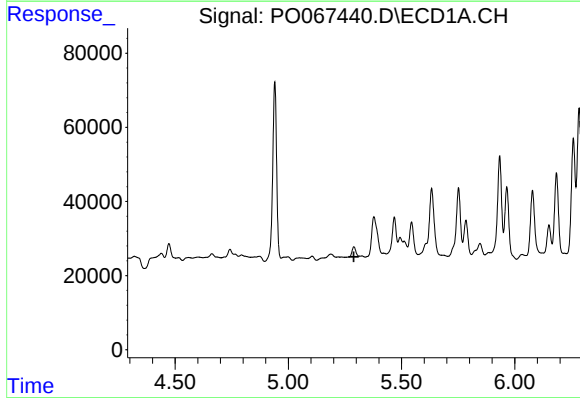
R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 625288
Conc: 967.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



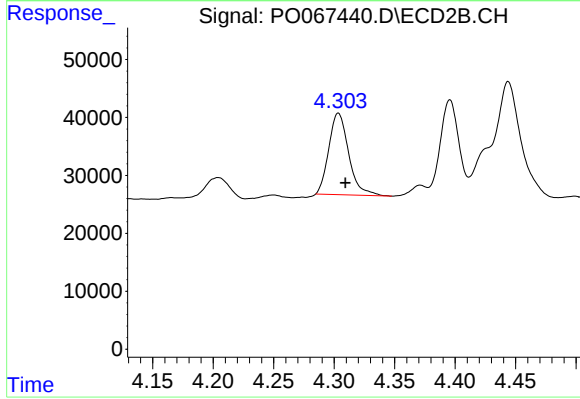
#7 AR-1016-5

R.T.: 5.699 min
Delta R.T.: -0.002 min
Response: 851541
Conc: 718.11 ng/ml



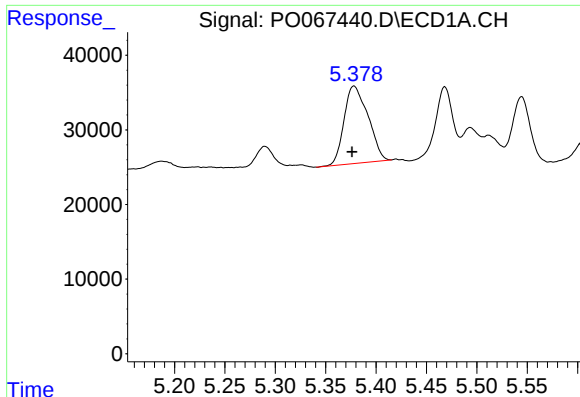
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.290 min
Response: 0
Conc: N.D.



#9 AR-1221-2

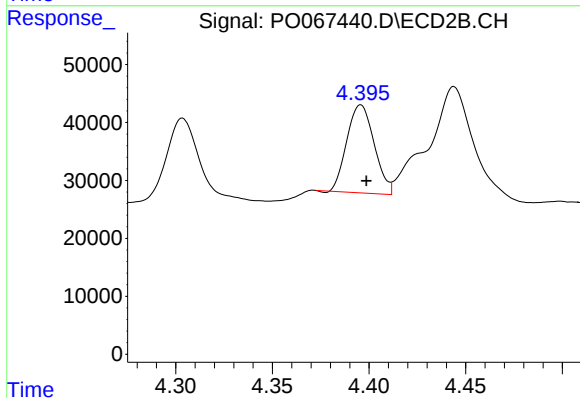
R.T.: 4.304 min
Delta R.T.: -0.006 min
Response: 161045
Conc: 504.20 ng/ml



#10 AR-1221-3

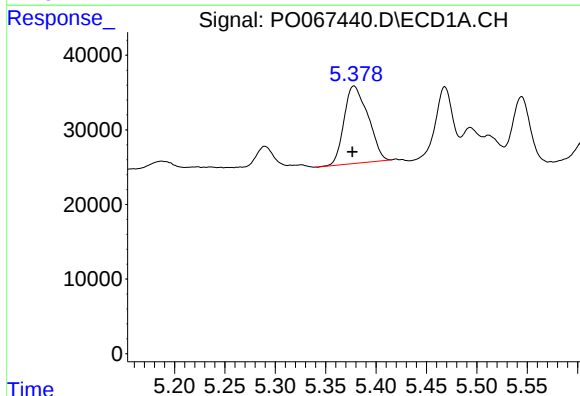
R.T.: 5.378 min
Delta R.T.: 0.002 min
Response: 170880
Conc: 292.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



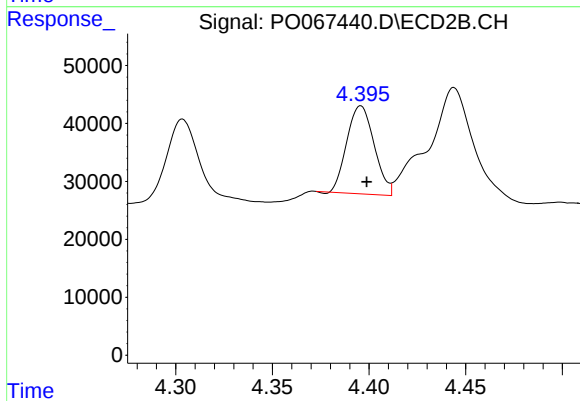
#10 AR-1221-3

R.T.: 4.396 min
Delta R.T.: -0.003 min
Response: 149351
Conc: 151.50 ng/ml



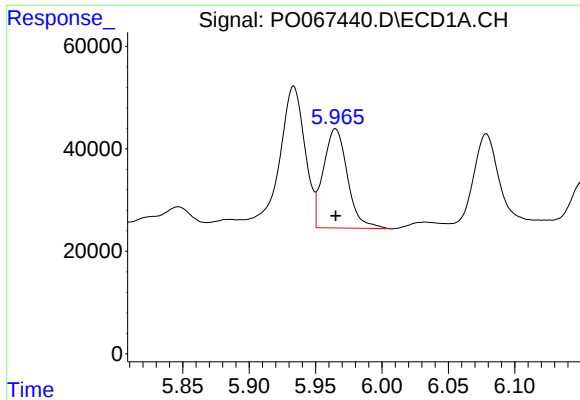
#11 AR-1232-1

R.T.: 5.378 min
Delta R.T.: 0.002 min
Response: 170880
Conc: 398.10 ng/ml



#11 AR-1232-1

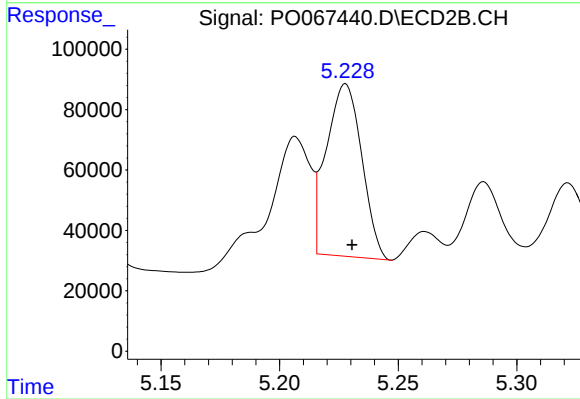
R.T.: 4.396 min
Delta R.T.: -0.003 min
Response: 149351
Conc: 206.37 ng/ml



#12 AR-1232-2

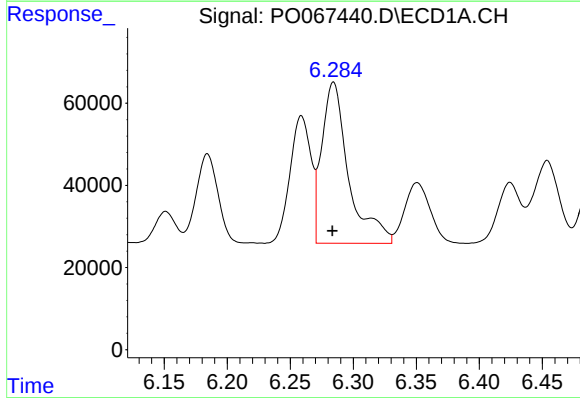
R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 245719
Conc: 1053.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



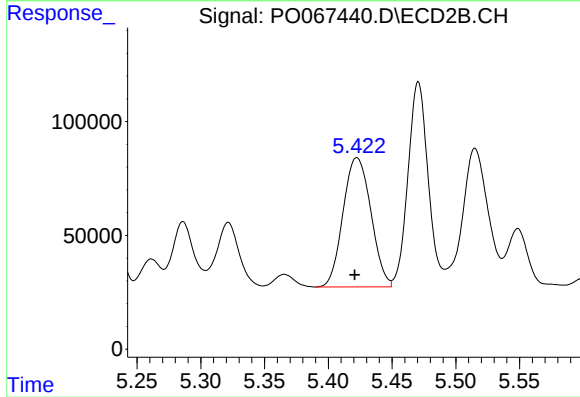
#12 AR-1232-2

R.T.: 5.228 min
Delta R.T.: -0.003 min
Response: 593969
Conc: 809.59 ng/ml



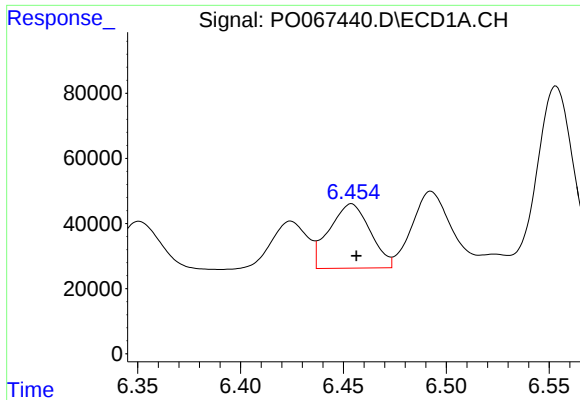
#13 AR-1232-3

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 581432
Conc: 1381.56 ng/ml



#13 AR-1232-3

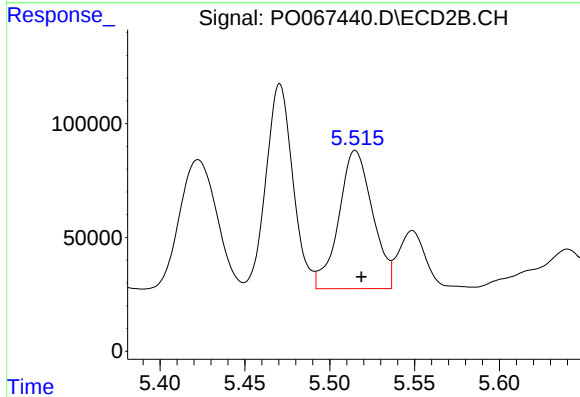
R.T.: 5.422 min
Delta R.T.: 0.002 min
Response: 863106
Conc: 2208.75 ng/ml



#14 AR-1232-4

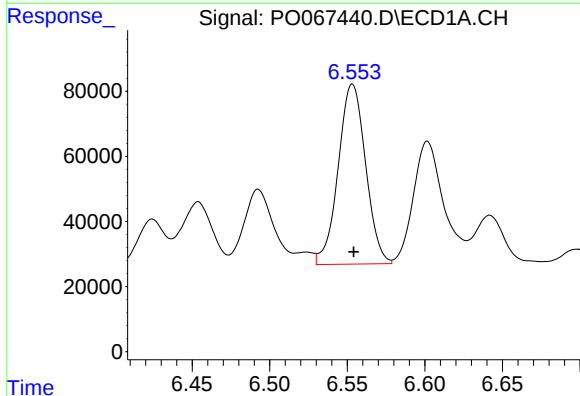
R.T.: 6.454 min
Delta R.T.: -0.002 min
Response: 274153
Conc: 1265.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



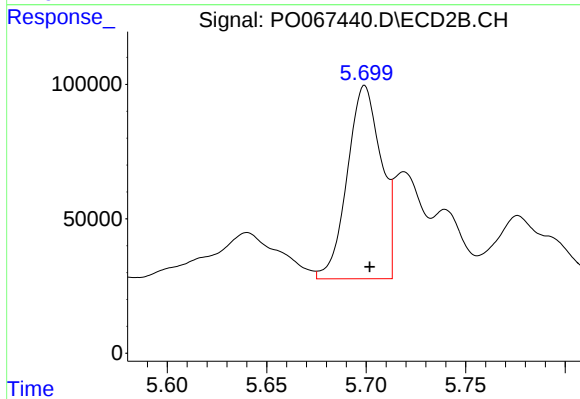
#14 AR-1232-4

R.T.: 5.515 min
Delta R.T.: -0.004 min
Response: 843191
Conc: 2360.64 ng/ml



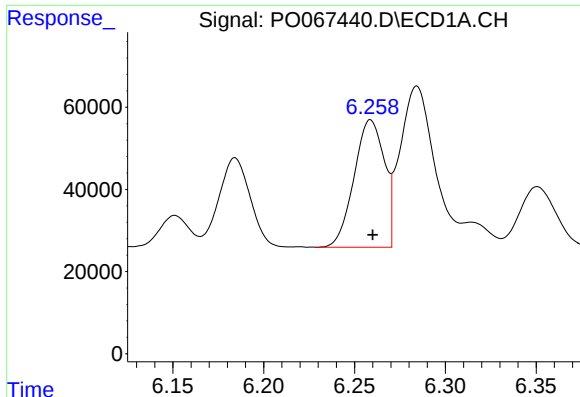
#15 AR-1232-5

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 680144
Conc: 4221.44 ng/ml



#15 AR-1232-5

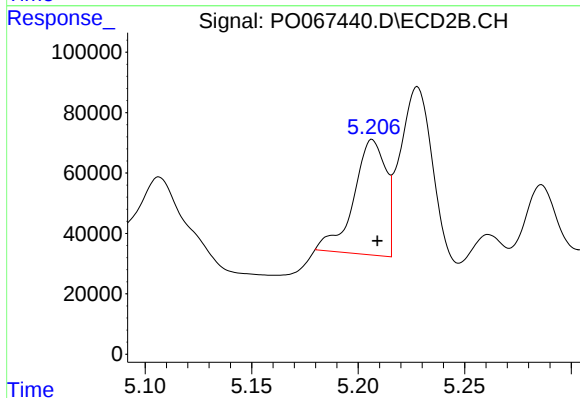
R.T.: 5.699 min
Delta R.T.: -0.003 min
Response: 851541
Conc: 2166.67 ng/ml



#16 AR-1242-1

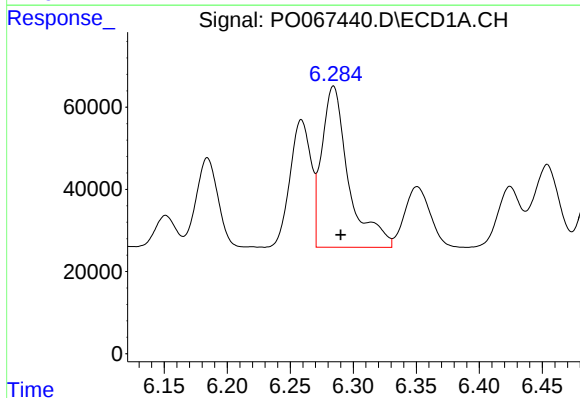
R.T.: 6.259 min
Delta R.T.: -0.001 min
Response: 359668
Conc: 526.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



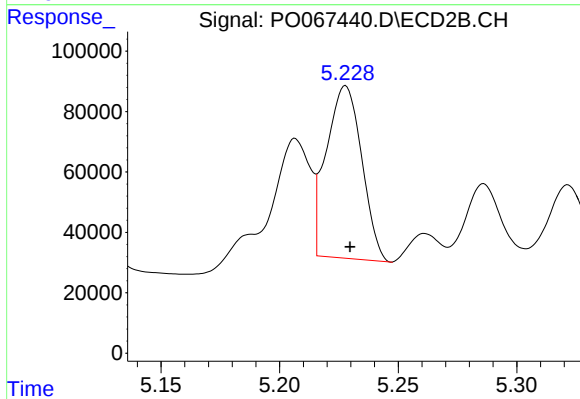
#16 AR-1242-1

R.T.: 5.207 min
Delta R.T.: -0.002 min
Response: 399676
Conc: 342.41 ng/ml



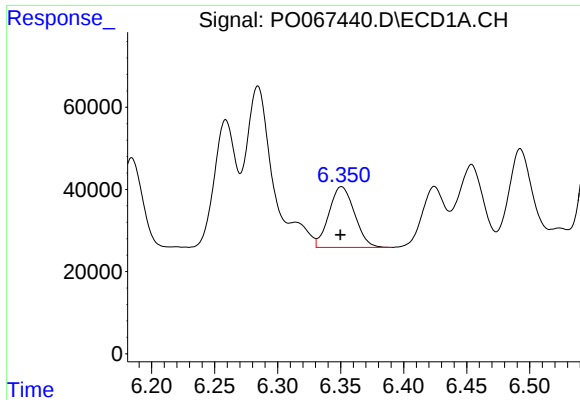
#17 AR-1242-2

R.T.: 6.284 min
Delta R.T.: -0.006 min
Response: 581432
Conc: 625.89 ng/ml



#17 AR-1242-2

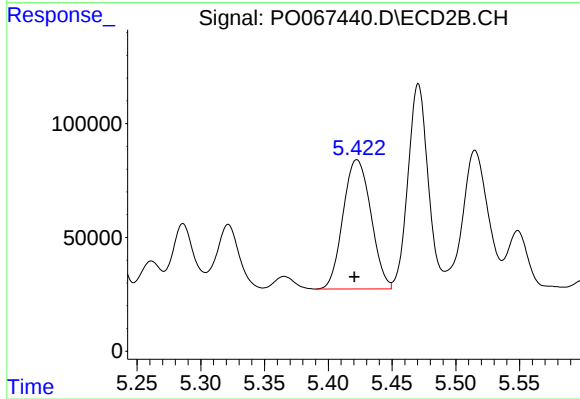
R.T.: 5.228 min
Delta R.T.: -0.002 min
Response: 593969
Conc: 387.88 ng/ml



#18 AR-1242-3

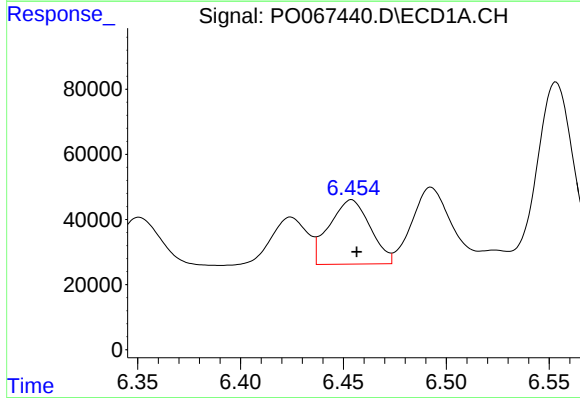
R.T.: 6.351 min
Delta R.T.: 0.001 min
Response: 208590
Conc: 352.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



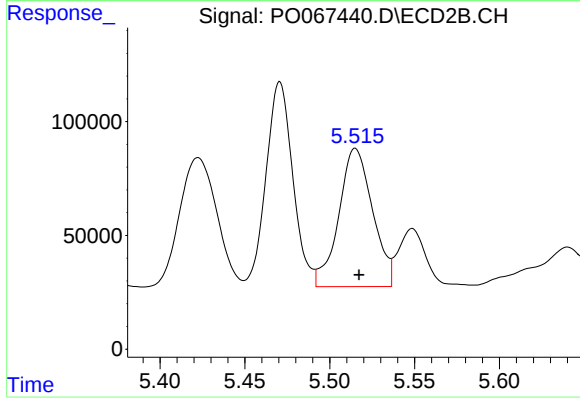
#18 AR-1242-3

R.T.: 5.422 min
Delta R.T.: 0.002 min
Response: 863106
Conc: 1023.00 ng/ml



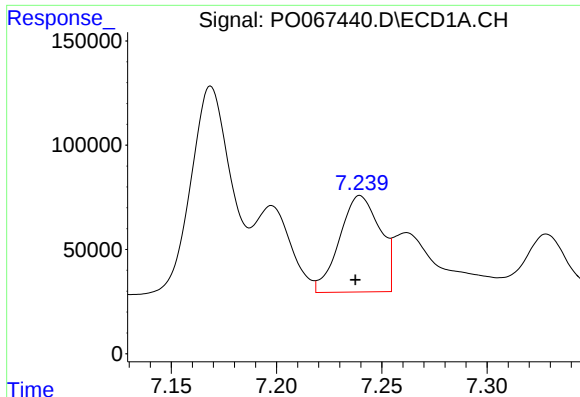
#19 AR-1242-4

R.T.: 6.454 min
Delta R.T.: -0.002 min
Response: 274153
Conc: 573.79 ng/ml



#19 AR-1242-4

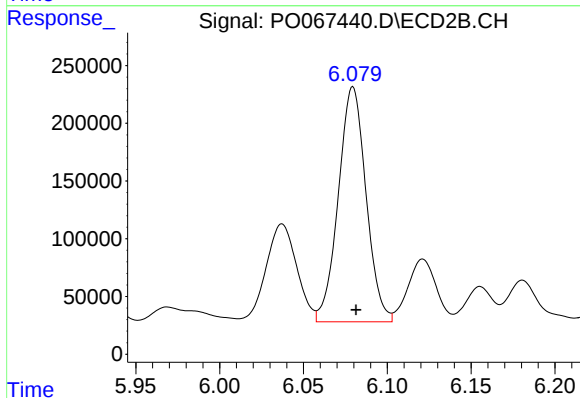
R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 843191
Conc: 997.23 ng/ml



#20 AR-1242-5

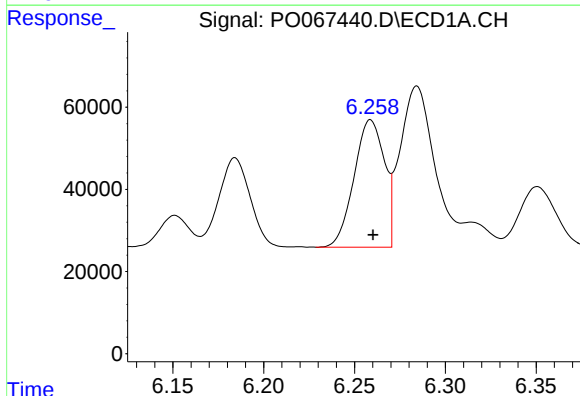
R.T.: 7.240 min
Delta R.T.: 0.002 min
Response: 617981
Conc: 1134.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



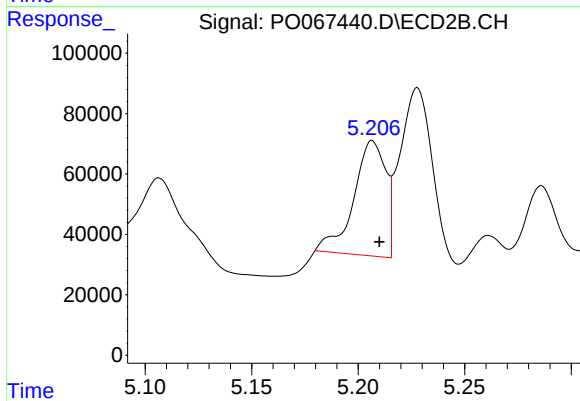
#20 AR-1242-5

R.T.: 6.080 min
Delta R.T.: -0.002 min
Response: 2340599
Conc: 2188.74 ng/ml



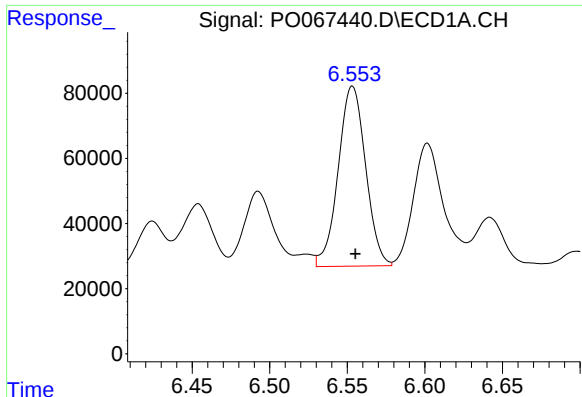
#21 AR-1248-1

R.T.: 6.259 min
Delta R.T.: -0.001 min
Response: 359668
Conc: 795.98 ng/ml



#21 AR-1248-1

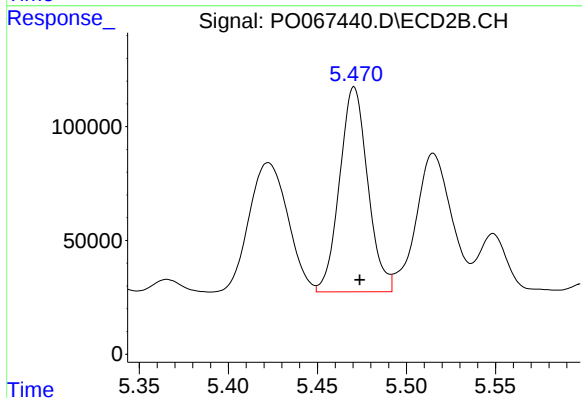
R.T.: 5.207 min
Delta R.T.: -0.003 min
Response: 399676
Conc: 504.21 ng/ml



#22 AR-1248-2

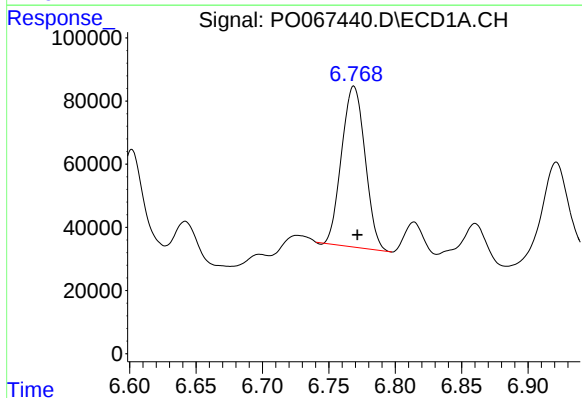
R.T.: 6.553 min
Delta R.T.: -0.002 min
Response: 680144
Conc: 1128.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



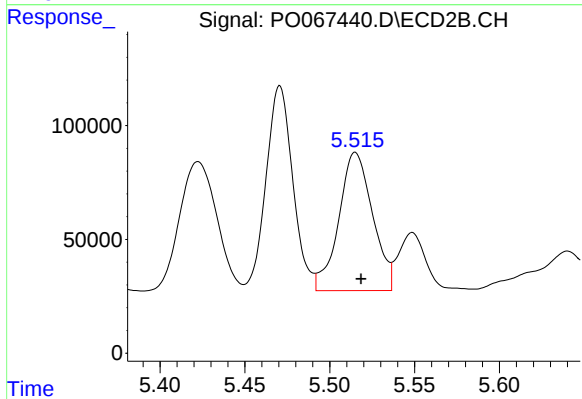
#22 AR-1248-2

R.T.: 5.471 min
Delta R.T.: -0.003 min
Response: 990984
Conc: 960.49 ng/ml



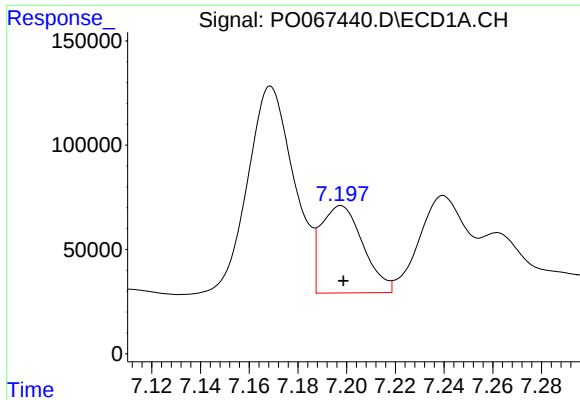
#23 AR-1248-3

R.T.: 6.769 min
Delta R.T.: -0.003 min
Response: 625288
Conc: 885.51 ng/ml



#23 AR-1248-3

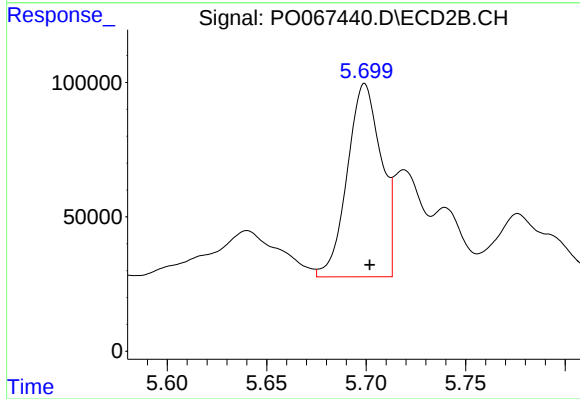
R.T.: 5.515 min
Delta R.T.: -0.003 min
Response: 843191
Conc: 801.14 ng/ml



#24 AR-1248-4

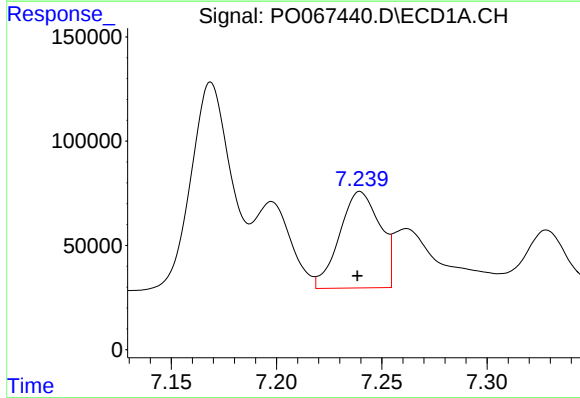
R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 502276
Conc: 604.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



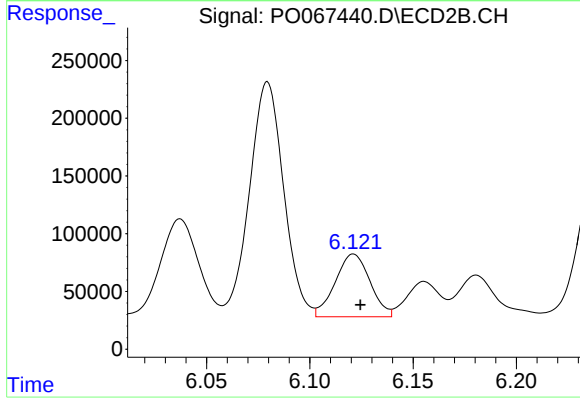
#24 AR-1248-4

R.T.: 5.699 min
Delta R.T.: -0.002 min
Response: 851541
Conc: 673.33 ng/ml



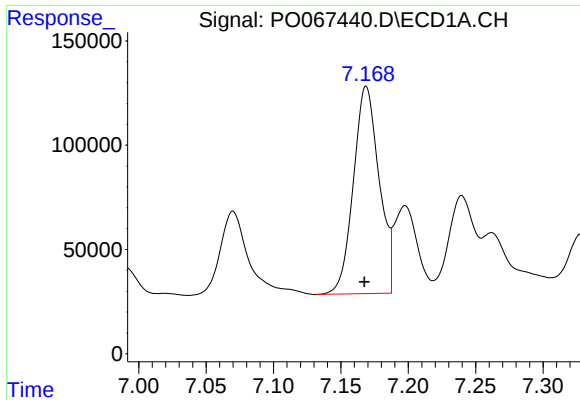
#25 AR-1248-5

R.T.: 7.240 min
Delta R.T.: 0.001 min
Response: 617981
Conc: 780.11 ng/ml



#25 AR-1248-5

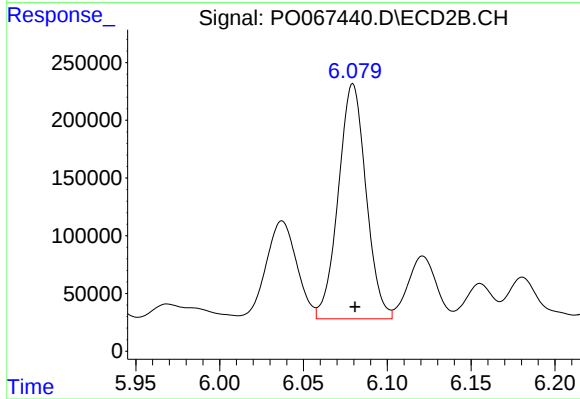
R.T.: 6.121 min
Delta R.T.: -0.003 min
Response: 636344
Conc: 507.28 ng/ml



#26 AR-1254-1

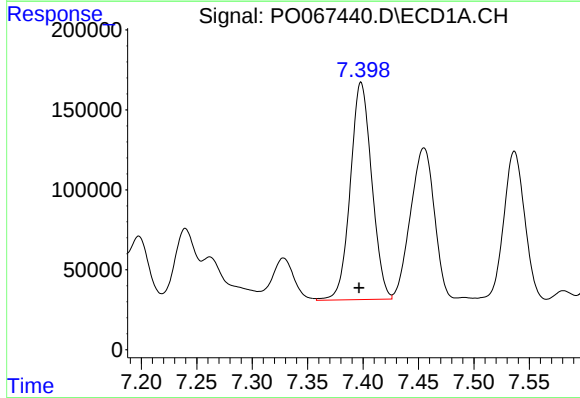
R.T.: 7.169 min
Delta R.T.: 0.001 min
Response: 1319357
Conc: 1568.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



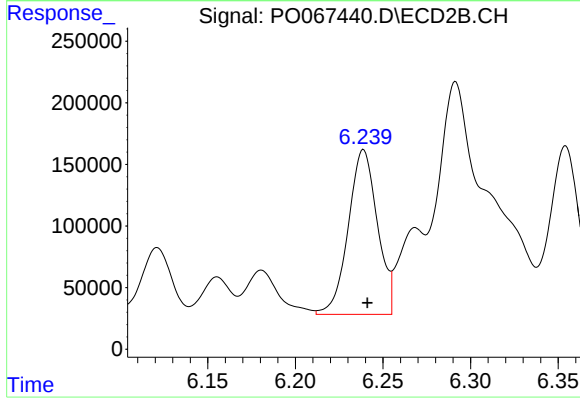
#26 AR-1254-1

R.T.: 6.080 min
Delta R.T.: -0.001 min
Response: 2340599
Conc: 1202.12 ng/ml



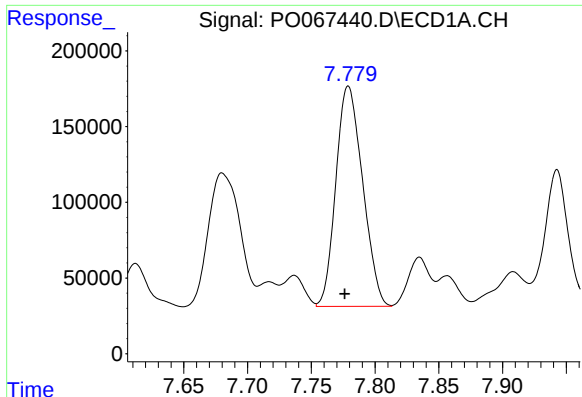
#27 AR-1254-2

R.T.: 7.398 min
Delta R.T.: 0.002 min
Response: 1827301
Conc: 1362.67 ng/ml



#27 AR-1254-2

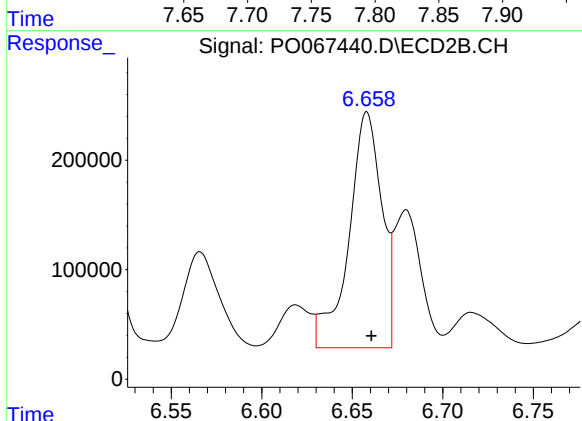
R.T.: 6.239 min
Delta R.T.: -0.002 min
Response: 1546662
Conc: 897.31 ng/ml



#28 AR-1254-3

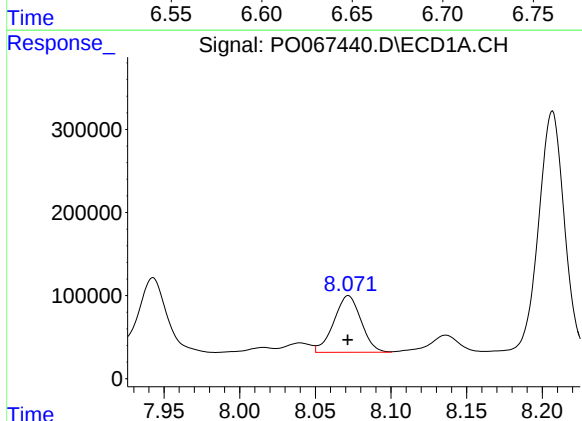
R.T.: 7.779 min
Delta R.T.: 0.003 min
Response: 2126340
Conc: 1467.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



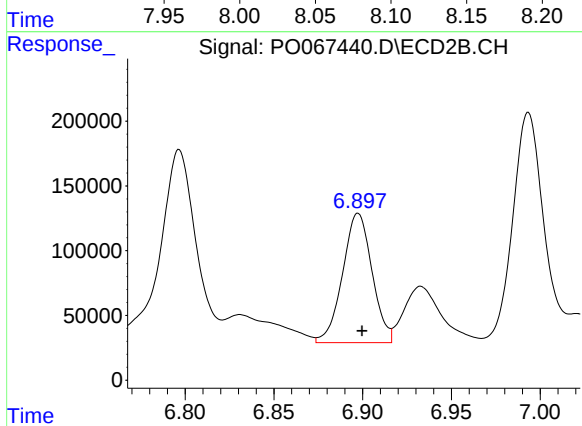
#28 AR-1254-3

R.T.: 6.658 min
Delta R.T.: -0.002 min
Response: 2727924
Conc: 972.63 ng/ml



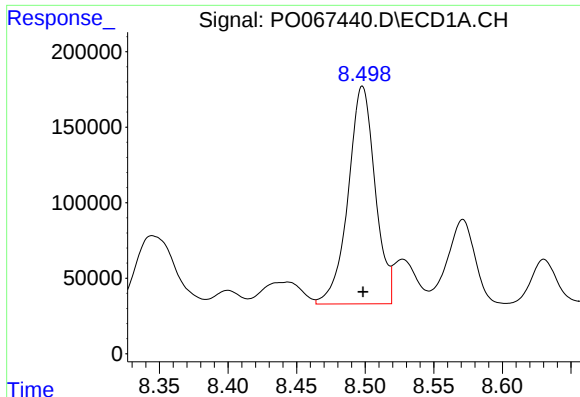
#29 AR-1254-4

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 854771
Conc: 756.12 ng/ml



#29 AR-1254-4

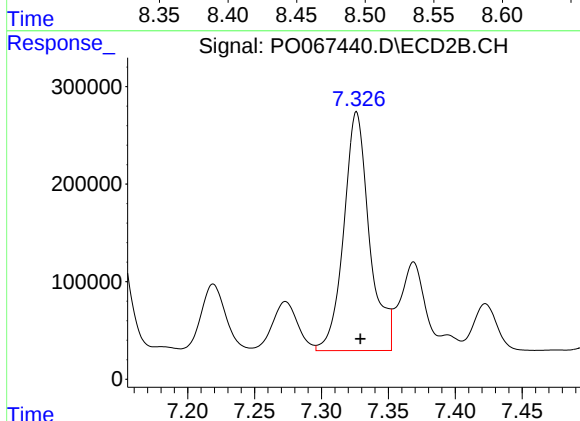
R.T.: 6.897 min
Delta R.T.: -0.002 min
Response: 1155447
Conc: 627.92 ng/ml



#30 AR-1254-5

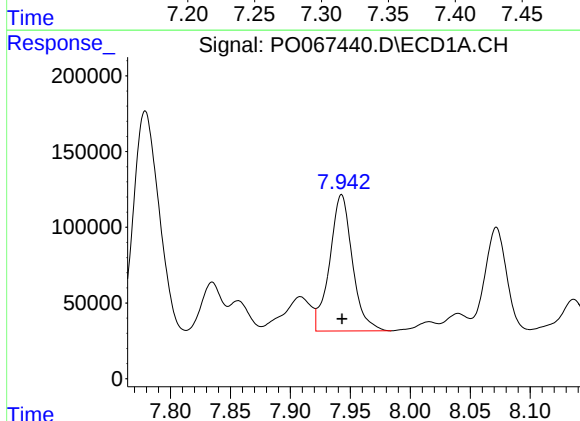
R.T.: 8.498 min
Delta R.T.: 0.000 min
Response: 1974147
Conc: 1600.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



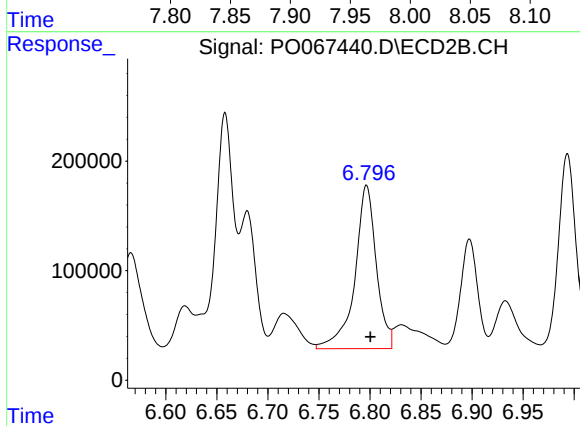
#30 AR-1254-5

R.T.: 7.326 min
Delta R.T.: -0.003 min
Response: 3267984
Conc: 1317.07 ng/ml



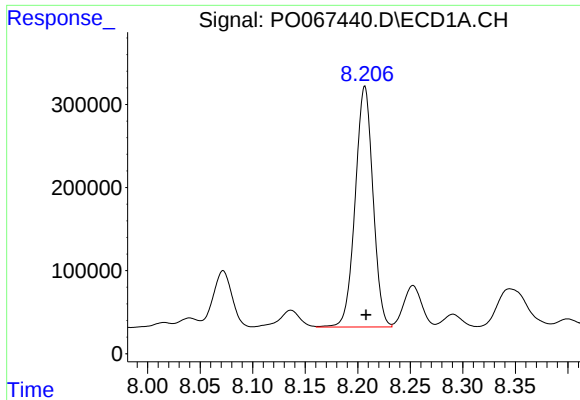
#31 AR-1260-1

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 1188656
Conc: 979.79 ng/ml



#31 AR-1260-1

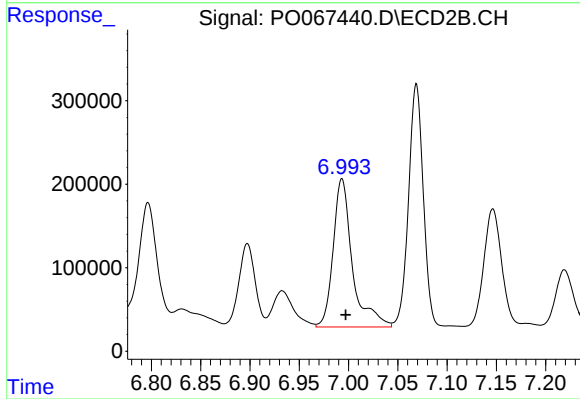
R.T.: 6.797 min
Delta R.T.: -0.004 min
Response: 2182751
Conc: 1018.65 ng/ml



#32 AR-1260-2

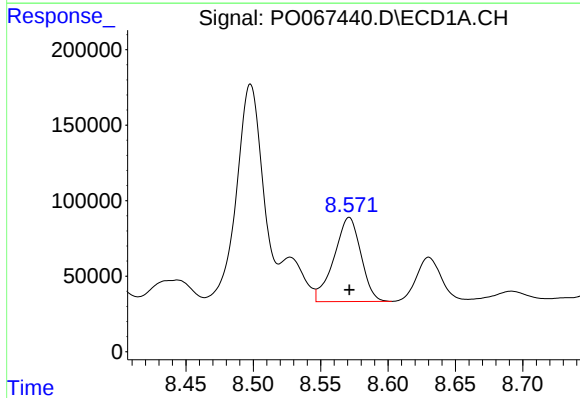
R.T.: 8.207 min
Delta R.T.: -0.001 min
Response: 3412256
Conc: 2278.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



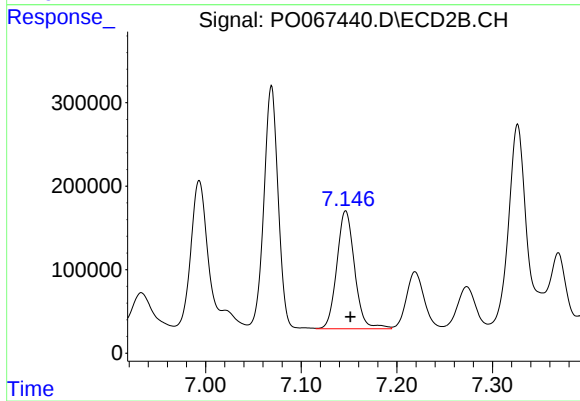
#32 AR-1260-2

R.T.: 6.993 min
Delta R.T.: -0.004 min
Response: 2411294
Conc: 912.53 ng/ml



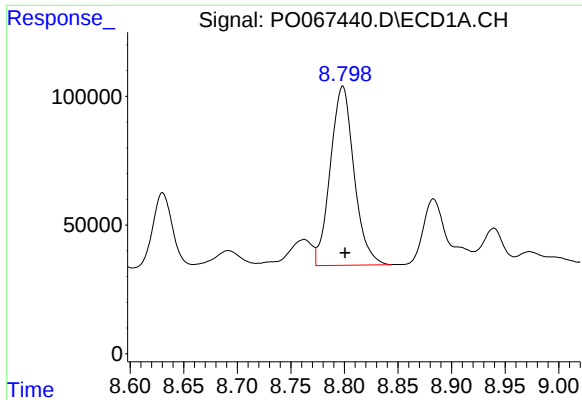
#33 AR-1260-3

R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 775358
Conc: 672.56 ng/ml



#33 AR-1260-3

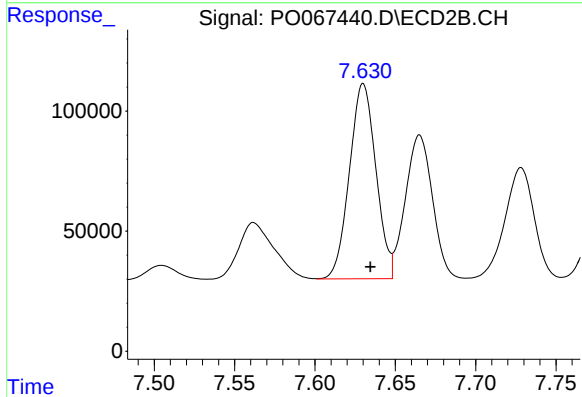
R.T.: 7.146 min
Delta R.T.: -0.005 min
Response: 1824787
Conc: 747.73 ng/ml



#34 AR-1260-4

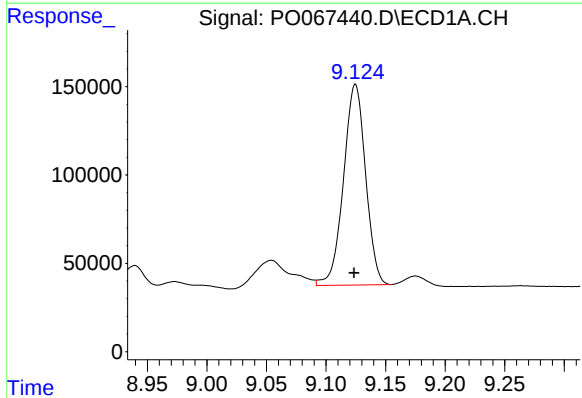
R.T.: 8.798 min
Delta R.T.: -0.002 min
Response: 1072662
Conc: 798.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



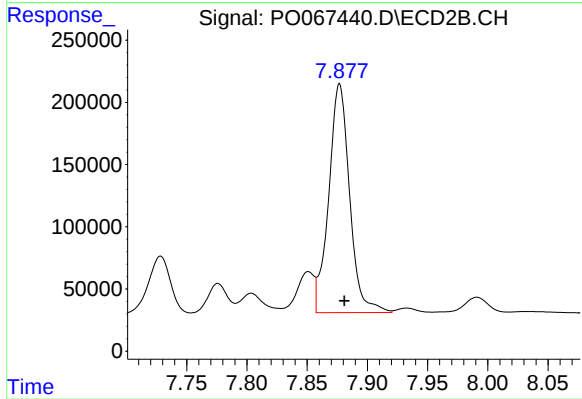
#34 AR-1260-4

R.T.: 7.630 min
Delta R.T.: -0.004 min
Response: 932126
Conc: 439.14 ng/ml



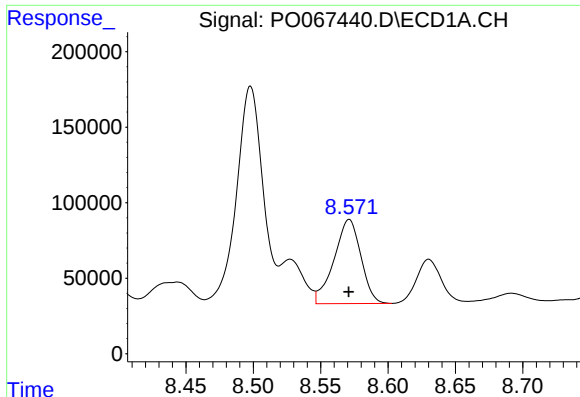
#35 AR-1260-5

R.T.: 9.125 min
Delta R.T.: 0.001 min
Response: 1467057
Conc: 516.28 ng/ml



#35 AR-1260-5

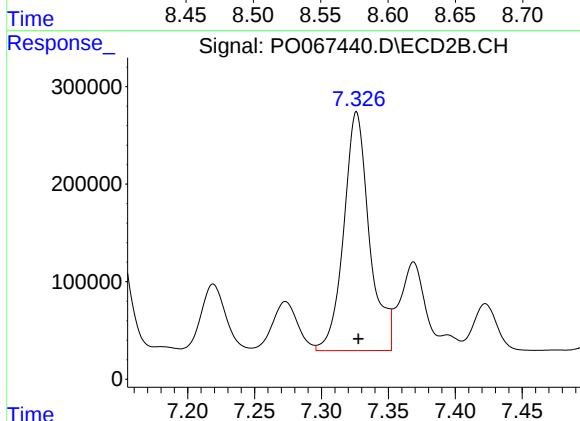
R.T.: 7.877 min
Delta R.T.: -0.004 min
Response: 2220312
Conc: 445.37 ng/ml



#36 AR-1262-1

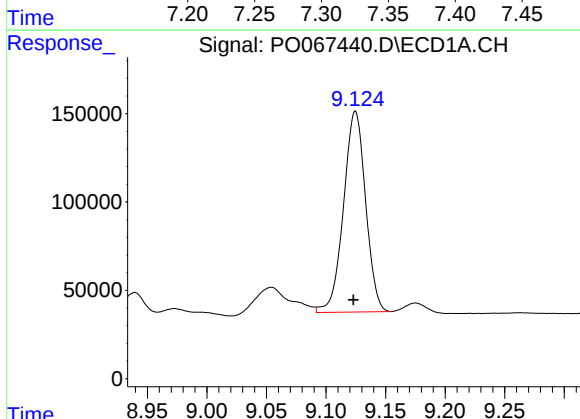
R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 775358
Conc: 532.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



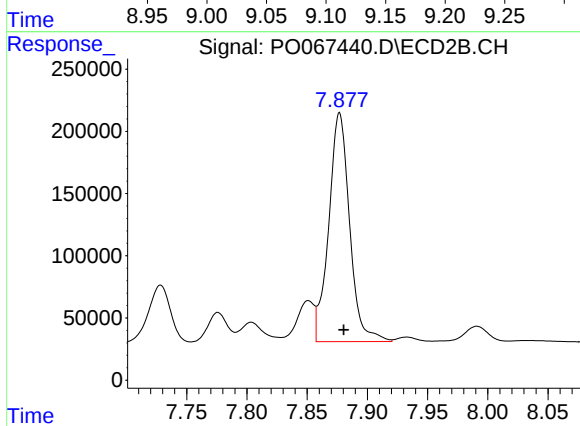
#36 AR-1262-1

R.T.: 7.326 min
Delta R.T.: -0.001 min
Response: 3267984
Conc: 2274.35 ng/ml



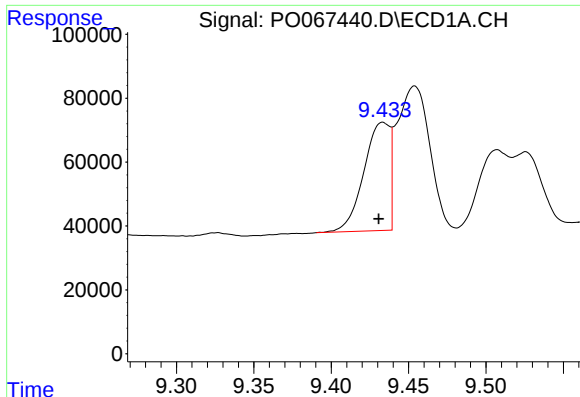
#37 AR-1262-2

R.T.: 9.125 min
Delta R.T.: 0.002 min
Response: 1467057
Conc: 530.86 ng/ml



#37 AR-1262-2

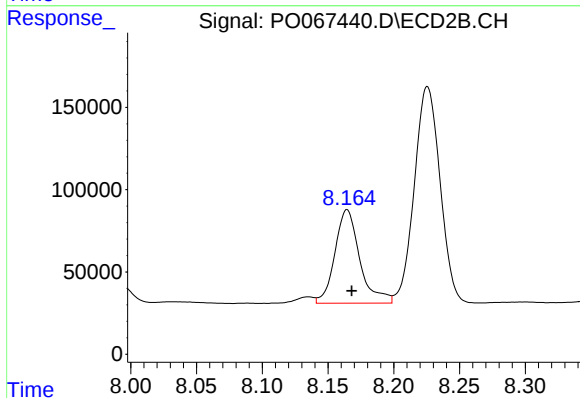
R.T.: 7.877 min
Delta R.T.: -0.003 min
Response: 2220312
Conc: 480.99 ng/ml



#38 AR-1262-3

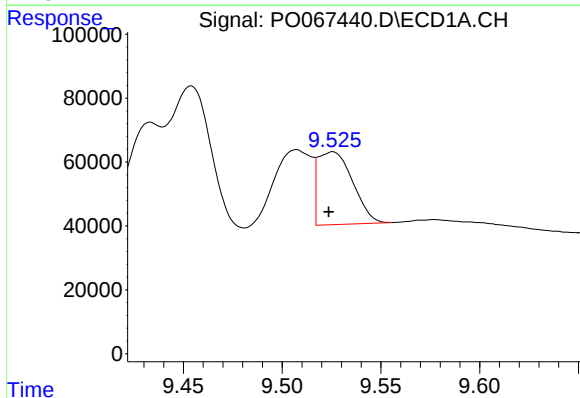
R.T.: 9.433 min
Delta R.T.: 0.003 min
Response: 395564
Conc: 203.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



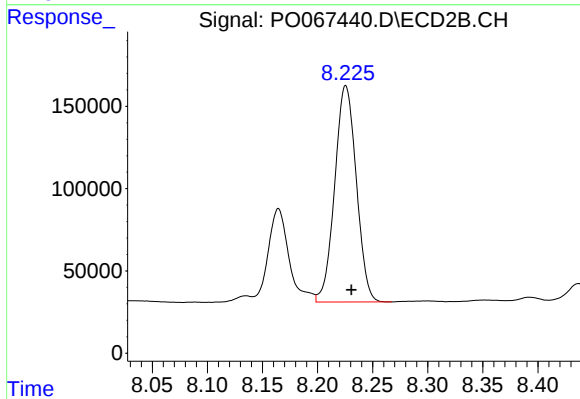
#38 AR-1262-3

R.T.: 8.164 min
Delta R.T.: -0.004 min
Response: 750413
Conc: 375.86 ng/ml



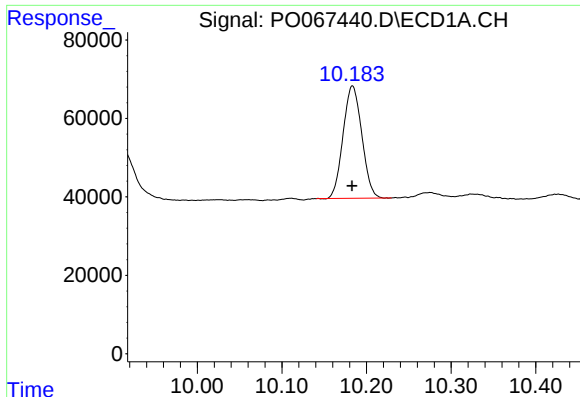
#39 AR-1262-4

R.T.: 9.526 min
Delta R.T.: 0.002 min
Response: 279233
Conc: 190.72 ng/ml



#39 AR-1262-4

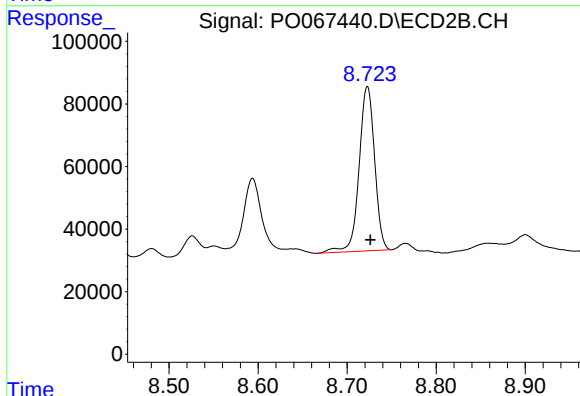
R.T.: 8.226 min
Delta R.T.: -0.005 min
Response: 1795777
Conc: 511.76 ng/ml



#40 AR-1262-5

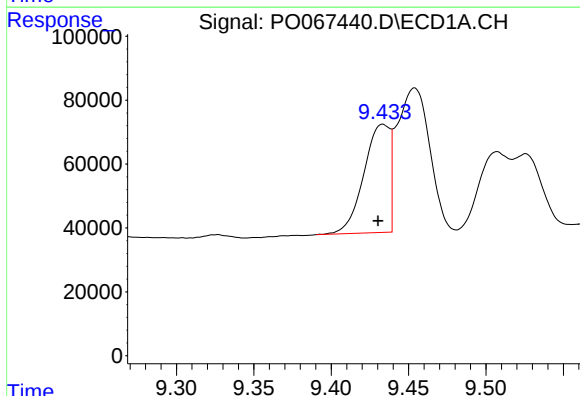
R.T.: 10.183 min
Delta R.T.: 0.000 min
Response: 440934
Conc: 403.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



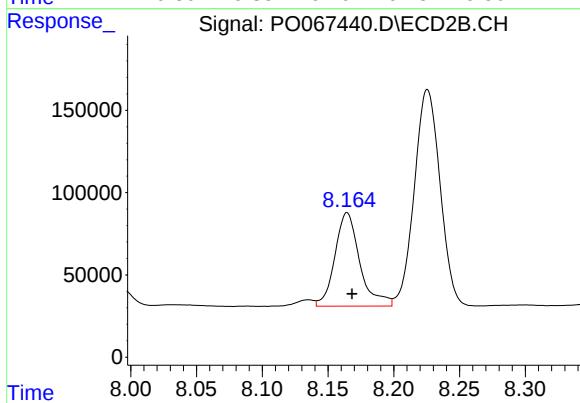
#40 AR-1262-5

R.T.: 8.723 min
Delta R.T.: -0.003 min
Response: 637363
Conc: 375.18 ng/ml



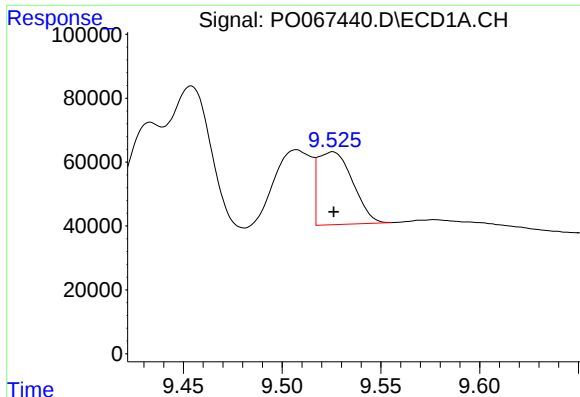
#41 AR-1268-1

R.T.: 9.433 min
Delta R.T.: 0.003 min
Response: 395564
Conc: 120.88 ng/ml



#41 AR-1268-1

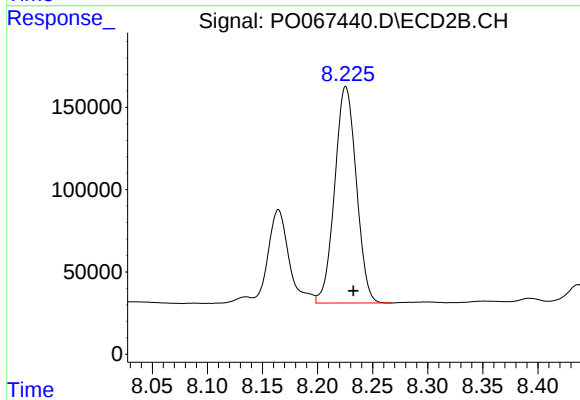
R.T.: 8.164 min
Delta R.T.: -0.004 min
Response: 750413
Conc: 141.41 ng/ml



#42 AR-1268-2

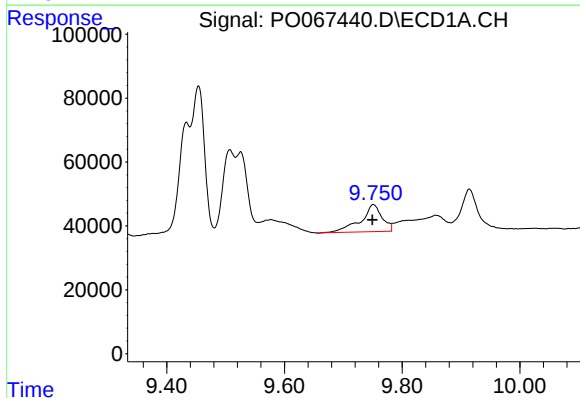
R.T.: 9.526 min
Delta R.T.: 0.000 min
Response: 279233
Conc: 91.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



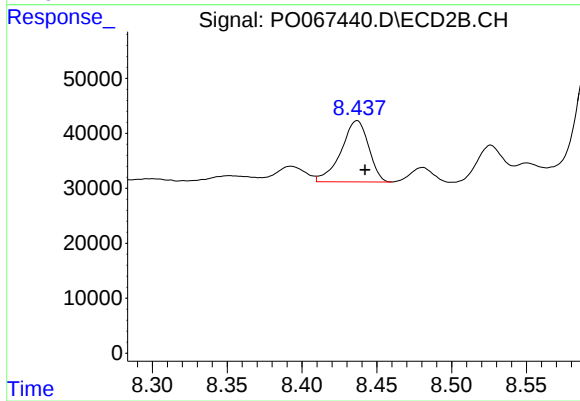
#42 AR-1268-2

R.T.: 8.226 min
Delta R.T.: -0.007 min
Response: 179577
Conc: 377.55 ng/ml



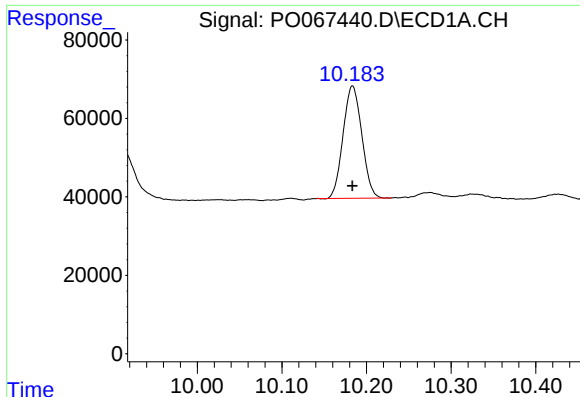
#43 AR-1268-3

R.T.: 9.751 min
Delta R.T.: 0.002 min
Response: 215282
Conc: 84.74 ng/ml



#43 AR-1268-3

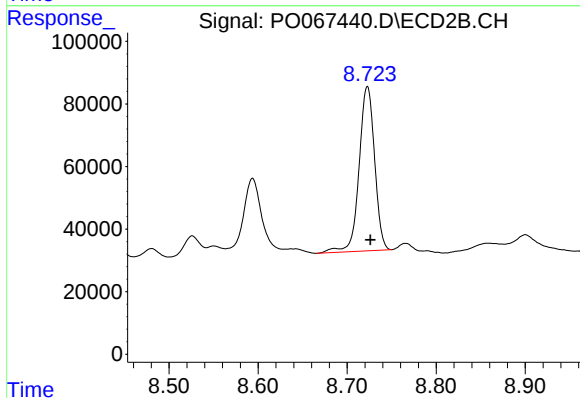
R.T.: 8.437 min
Delta R.T.: -0.005 min
Response: 142418
Conc: 36.36 ng/ml



#44 AR-1268-4

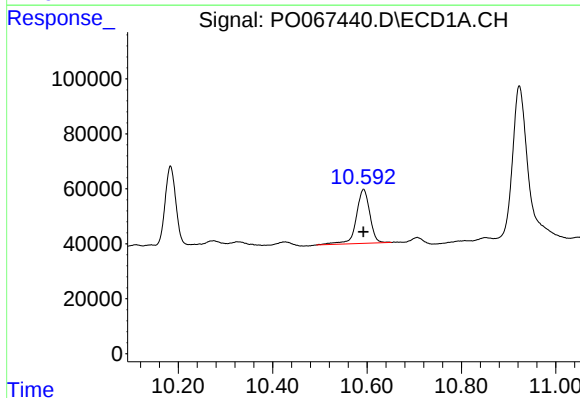
R.T.: 10.183 min
Delta R.T.: 0.000 min
Response: 440934
Conc: 363.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



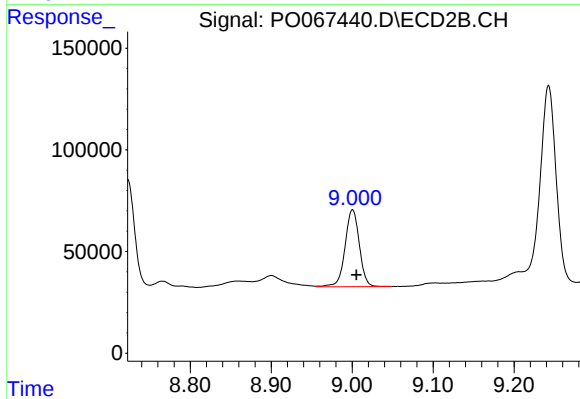
#44 AR-1268-4

R.T.: 8.723 min
Delta R.T.: -0.004 min
Response: 637363
Conc: 340.81 ng/ml



#45 AR-1268-5

R.T.: 10.593 min
Delta R.T.: 0.000 min
Response: 389221
Conc: 43.59 ng/ml



#45 AR-1268-5

R.T.: 9.001 min
Delta R.T.: -0.005 min
Response: 463883
Conc: 38.42 ng/ml