

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012821\
 Data File : P0075247.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Jan 2021 9:37
 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: Jan 29 07:50:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 29 07:43:22 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...	4.923	3.996	5174911	2432874	51.134	50.620
2)	SA Decachlor...	10.935	9.246	4910656	2377064	50.930	48.994
Target Compounds							
3)	L1 AR-1016-1	6.246	5.239	1974853	945453	499.889	487.240
4)	L1 AR-1016-2	6.270	5.259	2747868	1330408	501.191	496.164
5)	L1 AR-1016-3	6.336	5.449	1645124	714222	503.398	497.578
6)	L1 AR-1016-4	6.444	5.502	1380574	595517	501.974	496.876
7)	L1 AR-1016-5	6.759	5.728	1355675	719515	508.921	493.723
8)	L2 AR-1221-1	5.169	4.247	167426	89800	140.037	144.037
9)	L2 AR-1221-2	5.274	4.347	243049	127448	275.307	273.996
10)	L2 AR-1221-3	5.360	4.435	936706	488770	339.253	346.617
11)	L3 AR-1232-1	5.360	4.435	936706	488770	416.882	417.912
12)	L3 AR-1232-2	5.950	5.259	1295996	1330408	1141.818	1113.338
13)	L3 AR-1232-3	6.270	5.449	2747868	714222	1147.371	1125.069
14)	L3 AR-1232-4	6.444	5.546	1380574	694657	1171.325	1252.207
15)	L3 AR-1232-5	6.542	5.728	1115973	719515	1389.247	1208.034
16)	L4 AR-1242-1	6.246	5.239	1974853	945453	628.484	603.971
17)	L4 AR-1242-2	6.270	5.259	2747868	1330408	626.424	609.989
18)	L4 AR-1242-3	6.336	5.449	1645124	714222	619.291	604.324
19)	L4 AR-1242-4	6.444	5.546	1380574	694657	625.705	606.609
20)	L4 AR-1242-5	7.230	6.104	233535	559327	94.044	371.603 #
21)	L5 AR-1248-1	6.246	5.239	1974853	945453	848.441	787.651
22)	L5 AR-1248-2	6.542	5.502	1115973	595517	363.719	361.045
23)	L5 AR-1248-3	6.759	5.546	1355675	694657	377.061	417.466
24)	L5 AR-1248-4	7.190	5.728	273219	719515	61.665	365.577 #
25)	L5 AR-1248-5	7.230	6.147	233535	98322	55.323	47.071
26)	L6 AR-1254-1	7.159	6.104	944983	559327	219.260	180.592
27)	L6 AR-1254-2	7.389	6.263	1003994	510269	148.913	190.020 #
28)	L6 AR-1254-3	7.772	6.698f	544673	1009920	78.983	236.848 #
29)	L6 AR-1254-4	8.068	6.917	458748	170869	75.882	58.623
30)	L6 AR-1254-5	8.498	7.342	3494207	1765162	625.095	454.806 #
31)	L7 AR-1260-1	7.939	6.815	2334578	1314268	506.102	485.247
32)	L7 AR-1260-2	8.206	7.012	3240303	1636098	502.047	495.313
33)	L7 AR-1260-3	8.572	7.165	2787548	1462132	511.262	491.990
34)	L7 AR-1260-4	8.803	7.643	2690854	1257538	524.325	483.342
35)	L7 AR-1260-5	9.129	7.891	6004019	3116608	509.349	492.481
36)	L8 AR-1262-1	8.572	7.342	2787548	1765162	319.435	809.255 #
37)	L8 AR-1262-2	9.129	7.891	6004019	3116608	397.039	406.391
38)	L8 AR-1262-3	9.439	8.174	1459167	822223	139.675	248.456 #
39)	L8 AR-1262-4	9.514f	8.237	2304846	2266519	311.839	394.739 #
40)	L8 AR-1262-5	10.195	8.732	1724654	888319	332.565	322.925
41)	L9 AR-1268-1	9.439	8.174	1459167	822223	77.464	88.127

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012821\
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 Operator : AJ/MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

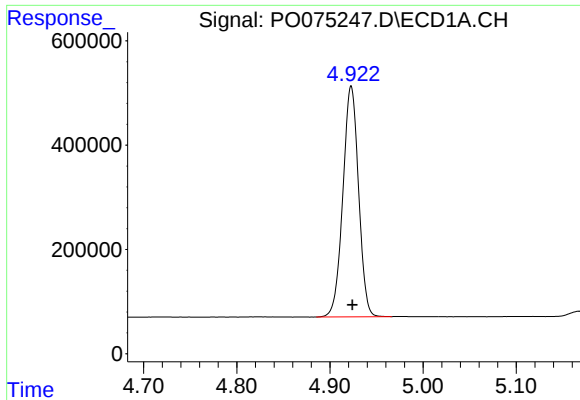
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 07:50:20 2021
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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	9.514f	8.237	2304846	2266519	145.349	270.552 #
43) L9	AR-1268-3	9.757	8.443	307257	74405	22.109	10.277 #
44) L9	AR-1268-4	10.195	8.732	1724654	888319	292.767	281.955
45) L9	AR-1268-5	10.606	9.007	559504	285586	13.397	13.461

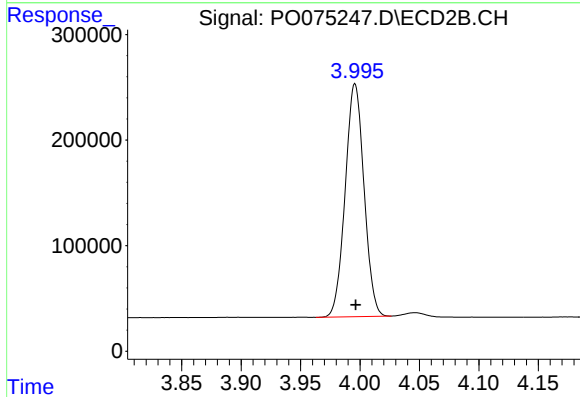
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

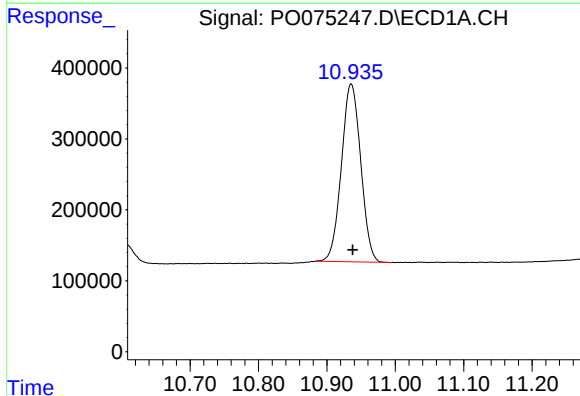
R.T.: 4.923 min
Delta R.T.: -0.001 min
Response: 5174911
Conc: 51.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



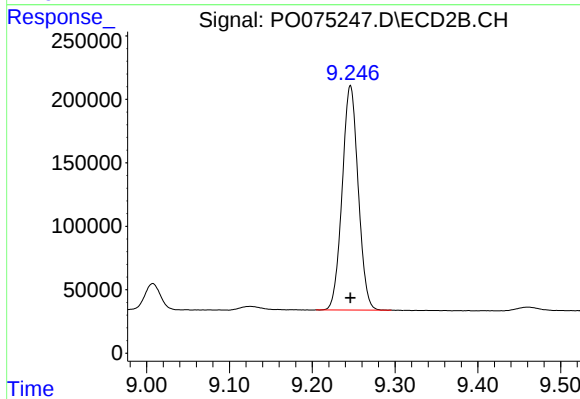
#1 Tetrachloro-m-xylene

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 2432874
Conc: 50.62 ng/ml



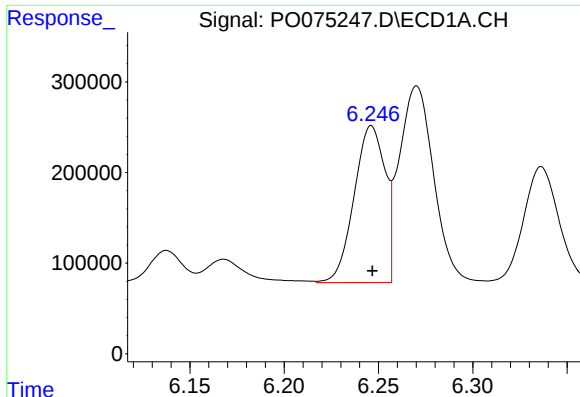
#2 Decachlorobiphenyl

R.T.: 10.935 min
Delta R.T.: -0.002 min
Response: 4910656
Conc: 50.93 ng/ml



#2 Decachlorobiphenyl

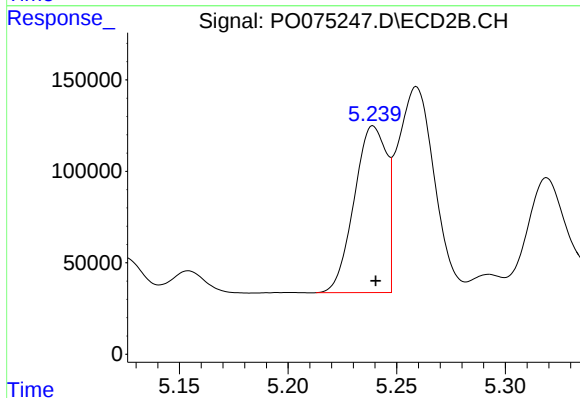
R.T.: 9.246 min
Delta R.T.: 0.000 min
Response: 2377064
Conc: 48.99 ng/ml



#3 AR-1016-1

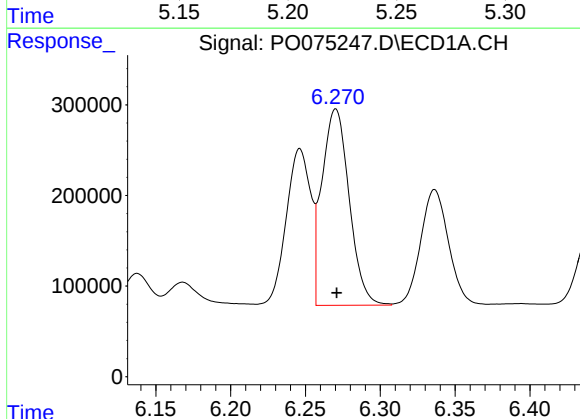
R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 1974853
Conc: 499.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



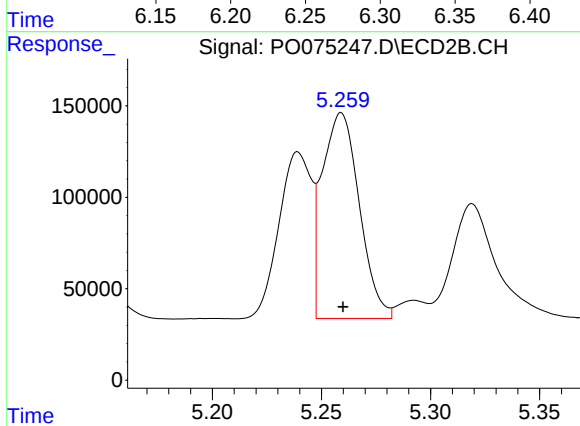
#3 AR-1016-1

R.T.: 5.239 min
Delta R.T.: -0.001 min
Response: 945453
Conc: 487.24 ng/ml



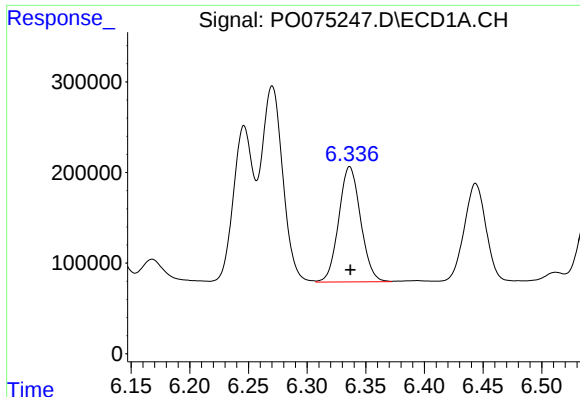
#4 AR-1016-2

R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 2747868
Conc: 501.19 ng/ml



#4 AR-1016-2

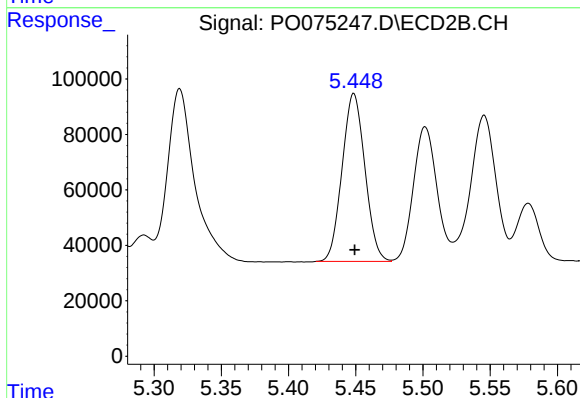
R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 1330408
Conc: 496.16 ng/ml



#5 AR-1016-3

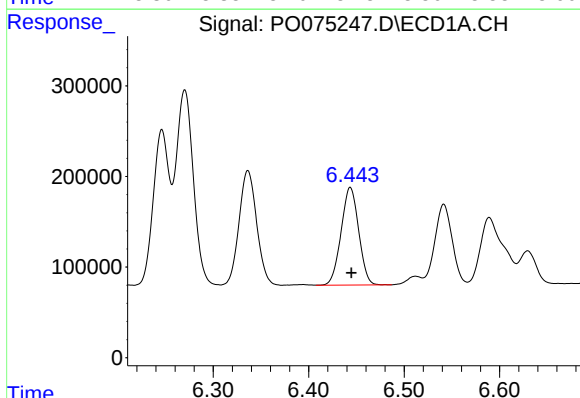
R.T.: 6.336 min
Delta R.T.: 0.000 min
Response: 1645124
Conc: 503.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



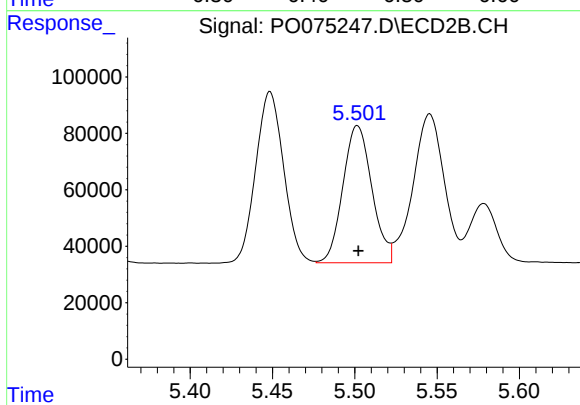
#5 AR-1016-3

R.T.: 5.449 min
Delta R.T.: 0.000 min
Response: 714222
Conc: 497.58 ng/ml



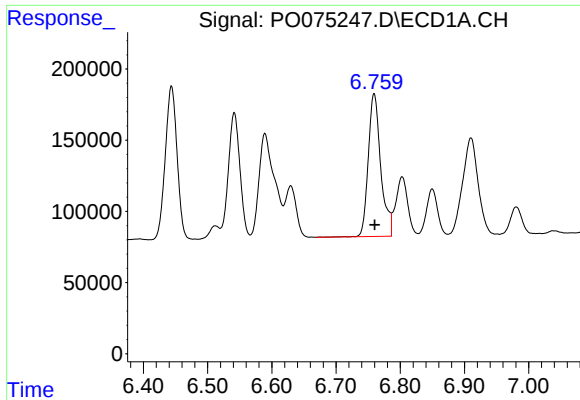
#6 AR-1016-4

R.T.: 6.444 min
Delta R.T.: -0.001 min
Response: 1380574
Conc: 501.97 ng/ml



#6 AR-1016-4

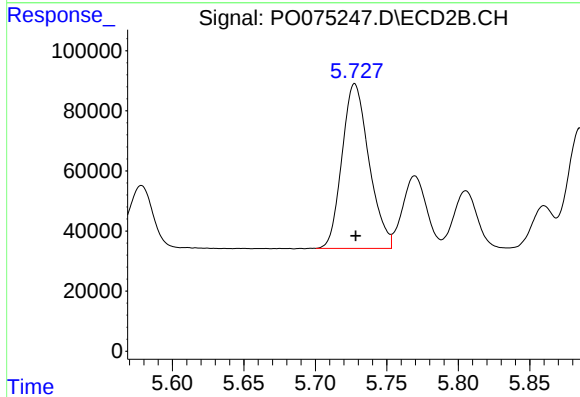
R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 595517
Conc: 496.88 ng/ml



#7 AR-1016-5

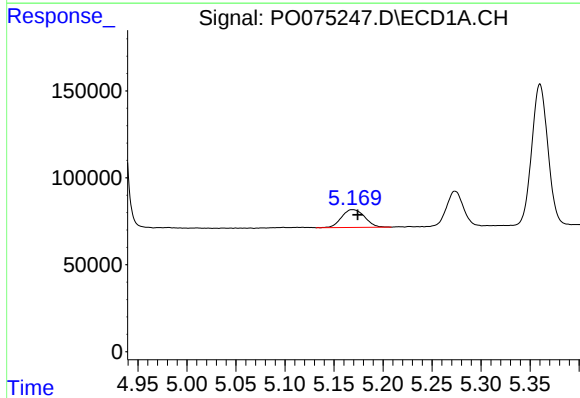
R.T.: 6.759 min
Delta R.T.: -0.001 min
Response: 1355675
Conc: 508.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



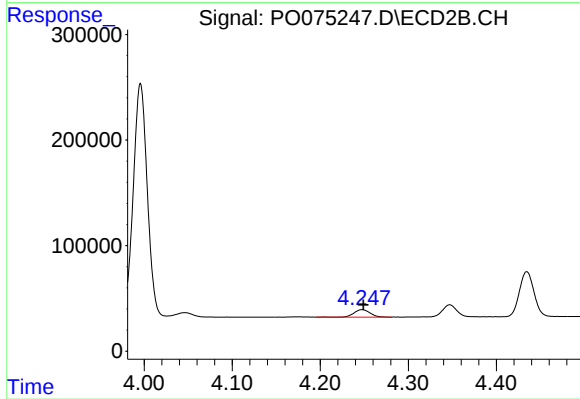
#7 AR-1016-5

R.T.: 5.728 min
Delta R.T.: 0.000 min
Response: 719515
Conc: 493.72 ng/ml



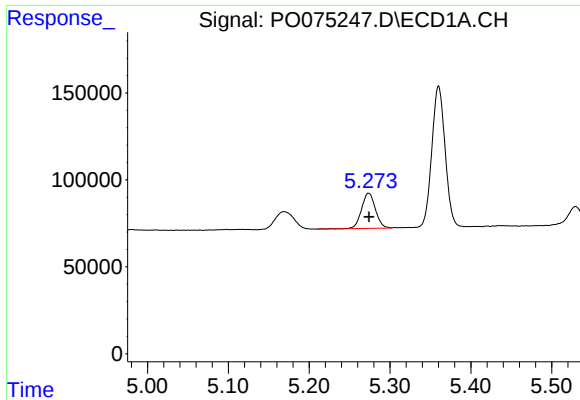
#8 AR-1221-1

R.T.: 5.169 min
Delta R.T.: -0.005 min
Response: 167426
Conc: 140.04 ng/ml



#8 AR-1221-1

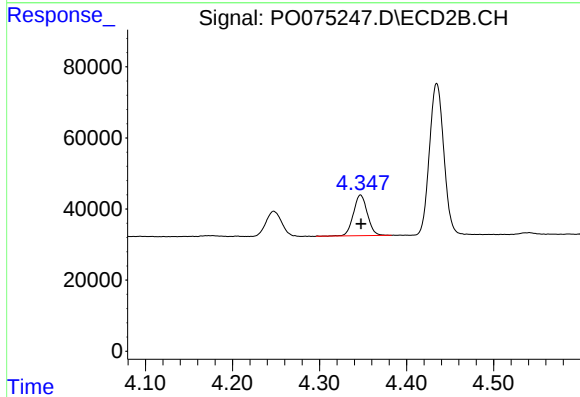
R.T.: 4.247 min
Delta R.T.: -0.001 min
Response: 89800
Conc: 144.04 ng/ml



#9 AR-1221-2

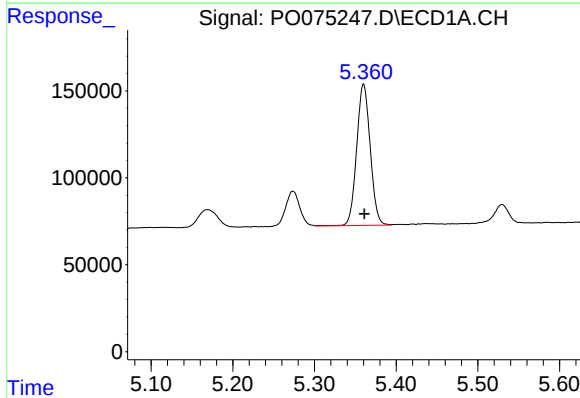
R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 243049
Conc: 275.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



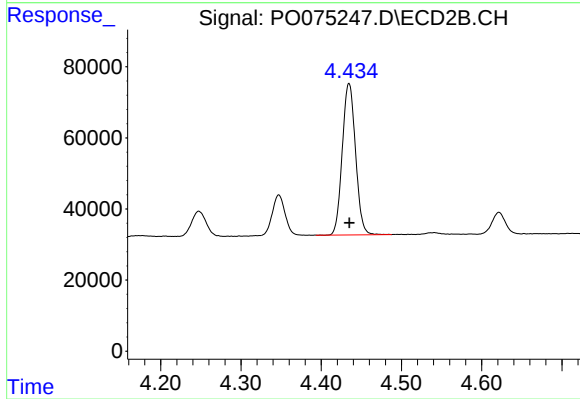
#9 AR-1221-2

R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 127448
Conc: 274.00 ng/ml



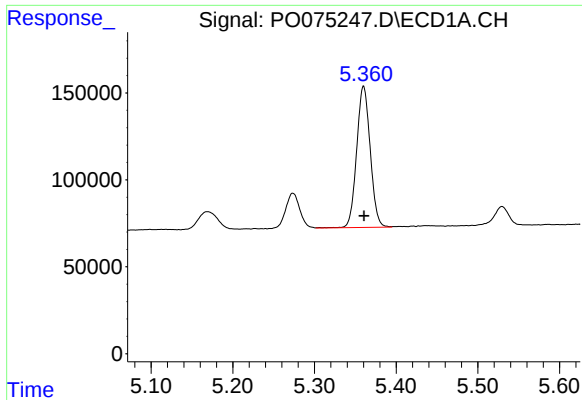
#10 AR-1221-3

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 936706
Conc: 339.25 ng/ml



#10 AR-1221-3

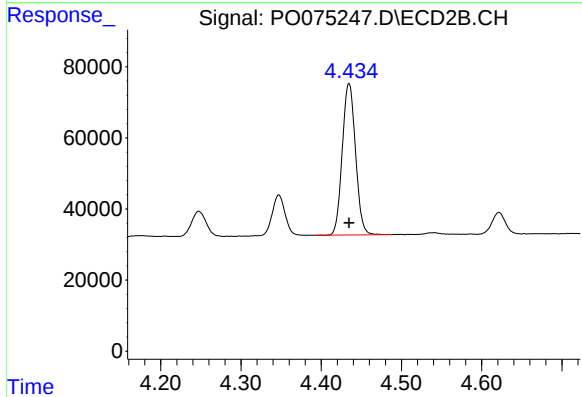
R.T.: 4.435 min
Delta R.T.: 0.000 min
Response: 488770
Conc: 346.62 ng/ml



#11 AR-1232-1

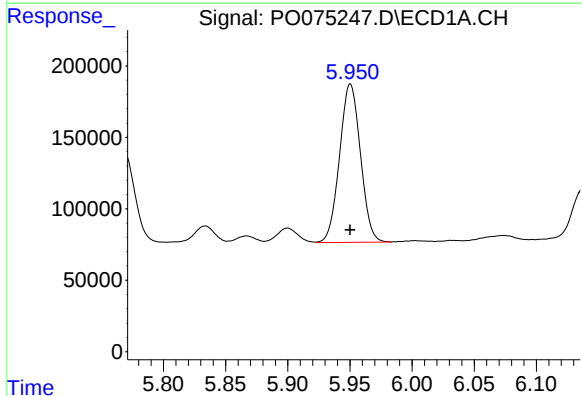
R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 936706
Conc: 416.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



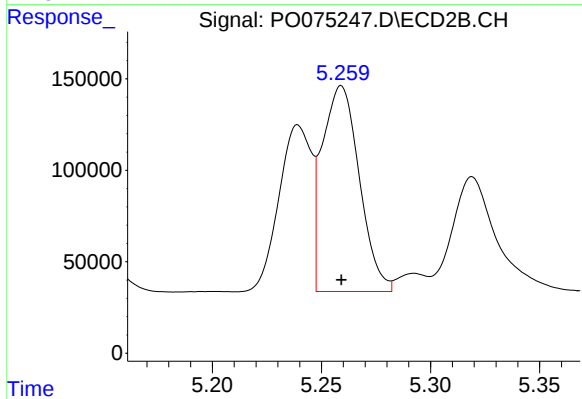
#11 AR-1232-1

R.T.: 4.435 min
Delta R.T.: 0.000 min
Response: 488770
Conc: 417.91 ng/ml



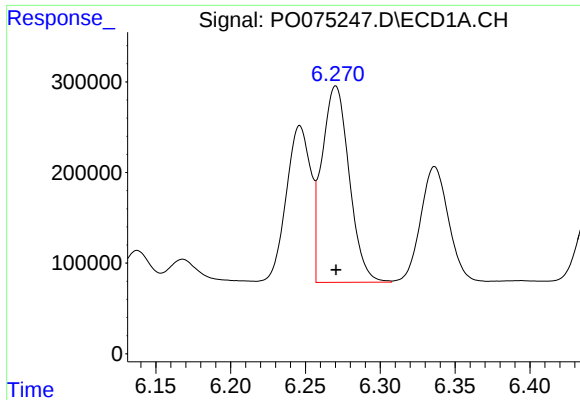
#12 AR-1232-2

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 1295996
Conc: 1141.82 ng/ml



#12 AR-1232-2

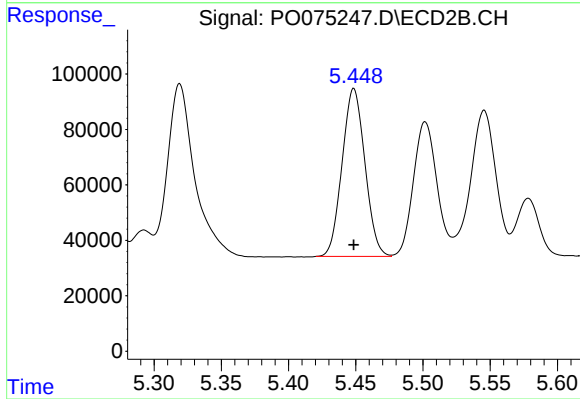
R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 1330408
Conc: 1113.34 ng/ml



#13 AR-1232-3

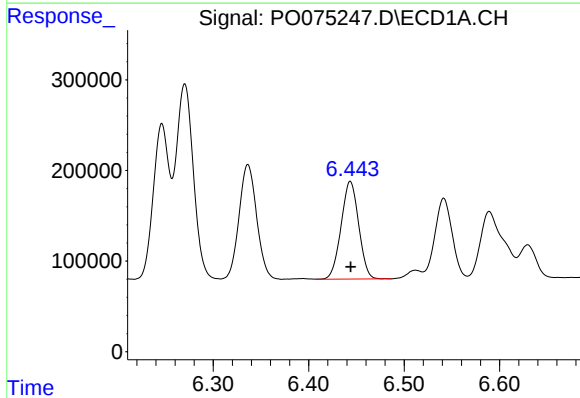
R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 2747868
Conc: 1147.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



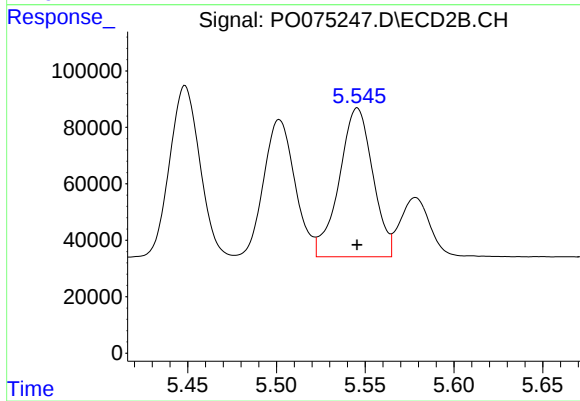
#13 AR-1232-3

R.T.: 5.449 min
Delta R.T.: 0.000 min
Response: 714222
Conc: 1125.07 ng/ml



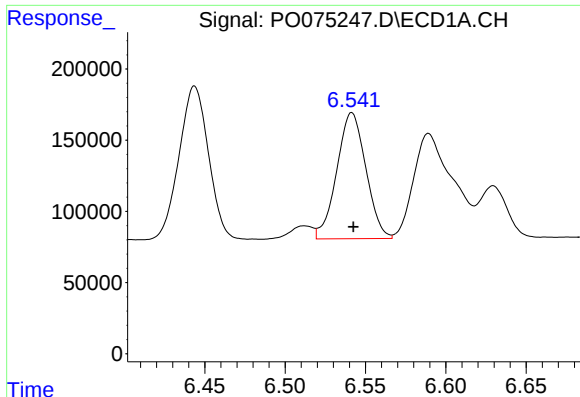
#14 AR-1232-4

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 1380574
Conc: 1171.33 ng/ml



#14 AR-1232-4

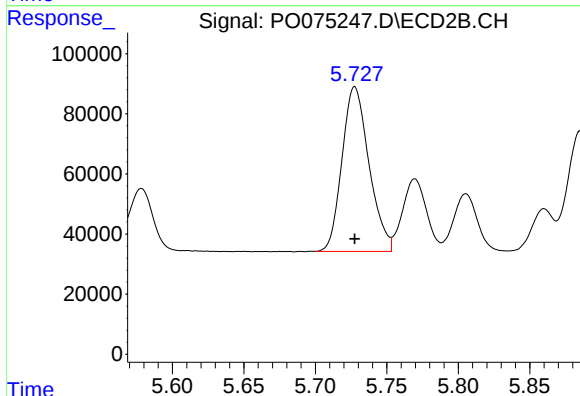
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 694657
Conc: 1252.21 ng/ml



#15 AR-1232-5

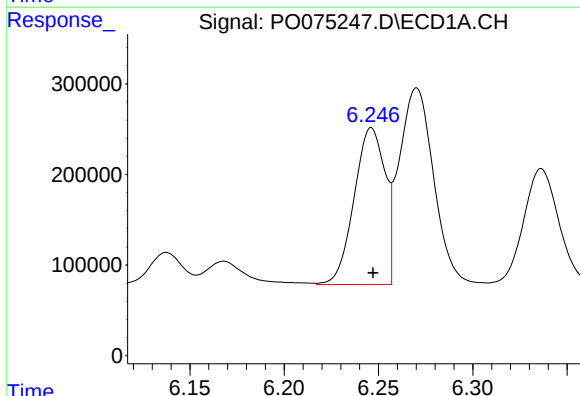
R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 1115973
Conc: 1389.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



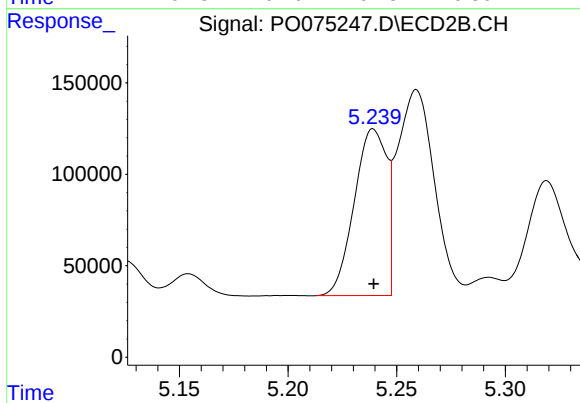
#15 AR-1232-5

R.T.: 5.728 min
Delta R.T.: 0.000 min
Response: 719515
Conc: 1208.03 ng/ml



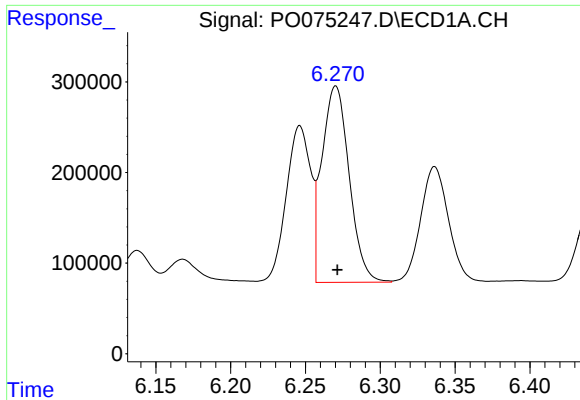
#16 AR-1242-1

R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 1974853
Conc: 628.48 ng/ml



#16 AR-1242-1

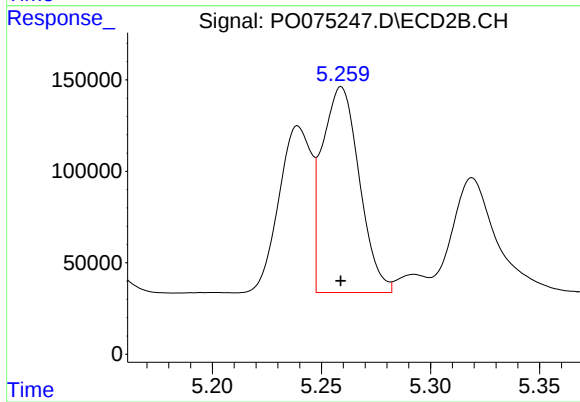
R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 945453
Conc: 603.97 ng/ml



#17 AR-1242-2

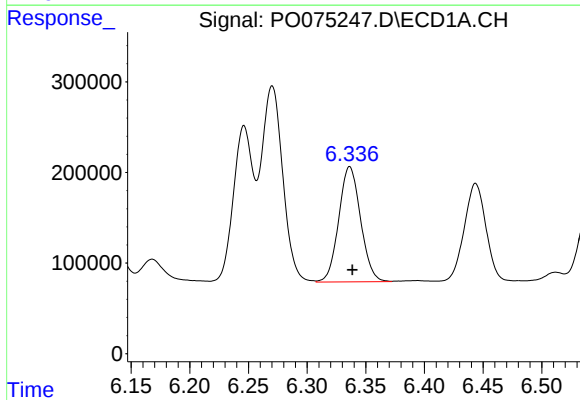
R.T.: 6.270 min
Delta R.T.: -0.001 min
Response: 2747868
Conc: 626.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



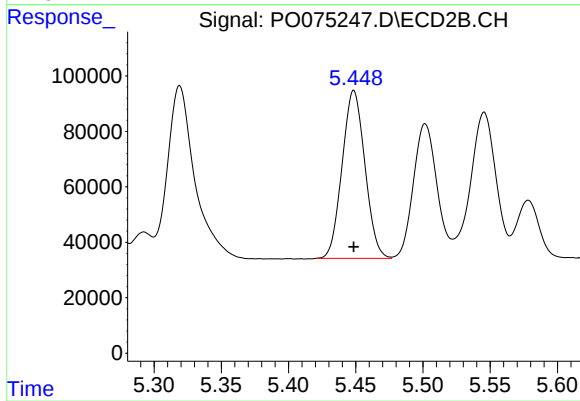
#17 AR-1242-2

R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 1330408
Conc: 609.99 ng/ml



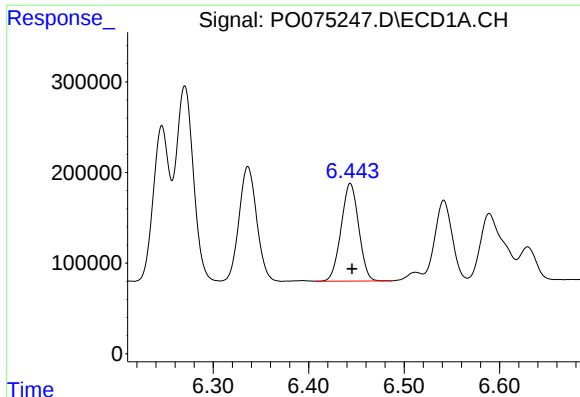
#18 AR-1242-3

R.T.: 6.336 min
Delta R.T.: -0.002 min
Response: 1645124
Conc: 619.29 ng/ml



#18 AR-1242-3

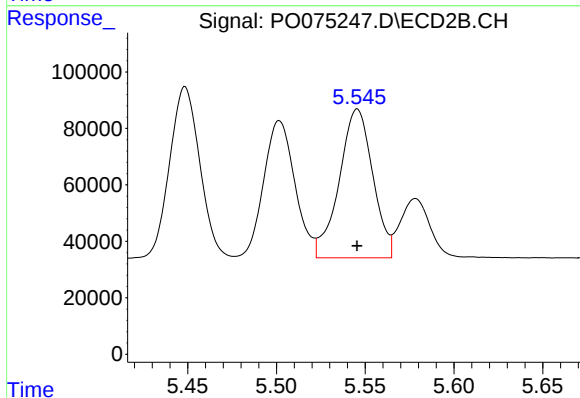
R.T.: 5.449 min
Delta R.T.: 0.000 min
Response: 714222
Conc: 604.32 ng/ml



#19 AR-1242-4

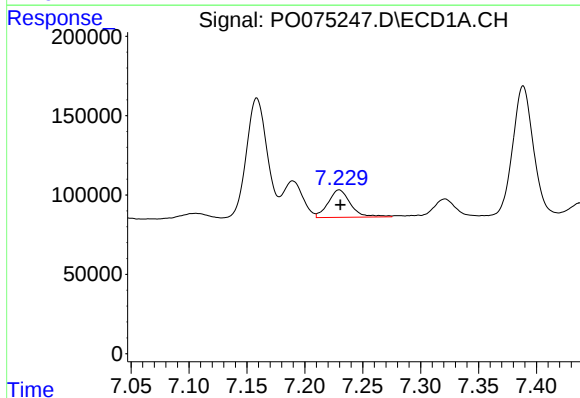
R.T.: 6.444 min
Delta R.T.: -0.002 min
Response: 1380574
Conc: 625.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



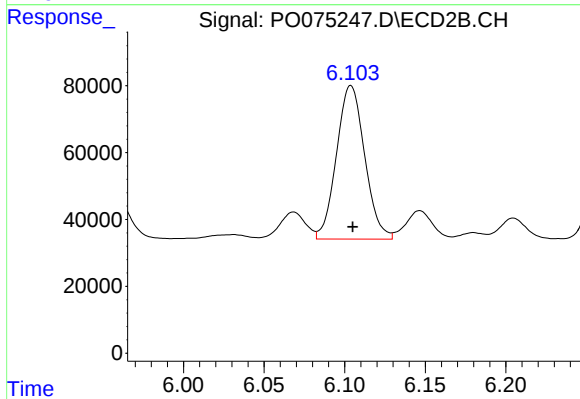
#19 AR-1242-4

R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 694657
Conc: 606.61 ng/ml



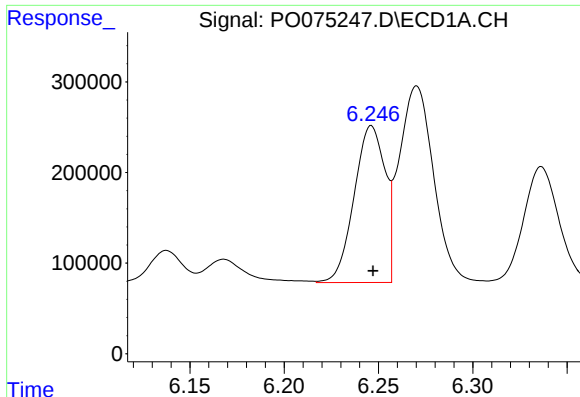
#20 AR-1242-5

R.T.: 7.230 min
Delta R.T.: 0.000 min
Response: 233535
Conc: 94.04 ng/ml



#20 AR-1242-5

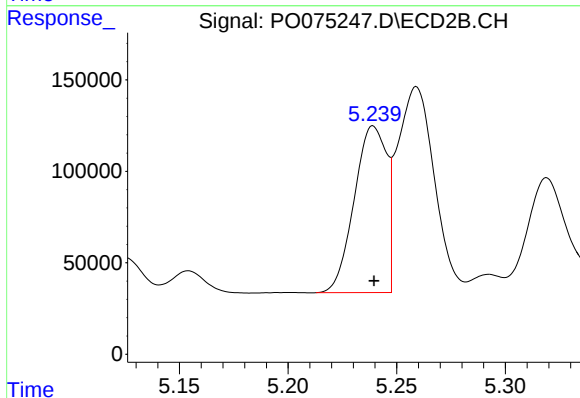
R.T.: 6.104 min
Delta R.T.: -0.001 min
Response: 559327
Conc: 371.60 ng/ml



#21 AR-1248-1

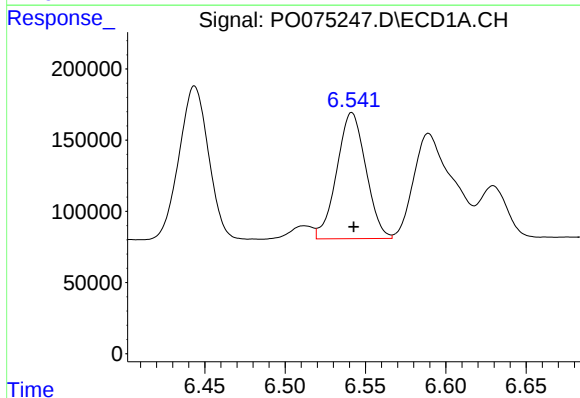
R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 1974853
Conc: 848.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



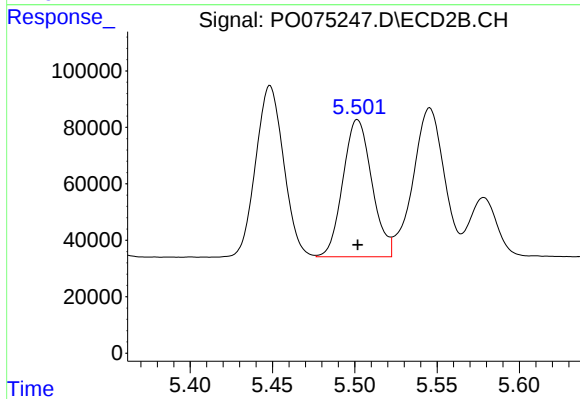
#21 AR-1248-1

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 945453
Conc: 787.65 ng/ml



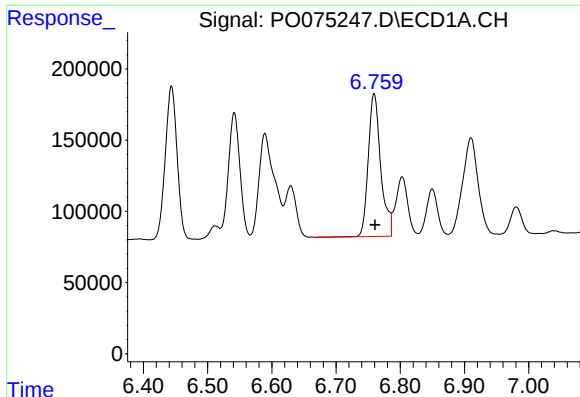
#22 AR-1248-2

R.T.: 6.542 min
Delta R.T.: -0.001 min
Response: 1115973
Conc: 363.72 ng/ml



#22 AR-1248-2

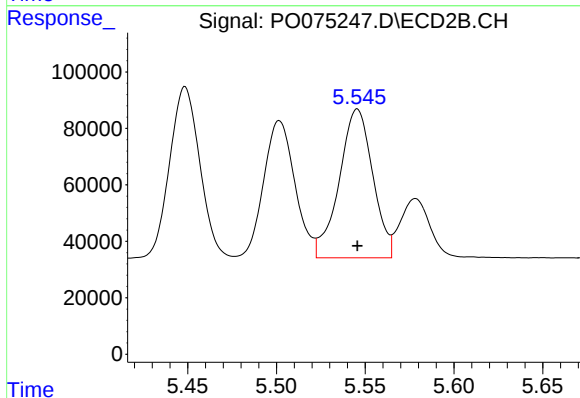
R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 595517
Conc: 361.05 ng/ml



#23 AR-1248-3

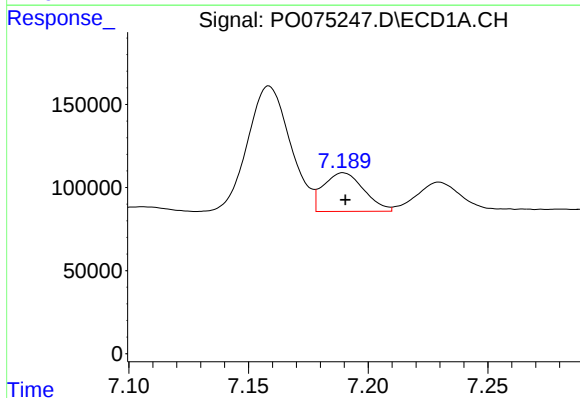
R.T.: 6.759 min
Delta R.T.: -0.001 min
Response: 1355675
Conc: 377.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



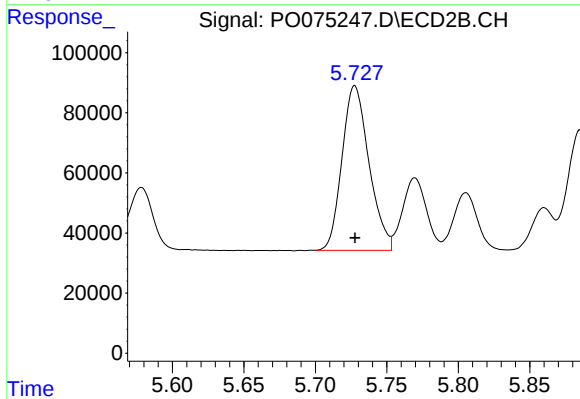
#23 AR-1248-3

R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 694657
Conc: 417.47 ng/ml



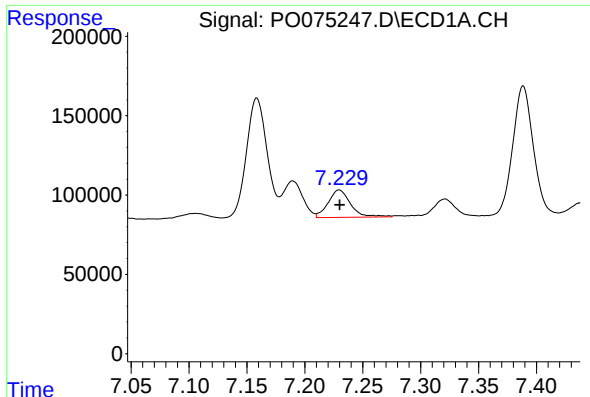
#24 AR-1248-4

R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 273219
Conc: 61.67 ng/ml



#24 AR-1248-4

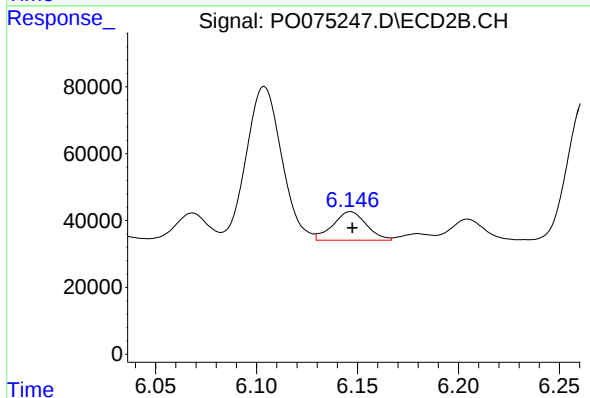
R.T.: 5.728 min
Delta R.T.: 0.000 min
Response: 719515
Conc: 365.58 ng/ml



#25 AR-1248-5

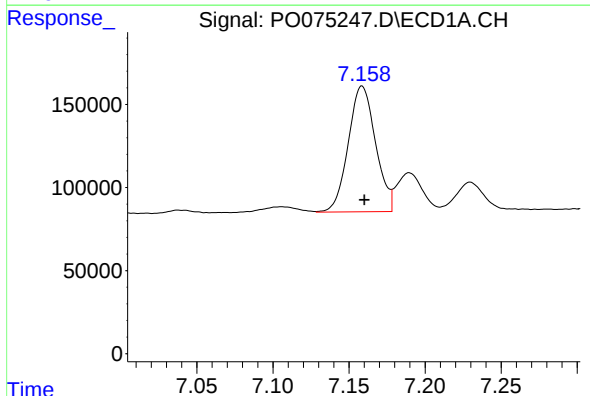
R.T.: 7.230 min
Delta R.T.: 0.000 min
Response: 233535
Conc: 55.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



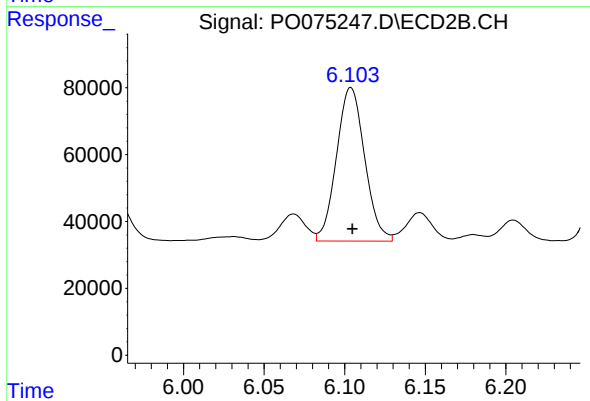
#25 AR-1248-5

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 98322
Conc: 47.07 ng/ml



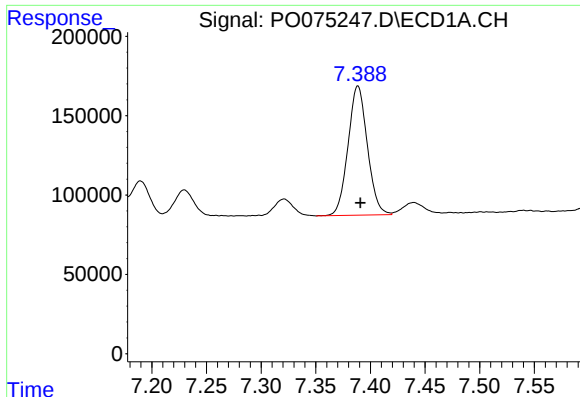
#26 AR-1254-1

R.T.: 7.159 min
Delta R.T.: -0.002 min
Response: 944983
Conc: 219.26 ng/ml



#26 AR-1254-1

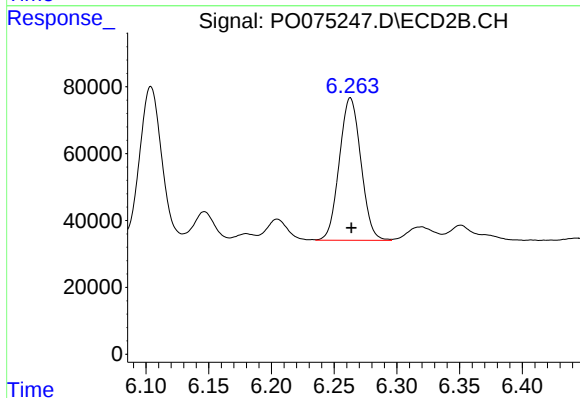
R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 559327
Conc: 180.59 ng/ml



#27 AR-1254-2

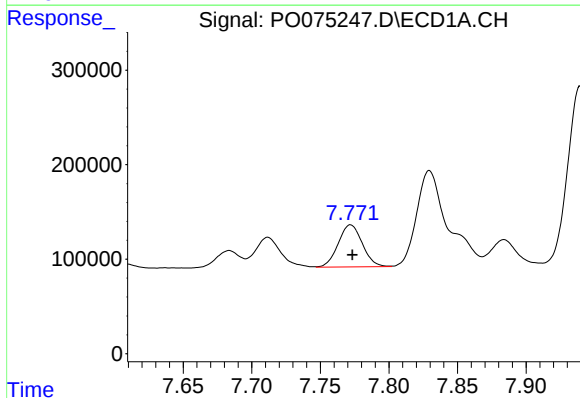
R.T.: 7.389 min
Delta R.T.: -0.002 min
Response: 1003994
Conc: 148.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



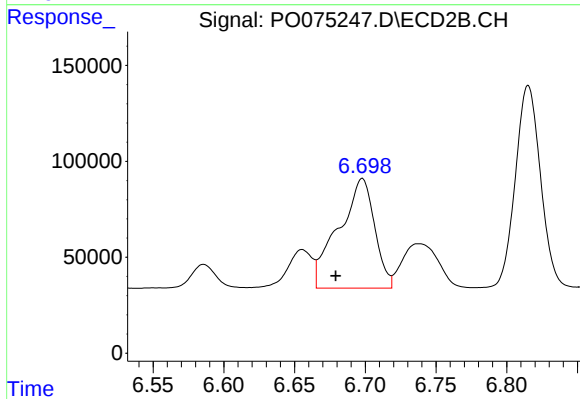
#27 AR-1254-2

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 510269
Conc: 190.02 ng/ml



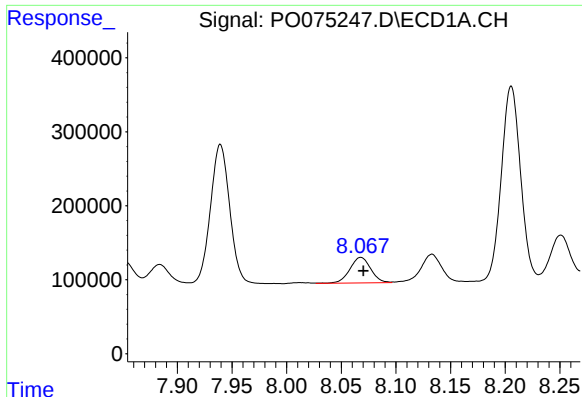
#28 AR-1254-3

R.T.: 7.772 min
Delta R.T.: -0.001 min
Response: 544673
Conc: 78.98 ng/ml



#28 AR-1254-3

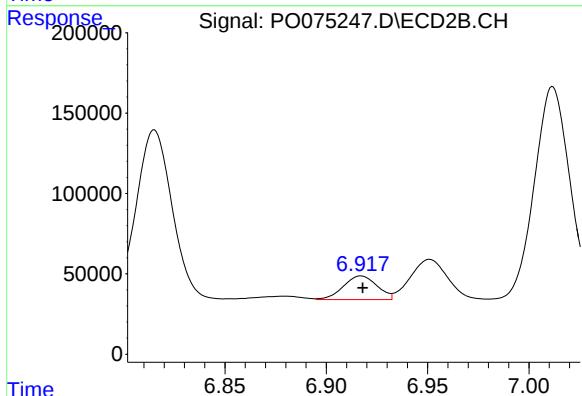
R.T.: 6.698 min
Delta R.T.: 0.019 min
Response: 1009920
Conc: 236.85 ng/ml



#29 AR-1254-4

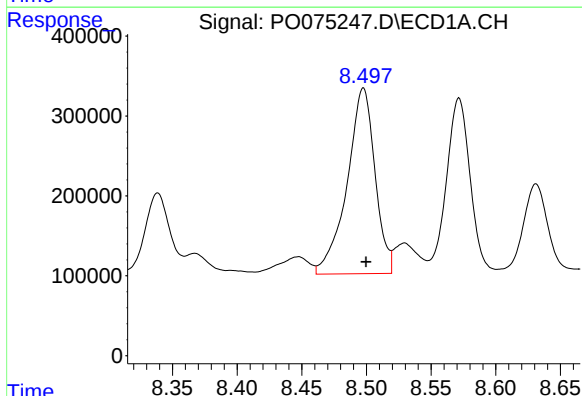
R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 458748
Conc: 75.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



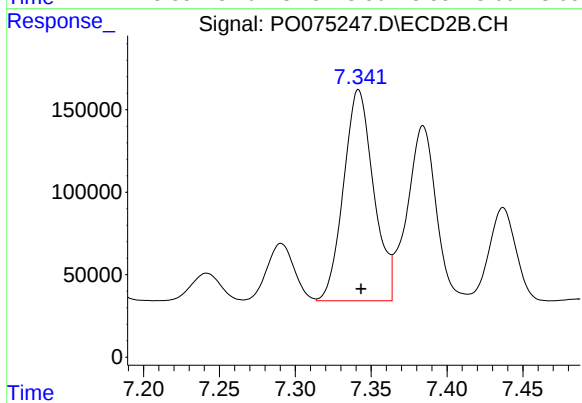
#29 AR-1254-4

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 170869
Conc: 58.62 ng/ml



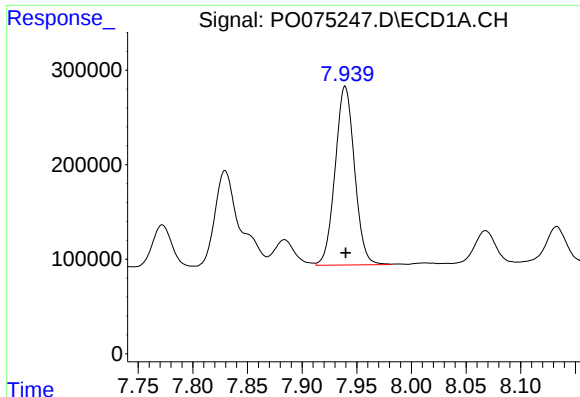
#30 AR-1254-5

R.T.: 8.498 min
Delta R.T.: -0.002 min
Response: 3494207
Conc: 625.10 ng/ml



#30 AR-1254-5

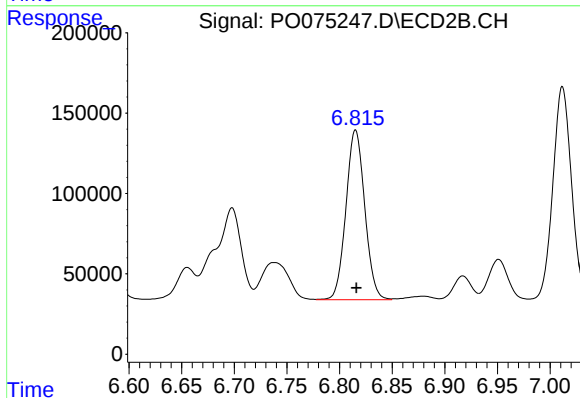
R.T.: 7.342 min
Delta R.T.: -0.002 min
Response: 1765162
Conc: 454.81 ng/ml



#31 AR-1260-1

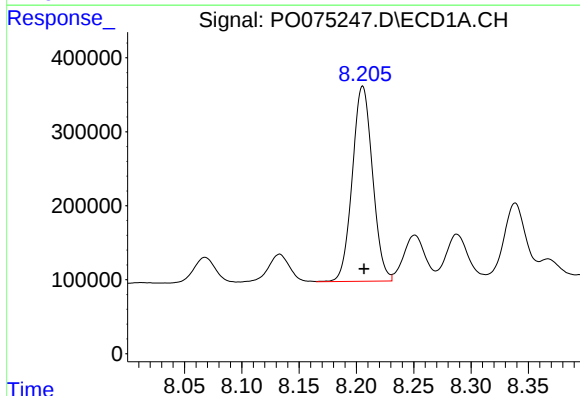
R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 2334578
Conc: 506.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



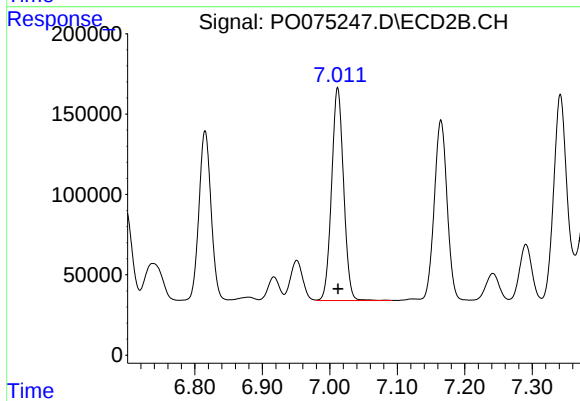
#31 AR-1260-1

R.T.: 6.815 min
Delta R.T.: 0.000 min
Response: 1314268
Conc: 485.25 ng/ml



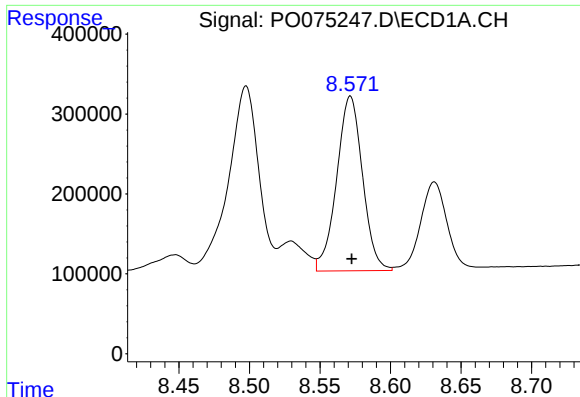
#32 AR-1260-2

R.T.: 8.206 min
Delta R.T.: -0.001 min
Response: 3240303
Conc: 502.05 ng/ml



#32 AR-1260-2

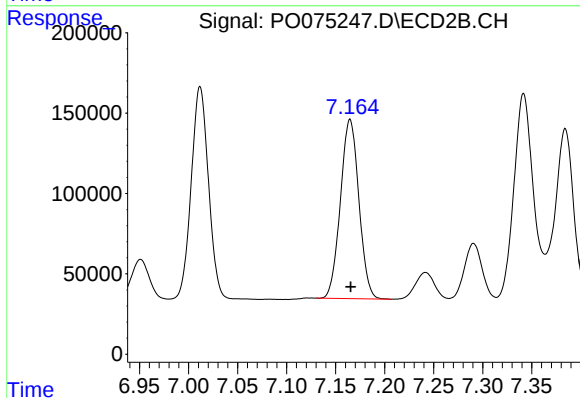
R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 1636098
Conc: 495.31 ng/ml



#33 AR-1260-3

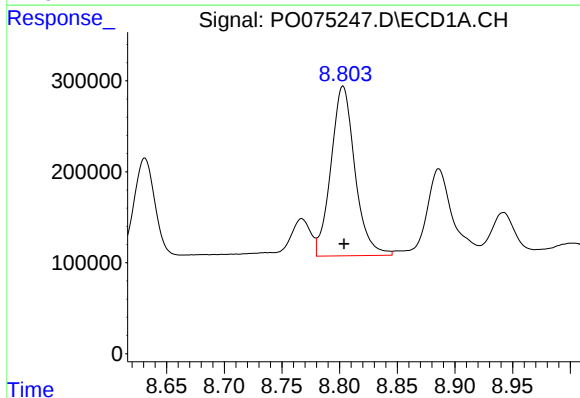
R.T.: 8.572 min
Delta R.T.: 0.000 min
Response: 2787548
Conc: 511.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



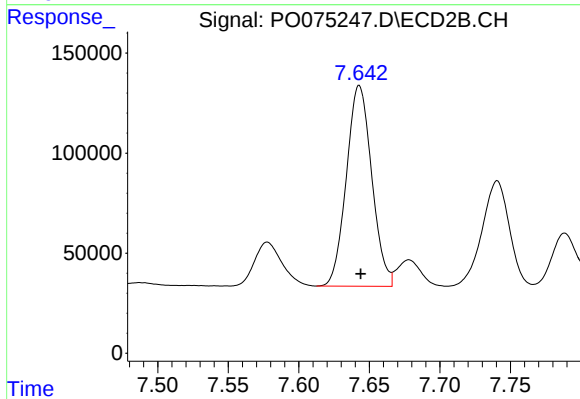
#33 AR-1260-3

R.T.: 7.165 min
Delta R.T.: 0.000 min
Response: 1462132
Conc: 491.99 ng/ml



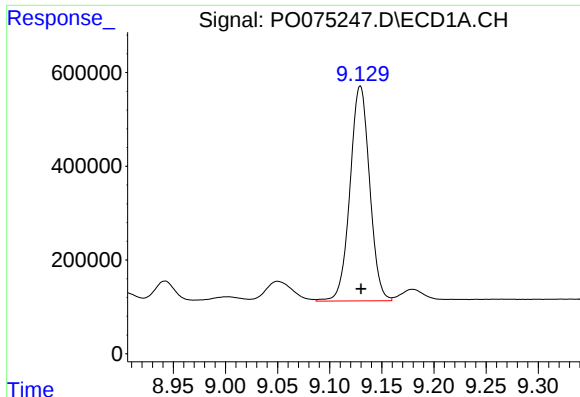
#34 AR-1260-4

R.T.: 8.803 min
Delta R.T.: 0.000 min
Response: 2690854
Conc: 524.32 ng/ml



#34 AR-1260-4

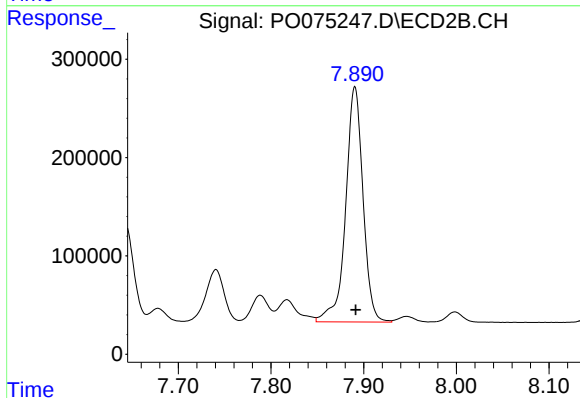
R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 1257538
Conc: 483.34 ng/ml



#35 AR-1260-5

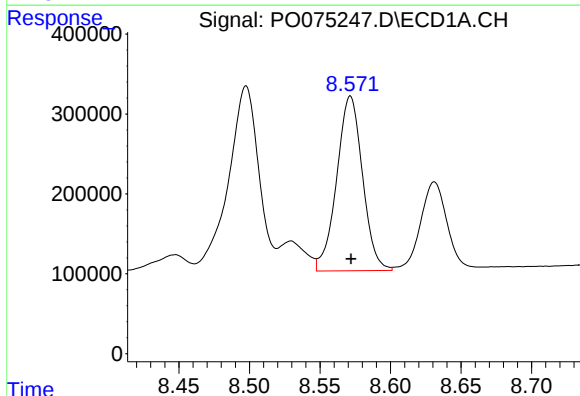
R.T.: 9.129 min
Delta R.T.: 0.000 min
Response: 6004019
Conc: 509.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



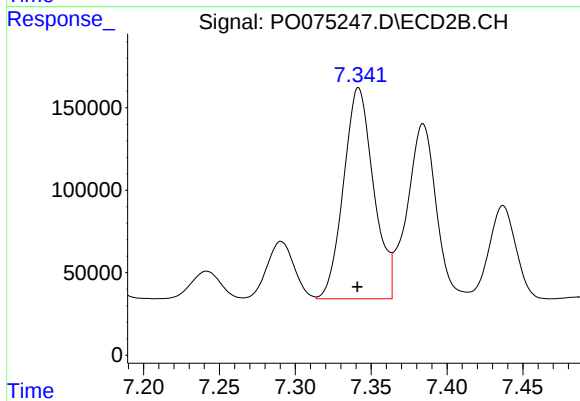
#35 AR-1260-5

R.T.: 7.891 min
Delta R.T.: -0.001 min
Response: 3116608
Conc: 492.48 ng/ml



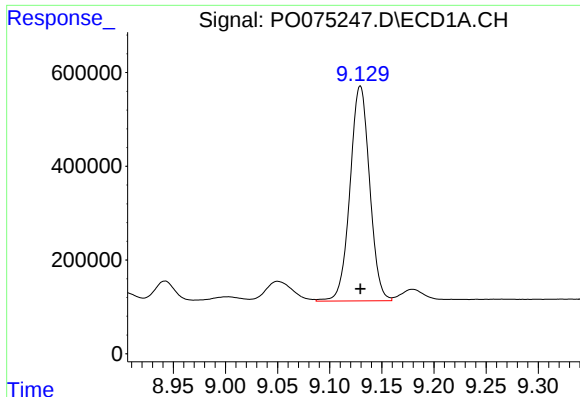
#36 AR-1262-1

R.T.: 8.572 min
Delta R.T.: 0.000 min
Response: 2787548
Conc: 319.44 ng/ml



#36 AR-1262-1

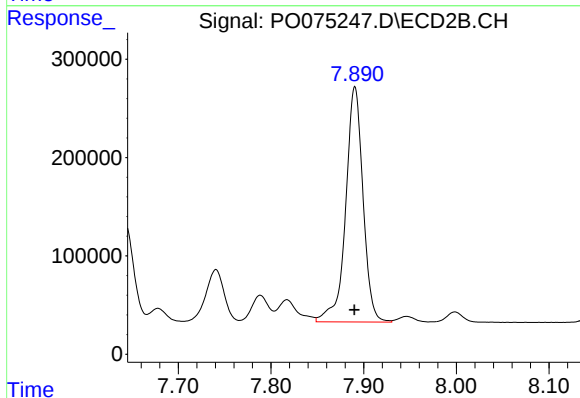
R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 1765162
Conc: 809.25 ng/ml



#37 AR-1262-2

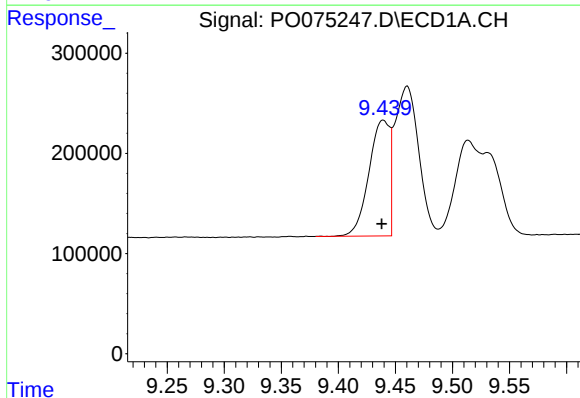
R.T.: 9.129 min
Delta R.T.: 0.000 min
Response: 6004019
Conc: 397.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



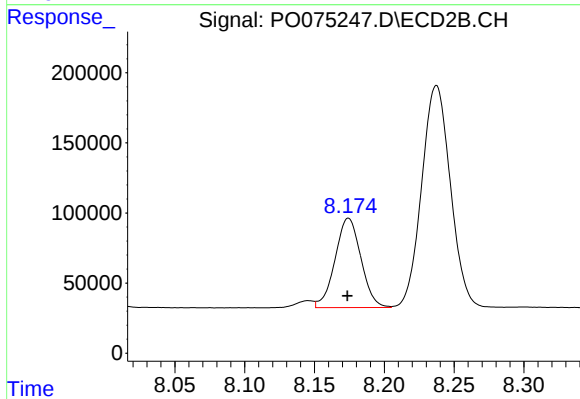
#37 AR-1262-2

R.T.: 7.891 min
Delta R.T.: 0.000 min
Response: 3116608
Conc: 406.39 ng/ml



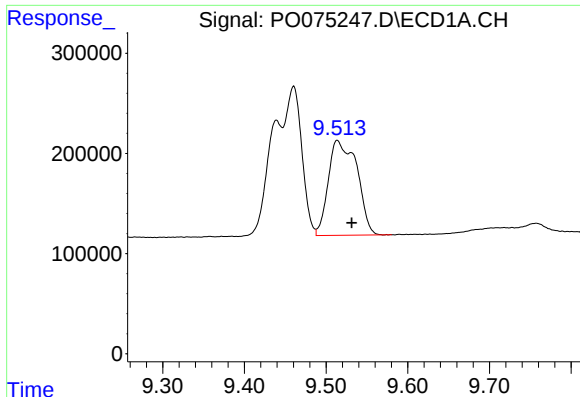
#38 AR-1262-3

R.T.: 9.439 min
Delta R.T.: 0.001 min
Response: 1459167
Conc: 139.68 ng/ml



#38 AR-1262-3

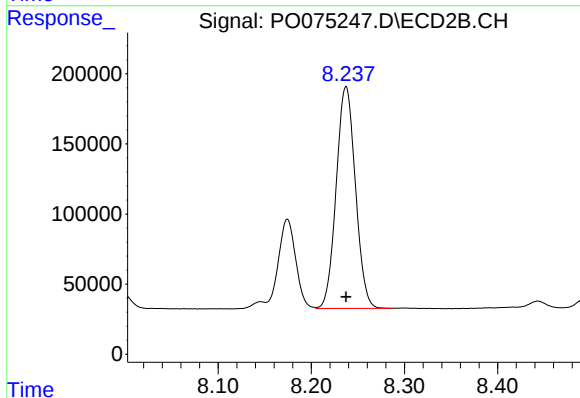
R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 822223
Conc: 248.46 ng/ml



#39 AR-1262-4

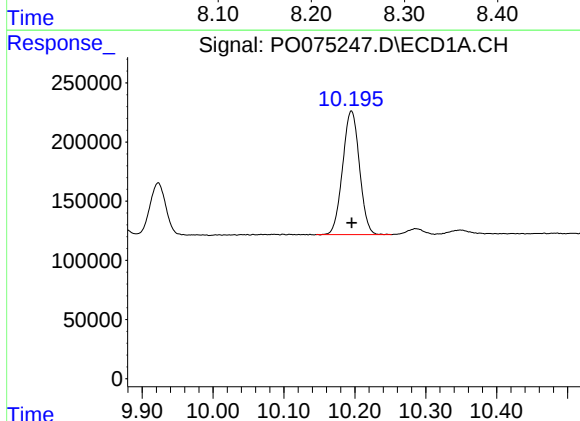
R.T.: 9.514 min
Delta R.T.: -0.018 min
Response: 2304846
Conc: 311.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



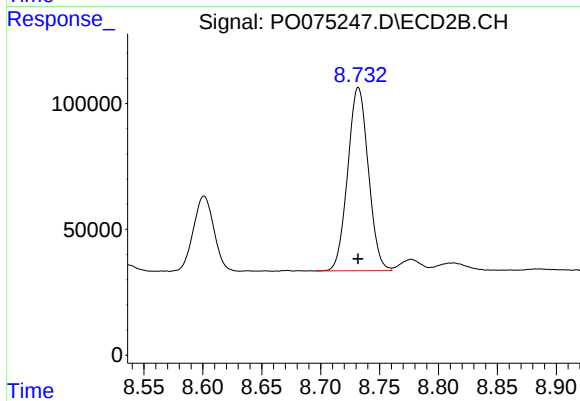
#39 AR-1262-4

R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 2266519
Conc: 394.74 ng/ml



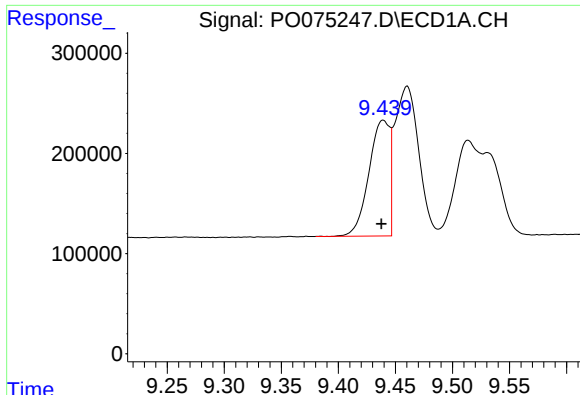
#40 AR-1262-5

R.T.: 10.195 min
Delta R.T.: 0.000 min
Response: 1724654
Conc: 332.57 ng/ml



#40 AR-1262-5

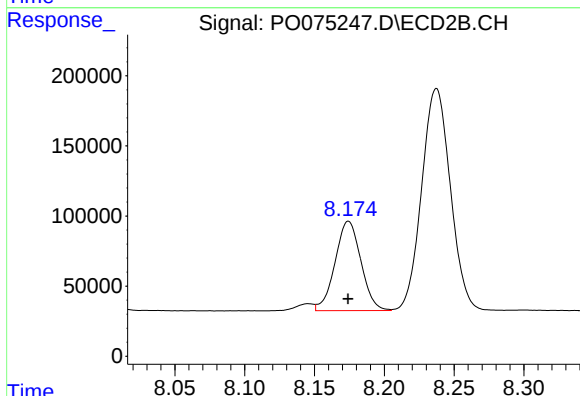
R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 888319
Conc: 322.92 ng/ml



#41 AR-1268-1

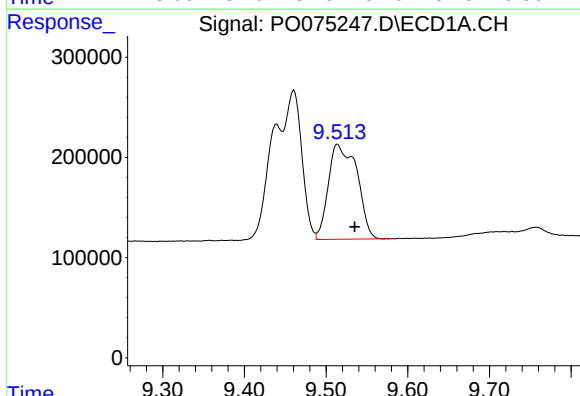
R.T.: 9.439 min
Delta R.T.: 0.002 min
Response: 1459167
Conc: 77.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



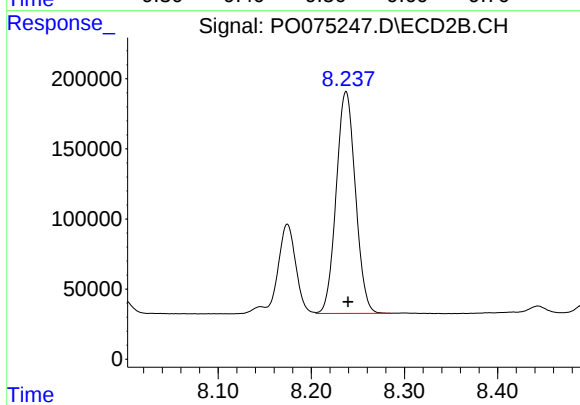
#41 AR-1268-1

R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 822223
Conc: 88.13 ng/ml



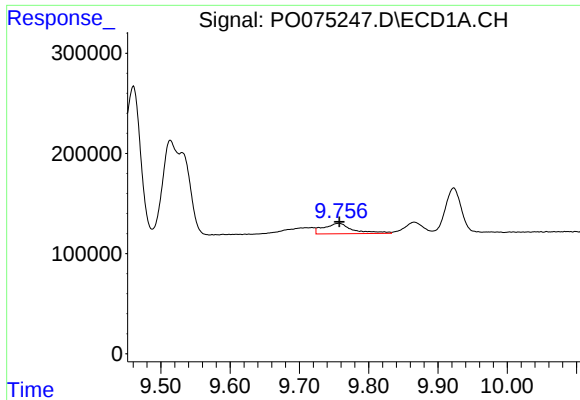
#42 AR-1268-2

R.T.: 9.514 min
Delta R.T.: -0.021 min
Response: 2304846
Conc: 145.35 ng/ml



#42 AR-1268-2

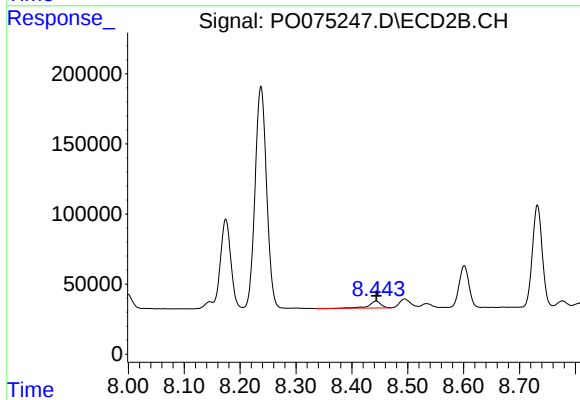
R.T.: 8.237 min
Delta R.T.: -0.002 min
Response: 2266519
Conc: 270.55 ng/ml



#43 AR-1268-3

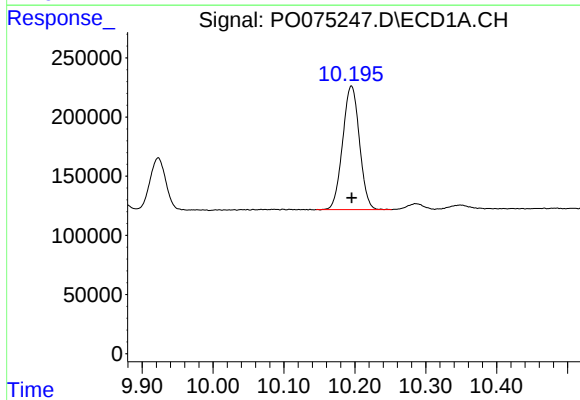
R.T.: 9.757 min
Delta R.T.: 0.000 min
Response: 307257
Conc: 22.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



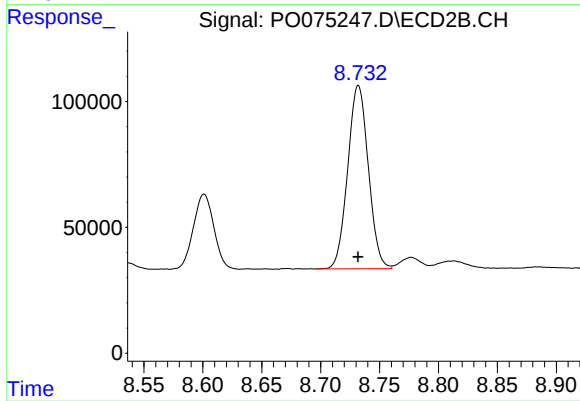
#43 AR-1268-3

R.T.: 8.443 min
Delta R.T.: 0.000 min
Response: 74405
Conc: 10.28 ng/ml



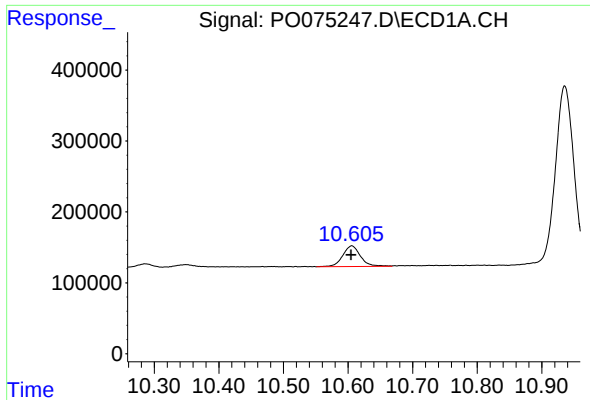
#44 AR-1268-4

R.T.: 10.195 min
Delta R.T.: 0.000 min
Response: 1724654
Conc: 292.77 ng/ml



#44 AR-1268-4

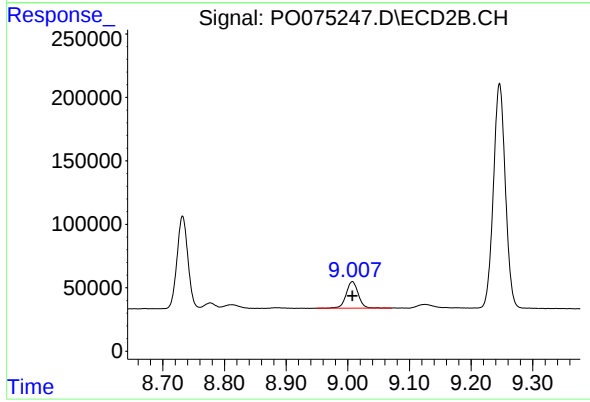
R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 888319
Conc: 281.95 ng/ml



#45 AR-1268-5

R.T.: 10.606 min
Delta R.T.: 0.000 min
Response: 559504
Conc: 13.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.007 min
Delta R.T.: 0.000 min
Response: 285586
Conc: 13.46 ng/ml