

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090919\
 Data File : P0060613.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Sep 2019 9:07
 Operator : SM/AJ
 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 10 09:30:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Sep 08 02:12:04 2019
 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...	4.368	3.531	1713268	1391066	41.291	45.290
2)	SA Decachlor...	10.026	8.416	2202819	1534409	41.760	41.450
Target Compounds							
3)	L1 AR-1016-1	5.531	4.588	715077	564155	439.497	449.258
4)	L1 AR-1016-2	5.553	4.606	1025670	785203	437.381	449.379
5)	L1 AR-1016-3	5.615	4.776	637698	430944	438.051	453.195
6)	L1 AR-1016-4	5.713	4.818	505518	362340	411.178	439.647
7)	L1 AR-1016-5	6.005	5.025	516431	469409	418.680	441.794
8)	L2 AR-1221-1	4.572	3.740	51876	49622	114.245	127.390
9)	L2 AR-1221-2	4.663	3.823	82447	73193	236.178	244.710
10)	L2 AR-1221-3	4.739	3.898	310753	275857	272.082	301.473
11)	L3 AR-1232-1	4.739	3.898	310753	275857	251.518	282.159
12)	L3 AR-1232-2	5.264	4.606	463563	785203	679.907	745.116
13)	L3 AR-1232-3	5.553	4.776	1025670	430944	731.537	761.002
14)	L3 AR-1232-4	5.713	4.859	505518	443224	691.338	814.993
15)	L3 AR-1232-5	5.802	5.025	481808	469409	921.575	786.756
16)	L4 AR-1242-1	5.531	4.588	715077	564155	593.556	613.661
17)	L4 AR-1242-2	5.553	4.606	1025670	785203	593.061	612.125
18)	L4 AR-1242-3	5.615	4.776	637698	430944	579.174	603.554
19)	L4 AR-1242-4	5.713	4.859	505518	443224	561.543	591.139
20)	L4 AR-1242-5	6.446	5.368	111629	358472	102.412	367.131 #
21)	L5 AR-1248-1	5.531	4.588	715077	564155	779.284	780.460
22)	L5 AR-1248-2	5.802	4.818	481808	362340	359.638	369.991
23)	L5 AR-1248-3	6.005	4.859	516431	443224	344.570	434.288 #
24)	L5 AR-1248-4	6.407	5.025	115317	469409	65.565	386.058 #
25)	L5 AR-1248-5	6.446	5.407	111629	70268	66.729	57.756
26)	L6 AR-1254-1	6.381	5.368	426286	358472	233.746	188.932
27)	L6 AR-1254-2	6.598	5.513	461145	338561	159.116	198.108
28)	L6 AR-1254-3	6.963	5.924	271330	692450	85.079	246.900 #
29)	L6 AR-1254-4	7.247	6.132	198072	107569	82.484	60.211 #
30)	L6 AR-1254-5	7.664	6.543	1705305	1249715	626.886	476.262
31)	L7 AR-1260-1	7.126	6.036	1099521	896322	439.861	435.867
32)	L7 AR-1260-2	7.382	6.222	1431505	1116259	460.672	445.830
33)	L7 AR-1260-3	7.739	6.371	1148531	1029569	459.153	443.149
34)	L7 AR-1260-4	7.964	6.837	1393178	900195	470.547	443.216
35)	L7 AR-1260-5	8.277	7.075	2618467	2054537	466.183	448.509
36)	L8 AR-1262-1	7.739	6.582	1148531	943550	341.999	354.872
37)	L8 AR-1262-2	8.277	7.075	2618467	2054537	447.237	452.577
38)	L8 AR-1262-3	8.595	7.355	1654647	482826	413.497	254.709 #
39)	L8 AR-1262-4	8.666	7.417	399790	1503876	131.649	438.541 #
40)	L8 AR-1262-5	9.304	7.906	723184	520083	360.536	332.628
41)	L9 AR-1268-1	8.595	7.355	1654647	482826	239.689	95.068 #

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

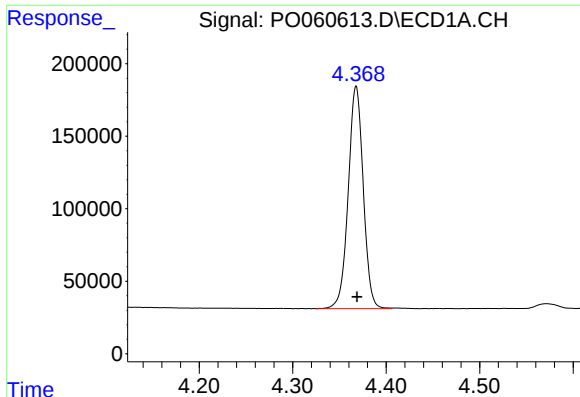
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 09:30:02 2019
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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	8.666	7.417	399790	1503876	62.165	323.759 #
43) L9	AR-1268-3	8.889	7.624	46685	32656	8.806	8.305
44) L9	AR-1268-4	9.304	7.906	723184	520083	325.976	305.875
45) L9	AR-1268-5	9.701	8.179	211681	143341	12.918	12.793

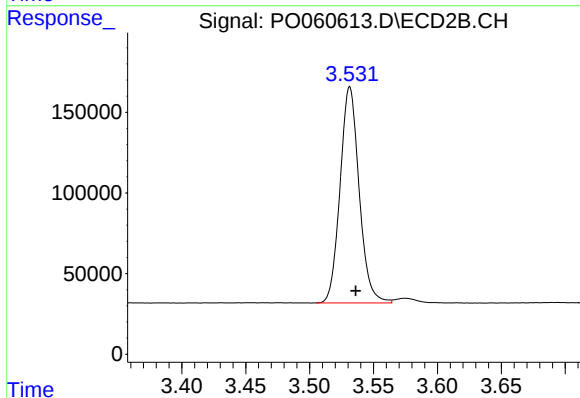
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

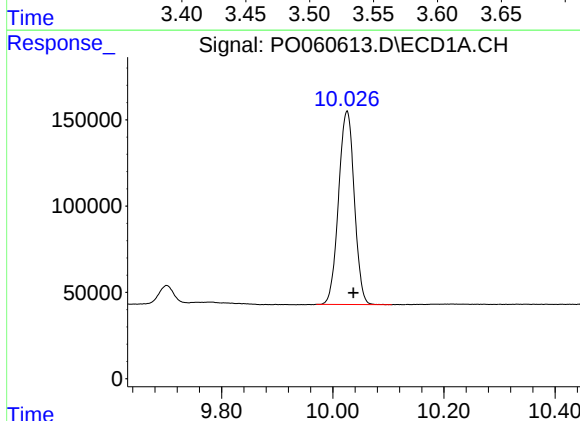
R.T.: 4.368 min
Delta R.T.: -0.001 min
Response: 1713268
Conc: 41.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



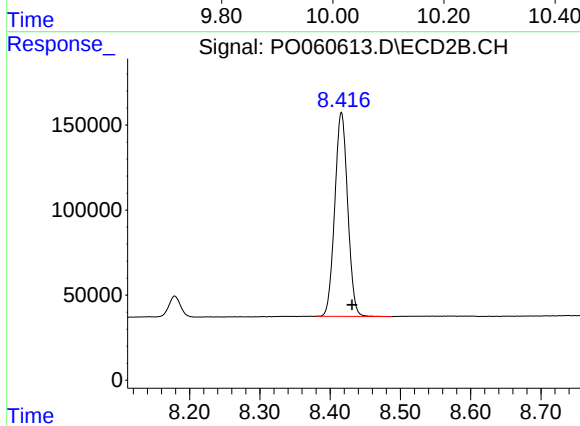
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: -0.005 min
Response: 1391066
Conc: 45.29 ng/ml



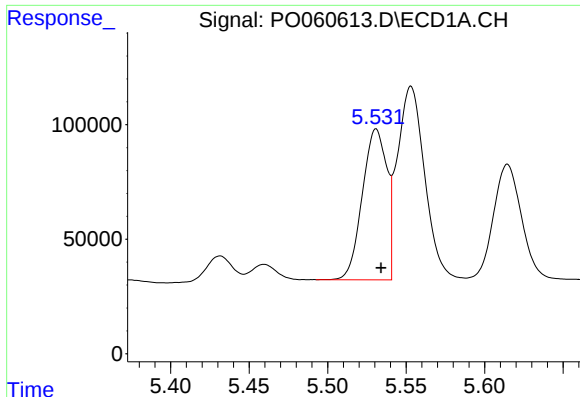
#2 Decachlorobiphenyl

R.T.: 10.026 min
Delta R.T.: -0.011 min
Response: 2202819
Conc: 41.76 ng/ml



#2 Decachlorobiphenyl

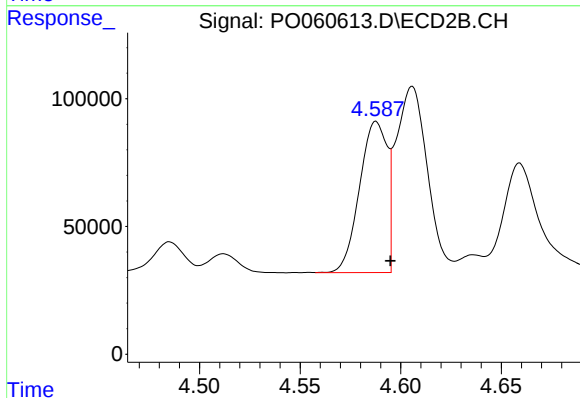
R.T.: 8.416 min
Delta R.T.: -0.015 min
Response: 1534409
Conc: 41.45 ng/ml



#3 AR-1016-1

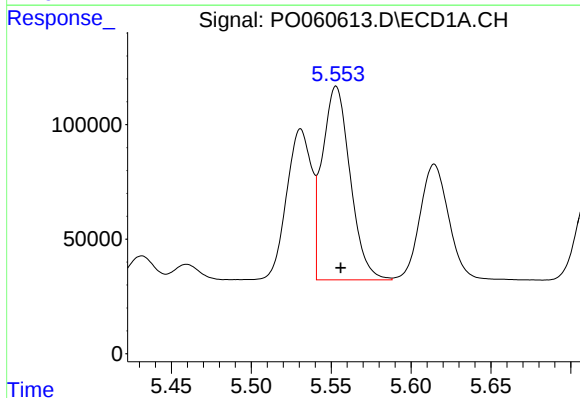
R.T.: 5.531 min
Delta R.T.: -0.003 min
Response: 715077
Conc: 439.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



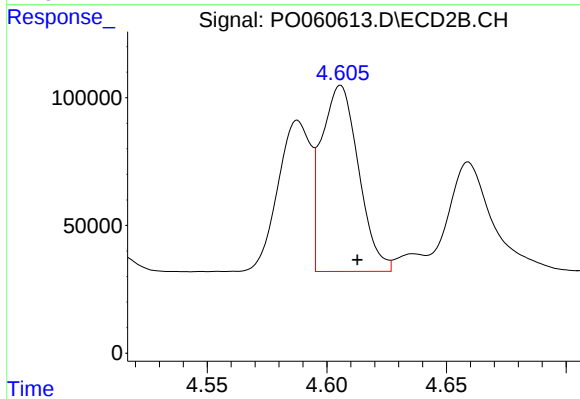
#3 AR-1016-1

R.T.: 4.588 min
Delta R.T.: -0.007 min
Response: 564155
Conc: 449.26 ng/ml



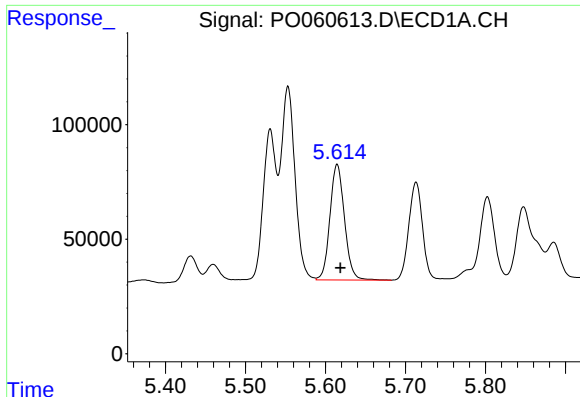
#4 AR-1016-2

R.T.: 5.553 min
Delta R.T.: -0.003 min
Response: 1025670
Conc: 437.38 ng/ml



#4 AR-1016-2

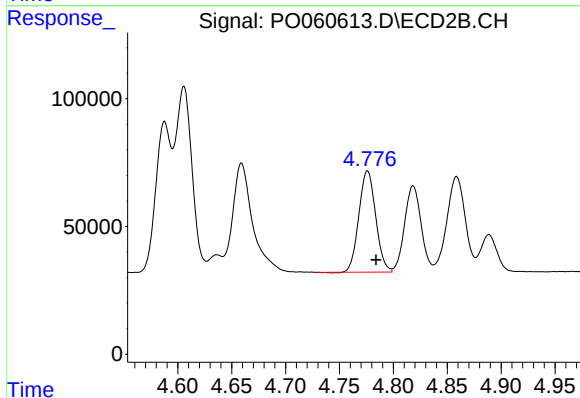
R.T.: 4.606 min
Delta R.T.: -0.007 min
Response: 785203
Conc: 449.38 ng/ml



#5 AR-1016-3

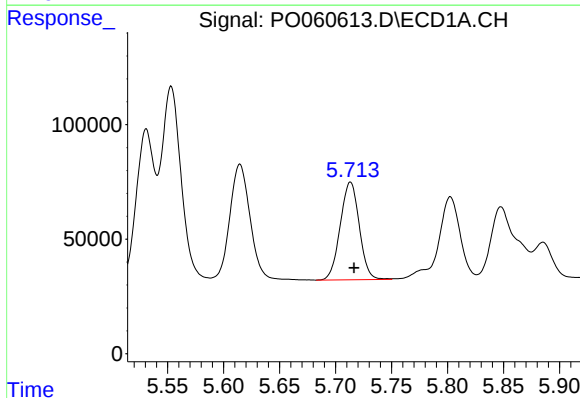
R.T.: 5.615 min
Delta R.T.: -0.004 min
Response: 637698
Conc: 438.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



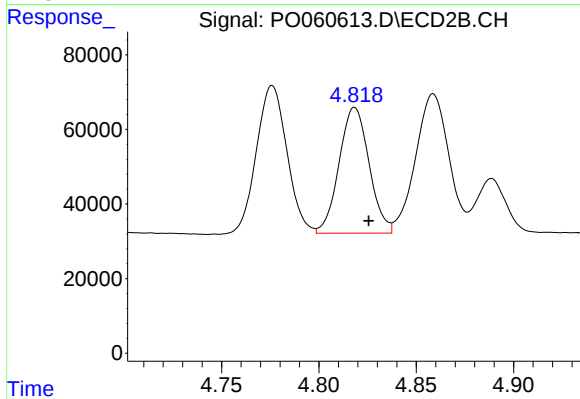
#5 AR-1016-3

R.T.: 4.776 min
Delta R.T.: -0.008 min
Response: 430944
Conc: 453.19 ng/ml



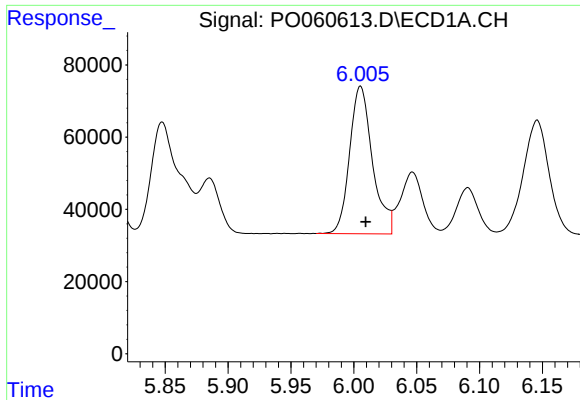
#6 AR-1016-4

R.T.: 5.713 min
Delta R.T.: -0.003 min
Response: 505518
Conc: 411.18 ng/ml



#6 AR-1016-4

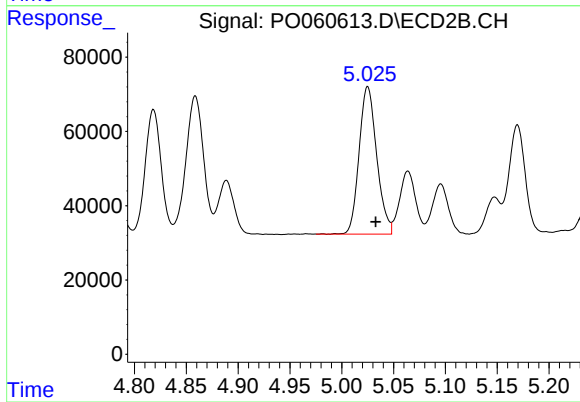
R.T.: 4.818 min
Delta R.T.: -0.007 min
Response: 362340
Conc: 439.65 ng/ml



#7 AR-1016-5

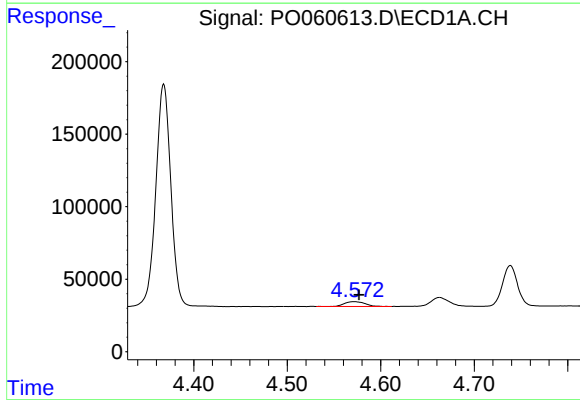
R.T.: 6.005 min
Delta R.T.: -0.004 min
Response: 516431
Conc: 418.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



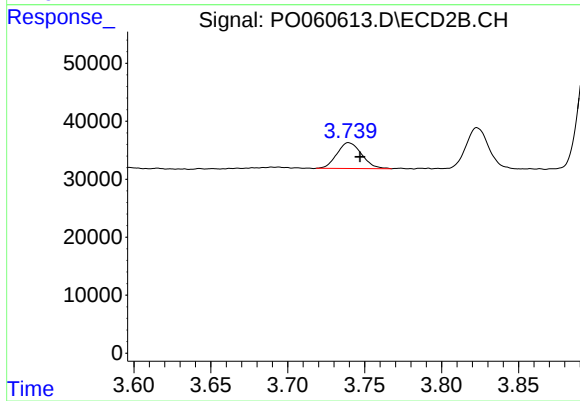
#7 AR-1016-5

R.T.: 5.025 min
Delta R.T.: -0.008 min
Response: 469409
Conc: 441.79 ng/ml



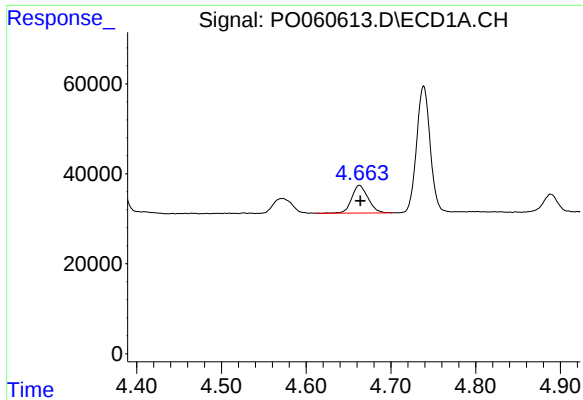
#8 AR-1221-1

R.T.: 4.572 min
Delta R.T.: -0.004 min
Response: 51876
Conc: 114.25 ng/ml



#8 AR-1221-1

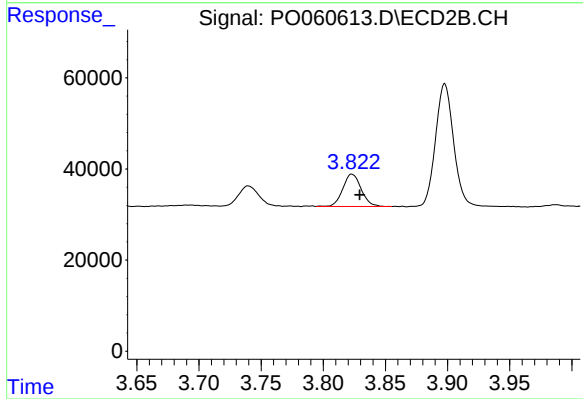
R.T.: 3.740 min
Delta R.T.: -0.007 min
Response: 49622
Conc: 127.39 ng/ml



#9 AR-1221-2

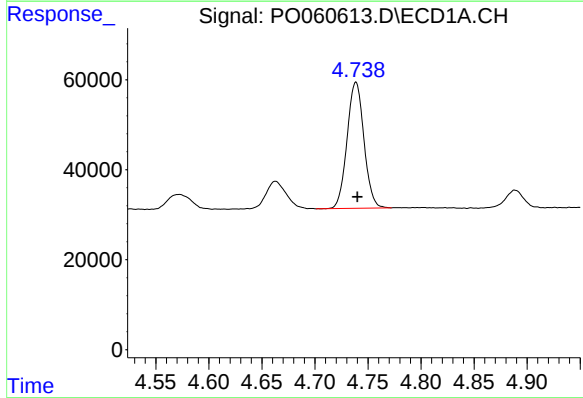
R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 82447
Conc: 236.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



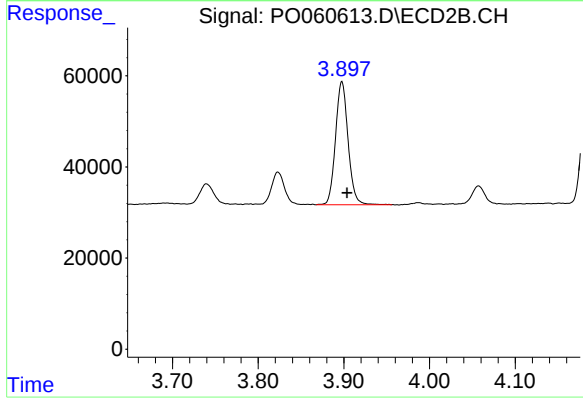
#9 AR-1221-2

R.T.: 3.823 min
Delta R.T.: -0.006 min
Response: 73193
Conc: 244.71 ng/ml



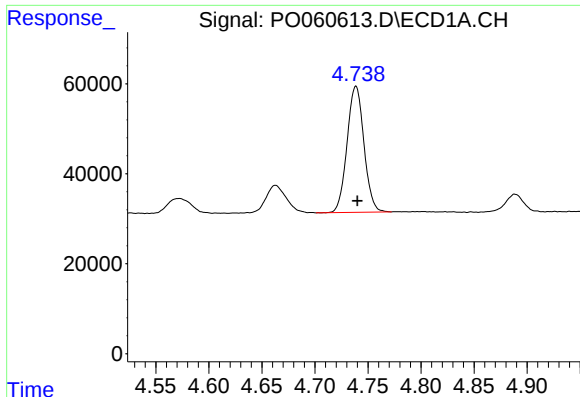
#10 AR-1221-3

R.T.: 4.739 min
Delta R.T.: -0.001 min
Response: 310753
Conc: 272.08 ng/ml



#10 AR-1221-3

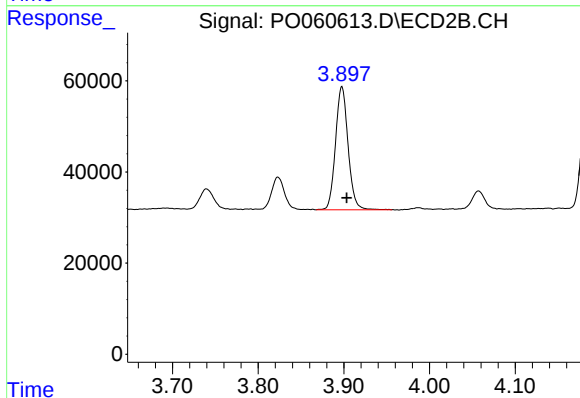
R.T.: 3.898 min
Delta R.T.: -0.006 min
Response: 275857
Conc: 301.47 ng/ml



#11 AR-1232-1

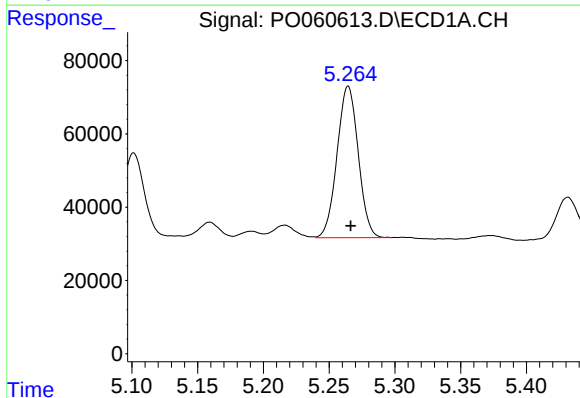
R.T.: 4.739 min
Delta R.T.: -0.001 min
Response: 310753
Conc: 251.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



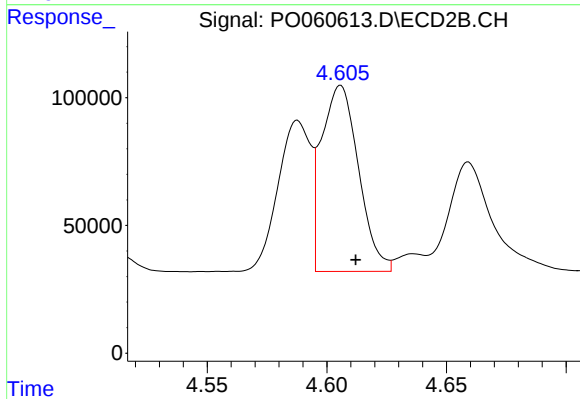
#11 AR-1232-1

R.T.: 3.898 min
Delta R.T.: -0.006 min
Response: 275857
Conc: 282.16 ng/ml



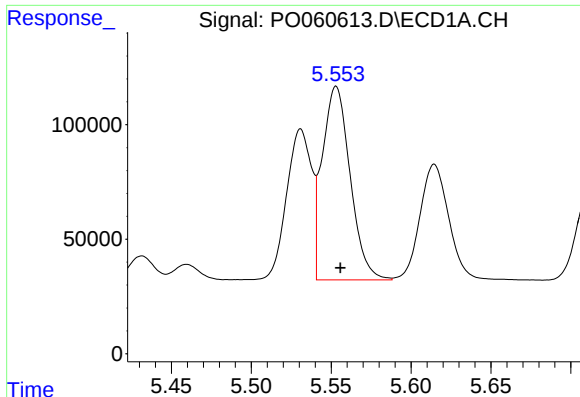
#12 AR-1232-2

R.T.: 5.264 min
Delta R.T.: -0.002 min
Response: 463563
Conc: 679.91 ng/ml



#12 AR-1232-2

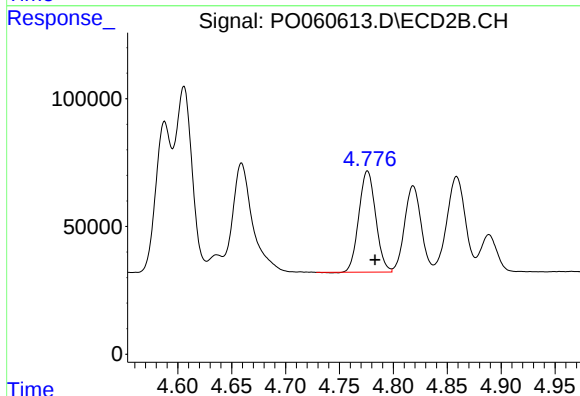
R.T.: 4.606 min
Delta R.T.: -0.006 min
Response: 785203
Conc: 745.12 ng/ml



#13 AR-1232-3

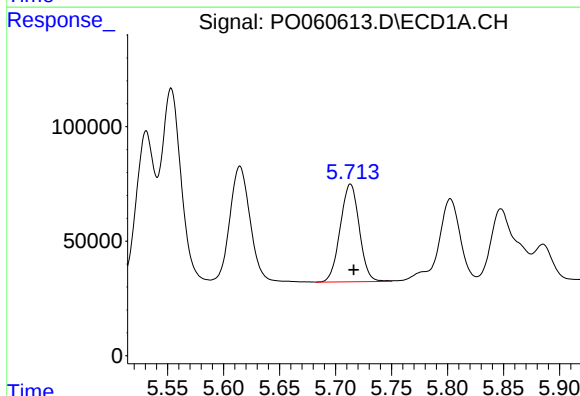
R.T.: 5.553 min
Delta R.T.: -0.003 min
Response: 1025670
Conc: 731.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



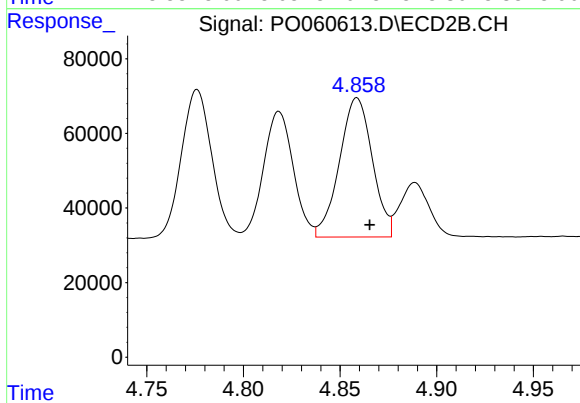
#13 AR-1232-3

R.T.: 4.776 min
Delta R.T.: -0.007 min
Response: 430944
Conc: 761.00 ng/ml



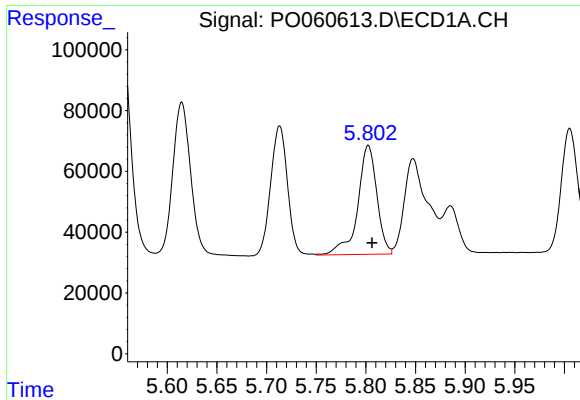
#14 AR-1232-4

R.T.: 5.713 min
Delta R.T.: -0.003 min
Response: 505518
Conc: 691.34 ng/ml



#14 AR-1232-4

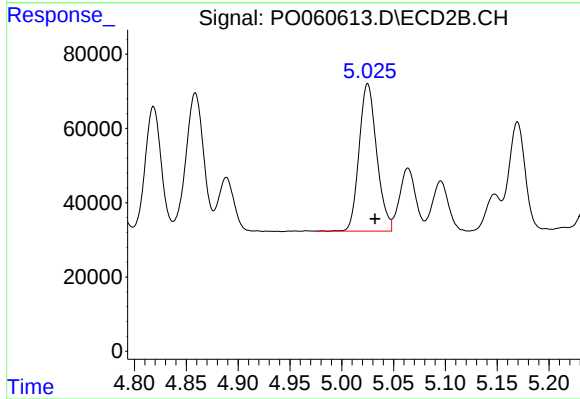
R.T.: 4.859 min
Delta R.T.: -0.007 min
Response: 443224
Conc: 814.99 ng/ml



#15 AR-1232-5

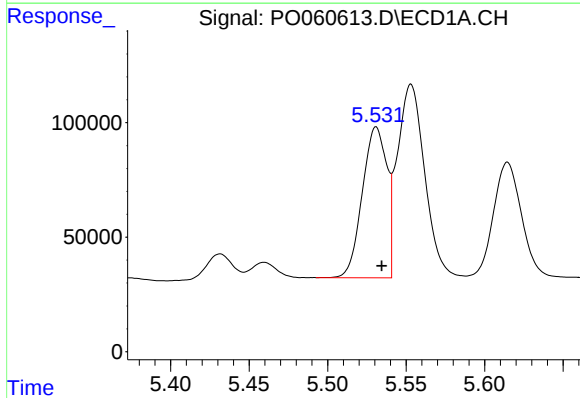
R.T.: 5.802 min
Delta R.T.: -0.004 min
Response: 481808
Conc: 921.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



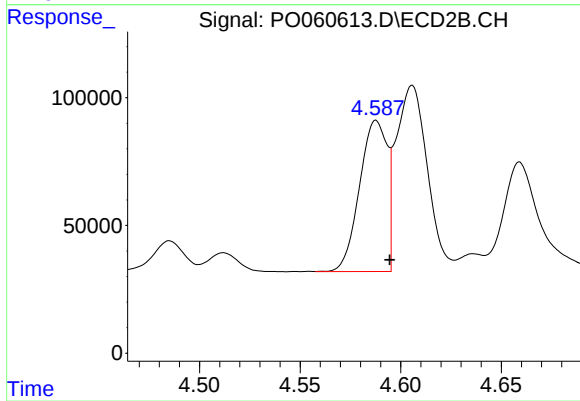
#15 AR-1232-5

R.T.: 5.025 min
Delta R.T.: -0.007 min
Response: 469409
Conc: 786.76 ng/ml



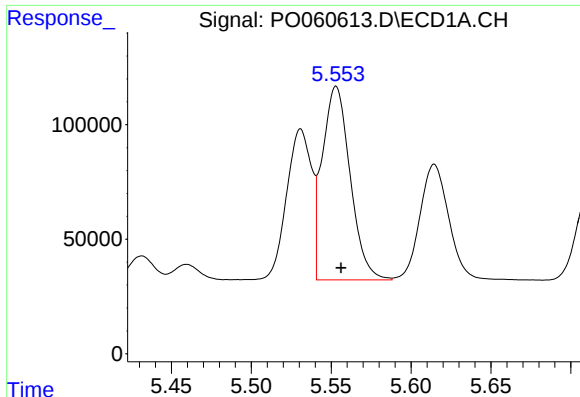
#16 AR-1242-1

R.T.: 5.531 min
Delta R.T.: -0.004 min
Response: 715077
Conc: 593.56 ng/ml



#16 AR-1242-1

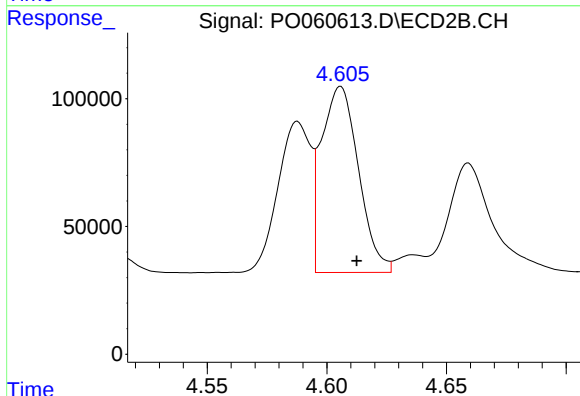
R.T.: 4.588 min
Delta R.T.: -0.007 min
Response: 564155
Conc: 613.66 ng/ml



#17 AR-1242-2

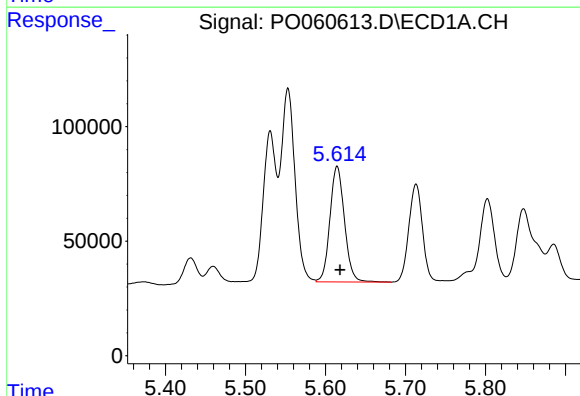
R.T.: 5.553 min
Delta R.T.: -0.003 min
Response: 1025670
Conc: 593.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



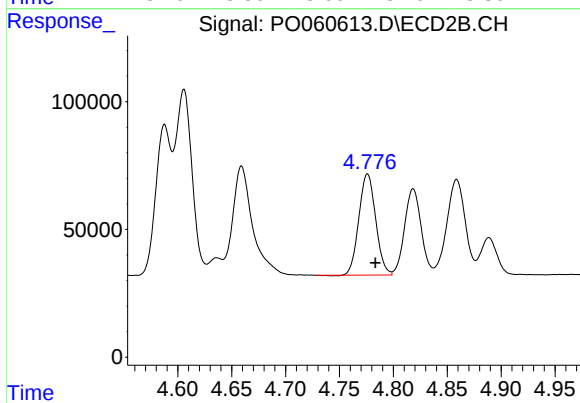
#17 AR-1242-2

R.T.: 4.606 min
Delta R.T.: -0.007 min
Response: 785203
Conc: 612.12 ng/ml



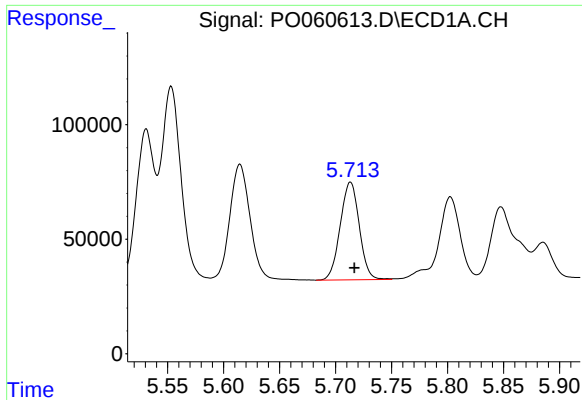
#18 AR-1242-3

R.T.: 5.615 min
Delta R.T.: -0.004 min
Response: 637698
Conc: 579.17 ng/ml



#18 AR-1242-3

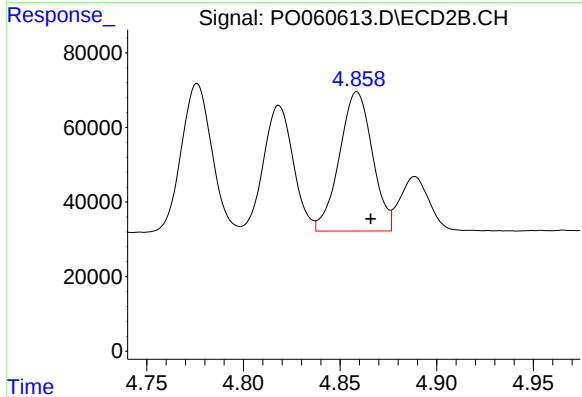
R.T.: 4.776 min
Delta R.T.: -0.007 min
Response: 430944
Conc: 603.55 ng/ml



#19 AR-1242-4

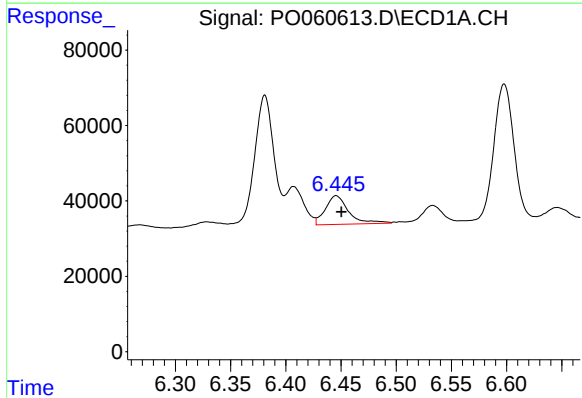
R.T.: 5.713 min
Delta R.T.: -0.004 min
Response: 505518
Conc: 561.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



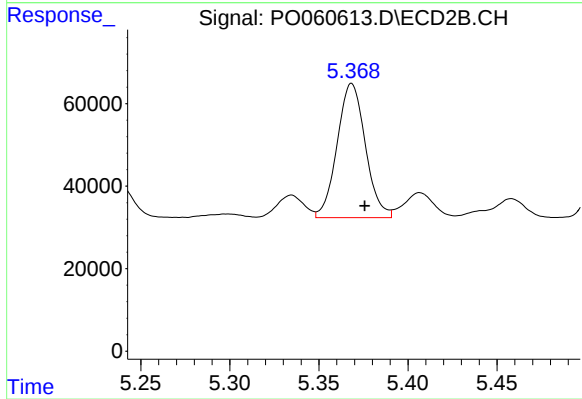
#19 AR-1242-4

R.T.: 4.859 min
Delta R.T.: -0.007 min
Response: 443224
Conc: 591.14 ng/ml



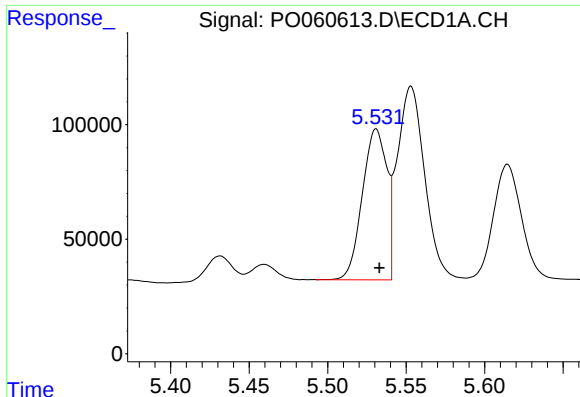
#20 AR-1242-5

R.T.: 6.446 min
Delta R.T.: -0.005 min
Response: 111629
Conc: 102.41 ng/ml



#20 AR-1242-5

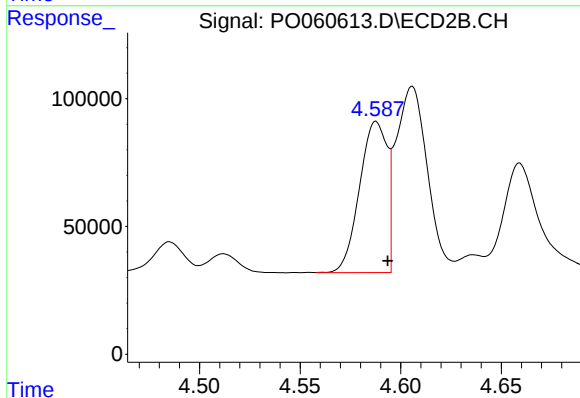
R.T.: 5.368 min
Delta R.T.: -0.007 min
Response: 358472
Conc: 367.13 ng/ml



#21 AR-1248-1

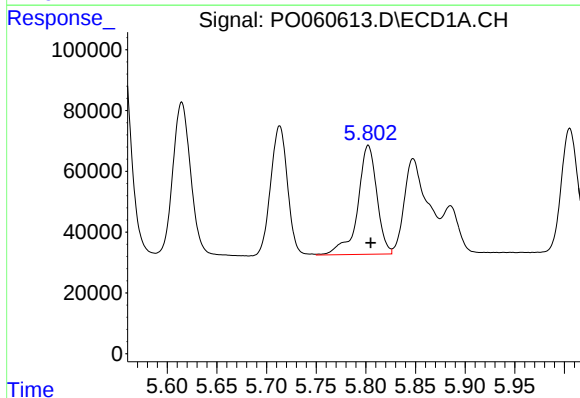
R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 715077
Conc: 779.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



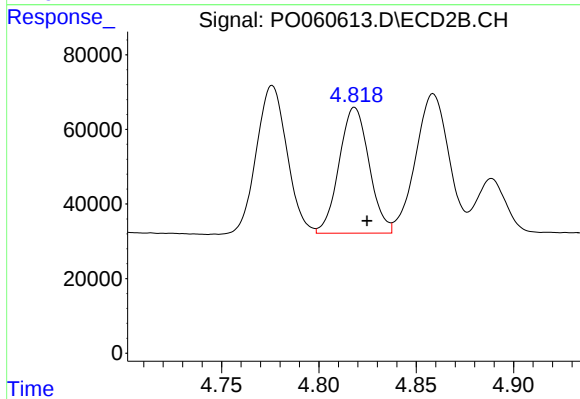
#21 AR-1248-1

R.T.: 4.588 min
Delta R.T.: -0.006 min
Response: 564155
Conc: 780.46 ng/ml



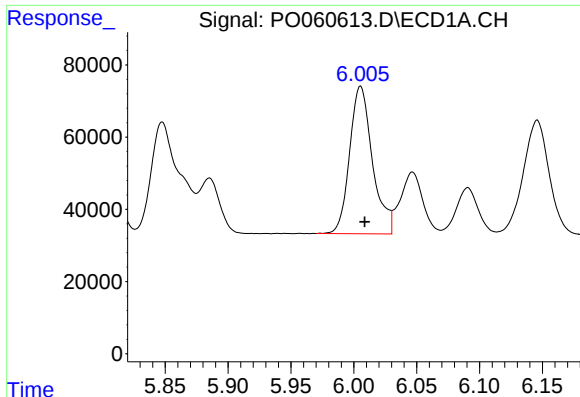
#22 AR-1248-2

R.T.: 5.802 min
Delta R.T.: -0.003 min
Response: 481808
Conc: 359.64 ng/ml



#22 AR-1248-2

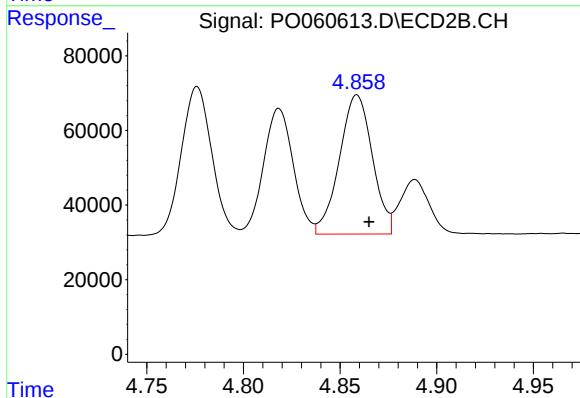
R.T.: 4.818 min
Delta R.T.: -0.006 min
Response: 362340
Conc: 369.99 ng/ml



#23 AR-1248-3

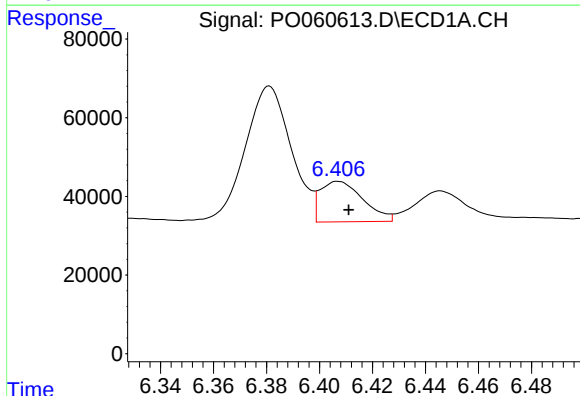
R.T.: 6.005 min
Delta R.T.: -0.003 min
Response: 516431
Conc: 344.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



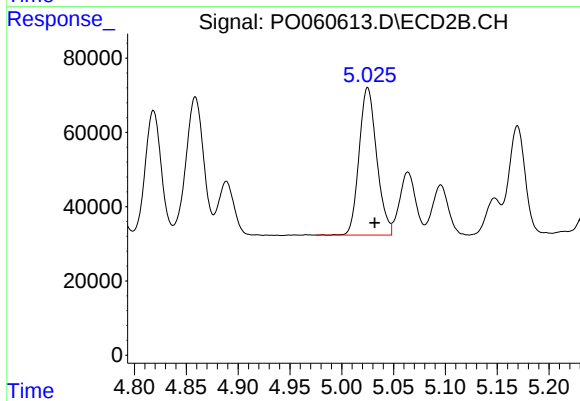
#23 AR-1248-3

R.T.: 4.859 min
Delta R.T.: -0.006 min
Response: 443224
Conc: 434.29 ng/ml



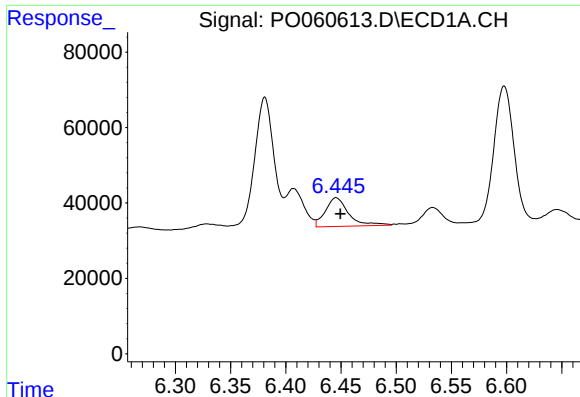
#24 AR-1248-4

R.T.: 6.407 min
Delta R.T.: -0.004 min
Response: 115317
Conc: 65.57 ng/ml



#24 AR-1248-4

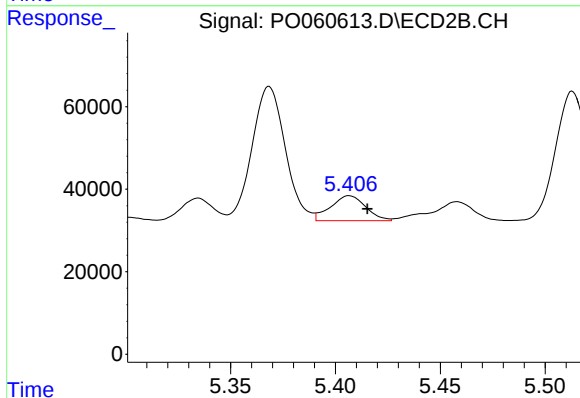
R.T.: 5.025 min
Delta R.T.: -0.007 min
Response: 469409
Conc: 386.06 ng/ml



#25 AR-1248-5

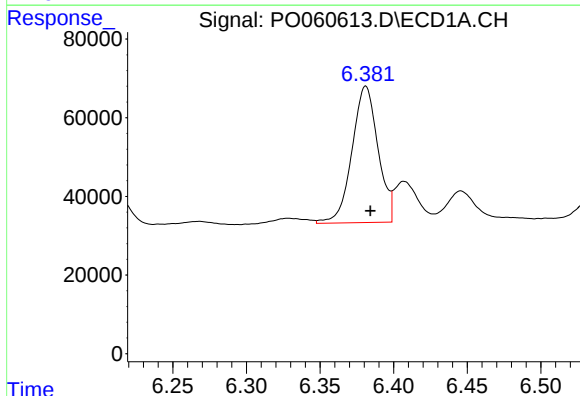
R.T.: 6.446 min
Delta R.T.: -0.004 min
Response: 111629
Conc: 66.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



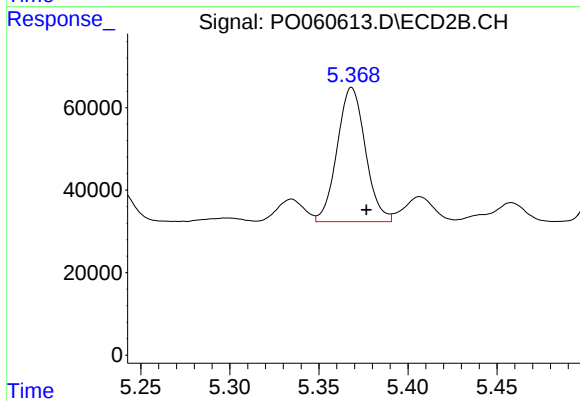
#25 AR-1248-5

R.T.: 5.407 min
Delta R.T.: -0.009 min
Response: 70268
Conc: 57.76 ng/ml



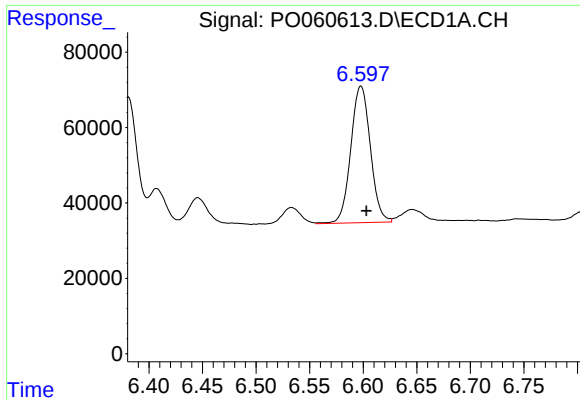
#26 AR-1254-1

R.T.: 6.381 min
Delta R.T.: -0.003 min
Response: 426286
Conc: 233.75 ng/ml



#26 AR-1254-1

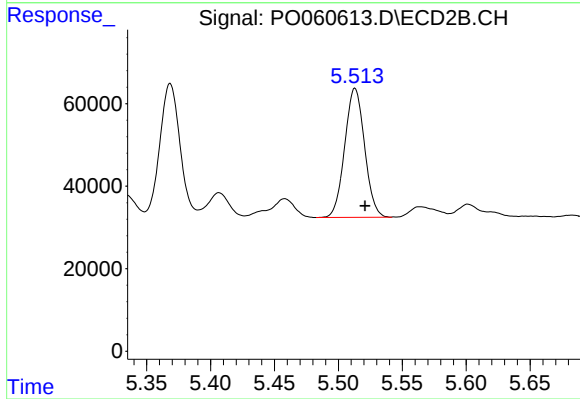
R.T.: 5.368 min
Delta R.T.: -0.008 min
Response: 358472
Conc: 188.93 ng/ml



#27 AR-1254-2

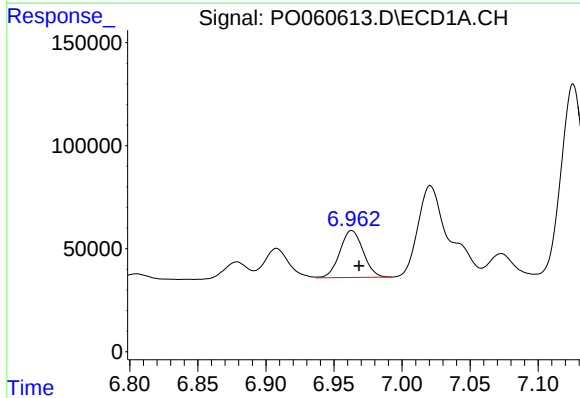
R.T.: 6.598 min
Delta R.T.: -0.005 min
Response: 461145
Conc: 159.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



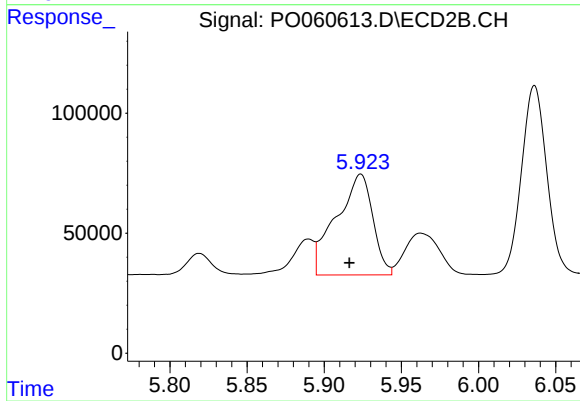
#27 AR-1254-2

R.T.: 5.513 min
Delta R.T.: -0.008 min
Response: 338561
Conc: 198.11 ng/ml



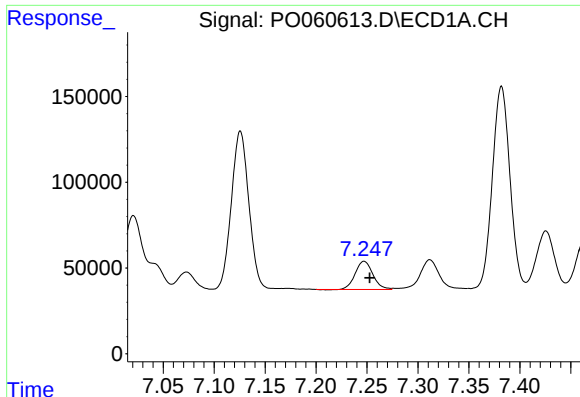
#28 AR-1254-3

R.T.: 6.963 min
Delta R.T.: -0.005 min
Response: 271330
Conc: 85.08 ng/ml



#28 AR-1254-3

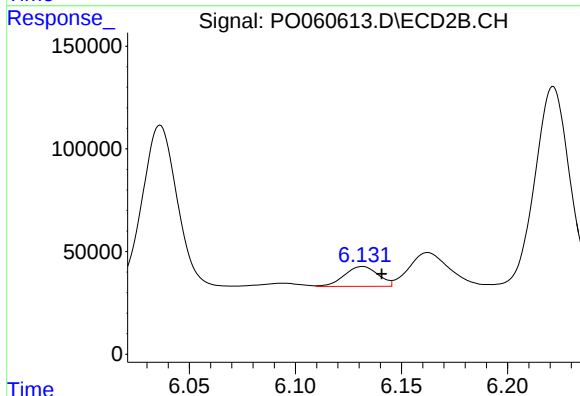
R.T.: 5.924 min
Delta R.T.: 0.007 min
Response: 692450
Conc: 246.90 ng/ml



#29 AR-1254-4

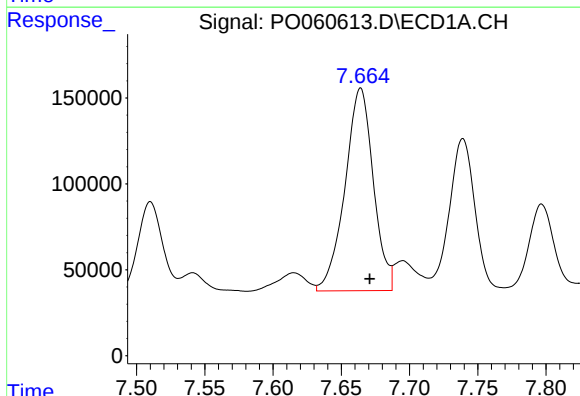
R.T.: 7.247 min
Delta R.T.: -0.006 min
Response: 198072
Conc: 82.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



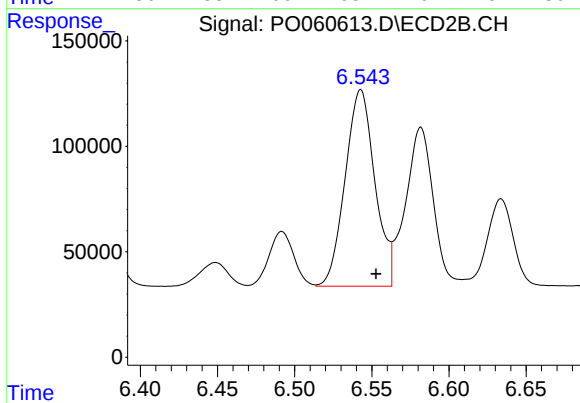
#29 AR-1254-4

R.T.: 6.132 min
Delta R.T.: -0.009 min
Response: 107569
Conc: 60.21 ng/ml



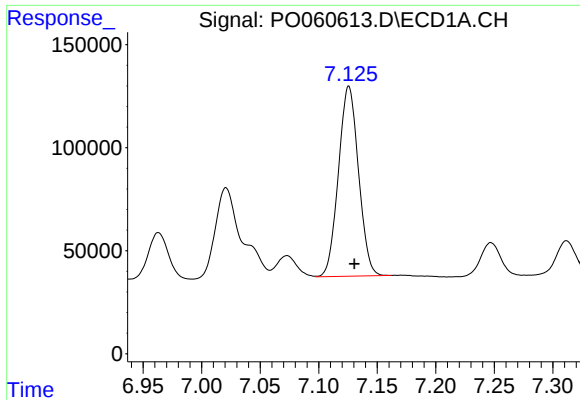
#30 AR-1254-5

R.T.: 7.664 min
Delta R.T.: -0.007 min
Response: 1705305
Conc: 626.89 ng/ml



#30 AR-1254-5

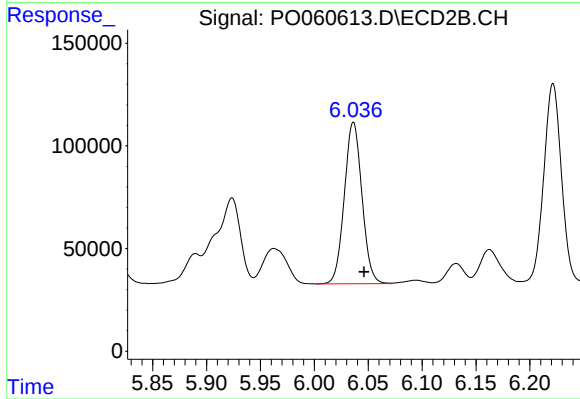
R.T.: 6.543 min
Delta R.T.: -0.010 min
Response: 1249715
Conc: 476.26 ng/ml



#31 AR-1260-1

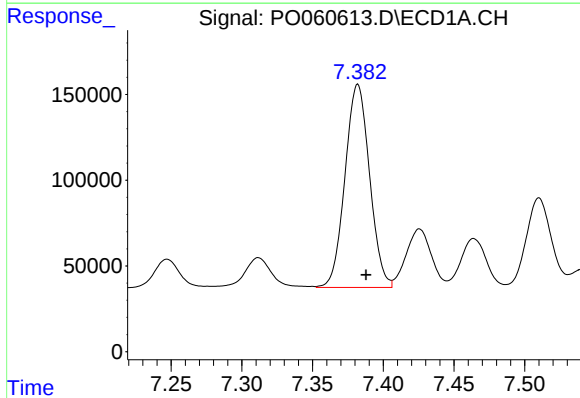
R.T.: 7.126 min
Delta R.T.: -0.005 min
Response: 1099521
Conc: 439.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



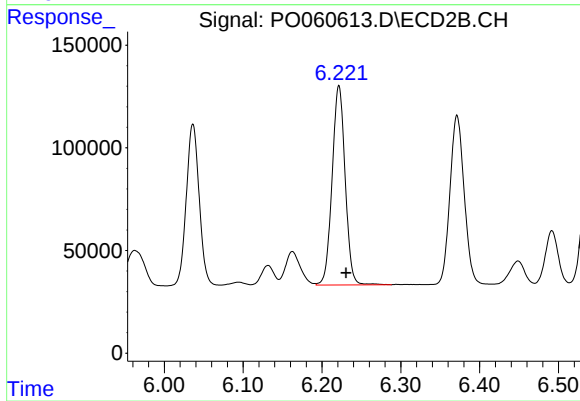
#31 AR-1260-1

R.T.: 6.036 min
Delta R.T.: -0.010 min
Response: 896322
Conc: 435.87 ng/ml



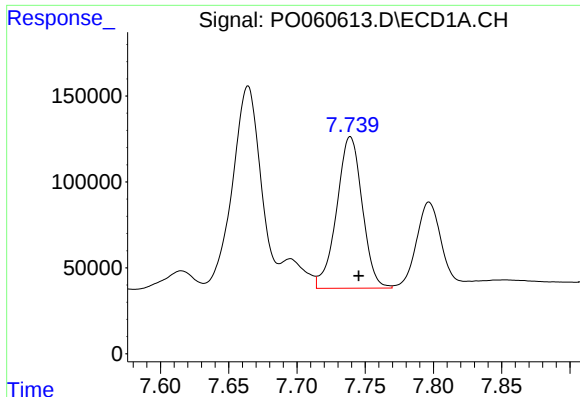
#32 AR-1260-2

R.T.: 7.382 min
Delta R.T.: -0.006 min
Response: 1431505
Conc: 460.67 ng/ml



#32 AR-1260-2

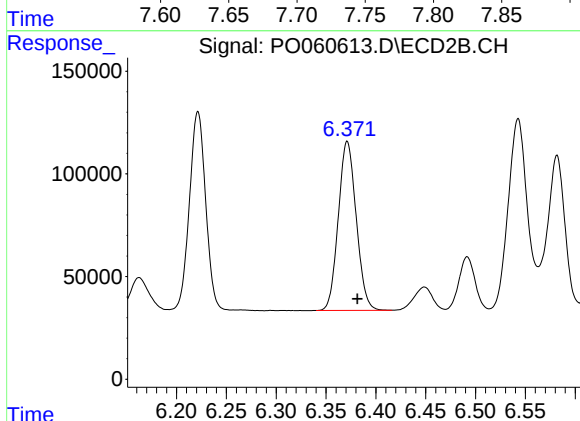
R.T.: 6.222 min
Delta R.T.: -0.009 min
Response: 1116259
Conc: 445.83 ng/ml



#33 AR-1260-3

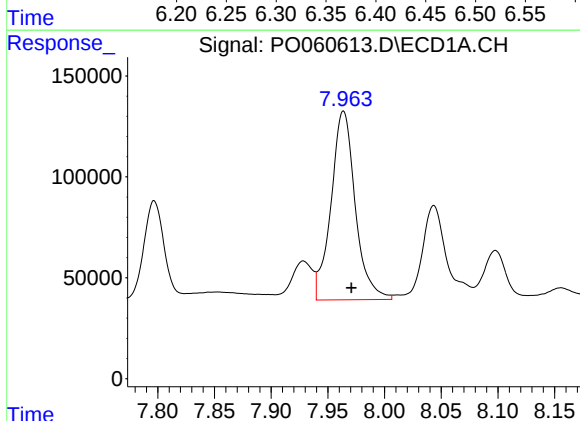
R.T.: 7.739 min
Delta R.T.: -0.006 min
Response: 1148531
Conc: 459.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



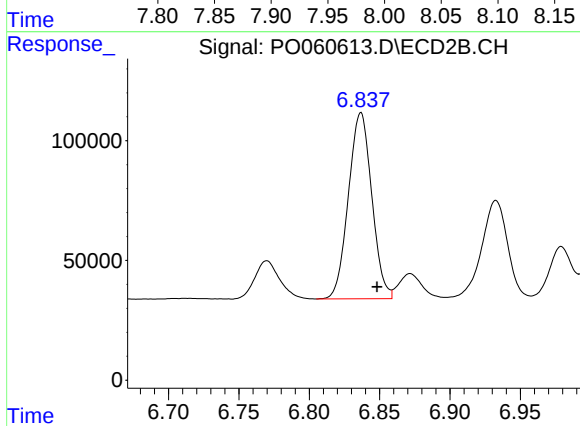
#33 AR-1260-3

R.T.: 6.371 min
Delta R.T.: -0.010 min
Response: 1029569
Conc: 443.15 ng/ml



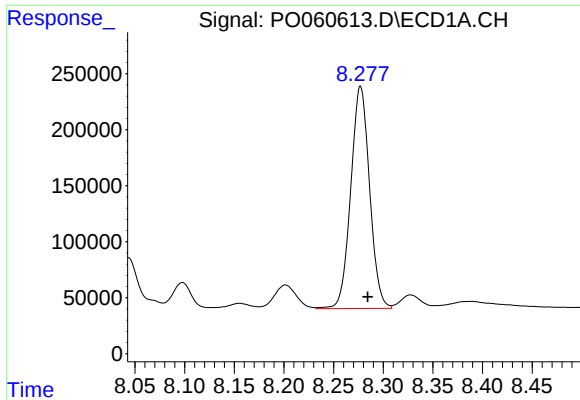
#34 AR-1260-4

R.T.: 7.964 min
Delta R.T.: -0.007 min
Response: 1393178
Conc: 470.55 ng/ml



#34 AR-1260-4

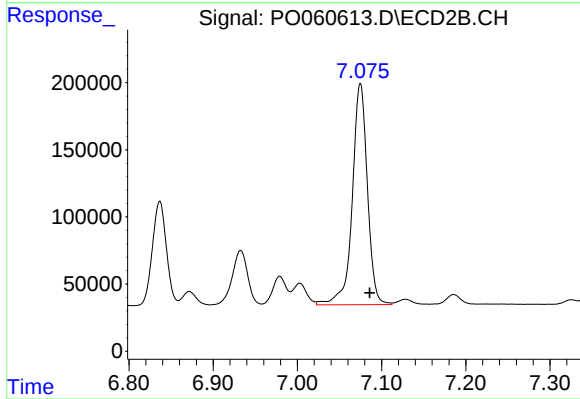
R.T.: 6.837 min
Delta R.T.: -0.011 min
Response: 900195
Conc: 443.22 ng/ml



#35 AR-1260-5

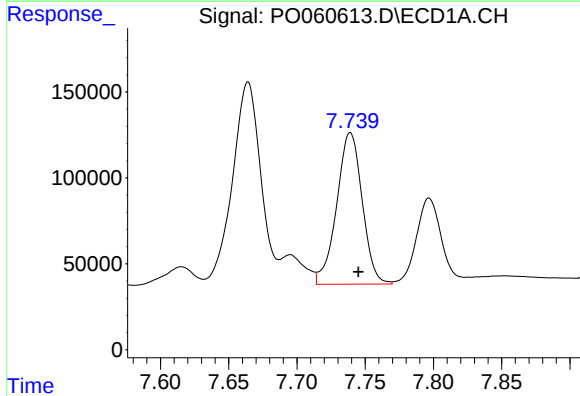
R.T.: 8.277 min
Delta R.T.: -0.007 min
Response: 2618467
Conc: 466.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



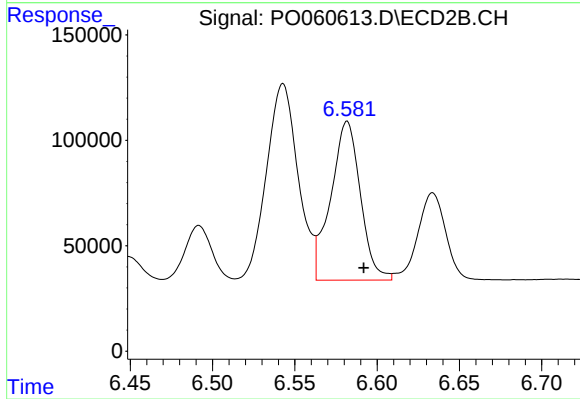
#35 AR-1260-5

R.T.: 7.075 min
Delta R.T.: -0.011 min
Response: 2054537
Conc: 448.51 ng/ml



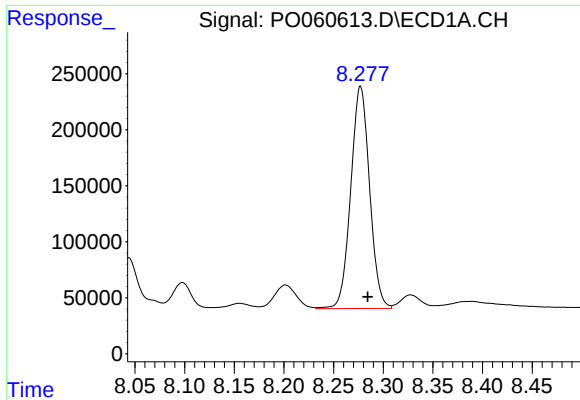
#36 AR-1262-1

R.T.: 7.739 min
Delta R.T.: -0.006 min
Response: 1148531
Conc: 342.00 ng/ml



#36 AR-1262-1

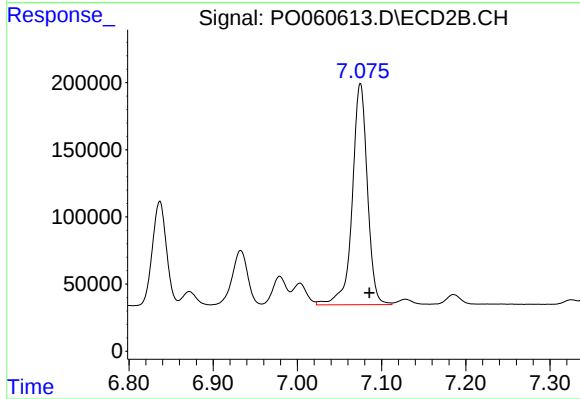
R.T.: 6.582 min
Delta R.T.: -0.010 min
Response: 943550
Conc: 354.87 ng/ml



#37 AR-1262-2

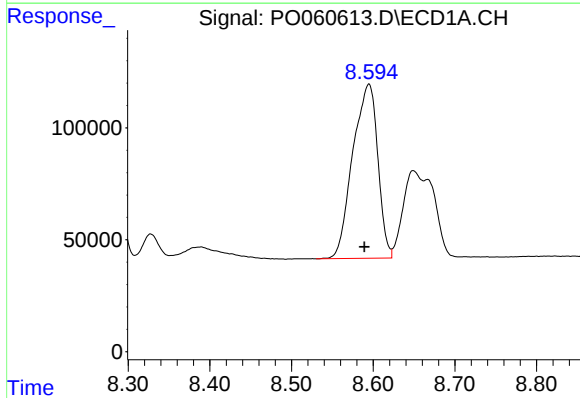
R.T.: 8.277 min
Delta R.T.: -0.007 min
Response: 2618467
Conc: 447.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



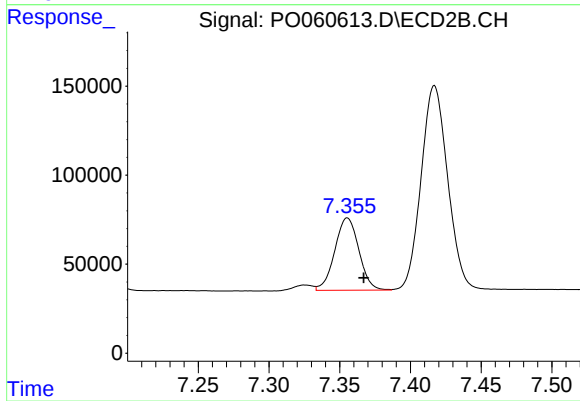
#37 AR-1262-2

R.T.: 7.075 min
Delta R.T.: -0.010 min
Response: 2054537
Conc: 452.58 ng/ml



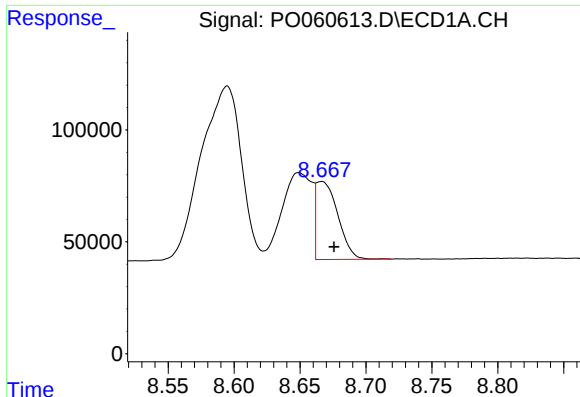
#38 AR-1262-3

R.T.: 8.595 min
Delta R.T.: 0.005 min
Response: 1654647
Conc: 413.50 ng/ml



#38 AR-1262-3

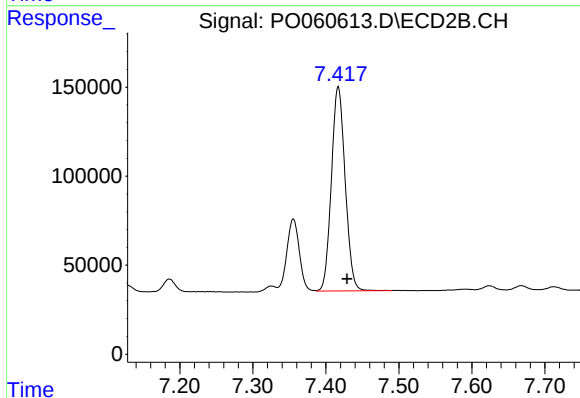
R.T.: 7.355 min
Delta R.T.: -0.012 min
Response: 482826
Conc: 254.71 ng/ml



#39 AR-1262-4

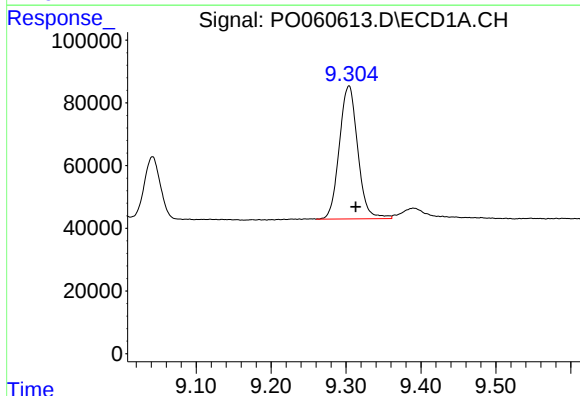
R.T.: 8.666 min
Delta R.T.: -0.009 min
Response: 399790
Conc: 131.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



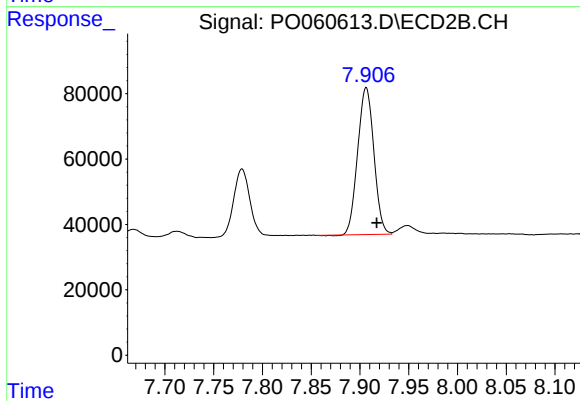
#39 AR-1262-4

R.T.: 7.417 min
Delta R.T.: -0.012 min
Response: 1503876
Conc: 438.54 ng/ml



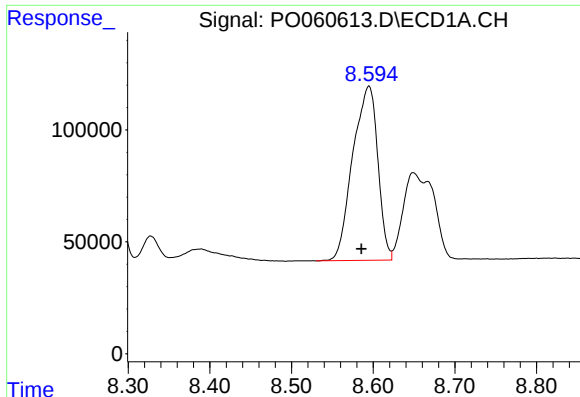
#40 AR-1262-5

R.T.: 9.304 min
Delta R.T.: -0.009 min
Response: 723184
Conc: 360.54 ng/ml



#40 AR-1262-5

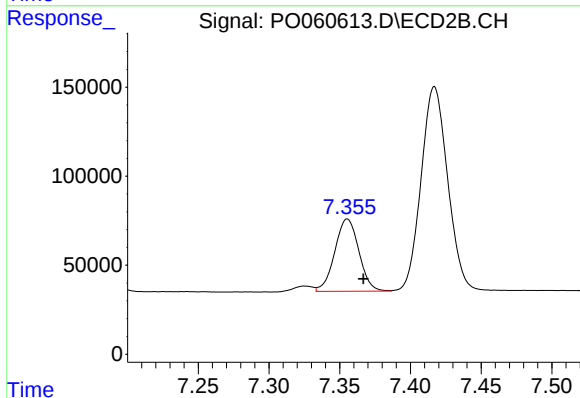
R.T.: 7.906 min
Delta R.T.: -0.011 min
Response: 520083
Conc: 332.63 ng/ml



#41 AR-1268-1

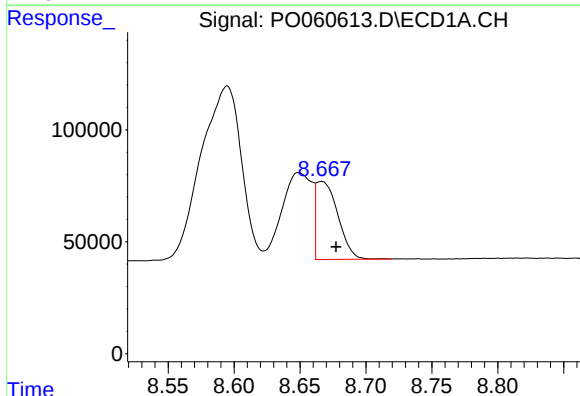
R.T.: 8.595 min
Delta R.T.: 0.009 min
Response: 1654647
Conc: 239.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



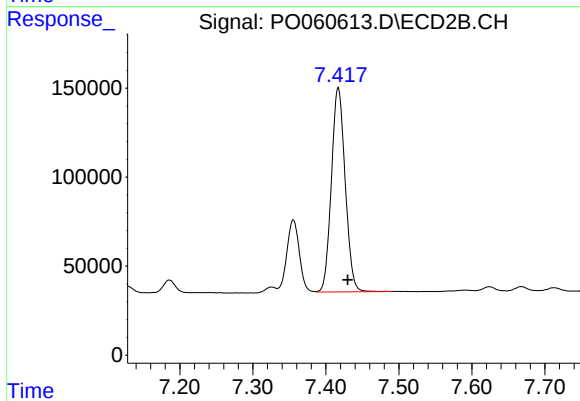
#41 AR-1268-1

R.T.: 7.355 min
Delta R.T.: -0.011 min
Response: 482826
Conc: 95.07 ng/ml



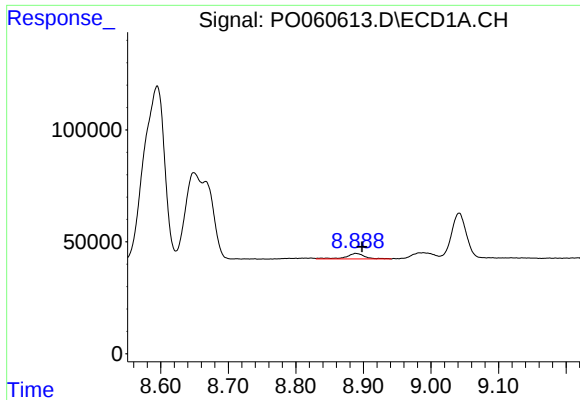
#42 AR-1268-2

R.T.: 8.666 min
Delta R.T.: -0.011 min
Response: 399790
Conc: 62.17 ng/ml



#42 AR-1268-2

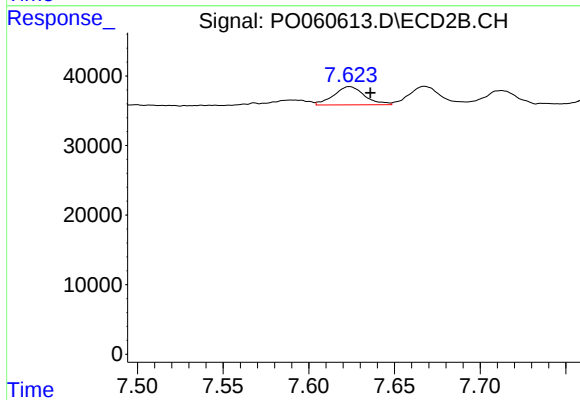
R.T.: 7.417 min
Delta R.T.: -0.013 min
Response: 1503876
Conc: 323.76 ng/ml



#43 AR-1268-3

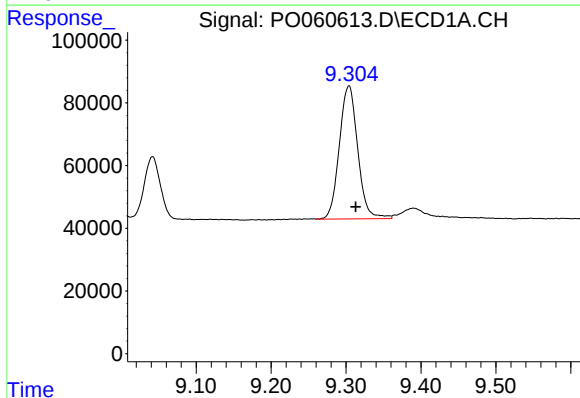
R.T.: 8.889 min
Delta R.T.: -0.009 min
Response: 46685
Conc: 8.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



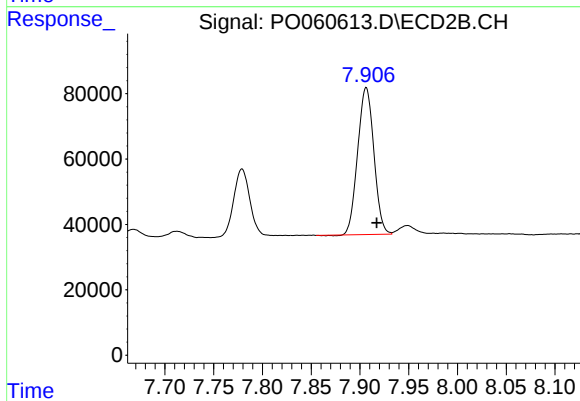
#43 AR-1268-3

R.T.: 7.624 min
Delta R.T.: -0.012 min
Response: 32656
Conc: 8.31 ng/ml



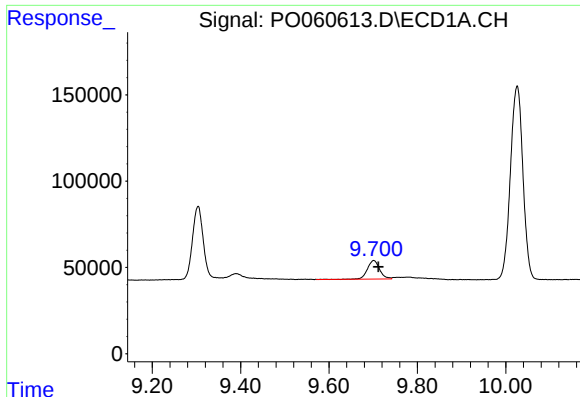
#44 AR-1268-4

R.T.: 9.304 min
Delta R.T.: -0.009 min
Response: 723184
Conc: 325.98 ng/ml



#44 AR-1268-4

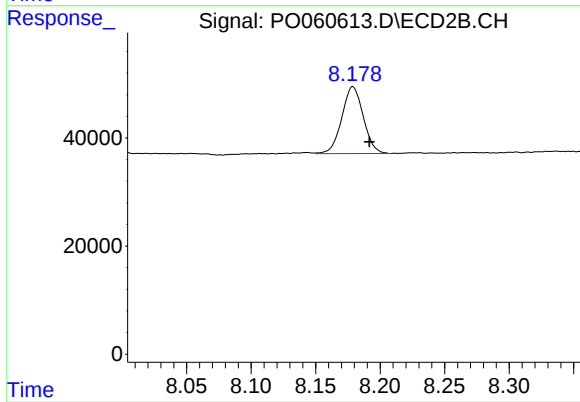
R.T.: 7.906 min
Delta R.T.: -0.011 min
Response: 520083
Conc: 305.87 ng/ml



#45 AR-1268-5

R.T.: 9.701 min
Delta R.T.: -0.011 min
Response: 211681
Conc: 12.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.179 min
Delta R.T.: -0.013 min
Response: 143341
Conc: 12.79 ng/ml