

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO120519\
 Data File : PO064405.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Dec 2019 5:33
 Operator : SM/AJ
 Sample : K6112-01MSD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 OK-02-120419MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 07:56:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO112719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 28 01:28:08 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...	4.318	3.567	1099743	997544	37.134	41.940
2)	SA Decachlor...	9.942	8.524	720011	697375	17.568	17.071
Target Compounds							
3)	L1 AR-1016-1	5.478	4.641	489219	438332	376.860	418.651
4)	L1 AR-1016-2	5.500	4.660	685625	572393	376.075	405.762
5)	L1 AR-1016-3	5.561	4.834	420857	312452	366.683	405.663
6)	L1 AR-1016-4	5.660	4.875	349116	268581	371.233	412.872
7)	L1 AR-1016-5	5.952	5.086	351600	312421	361.314	375.271
8)	L2 AR-1221-1	4.523	3.775	50716	28882	142.759	110.400
9)	L2 AR-1221-2	4.613	3.864	65805	56502	238.004	282.718
10)	L2 AR-1221-3	4.689	3.939	265576	207679	316.282	321.167
11)	L3 AR-1232-1	4.689	3.939	265576	207679	207.145	205.073
12)	L3 AR-1232-2	5.213	4.660	356701	572393	507.737	525.034
13)	L3 AR-1232-3	5.500	4.834	685625	312452	495.100	537.452
14)	L3 AR-1232-4	5.660	4.917	349116	305169	490.689	574.832
15)	L3 AR-1232-5	5.749	5.086	289393	312421	513.825	533.578
16)	L4 AR-1242-1	5.478	4.641	489219	438332	513.781	572.443
17)	L4 AR-1242-2	5.500	4.660	685625	572393	507.647	554.017
18)	L4 AR-1242-3	5.561	4.834	420857	312452	490.440	557.532
19)	L4 AR-1242-4	5.660	4.917	349116	305169	499.301	538.051
20)	L4 AR-1242-5	6.392	5.436	62427	248448	73.894	316.575 #
21)	L5 AR-1248-1	5.478	4.641	489219	438332	872.197	976.153
22)	L5 AR-1248-2	5.749	4.875	289393	268581	349.213	427.138
23)	L5 AR-1248-3	5.952	4.917	351600	305169	382.228	472.963
24)	L5 AR-1248-4	6.354	5.086	71267	312421	64.297	396.342 #
25)	L5 AR-1248-5	6.392	5.436	62427	248448	58.181	205.064 #
26)	L6 AR-1254-1	6.326	5.436	244023	248448	149.512	126.413
27)	L6 AR-1254-2	6.544	5.582	269635	241363	103.433	134.772 #
28)	L6 AR-1254-3	6.910	5.998	160774	416786	55.703	134.672 #
29)	L6 AR-1254-4	7.193	6.210	107702	73008	47.028	35.385
30)	L6 AR-1254-5	7.609	6.625	705682	660008	276.169	218.821
31)	L7 AR-1260-1	7.071	6.112	552850	549844	292.951	313.263
32)	L7 AR-1260-2	7.327	6.299	637045	632434	272.393	284.269
33)	L7 AR-1260-3	7.684	6.452	463317	565942	250.266	278.347
34)	L7 AR-1260-4	7.909	6.921	525631	451037	239.840	243.178
35)	L7 AR-1260-5	8.220	7.162	910530	1003723	206.237	207.320
36)	L8 AR-1262-1	7.684	6.716	463317	247864	155.182	197.261 #
37)	L8 AR-1262-2	8.220	7.162	910530	1003723	165.139	168.260
38)	L8 AR-1262-3	8.533	7.444	602183	221732	155.633	95.113 #
39)	L8 AR-1262-4	8.587	7.507	373257	702325	127.684	157.716
40)	L8 AR-1262-5	9.232	7.999	266784	236504	127.107	111.979
41)	L9 AR-1268-1	8.533	7.444	602183	221732	92.361	31.758 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120519\
Data File : P0064405.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 06 Dec 2019 5:33
Operator : SM/AJ
Sample : K6112-01MSD
Misc :
ALS Vial : 53 Sample Multiplier: 1

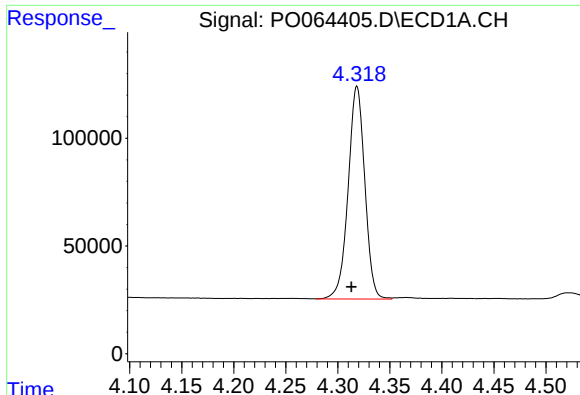
Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 07:56:21 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112719.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Nov 28 01:28:08 2019
Response via : Initial Calibration
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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	8.587	7.507	373257	702325	61.782	109.695 #
43) L9	AR-1268-3	8.823	7.714	24888	12866	5.013	2.457 #
44) L9	AR-1268-4	9.232	7.999	266784	236504	114.026	101.235
45) L9	AR-1268-5	9.624	8.279	74116	69643	4.825	4.217

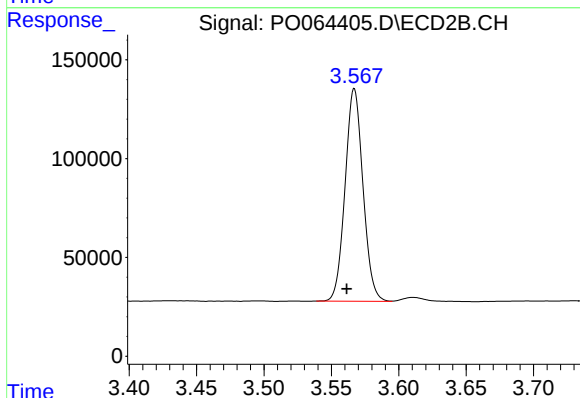
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

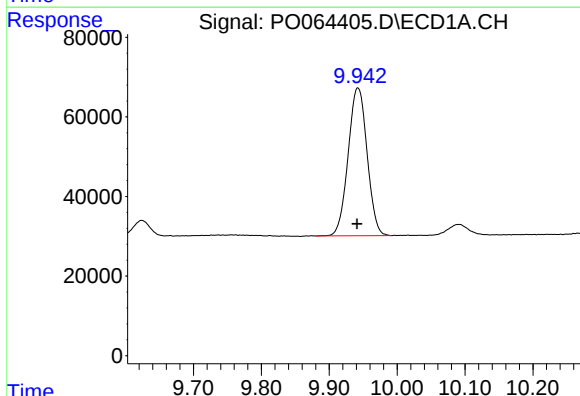
R.T.: 4.318 min
Delta R.T.: 0.005 min
Response: 1099743
Conc: 37.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



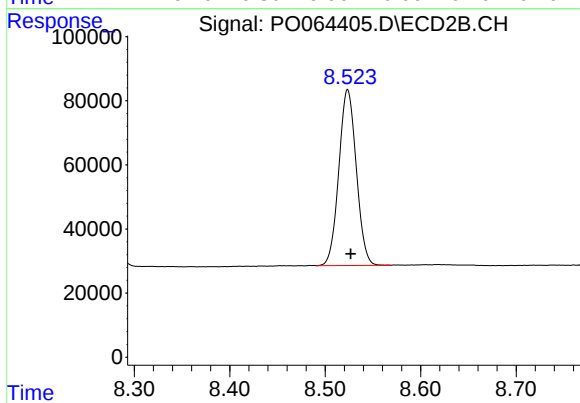
#1 Tetrachloro-m-xylene

R.T.: 3.567 min
Delta R.T.: 0.006 min
Response: 997544
Conc: 41.94 ng/ml



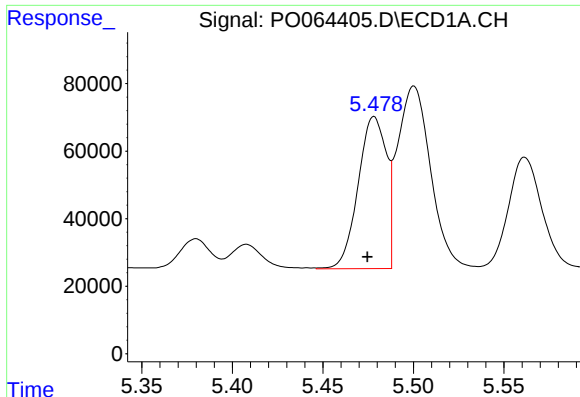
#2 Decachlorobiphenyl

R.T.: 9.942 min
Delta R.T.: 0.000 min
Response: 720011
Conc: 17.57 ng/ml



#2 Decachlorobiphenyl

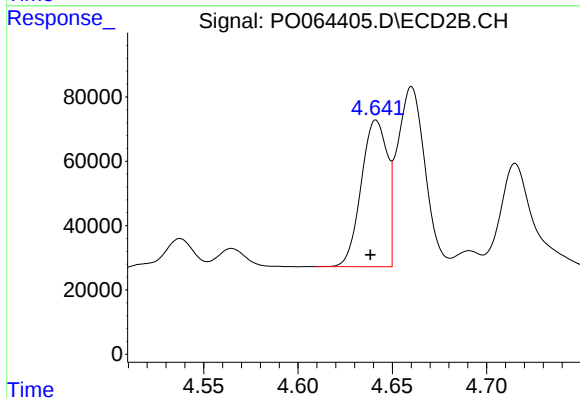
R.T.: 8.524 min
Delta R.T.: -0.003 min
Response: 697375
Conc: 17.07 ng/ml



#3 AR-1016-1

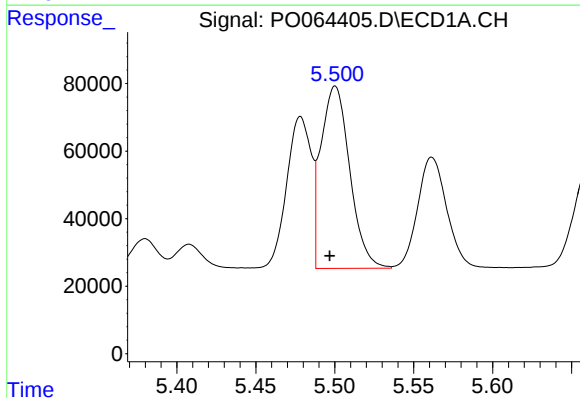
R.T.: 5.478 min
Delta R.T.: 0.004 min
Response: 489219
Conc: 376.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



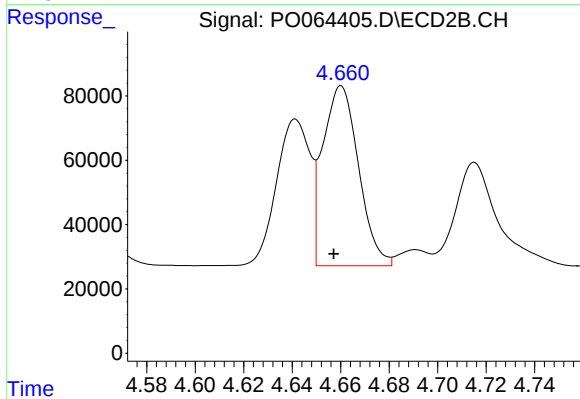
#3 AR-1016-1

R.T.: 4.641 min
Delta R.T.: 0.003 min
Response: 438332
Conc: 418.65 ng/ml



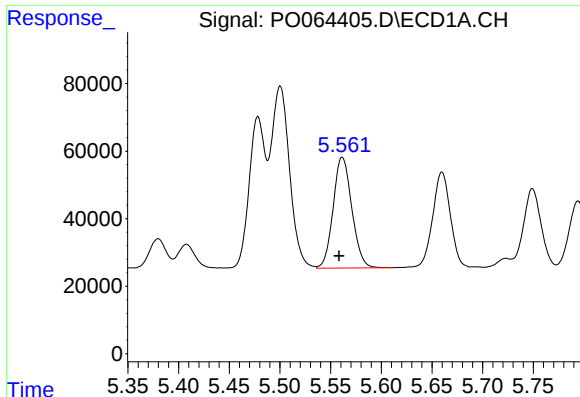
#4 AR-1016-2

R.T.: 5.500 min
Delta R.T.: 0.003 min
Response: 685625
Conc: 376.07 ng/ml



#4 AR-1016-2

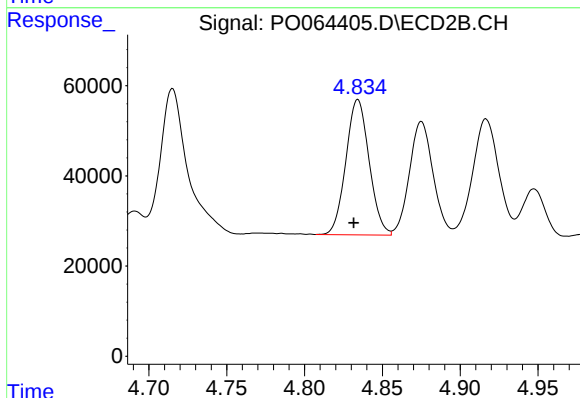
R.T.: 4.660 min
Delta R.T.: 0.003 min
Response: 572393
Conc: 405.76 ng/ml



#5 AR-1016-3

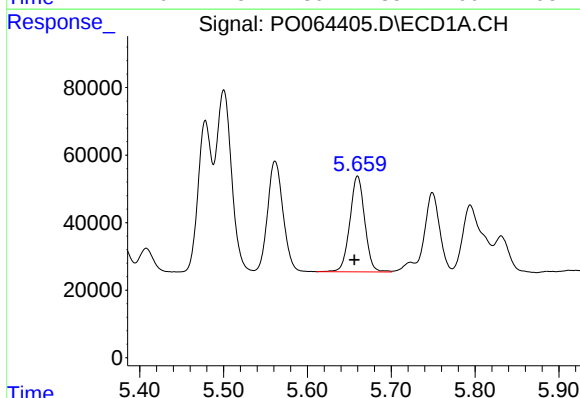
R.T.: 5.561 min
Delta R.T.: 0.003 min
Response: 420857
Conc: 366.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



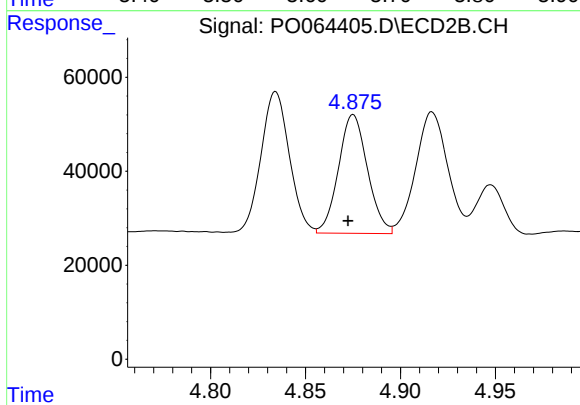
#5 AR-1016-3

R.T.: 4.834 min
Delta R.T.: 0.003 min
Response: 312452
Conc: 405.66 ng/ml



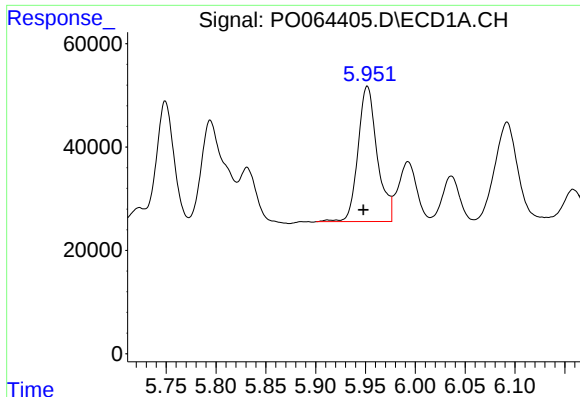
#6 AR-1016-4

R.T.: 5.660 min
Delta R.T.: 0.004 min
Response: 349116
Conc: 371.23 ng/ml



#6 AR-1016-4

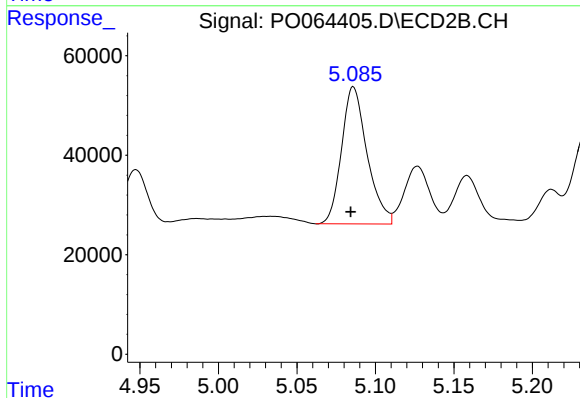
R.T.: 4.875 min
Delta R.T.: 0.003 min
Response: 268581
Conc: 412.87 ng/ml



#7 AR-1016-5

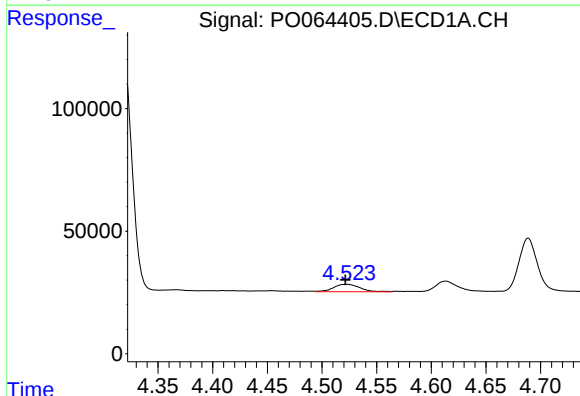
R.T.: 5.952 min
Delta R.T.: 0.004 min
Response: 351600
Conc: 361.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



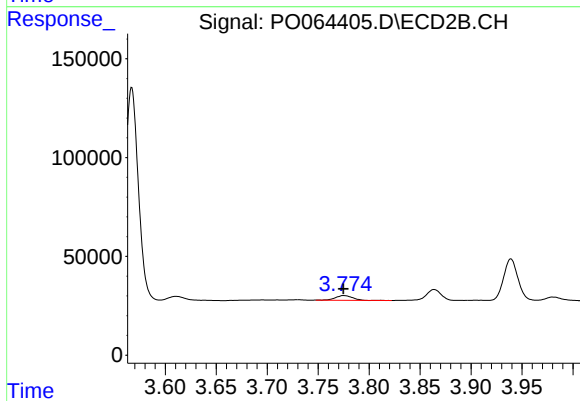
#7 AR-1016-5

R.T.: 5.086 min
Delta R.T.: 0.002 min
Response: 312421
Conc: 375.27 ng/ml



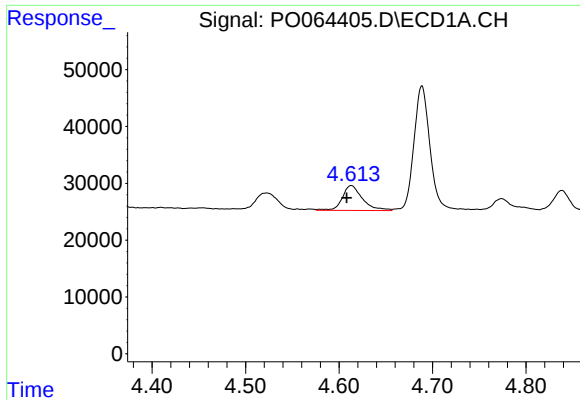
#8 AR-1221-1

R.T.: 4.523 min
Delta R.T.: 0.001 min
Response: 50716
Conc: 142.76 ng/ml



#8 AR-1221-1

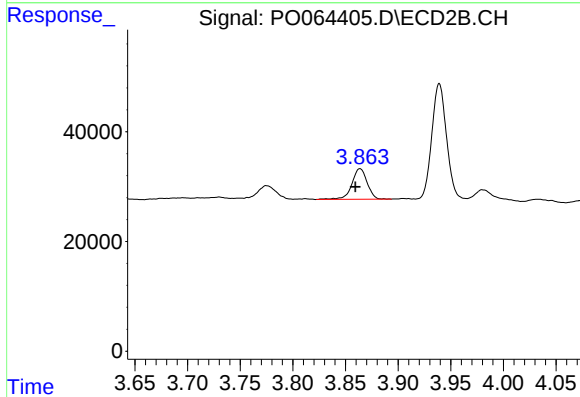
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 28882
Conc: 110.40 ng/ml



#9 AR-1221-2

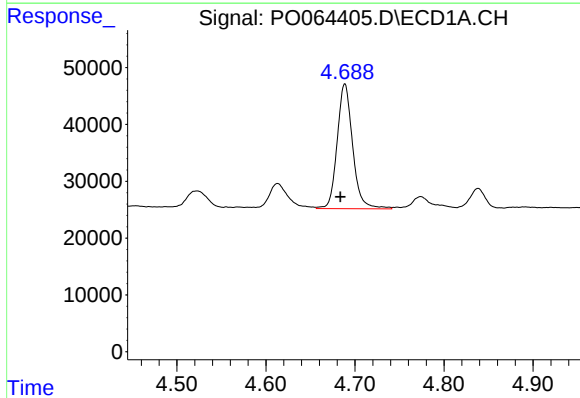
R.T.: 4.613 min
Delta R.T.: 0.005 min
Response: 65805
Conc: 238.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



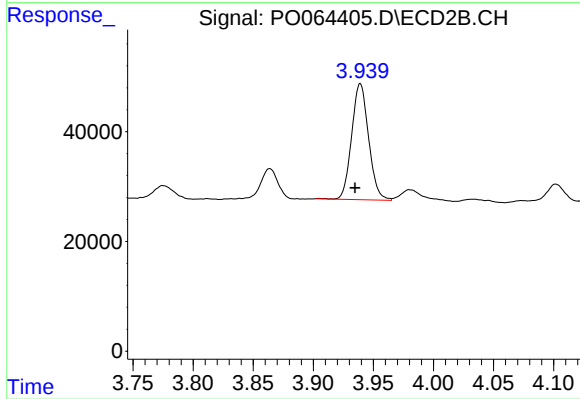
#9 AR-1221-2

R.T.: 3.864 min
Delta R.T.: 0.004 min
Response: 56502
Conc: 282.72 ng/ml



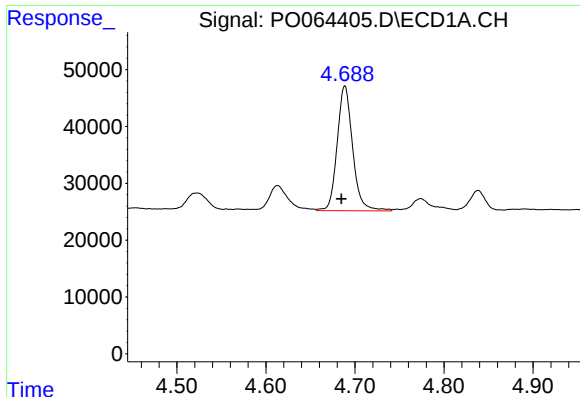
#10 AR-1221-3

R.T.: 4.689 min
Delta R.T.: 0.005 min
Response: 265576
Conc: 316.28 ng/ml



#10 AR-1221-3

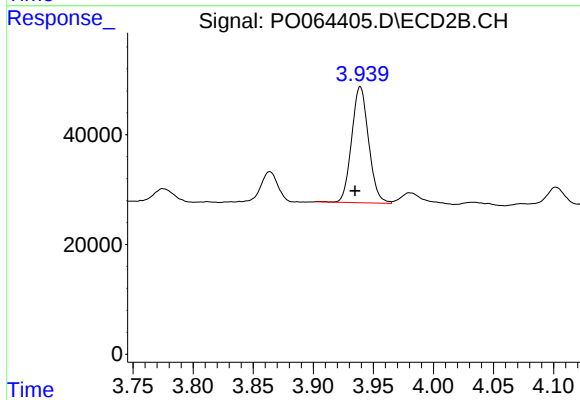
R.T.: 3.939 min
Delta R.T.: 0.004 min
Response: 207679
Conc: 321.17 ng/ml



#11 AR-1232-1

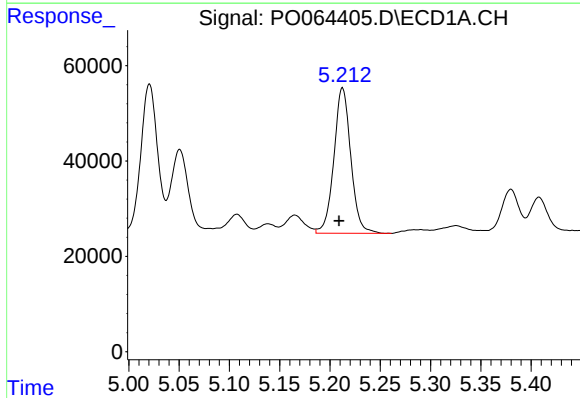
R.T.: 4.689 min
Delta R.T.: 0.004 min
Response: 265576
Conc: 207.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



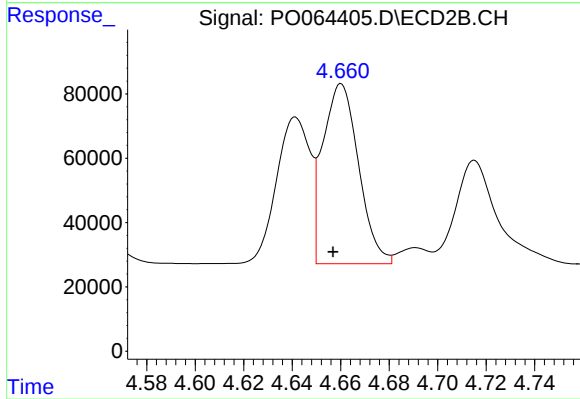
#11 AR-1232-1

R.T.: 3.939 min
Delta R.T.: 0.004 min
Response: 207679
Conc: 205.07 ng/ml



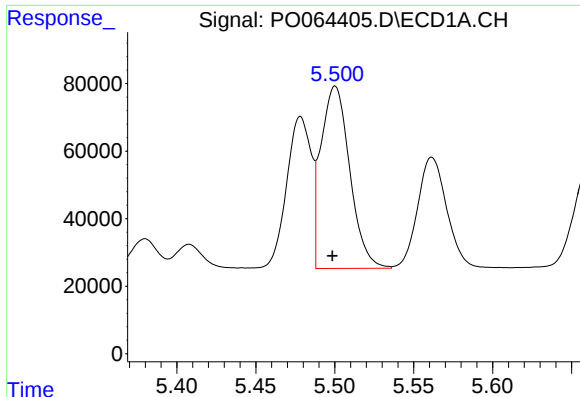
#12 AR-1232-2

R.T.: 5.213 min
Delta R.T.: 0.003 min
Response: 356701
Conc: 507.74 ng/ml



#12 AR-1232-2

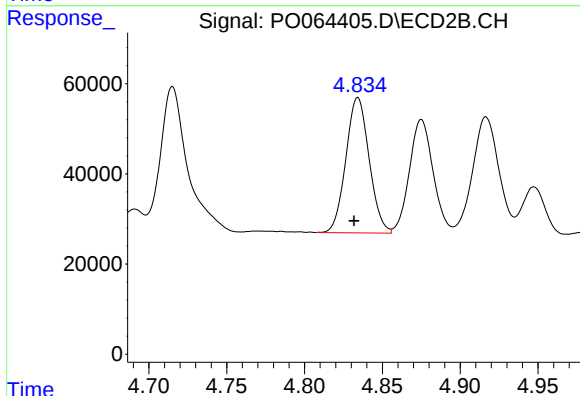
R.T.: 4.660 min
Delta R.T.: 0.003 min
Response: 572393
Conc: 525.03 ng/ml



#13 AR-1232-3

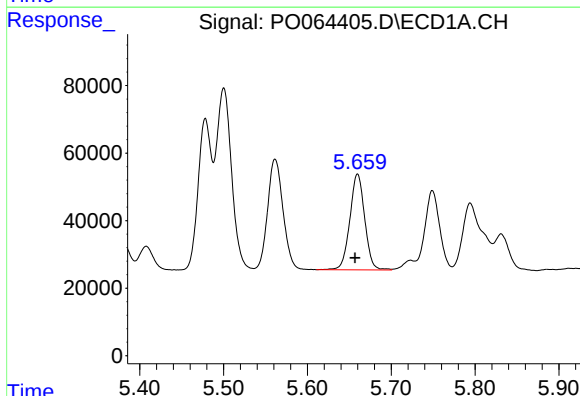
R.T.: 5.500 min
Delta R.T.: 0.002 min
Response: 685625
Conc: 495.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



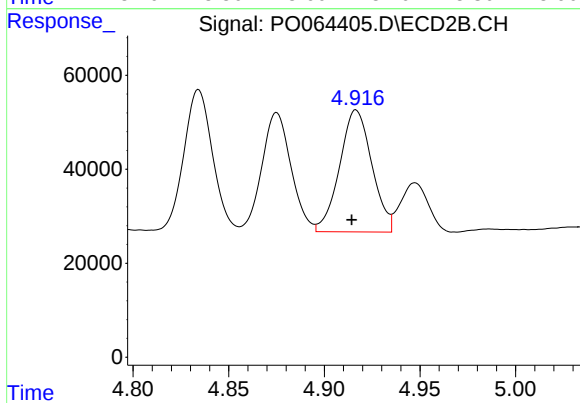
#13 AR-1232-3

R.T.: 4.834 min
Delta R.T.: 0.002 min
Response: 312452
Conc: 537.45 ng/ml



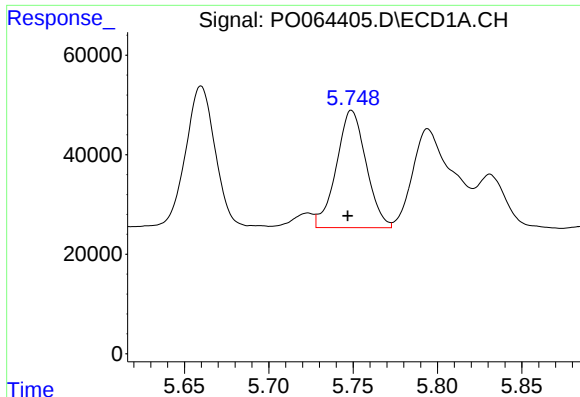
#14 AR-1232-4

R.T.: 5.660 min
Delta R.T.: 0.003 min
Response: 349116
Conc: 490.69 ng/ml



#14 AR-1232-4

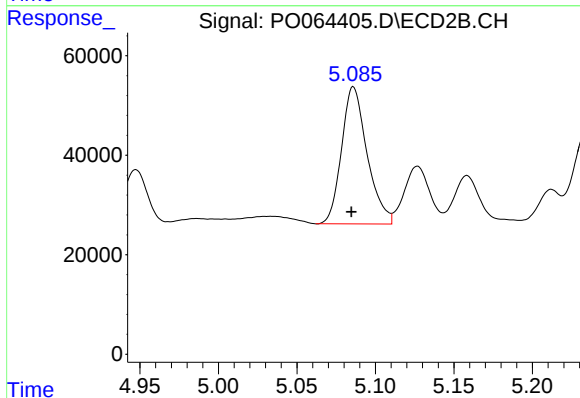
R.T.: 4.917 min
Delta R.T.: 0.002 min
Response: 305169
Conc: 574.83 ng/ml



#15 AR-1232-5

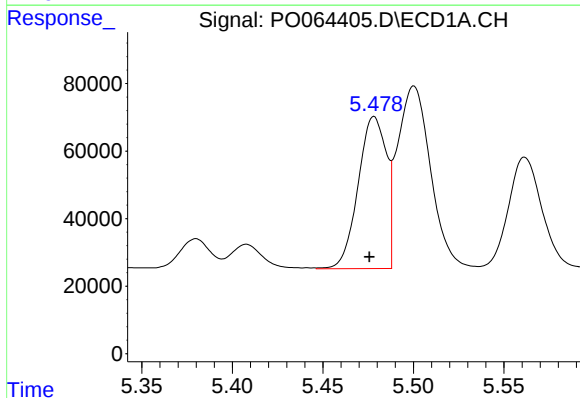
R.T.: 5.749 min
Delta R.T.: 0.002 min
Response: 289393
Conc: 513.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



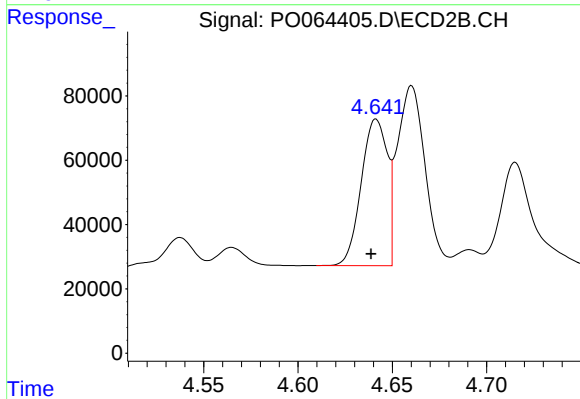
#15 AR-1232-5

R.T.: 5.086 min
Delta R.T.: 0.001 min
Response: 312421
Conc: 533.58 ng/ml



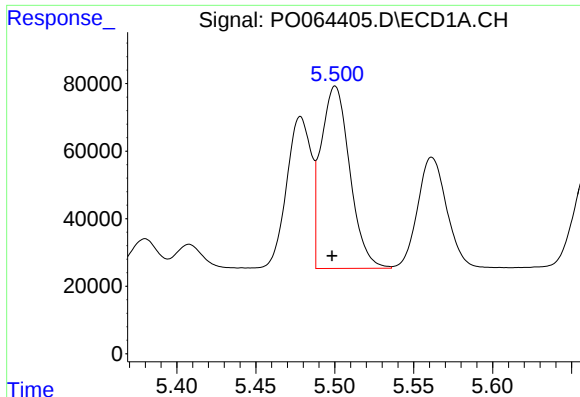
#16 AR-1242-1

R.T.: 5.478 min
Delta R.T.: 0.003 min
Response: 489219
Conc: 513.78 ng/ml



#16 AR-1242-1

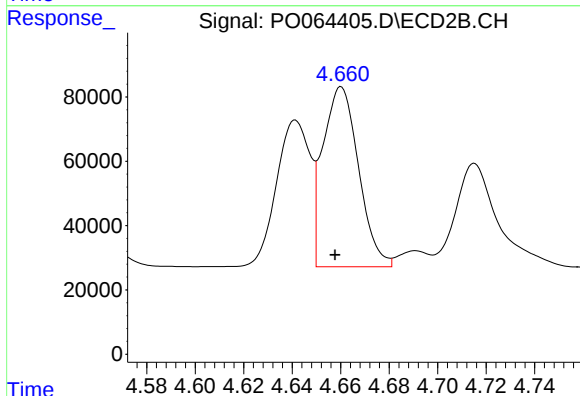
R.T.: 4.641 min
Delta R.T.: 0.003 min
Response: 438332
Conc: 572.44 ng/ml



#17 AR-1242-2

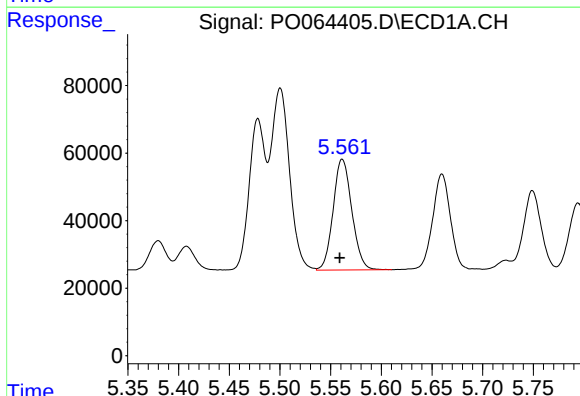
R.T.: 5.500 min
Delta R.T.: 0.002 min
Response: 685625
Conc: 507.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



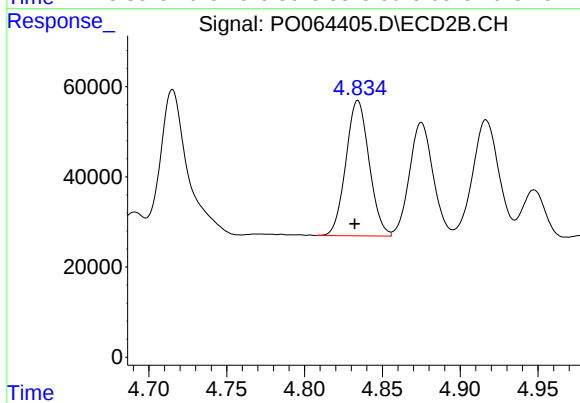
#17 AR-1242-2

R.T.: 4.660 min
Delta R.T.: 0.002 min
Response: 572393
Conc: 554.02 ng/ml



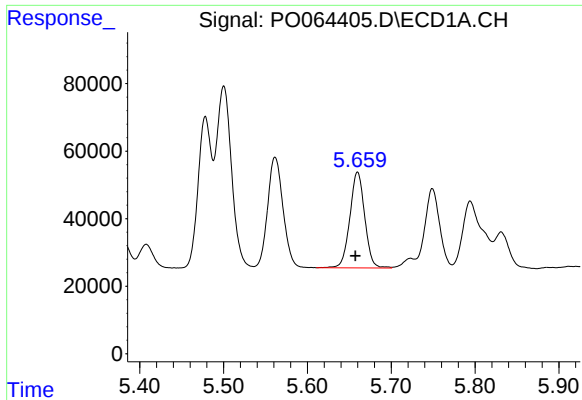
#18 AR-1242-3

R.T.: 5.561 min
Delta R.T.: 0.003 min
Response: 420857
Conc: 490.44 ng/ml



#18 AR-1242-3

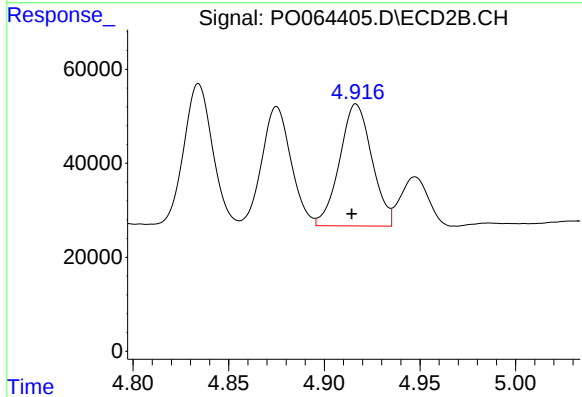
R.T.: 4.834 min
Delta R.T.: 0.002 min
Response: 312452
Conc: 557.53 ng/ml



#19 AR-1242-4

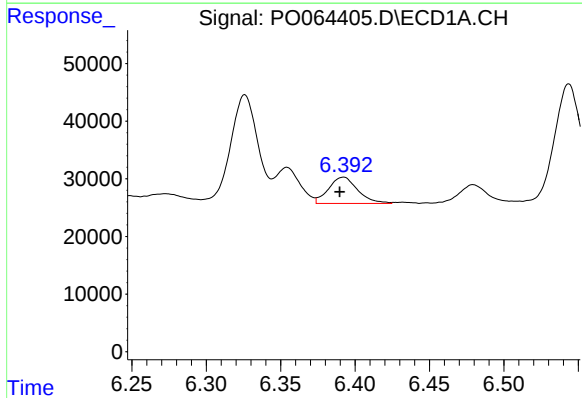
R.T.: 5.660 min
Delta R.T.: 0.003 min
Response: 349116
Conc: 499.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



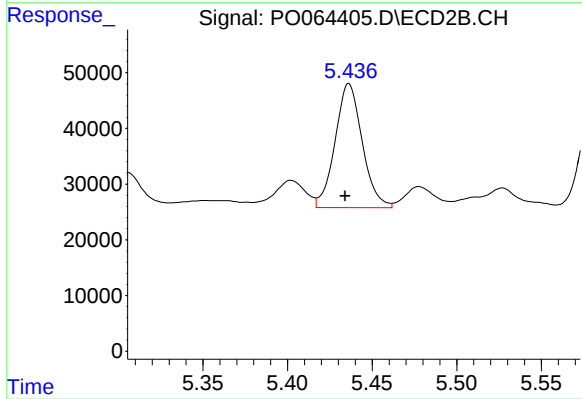
#19 AR-1242-4

R.T.: 4.917 min
Delta R.T.: 0.002 min
Response: 305169
Conc: 538.05 ng/ml



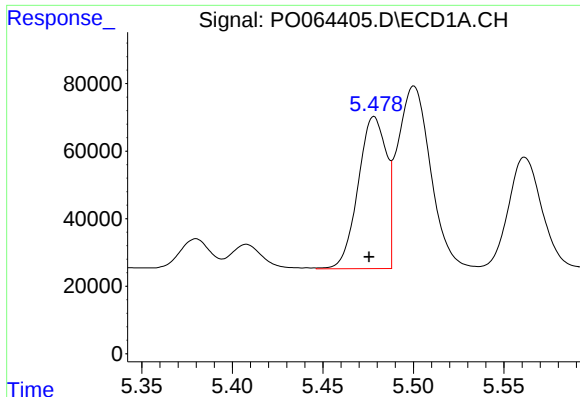
#20 AR-1242-5

R.T.: 6.392 min
Delta R.T.: 0.003 min
Response: 62427
Conc: 73.89 ng/ml



#20 AR-1242-5

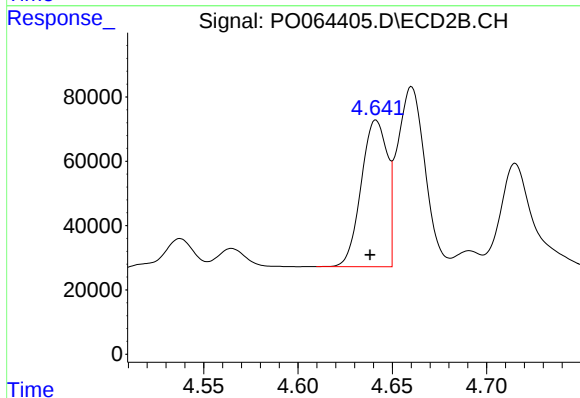
R.T.: 5.436 min
Delta R.T.: 0.002 min
Response: 248448
Conc: 316.58 ng/ml



#21 AR-1248-1

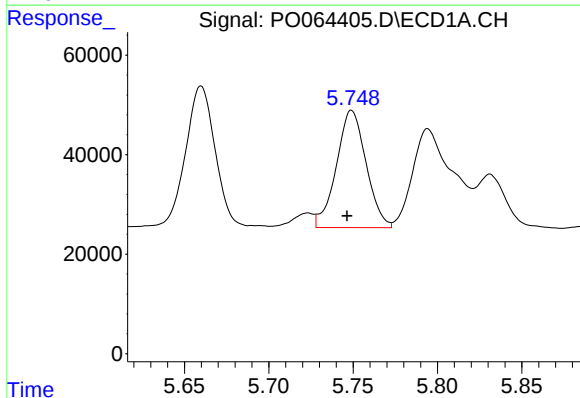
R.T.: 5.478 min
Delta R.T.: 0.003 min
Response: 489219
Conc: 872.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



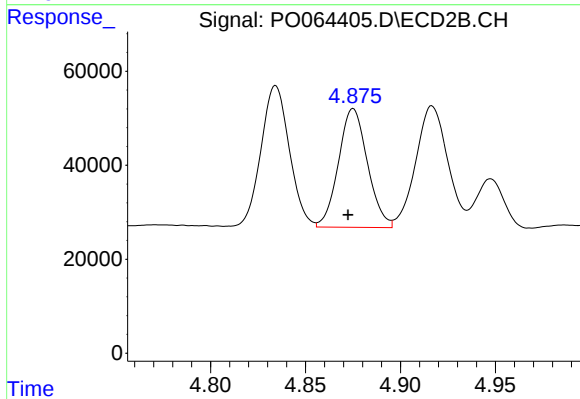
#21 AR-1248-1

R.T.: 4.641 min
Delta R.T.: 0.003 min
Response: 438332
Conc: 976.15 ng/ml



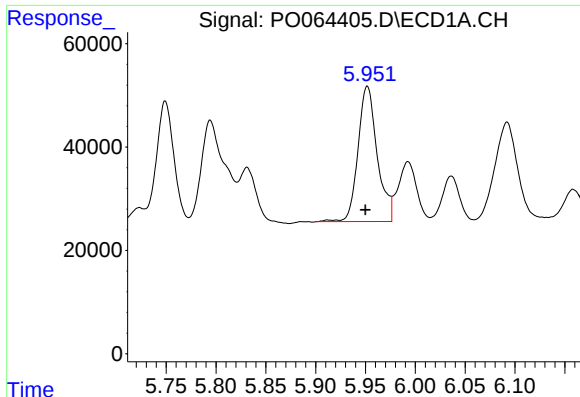
#22 AR-1248-2

R.T.: 5.749 min
Delta R.T.: 0.003 min
Response: 289393
Conc: 349.21 ng/ml



#22 AR-1248-2

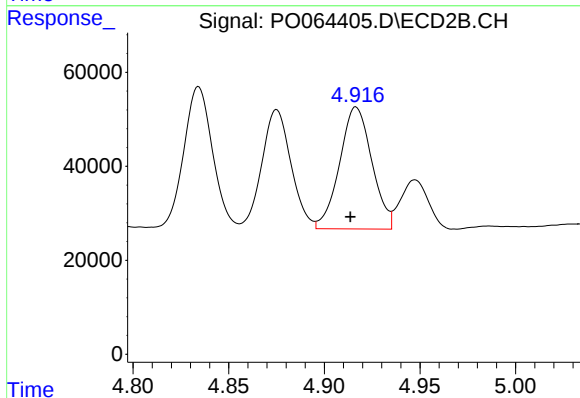
R.T.: 4.875 min
Delta R.T.: 0.003 min
Response: 268581
Conc: 427.14 ng/ml



#23 AR-1248-3

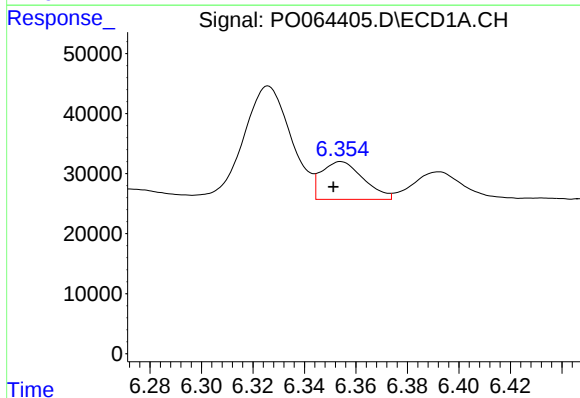
R.T.: 5.952 min
Delta R.T.: 0.002 min
Response: 351600
Conc: 382.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



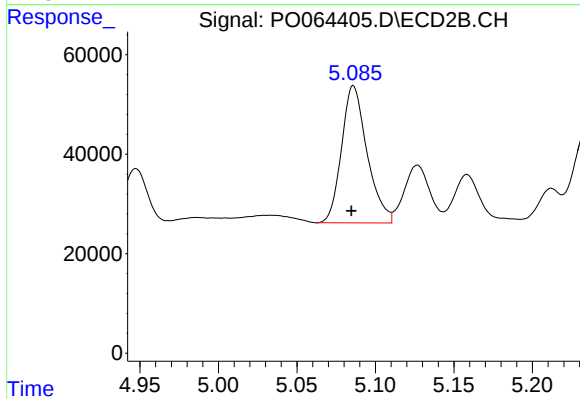
#23 AR-1248-3

R.T.: 4.917 min
Delta R.T.: 0.003 min
Response: 305169
Conc: 472.96 ng/ml



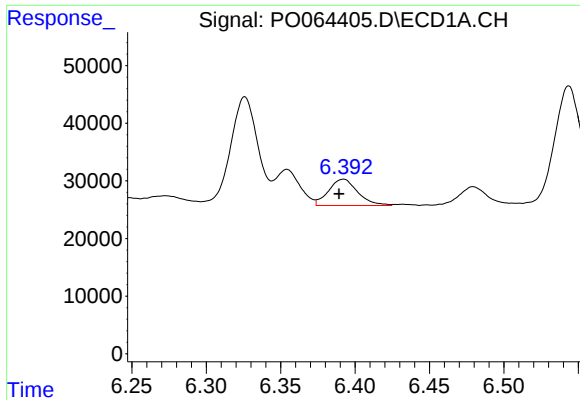
#24 AR-1248-4

R.T.: 6.354 min
Delta R.T.: 0.003 min
Response: 71267
Conc: 64.30 ng/ml



#24 AR-1248-4

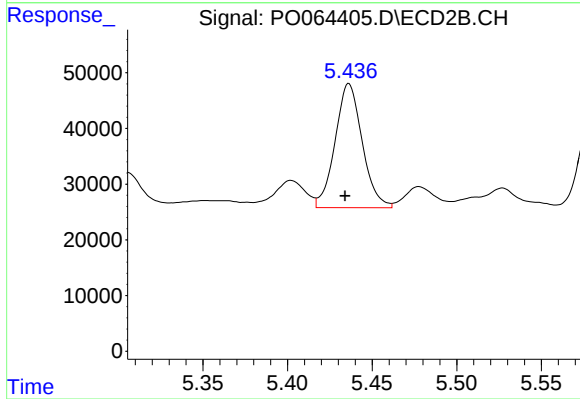
R.T.: 5.086 min
Delta R.T.: 0.001 min
Response: 312421
Conc: 396.34 ng/ml



#25 AR-1248-5

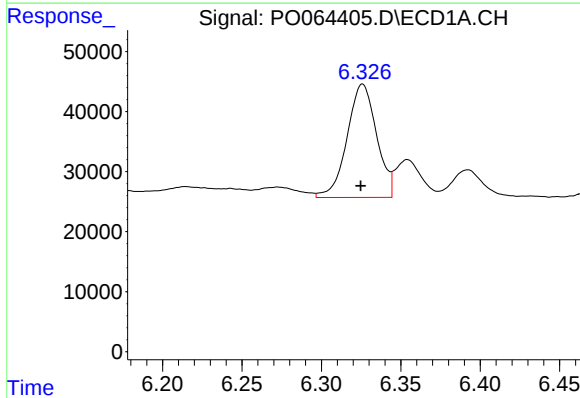
R.T.: 6.392 min
Delta R.T.: 0.003 min
Response: 62427
Conc: 58.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



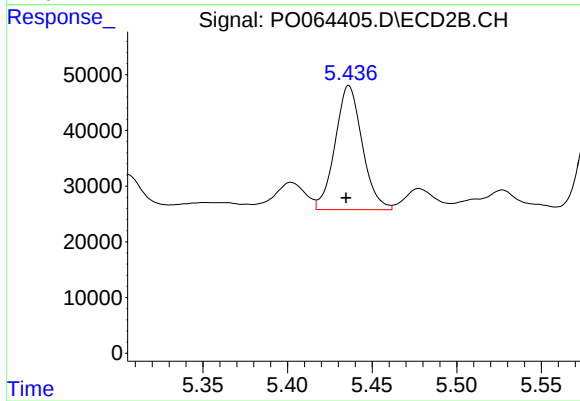
#25 AR-1248-5

R.T.: 5.436 min
Delta R.T.: 0.002 min
Response: 248448
Conc: 205.06 ng/ml



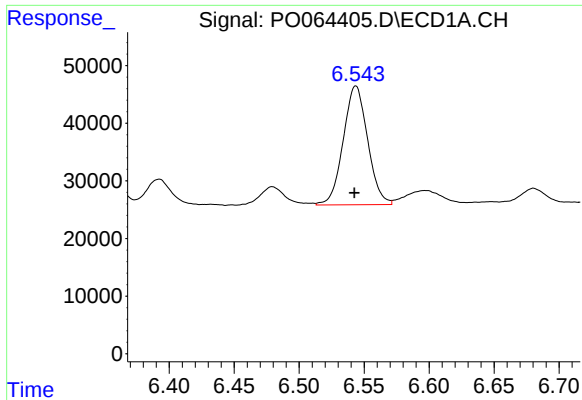
#26 AR-1254-1

R.T.: 6.326 min
Delta R.T.: 0.001 min
Response: 244023
Conc: 149.51 ng/ml



#26 AR-1254-1

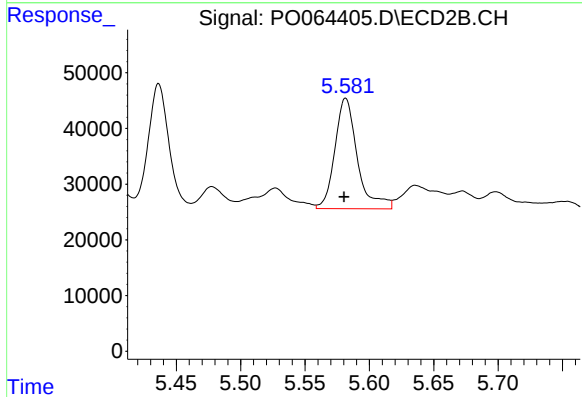
R.T.: 5.436 min
Delta R.T.: 0.002 min
Response: 248448
Conc: 126.41 ng/ml



#27 AR-1254-2

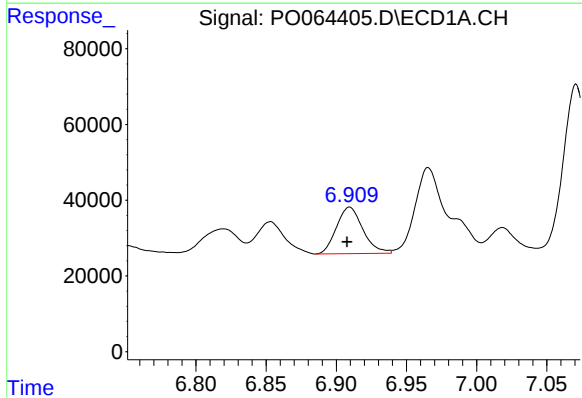
R.T.: 6.544 min
Delta R.T.: 0.001 min
Response: 269635
Conc: 103.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



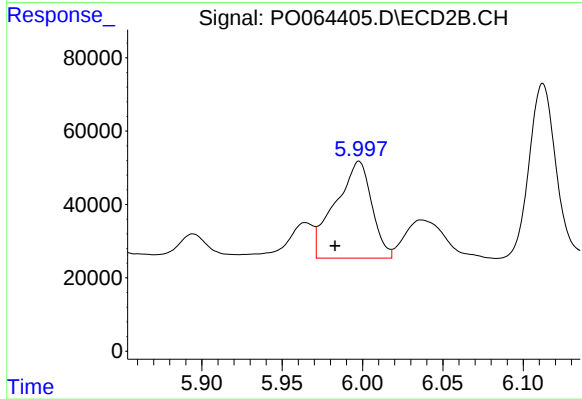
#27 AR-1254-2

R.T.: 5.582 min
Delta R.T.: 0.001 min
Response: 241363
Conc: 134.77 ng/ml



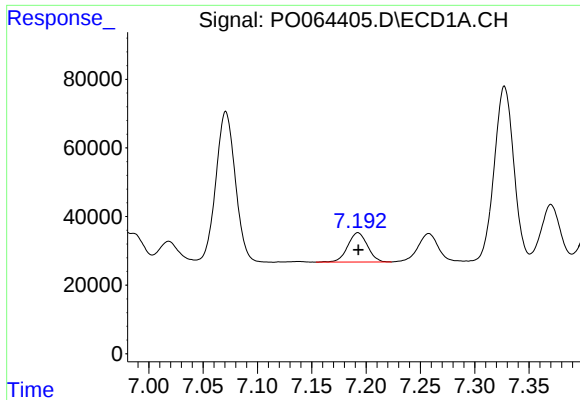
#28 AR-1254-3

R.T.: 6.910 min
Delta R.T.: 0.002 min
Response: 160774
Conc: 55.70 ng/ml



#28 AR-1254-3

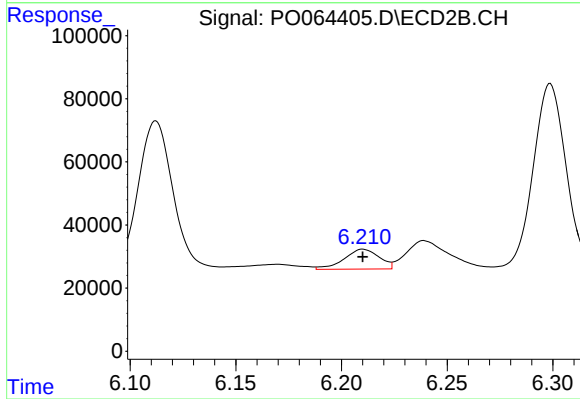
R.T.: 5.998 min
Delta R.T.: 0.015 min
Response: 416786
Conc: 134.67 ng/ml



#29 AR-1254-4

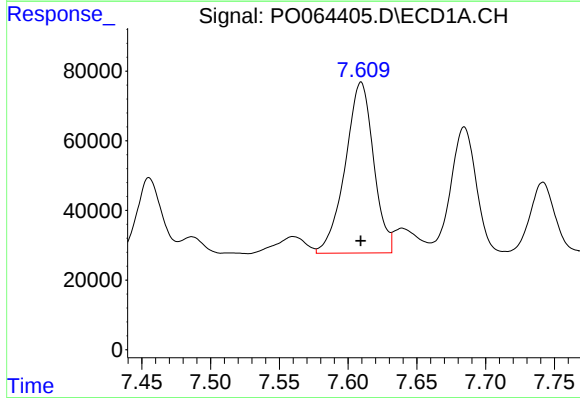
R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 107702
Conc: 47.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



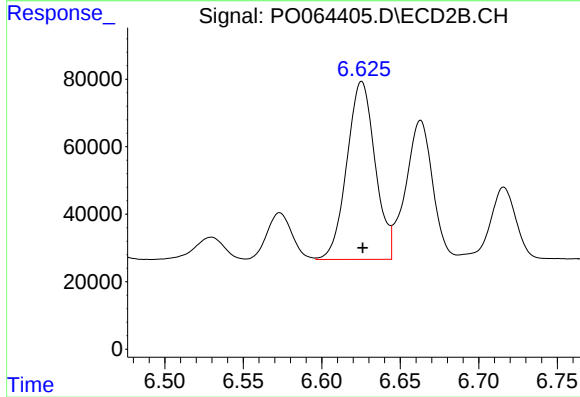
#29 AR-1254-4

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 73008
Conc: 35.38 ng/ml



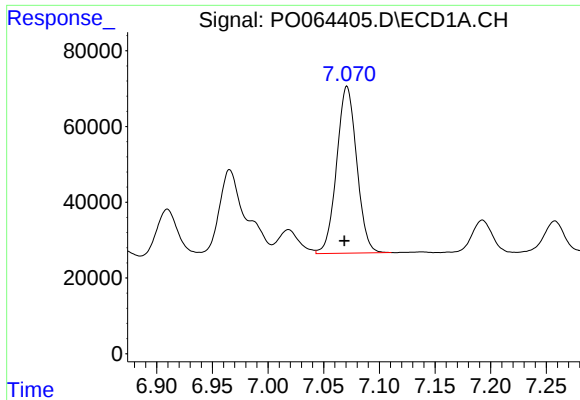
#30 AR-1254-5

R.T.: 7.609 min
Delta R.T.: 0.000 min
Response: 705682
Conc: 276.17 ng/ml



#30 AR-1254-5

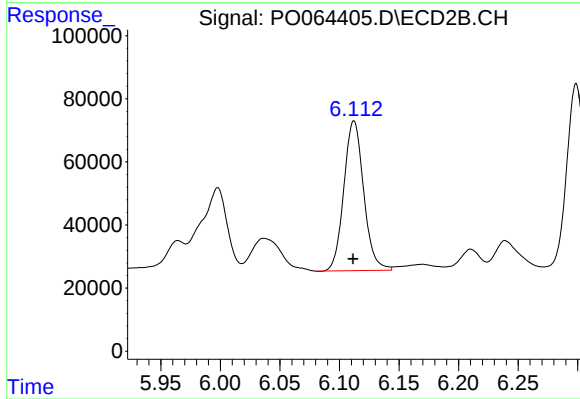
R.T.: 6.625 min
Delta R.T.: 0.000 min
Response: 660008
Conc: 218.82 ng/ml



#31 AR-1260-1

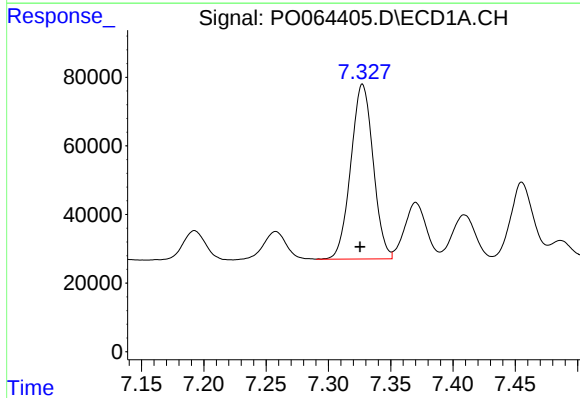
R.T.: 7.071 min
Delta R.T.: 0.002 min
Response: 552850
Conc: 292.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



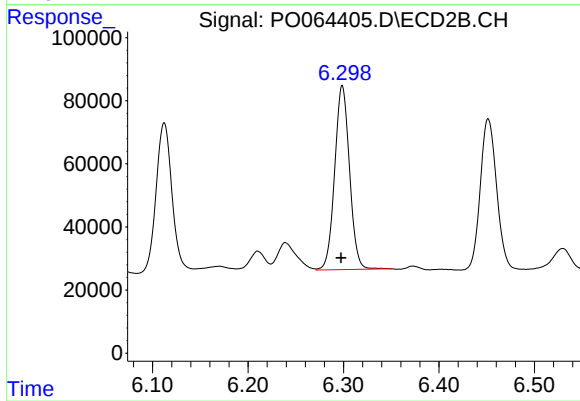
#31 AR-1260-1

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 549844
Conc: 313.26 ng/ml



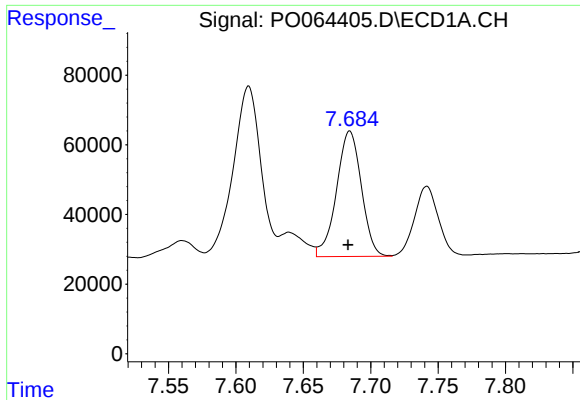
#32 AR-1260-2

R.T.: 7.327 min
Delta R.T.: 0.002 min
Response: 637045
Conc: 272.39 ng/ml



#32 AR-1260-2

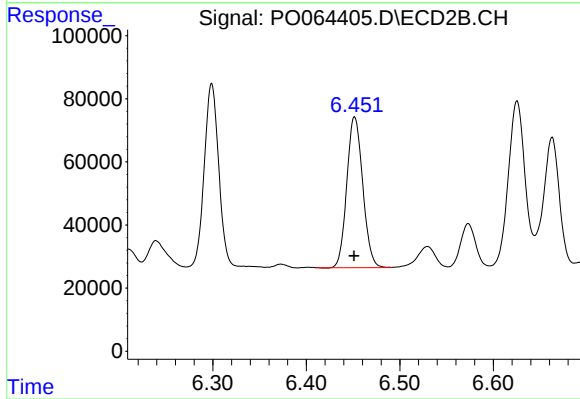
R.T.: 6.299 min
Delta R.T.: 0.001 min
Response: 632434
Conc: 284.27 ng/ml



#33 AR-1260-3

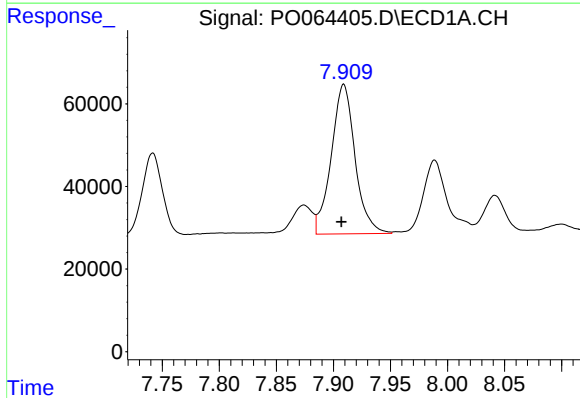
R.T.: 7.684 min
Delta R.T.: 0.001 min
Response: 463317
Conc: 250.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



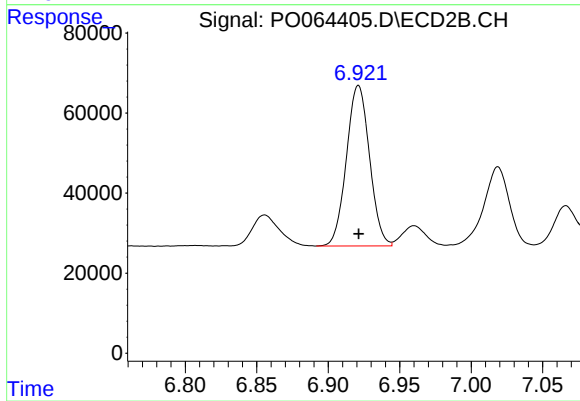
#33 AR-1260-3

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 565942
Conc: 278.35 ng/ml



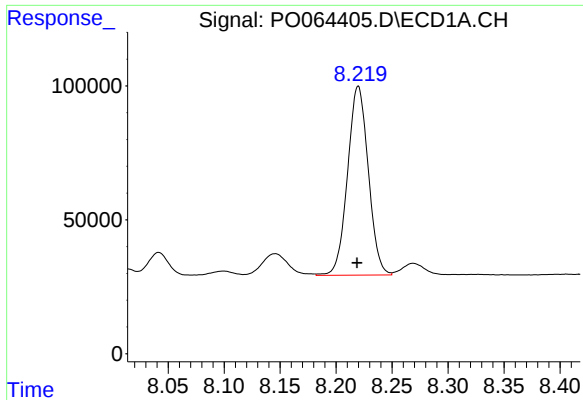
#34 AR-1260-4

R.T.: 7.909 min
Delta R.T.: 0.002 min
Response: 525631
Conc: 239.84 ng/ml



#34 AR-1260-4

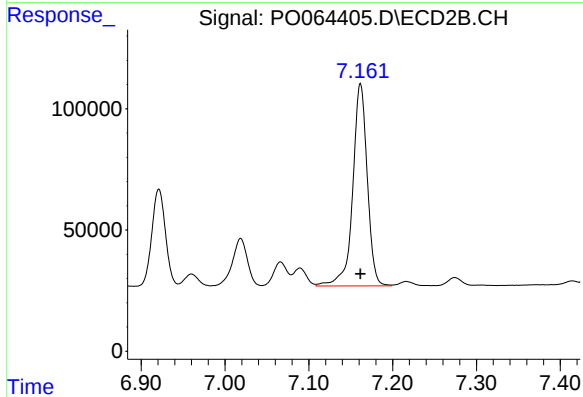
R.T.: 6.921 min
Delta R.T.: 0.000 min
Response: 451037
Conc: 243.18 ng/ml



#35 AR-1260-5

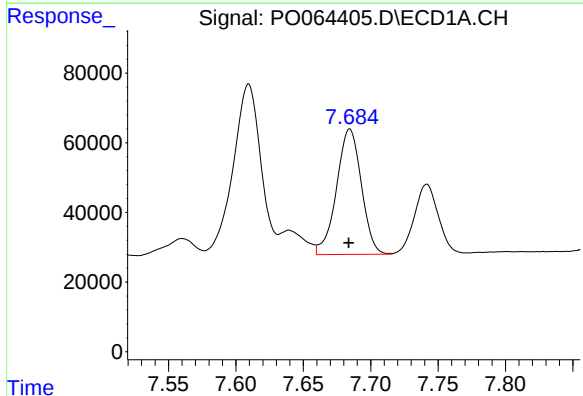
R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 910530
Conc: 206.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



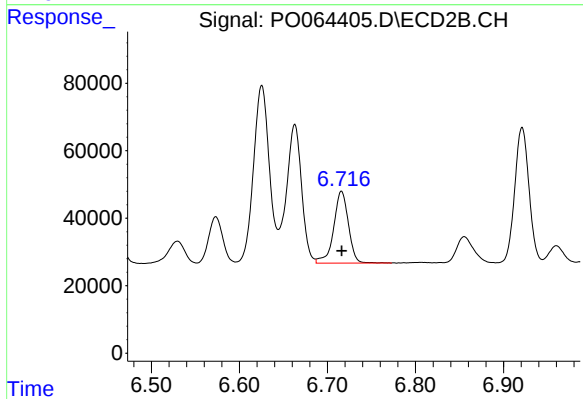
#35 AR-1260-5

R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 1003723
Conc: 207.32 ng/ml



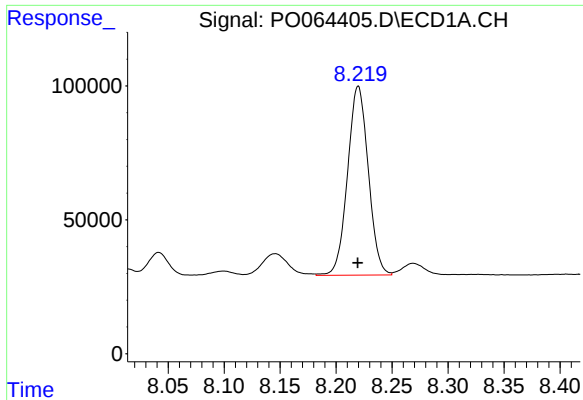
#36 AR-1262-1

R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 463317
Conc: 155.18 ng/ml



#36 AR-1262-1

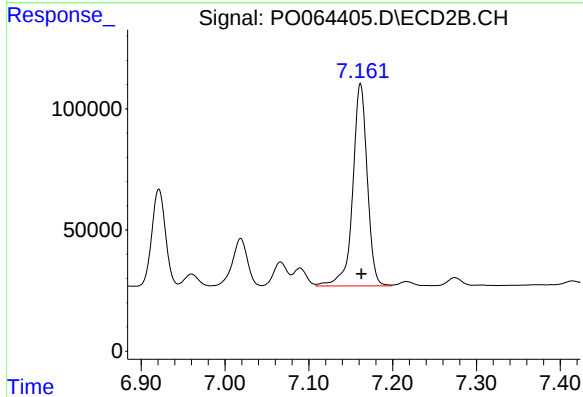
R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 247864
Conc: 197.26 ng/ml



#37 AR-1262-2

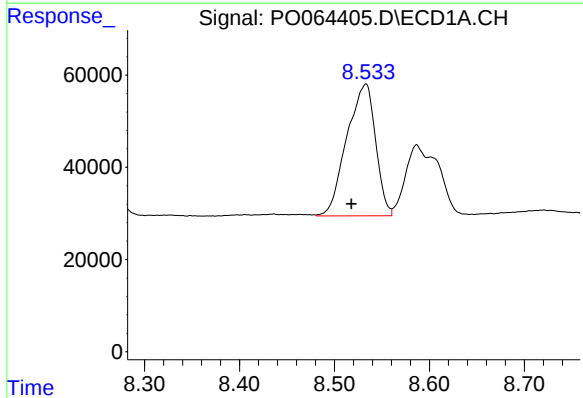
R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 910530
Conc: 165.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



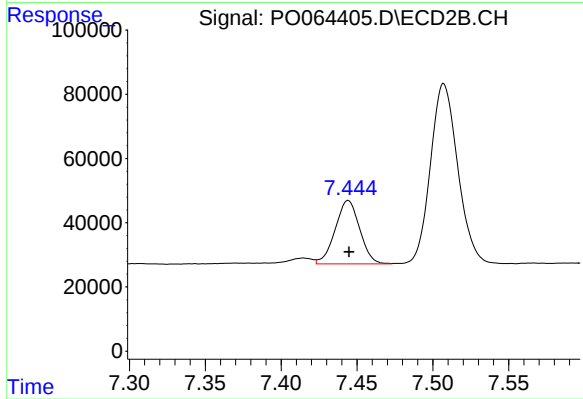
#37 AR-1262-2

R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 1003723
Conc: 168.26 ng/ml



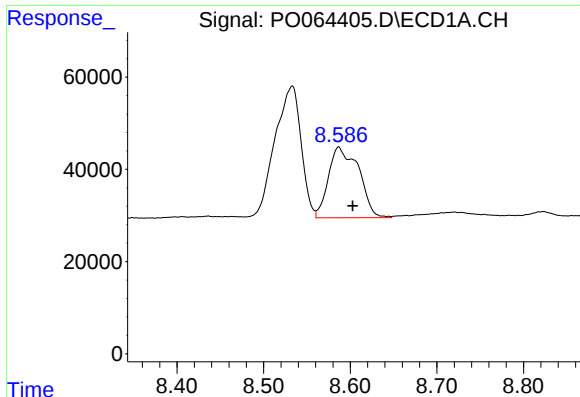
#38 AR-1262-3

R.T.: 8.533 min
Delta R.T.: 0.015 min
Response: 602183
Conc: 155.63 ng/ml



#38 AR-1262-3

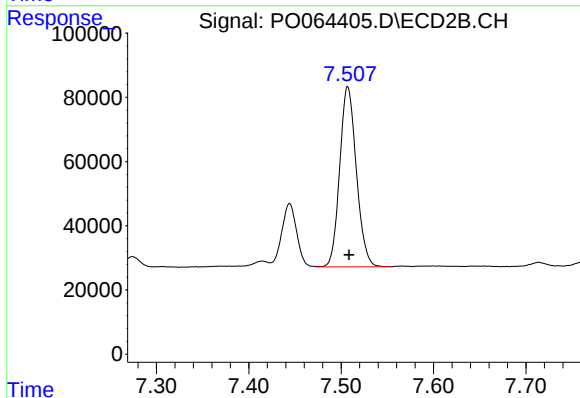
R.T.: 7.444 min
Delta R.T.: 0.000 min
Response: 221732
Conc: 95.11 ng/ml



#39 AR-1262-4

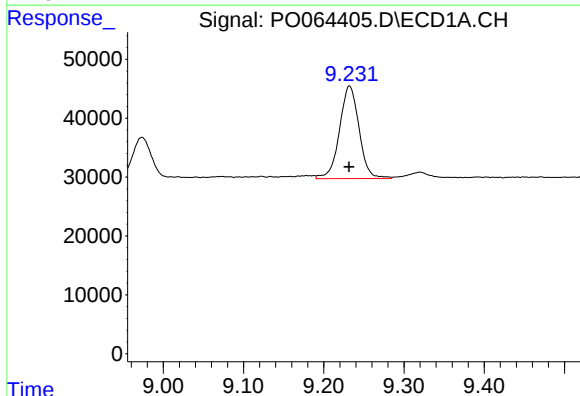
R.T.: 8.587 min
Delta R.T.: -0.016 min
Response: 373257
Conc: 127.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



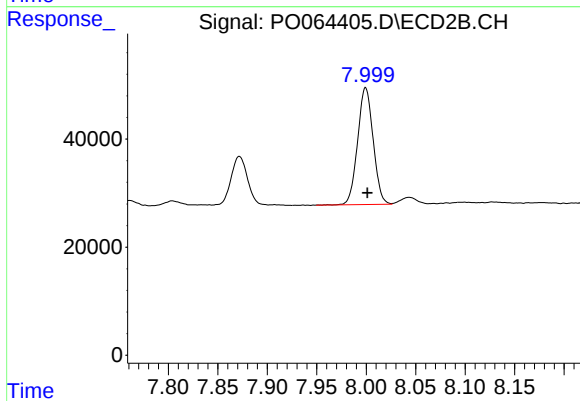
#39 AR-1262-4

R.T.: 7.507 min
Delta R.T.: -0.002 min
Response: 702325
Conc: 157.72 ng/ml



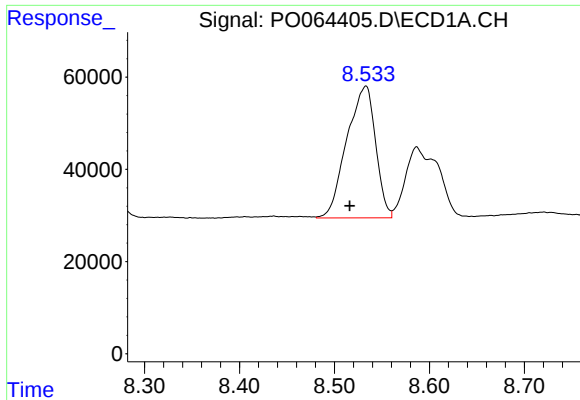
#40 AR-1262-5

R.T.: 9.232 min
Delta R.T.: 0.000 min
Response: 266784
Conc: 127.11 ng/ml



#40 AR-1262-5

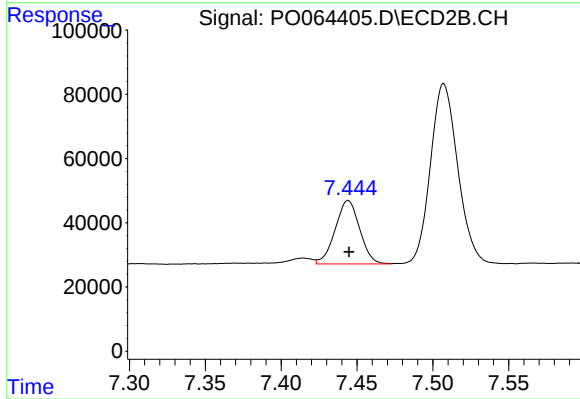
R.T.: 7.999 min
Delta R.T.: -0.002 min
Response: 236504
Conc: 111.98 ng/ml



#41 AR-1268-1

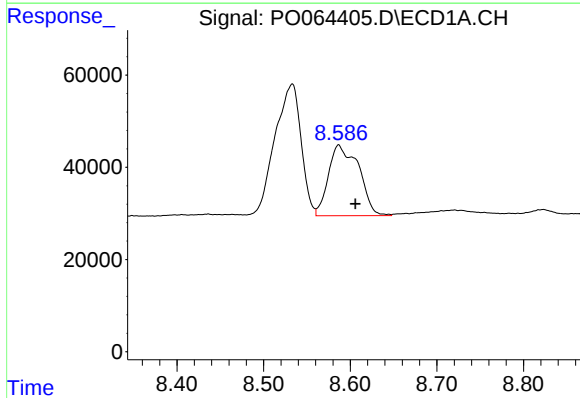
R.T.: 8.533 min
Delta R.T.: 0.017 min
Response: 602183
Conc: 92.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



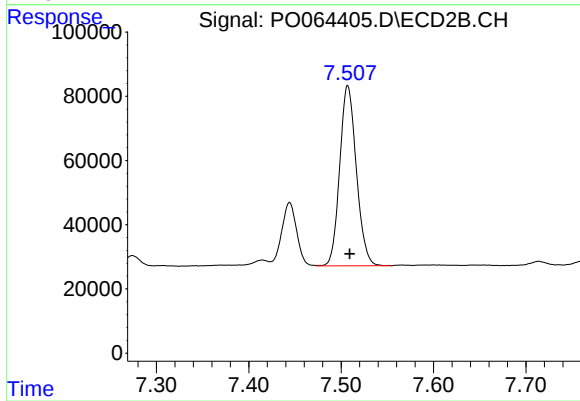
#41 AR-1268-1

R.T.: 7.444 min
Delta R.T.: 0.000 min
Response: 221732
Conc: 31.76 ng/ml



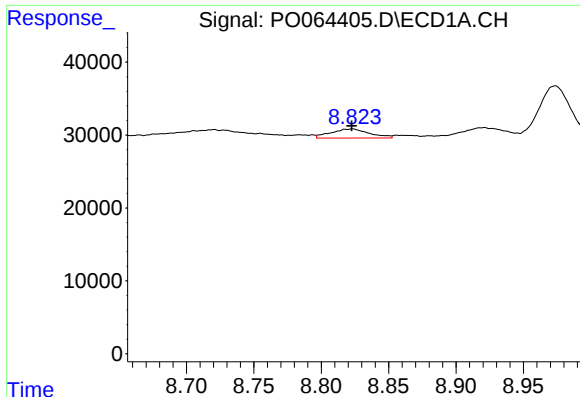
#42 AR-1268-2

R.T.: 8.587 min
Delta R.T.: -0.019 min
Response: 373257
Conc: 61.78 ng/ml



#42 AR-1268-2

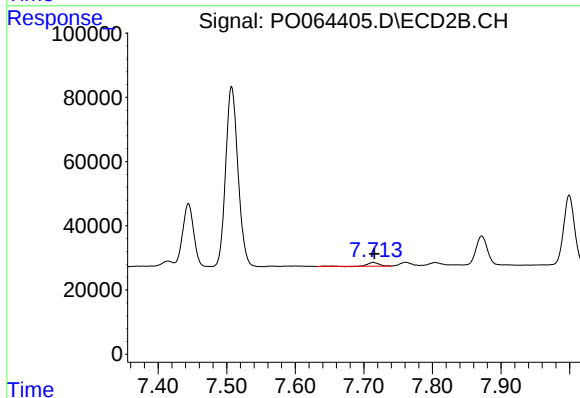
R.T.: 7.507 min
Delta R.T.: -0.002 min
Response: 702325
Conc: 109.69 ng/ml



#43 AR-1268-3

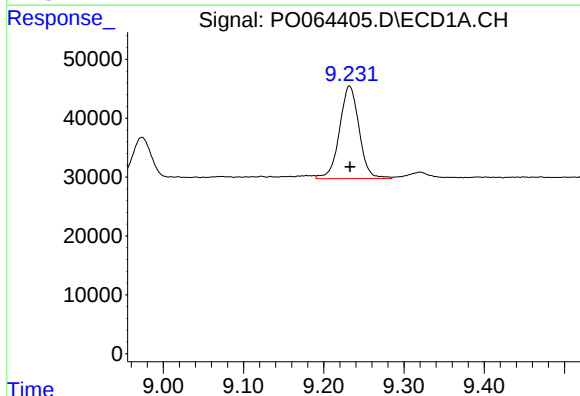
R.T.: 8.823 min
Delta R.T.: 0.000 min
Response: 24888
Conc: 5.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



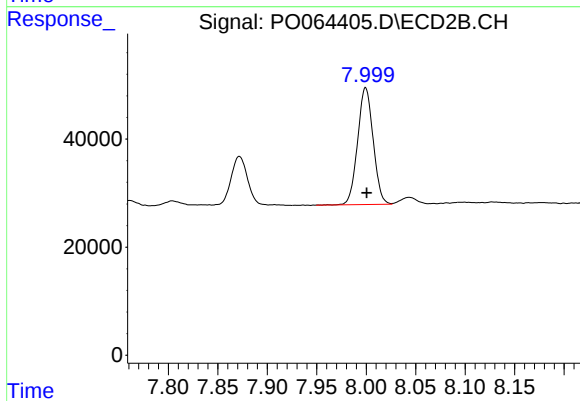
#43 AR-1268-3

R.T.: 7.714 min
Delta R.T.: -0.002 min
Response: 12866
Conc: 2.46 ng/ml



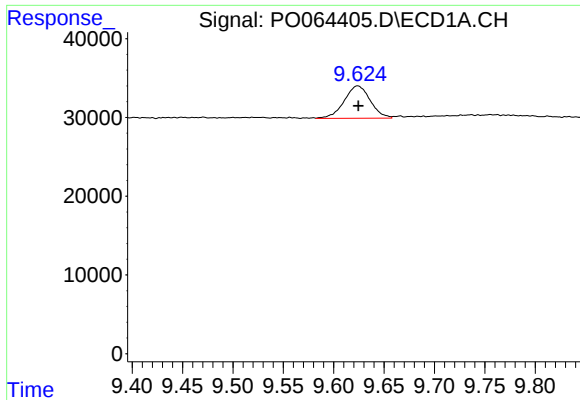
#44 AR-1268-4

R.T.: 9.232 min
Delta R.T.: 0.000 min
Response: 266784
Conc: 114.03 ng/ml



#44 AR-1268-4

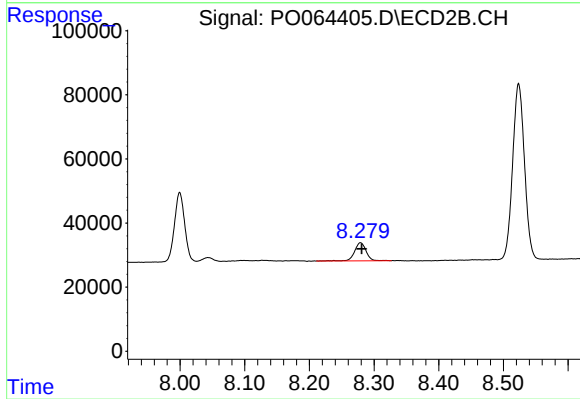
R.T.: 7.999 min
Delta R.T.: -0.001 min
Response: 236504
Conc: 101.23 ng/ml



#45 AR-1268-5

R.T.: 9.624 min
Delta R.T.: 0.000 min
Response: 74116
Conc: 4.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-02-120419MSD



#45 AR-1268-5

R.T.: 8.279 min
Delta R.T.: -0.002 min
Response: 69643
Conc: 4.22 ng/ml