

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0010419\
 Data File : P00CCC1.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 Jan 2019 21:29
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 04 22:21:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0010219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 02 14:46:04 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...	4.179	3.213	81102685	11659079	61.985	51.958
2)	SA Decachlor...	9.649	7.859	33355751	10869592	42.099	42.284
Target Compounds							
3)	L1 AR-1016-1	5.326	4.201	20253076	4234284	528.340	469.689
4)	L1 AR-1016-2	5.347	4.215	29657366	6564326	527.361	476.553
5)	L1 AR-1016-3	5.407	4.375	17488135	3424672	518.997	473.046
6)	L1 AR-1016-4	5.506	4.418	14363341	2675582	523.169	492.423
7)	L1 AR-1016-5	5.793	4.611	12709464	3814969	482.056	522.439
8)	L2 AR-1221-1	4.383	3.408	2234042	393117	187.900	168.899
9)	L2 AR-1221-2	4.474	3.486	3264384	524989	377.946	318.173
10)	L2 AR-1221-3	4.548	3.554	12145568	2173266	434.464	381.815
11)	L3 AR-1232-1	4.548	3.554	12145568	2173266	534.166	462.082
12)	L3 AR-1232-2	5.064	4.215	15047229	6564326	1327.930	1105.555
13)	L3 AR-1232-3	5.347	4.375	29657366	3424672	1273.560	1129.044
14)	L3 AR-1232-4	5.506	4.454	14363341	3213505	1259.068	1214.625
15)	L3 AR-1232-5	5.591	4.611	11568028	3814969	1628.756	1338.801
16)	L4 AR-1242-1	5.326	4.201	20253076	4234284	671.998	606.889
17)	L4 AR-1242-2	5.347	4.215	29657366	6564326	669.278	603.369
18)	L4 AR-1242-3	5.407	4.375	17488135	3424672	659.381	599.879
19)	L4 AR-1242-4	5.506	4.454	14363341	3213505	662.802	585.007
20)	L4 AR-1242-5	6.227	4.936	3056071	4113563	139.668	539.928 #
21)	L5 AR-1248-1	5.326	4.201	20253076	4234284	894.760	757.824
22)	L5 AR-1248-2	5.591	4.418	11568028	2675582	397.043	357.203
23)	L5 AR-1248-3	5.793	4.454	12709464	3213505	382.852	409.207
24)	L5 AR-1248-4	6.191	4.611	4028239	3814969	107.828	404.217 #
25)	L5 AR-1248-5	6.227	4.974	3056071	1123272	85.775	111.964 #
26)	L6 AR-1254-1	6.162	4.936	11655801	4113563	304.134	250.915
27)	L6 AR-1254-2	6.376	5.076	10163112	3126631	171.378	222.837 #
28)	L6 AR-1254-3	6.740	5.463	5643055	5162334	91.503	228.824 #
29)	L6 AR-1254-4	7.021	5.671	3210442	944397	69.868	62.302
30)	L6 AR-1254-5	7.434	6.063	26103399	8718965	575.103	435.531
31)	L7 AR-1260-1	6.897	5.572	19254706	6741763	429.409	439.207
32)	L7 AR-1260-2	7.152	5.756	22084811	7746133	397.635	404.758
33)	L7 AR-1260-3	7.504	5.895	13999877	6857727	399.823	396.463
34)	L7 AR-1260-4	7.730	6.343	15402688	4748903	396.172	410.523
35)	L7 AR-1260-5	8.034	6.584	31098071	11808719	402.940	409.915
36)	L8 AR-1262-1	7.504	6.099	13999877	5549629	251.220	283.609
37)	L8 AR-1262-2	8.034	6.584	31098071	11808719	333.232	355.609
38)	L8 AR-1262-3	8.337	6.850	18611425	2238524	438.745	172.875 #
39)	L8 AR-1262-4	8.384	6.911	11257195	8595593	232.708	354.045 #
40)	L8 AR-1262-5	8.997	7.397	7655288	2692501	225.863	238.533
41)	L9 AR-1268-1	8.337	6.850	18611425	2238524	143.421	51.524 #
42)	L9 AR-1268-2	8.384	6.911	11257195	8595593	92.211	209.008 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0010419\
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 Acq On : 04 Jan 2019 21:29
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

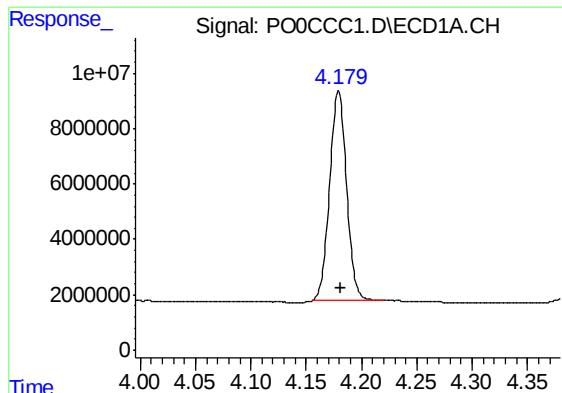
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 04 22:21:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0010219.M
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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
43) L9	AR-1268-3	0.000	7.169	0	135006	N.D.	3.860 #
44) L9	AR-1268-4	8.997	7.397	7655288	2692501	177.986	185.993
45) L9	AR-1268-5	9.360	7.655	1958482	745269	5.915	7.133

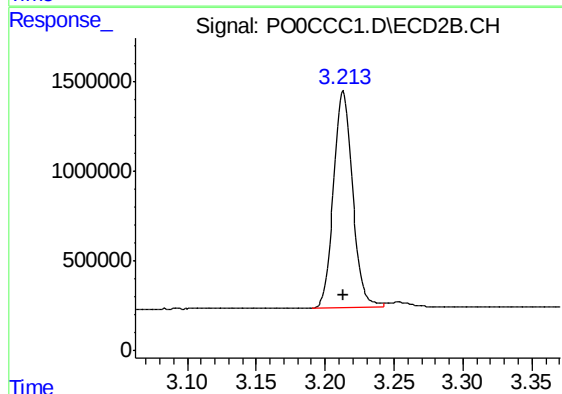
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

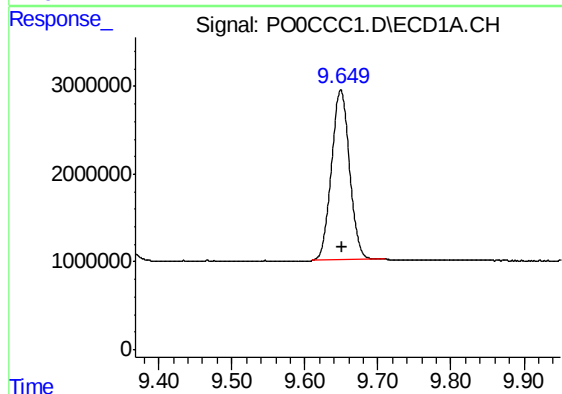
R.T.: 4.179 min
Delta R.T.: -0.002 min
Response: 81102685
Conc: 61.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



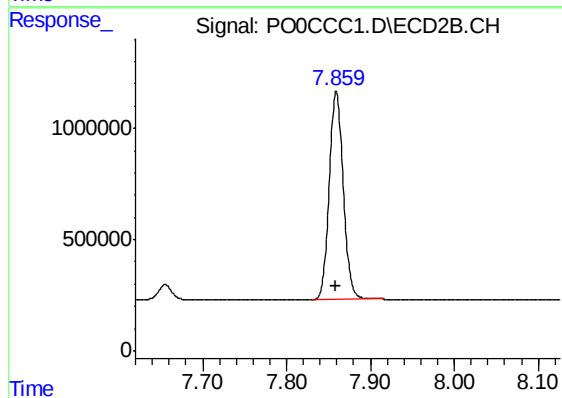
#1 Tetrachloro-m-xylene

R.T.: 3.213 min
Delta R.T.: 0.000 min
Response: 11659079
Conc: 51.96 ng/ml



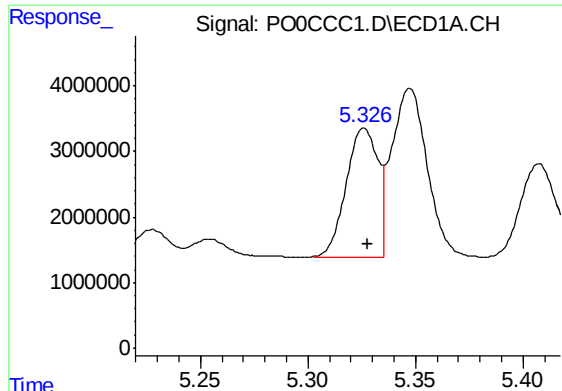
#2 Decachlorobiphenyl

R.T.: 9.649 min
Delta R.T.: -0.001 min
Response: 33355751
Conc: 42.10 ng/ml



#2 Decachlorobiphenyl

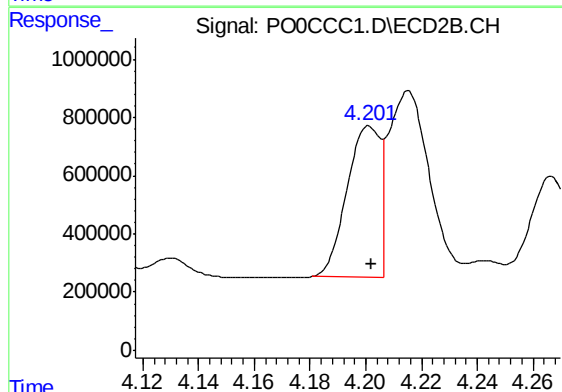
R.T.: 7.859 min
Delta R.T.: 0.000 min
Response: 10869592
Conc: 42.28 ng/ml



#3 AR-1016-1

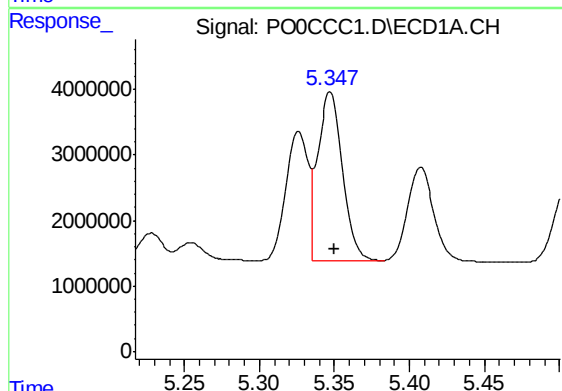
R.T.: 5.326 min
Delta R.T.: -0.002 min
Response: 20253076
Conc: 528.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



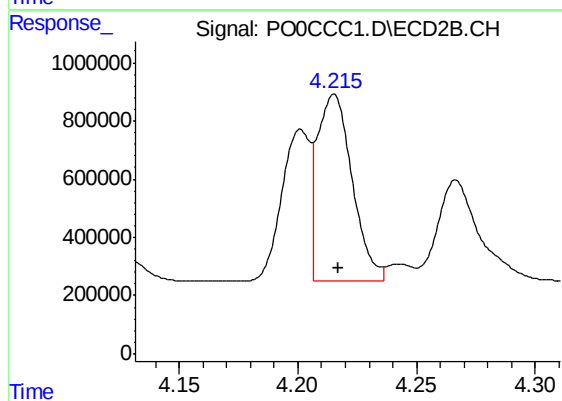
#3 AR-1016-1

R.T.: 4.201 min
Delta R.T.: -0.001 min
Response: 4234284
Conc: 469.69 ng/ml



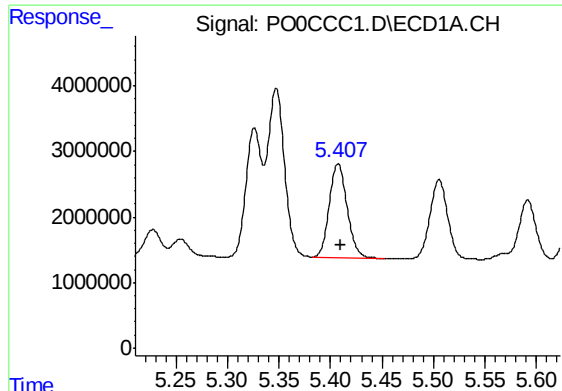
#4 AR-1016-2

R.T.: 5.347 min
Delta R.T.: -0.003 min
Response: 29657366
Conc: 527.36 ng/ml



#4 AR-1016-2

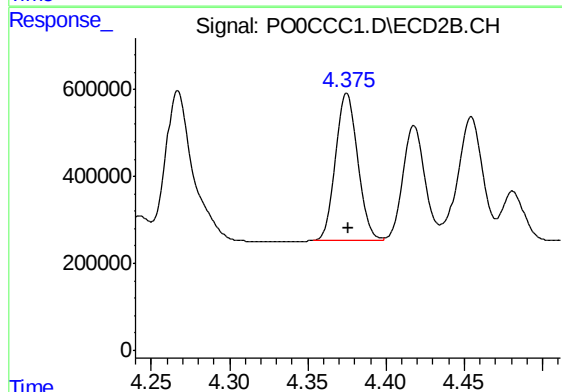
R.T.: 4.215 min
Delta R.T.: -0.002 min
Response: 6564326
Conc: 476.55 ng/ml



#5 AR-1016-3

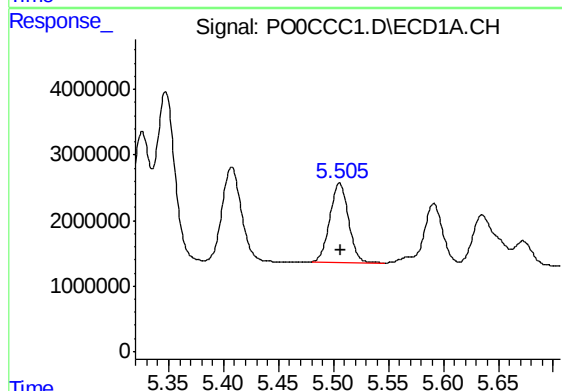
R.T.: 5.407 min
Delta R.T.: -0.002 min
Response: 17488135
Conc: 519.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



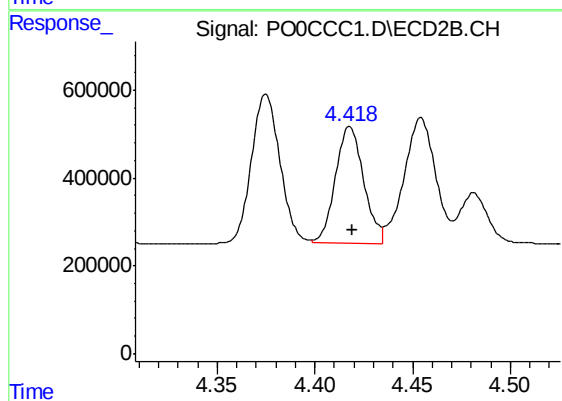
#5 AR-1016-3

R.T.: 4.375 min
Delta R.T.: -0.001 min
Response: 3424672
Conc: 473.05 ng/ml



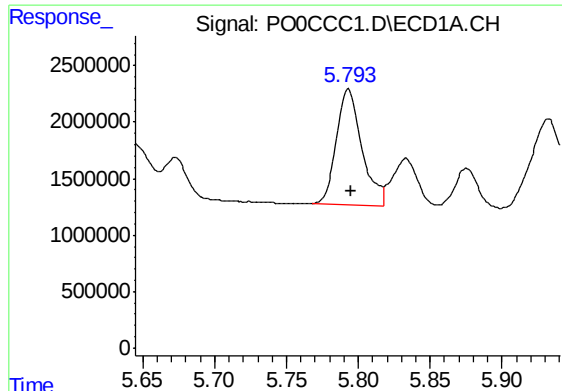
#6 AR-1016-4

R.T.: 5.506 min
Delta R.T.: -0.002 min
Response: 14363341
Conc: 523.17 ng/ml



#6 AR-1016-4

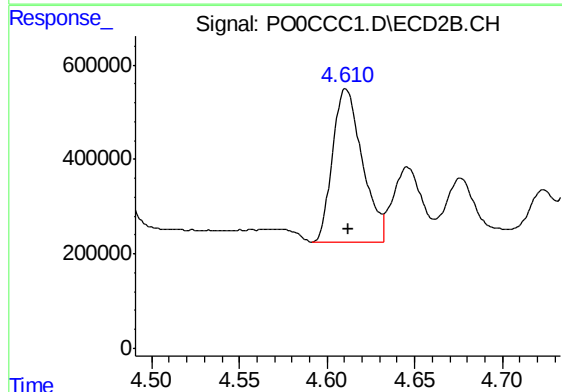
R.T.: 4.418 min
Delta R.T.: -0.001 min
Response: 2675582
Conc: 492.42 ng/ml



#7 AR-1016-5

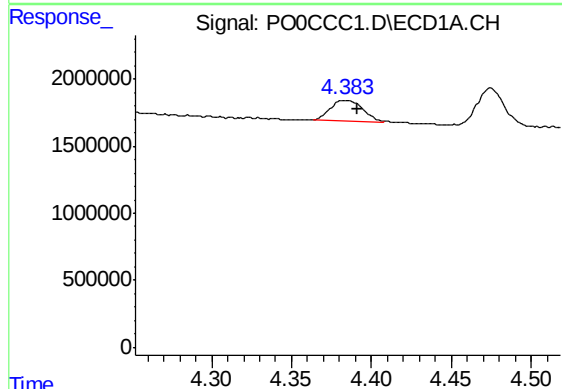
R.T.: 5.793 min
Delta R.T.: -0.002 min
Response: 12709464
Conc: 482.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



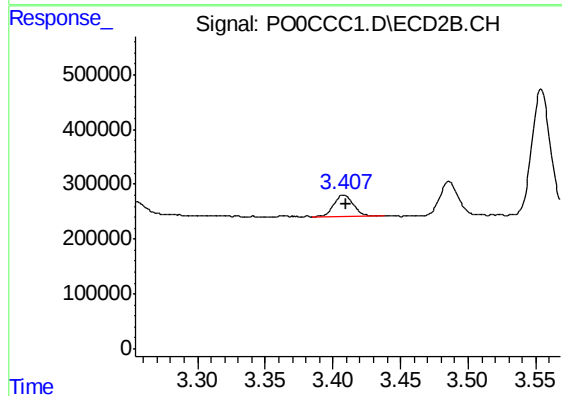
#7 AR-1016-5

R.T.: 4.611 min
Delta R.T.: -0.001 min
Response: 3814969
Conc: 522.44 ng/ml



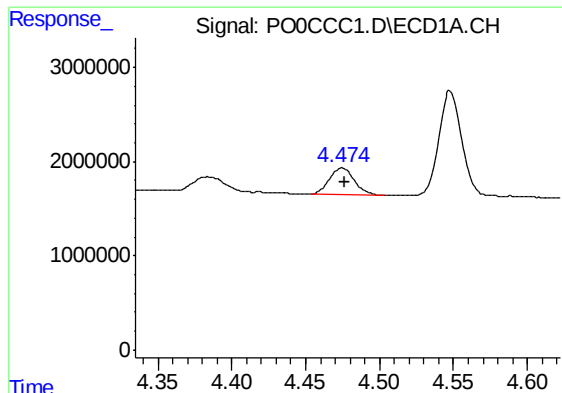
#8 AR-1221-1

R.T.: 4.383 min
Delta R.T.: -0.008 min
Response: 2234042
Conc: 187.90 ng/ml



#8 AR-1221-1

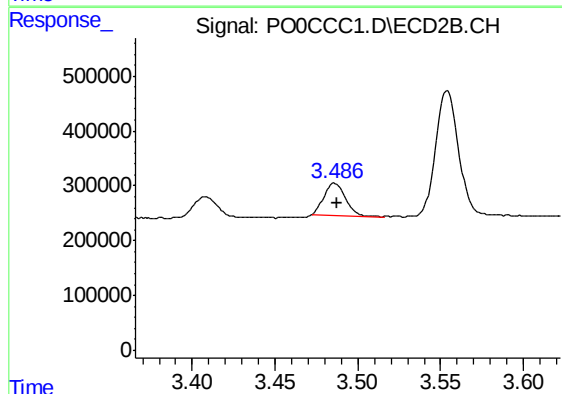
R.T.: 3.408 min
Delta R.T.: -0.002 min
Response: 393117
Conc: 168.90 ng/ml



#9 AR-1221-2

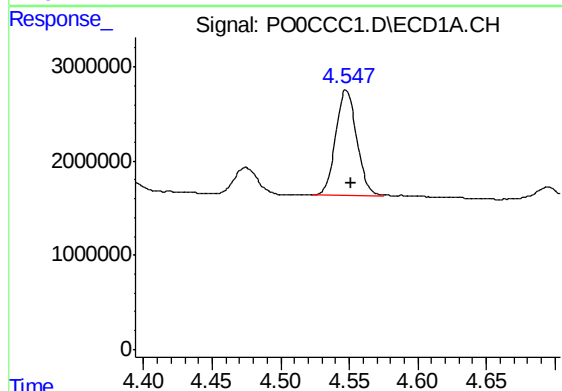
R.T.: 4.474 min
Delta R.T.: -0.002 min
Response: 3264384
Conc: 377.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



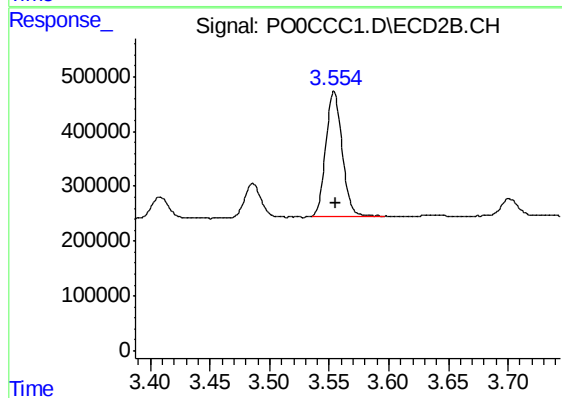
#9 AR-1221-2

R.T.: 3.486 min
Delta R.T.: -0.001 min
Response: 524989
Conc: 318.17 ng/ml



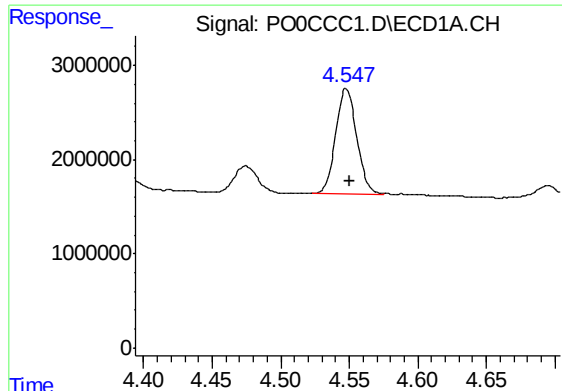
#10 AR-1221-3

R.T.: 4.548 min
Delta R.T.: -0.003 min
Response: 12145568
Conc: 434.46 ng/ml



#10 AR-1221-3

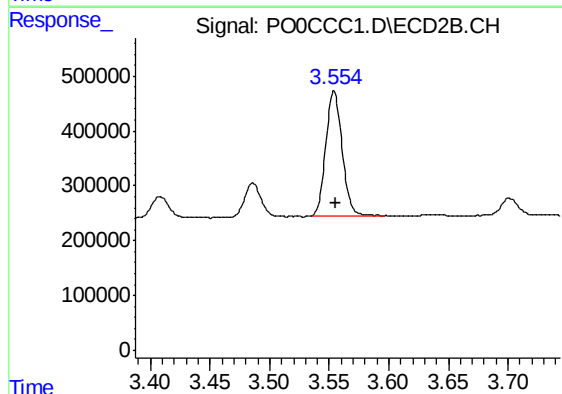
R.T.: 3.554 min
Delta R.T.: -0.001 min
Response: 2173266
Conc: 381.81 ng/ml



#11 AR-1232-1

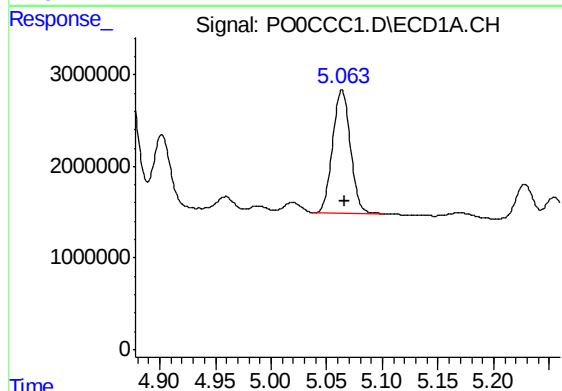
R.T.: 4.548 min
Delta R.T.: -0.003 min
Response: 12145568
Conc: 534.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



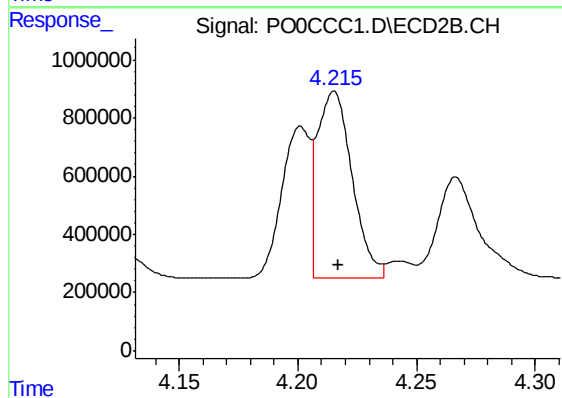
#11 AR-1232-1

R.T.: 3.554 min
Delta R.T.: -0.001 min
Response: 2173266
Conc: 462.08 ng/ml



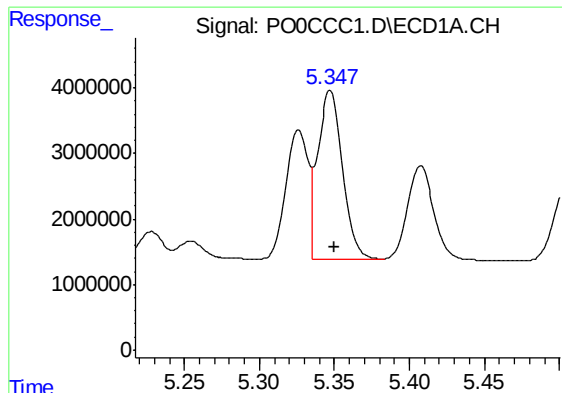
#12 AR-1232-2

R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 15047229
Conc: 1327.93 ng/ml



#12 AR-1232-2

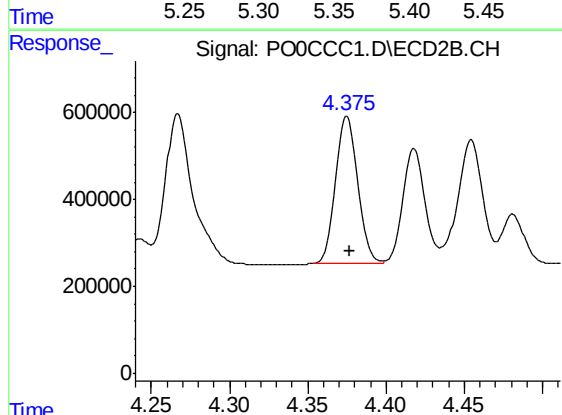
R.T.: 4.215 min
Delta R.T.: -0.002 min
Response: 6564326
Conc: 1105.56 ng/ml



#13 AR-1232-3

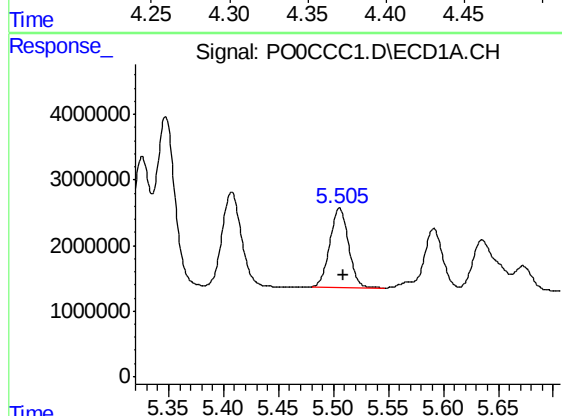
R.T.: 5.347 min
Delta R.T.: -0.003 min
Response: 29657366
Conc: 1273.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



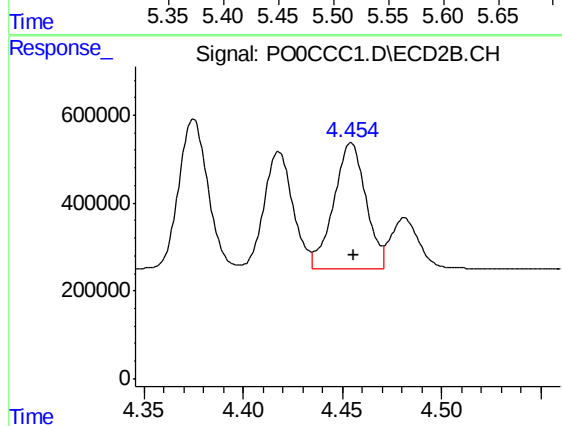
#13 AR-1232-3

R.T.: 4.375 min
Delta R.T.: -0.002 min
Response: 3424672
Conc: 1129.04 ng/ml



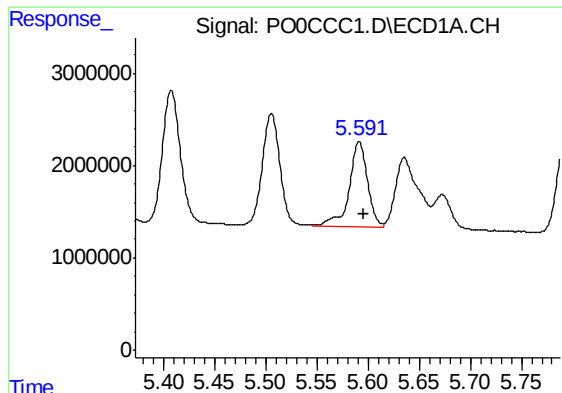
#14 AR-1232-4

R.T.: 5.506 min
Delta R.T.: -0.004 min
Response: 14363341
Conc: 1259.07 ng/ml



#14 AR-1232-4

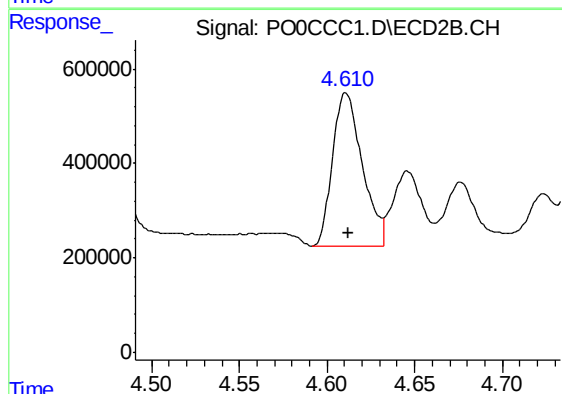
R.T.: 4.454 min
Delta R.T.: -0.001 min
Response: 3213505
Conc: 1214.62 ng/ml



#15 AR-1232-5

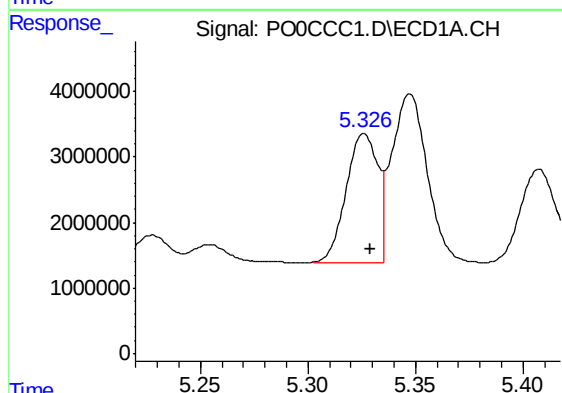
R.T.: 5.591 min
Delta R.T.: -0.004 min
Response: 11568028
Conc: 1628.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



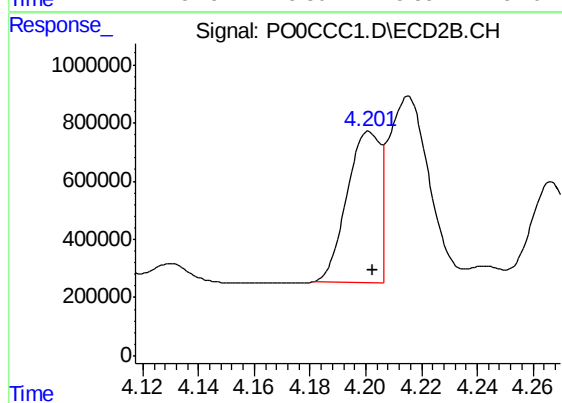
#15 AR-1232-5

R.T.: 4.611 min
Delta R.T.: -0.002 min
Response: 3814969
Conc: 1338.80 ng/ml



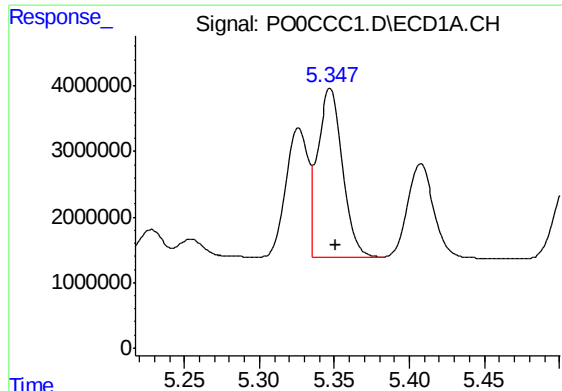
#16 AR-1242-1

R.T.: 5.326 min
Delta R.T.: -0.003 min
Response: 20253076
Conc: 672.00 ng/ml



#16 AR-1242-1

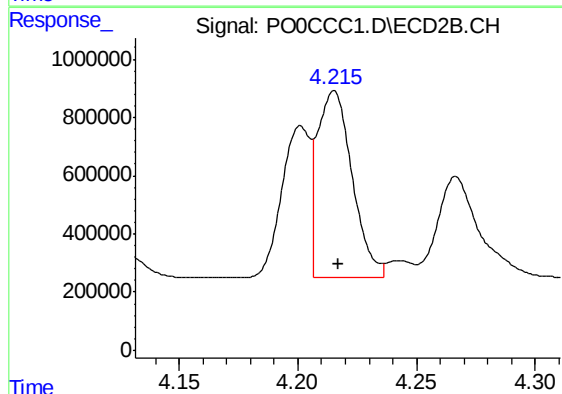
R.T.: 4.201 min
Delta R.T.: -0.001 min
Response: 4234284
Conc: 606.89 ng/ml



#17 AR-1242-2

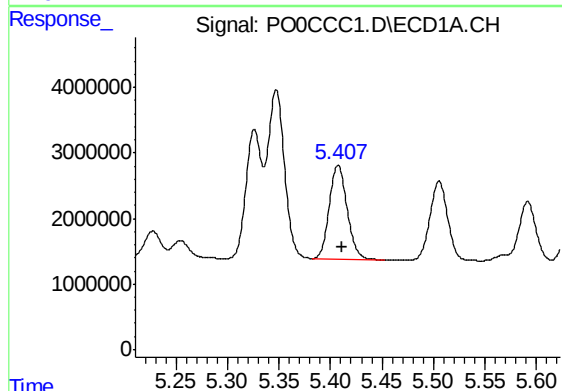
R.T.: 5.347 min
Delta R.T.: -0.003 min
Response: 29657366
Conc: 669.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



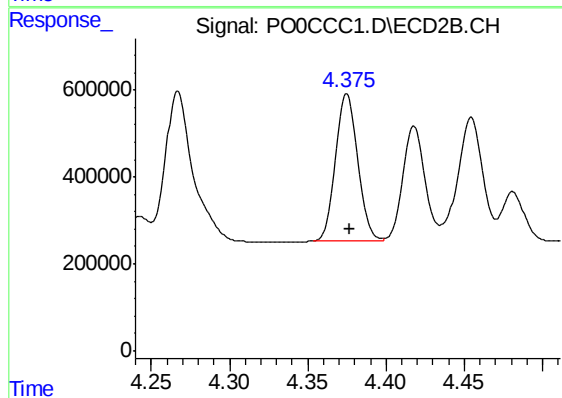
#17 AR-1242-2

R.T.: 4.215 min
Delta R.T.: -0.002 min
Response: 6564326
Conc: 603.37 ng/ml



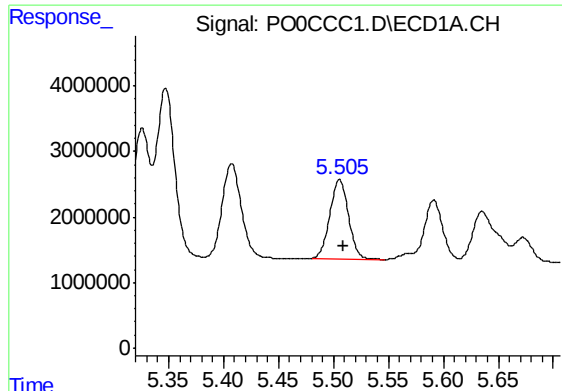
#18 AR-1242-3

R.T.: 5.407 min
Delta R.T.: -0.003 min
Response: 17488135
Conc: 659.38 ng/ml



#18 AR-1242-3

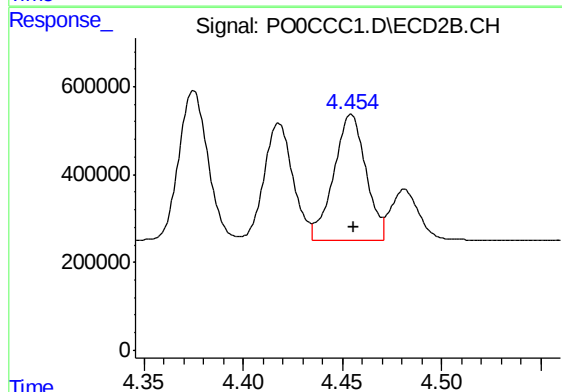
R.T.: 4.375 min
Delta R.T.: -0.002 min
Response: 3424672
Conc: 599.88 ng/ml



#19 AR-1242-4

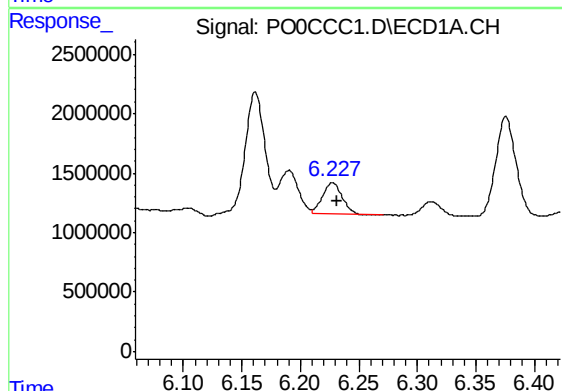
R.T.: 5.506 min
Delta R.T.: -0.004 min
Response: 14363341
Conc: 662.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



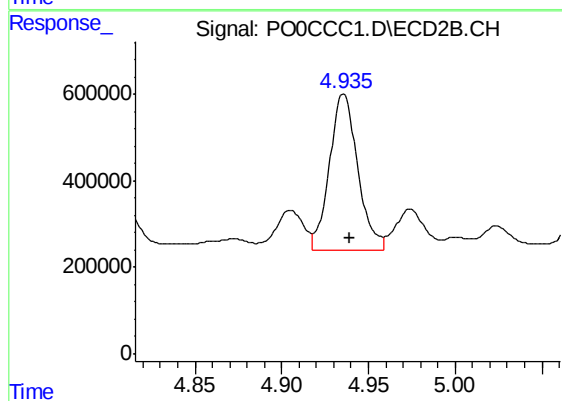
#19 AR-1242-4

R.T.: 4.454 min
Delta R.T.: 0.000 min
Response: 3213505
Conc: 585.01 ng/ml



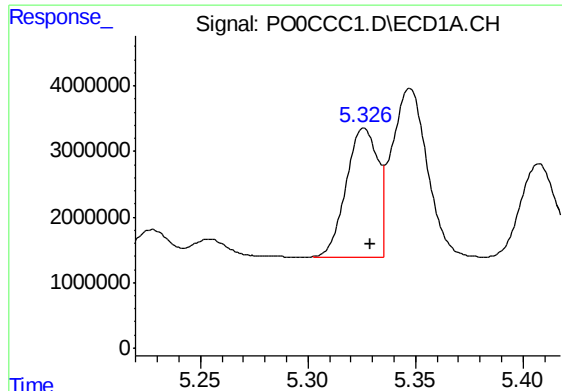
#20 AR-1242-5

R.T.: 6.227 min
Delta R.T.: -0.003 min
Response: 3056071
Conc: 139.67 ng/ml



#20 AR-1242-5

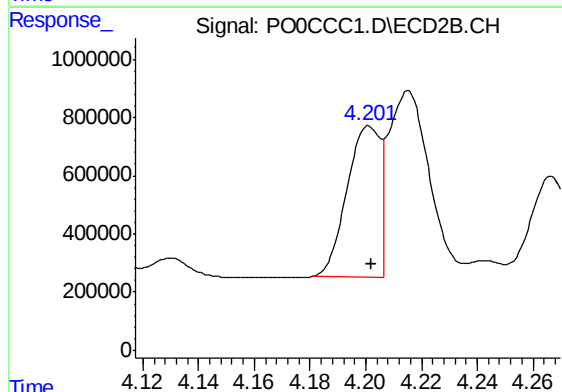
R.T.: 4.936 min
Delta R.T.: -0.004 min
Response: 4113563
Conc: 539.93 ng/ml



#21 AR-1248-1

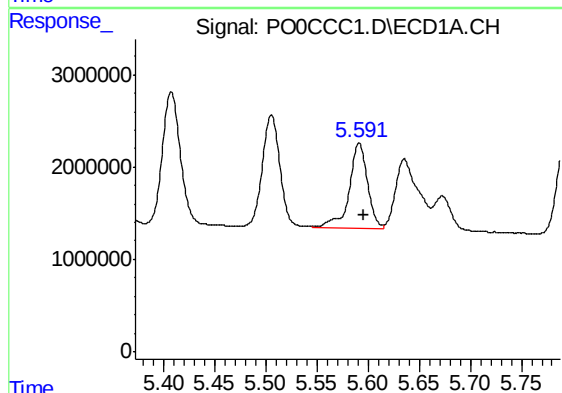
R.T.: 5.326 min
Delta R.T.: -0.003 min
Response: 20253076
Conc: 894.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



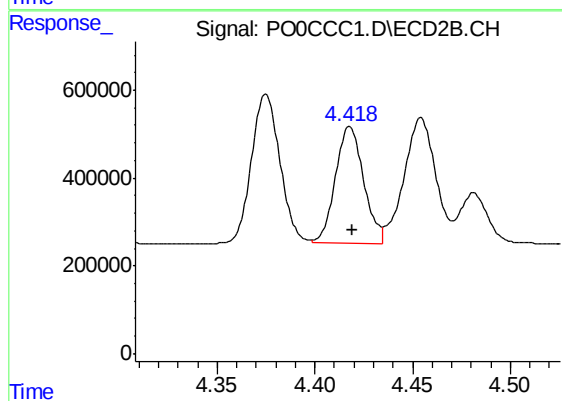
#21 AR-1248-1

R.T.: 4.201 min
Delta R.T.: 0.000 min
Response: 4234284
Conc: 757.82 ng/ml



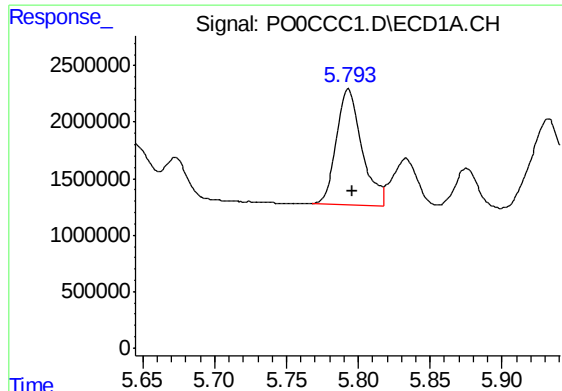
#22 AR-1248-2

R.T.: 5.591 min
Delta R.T.: -0.004 min
Response: 11568028
Conc: 397.04 ng/ml



#22 AR-1248-2

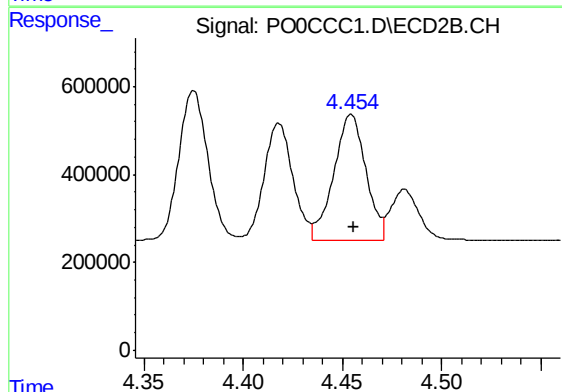
R.T.: 4.418 min
Delta R.T.: -0.001 min
Response: 2675582
Conc: 357.20 ng/ml



#23 AR-1248-3

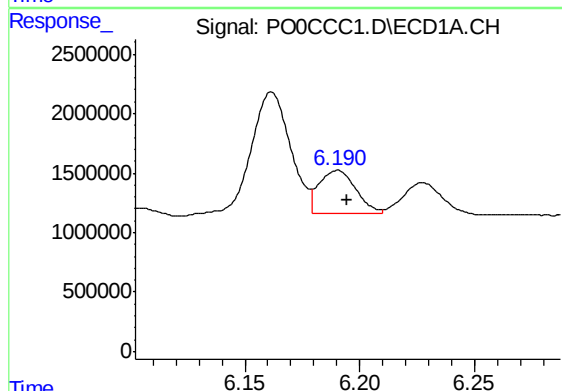
R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 12709464
Conc: 382.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



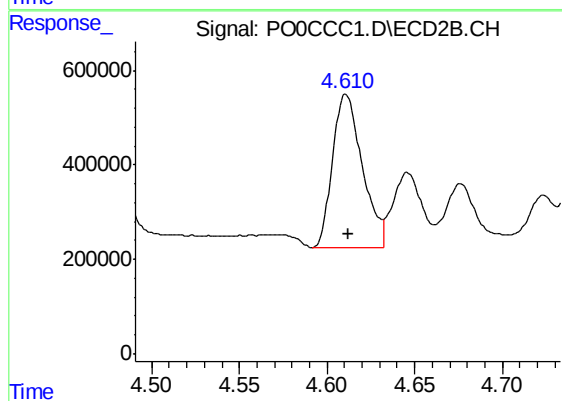
#23 AR-1248-3

R.T.: 4.454 min
Delta R.T.: -0.001 min
Response: 3213505
Conc: 409.21 ng/ml



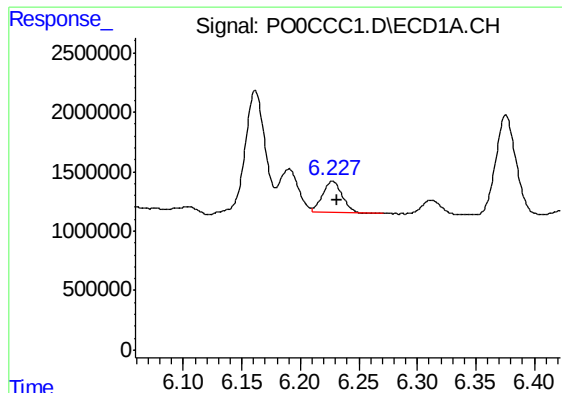
#24 AR-1248-4

R.T.: 6.191 min
Delta R.T.: -0.004 min
Response: 4028239
Conc: 107.83 ng/ml



#24 AR-1248-4

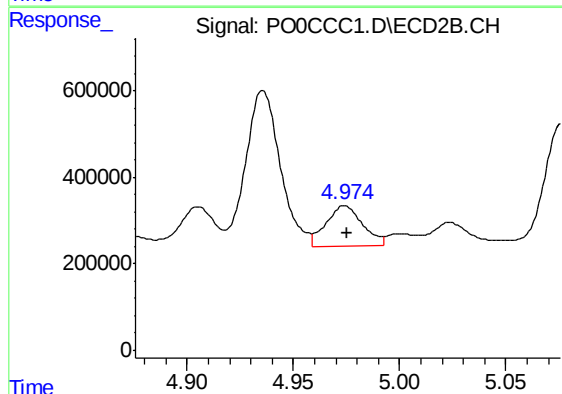
R.T.: 4.611 min
Delta R.T.: -0.001 min
Response: 3814969
Conc: 404.22 ng/ml



#25 AR-1248-5

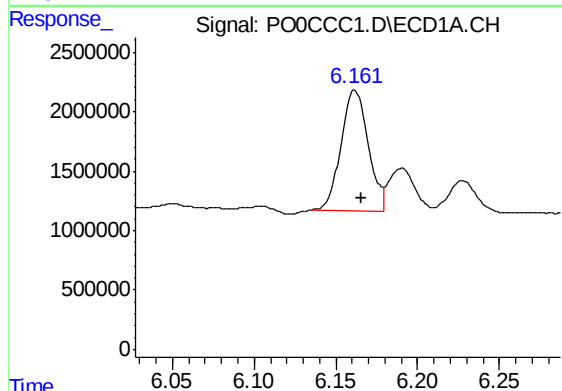
R.T.: 6.227 min
Delta R.T.: -0.004 min
Response: 3056071
Conc: 85.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



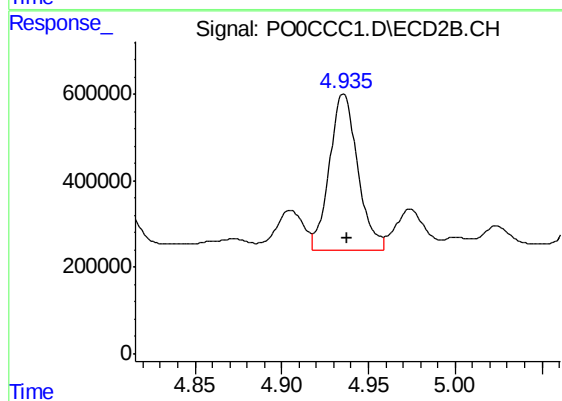
#25 AR-1248-5

R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 1123272
Conc: 111.96 ng/ml



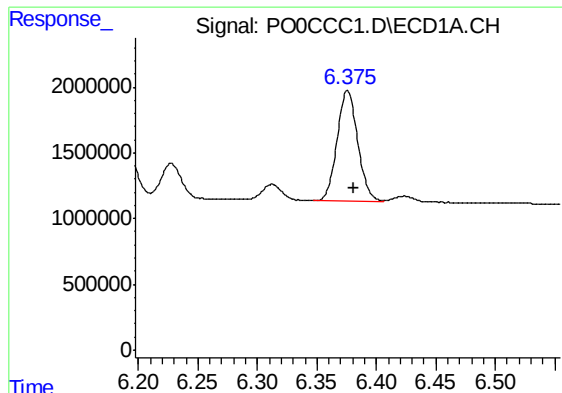
#26 AR-1254-1

R.T.: 6.162 min
Delta R.T.: -0.004 min
Response: 11655801
Conc: 304.13 ng/ml



#26 AR-1254-1

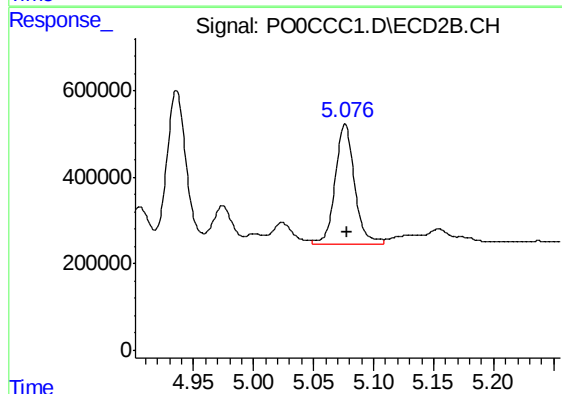
R.T.: 4.936 min
Delta R.T.: -0.002 min
Response: 4113563
Conc: 250.92 ng/ml



#27 AR-1254-2

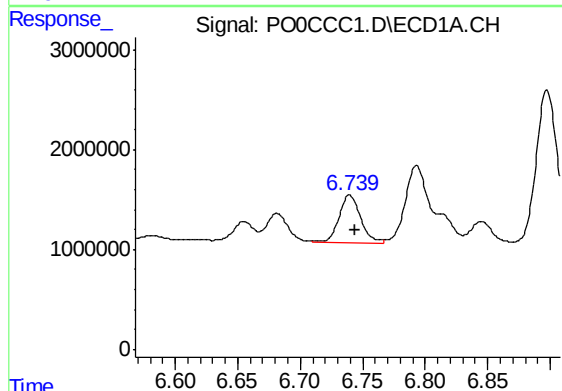
R.T.: 6.376 min
Delta R.T.: -0.005 min
Response: 10163112
Conc: 171.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



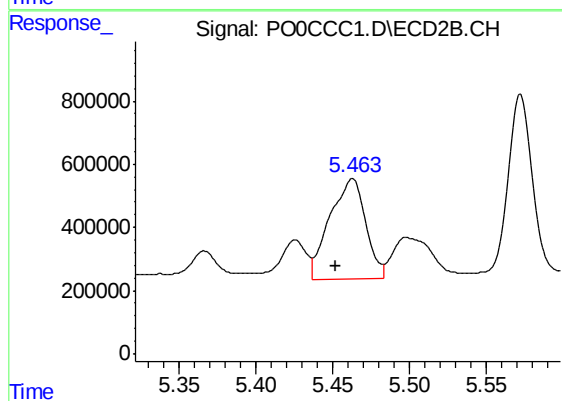
#27 AR-1254-2

R.T.: 5.076 min
Delta R.T.: -0.001 min
Response: 3126631
Conc: 222.84 ng/ml



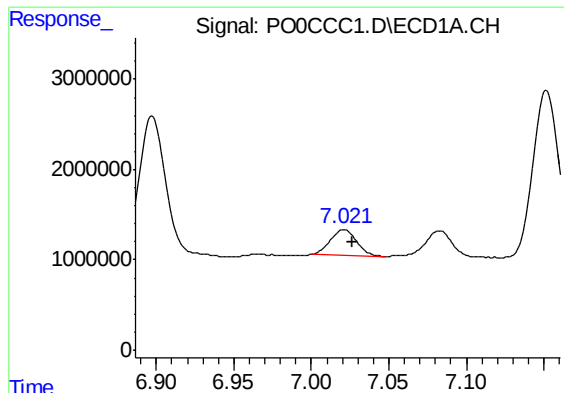
#28 AR-1254-3

R.T.: 6.740 min
Delta R.T.: -0.005 min
Response: 5643055
Conc: 91.50 ng/ml



#28 AR-1254-3

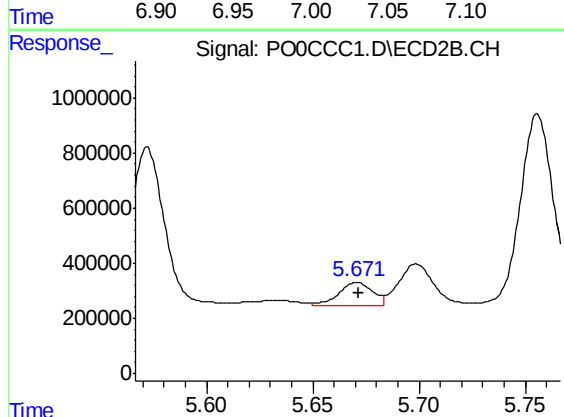
R.T.: 5.463 min
Delta R.T.: 0.011 min
Response: 5162334
Conc: 228.82 ng/ml



#29 AR-1254-4

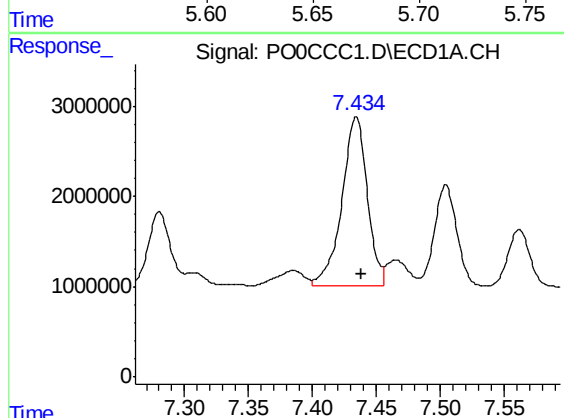
R.T.: 7.021 min
Delta R.T.: -0.005 min
Response: 3210442
Conc: 69.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



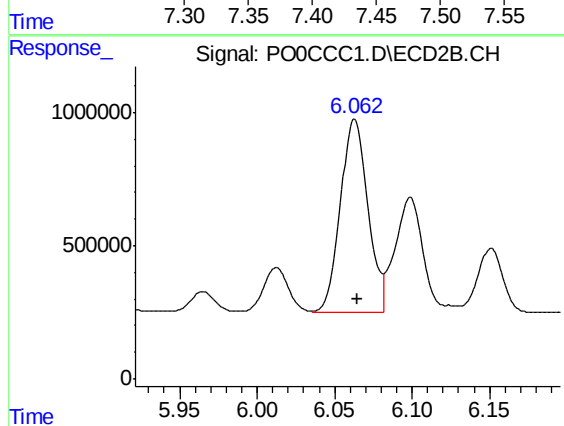
#29 AR-1254-4

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 944397
Conc: 62.30 ng/ml



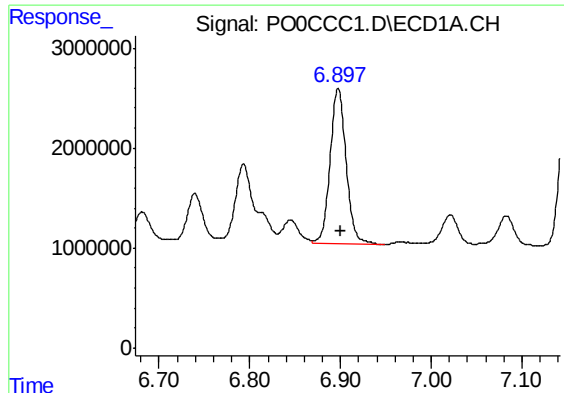
#30 AR-1254-5

R.T.: 7.434 min
Delta R.T.: -0.004 min
Response: 26103399
Conc: 575.10 ng/ml



#30 AR-1254-5

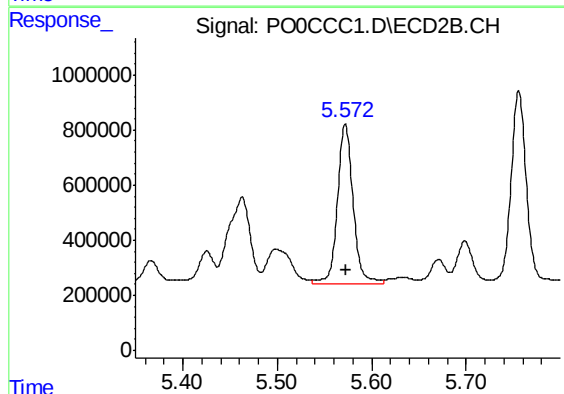
R.T.: 6.063 min
Delta R.T.: -0.002 min
Response: 8718965
Conc: 435.53 ng/ml



#31 AR-1260-1

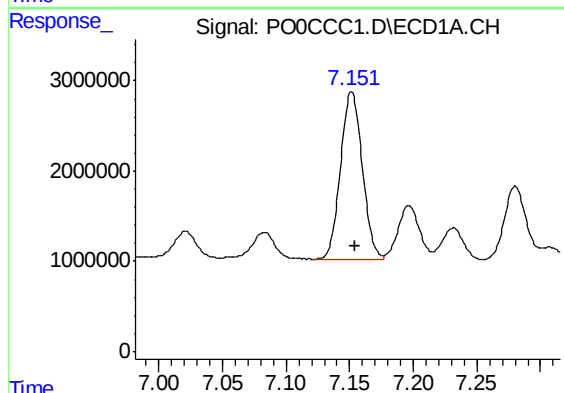
R.T.: 6.897 min
Delta R.T.: -0.003 min
Response: 19254706
Conc: 429.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



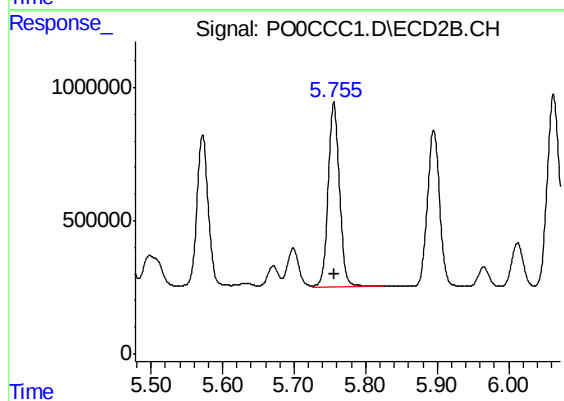
#31 AR-1260-1

R.T.: 5.572 min
Delta R.T.: 0.000 min
Response: 6741763
Conc: 439.21 ng/ml



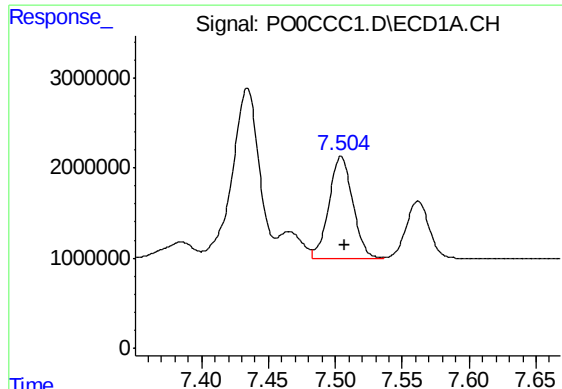
#32 AR-1260-2

R.T.: 7.152 min
Delta R.T.: -0.003 min
Response: 22084811
Conc: 397.64 ng/ml



#32 AR-1260-2

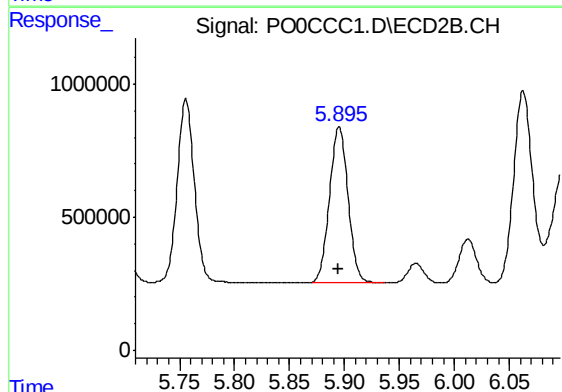
R.T.: 5.756 min
Delta R.T.: 0.000 min
Response: 7746133
Conc: 404.76 ng/ml



#33 AR-1260-3

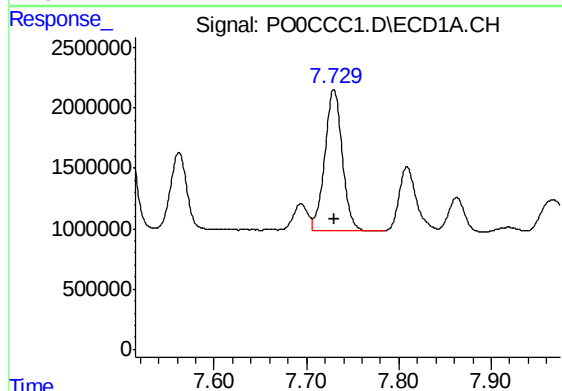
R.T.: 7.504 min
Delta R.T.: -0.003 min
Response: 13999877
Conc: 399.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



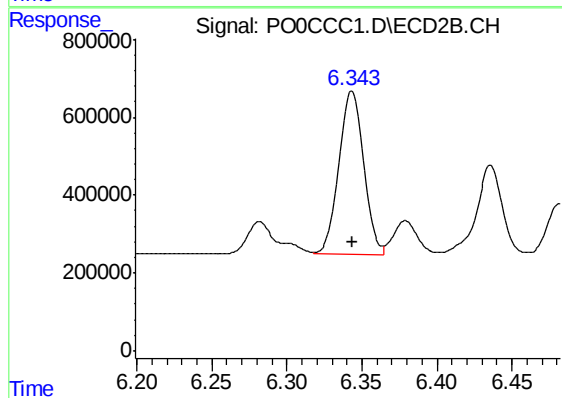
#33 AR-1260-3

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 6857727
Conc: 396.46 ng/ml



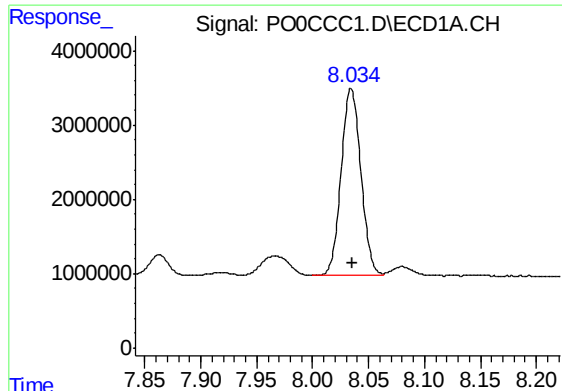
#34 AR-1260-4

R.T.: 7.730 min
Delta R.T.: -0.001 min
Response: 15402688
Conc: 396.17 ng/ml



#34 AR-1260-4

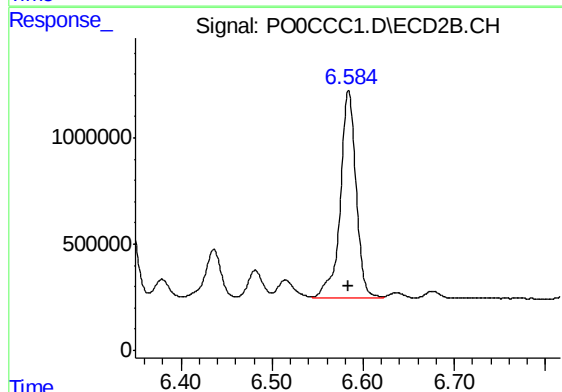
R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 4748903
Conc: 410.52 ng/ml



#35 AR-1260-5

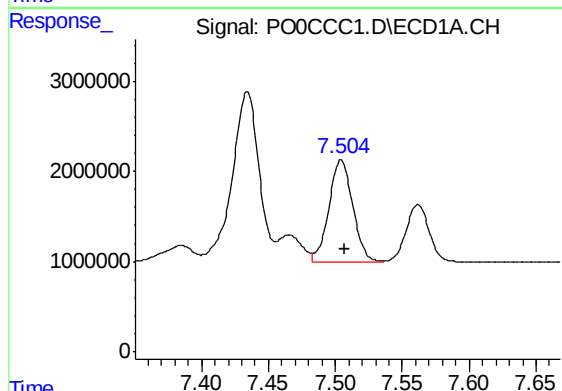
R.T.: 8.034 min
Delta R.T.: -0.001 min
Response: 31098071
Conc: 402.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



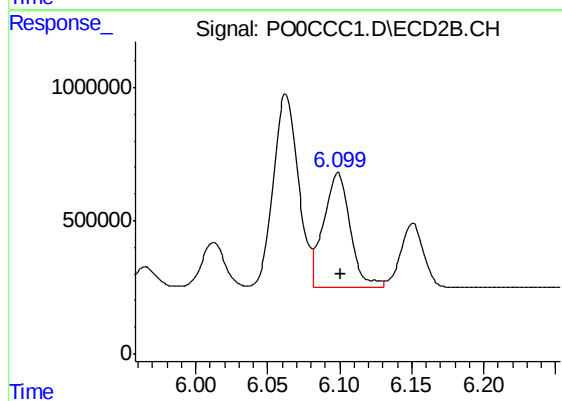
#35 AR-1260-5

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 11808719
Conc: 409.91 ng/ml



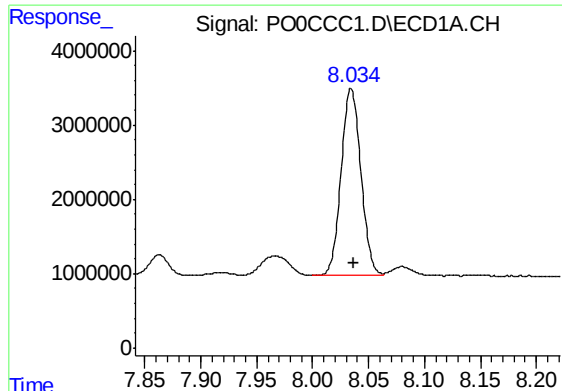
#36 AR-1262-1

R.T.: 7.504 min
Delta R.T.: -0.003 min
Response: 13999877
Conc: 251.22 ng/ml



#36 AR-1262-1

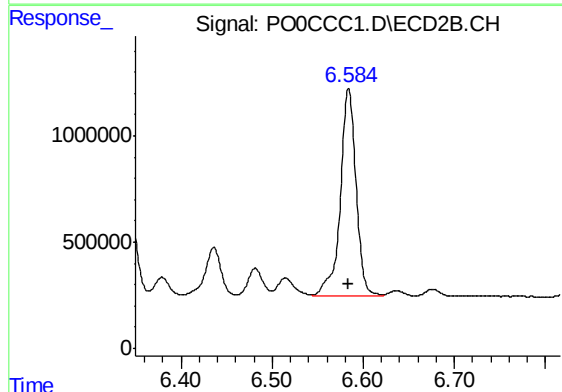
R.T.: 6.099 min
Delta R.T.: -0.002 min
Response: 5549629
Conc: 283.61 ng/ml



#37 AR-1262-2

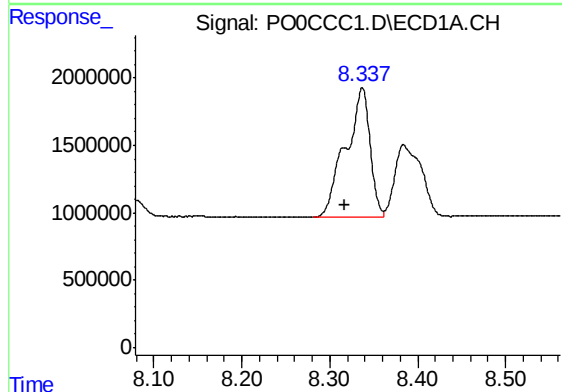
R.T.: 8.034 min
Delta R.T.: -0.003 min
Response: 31098071
Conc: 333.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



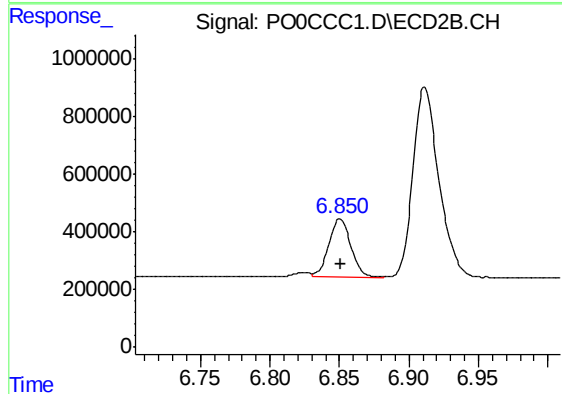
#37 AR-1262-2

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 11808719
Conc: 355.61 ng/ml



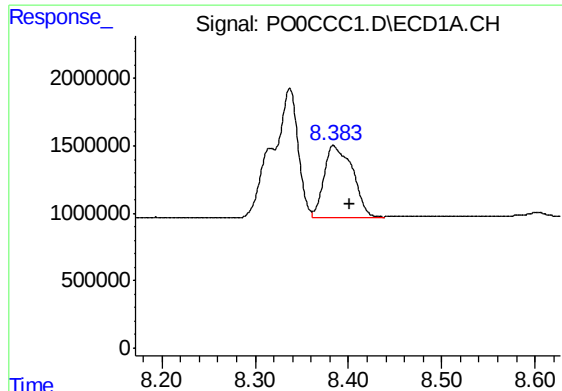
#38 AR-1262-3

R.T.: 8.337 min
Delta R.T.: 0.020 min
Response: 18611425
Conc: 438.74 ng/ml



#38 AR-1262-3

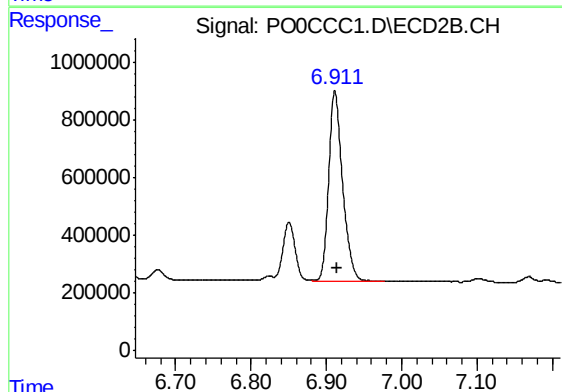
R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 2238524
Conc: 172.88 ng/ml



#39 AR-1262-4

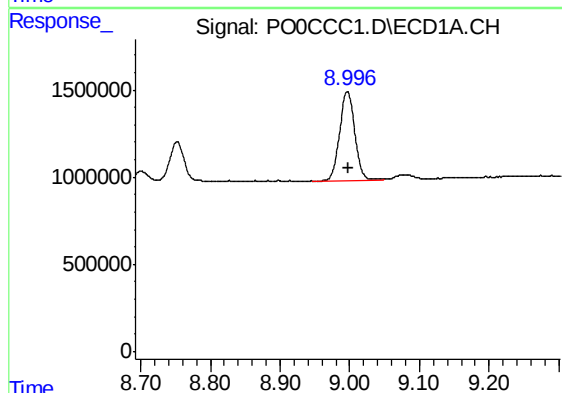
R.T.: 8.384 min
Delta R.T.: -0.018 min
Response: 11257195
Conc: 232.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



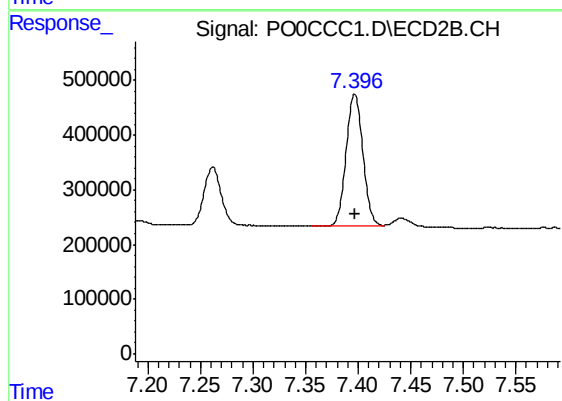
#39 AR-1262-4

R.T.: 6.911 min
Delta R.T.: -0.003 min
Response: 8595593
Conc: 354.04 ng/ml



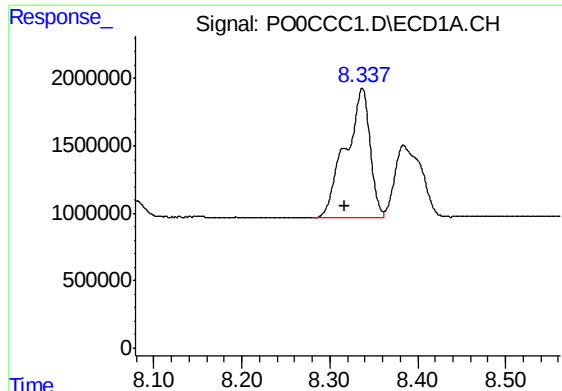
#40 AR-1262-5

R.T.: 8.997 min
Delta R.T.: -0.002 min
Response: 7655288
Conc: 225.86 ng/ml



#40 AR-1262-5

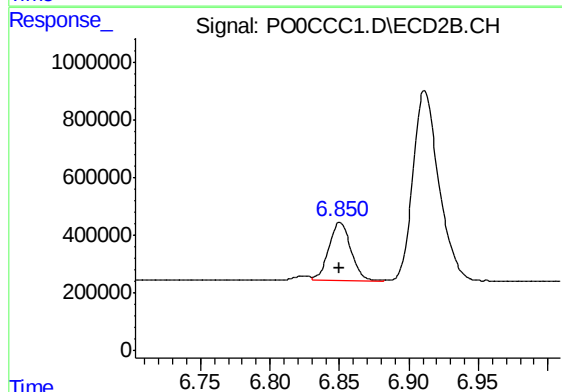
R.T.: 7.397 min
Delta R.T.: 0.000 min
Response: 2692501
Conc: 238.53 ng/ml



#41 AR-1268-1

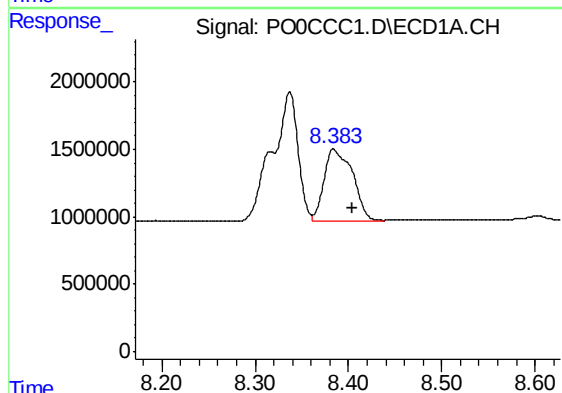
R.T.: 8.337 min
Delta R.T.: 0.019 min
Response: 18611425
Conc: 143.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



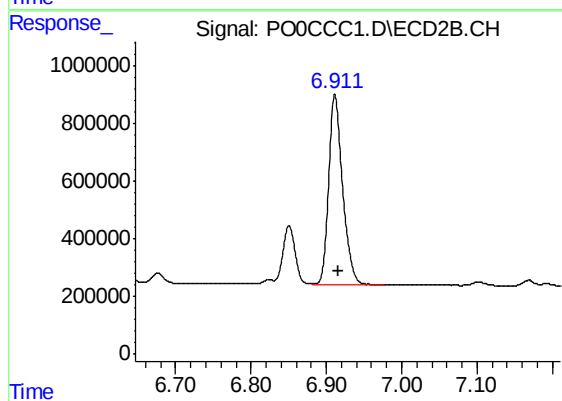
#41 AR-1268-1

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 2238524
Conc: 51.52 ng/ml



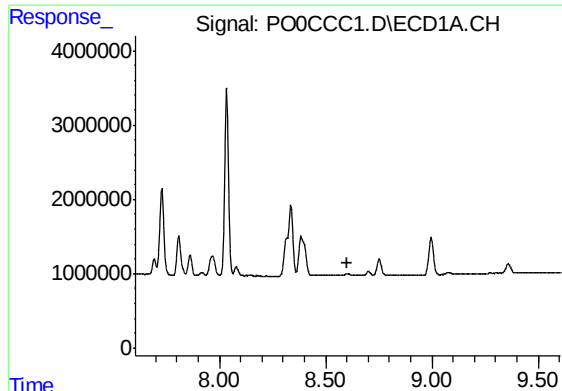
#42 AR-1268-2

R.T.: 8.384 min
Delta R.T.: -0.020 min
Response: 11257195
Conc: 92.21 ng/ml



#42 AR-1268-2

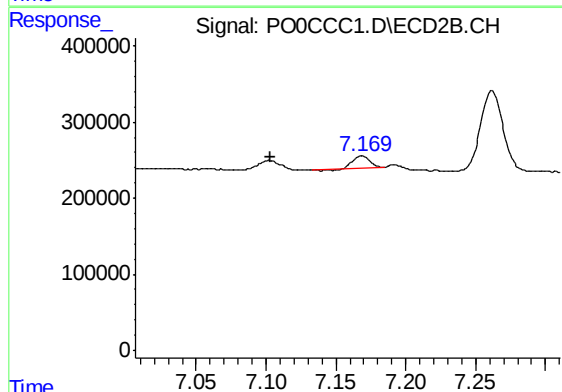
R.T.: 6.911 min
Delta R.T.: -0.004 min
Response: 8595593
Conc: 209.01 ng/ml



#43 AR-1268-3

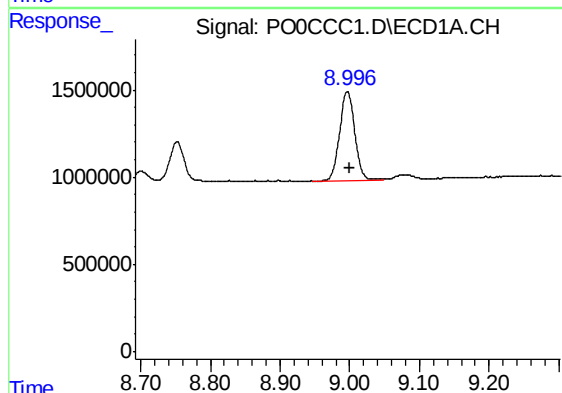
R.T.: 0.000 min
Exp R.T.: 8.605 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



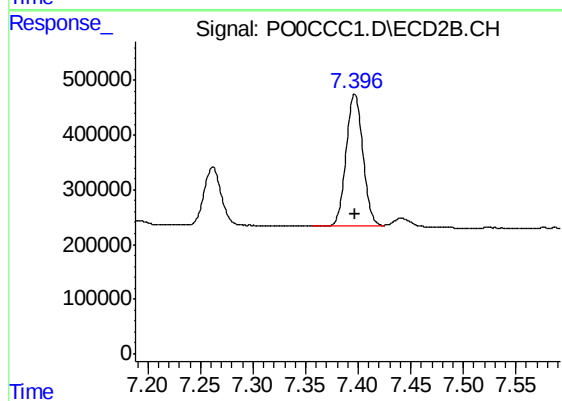
#43 AR-1268-3

R.T.: 7.169 min
Delta R.T.: 0.065 min
Response: 135006
Conc: 3.86 ng/ml



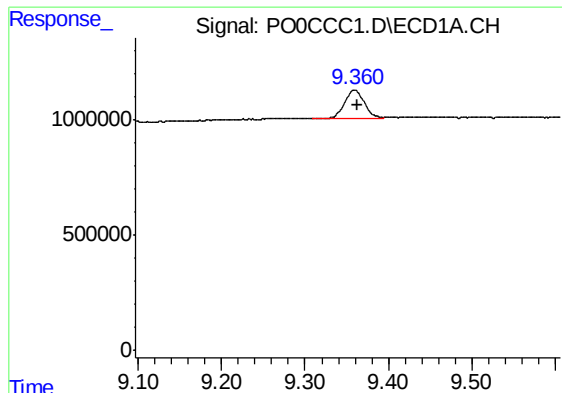
#44 AR-1268-4

R.T.: 8.997 min
Delta R.T.: -0.004 min
Response: 7655288
Conc: 177.99 ng/ml



#44 AR-1268-4

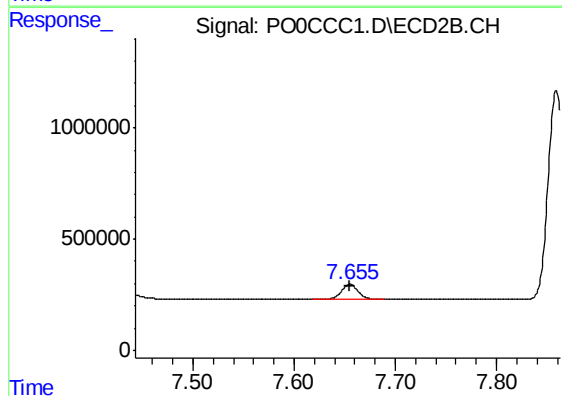
R.T.: 7.397 min
Delta R.T.: 0.000 min
Response: 2692501
Conc: 185.99 ng/ml



#45 AR-1268-5

R.T.: 9.360 min
Delta R.T.: -0.003 min
Response: 1958482
Conc: 5.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 745269
Conc: 7.13 ng/ml