

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022420\
 Data File : P0066798.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 Feb 2020 3:05
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HEXANE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 03:32:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 14:58:30 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.125	3.406	2261119	2516028	53.809	46.582
2)	SA Decachlor...	9.597	8.289	2086710	2343234	50.848	42.167
Target Compounds							
3)	L1 AR-1016-1	5.273	4.459	827317	712139	511.919	443.114
4)	L1 AR-1016-2	5.294	4.476	1310032	1546153	536.982	421.755
5)	L1 AR-1016-3	5.354	4.648	764253	654964	553.750	471.508
6)	L1 AR-1016-4	5.452	4.690	621393	574295	487.759	496.944
7)	L1 AR-1016-5	5.741	4.899	614806	711689	579.272	484.682
8)	L2 AR-1221-1	4.330	3.612	68485	76705	165.303	147.679
9)	L2 AR-1221-2	4.418	3.696	97393	114819	315.199	301.964
10)	L2 AR-1221-3	4.492	3.769	394656	459140	385.466	385.593
11)	L3 AR-1232-1	4.492	3.769	394656	459140	493.236	486.450
12)	L3 AR-1232-2	5.008	4.476	599609	1546153	1433.514	1164.838
13)	L3 AR-1232-3	5.294	4.648	1310032	654964	1526.029	1237.925
14)	L3 AR-1232-4	5.452	4.731	621393	679446	1551.875	1343.468
15)	L3 AR-1232-5	5.541	4.899	502524	711689	1731.756	1118.653 #
16)	L4 AR-1242-1	5.273	4.459	827317	712139	770.803	677.387
17)	L4 AR-1242-2	5.294	4.476	1310032	1546153	809.311	651.460
18)	L4 AR-1242-3	5.354	4.648	764253	654964	807.258	693.964
19)	L4 AR-1242-4	5.452	4.731	621393	679446	778.489	723.884
20)	L4 AR-1242-5	6.177	5.243	91355	540373	117.503	396.697 #
21)	L5 AR-1248-1	5.273	4.459	827317	712139	1034.456	860.213
22)	L5 AR-1248-2	5.541	4.690	502524	574295	421.795	434.836
23)	L5 AR-1248-3	5.741	4.731	614806	679446	489.863	502.145
24)	L5 AR-1248-4	6.140	4.899	112456	711689	78.000	436.573 #
25)	L5 AR-1248-5	6.177	5.284	91355	88795	68.027	43.399 #
26)	L6 AR-1254-1	6.112	5.243	431933	540373	272.503	191.597 #
27)	L6 AR-1254-2	6.328	5.390	487953	497486	183.504	207.090
28)	L6 AR-1254-3	6.691	5.799	269423	980061	101.892	254.075 #
29)	L6 AR-1254-4	6.973	6.015	211195	109325	94.442	45.642 #
30)	L6 AR-1254-5	7.387	6.425	1817523	1708373	787.152	478.575 #
31)	L7 AR-1260-1	6.852	5.914	1220894	1372761	543.361	460.652
32)	L7 AR-1260-2	7.107	6.103	1769016	1687541	528.615	425.908
33)	L7 AR-1260-3	7.461	6.252	1511495	1566471	505.538	444.853
34)	L7 AR-1260-4	7.685	6.717	1376497	1340738	547.953	457.791
35)	L7 AR-1260-5	7.991	6.961	2999003	3078405	484.872	406.915
36)	L8 AR-1262-1	7.461	6.425	1511495	1708373	389.234	886.052 #
37)	L8 AR-1262-2	7.991	6.961	2999003	3078405	477.758	385.304
38)	L8 AR-1262-3	8.286	7.238	1743448	742714	429.171	228.372 #
39)	L8 AR-1262-4	8.338	7.302	1199486	2328394	390.053	405.089
40)	L8 AR-1262-5	8.942	7.796	777373	801498	382.108	319.790
41)	L9 AR-1268-1	8.286	7.238	1743448	742714	215.824	76.145 #

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 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

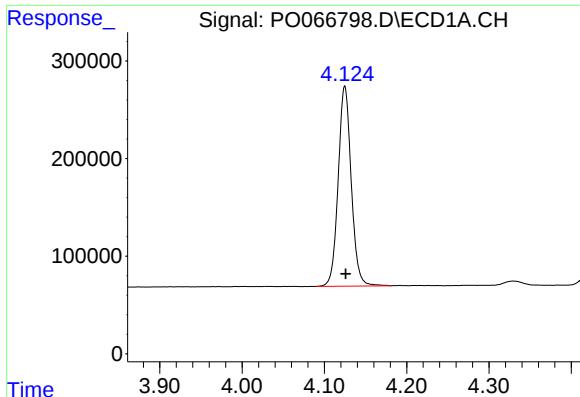
Instrument :
 ECD_O
 ClientSampleId :
 HEXANE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 03:32:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022120.M
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Volume Inj. : 2 µl
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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	8.338	7.302	1199486	2328394	176.119	256.131 #
43) L9	AR-1268-3	0.000	7.503	0	48621	N.D.	6.327 #
44) L9	AR-1268-4	8.942	7.796	777373	801498	328.898	270.785
45) L9	AR-1268-5	9.306	8.064	200876	227637	12.167	10.504

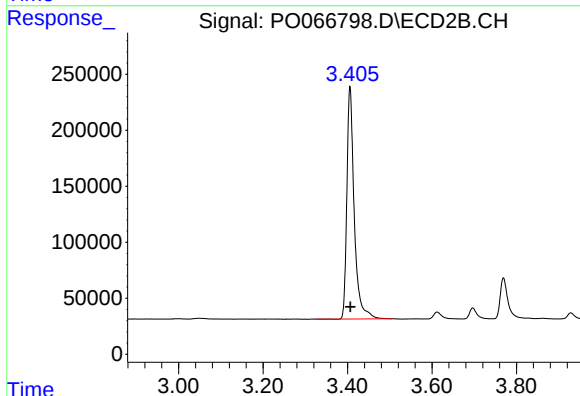
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

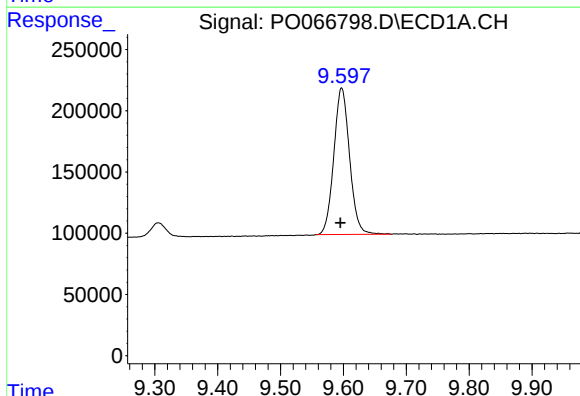
R.T.: 4.125 min
Delta R.T.: -0.001 min
Response: 2261119
Conc: 53.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



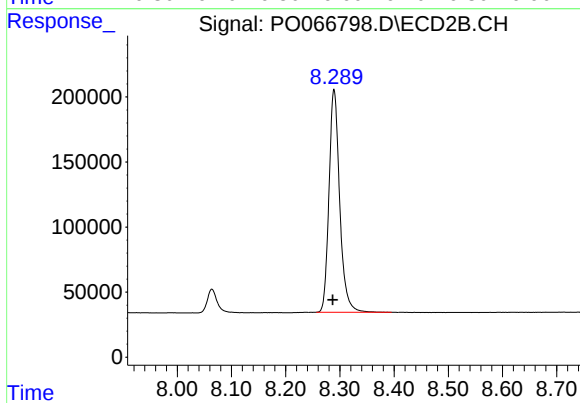
#1 Tetrachloro-m-xylene

R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 2516028
Conc: 46.58 ng/ml



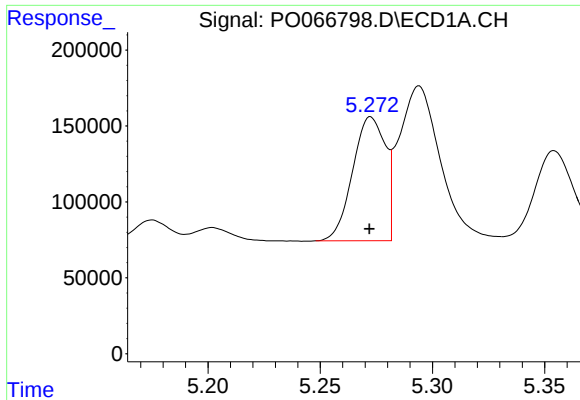
#2 Decachlorobiphenyl

R.T.: 9.597 min
Delta R.T.: 0.002 min
Response: 2086710
Conc: 50.85 ng/ml



#2 Decachlorobiphenyl

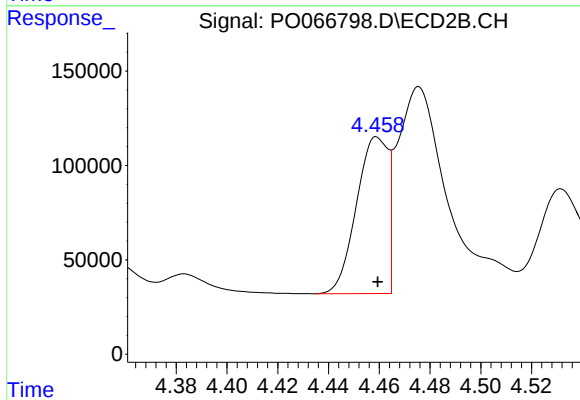
R.T.: 8.289 min
Delta R.T.: 0.003 min
Response: 2343234
Conc: 42.17 ng/ml



#3 AR-1016-1

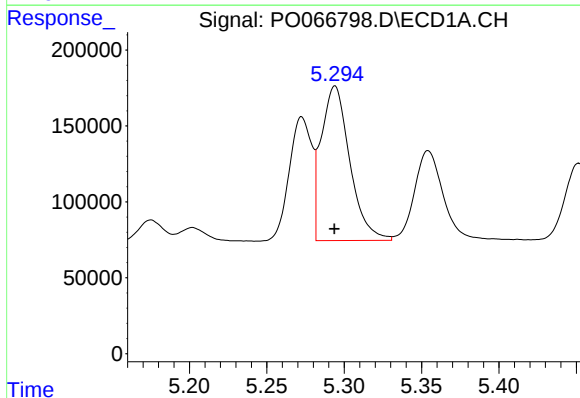
R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 827317
Conc: 511.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



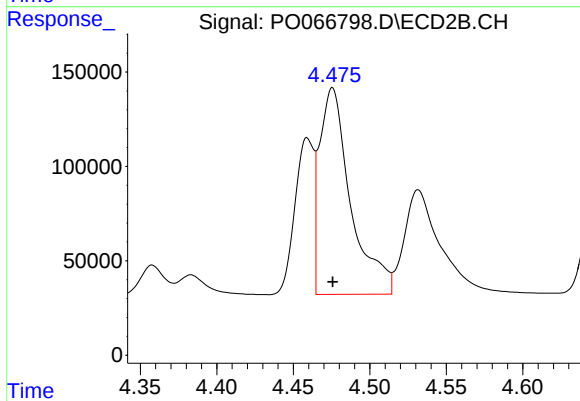
#3 AR-1016-1

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 712139
Conc: 443.11 ng/ml



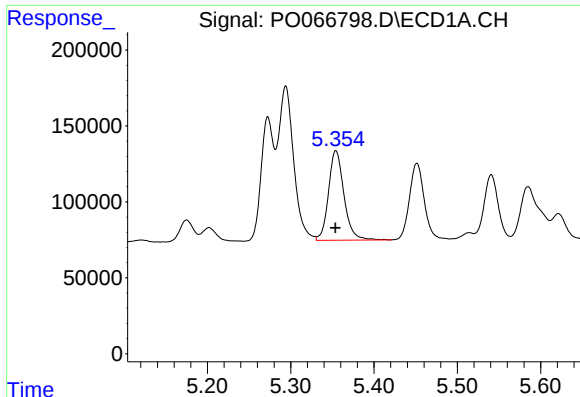
#4 AR-1016-2

R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 1310032
Conc: 536.98 ng/ml



#4 AR-1016-2

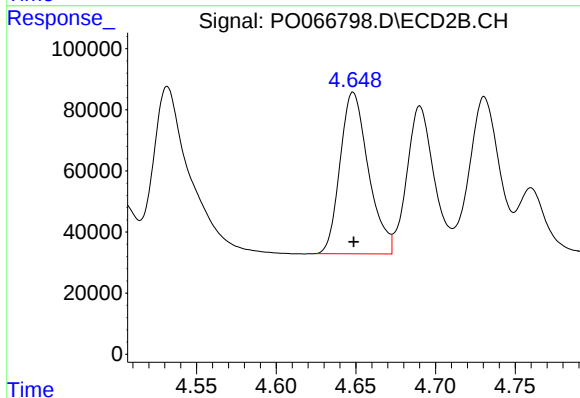
R.T.: 4.476 min
Delta R.T.: 0.000 min
Response: 1546153
Conc: 421.75 ng/ml



#5 AR-1016-3

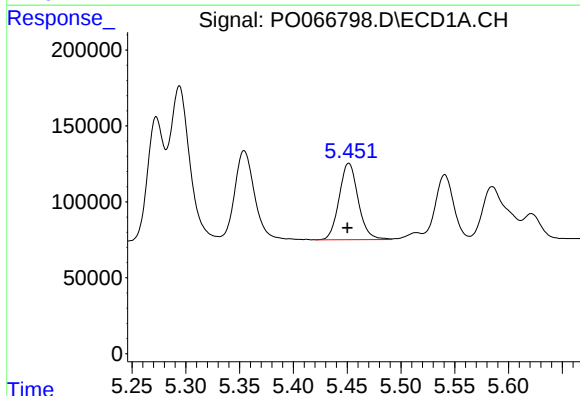
R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 764253
Conc: 553.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



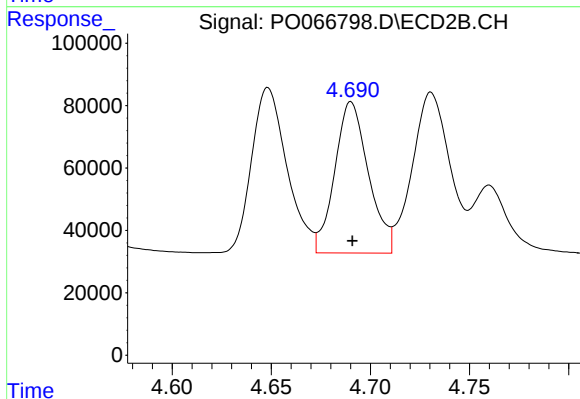
#5 AR-1016-3

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 654964
Conc: 471.51 ng/ml



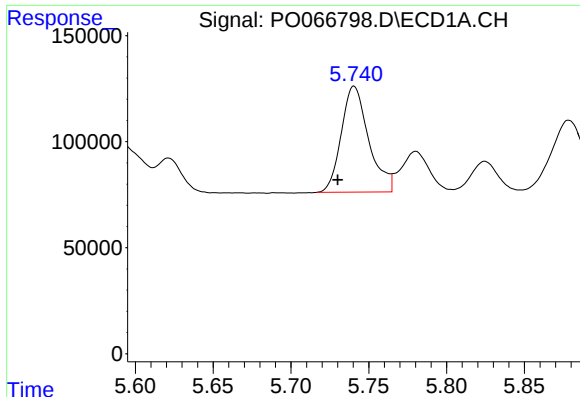
#6 AR-1016-4

R.T.: 5.452 min
Delta R.T.: 0.001 min
Response: 621393
Conc: 487.76 ng/ml



#6 AR-1016-4

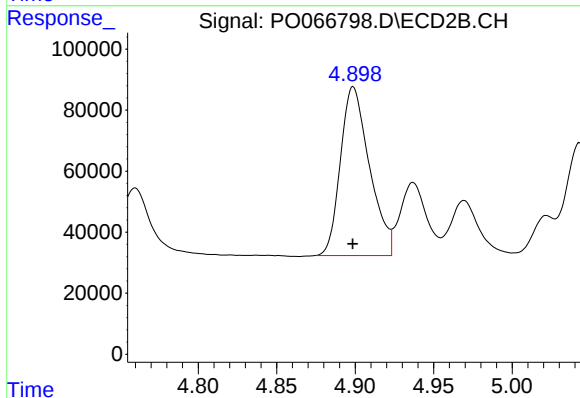
R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 574295
Conc: 496.94 ng/ml



#7 AR-1016-5

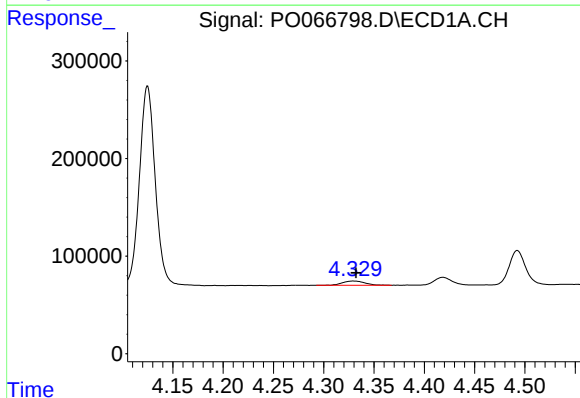
R.T.: 5.741 min
Delta R.T.: 0.011 min
Response: 614806
Conc: 579.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



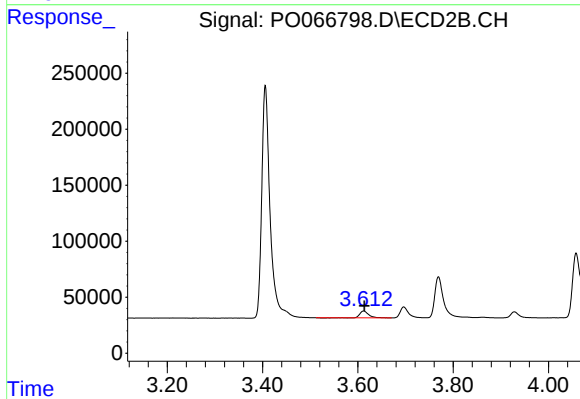
#7 AR-1016-5

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 711689
Conc: 484.68 ng/ml



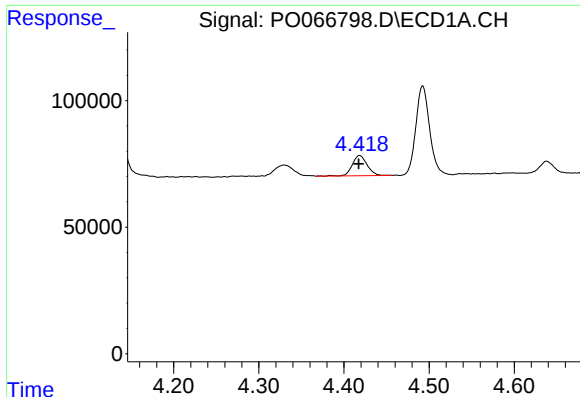
#8 AR-1221-1

R.T.: 4.330 min
Delta R.T.: -0.003 min
Response: 68485
Conc: 165.30 ng/ml



#8 AR-1221-1

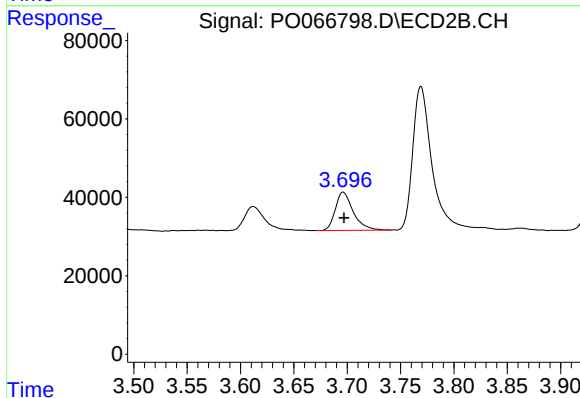
R.T.: 3.612 min
Delta R.T.: -0.002 min
Response: 76705
Conc: 147.68 ng/ml



#9 AR-1221-2

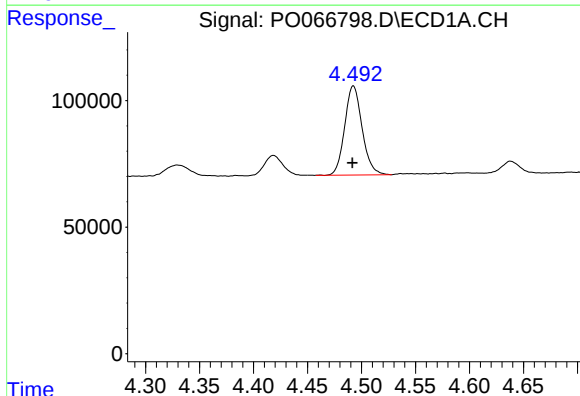
R.T.: 4.418 min
Delta R.T.: 0.001 min
Response: 97393
Conc: 315.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



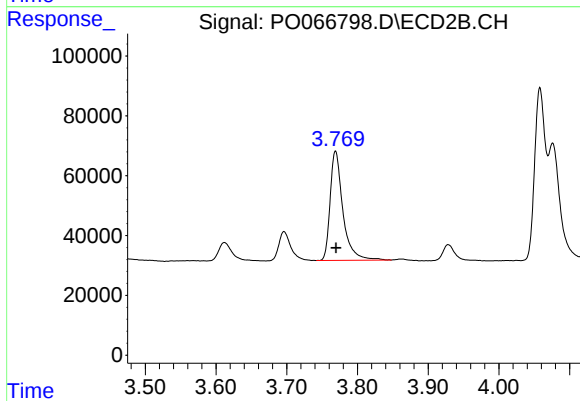
#9 AR-1221-2

R.T.: 3.696 min
Delta R.T.: 0.000 min
Response: 114819
Conc: 301.96 ng/ml



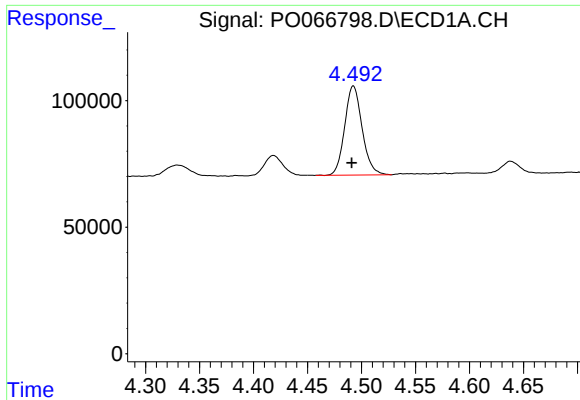
#10 AR-1221-3

R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 394656
Conc: 385.47 ng/ml



#10 AR-1221-3

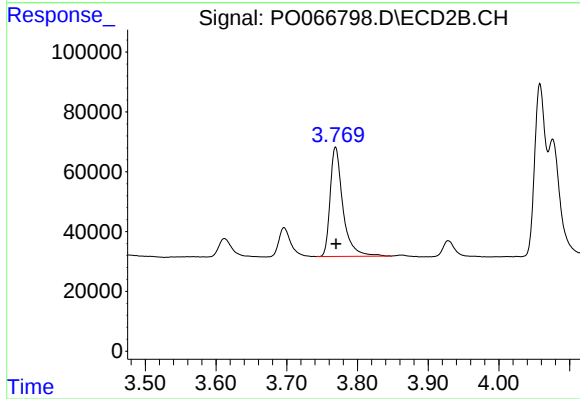
R.T.: 3.769 min
Delta R.T.: 0.000 min
Response: 459140
Conc: 385.59 ng/ml



#11 AR-1232-1

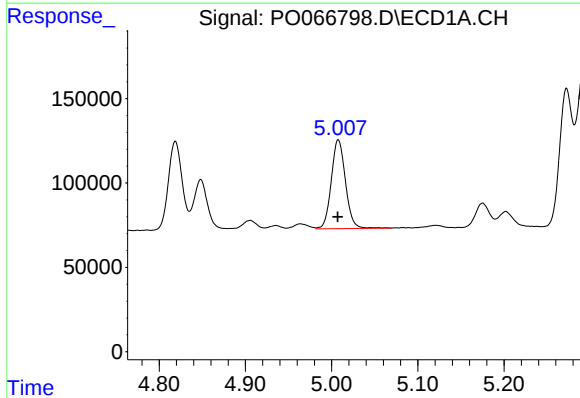
R.T.: 4.492 min
Delta R.T.: 0.001 min
Response: 394656
Conc: 493.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



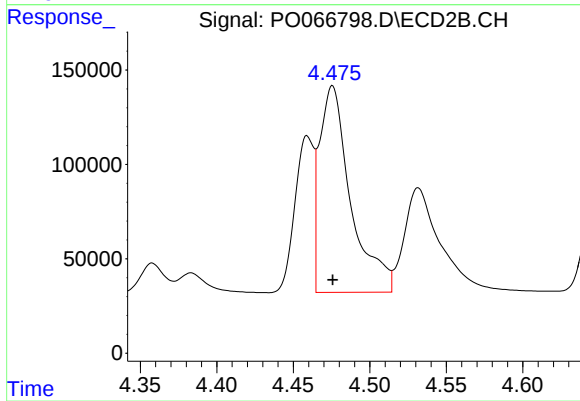
#11 AR-1232-1

R.T.: 3.769 min
Delta R.T.: 0.000 min
Response: 459140
Conc: 486.45 ng/ml



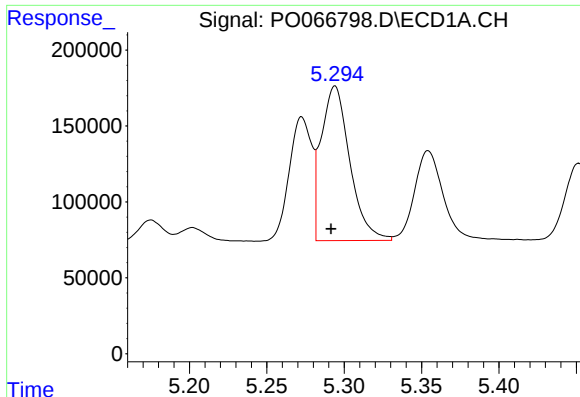
#12 AR-1232-2

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 599609
Conc: 1433.51 ng/ml



#12 AR-1232-2

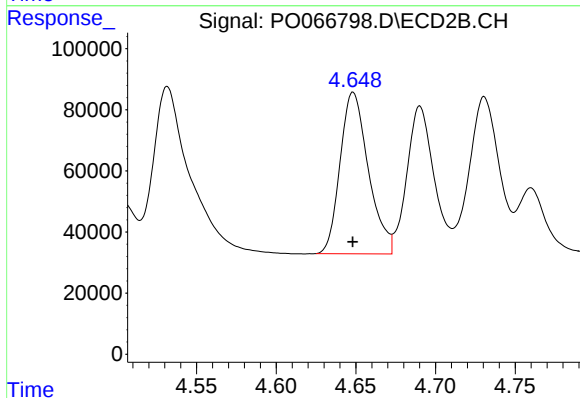
R.T.: 4.476 min
Delta R.T.: 0.000 min
Response: 1546153
Conc: 1164.84 ng/ml



#13 AR-1232-3

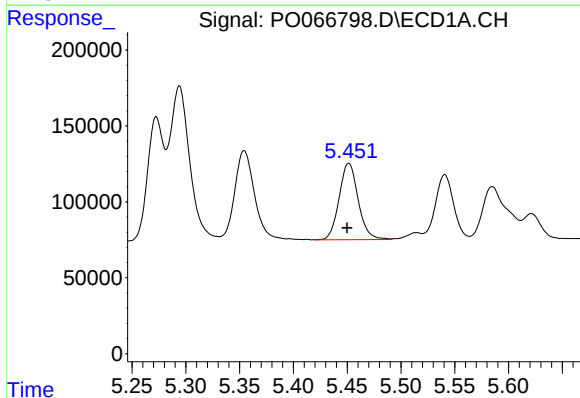
R.T.: 5.294 min
Delta R.T.: 0.003 min
Response: 1310032
Conc: 1526.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



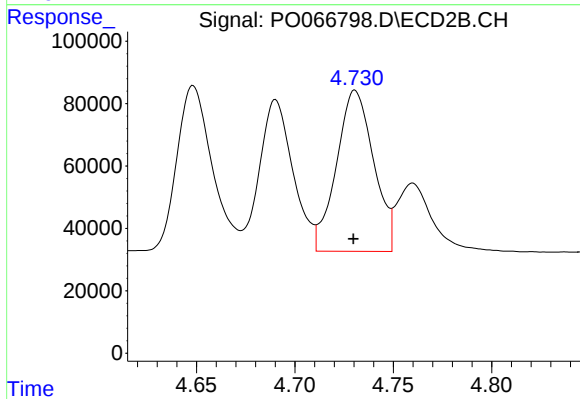
#13 AR-1232-3

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 654964
Conc: 1237.92 ng/ml



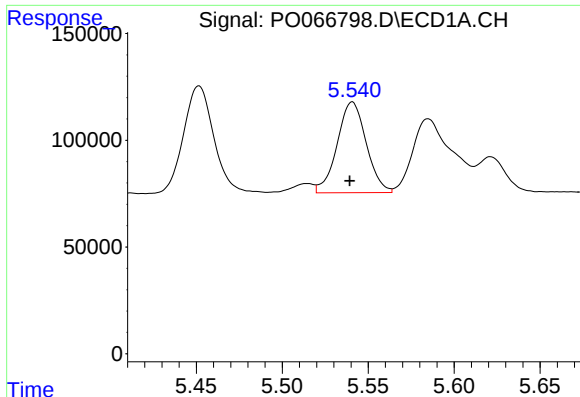
#14 AR-1232-4

R.T.: 5.452 min
Delta R.T.: 0.002 min
Response: 621393
Conc: 1551.88 ng/ml



#14 AR-1232-4

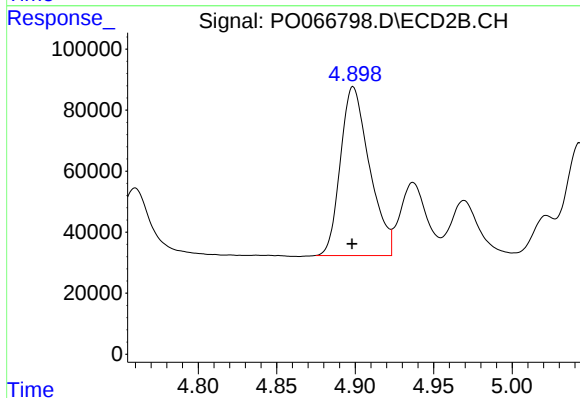
R.T.: 4.731 min
Delta R.T.: 0.000 min
Response: 679446
Conc: 1343.47 ng/ml



#15 AR-1232-5

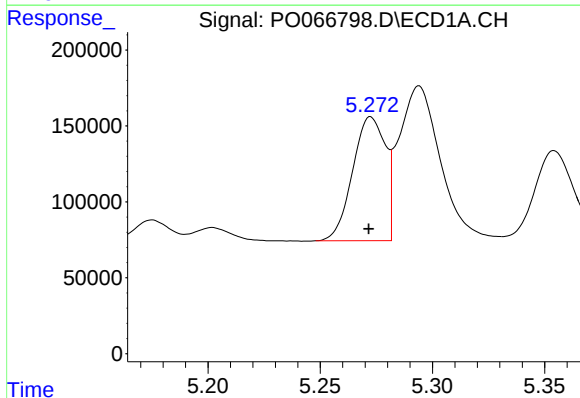
R.T.: 5.541 min
Delta R.T.: 0.001 min
Response: 502524
Conc: 1731.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



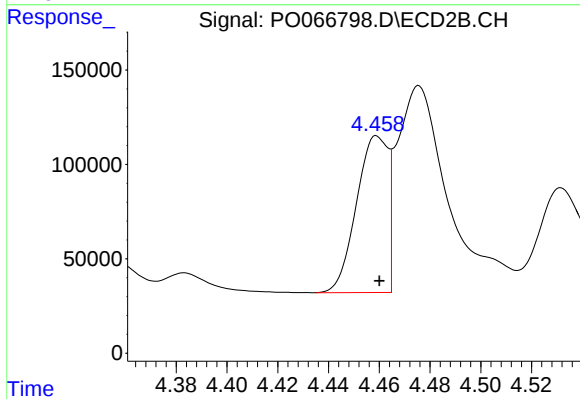
#15 AR-1232-5

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 711689
Conc: 1118.65 ng/ml



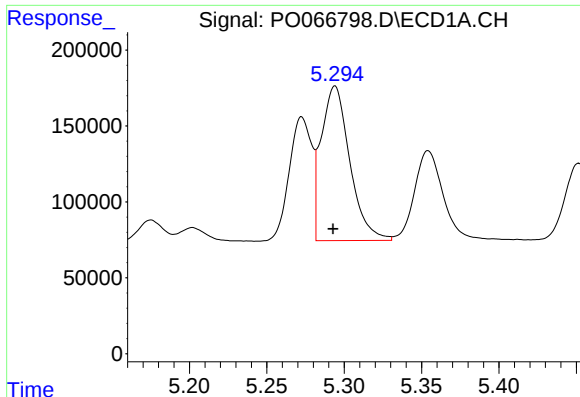
#16 AR-1242-1

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 827317
Conc: 770.80 ng/ml



#16 AR-1242-1

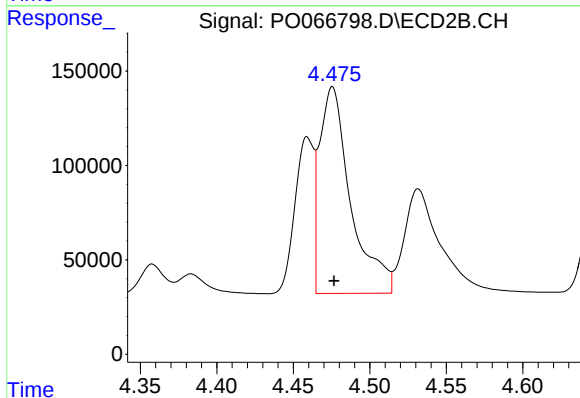
R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 712139
Conc: 677.39 ng/ml



#17 AR-1242-2

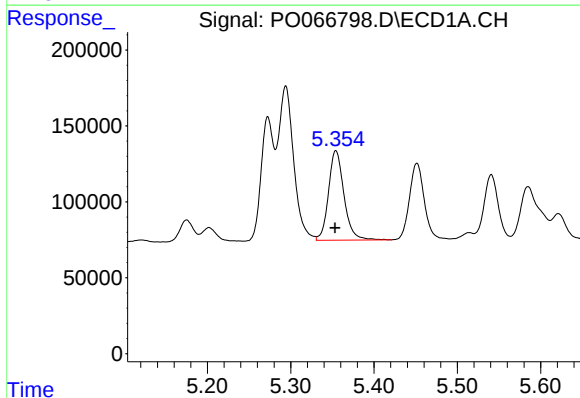
R.T.: 5.294 min
Delta R.T.: 0.001 min
Response: 1310032
Conc: 809.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



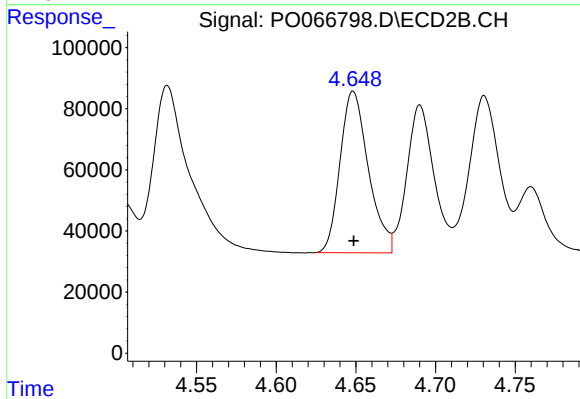
#17 AR-1242-2

R.T.: 4.476 min
Delta R.T.: 0.000 min
Response: 1546153
Conc: 651.46 ng/ml



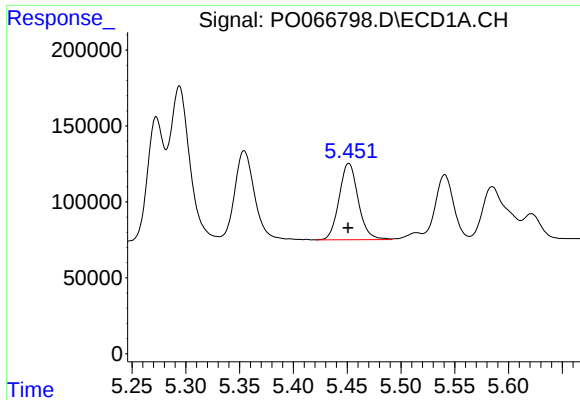
#18 AR-1242-3

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 764253
Conc: 807.26 ng/ml



#18 AR-1242-3

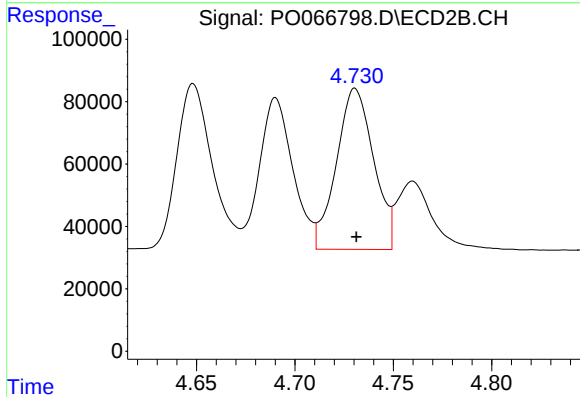
R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 654964
Conc: 693.96 ng/ml



#19 AR-1242-4

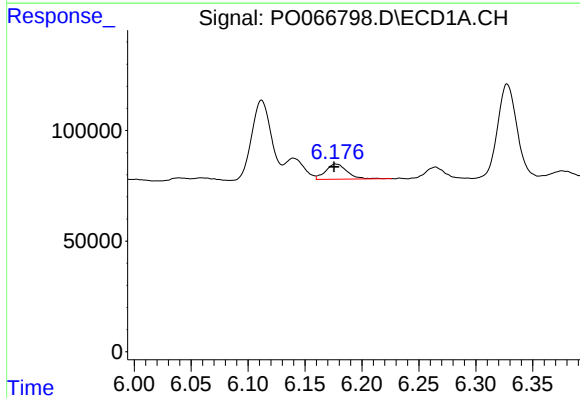
R.T.: 5.452 min
Delta R.T.: 0.000 min
Response: 621393
Conc: 778.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



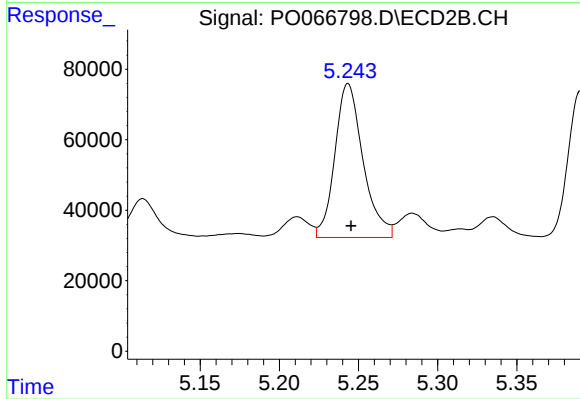
#19 AR-1242-4

R.T.: 4.731 min
Delta R.T.: 0.000 min
Response: 679446
Conc: 723.88 ng/ml



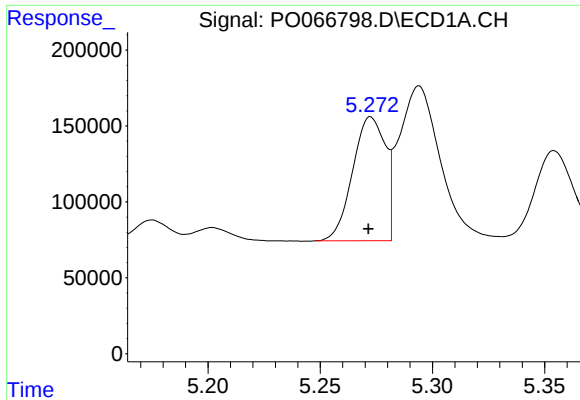
#20 AR-1242-5

R.T.: 6.177 min
Delta R.T.: 0.002 min
Response: 91355
Conc: 117.50 ng/ml



#20 AR-1242-5

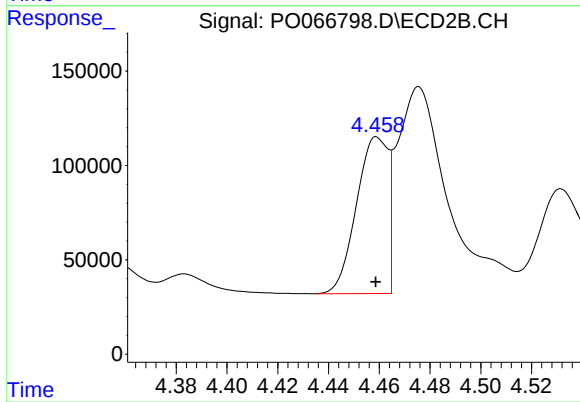
R.T.: 5.243 min
Delta R.T.: -0.002 min
Response: 540373
Conc: 396.70 ng/ml



#21 AR-1248-1

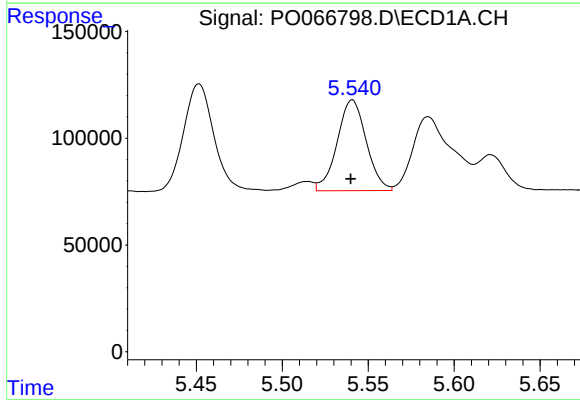
R.T.: 5.273 min
Delta R.T.: 0.001 min
Response: 827317
Conc: 1034.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



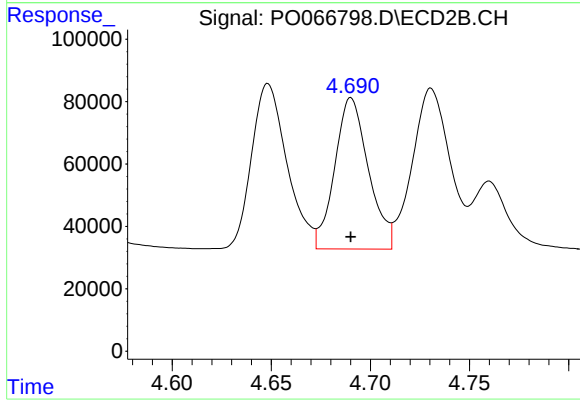
#21 AR-1248-1

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 712139
Conc: 860.21 ng/ml



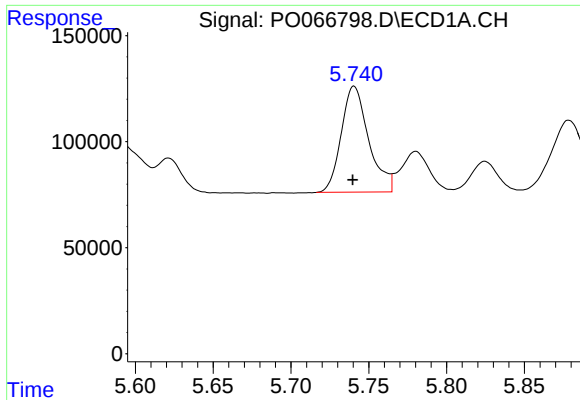
#22 AR-1248-2

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 502524
Conc: 421.79 ng/ml



#22 AR-1248-2

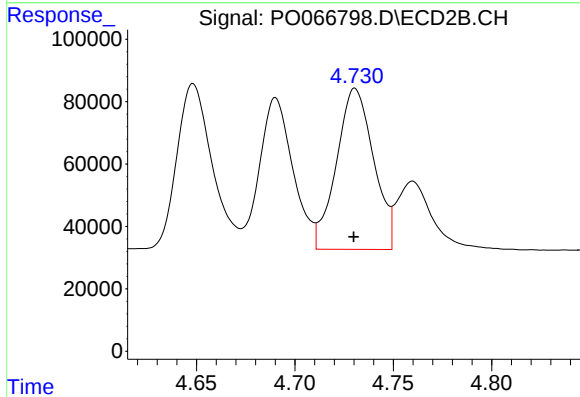
R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 574295
Conc: 434.84 ng/ml



#23 AR-1248-3

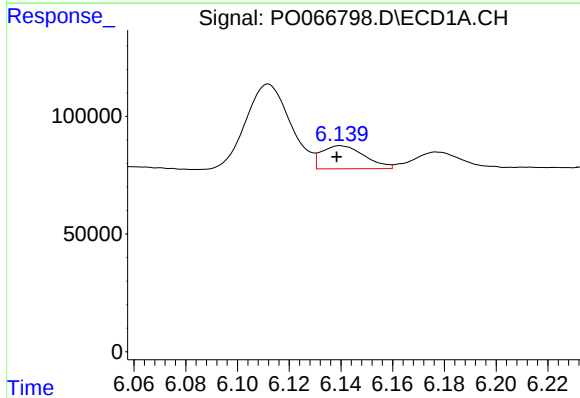
R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 614806
Conc: 489.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



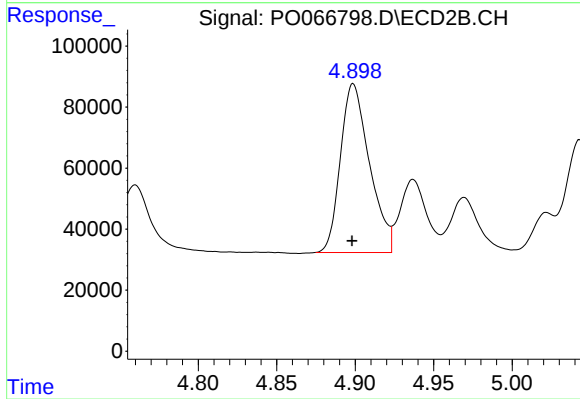
#23 AR-1248-3

R.T.: 4.731 min
Delta R.T.: 0.000 min
Response: 679446
Conc: 502.15 ng/ml



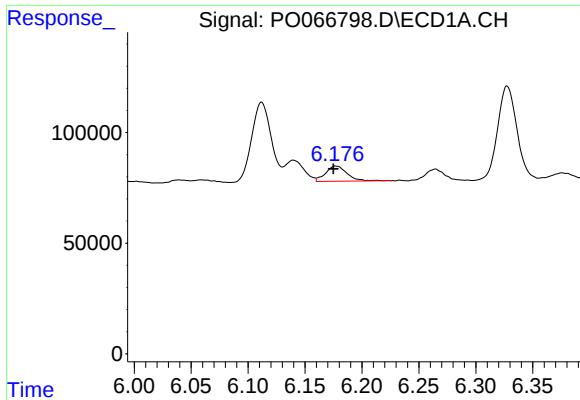
#24 AR-1248-4

R.T.: 6.140 min
Delta R.T.: 0.002 min
Response: 112456
Conc: 78.00 ng/ml



#24 AR-1248-4

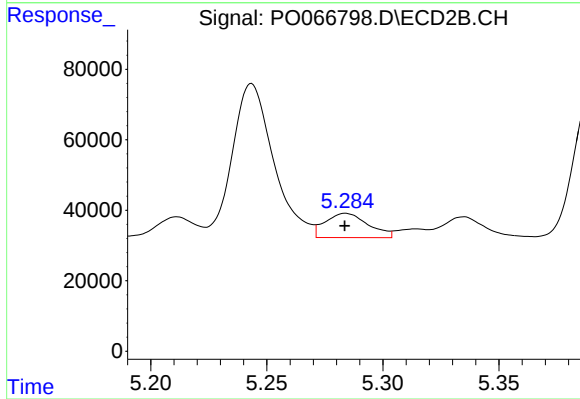
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 711689
Conc: 436.57 ng/ml



#25 AR-1248-5

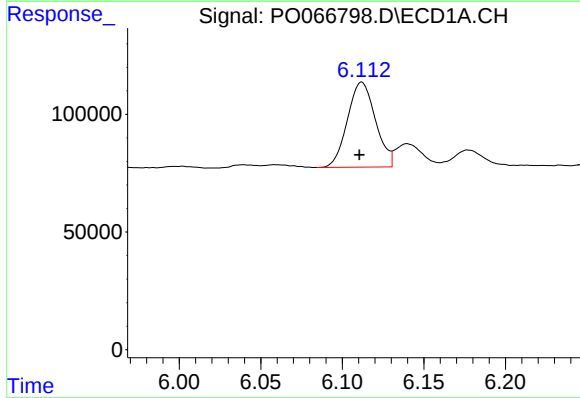
R.T.: 6.177 min
Delta R.T.: 0.002 min
Response: 91355
Conc: 68.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



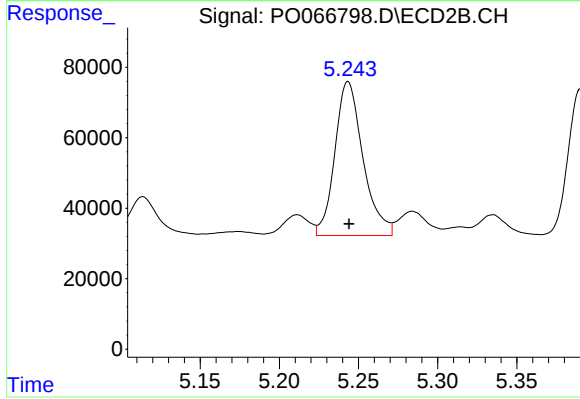
#25 AR-1248-5

R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 88795
Conc: 43.40 ng/ml



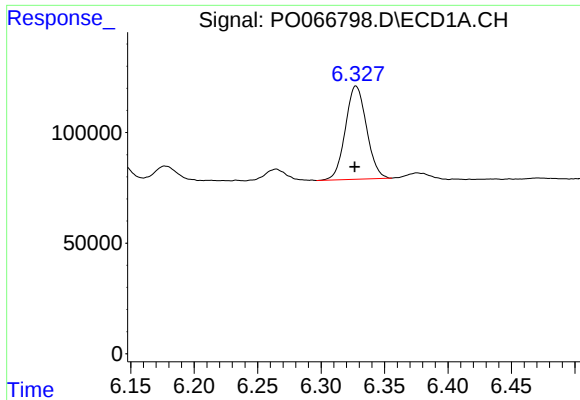
#26 AR-1254-1

R.T.: 6.112 min
Delta R.T.: 0.001 min
Response: 431933
Conc: 272.50 ng/ml



#26 AR-1254-1

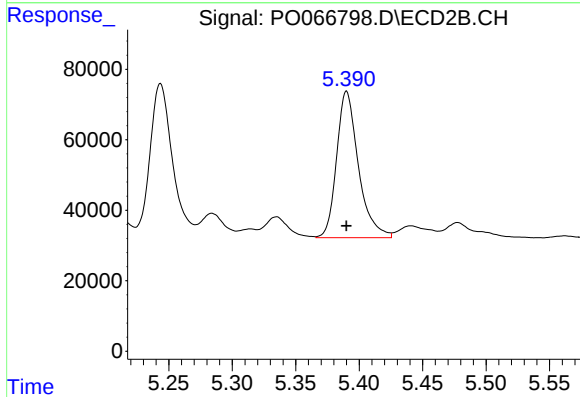
R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 540373
Conc: 191.60 ng/ml



#27 AR-1254-2

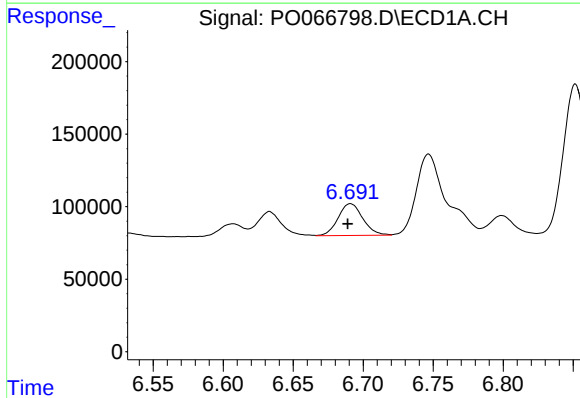
R.T.: 6.328 min
Delta R.T.: 0.001 min
Response: 487953
Conc: 183.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



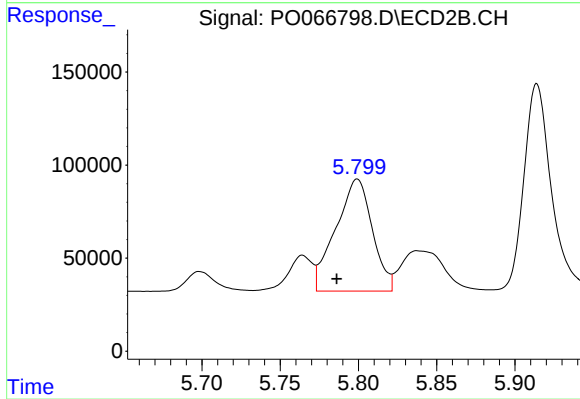
#27 AR-1254-2

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 497486
Conc: 207.09 ng/ml



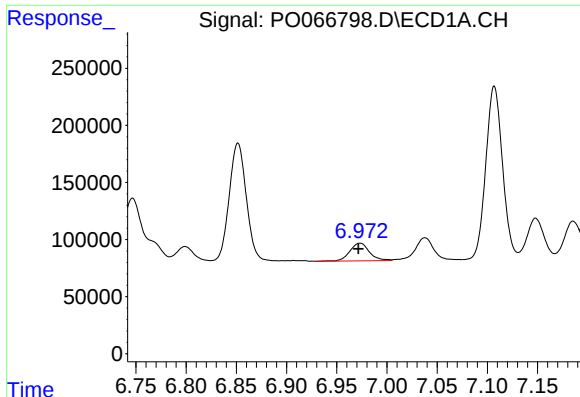
#28 AR-1254-3

R.T.: 6.691 min
Delta R.T.: 0.002 min
Response: 269423
Conc: 101.89 ng/ml



#28 AR-1254-3

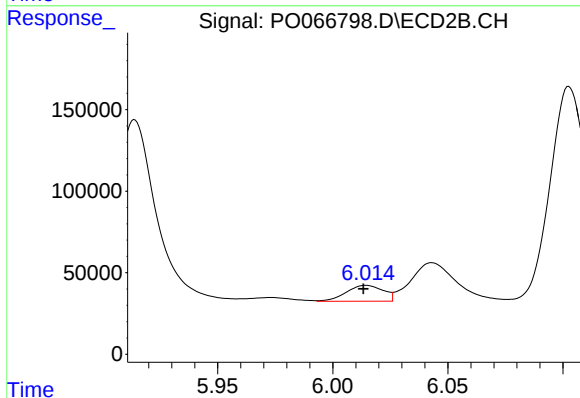
R.T.: 5.799 min
Delta R.T.: 0.013 min
Response: 980061
Conc: 254.08 ng/ml



#29 AR-1254-4

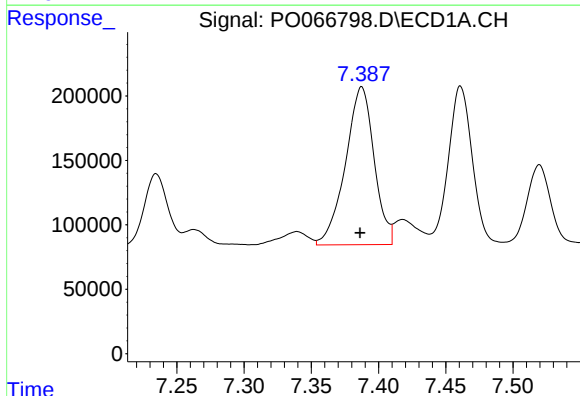
R.T.: 6.973 min
Delta R.T.: 0.002 min
Response: 211195
Conc: 94.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



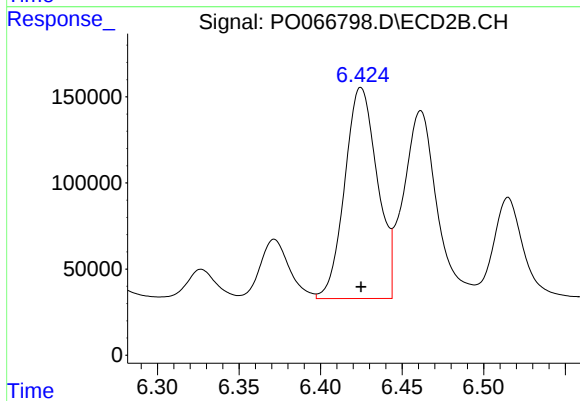
#29 AR-1254-4

R.T.: 6.015 min
Delta R.T.: 0.001 min
Response: 109325
Conc: 45.64 ng/ml



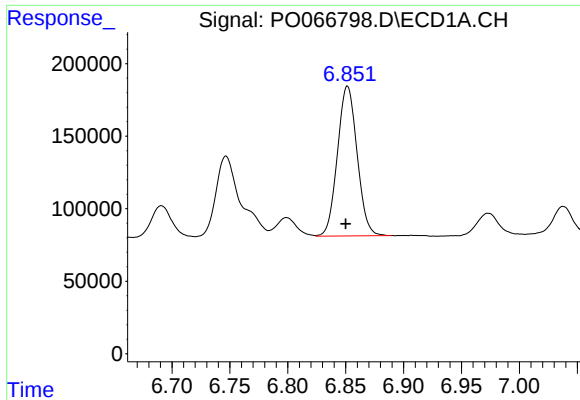
#30 AR-1254-5

R.T.: 7.387 min
Delta R.T.: 0.001 min
Response: 1817523
Conc: 787.15 ng/ml



#30 AR-1254-5

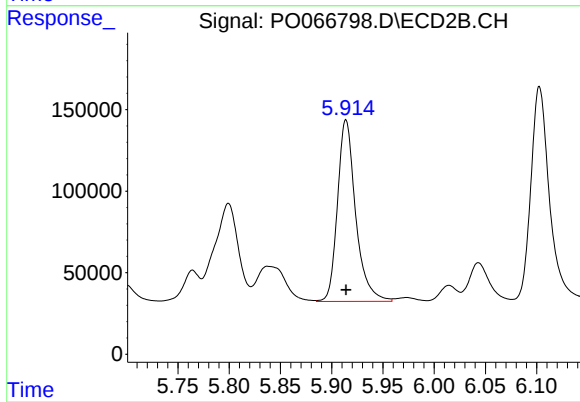
R.T.: 6.425 min
Delta R.T.: 0.000 min
Response: 1708373
Conc: 478.58 ng/ml



#31 AR-1260-1

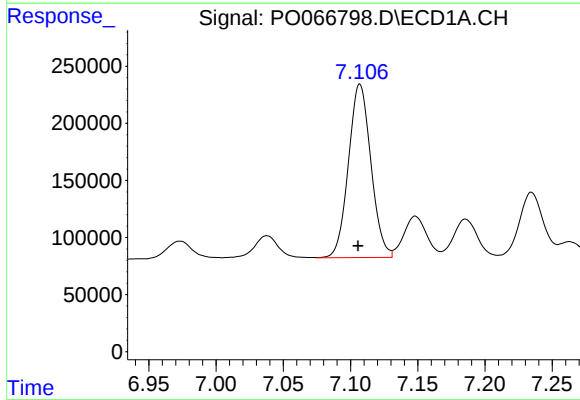
R.T.: 6.852 min
Delta R.T.: 0.002 min
Response: 1220894
Conc: 543.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



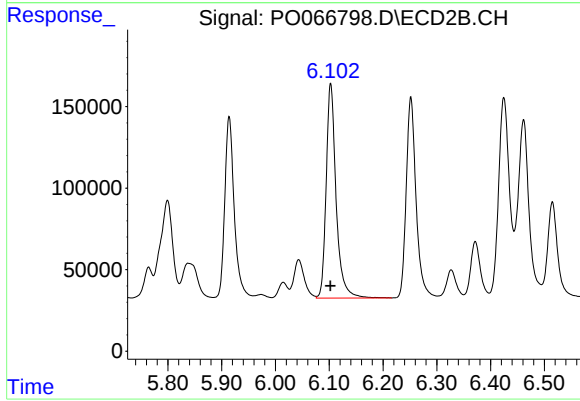
#31 AR-1260-1

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 1372761
Conc: 460.65 ng/ml



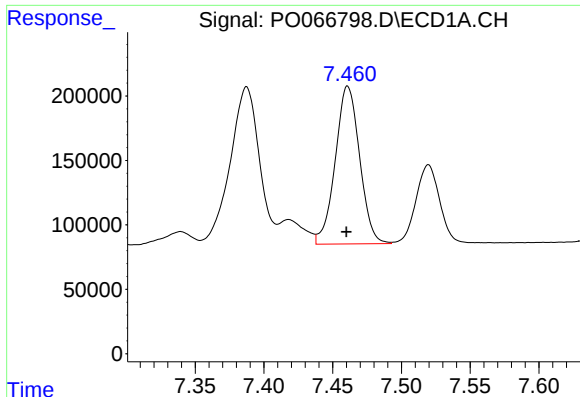
#32 AR-1260-2

R.T.: 7.107 min
Delta R.T.: 0.001 min
Response: 1769016
Conc: 528.62 ng/ml



#32 AR-1260-2

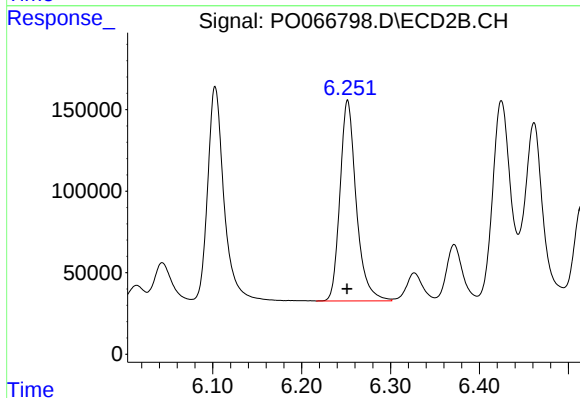
R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 1687541
Conc: 425.91 ng/ml



#33 AR-1260-3

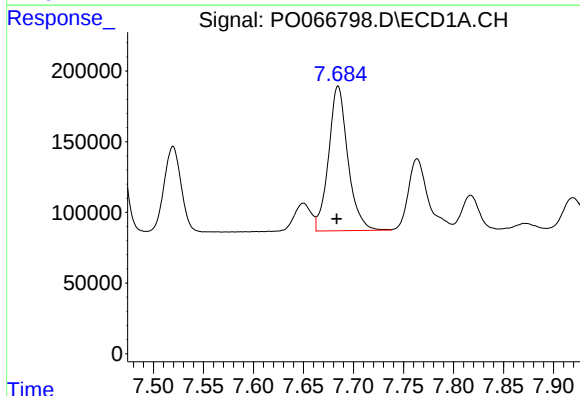
R.T.: 7.461 min
Delta R.T.: 0.001 min
Response: 1511495
Conc: 505.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



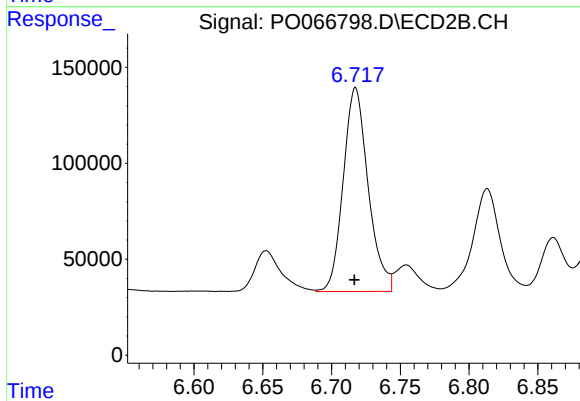
#33 AR-1260-3

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 1566471
Conc: 444.85 ng/ml



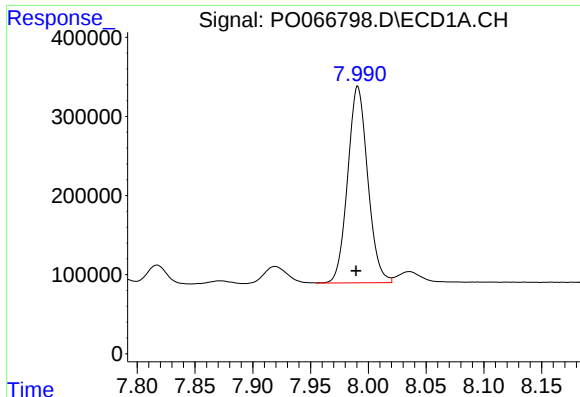
#34 AR-1260-4

R.T.: 7.685 min
Delta R.T.: 0.001 min
Response: 1376497
Conc: 547.95 ng/ml



#34 AR-1260-4

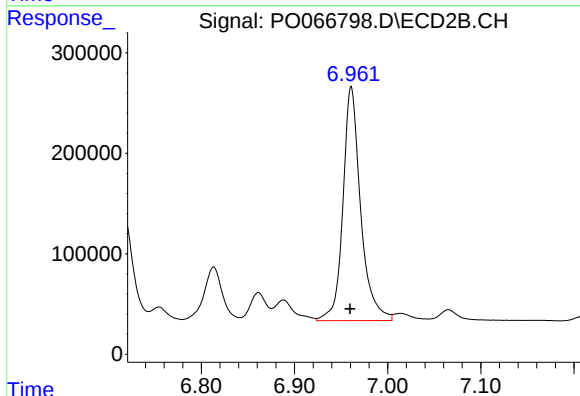
R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 1340738
Conc: 457.79 ng/ml



#35 AR-1260-5

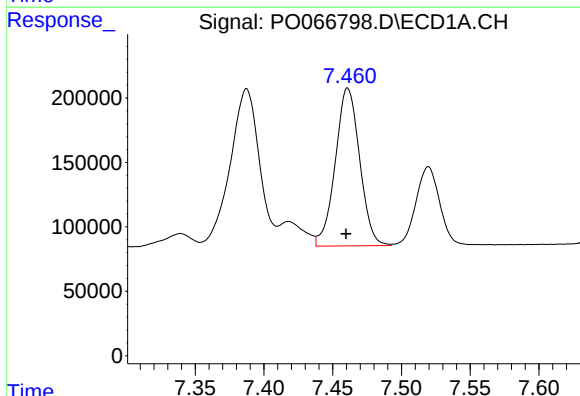
R.T.: 7.991 min
Delta R.T.: 0.001 min
Response: 2999003
Conc: 484.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



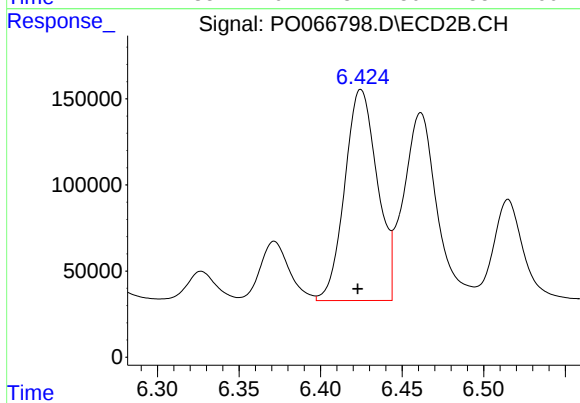
#35 AR-1260-5

R.T.: 6.961 min
Delta R.T.: 0.001 min
Response: 3078405
Conc: 406.91 ng/ml



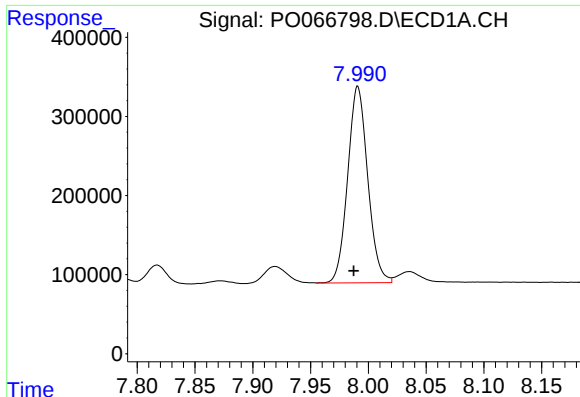
#36 AR-1262-1

R.T.: 7.461 min
Delta R.T.: 0.001 min
Response: 1511495
Conc: 389.23 ng/ml



#36 AR-1262-1

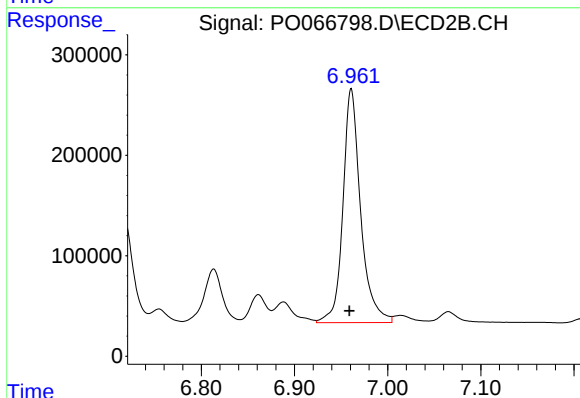
R.T.: 6.425 min
Delta R.T.: 0.002 min
Response: 1708373
Conc: 886.05 ng/ml



#37 AR-1262-2

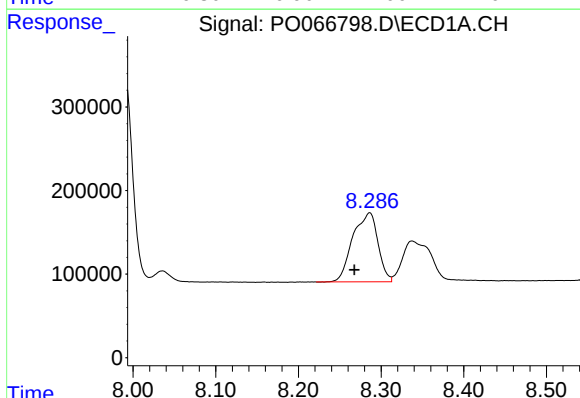
R.T.: 7.991 min
Delta R.T.: 0.003 min
Response: 2999003
Conc: 477.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



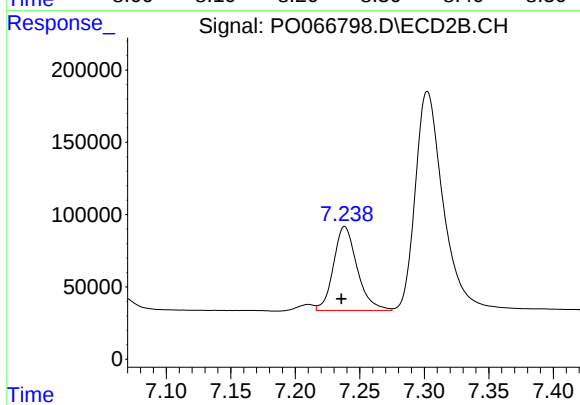
#37 AR-1262-2

R.T.: 6.961 min
Delta R.T.: 0.002 min
Response: 3078405
Conc: 385.30 ng/ml



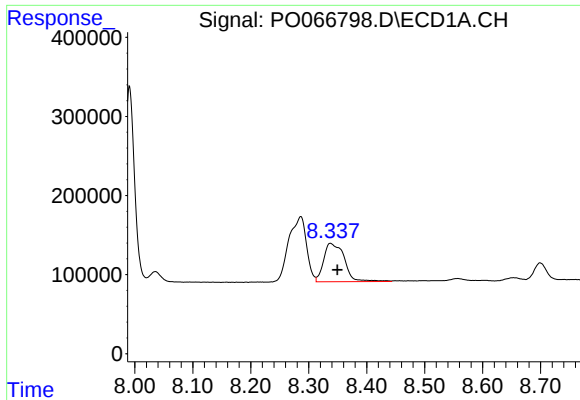
#38 AR-1262-3

R.T.: 8.286 min
Delta R.T.: 0.019 min
Response: 1743448
Conc: 429.17 ng/ml



#38 AR-1262-3

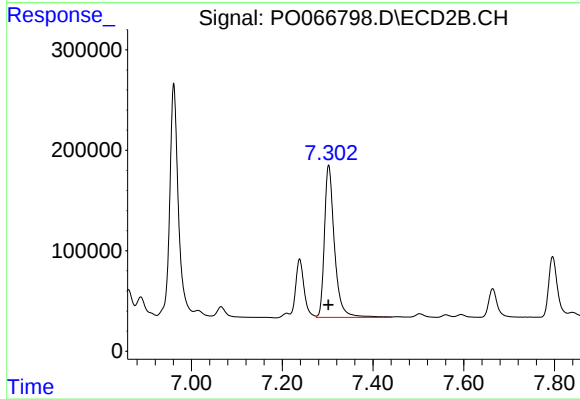
R.T.: 7.238 min
Delta R.T.: 0.002 min
Response: 742714
Conc: 228.37 ng/ml



#39 AR-1262-4

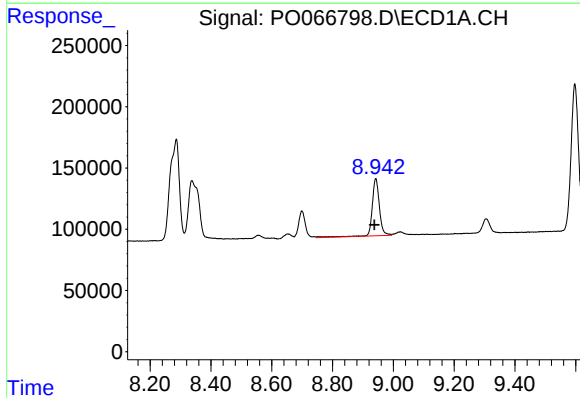
R.T.: 8.338 min
Delta R.T.: -0.012 min
Response: 1199486
Conc: 390.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



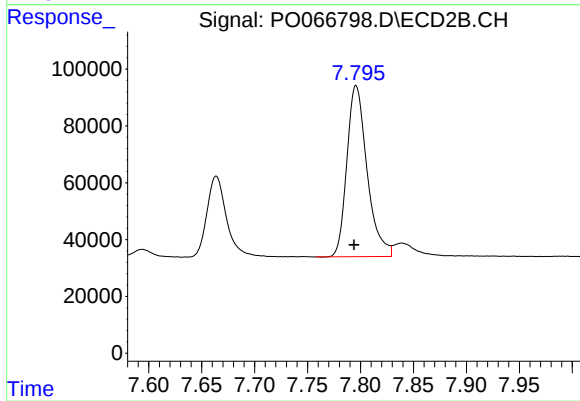
#39 AR-1262-4

R.T.: 7.302 min
Delta R.T.: 0.000 min
Response: 2328394
Conc: 405.09 ng/ml



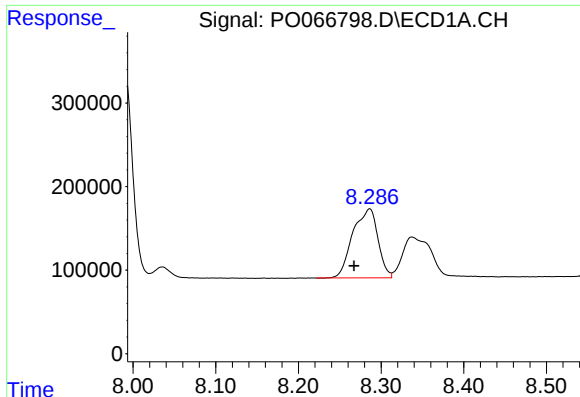
#40 AR-1262-5

R.T.: 8.942 min
Delta R.T.: 0.004 min
Response: 777373
Conc: 382.11 ng/ml



#40 AR-1262-5

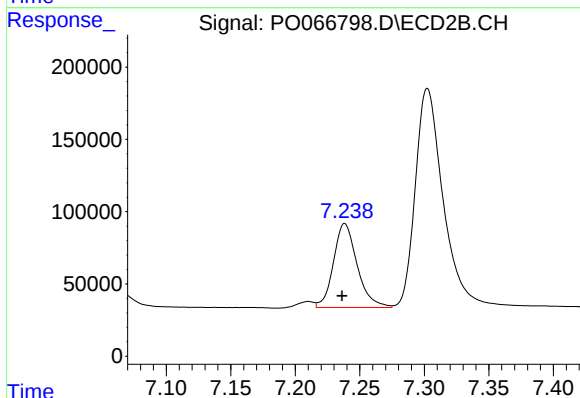
R.T.: 7.796 min
Delta R.T.: 0.002 min
Response: 801498
Conc: 319.79 ng/ml



#41 AR-1268-1

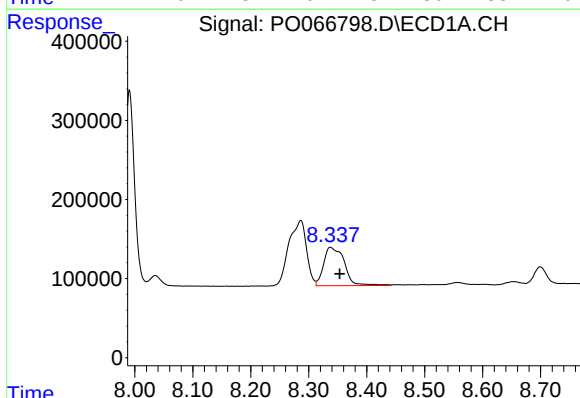
R.T.: 8.286 min
Delta R.T.: 0.019 min
Response: 1743448
Conc: 215.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



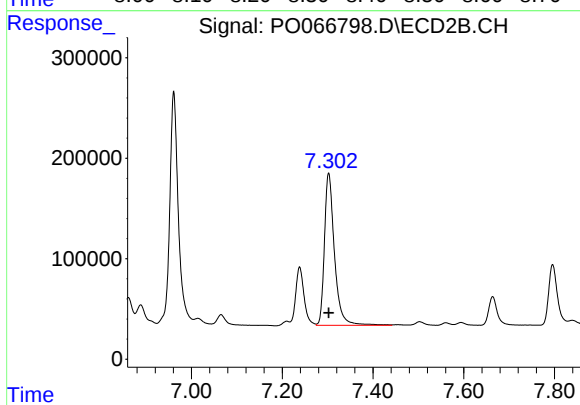
#41 AR-1268-1

R.T.: 7.238 min
Delta R.T.: 0.002 min
Response: 742714
Conc: 76.14 ng/ml



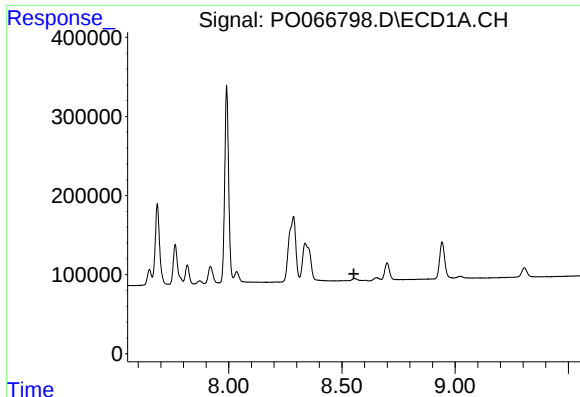
#42 AR-1268-2

R.T.: 8.338 min
Delta R.T.: -0.016 min
Response: 1199486
Conc: 176.12 ng/ml



#42 AR-1268-2

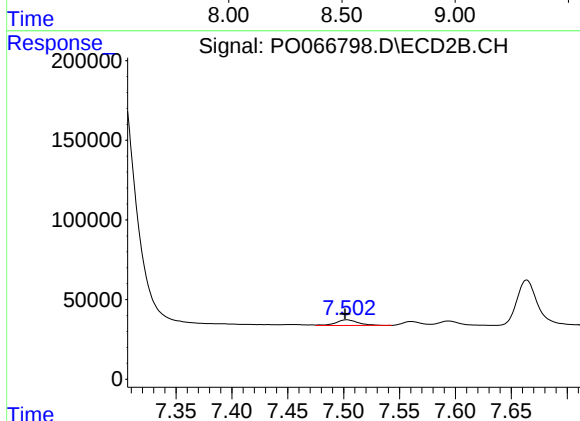
R.T.: 7.302 min
Delta R.T.: 0.000 min
Response: 2328394
Conc: 256.13 ng/ml



#43 AR-1268-3

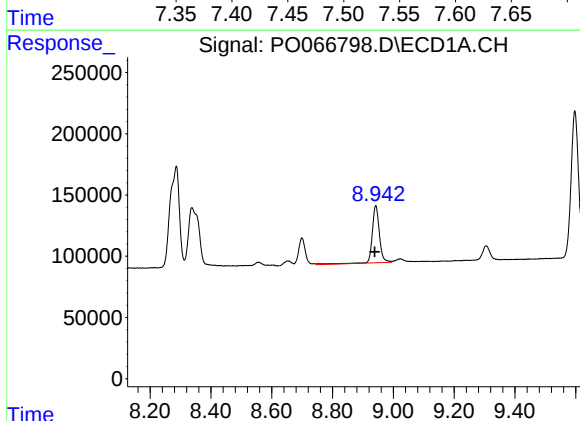
R.T.: 0.000 min
Exp R.T.: 8.553 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



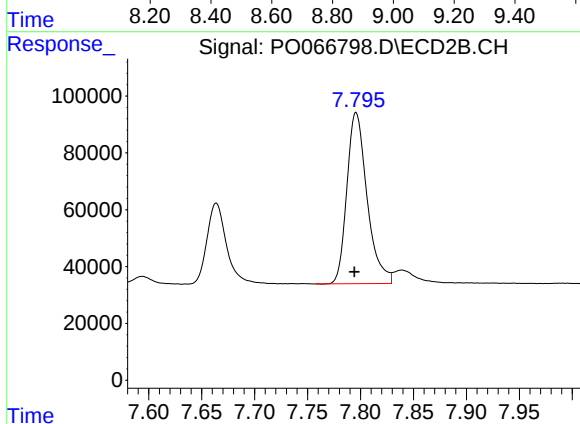
#43 AR-1268-3

R.T.: 7.503 min
Delta R.T.: 0.001 min
Response: 48621
Conc: 6.33 ng/ml



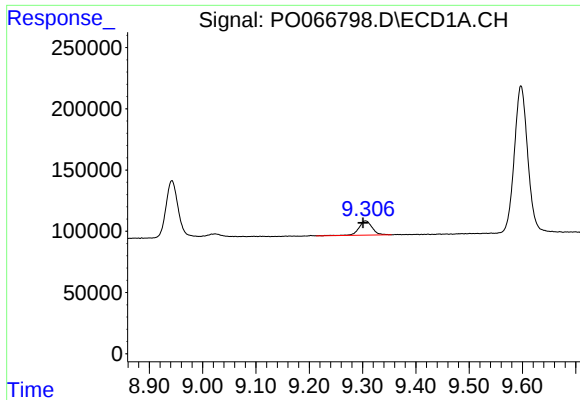
#44 AR-1268-4

R.T.: 8.942 min
Delta R.T.: 0.004 min
Response: 777373
Conc: 328.90 ng/ml



#44 AR-1268-4

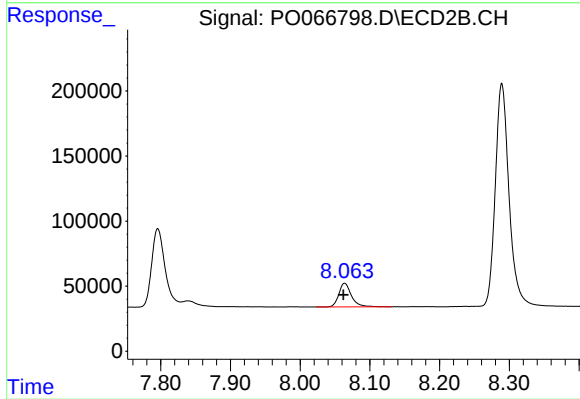
R.T.: 7.796 min
Delta R.T.: 0.002 min
Response: 801498
Conc: 270.78 ng/ml



#45 AR-1268-5

R.T.: 9.306 min
Delta R.T.: 0.005 min
Response: 200876
Conc: 12.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



#45 AR-1268-5

R.T.: 8.064 min
Delta R.T.: 0.002 min
Response: 227637
Conc: 10.50 ng/ml