

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102120\
 Data File : PO072632.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Oct 2020 21:14
 Operator : DD\AJ
 Sample : PB132524BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 08:00:26 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 14 17:47:24 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...	4.318	3.502	1912493	961620	22.548	22.829
2)	SA Decachlor...	9.918	8.666	2213926	1157534	20.071	22.392
Target Compounds							
3)	L1 AR-1016-1	5.621	4.720	784782	401621	238.101	233.536
4)	L1 AR-1016-2	5.643	4.737	1112310	561370	238.006	228.540
5)	L1 AR-1016-3	5.705	4.922	663154	296331	248.826	241.711
6)	L1 AR-1016-4	5.812	4.979	576794	260072	242.990	246.998
7)	L1 AR-1016-5	6.119	5.199	495196	303305	243.868	230.329
8)	L2 AR-1221-1	4.570	3.750	80953	36648	96.763	73.807
9)	L2 AR-1221-2	4.670	3.846	89135	51484	140.796	134.482
10)	L2 AR-1221-3	4.756	3.930	360801	201042	174.401	177.157
11)	L3 AR-1232-1	4.756	3.930	360801	201042	205.551	207.603
12)	L3 AR-1232-2	5.328	4.737	527090	561370	553.537	541.152
13)	L3 AR-1232-3	5.643	4.922	1112310	296331	567.675	573.354
14)	L3 AR-1232-4	5.812	5.021	576794	279046	595.529	633.781
15)	L3 AR-1232-5	5.909	5.199	440977	303305	735.413	593.682
16)	L4 AR-1242-1	5.621	4.720	784782	401621	322.242	310.725
17)	L4 AR-1242-2	5.643	4.737	1112310	561370	316.004	306.553
18)	L4 AR-1242-3	5.705	4.922	663154	296331	320.558	314.774
19)	L4 AR-1242-4	5.812	5.021	576794	279046	332.683	315.029
20)	L4 AR-1242-5	6.581	5.571	79006	250598	33.891	182.529 #
21)	L5 AR-1248-1	5.621	4.720	784782	401621	419.791	394.859
22)	L5 AR-1248-2	5.909	4.979	440977	260072	176.252	182.395
23)	L5 AR-1248-3	6.119	5.021	495196	279046	170.923	207.779
24)	L5 AR-1248-4	6.544	5.199	89463	303305	20.230	180.614 #
25)	L5 AR-1248-5	6.581	5.614	79006	35248	20.097	19.084
26)	L6 AR-1254-1	6.510	5.571	418019	250598	98.953	90.659
27)	L6 AR-1254-2	6.737	5.732	502405	246606	77.521	101.431 #
28)	L6 AR-1254-3	7.113	6.141	270715	122461	39.830	31.824
29)	L6 AR-1254-4	7.405	6.381	217430	57085	32.804	21.259 #
30)	L6 AR-1254-5	7.828	6.801	1915066	906506	298.963	247.361
31)	L7 AR-1260-1	7.275	6.276	1245870	617073	255.657	241.212
32)	L7 AR-1260-2	7.542	6.477	1748260	766367	227.853	237.667
33)	L7 AR-1260-3	7.899	6.623	1217264	708708	189.938	236.136
34)	L7 AR-1260-4	8.126	7.098	1201817	532275	197.470	201.887
35)	L7 AR-1260-5	8.441	7.351	2653671	1264198	182.668	193.500
36)	L8 AR-1262-1	7.899	6.801	1217264	906506	128.352	475.082 #
37)	L8 AR-1262-2	8.441	7.351	2653671	1264198	166.031	189.277
38)	L8 AR-1262-3	8.708	7.629	511671	293482	73.224	102.977 #
39)	L8 AR-1262-4	8.774f	7.690	864776	951721	216.394	184.665
40)	L8 AR-1262-5	9.336	8.188	563882	312442	105.994	123.717
41)	L9 AR-1268-1	8.708	7.629	511671	293482	26.578	37.009 #

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 ALS Vial : 41 Sample Multiplier: 1

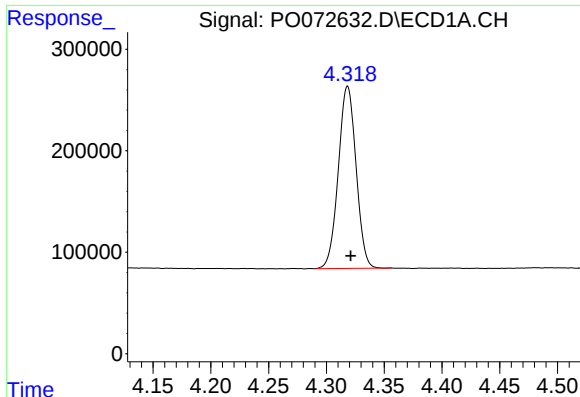
Instrument :
 ECD_O
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.774f	7.690	864776	951721	52.381	130.806 #
43) L9	AR-1268-3	8.967	0.000	47020	0	3.368	N.D. #
44) L9	AR-1268-4	9.336	8.188	563882	312442	94.506	110.522
45) L9	AR-1268-5	9.660	8.455	199912	103826	4.862	5.402

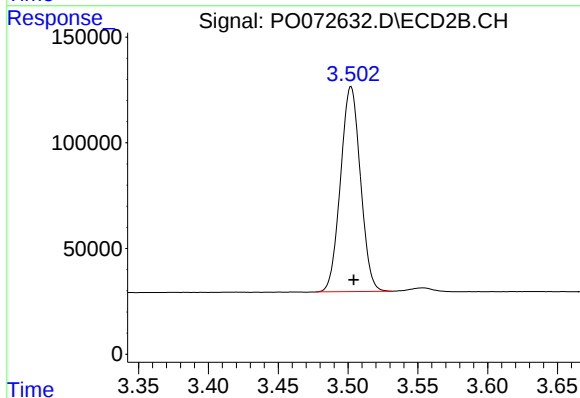
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

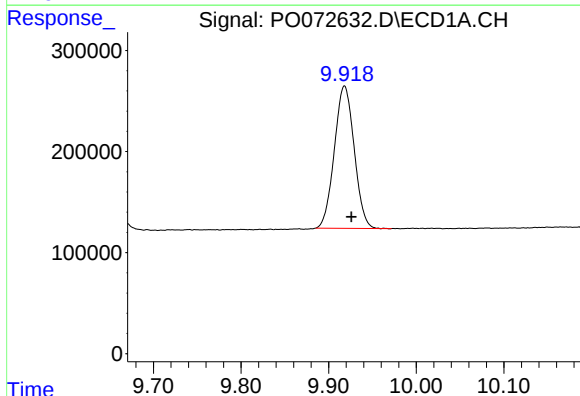
R.T.: 4.318 min
Delta R.T.: -0.003 min
Response: 1912493
Conc: 22.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



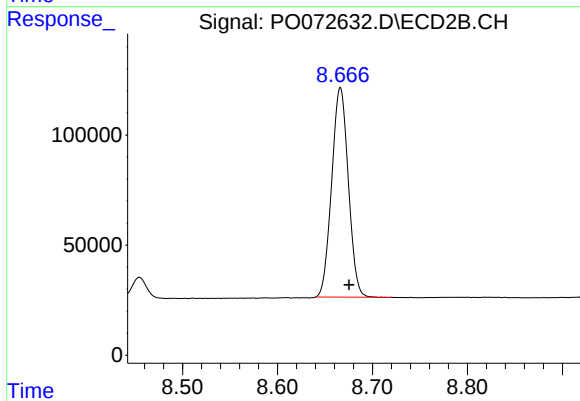
#1 Tetrachloro-m-xylene

R.T.: 3.502 min
Delta R.T.: -0.002 min
Response: 961620
Conc: 22.83 ng/ml



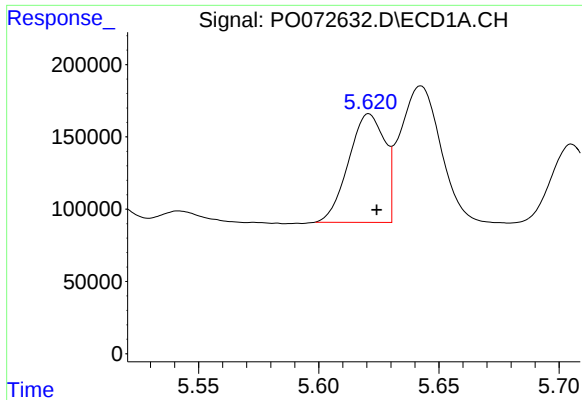
#2 Decachlorobiphenyl

R.T.: 9.918 min
Delta R.T.: -0.008 min
Response: 2213926
Conc: 20.07 ng/ml



#2 Decachlorobiphenyl

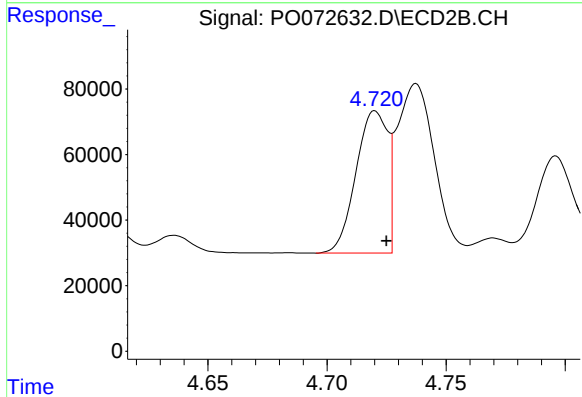
R.T.: 8.666 min
Delta R.T.: -0.009 min
Response: 1157534
Conc: 22.39 ng/ml



#3 AR-1016-1

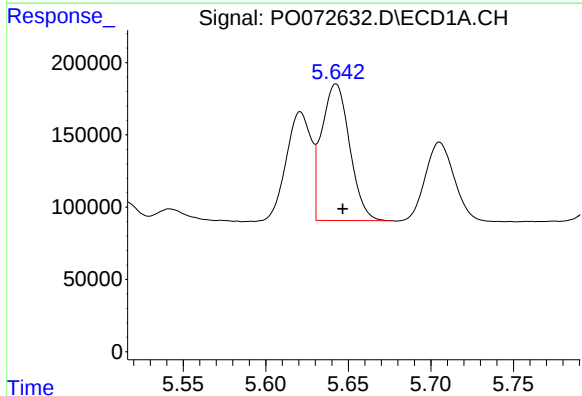
R.T.: 5.621 min
Delta R.T.: -0.003 min
Response: 784782
Conc: 238.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



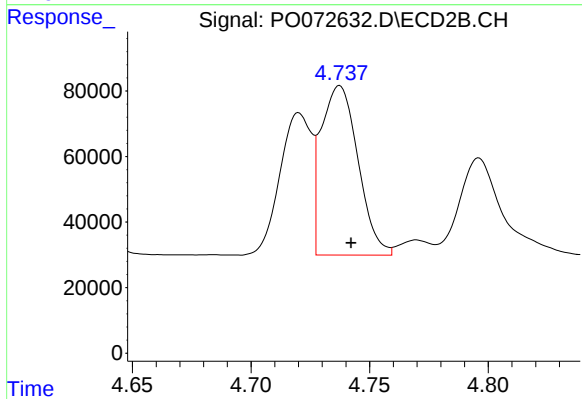
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: -0.005 min
Response: 401621
Conc: 233.54 ng/ml



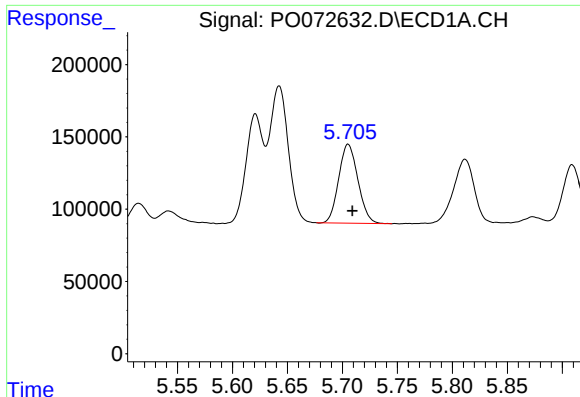
#4 AR-1016-2

R.T.: 5.643 min
Delta R.T.: -0.004 min
Response: 1112310
Conc: 238.01 ng/ml



#4 AR-1016-2

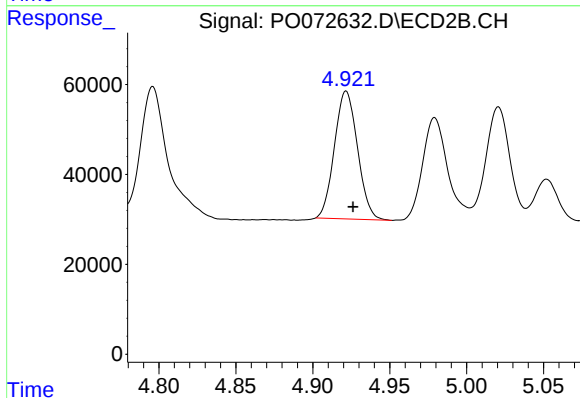
R.T.: 4.737 min
Delta R.T.: -0.005 min
Response: 561370
Conc: 228.54 ng/ml



#5 AR-1016-3

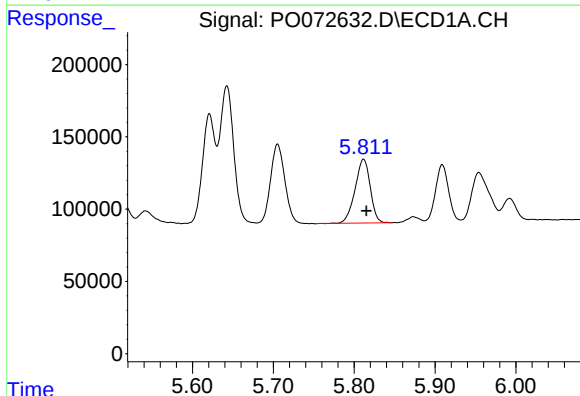
R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 663154
Conc: 248.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



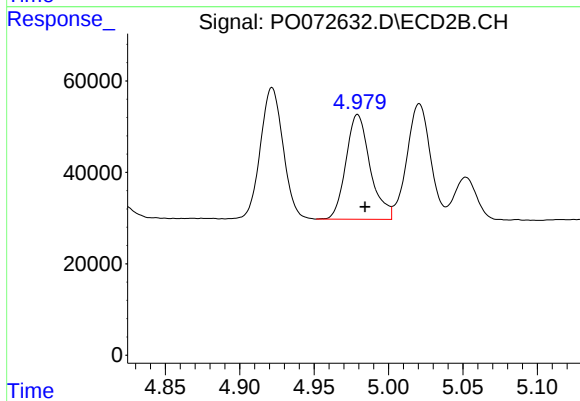
#5 AR-1016-3

R.T.: 4.922 min
Delta R.T.: -0.004 min
Response: 296331
Conc: 241.71 ng/ml



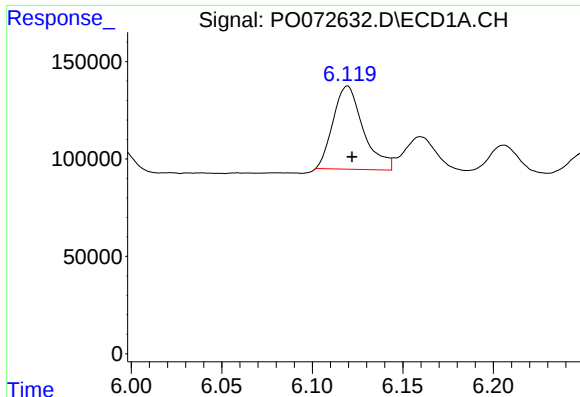
#6 AR-1016-4

R.T.: 5.812 min
Delta R.T.: -0.003 min
Response: 576794
Conc: 242.99 ng/ml



#6 AR-1016-4

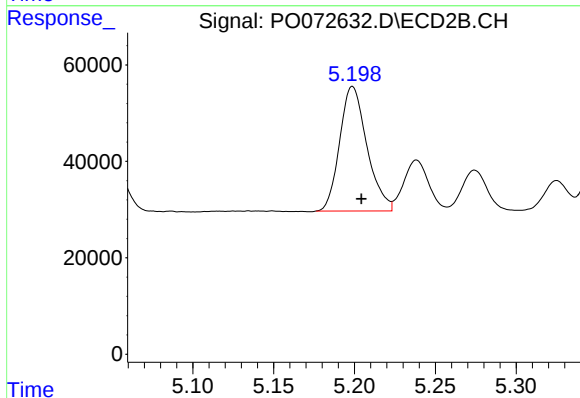
R.T.: 4.979 min
Delta R.T.: -0.005 min
Response: 260072
Conc: 247.00 ng/ml



#7 AR-1016-5

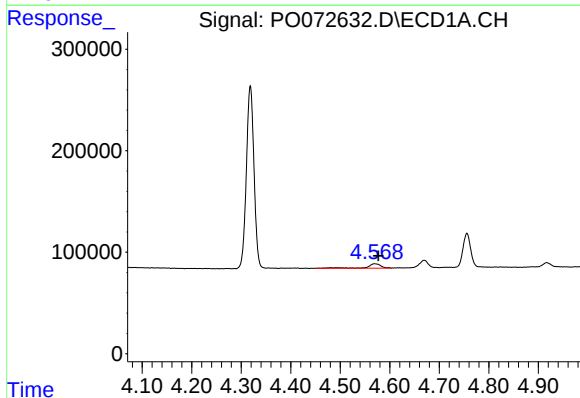
R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 495196
Conc: 243.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



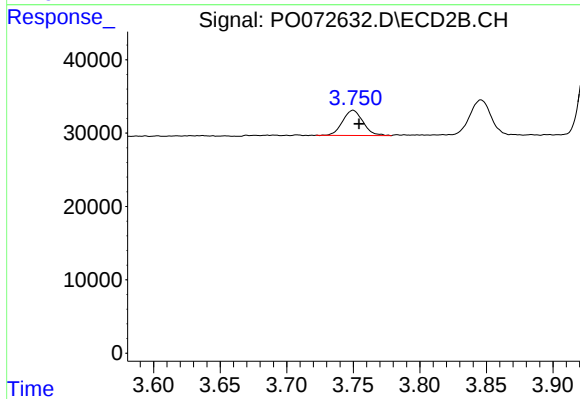
#7 AR-1016-5

R.T.: 5.199 min
Delta R.T.: -0.005 min
Response: 303305
Conc: 230.33 ng/ml



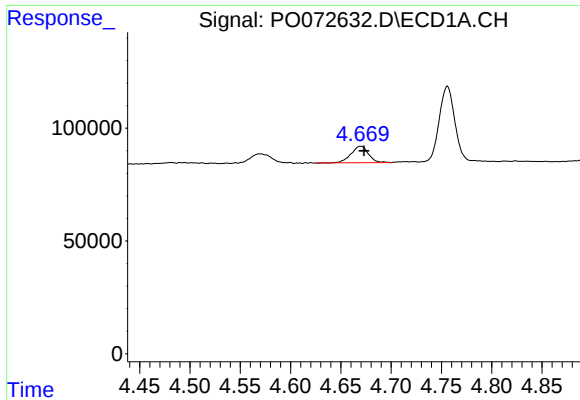
#8 AR-1221-1

R.T.: 4.570 min
Delta R.T.: -0.007 min
Response: 80953
Conc: 96.76 ng/ml



#8 AR-1221-1

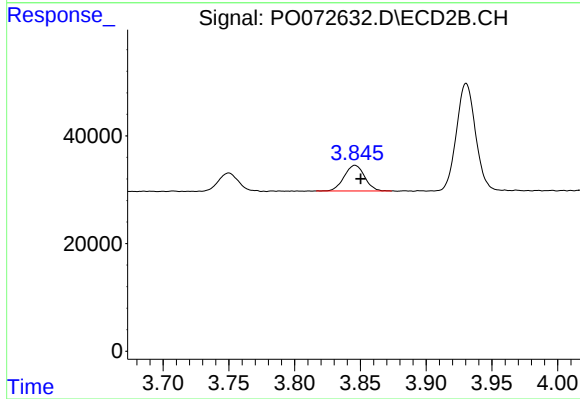
R.T.: 3.750 min
Delta R.T.: -0.004 min
Response: 36648
Conc: 73.81 ng/ml



#9 AR-1221-2

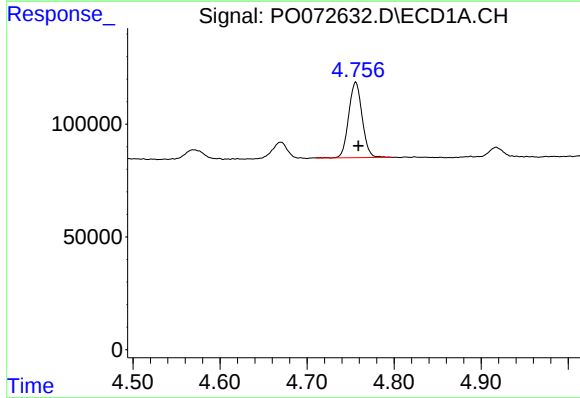
R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 89135
Conc: 140.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



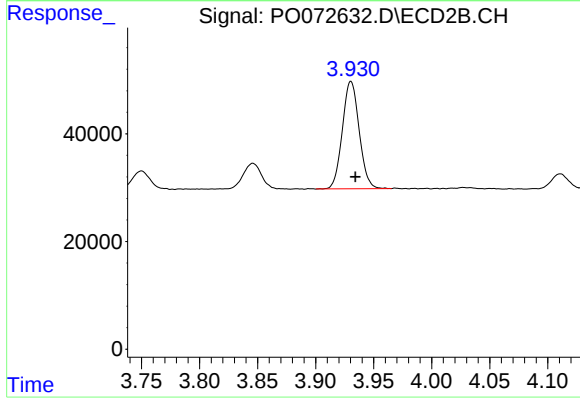
#9 AR-1221-2

R.T.: 3.846 min
Delta R.T.: -0.004 min
Response: 51484
Conc: 134.48 ng/ml



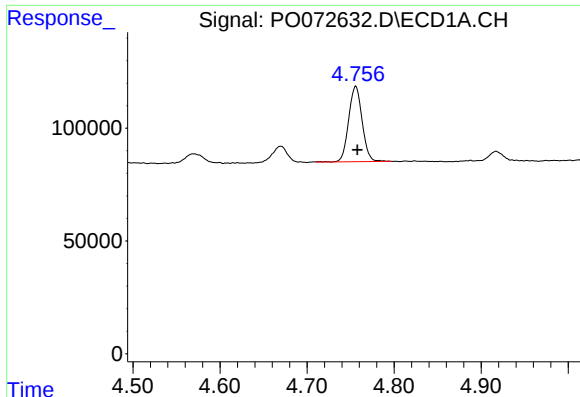
#10 AR-1221-3

R.T.: 4.756 min
Delta R.T.: -0.003 min
Response: 360801
Conc: 174.40 ng/ml



#10 AR-1221-3

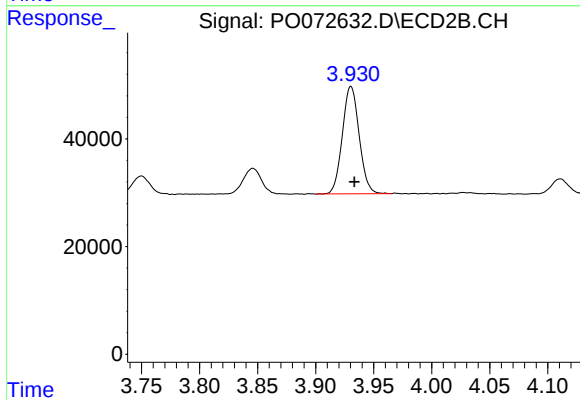
R.T.: 3.930 min
Delta R.T.: -0.004 min
Response: 201042
Conc: 177.16 ng/ml



#11 AR-1232-1

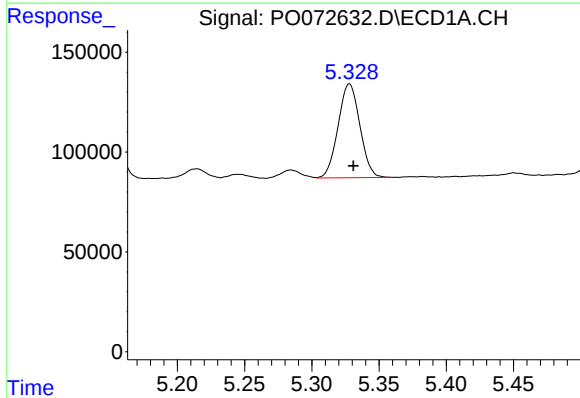
R.T.: 4.756 min
Delta R.T.: -0.002 min
Response: 360801
Conc: 205.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



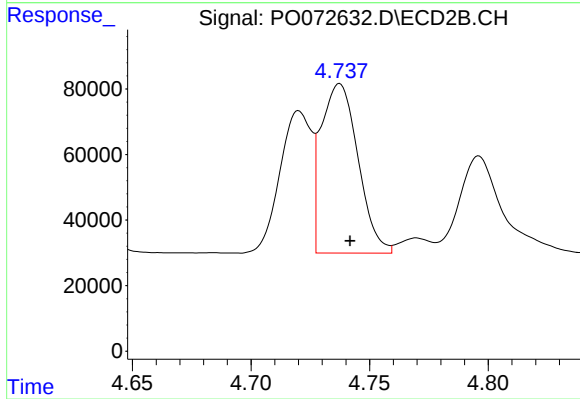
#11 AR-1232-1

R.T.: 3.930 min
Delta R.T.: -0.003 min
Response: 201042
Conc: 207.60 ng/ml



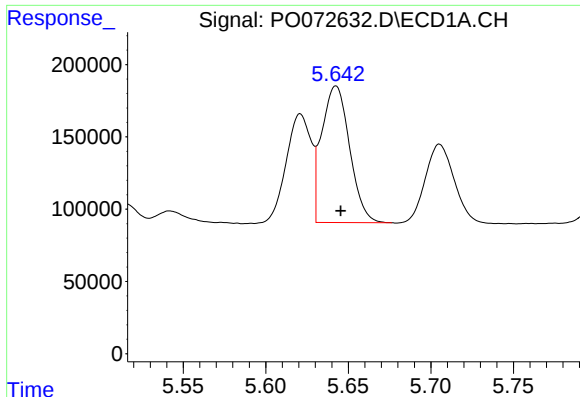
#12 AR-1232-2

R.T.: 5.328 min
Delta R.T.: -0.003 min
Response: 527090
Conc: 553.54 ng/ml



#12 AR-1232-2

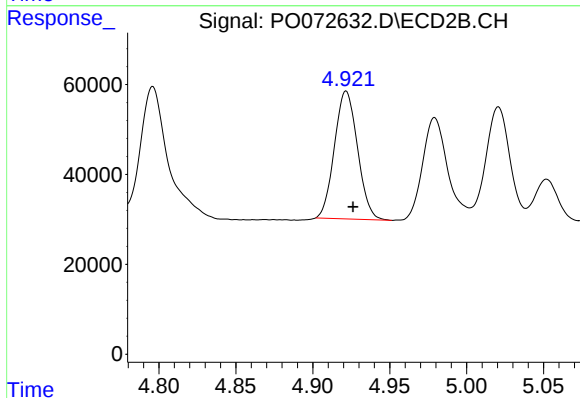
R.T.: 4.737 min
Delta R.T.: -0.004 min
Response: 561370
Conc: 541.15 ng/ml



#13 AR-1232-3

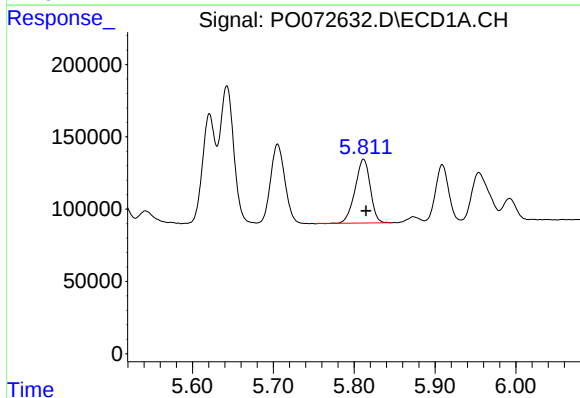
R.T.: 5.643 min
Delta R.T.: -0.003 min
Response: 1112310
Conc: 567.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



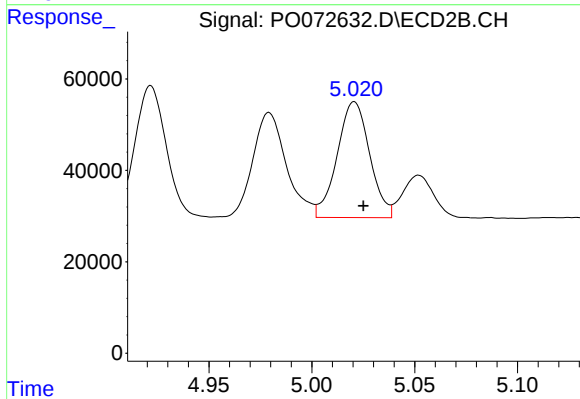
#13 AR-1232-3

R.T.: 4.922 min
Delta R.T.: -0.005 min
Response: 296331
Conc: 573.35 ng/ml



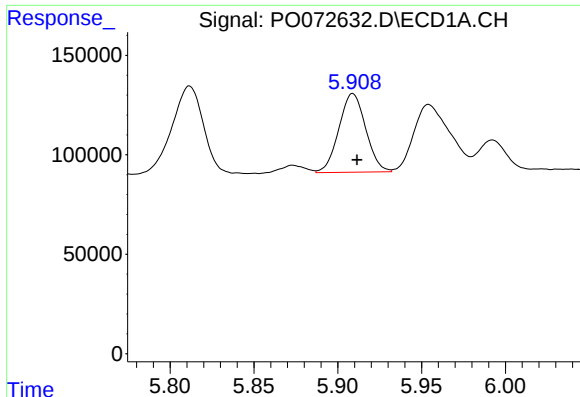
#14 AR-1232-4

R.T.: 5.812 min
Delta R.T.: -0.003 min
Response: 576794
Conc: 595.53 ng/ml



#14 AR-1232-4

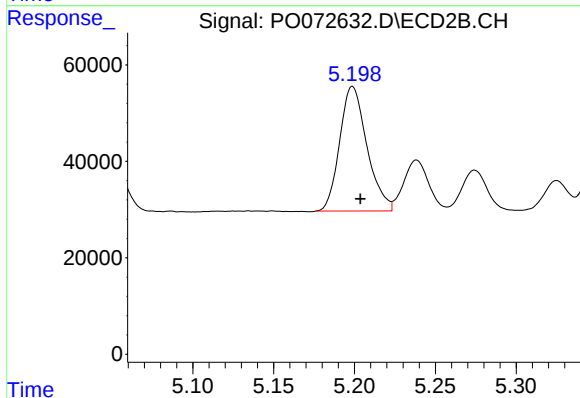
R.T.: 5.021 min
Delta R.T.: -0.004 min
Response: 279046
Conc: 633.78 ng/ml



#15 AR-1232-5

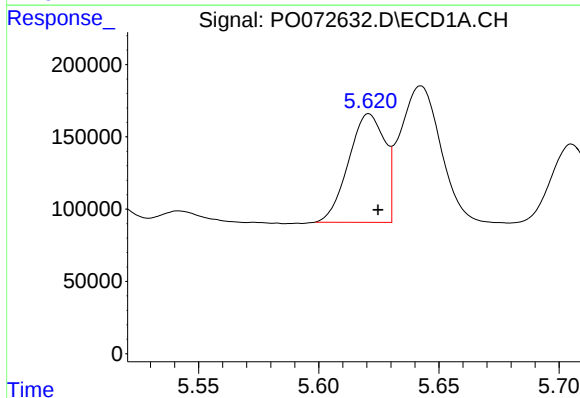
R.T.: 5.909 min
Delta R.T.: -0.003 min
Response: 440977
Conc: 735.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



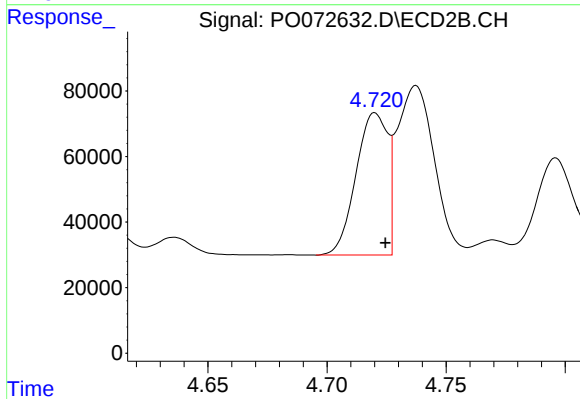
#15 AR-1232-5

R.T.: 5.199 min
Delta R.T.: -0.005 min
Response: 303305
Conc: 593.68 ng/ml



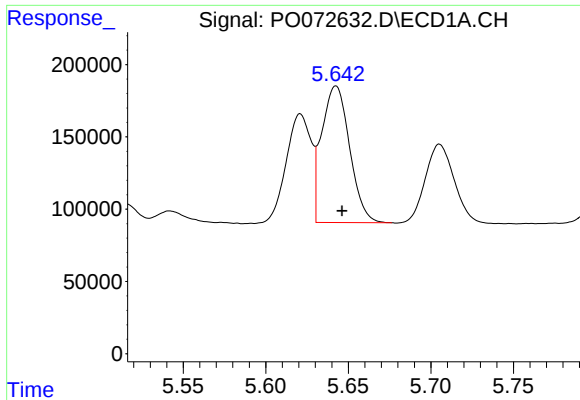
#16 AR-1242-1

R.T.: 5.621 min
Delta R.T.: -0.004 min
Response: 784782
Conc: 322.24 ng/ml



#16 AR-1242-1

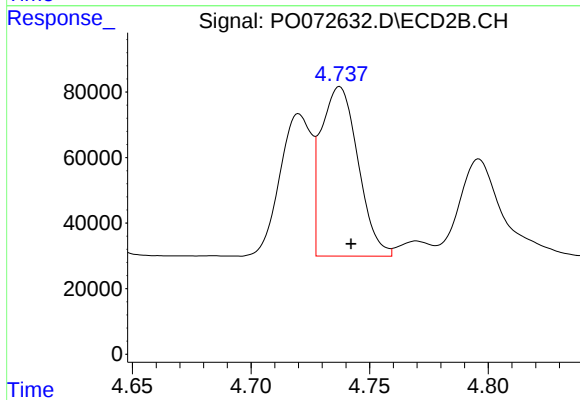
R.T.: 4.720 min
Delta R.T.: -0.004 min
Response: 401621
Conc: 310.72 ng/ml



#17 AR-1242-2

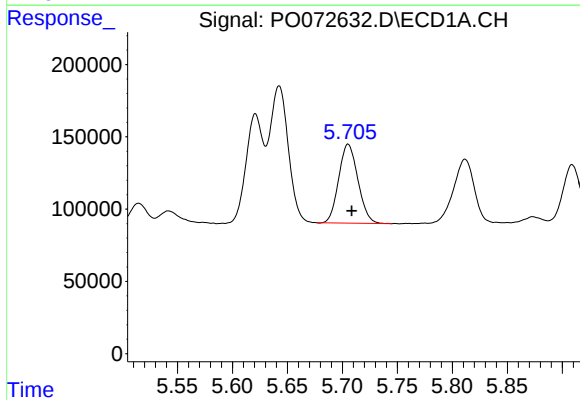
R.T.: 5.643 min
Delta R.T.: -0.004 min
Response: 1112310
Conc: 316.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



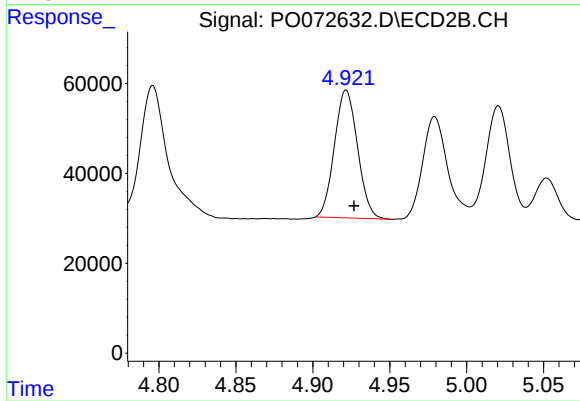
#17 AR-1242-2

R.T.: 4.737 min
Delta R.T.: -0.005 min
Response: 561370
Conc: 306.55 ng/ml



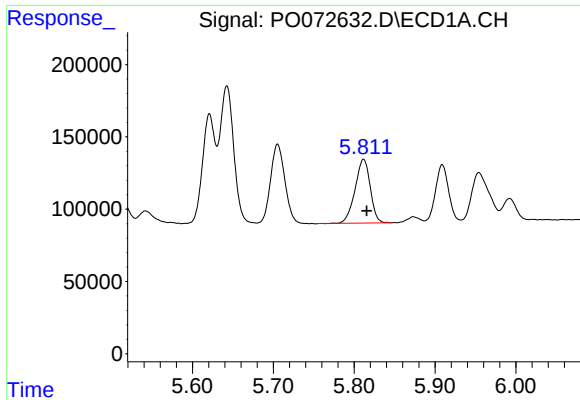
#18 AR-1242-3

R.T.: 5.705 min
Delta R.T.: -0.003 min
Response: 663154
Conc: 320.56 ng/ml



#18 AR-1242-3

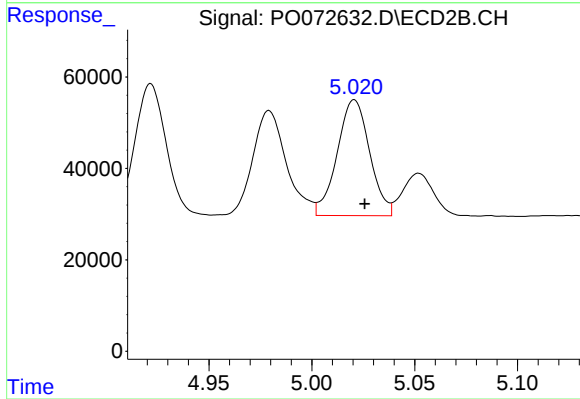
R.T.: 4.922 min
Delta R.T.: -0.005 min
Response: 296331
Conc: 314.77 ng/ml



#19 AR-1242-4

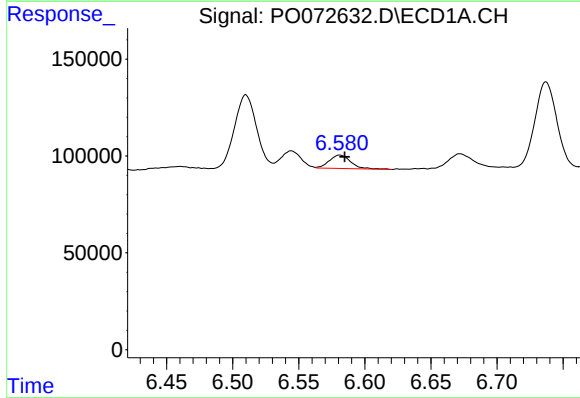
R.T.: 5.812 min
Delta R.T.: -0.004 min
Response: 576794
Conc: 332.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



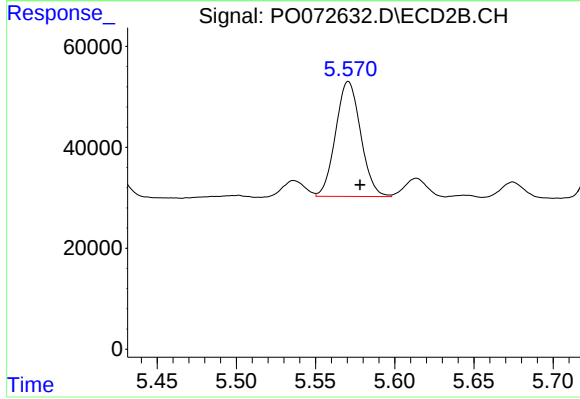
#19 AR-1242-4

R.T.: 5.021 min
Delta R.T.: -0.005 min
Response: 279046
Conc: 315.03 ng/ml



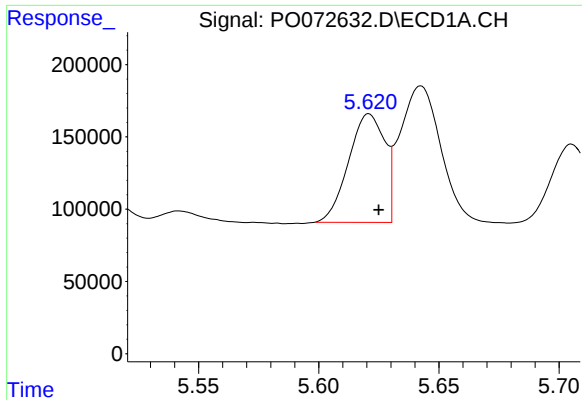
#20 AR-1242-5

R.T.: 6.581 min
Delta R.T.: -0.004 min
Response: 79006
Conc: 33.89 ng/ml



#20 AR-1242-5

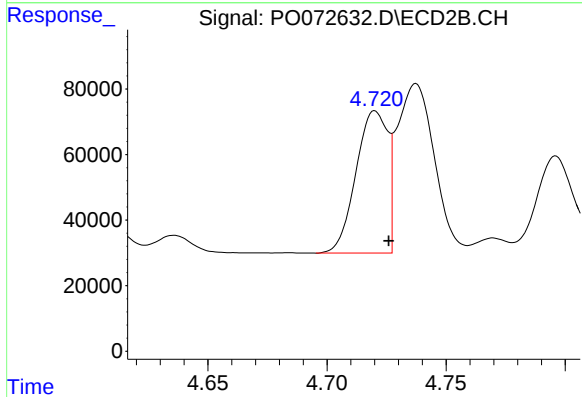
R.T.: 5.571 min
Delta R.T.: -0.007 min
Response: 250598
Conc: 182.53 ng/ml



#21 AR-1248-1

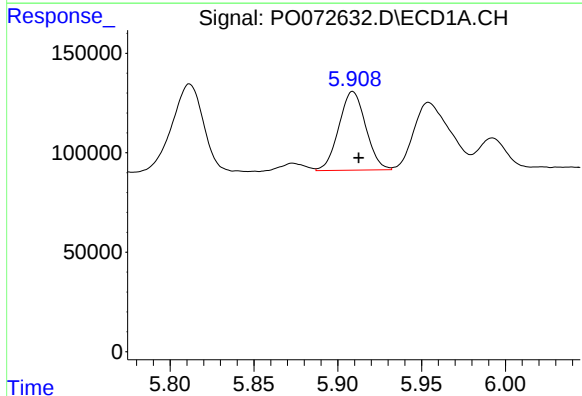
R.T.: 5.621 min
Delta R.T.: -0.004 min
Response: 784782
Conc: 419.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



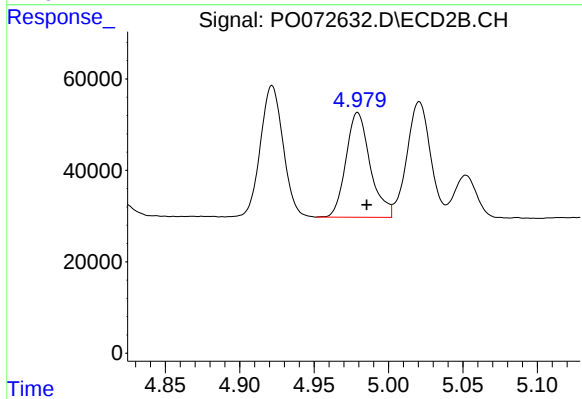
#21 AR-1248-1

R.T.: 4.720 min
Delta R.T.: -0.006 min
Response: 401621
Conc: 394.86 ng/ml



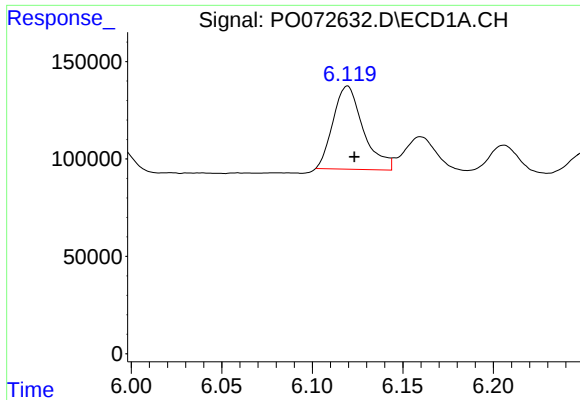
#22 AR-1248-2

R.T.: 5.909 min
Delta R.T.: -0.003 min
Response: 440977
Conc: 176.25 ng/ml



#22 AR-1248-2

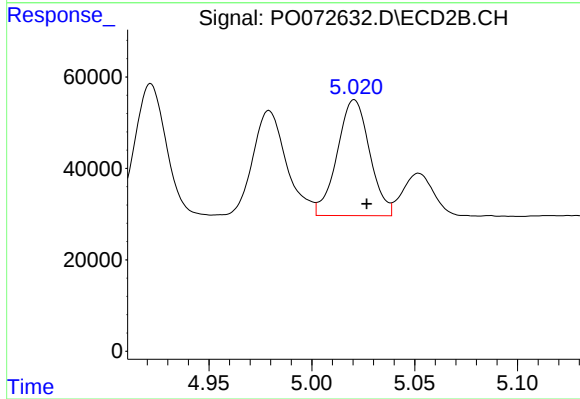
R.T.: 4.979 min
Delta R.T.: -0.006 min
Response: 260072
Conc: 182.39 ng/ml



#23 AR-1248-3

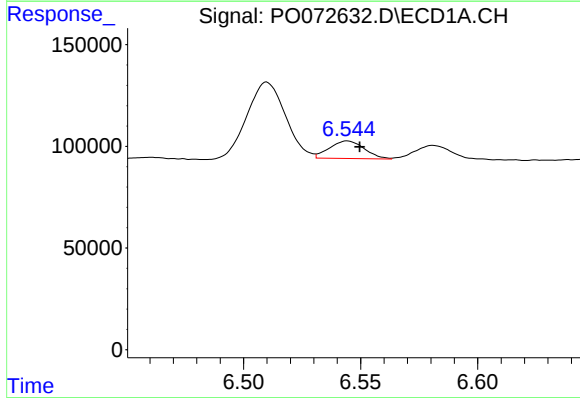
R.T.: 6.119 min
Delta R.T.: -0.004 min
Response: 495196
Conc: 170.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



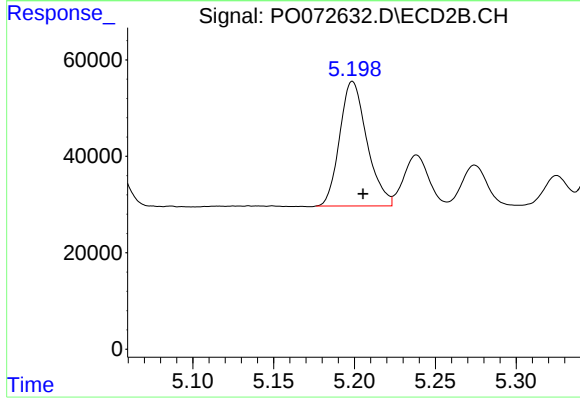
#23 AR-1248-3

R.T.: 5.021 min
Delta R.T.: -0.006 min
Response: 279046
Conc: 207.78 ng/ml



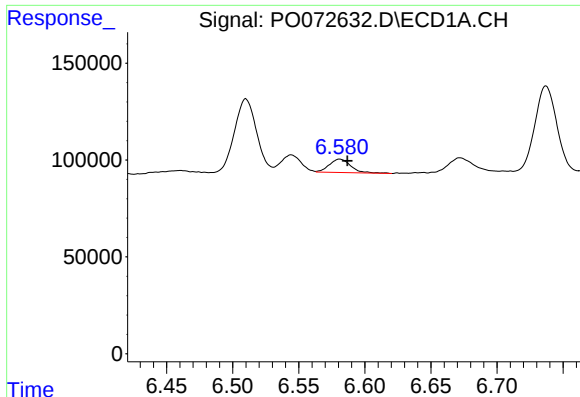
#24 AR-1248-4

R.T.: 6.544 min
Delta R.T.: -0.005 min
Response: 89463
Conc: 20.23 ng/ml



#24 AR-1248-4

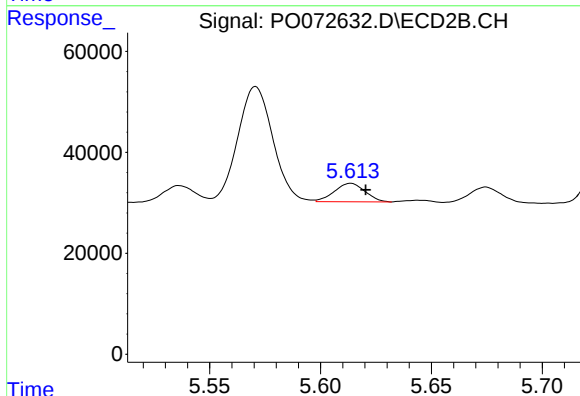
R.T.: 5.199 min
Delta R.T.: -0.006 min
Response: 303305
Conc: 180.61 ng/ml



#25 AR-1248-5

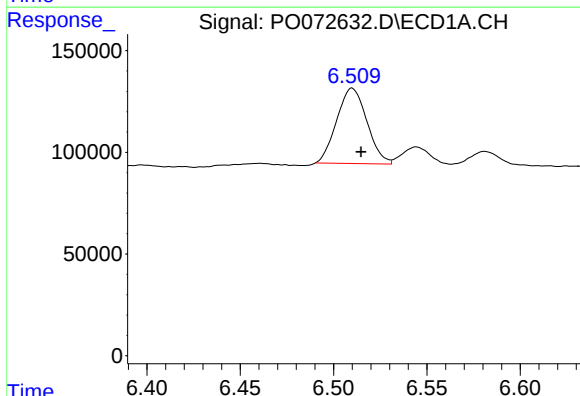
R.T.: 6.581 min
Delta R.T.: -0.006 min
Response: 79006
Conc: 20.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



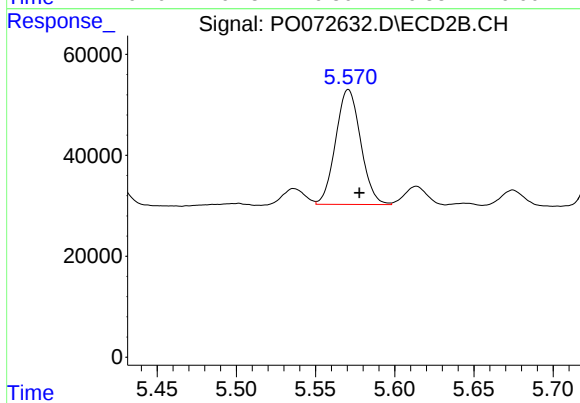
#25 AR-1248-5

R.T.: 5.614 min
Delta R.T.: -0.007 min
Response: 35248
Conc: 19.08 ng/ml



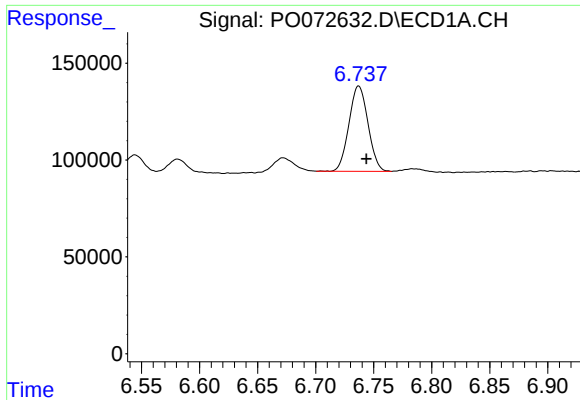
#26 AR-1254-1

R.T.: 6.510 min
Delta R.T.: -0.005 min
Response: 418019
Conc: 98.95 ng/ml



#26 AR-1254-1

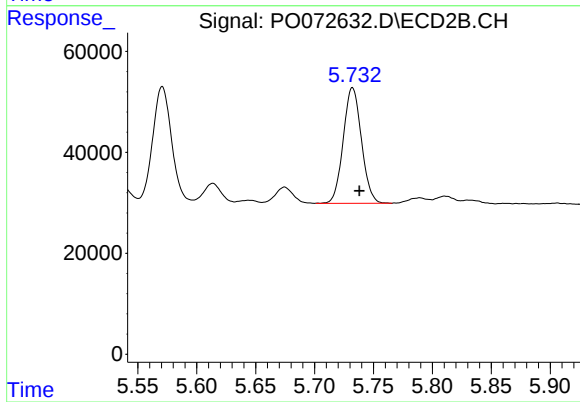
R.T.: 5.571 min
Delta R.T.: -0.007 min
Response: 250598
Conc: 90.66 ng/ml



#27 AR-1254-2

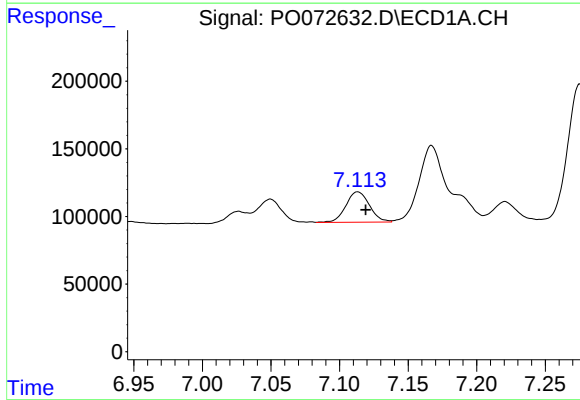
R.T.: 6.737 min
Delta R.T.: -0.007 min
Response: 502405
Conc: 77.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



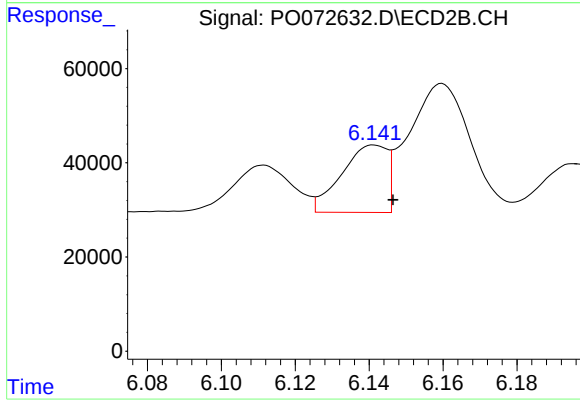
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: -0.006 min
Response: 246606
Conc: 101.43 ng/ml



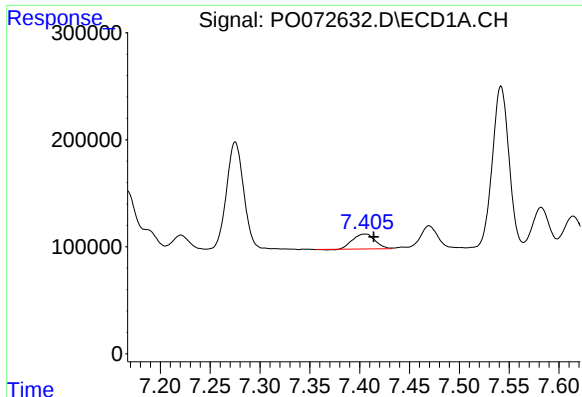
#28 AR-1254-3

R.T.: 7.113 min
Delta R.T.: -0.006 min
Response: 270715
Conc: 39.83 ng/ml



#28 AR-1254-3

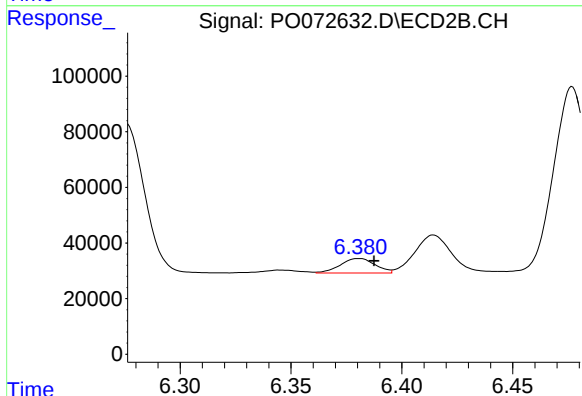
R.T.: 6.141 min
Delta R.T.: -0.005 min
Response: 122461
Conc: 31.82 ng/ml



#29 AR-1254-4

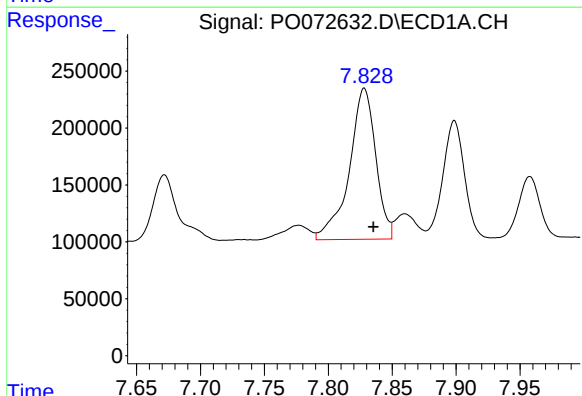
R.T.: 7.405 min
Delta R.T.: -0.009 min
Response: 217430
Conc: 32.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



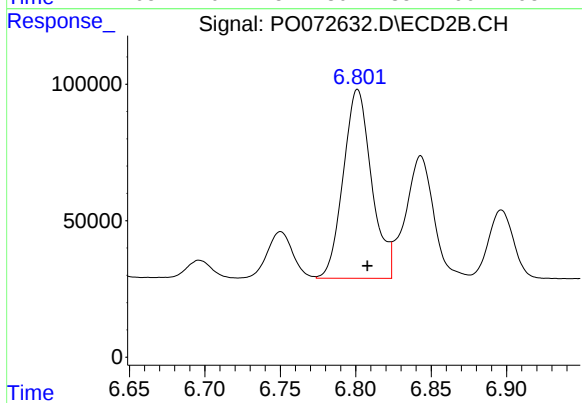
#29 AR-1254-4

R.T.: 6.381 min
Delta R.T.: -0.007 min
Response: 57085
Conc: 21.26 ng/ml



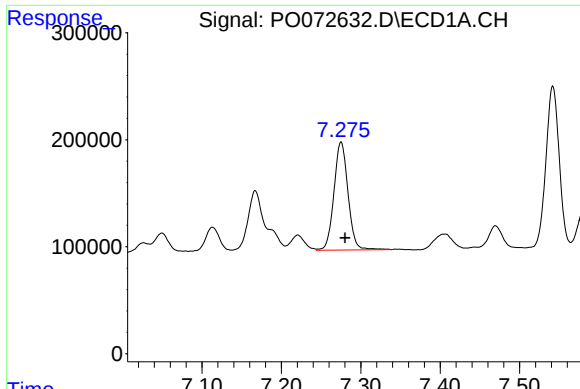
#30 AR-1254-5

R.T.: 7.828 min
Delta R.T.: -0.007 min
Response: 1915066
Conc: 298.96 ng/ml



#30 AR-1254-5

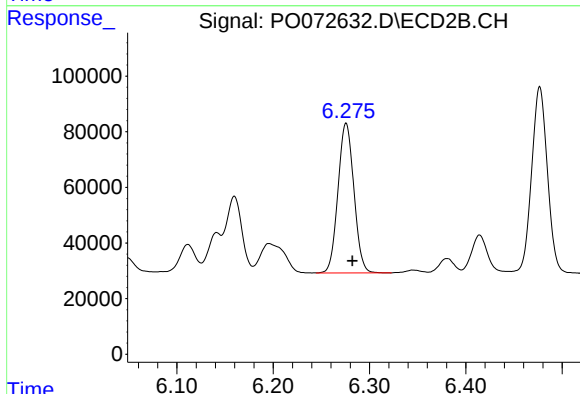
R.T.: 6.801 min
Delta R.T.: -0.007 min
Response: 906506
Conc: 247.36 ng/ml



#31 AR-1260-1

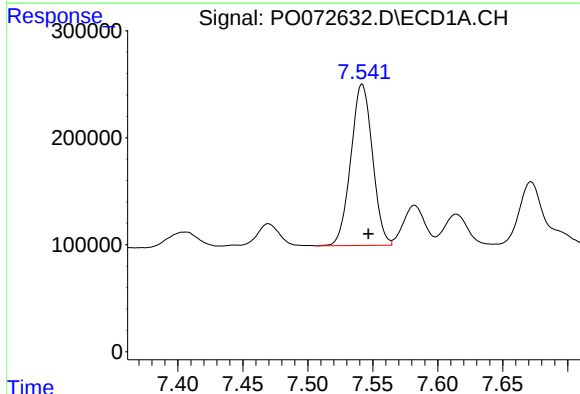
R.T.: 7.275 min
Delta R.T.: -0.005 min
Response: 1245870
Conc: 255.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



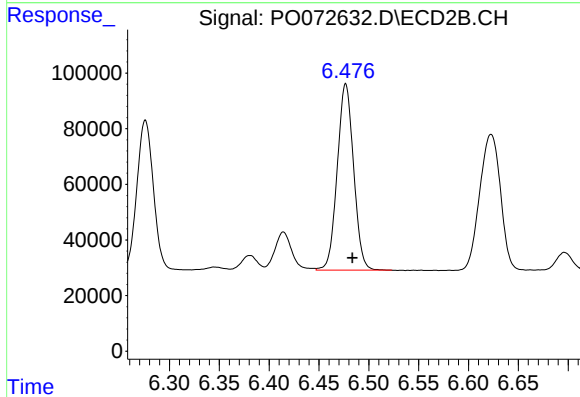
#31 AR-1260-1

R.T.: 6.276 min
Delta R.T.: -0.006 min
Response: 617073
Conc: 241.21 ng/ml



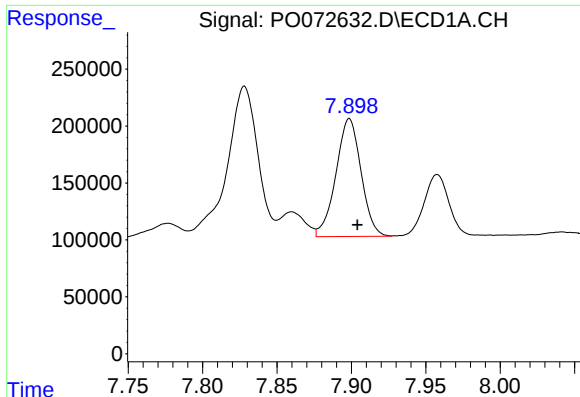
#32 AR-1260-2

R.T.: 7.542 min
Delta R.T.: -0.005 min
Response: 1748260
Conc: 227.85 ng/ml



#32 AR-1260-2

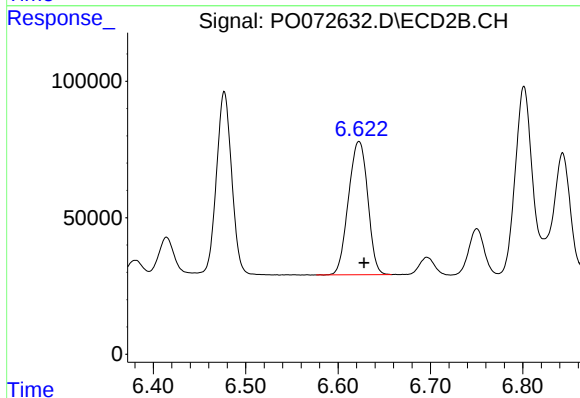
R.T.: 6.477 min
Delta R.T.: -0.007 min
Response: 766367
Conc: 237.67 ng/ml



#33 AR-1260-3

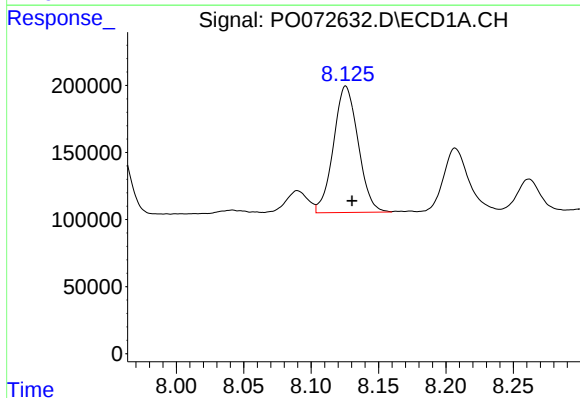
R.T.: 7.899 min
Delta R.T.: -0.005 min
Response: 1217264
Conc: 189.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



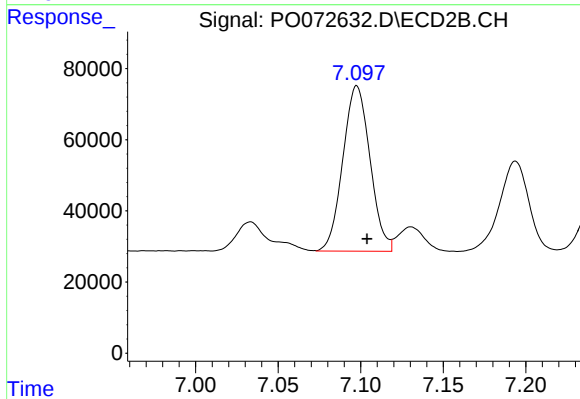
#33 AR-1260-3

R.T.: 6.623 min
Delta R.T.: -0.006 min
Response: 708708
Conc: 236.14 ng/ml



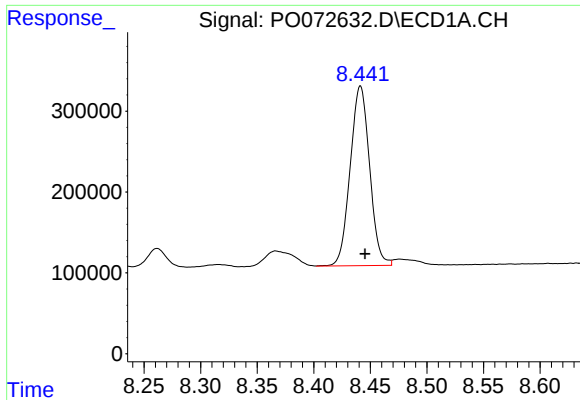
#34 AR-1260-4

R.T.: 8.126 min
Delta R.T.: -0.005 min
Response: 1201817
Conc: 197.47 ng/ml



#34 AR-1260-4

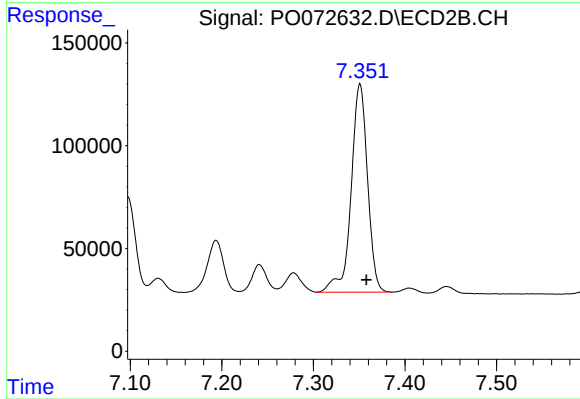
R.T.: 7.098 min
Delta R.T.: -0.006 min
Response: 532275
Conc: 201.89 ng/ml



#35 AR-1260-5

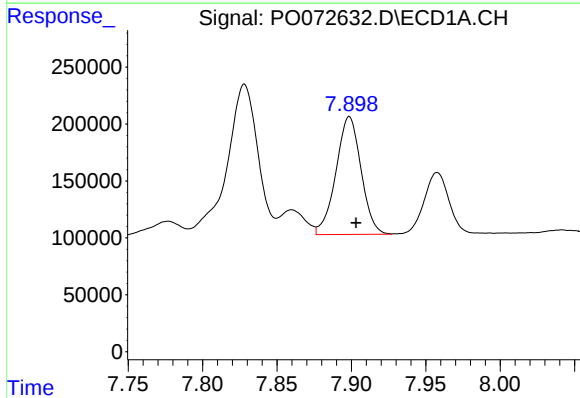
R.T.: 8.441 min
Delta R.T.: -0.004 min
Response: 2653671
Conc: 182.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



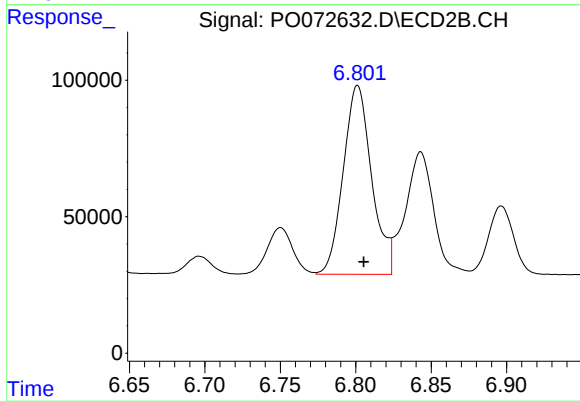
#35 AR-1260-5

R.T.: 7.351 min
Delta R.T.: -0.007 min
Response: 1264198
Conc: 193.50 ng/ml



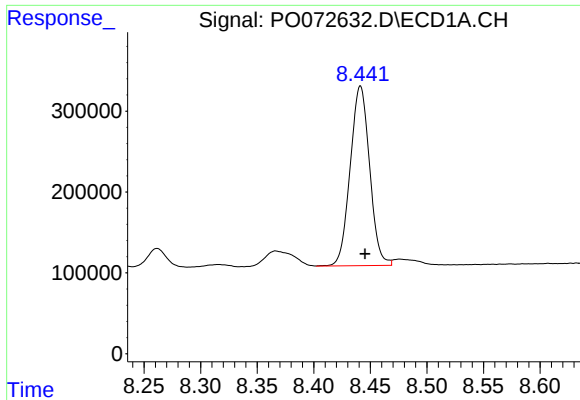
#36 AR-1262-1

R.T.: 7.899 min
Delta R.T.: -0.004 min
Response: 1217264
Conc: 128.35 ng/ml



#36 AR-1262-1

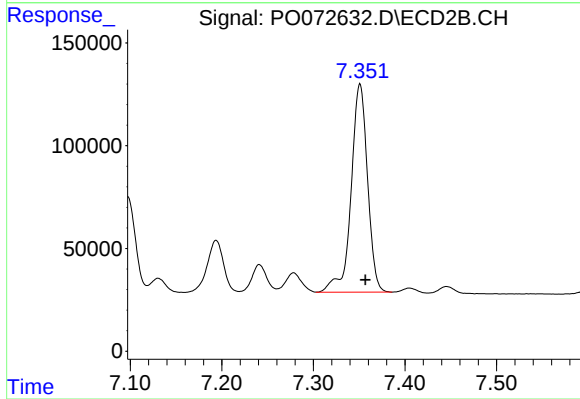
R.T.: 6.801 min
Delta R.T.: -0.004 min
Response: 906506
Conc: 475.08 ng/ml



#37 AR-1262-2

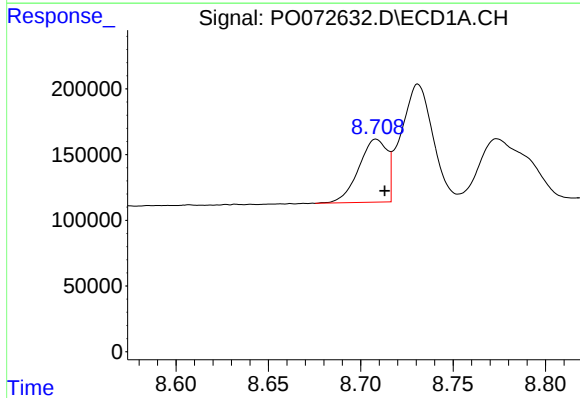
R.T.: 8.441 min
Delta R.T.: -0.004 min
Response: 2653671
Conc: 166.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



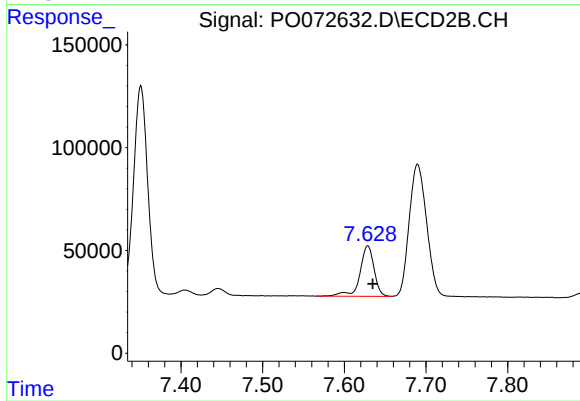
#37 AR-1262-2

R.T.: 7.351 min
Delta R.T.: -0.006 min
Response: 1264198
Conc: 189.28 ng/ml



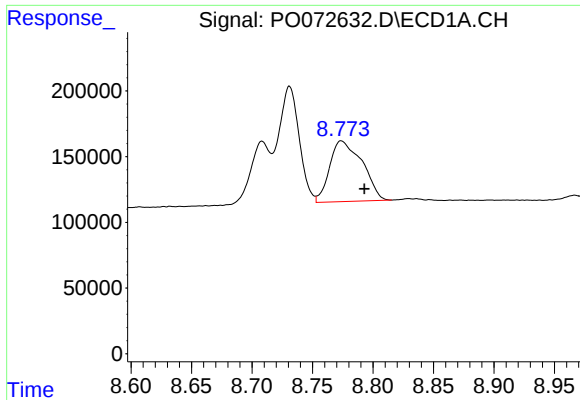
#38 AR-1262-3

R.T.: 8.708 min
Delta R.T.: -0.005 min
Response: 511671
Conc: 73.22 ng/ml



#38 AR-1262-3

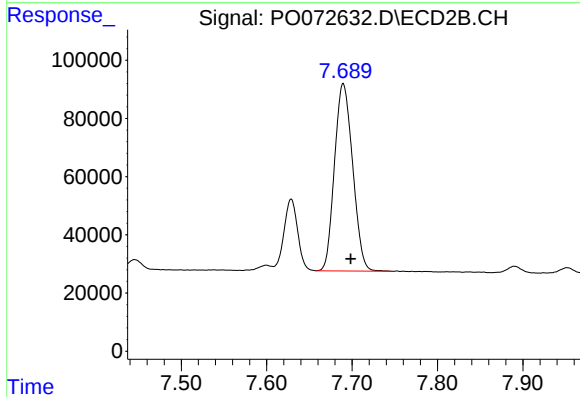
R.T.: 7.629 min
Delta R.T.: -0.006 min
Response: 293482
Conc: 102.98 ng/ml



#39 AR-1262-4

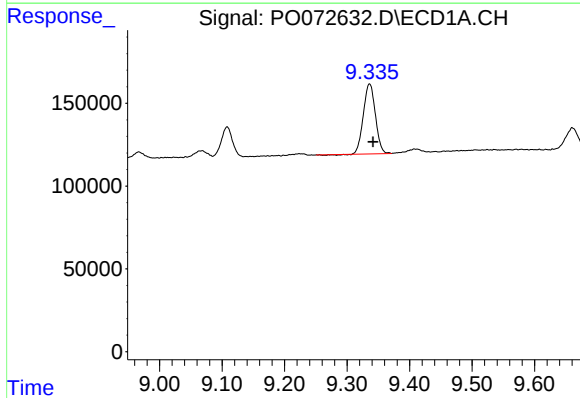
R.T.: 8.774 min
Delta R.T.: -0.019 min
Response: 864776
Conc: 216.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



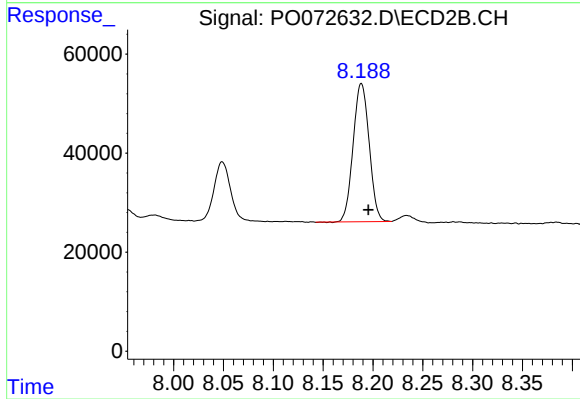
#39 AR-1262-4

R.T.: 7.690 min
Delta R.T.: -0.009 min
Response: 951721
Conc: 184.66 ng/ml



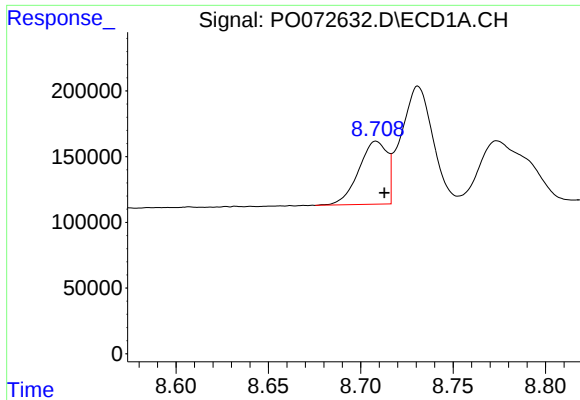
#40 AR-1262-5

R.T.: 9.336 min
Delta R.T.: -0.006 min
Response: 563882
Conc: 105.99 ng/ml



#40 AR-1262-5

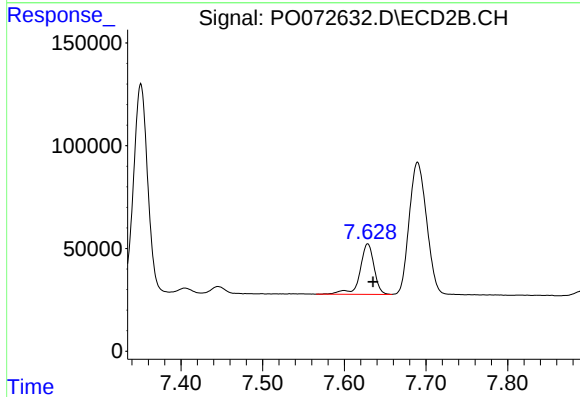
R.T.: 8.188 min
Delta R.T.: -0.007 min
Response: 312442
Conc: 123.72 ng/ml



#41 AR-1268-1

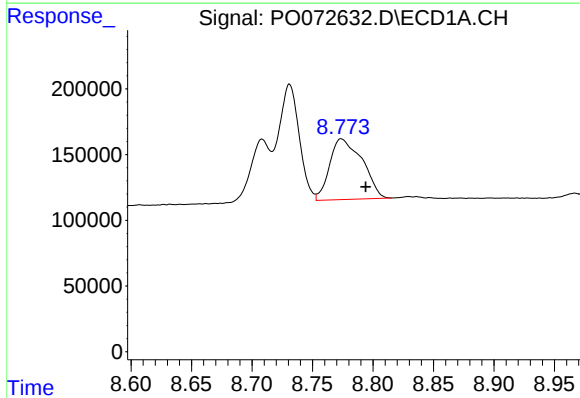
R.T.: 8.708 min
Delta R.T.: -0.004 min
Response: 511671
Conc: 26.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



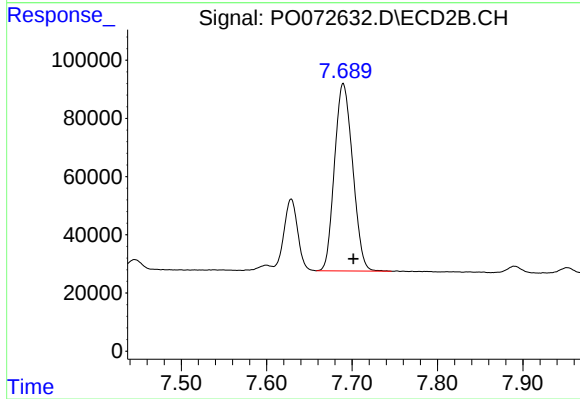
#41 AR-1268-1

R.T.: 7.629 min
Delta R.T.: -0.006 min
Response: 293482
Conc: 37.01 ng/ml



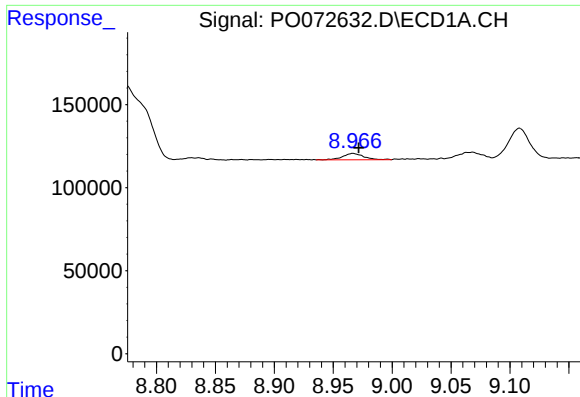
#42 AR-1268-2

R.T.: 8.774 min
Delta R.T.: -0.020 min
Response: 864776
Conc: 52.38 ng/ml



#42 AR-1268-2

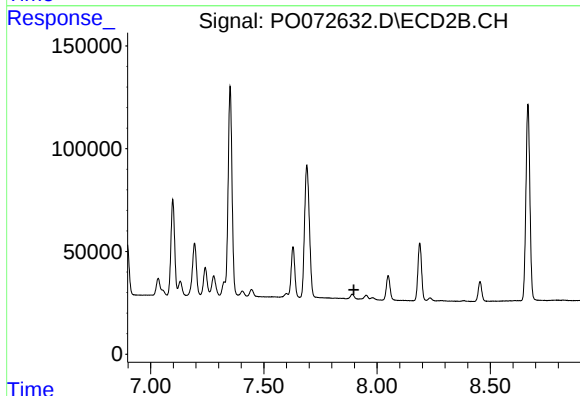
R.T.: 7.690 min
Delta R.T.: -0.012 min
Response: 951721
Conc: 130.81 ng/ml



#43 AR-1268-3

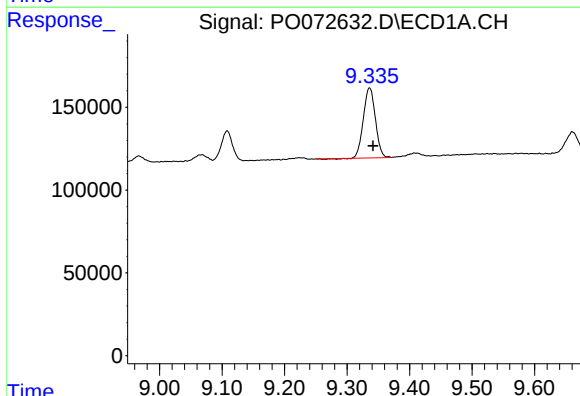
R.T.: 8.967 min
Delta R.T.: -0.005 min
Response: 47020
Conc: 3.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



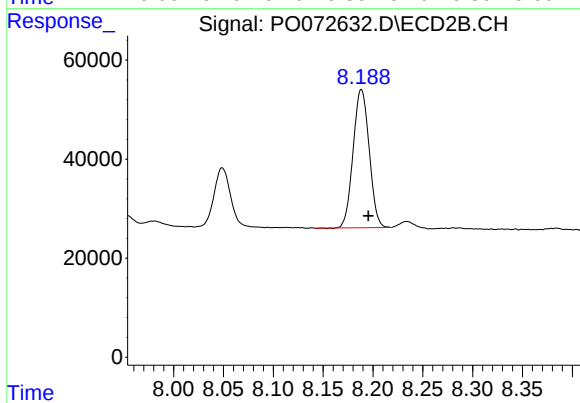
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.898 min
Response: 0
Conc: N.D.



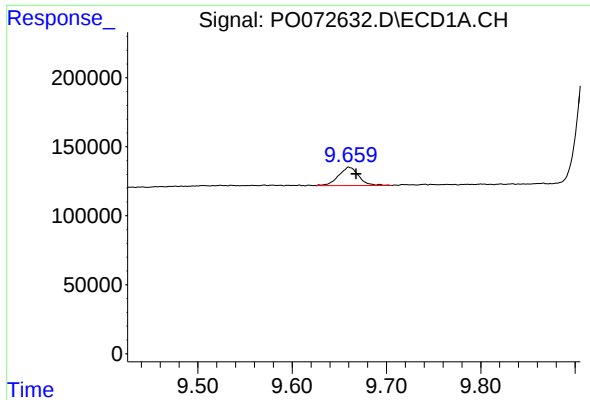
#44 AR-1268-4

R.T.: 9.336 min
Delta R.T.: -0.006 min
Response: 563882
Conc: 94.51 ng/ml



#44 AR-1268-4

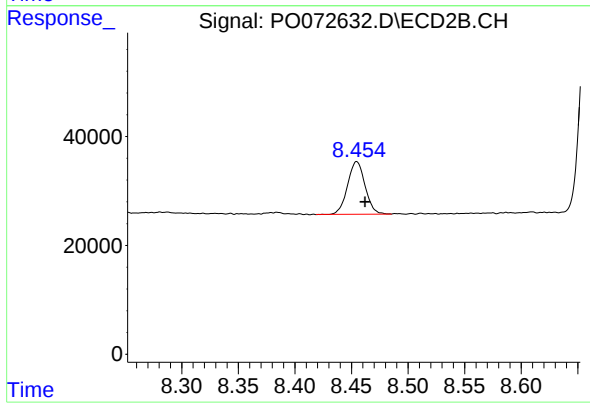
R.T.: 8.188 min
Delta R.T.: -0.007 min
Response: 312442
Conc: 110.52 ng/ml



#45 AR-1268-5

R.T.: 9.660 min
Delta R.T.: -0.007 min
Response: 199912
Conc: 4.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.455 min
Delta R.T.: -0.007 min
Response: 103826
Conc: 5.40 ng/ml