

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0020119\
 Data File : P0053628.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 01 Feb 2019 10:01
 Operator : SM/SJ
 Sample : PB116713BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 10:38:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0013019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 01 08:56:03 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...	4.101	3.164	34609129	5068381	17.757	21.131
2)	SA Decachlor...	9.491	7.771	20528158	5651839	21.063	22.634
Target Compounds							
3)	L1 AR-1016-1	5.241	4.141	9699293	2175356	215.410	247.257
4)	L1 AR-1016-2	5.261	4.155	14389654	3347719	213.532	237.136
5)	L1 AR-1016-3	5.322	4.313	8655660	1782120	218.095	225.804
6)	L1 AR-1016-4	5.420	4.355	7150427	1330265	224.681	254.385
7)	L1 AR-1016-5	5.704	4.545	6333963	1744846	225.758	240.015
9)	L2 AR-1221-2	4.395	3.433	1466824	261860	122.560	146.777
10)	L2 AR-1221-3	4.471	3.500	5304777	1060562	134.684	168.418 #
11)	L3 AR-1232-1	4.471	3.500	5304777	1060562	165.178	198.056
12)	L3 AR-1232-2	4.980	4.155	7001783	3347719	460.226	527.136
13)	L3 AR-1232-3	5.261	4.313	14389654	1782120	491.137	505.022
14)	L3 AR-1232-4	5.420	4.390	7150427	1635132	505.132	638.919 #
15)	L3 AR-1232-5	5.503	4.545	5414107	1744846	675.681	554.948
16)	L4 AR-1242-1	5.241	4.141	9699293	2175356	265.659	286.386
17)	L4 AR-1242-2	5.261	4.155	14389654	3347719	271.239	288.334
18)	L4 AR-1242-3	5.322	4.313	8655660	1782120	273.909	283.948
19)	L4 AR-1242-4	5.420	4.390	7150427	1635132	279.035	304.889
20)	L4 AR-1242-5	0.000	4.867	0	1334942	N.D.	175.194 #
21)	L5 AR-1248-1	5.241	4.141	9699293	2175356	354.442	379.609
22)	L5 AR-1248-2	5.503	4.355	5414107	1330265	164.330	175.364
23)	L5 AR-1248-3	5.704	4.390	6333963	1635132	165.442	208.696 #
24)	L5 AR-1248-4	6.069	4.545	3675568	1744846	87.575	175.739 #
25)	L5 AR-1248-5	0.000	4.867	0	1334942	N.D.	128.923 #
26)	L6 AR-1254-1	6.069	4.867	3675568	1334942	87.419	81.967
27)	L6 AR-1254-2	6.282	5.007	4737539	1323514	72.582	95.960 #
28)	L6 AR-1254-3	6.645	5.390	2425733	2390639	35.431	109.369 #
29)	L6 AR-1254-4	6.925	5.599	1614026	261288	31.668	18.408 #
30)	L6 AR-1254-5	7.337	5.987	15083742	4548329	315.131	243.492
31)	L7 AR-1260-1	6.801	5.498	10611746	3402473	217.704	223.451
32)	L7 AR-1260-2	7.053	5.682	13103330	4179234	210.851	225.397
33)	L7 AR-1260-3	7.404	5.818	8641083	3765867	220.903	220.294
34)	L7 AR-1260-4	7.629	6.263	9089983	2593798	210.360	235.536
35)	L7 AR-1260-5	7.934	6.505	19129931	6013639	210.150	220.838
36)	L8 AR-1262-1	7.404	6.021	8641083	3009555	125.940	151.963
37)	L8 AR-1262-2	7.934	6.505	19129931	6013639	158.772	177.074
38)	L8 AR-1262-3	8.231	6.768	7553124	1254929	306.280	96.531 #
39)	L8 AR-1262-4	8.274	6.830	7051547	4372579	113.757	178.646 #
40)	L8 AR-1262-5	8.869	7.315	4844579	1383225	114.702	123.739
41)	L9 AR-1268-1	8.205	6.768	4067905	1254929	27.455	32.500
42)	L9 AR-1268-2	8.274	6.830	7051547	4372579	50.243	119.574 #

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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
44) L9	AR-1268-4	8.869	7.315	4844579	1383225	101.906	111.068
45) L9	AR-1268-5	9.217	7.570	1594020	500559	4.251	5.336 #

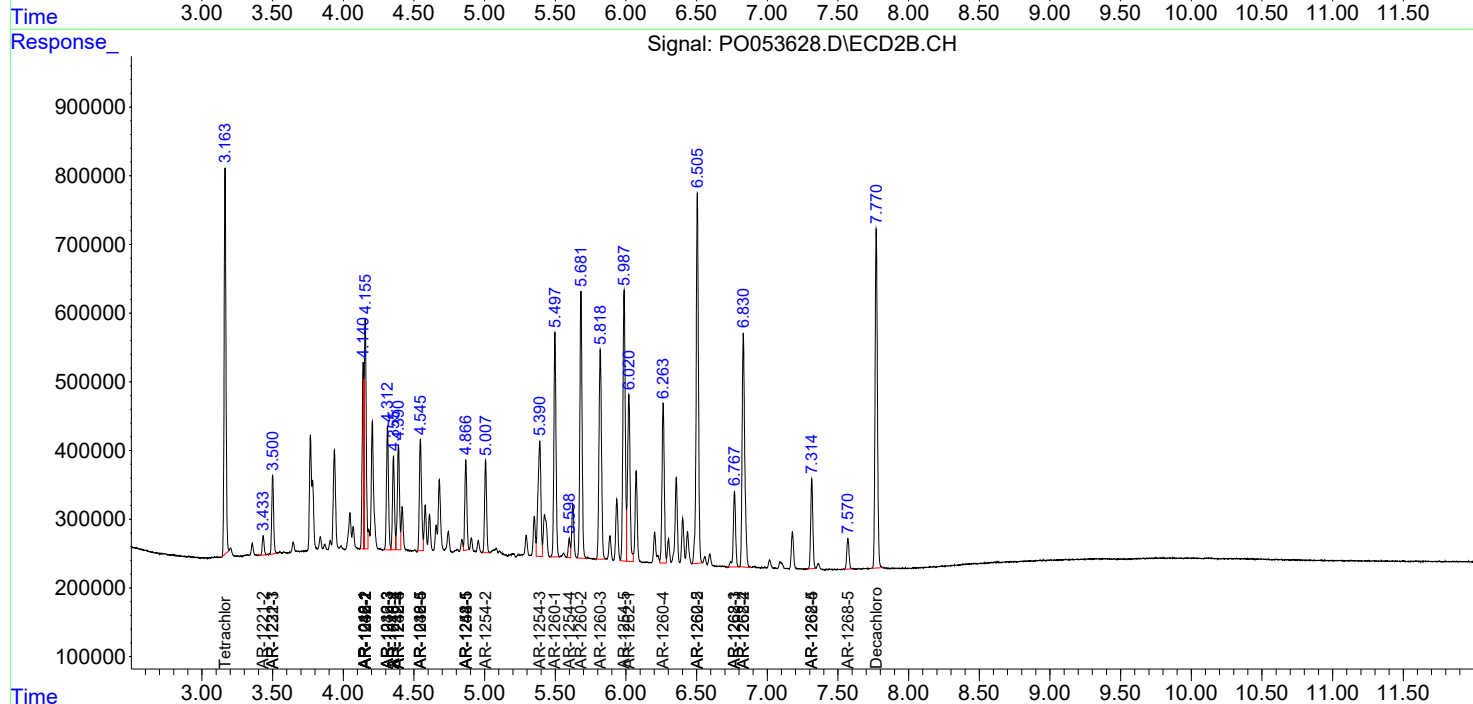
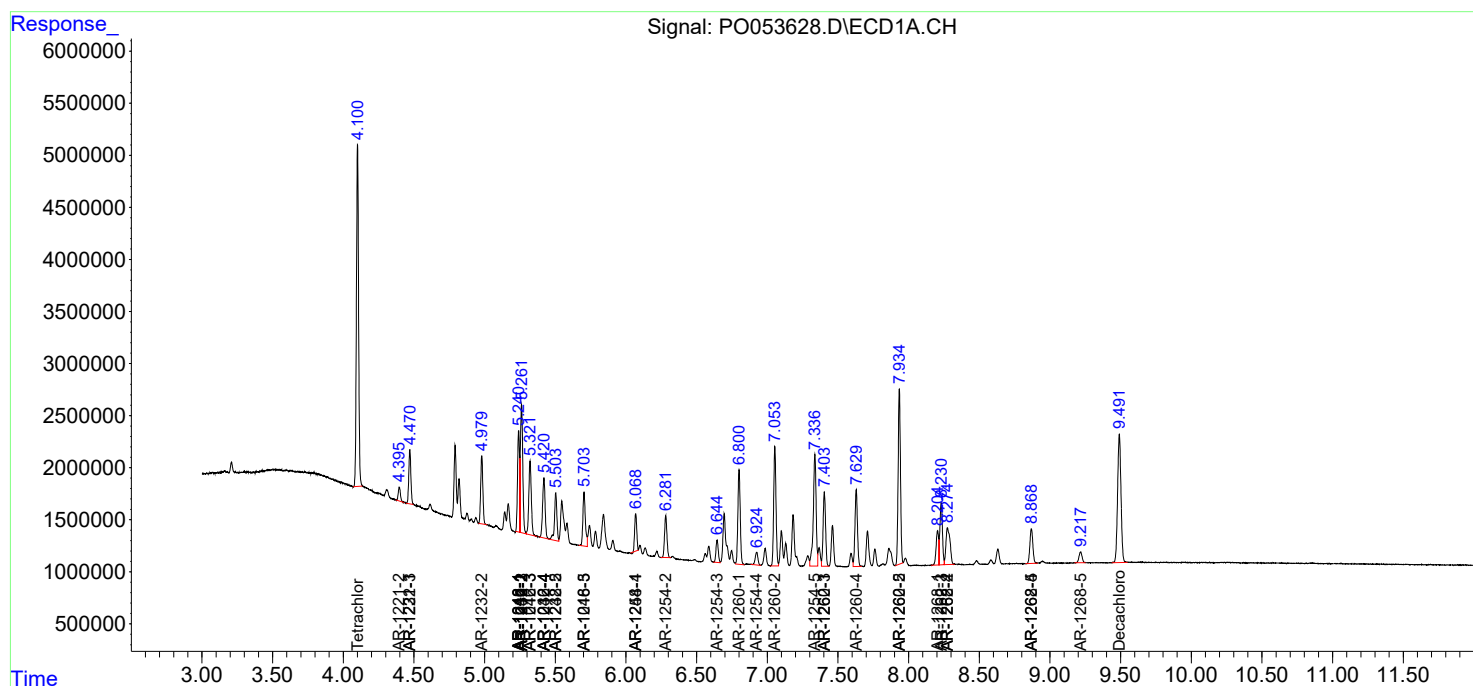
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

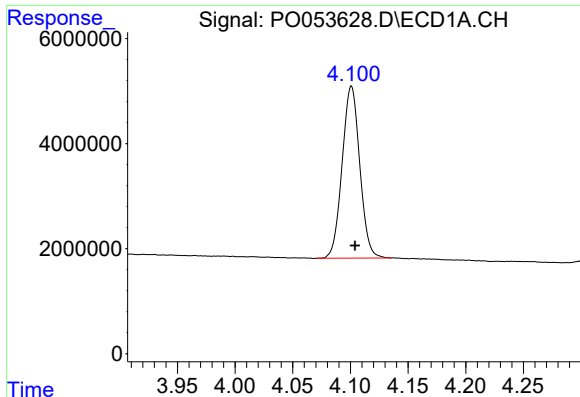
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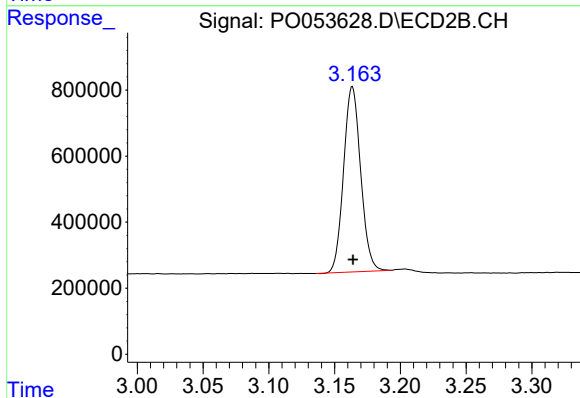




#1 Tetrachloro-m-xylene

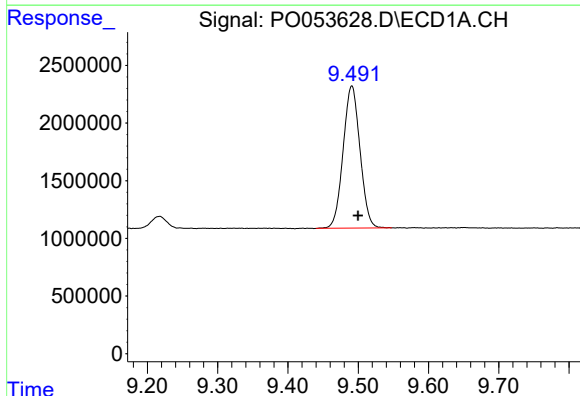
R.T.: 4.101 min
Delta R.T.: -0.003 min
Response: 34609129
Conc: 17.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



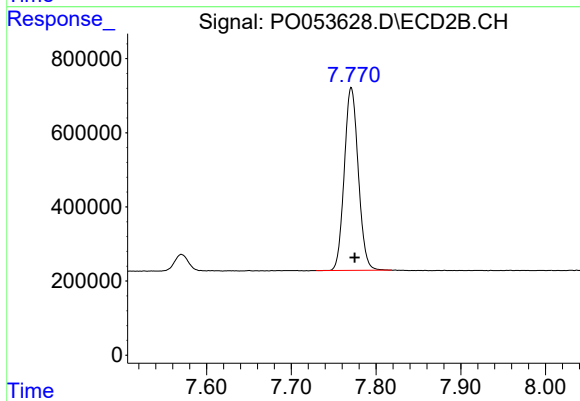
#1 Tetrachloro-m-xylene

R.T.: 3.164 min
Delta R.T.: 0.000 min
Response: 5068381
Conc: 21.13 ng/ml



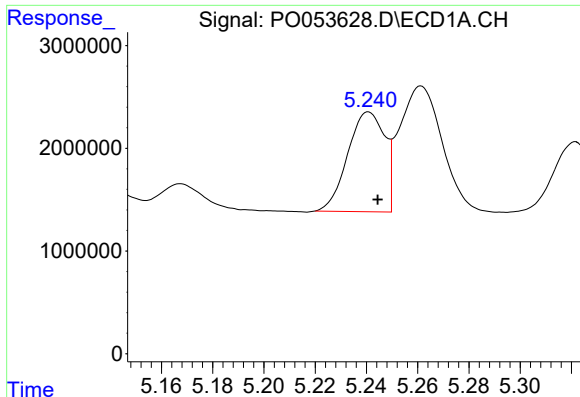
#2 Decachlorobiphenyl

R.T.: 9.491 min
Delta R.T.: -0.009 min
Response: 20528158
Conc: 21.06 ng/ml



#2 Decachlorobiphenyl

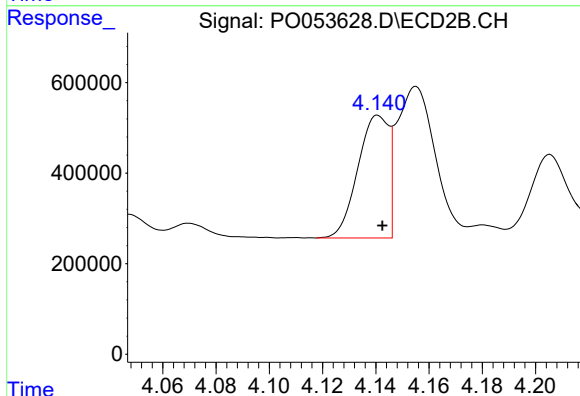
R.T.: 7.771 min
Delta R.T.: -0.004 min
Response: 5651839
Conc: 22.63 ng/ml



#3 AR-1016-1

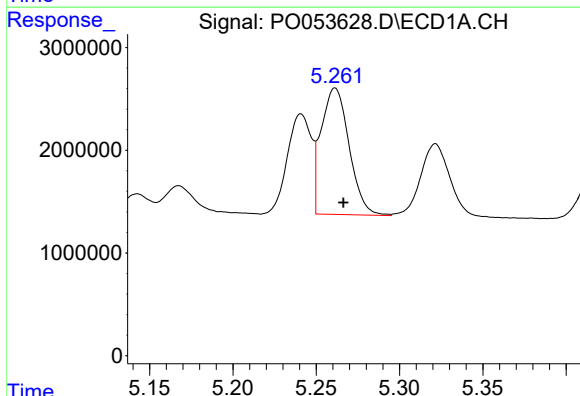
R.T.: 5.241 min
Delta R.T.: -0.004 min
Response: 9699293
Conc: 215.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



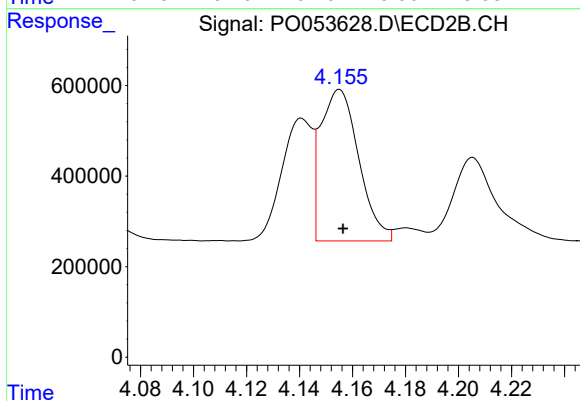
#3 AR-1016-1

R.T.: 4.141 min
Delta R.T.: -0.002 min
Response: 2175356
Conc: 247.26 ng/ml



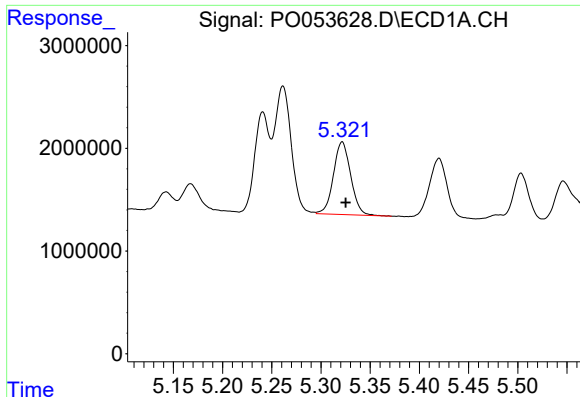
#4 AR-1016-2

R.T.: 5.261 min
Delta R.T.: -0.005 min
Response: 14389654
Conc: 213.53 ng/ml



#4 AR-1016-2

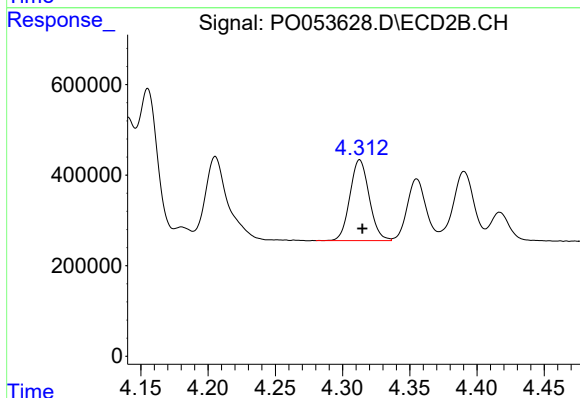
R.T.: 4.155 min
Delta R.T.: -0.001 min
Response: 3347719
Conc: 237.14 ng/ml



#5 AR-1016-3

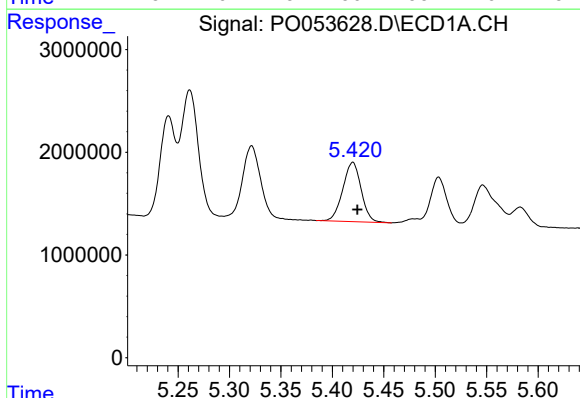
R.T.: 5.322 min
Delta R.T.: -0.004 min
Response: 8655660
Conc: 218.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



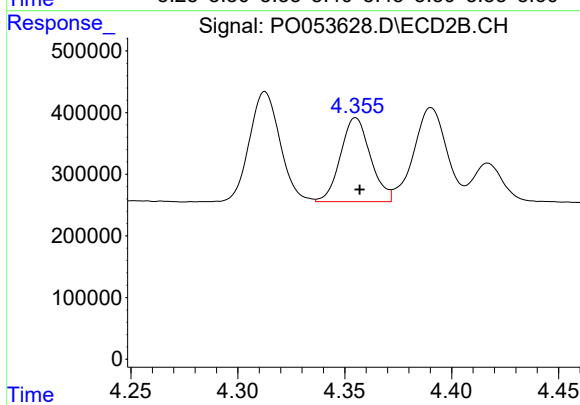
#5 AR-1016-3

R.T.: 4.313 min
Delta R.T.: -0.002 min
Response: 1782120
Conc: 225.80 ng/ml



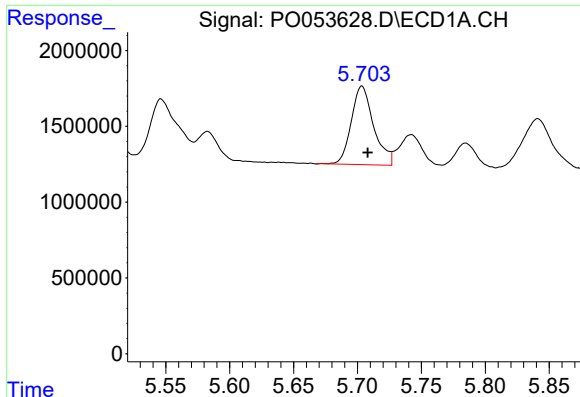
#6 AR-1016-4

R.T.: 5.420 min
Delta R.T.: -0.004 min
Response: 7150427
Conc: 224.68 ng/ml



#6 AR-1016-4

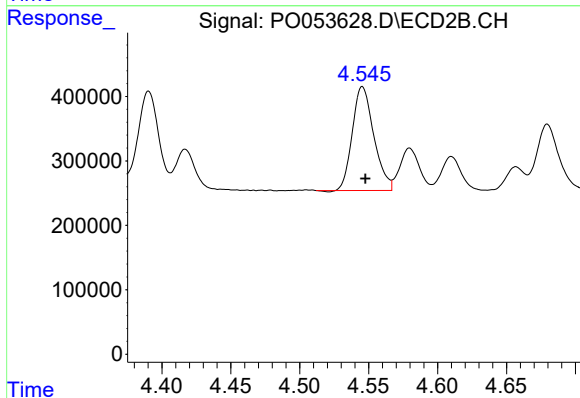
R.T.: 4.355 min
Delta R.T.: -0.002 min
Response: 1330265
Conc: 254.38 ng/ml



#7 AR-1016-5

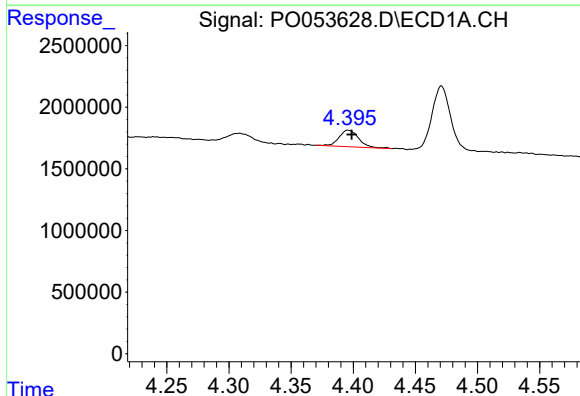
R.T.: 5.704 min
Delta R.T.: -0.004 min
Response: 6333963
Conc: 225.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



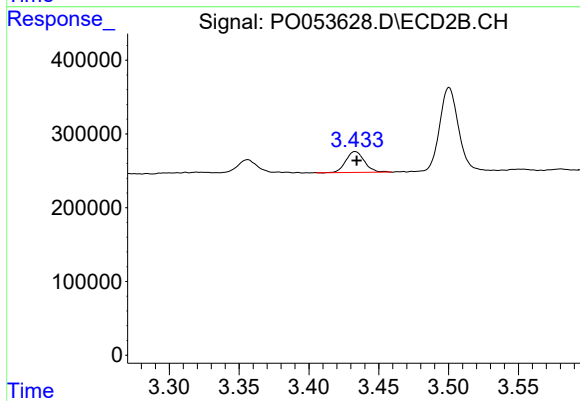
#7 AR-1016-5

R.T.: 4.545 min
Delta R.T.: -0.002 min
Response: 1744846
Conc: 240.01 ng/ml



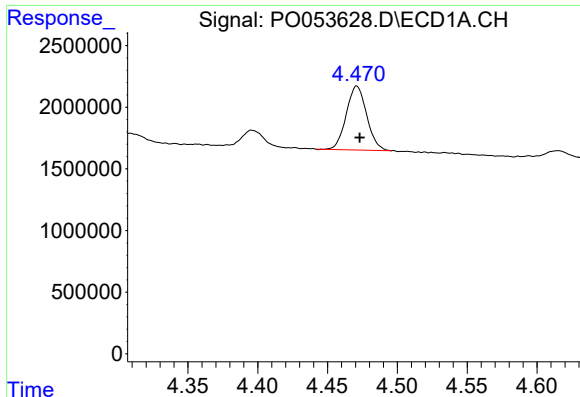
#9 AR-1221-2

R.T.: 4.395 min
Delta R.T.: -0.003 min
Response: 1466824
Conc: 122.56 ng/ml



#9 AR-1221-2

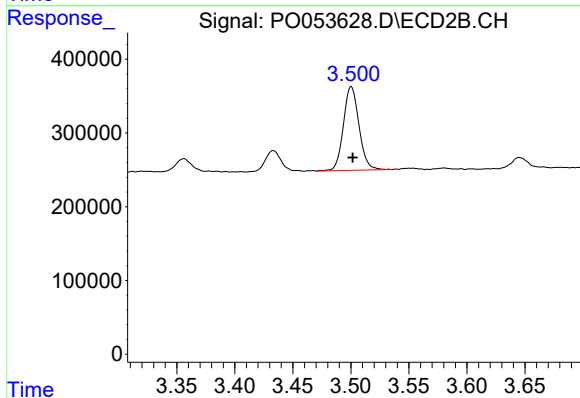
R.T.: 3.433 min
Delta R.T.: -0.001 min
Response: 261860
Conc: 146.78 ng/ml



#10 AR-1221-3

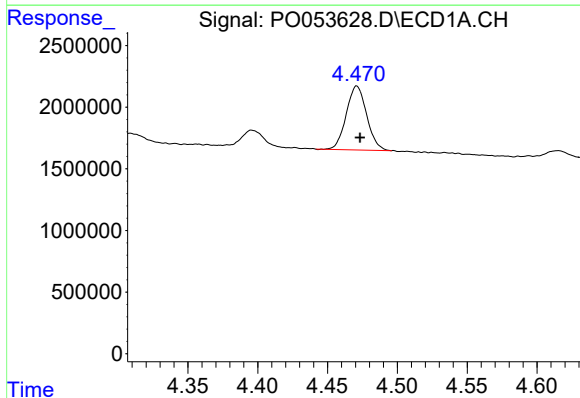
R.T.: 4.471 min
Delta R.T.: -0.002 min
Response: 5304777
Conc: 134.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



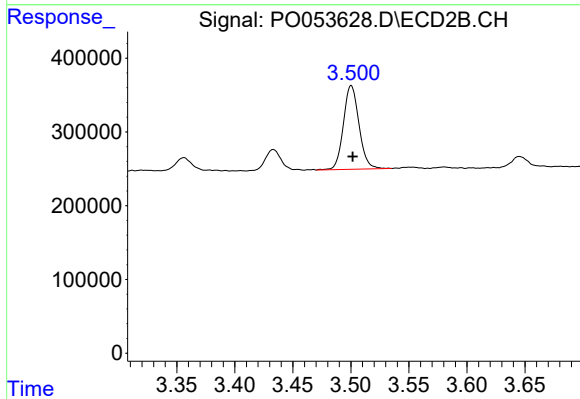
#10 AR-1221-3

R.T.: 3.500 min
Delta R.T.: -0.001 min
Response: 1060562
Conc: 168.42 ng/ml



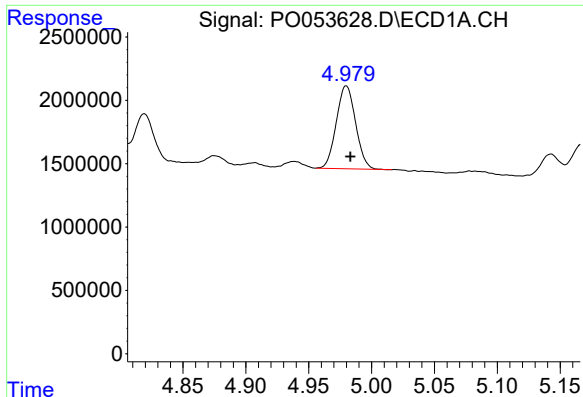
#11 AR-1232-1

R.T.: 4.471 min
Delta R.T.: -0.002 min
Response: 5304777
Conc: 165.18 ng/ml



#11 AR-1232-1

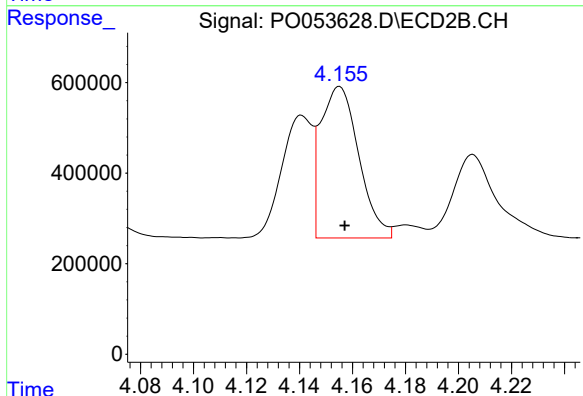
R.T.: 3.500 min
Delta R.T.: -0.001 min
Response: 1060562
Conc: 198.06 ng/ml



#12 AR-1232-2

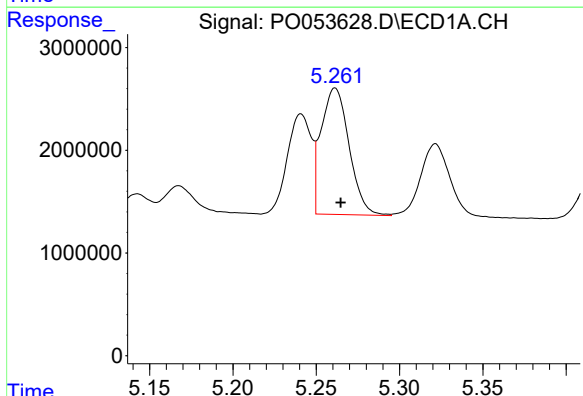
R.T.: 4.980 min
Delta R.T.: -0.003 min
Response: 7001783
Conc: 460.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



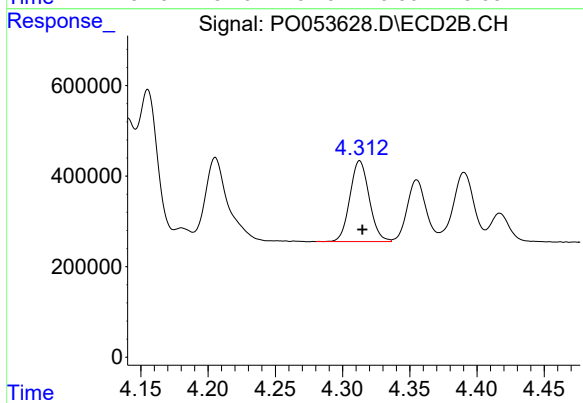
#12 AR-1232-2

R.T.: 4.155 min
Delta R.T.: -0.002 min
Response: 3347719
Conc: 527.14 ng/ml



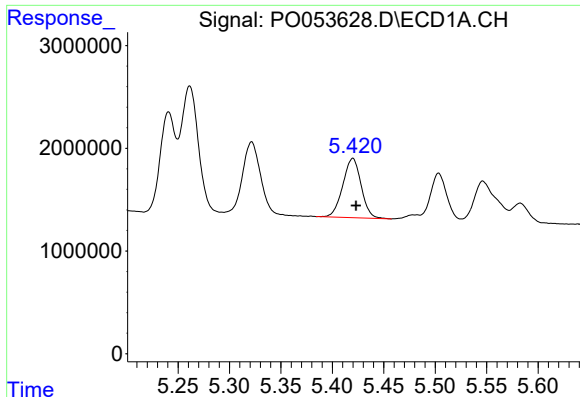
#13 AR-1232-3

R.T.: 5.261 min
Delta R.T.: -0.003 min
Response: 14389654
Conc: 491.14 ng/ml



#13 AR-1232-3

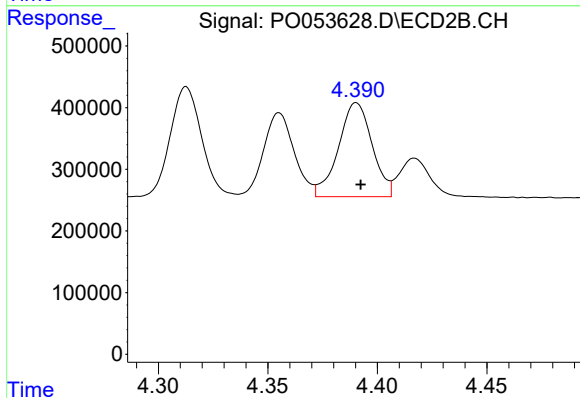
R.T.: 4.313 min
Delta R.T.: -0.002 min
Response: 1782120
Conc: 505.02 ng/ml



#14 AR-1232-4

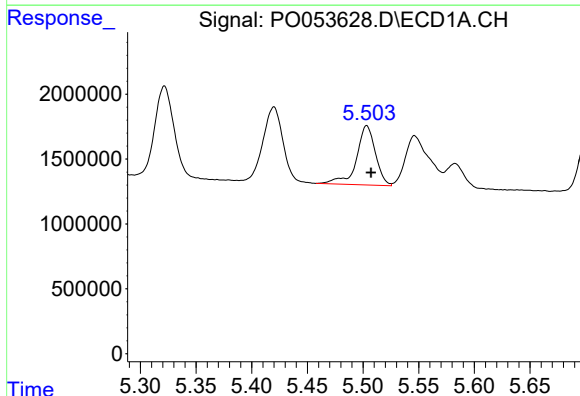
R.T.: 5.420 min
Delta R.T.: -0.003 min
Response: 7150427
Conc: 505.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



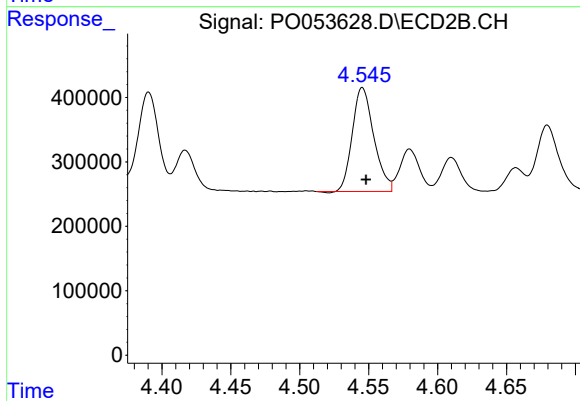
#14 AR-1232-4

R.T.: 4.390 min
Delta R.T.: -0.002 min
Response: 1635132
Conc: 638.92 ng/ml



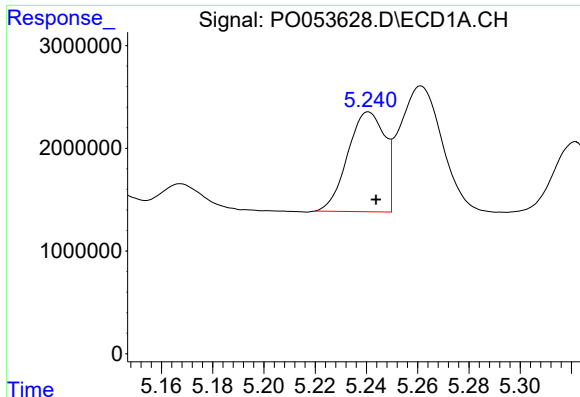
#15 AR-1232-5

R.T.: 5.503 min
Delta R.T.: -0.004 min
Response: 5414107
Conc: 675.68 ng/ml



#15 AR-1232-5

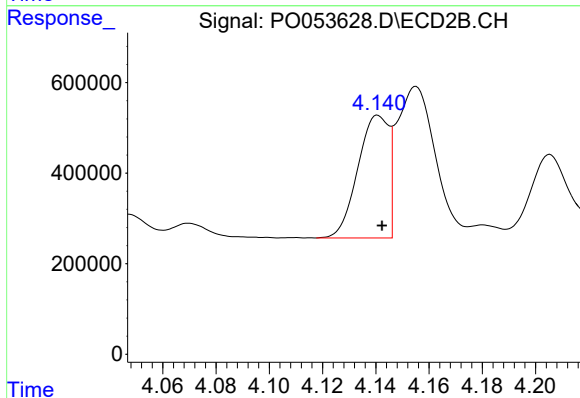
R.T.: 4.545 min
Delta R.T.: -0.003 min
Response: 1744846
Conc: 554.95 ng/ml



#16 AR-1242-1

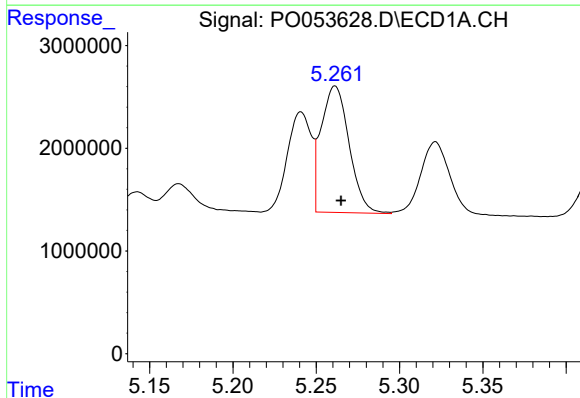
R.T.: 5.241 min
Delta R.T.: -0.003 min
Response: 9699293
Conc: 265.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



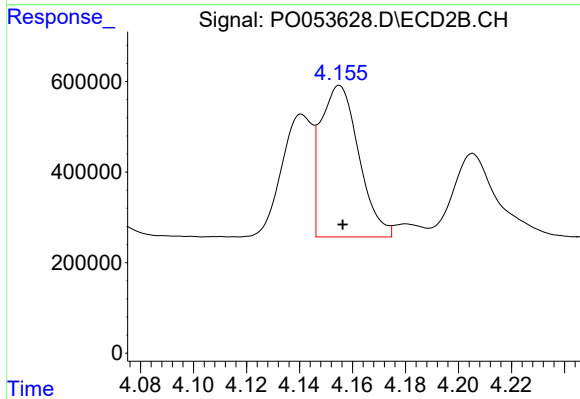
#16 AR-1242-1

R.T.: 4.141 min
Delta R.T.: -0.002 min
Response: 2175356
Conc: 286.39 ng/ml



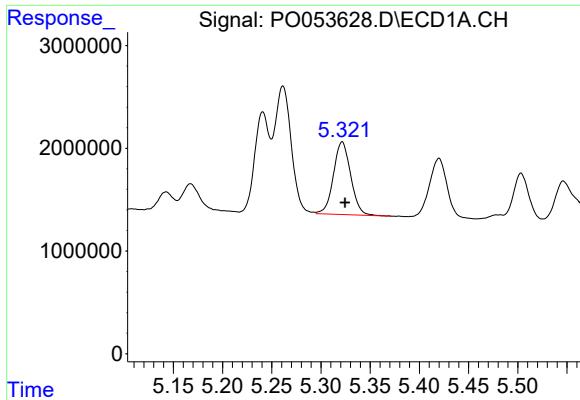
#17 AR-1242-2

R.T.: 5.261 min
Delta R.T.: -0.004 min
Response: 14389654
Conc: 271.24 ng/ml



#17 AR-1242-2

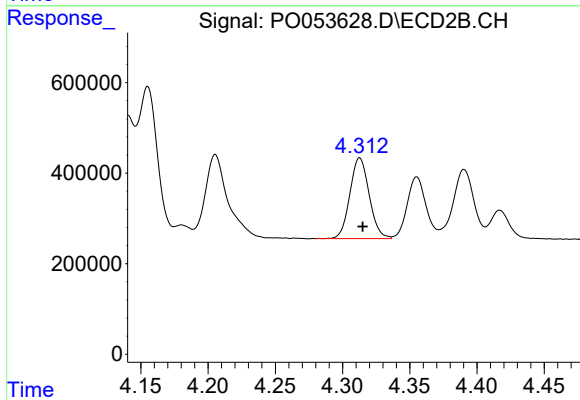
R.T.: 4.155 min
Delta R.T.: -0.001 min
Response: 3347719
Conc: 288.33 ng/ml



#18 AR-1242-3

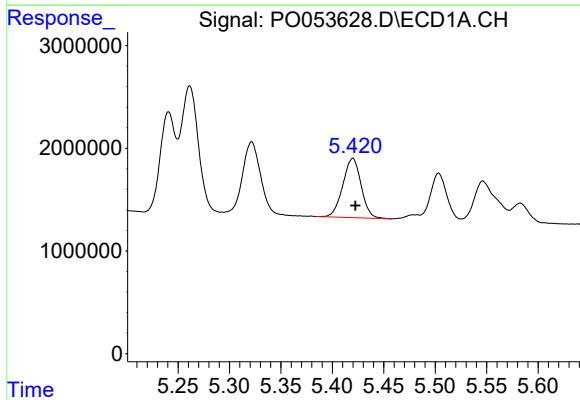
R.T.: 5.322 min
Delta R.T.: -0.003 min
Response: 8655660
Conc: 273.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



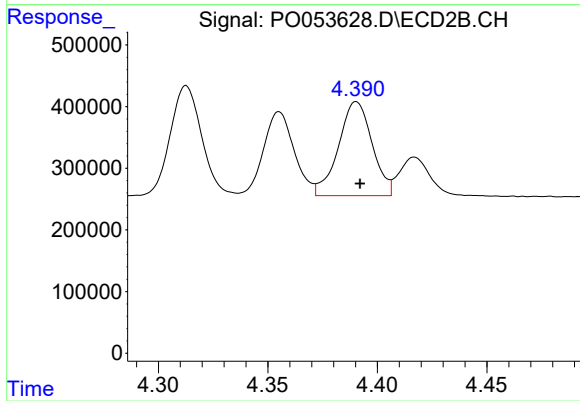
#18 AR-1242-3

R.T.: 4.313 min
Delta R.T.: -0.002 min
Response: 1782120
Conc: 283.95 ng/ml



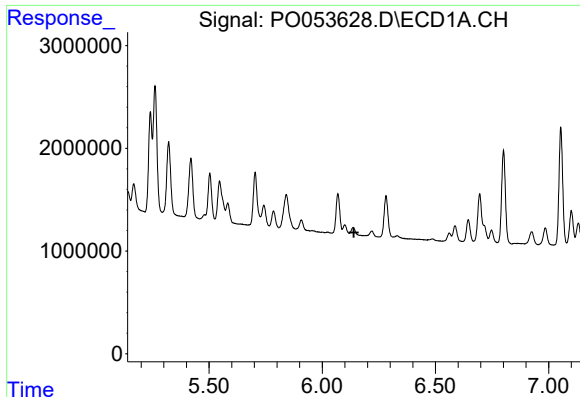
#19 AR-1242-4

R.T.: 5.420 min
Delta R.T.: -0.002 min
Response: 7150427
Conc: 279.04 ng/ml



#19 AR-1242-4

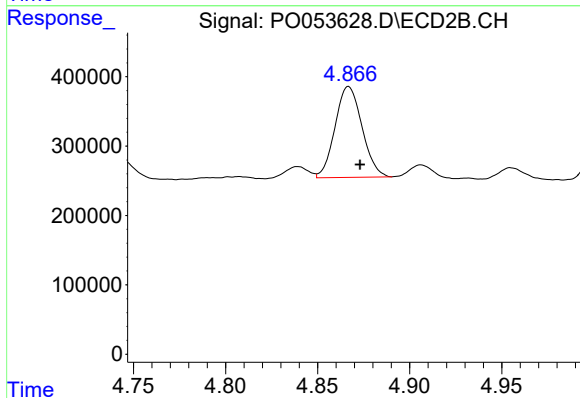
R.T.: 4.390 min
Delta R.T.: -0.002 min
Response: 1635132
Conc: 304.89 ng/ml



#20 AR-1242-5

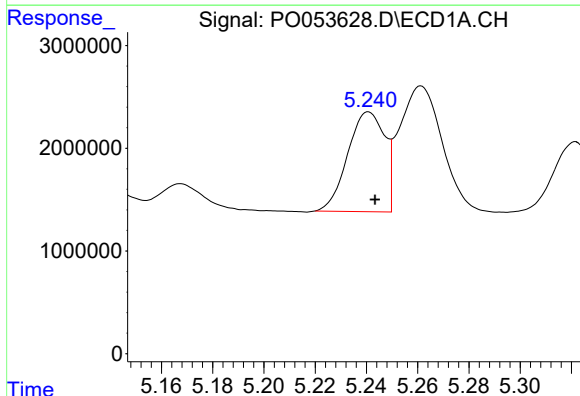
R.T.: 0.000 min
Exp R.T.: 6.140 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



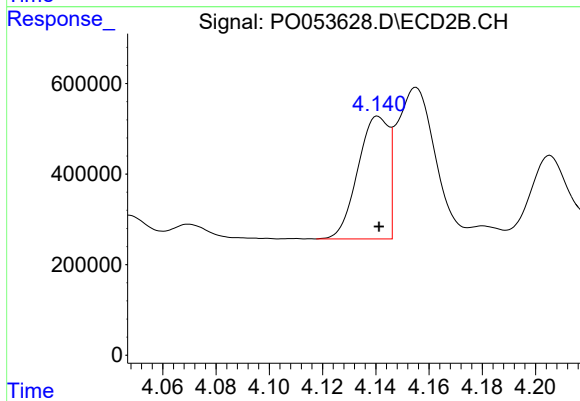
#20 AR-1242-5

R.T.: 4.867 min
Delta R.T.: -0.006 min
Response: 1334942
Conc: 175.19 ng/ml



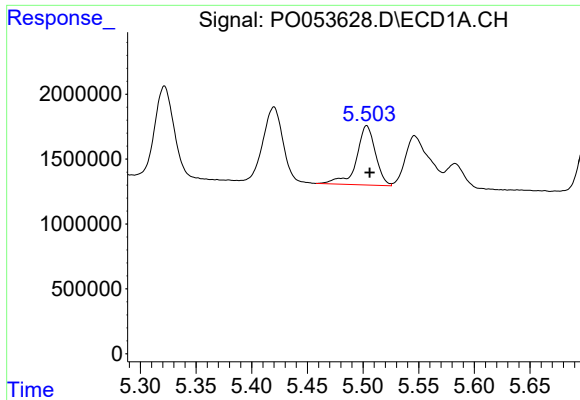
#21 AR-1248-1

R.T.: 5.241 min
Delta R.T.: -0.003 min
Response: 9699293
Conc: 354.44 ng/ml



#21 AR-1248-1

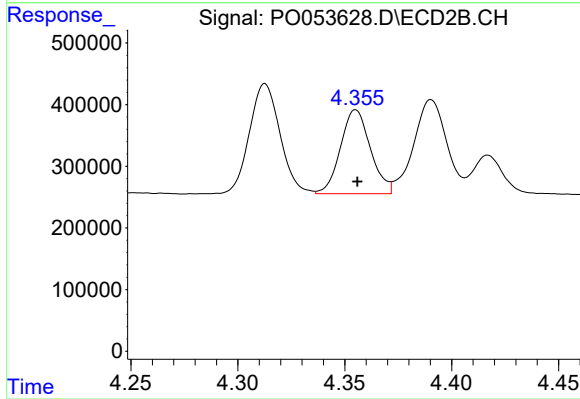
R.T.: 4.141 min
Delta R.T.: 0.000 min
Response: 2175356
Conc: 379.61 ng/ml



#22 AR-1248-2

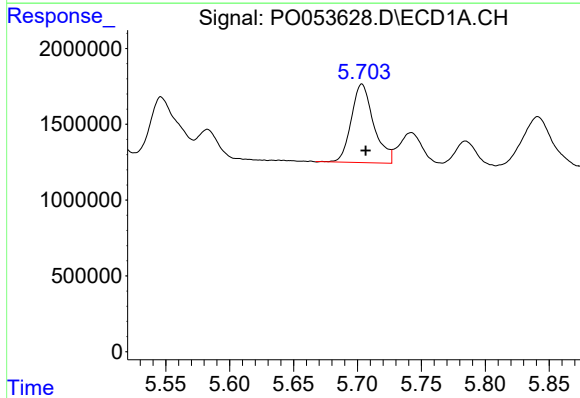
R.T.: 5.503 min
Delta R.T.: -0.003 min
Response: 5414107
Conc: 164.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



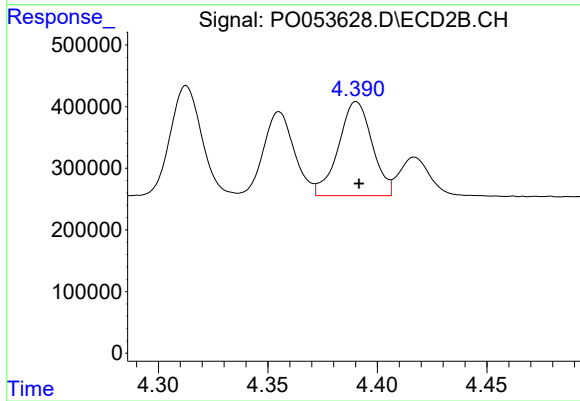
#22 AR-1248-2

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 1330265
Conc: 175.36 ng/ml



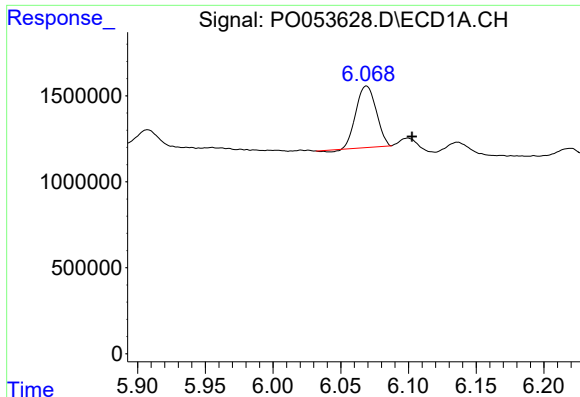
#23 AR-1248-3

R.T.: 5.704 min
Delta R.T.: -0.003 min
Response: 6333963
Conc: 165.44 ng/ml



#23 AR-1248-3

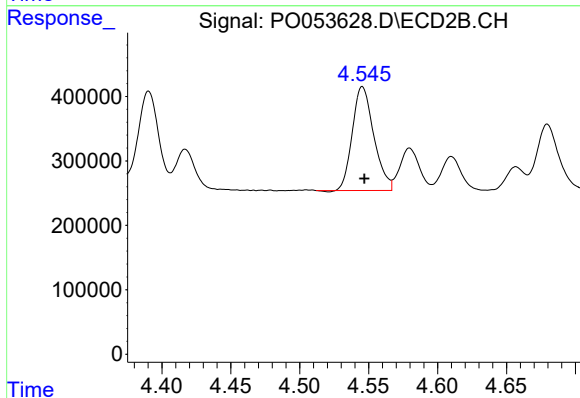
R.T.: 4.390 min
Delta R.T.: -0.001 min
Response: 1635132
Conc: 208.70 ng/ml



#24 AR-1248-4

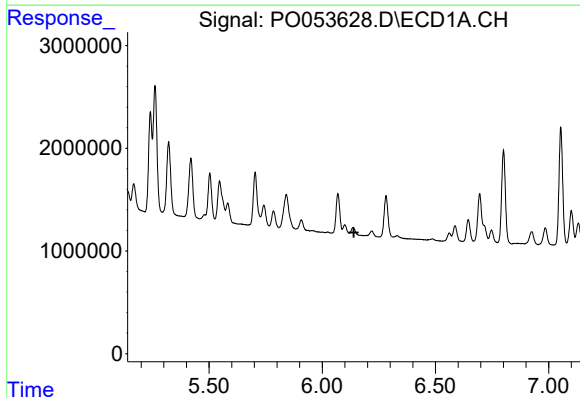
R.T.: 6.069 min
Delta R.T.: -0.034 min
Response: 3675568
Conc: 87.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



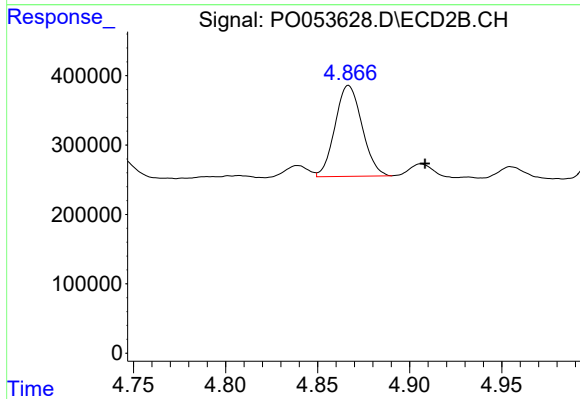
#24 AR-1248-4

R.T.: 4.545 min
Delta R.T.: -0.001 min
Response: 1744846
Conc: 175.74 ng/ml



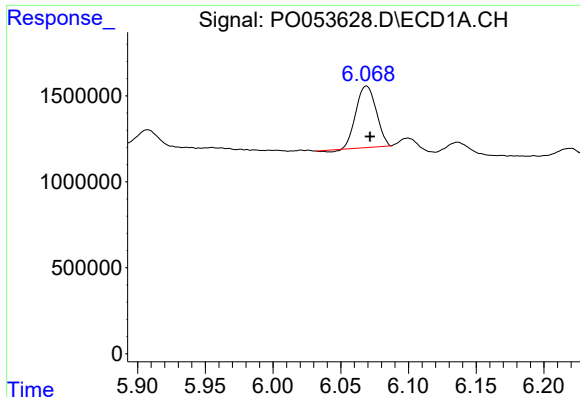
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.140 min
Response: 0
Conc: N.D.



#25 AR-1248-5

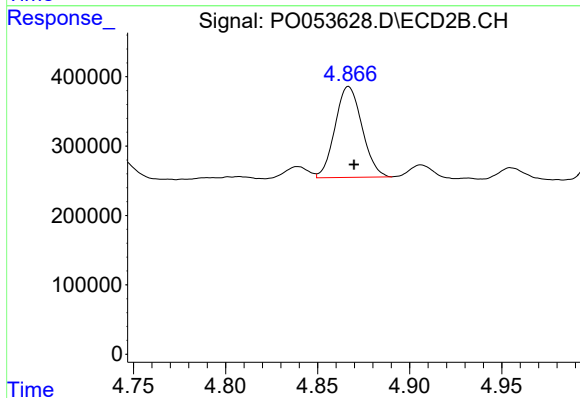
R.T.: 4.867 min
Delta R.T.: -0.042 min
Response: 1334942
Conc: 128.92 ng/ml



#26 AR-1254-1

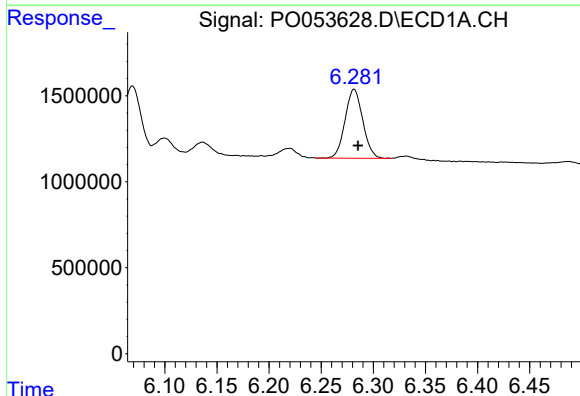
R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 3675568
Conc: 87.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



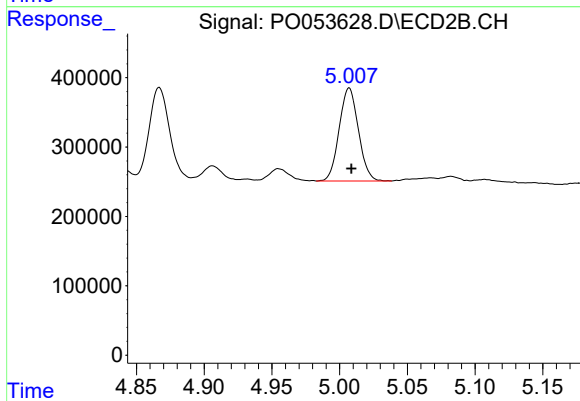
#26 AR-1254-1

R.T.: 4.867 min
Delta R.T.: -0.003 min
Response: 1334942
Conc: 81.97 ng/ml



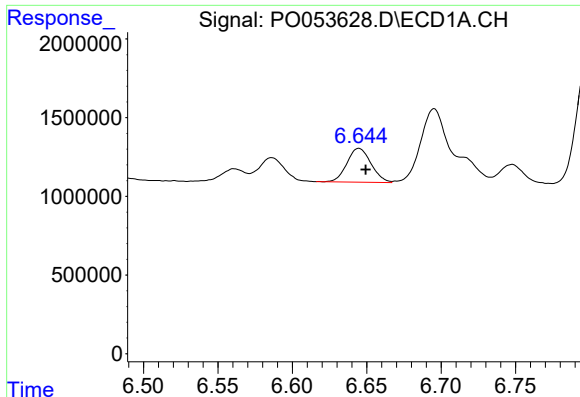
#27 AR-1254-2

R.T.: 6.282 min
Delta R.T.: -0.004 min
Response: 4737539
Conc: 72.58 ng/ml



#27 AR-1254-2

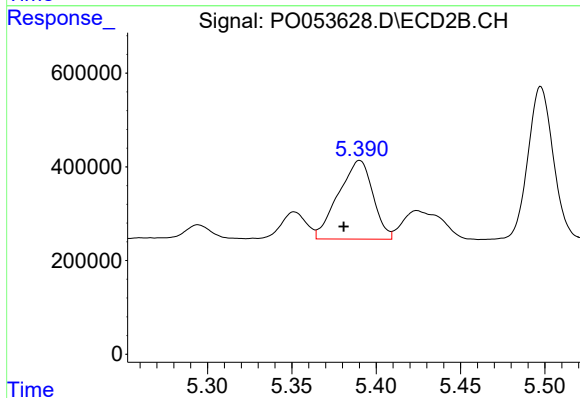
R.T.: 5.007 min
Delta R.T.: -0.002 min
Response: 1323514
Conc: 95.96 ng/ml



#28 AR-1254-3

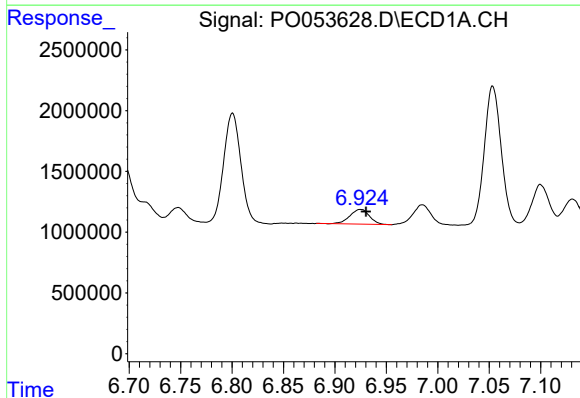
R.T.: 6.645 min
Delta R.T.: -0.005 min
Response: 2425733
Conc: 35.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



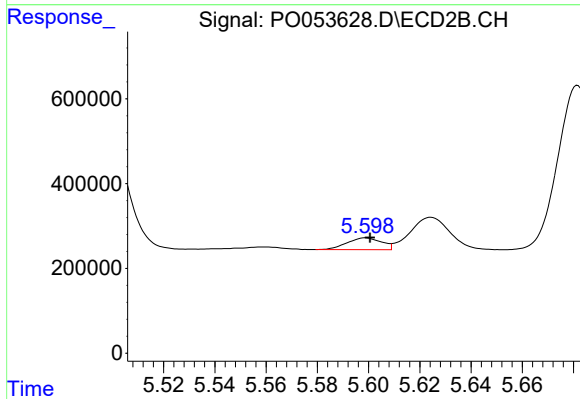
#28 AR-1254-3

R.T.: 5.390 min
Delta R.T.: 0.010 min
Response: 2390639
Conc: 109.37 ng/ml



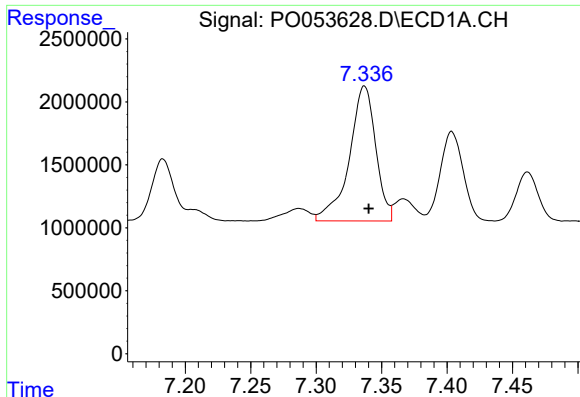
#29 AR-1254-4

R.T.: 6.925 min
Delta R.T.: -0.005 min
Response: 1614026
Conc: 31.67 ng/ml



#29 AR-1254-4

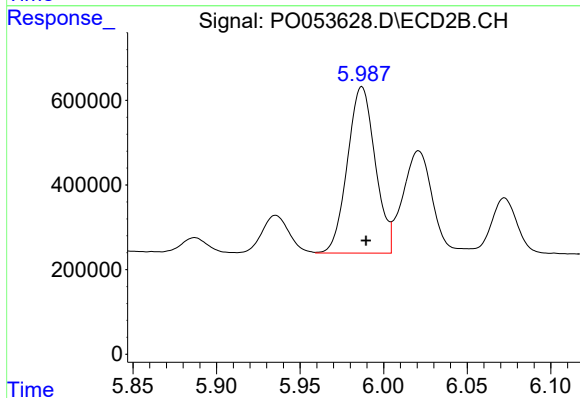
R.T.: 5.599 min
Delta R.T.: -0.002 min
Response: 261288
Conc: 18.41 ng/ml



#30 AR-1254-5

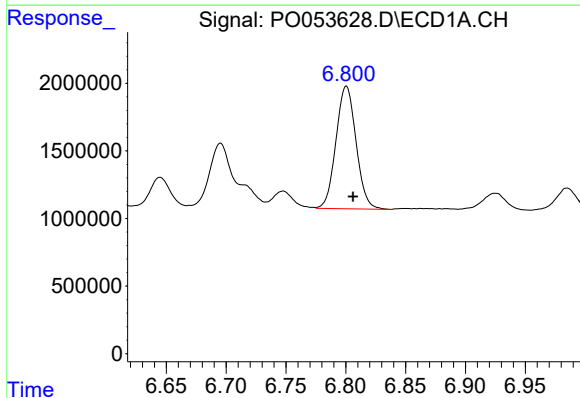
R.T.: 7.337 min
Delta R.T.: -0.003 min
Response: 15083742
Conc: 315.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



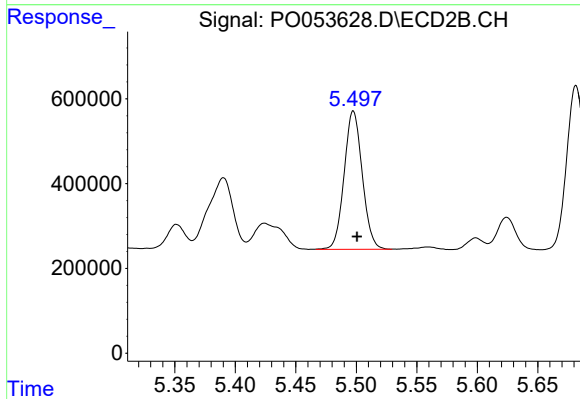
#30 AR-1254-5

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 4548329
Conc: 243.49 ng/ml



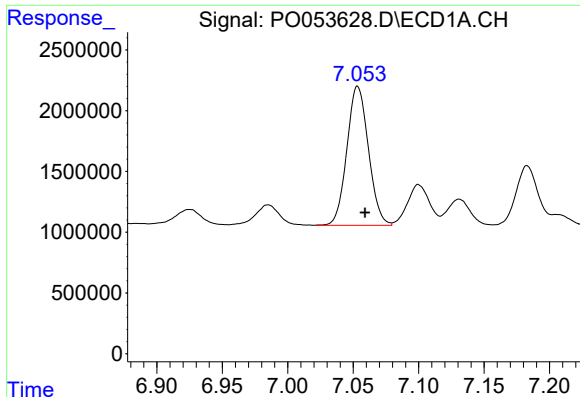
#31 AR-1260-1

R.T.: 6.801 min
Delta R.T.: -0.006 min
Response: 10611746
Conc: 217.70 ng/ml



#31 AR-1260-1

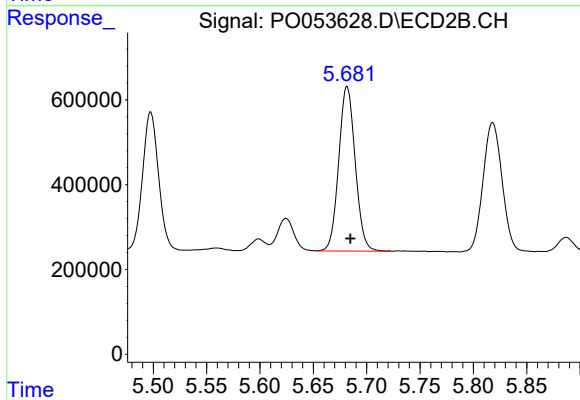
R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 3402473
Conc: 223.45 ng/ml



#32 AR-1260-2

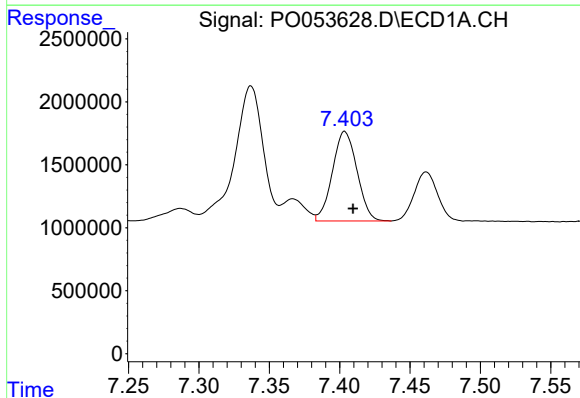
R.T.: 7.053 min
Delta R.T.: -0.005 min
Response: 13103330
Conc: 210.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



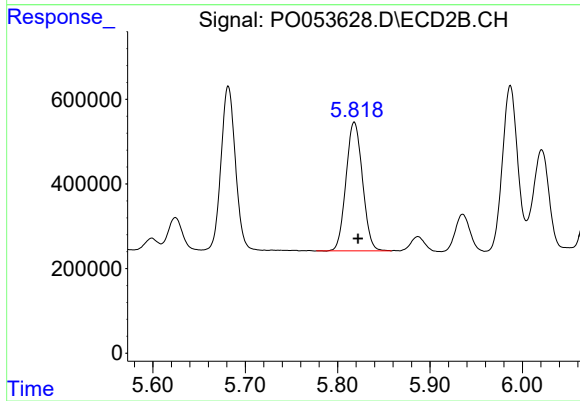
#32 AR-1260-2

R.T.: 5.682 min
Delta R.T.: -0.003 min
Response: 4179234
Conc: 225.40 ng/ml



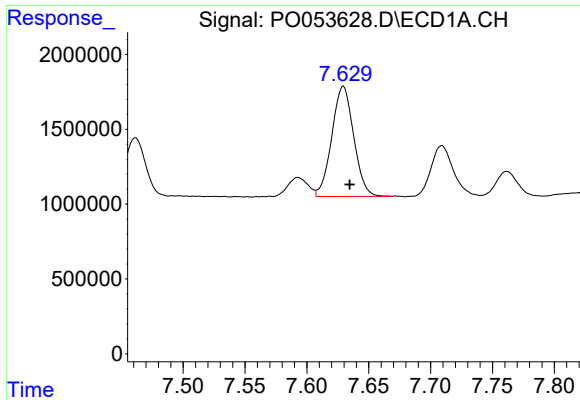
#33 AR-1260-3

R.T.: 7.404 min
Delta R.T.: -0.006 min
Response: 8641083
Conc: 220.90 ng/ml



#33 AR-1260-3

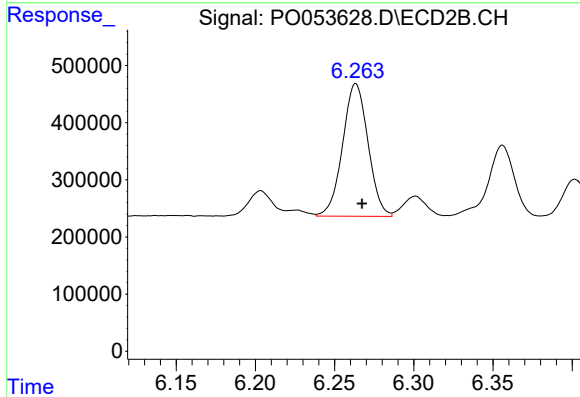
R.T.: 5.818 min
Delta R.T.: -0.004 min
Response: 3765867
Conc: 220.29 ng/ml



#34 AR-1260-4

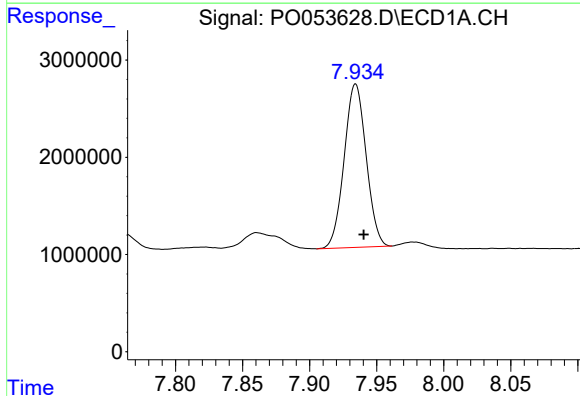
R.T.: 7.629 min
Delta R.T.: -0.005 min
Response: 9089983
Conc: 210.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



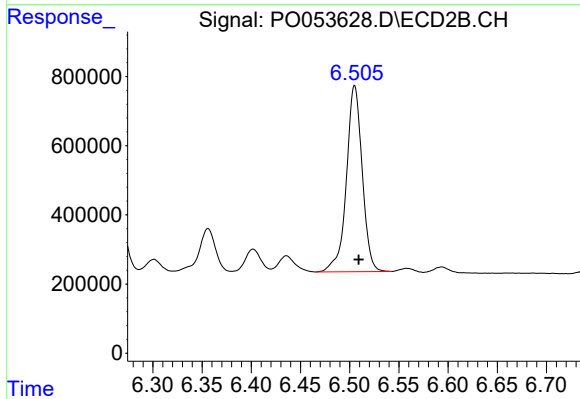
#34 AR-1260-4

R.T.: 6.263 min
Delta R.T.: -0.004 min
Response: 2593798
Conc: 235.54 ng/ml



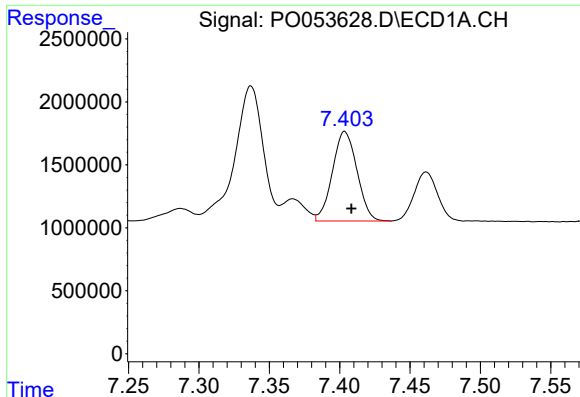
#35 AR-1260-5

R.T.: 7.934 min
Delta R.T.: -0.006 min
Response: 19129931
Conc: 210.15 ng/ml



#35 AR-1260-5

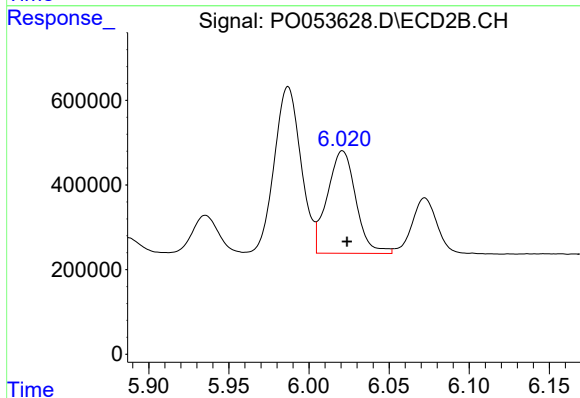
R.T.: 6.505 min
Delta R.T.: -0.004 min
Response: 6013639
Conc: 220.84 ng/ml



#36 AR-1262-1

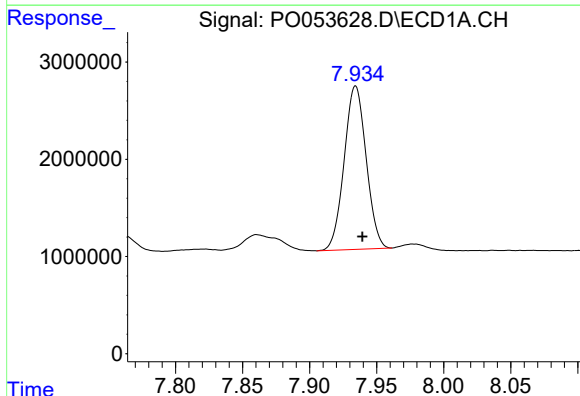
R.T.: 7.404 min
Delta R.T.: -0.005 min
Response: 8641083
Conc: 125.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



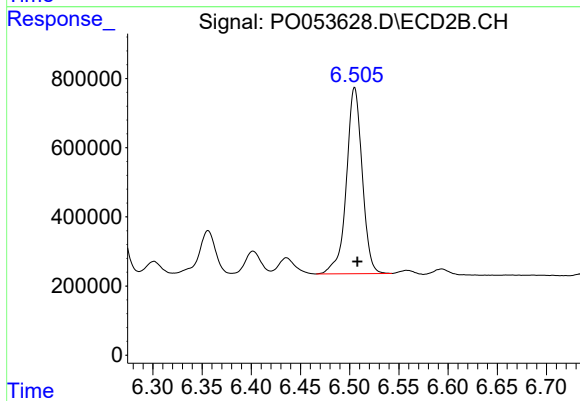
#36 AR-1262-1

R.T.: 6.021 min
Delta R.T.: -0.003 min
Response: 3009555
Conc: 151.96 ng/ml



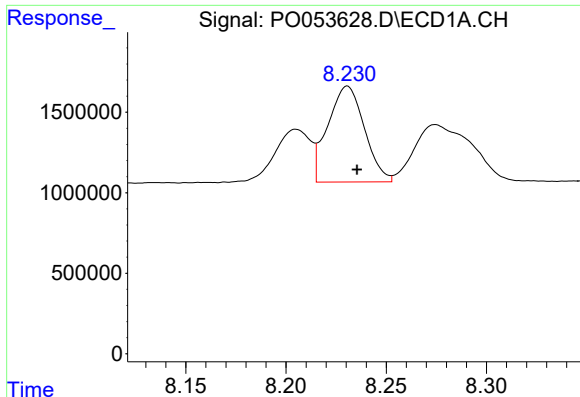
#37 AR-1262-2

R.T.: 7.934 min
Delta R.T.: -0.005 min
Response: 19129931
Conc: 158.77 ng/ml



#37 AR-1262-2

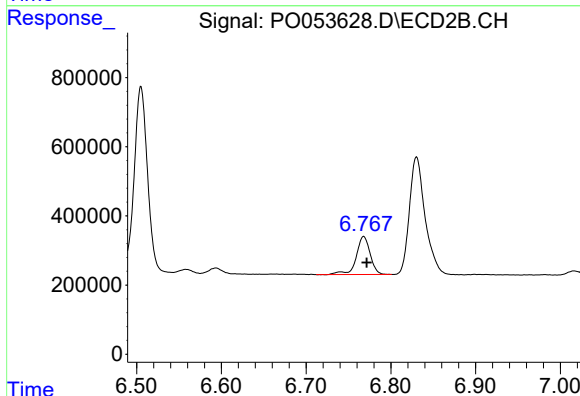
R.T.: 6.505 min
Delta R.T.: -0.003 min
Response: 6013639
Conc: 177.07 ng/ml



#38 AR-1262-3

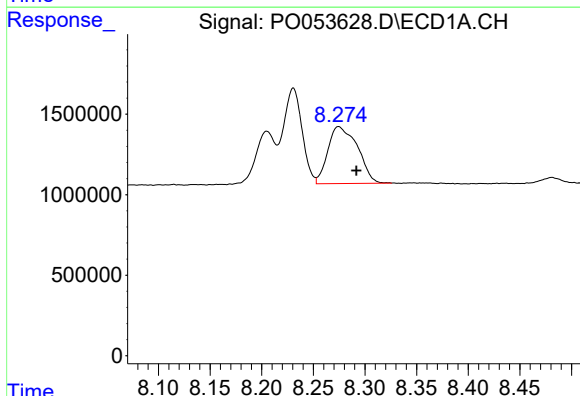
R.T.: 8.231 min
Delta R.T.: -0.005 min
Response: 7553124
Conc: 306.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



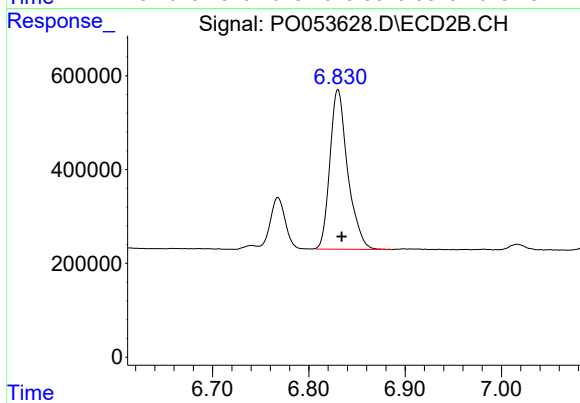
#38 AR-1262-3

R.T.: 6.768 min
Delta R.T.: -0.004 min
Response: 1254929
Conc: 96.53 ng/ml



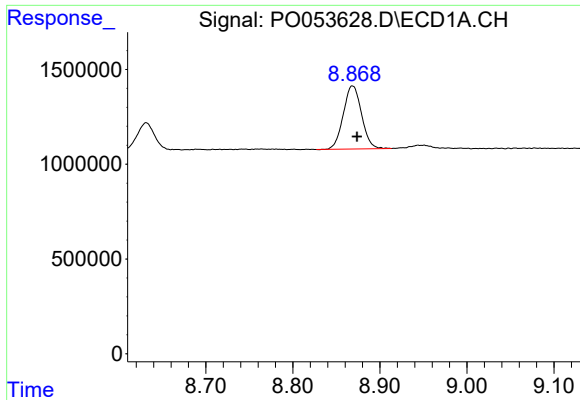
#39 AR-1262-4

R.T.: 8.274 min
Delta R.T.: -0.017 min
Response: 7051547
Conc: 113.76 ng/ml



#39 AR-1262-4

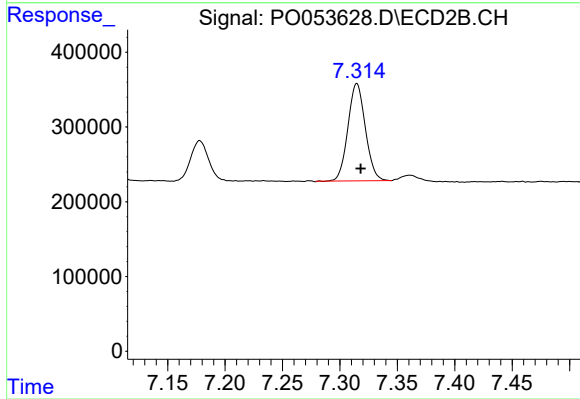
R.T.: 6.830 min
Delta R.T.: -0.004 min
Response: 4372579
Conc: 178.65 ng/ml



#40 AR-1262-5

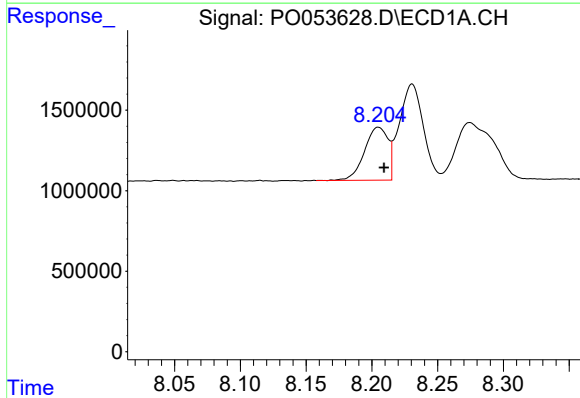
R.T.: 8.869 min
Delta R.T.: -0.005 min
Response: 4844579
Conc: 114.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



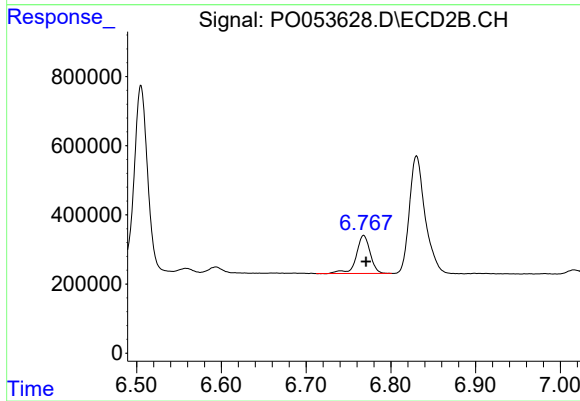
#40 AR-1262-5

R.T.: 7.315 min
Delta R.T.: -0.003 min
Response: 1383225
Conc: 123.74 ng/ml



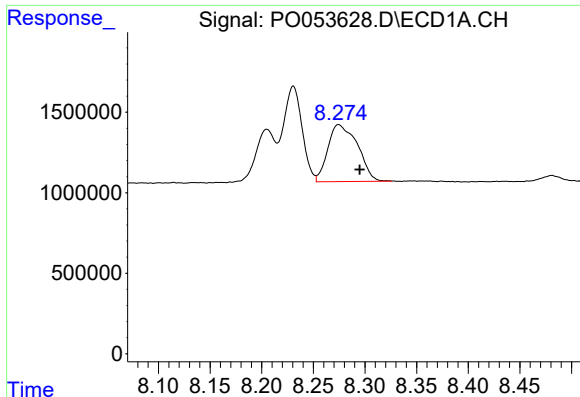
#41 AR-1268-1

R.T.: 8.205 min
Delta R.T.: -0.004 min
Response: 4067905
Conc: 27.45 ng/ml



#41 AR-1268-1

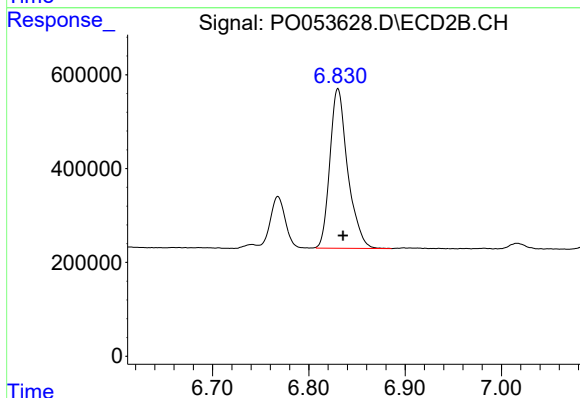
R.T.: 6.768 min
Delta R.T.: -0.003 min
Response: 1254929
Conc: 32.50 ng/ml



#42 AR-1268-2

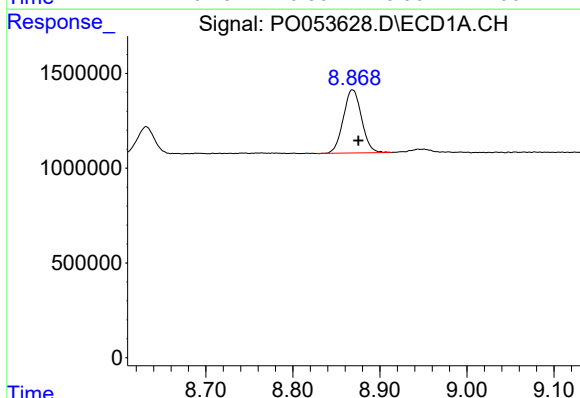
R.T.: 8.274 min
Delta R.T.: -0.020 min
Response: 7051547
Conc: 50.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



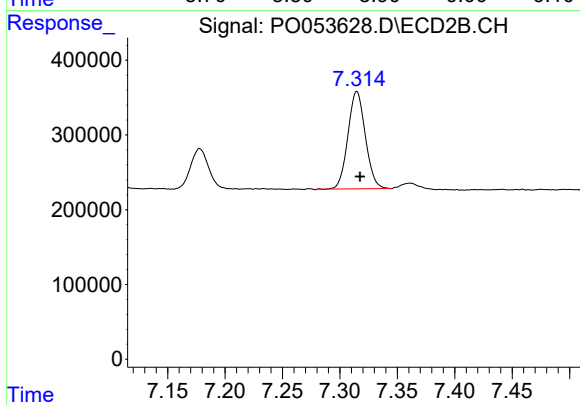
#42 AR-1268-2

R.T.: 6.830 min
Delta R.T.: -0.005 min
Response: 4372579
Conc: 119.57 ng/ml



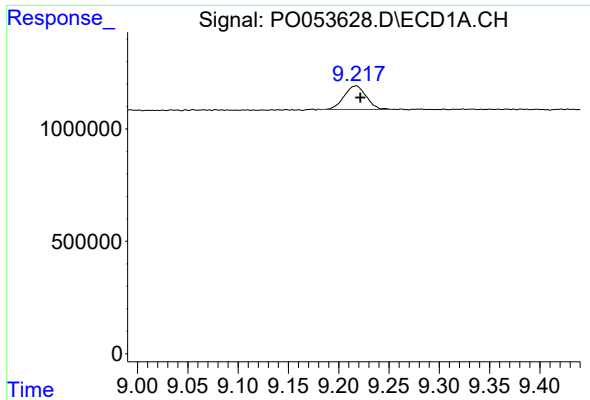
#44 AR-1268-4

R.T.: 8.869 min
Delta R.T.: -0.007 min
Response: 4844579
Conc: 101.91 ng/ml



#44 AR-1268-4

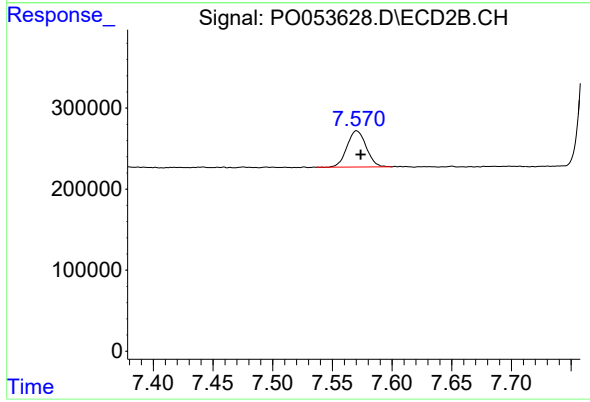
R.T.: 7.315 min
Delta R.T.: -0.003 min
Response: 1383225
Conc: 111.07 ng/ml



#45 AR-1268-5

R.T.: 9.217 min
Delta R.T.: -0.004 min
Response: 1594020
Conc: 4.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 7.570 min
Delta R.T.: -0.003 min
Response: 500559
Conc: 5.34 ng/ml