

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022219\
 Data File : P0053990.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Feb 2019 15:13
 Operator : SM/SJ
 Sample : K1564-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 02-21-DRUM-A

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 21:45:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0021819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 19 03:40:07 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...	4.059	3.137	55635244	5908291	18.551	22.142
2)	SA Decachlor...	9.401	7.717	28275837	30560386	22.518	101.984 #
Target Compounds							
3)	L1 AR-1016-1	5.214	4.131	1763500	246554	25.175	22.567
4)	L1 AR-1016-2	5.214	4.131	1763500	246554	17.127	14.504
5)	L1 AR-1016-3	5.276	4.287	1898355	1119788	31.126	121.269 #
6)	L1 AR-1016-4	5.338	4.353	4672058	6310732	94.260	899.566 #
7)	L1 AR-1016-5	5.629	4.514	12135761	582976	266.839	61.539 #
8)	L2 AR-1221-1	4.280	0.000	2075058	0	46.624	N.D. #
9)	L2 AR-1221-2	4.325	0.000	1198334	0	39.419	N.D. #
12)	L3 AR-1232-2	0.000	4.131	0	246554	N.D.	35.457 #
13)	L3 AR-1232-3	5.214	4.287	1763500	1119788	43.653	303.256 #
14)	L3 AR-1232-4	5.338	4.353	4672058	6310732	247.222	2058.286 #
15)	L3 AR-1232-5	5.437	4.514	32483609	582976	2530.360	165.516 #
16)	L4 AR-1242-1	5.214	4.131	1763500	246554	33.325	29.735
17)	L4 AR-1242-2	5.214	4.131	1763500	246554	22.130	18.806
18)	L4 AR-1242-3	5.276	4.287	1898355	1119788	41.085	156.057 #
19)	L4 AR-1242-4	5.338	4.353	4672058	6310732	122.992	946.465 #
20)	L4 AR-1242-5	6.060	4.822	7801911	7854978	213.874	882.161 #
21)	L5 AR-1248-1	5.214	4.131	1763500	246554	43.145	36.064
22)	L5 AR-1248-2	5.437	4.353	32483609	6310732	636.317	668.738
23)	L5 AR-1248-3	5.629	4.353	12135761	6310732	207.859	655.434 #
24)	L5 AR-1248-4	6.060	4.514	7801911	582976	124.740	48.474 #
25)	L5 AR-1248-5	6.060	4.898	7801911	6960113	128.943	560.189 #
26)	L6 AR-1254-1	6.031	4.822	35769592	7854978	226.441	161.989 #
27)	L6 AR-1254-2	6.233	0.000	4531344	0	18.477	N.D. #
28)	L6 AR-1254-3	6.592	5.338	904853	6076150	3.568	92.297 #
29)	L6 AR-1254-4	6.865	5.579	6271753	1576747	33.253	36.340
30)	L6 AR-1254-5	7.292	5.945	19088498	31728488	106.578	654.785 #
31)	L7 AR-1260-1	6.757	5.480	16894490	4162717	241.365	218.108
32)	L7 AR-1260-2	7.008	5.637	10820182	964137	125.113	41.264 #
33)	L7 AR-1260-3	7.357	5.806	9044278	2676361	166.493	123.854 #
34)	L7 AR-1260-4	7.556	6.251	56047137	3723792	976.918	266.859 #
35)	L7 AR-1260-5	7.912	6.460	33343410	3614210	274.521	106.558 #
36)	L8 AR-1262-1	7.357	5.972	9044278	15441090	95.925	648.596 #
37)	L8 AR-1262-2	7.912	6.460	33343410	3614210	210.618	90.107 #
38)	L8 AR-1262-3	8.184	6.697	3495203	4023901	105.232	254.439 #
39)	L8 AR-1262-4	8.260	6.777	1983127	6845517	24.817	233.675 #
40)	L8 AR-1262-5	8.838	7.271	102.3E6	9169209	1910.378	668.927 #
41)	L9 AR-1268-1	8.133	6.697	6650772	4023901	35.191	88.226 #
42)	L9 AR-1268-2	8.260	6.777	1983127	6845517	11.200	159.774 #
43)	L9 AR-1268-3	8.416	7.001	26501441	1103513	168.697	30.453 #

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 Operator : SM/SJ
 Sample : K1564-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

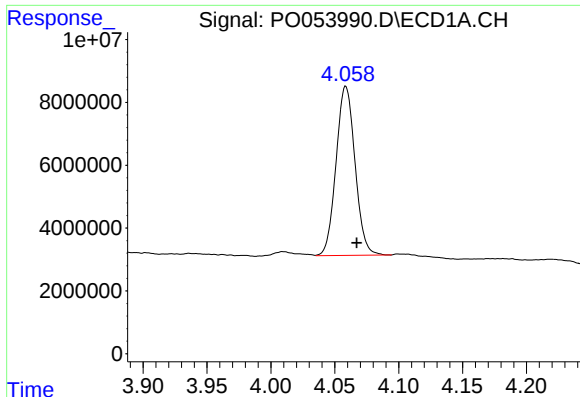
Instrument :
 ECD_O
 ClientSampleId :
 02-21-DRUM-A

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 21:45:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0021819.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
44) L9	AR-1268-4	8.838	7.271	102.3E6	9169209	1715.182	603.679 #
45) L9	AR-1268-5	9.135	7.566	113.7E6	3703338	242.154	34.442 #

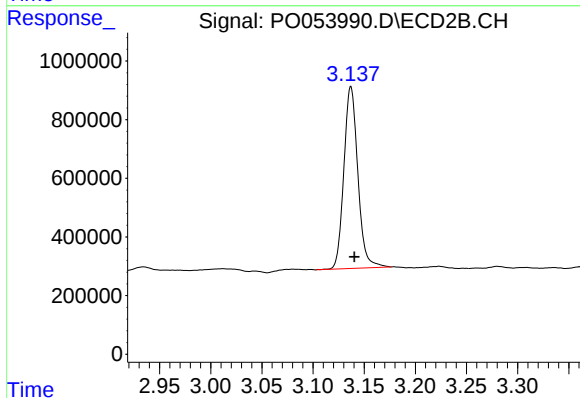
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

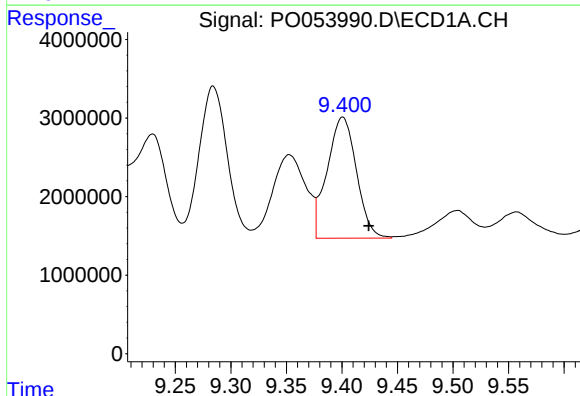
R.T.: 4.059 min
Delta R.T.: -0.008 min
Response: 55635244
Conc: 18.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
02-21-DRUM-A



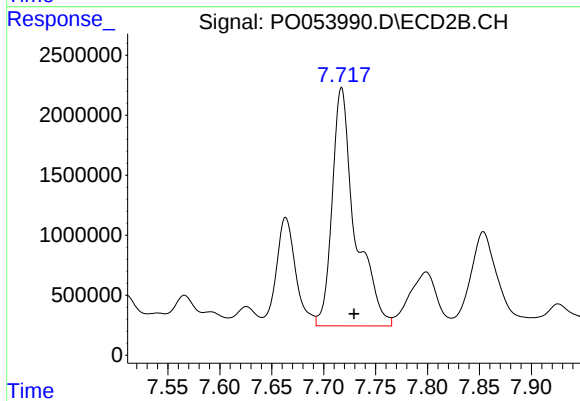
#1 Tetrachloro-m-xylene

R.T.: 3.137 min
Delta R.T.: -0.003 min
Response: 5908291
Conc: 22.14 ng/ml



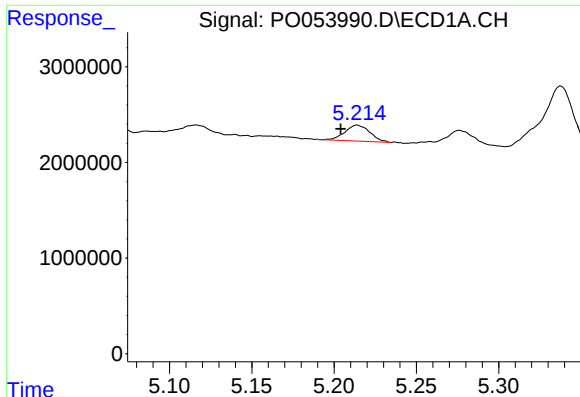
#2 Decachlorobiphenyl

R.T.: 9.401 min
Delta R.T.: -0.023 min
Response: 28275837
Conc: 22.52 ng/ml



#2 Decachlorobiphenyl

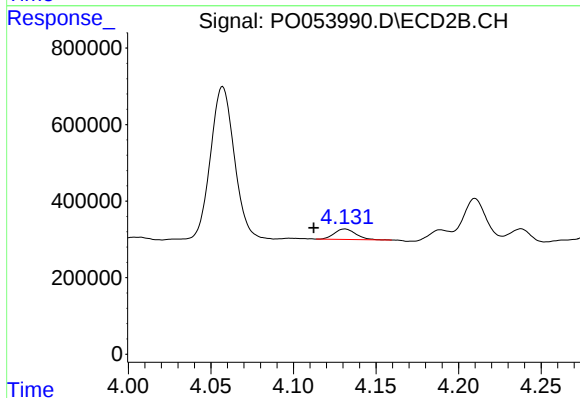
R.T.: 7.717 min
Delta R.T.: -0.012 min
Response: 30560386
Conc: 101.98 ng/ml



#3 AR-1016-1

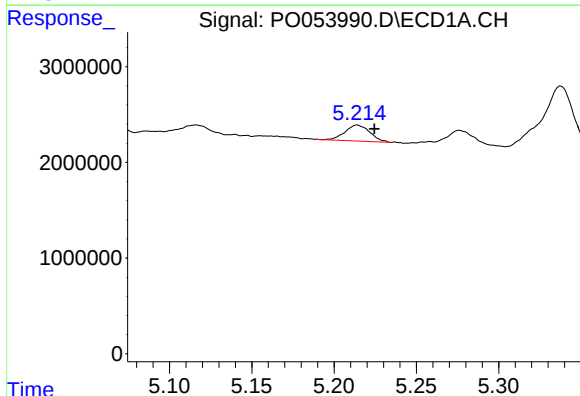
R.T.: 5.214 min
Delta R.T.: 0.010 min
Response: 1763500
Conc: 25.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
02-21-DRUM-A



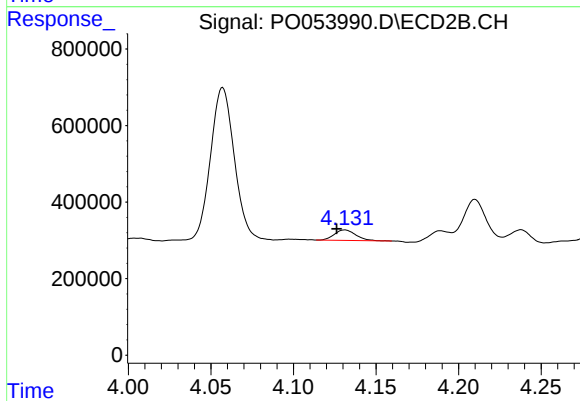
#3 AR-1016-1

R.T.: 4.131 min
Delta R.T.: 0.019 min
Response: 246554
Conc: 22.57 ng/ml



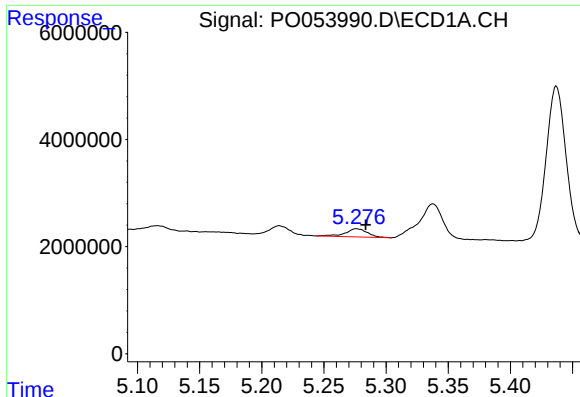
#4 AR-1016-2

R.T.: 5.214 min
Delta R.T.: -0.011 min
Response: 1763500
Conc: 17.13 ng/ml



#4 AR-1016-2

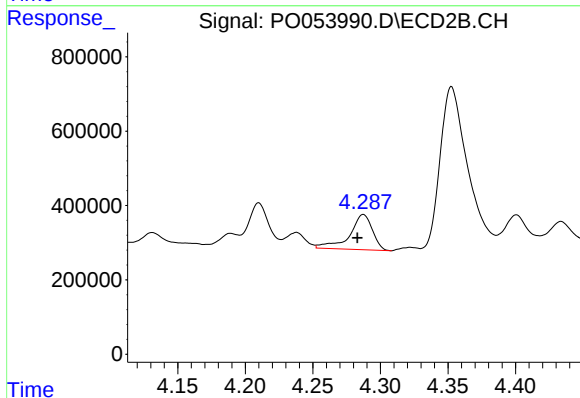
R.T.: 4.131 min
Delta R.T.: 0.005 min
Response: 246554
Conc: 14.50 ng/ml



#5 AR-1016-3

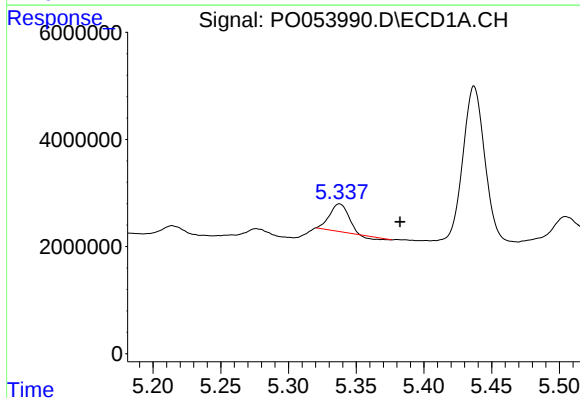
R.T.: 5.276 min
Delta R.T.: -0.007 min
Response: 1898355
Conc: 31.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
02-21-DRUM-A



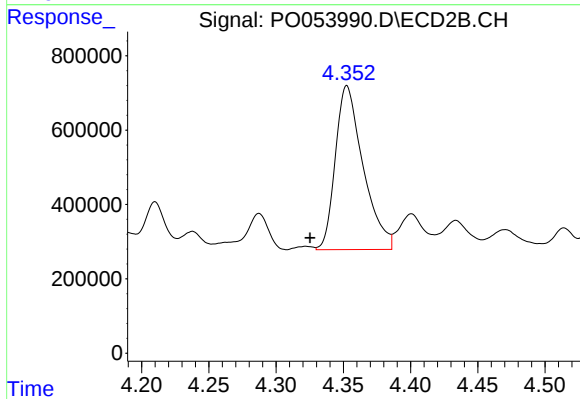
#5 AR-1016-3

R.T.: 4.287 min
Delta R.T.: 0.005 min
Response: 1119788
Conc: 121.27 ng/ml



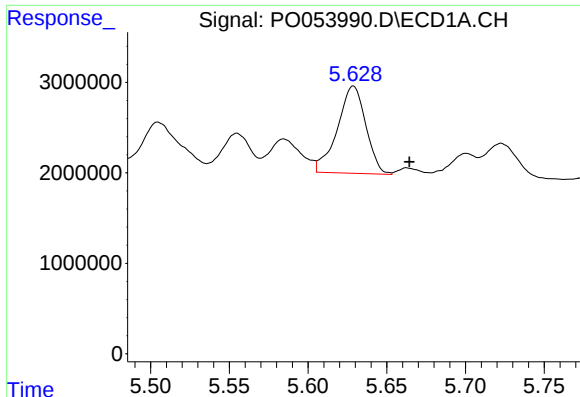
#6 AR-1016-4

R.T.: 5.338 min
Delta R.T.: -0.045 min
Response: 4672058
Conc: 94.26 ng/ml



#6 AR-1016-4

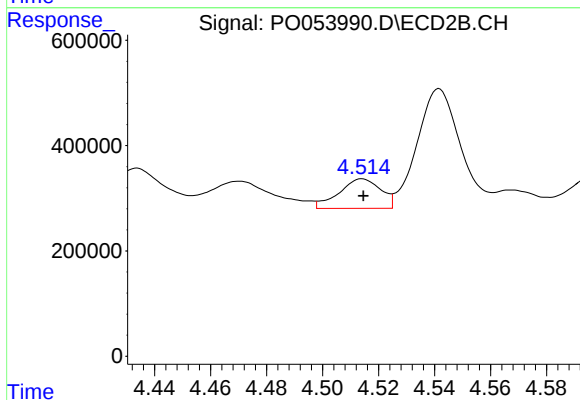
R.T.: 4.353 min
Delta R.T.: 0.027 min
Response: 6310732
Conc: 899.57 ng/ml



#7 AR-1016-5

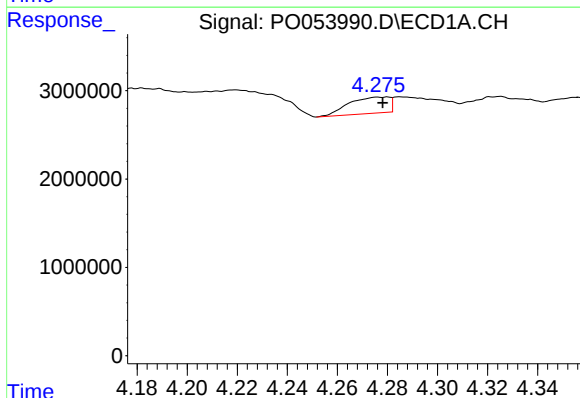
R.T.: 5.629 min
Delta R.T.: -0.036 min
Response: 12135761
Conc: 266.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
02-21-DRUM-A



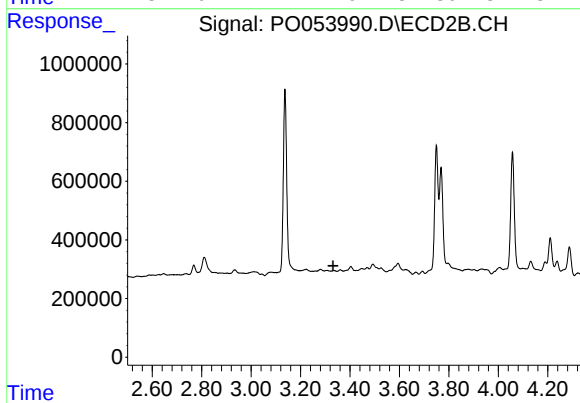
#7 AR-1016-5

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 582976
Conc: 61.54 ng/ml



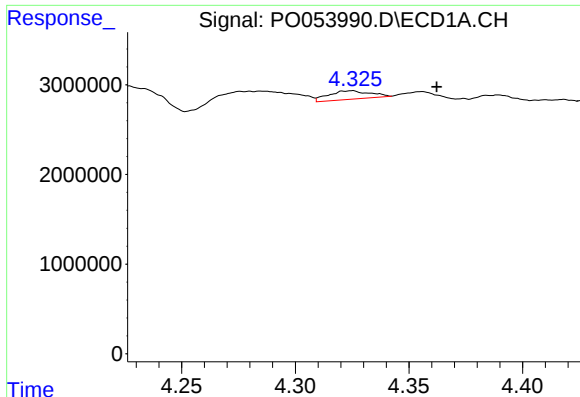
#8 AR-1221-1

R.T.: 4.280 min
Delta R.T.: 0.002 min
Response: 2075058
Conc: 46.62 ng/ml



#8 AR-1221-1

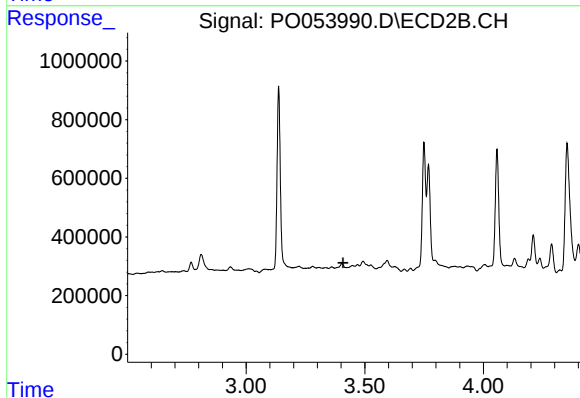
R.T.: 0.000 min
Exp R.T. : 3.332 min
Response: 0
Conc: N.D.



#9 AR-1221-2

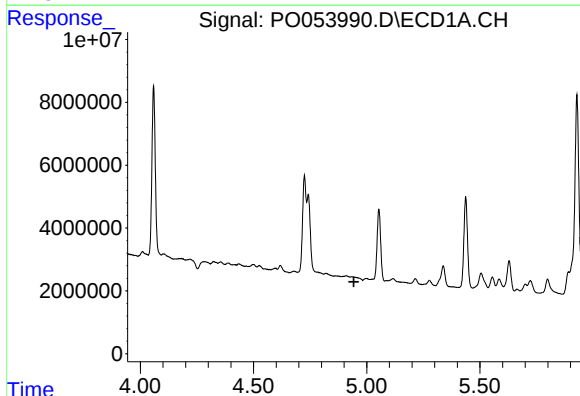
R.T.: 4.325 min
Delta R.T.: -0.037 min
Response: 1198334
Conc: 39.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
02-21-DRUM-A



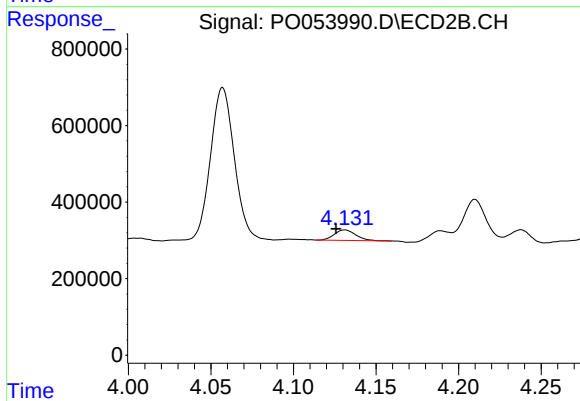
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.408 min
Response: 0
Conc: N.D.



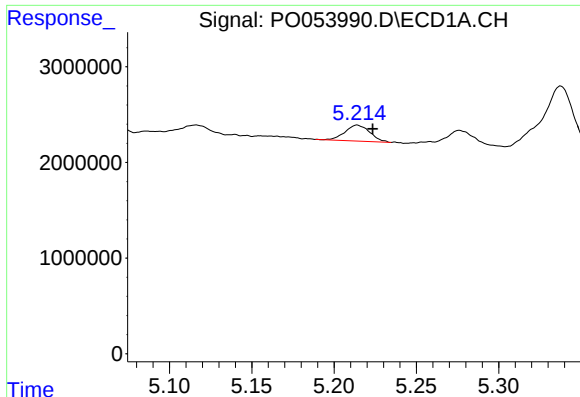
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.943 min
Response: 0
Conc: N.D.



#12 AR-1232-2

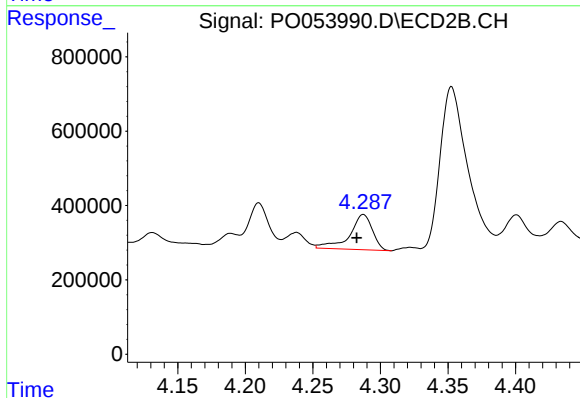
R.T.: 4.131 min
Delta R.T.: 0.006 min
Response: 246554
Conc: 35.46 ng/ml



#13 AR-1232-3

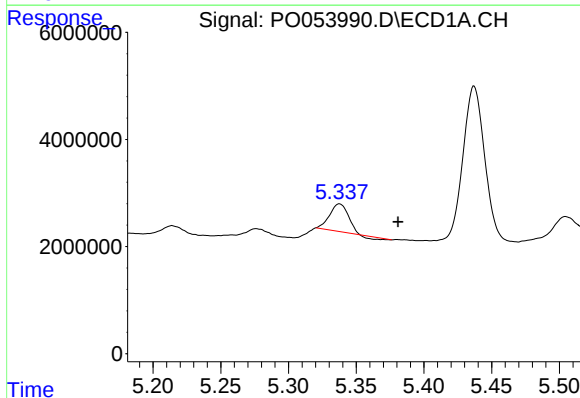
R.T.: 5.214 min
Delta R.T.: -0.009 min
Response: 1763500
Conc: 43.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
02-21-DRUM-A



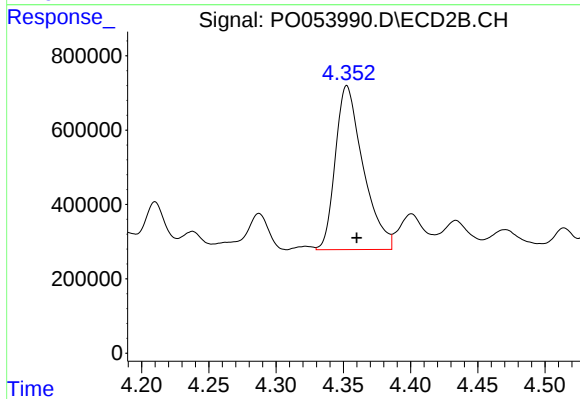
#13 AR-1232-3

R.T.: 4.287 min
Delta R.T.: 0.005 min
Response: 1119788
Conc: 303.26 ng/ml



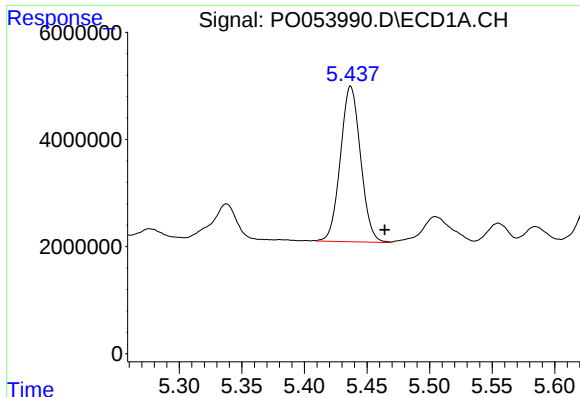
#14 AR-1232-4

R.T.: 5.338 min
Delta R.T.: -0.043 min
Response: 4672058
Conc: 247.22 ng/ml



#14 AR-1232-4

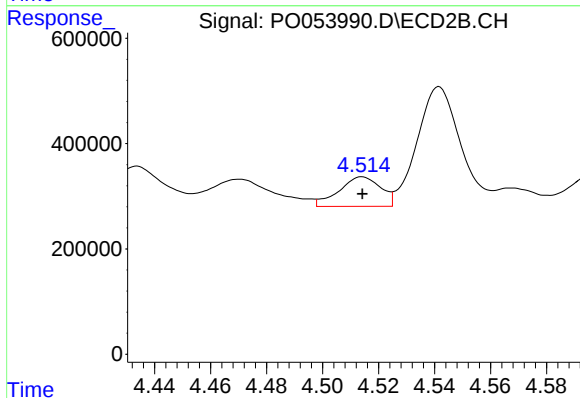
R.T.: 4.353 min
Delta R.T.: -0.007 min
Response: 6310732
Conc: 2058.29 ng/ml



#15 AR-1232-5

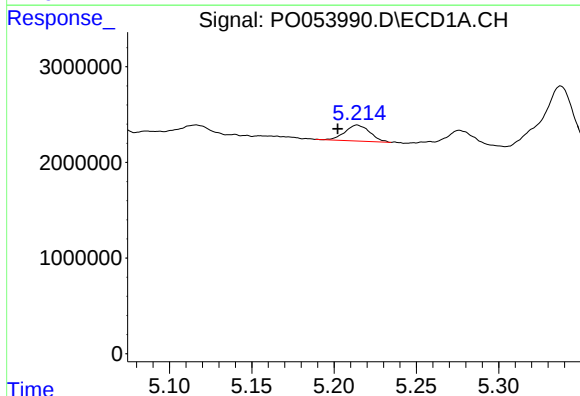
R.T.: 5.437 min
Delta R.T.: -0.027 min
Response: 32483609
Conc: 2530.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
02-21-DRUM-A



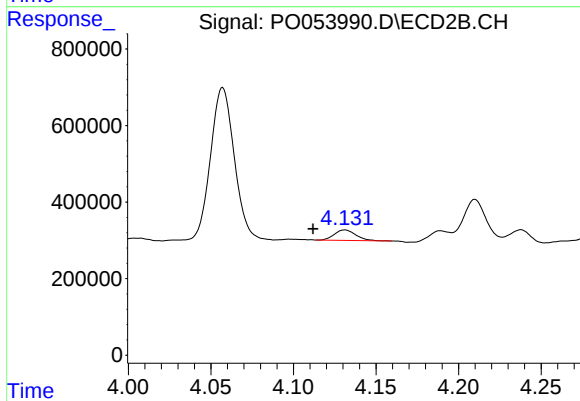
#15 AR-1232-5

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 582976
Conc: 165.52 ng/ml



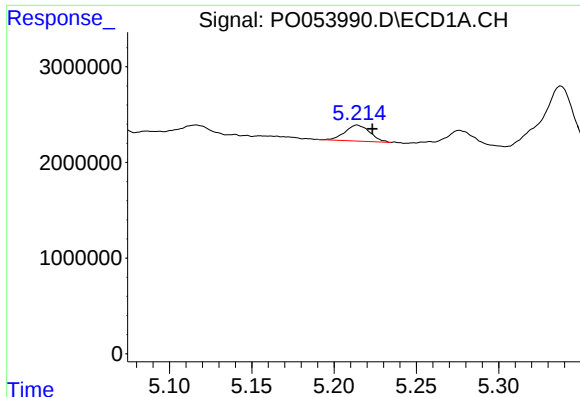
#16 AR-1242-1

R.T.: 5.214 min
Delta R.T.: 0.012 min
Response: 1763500
Conc: 33.32 ng/ml



#16 AR-1242-1

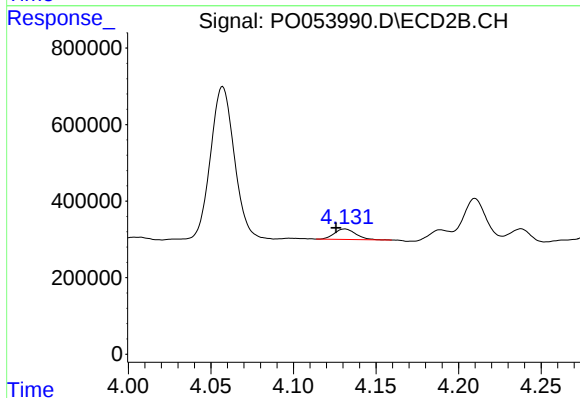
R.T.: 4.131 min
Delta R.T.: 0.019 min
Response: 246554
Conc: 29.74 ng/ml



#17 AR-1242-2

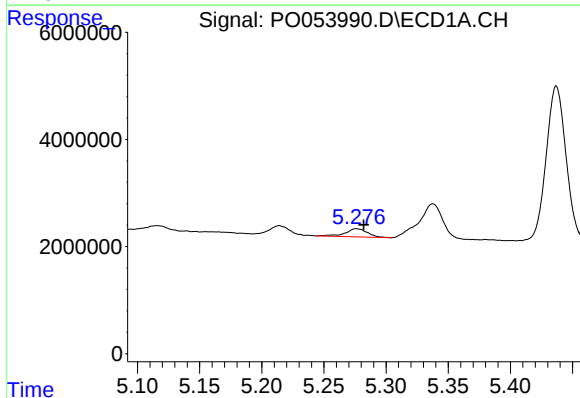
R.T.: 5.214 min
Delta R.T.: -0.009 min
Response: 1763500
Conc: 22.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
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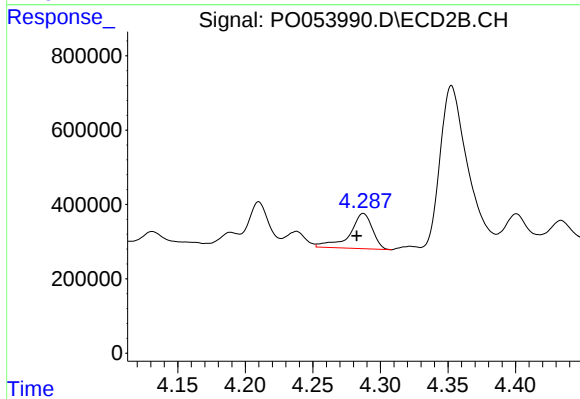
#17 AR-1242-2

R.T.: 4.131 min
Delta R.T.: 0.005 min
Response: 246554
Conc: 18.81 ng/ml



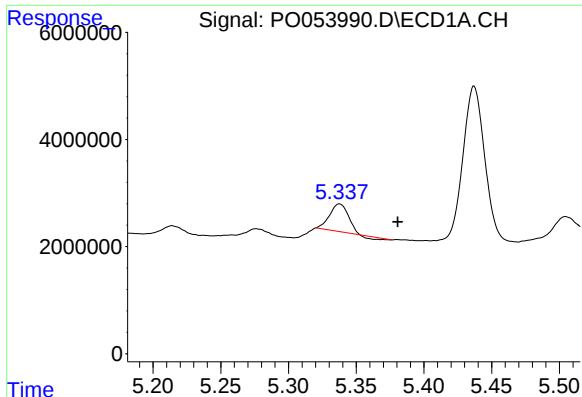
#18 AR-1242-3

R.T.: 5.276 min
Delta R.T.: -0.006 min
Response: 1898355
Conc: 41.08 ng/ml



#18 AR-1242-3

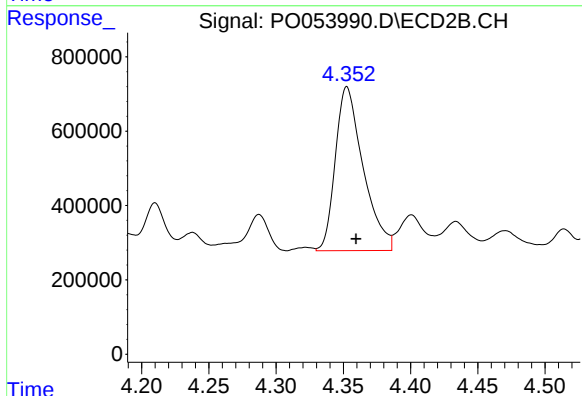
R.T.: 4.287 min
Delta R.T.: 0.005 min
Response: 1119788
Conc: 156.06 ng/ml



#19 AR-1242-4

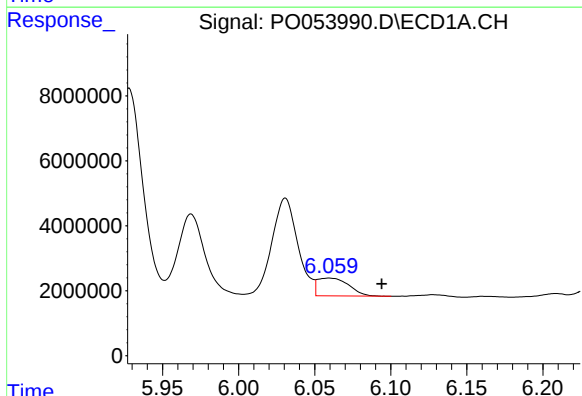
R.T.: 5.338 min
Delta R.T.: -0.043 min
Response: 4672058
Conc: 122.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
02-21-DRUM-A



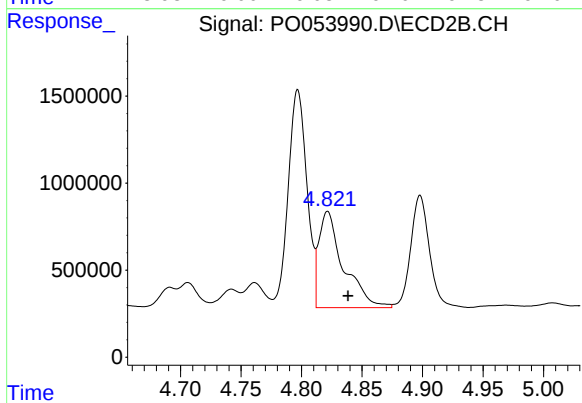
#19 AR-1242-4

R.T.: 4.353 min
Delta R.T.: -0.007 min
Response: 6310732
Conc: 946.47 ng/ml



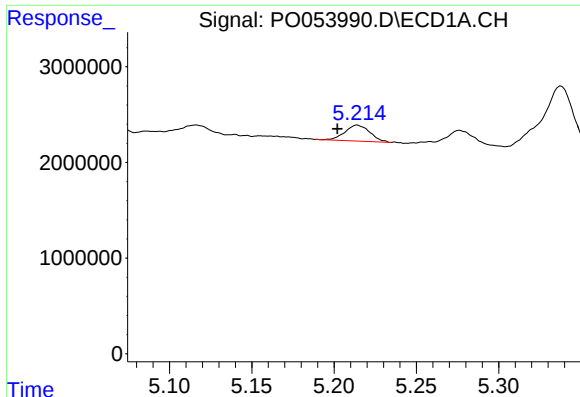
#20 AR-1242-5

R.T.: 6.060 min
Delta R.T.: -0.035 min
Response: 7801911
Conc: 213.87 ng/ml



#20 AR-1242-5

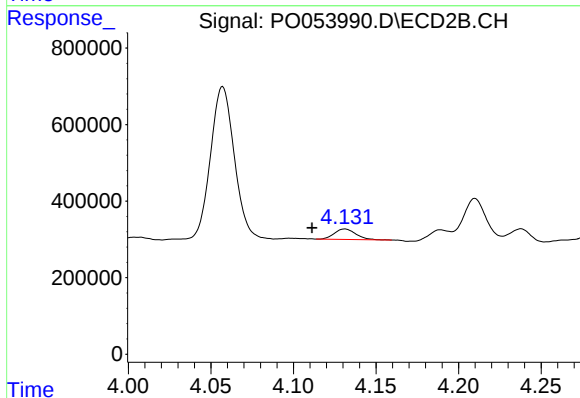
R.T.: 4.822 min
Delta R.T.: -0.017 min
Response: 7854978
Conc: 882.16 ng/ml



#21 AR-1248-1

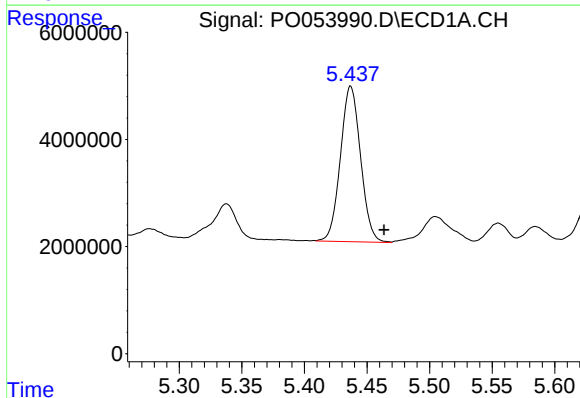
R.T.: 5.214 min
Delta R.T.: 0.012 min
Response: 1763500
Conc: 43.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
02-21-DRUM-A



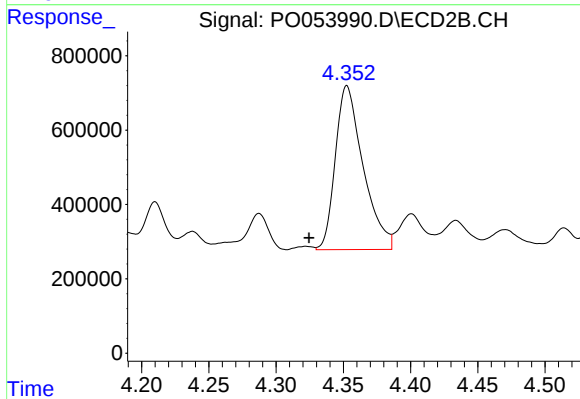
#21 AR-1248-1

R.T.: 4.131 min
Delta R.T.: 0.020 min
Response: 246554
Conc: 36.06 ng/ml



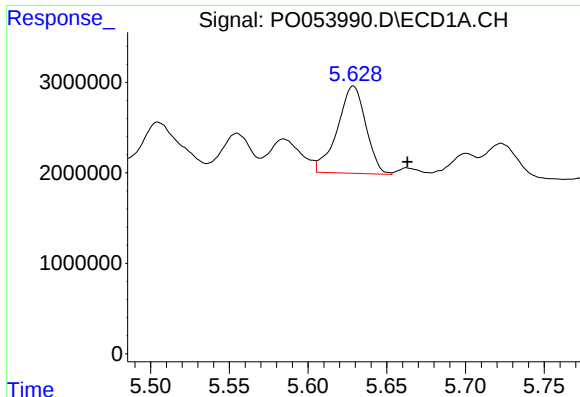
#22 AR-1248-2

R.T.: 5.437 min
Delta R.T.: -0.027 min
Response: 32483609
Conc: 636.32 ng/ml



#22 AR-1248-2

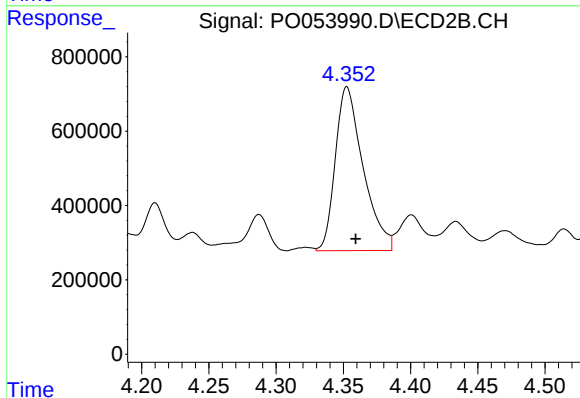
R.T.: 4.353 min
Delta R.T.: 0.028 min
Response: 6310732
Conc: 668.74 ng/ml



#23 AR-1248-3

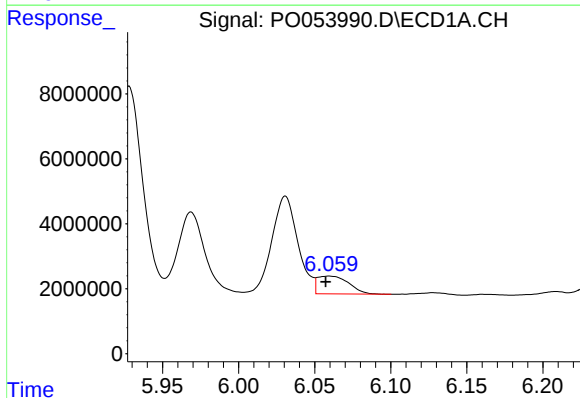
R.T.: 5.629 min
Delta R.T.: -0.034 min
Response: 12135761
Conc: 207.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
02-21-DRUM-A



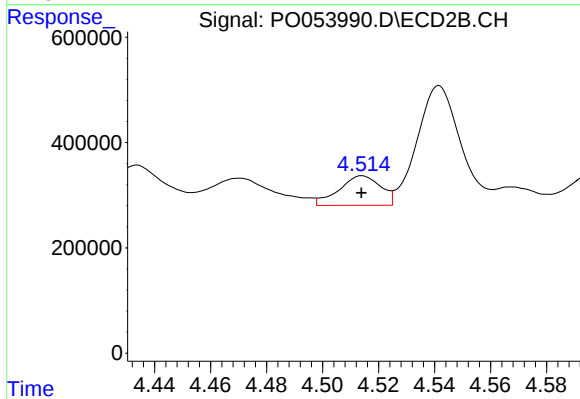
#23 AR-1248-3

R.T.: 4.353 min
Delta R.T.: -0.007 min
Response: 6310732
Conc: 655.43 ng/ml



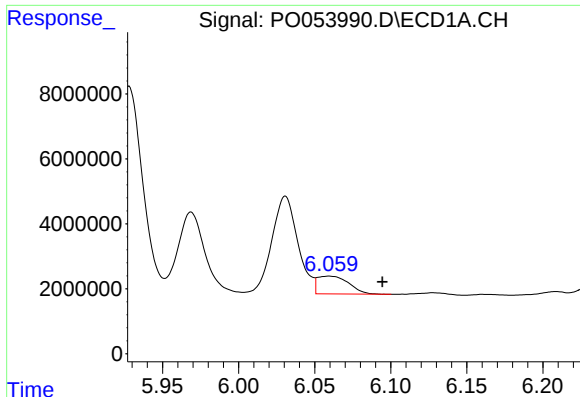
#24 AR-1248-4

R.T.: 6.060 min
Delta R.T.: 0.002 min
Response: 7801911
Conc: 124.74 ng/ml



#24 AR-1248-4

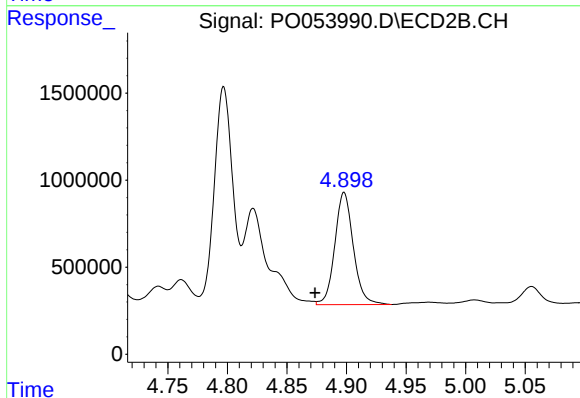
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 582976
Conc: 48.47 ng/ml



#25 AR-1248-5

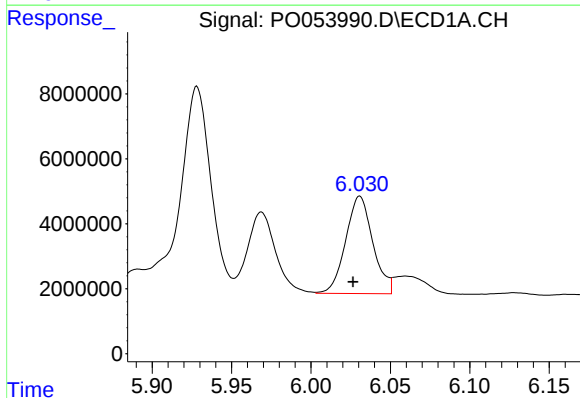
R.T.: 6.060 min
Delta R.T.: -0.035 min
Response: 7801911
Conc: 128.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
02-21-DRUM-A



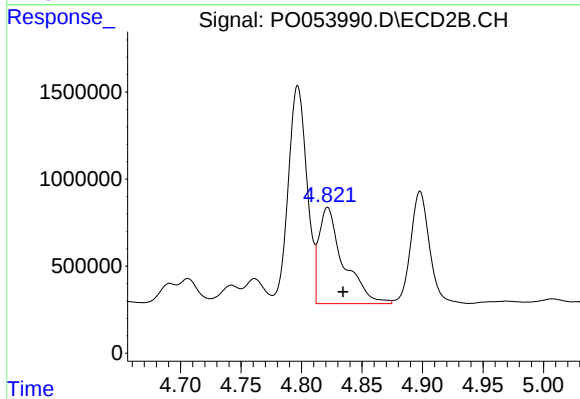
#25 AR-1248-5

R.T.: 4.898 min
Delta R.T.: 0.024 min
Response: 6960113
Conc: 560.19 ng/ml



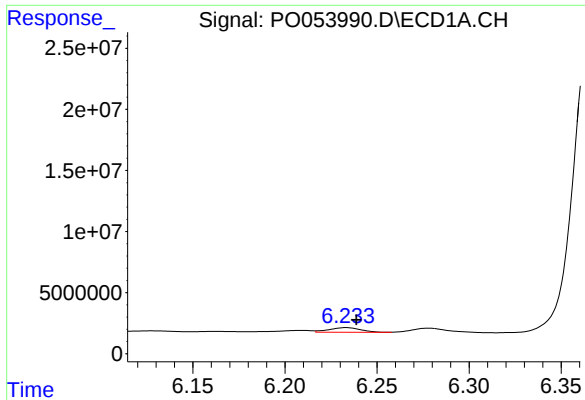
#26 AR-1254-1

R.T.: 6.031 min
Delta R.T.: 0.004 min
Response: 35769592
Conc: 226.44 ng/ml



#26 AR-1254-1

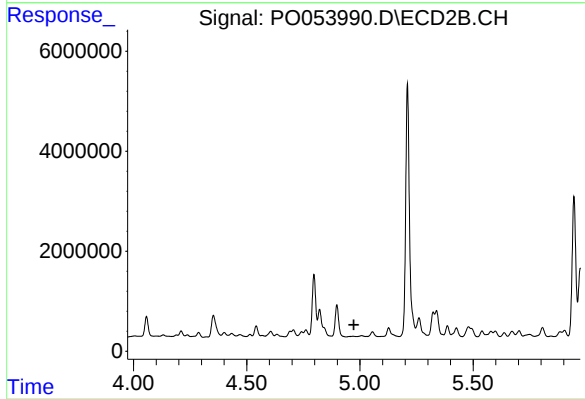
R.T.: 4.822 min
Delta R.T.: -0.013 min
Response: 7854978
Conc: 161.99 ng/ml



#27 AR-1254-2

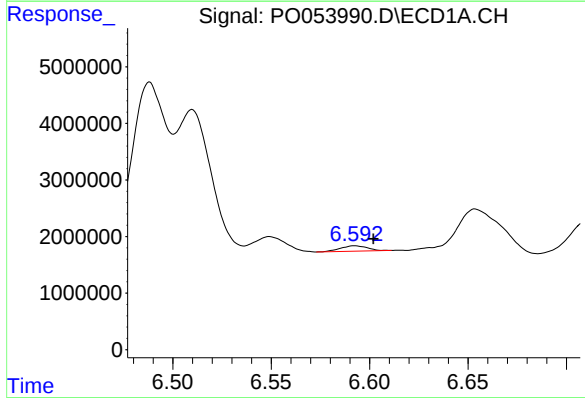
R.T.: 6.233 min
Delta R.T.: -0.006 min
Response: 4531344
Conc: 18.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
02-21-DRUM-A



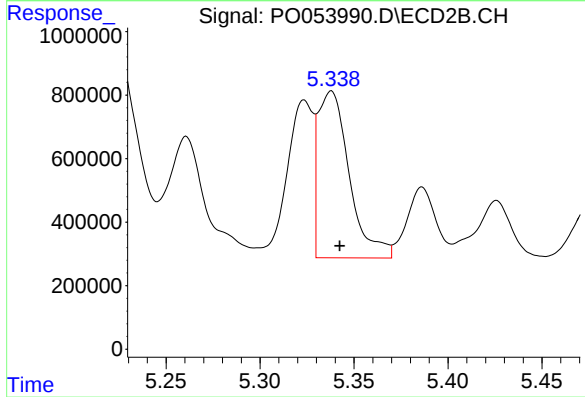
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 4.973 min
Response: 0
Conc: N.D.



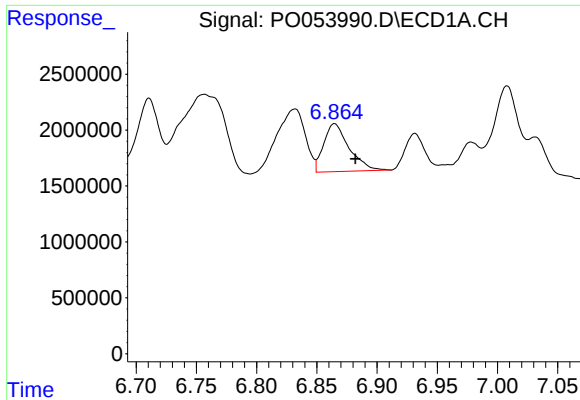
#28 AR-1254-3

R.T.: 6.592 min
Delta R.T.: -0.009 min
Response: 904853
Conc: 3.57 ng/ml



#28 AR-1254-3

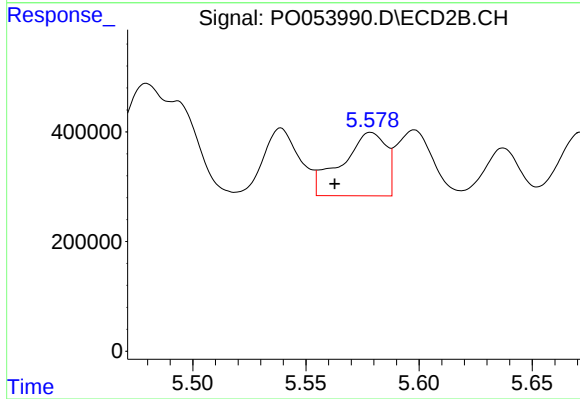
R.T.: 5.338 min
Delta R.T.: -0.004 min
Response: 6076150
Conc: 92.30 ng/ml



#29 AR-1254-4

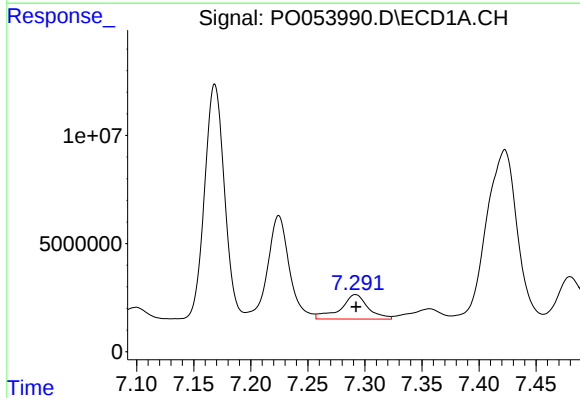
R.T.: 6.865 min
Delta R.T.: -0.017 min
Response: 6271753
Conc: 33.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
02-21-DRUM-A



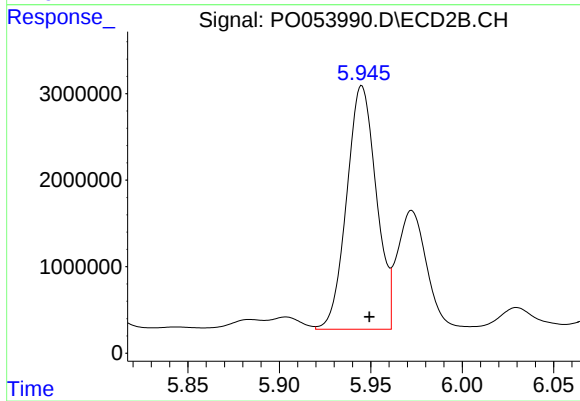
#29 AR-1254-4

R.T.: 5.579 min
Delta R.T.: 0.016 min
Response: 1576747
Conc: 36.34 ng/ml



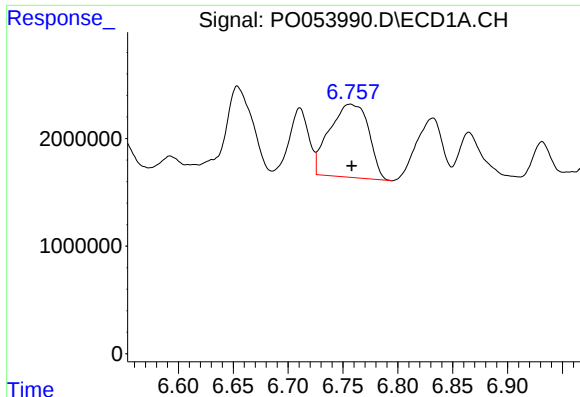
#30 AR-1254-5

R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 19088498
Conc: 106.58 ng/ml



#30 AR-1254-5

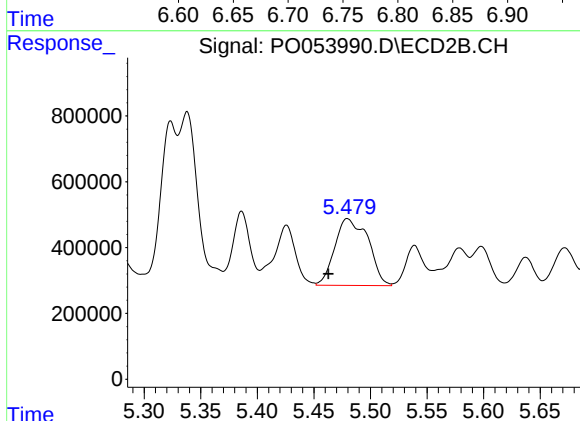
R.T.: 5.945 min
Delta R.T.: -0.004 min
Response: 31728488
Conc: 654.79 ng/ml



#31 AR-1260-1

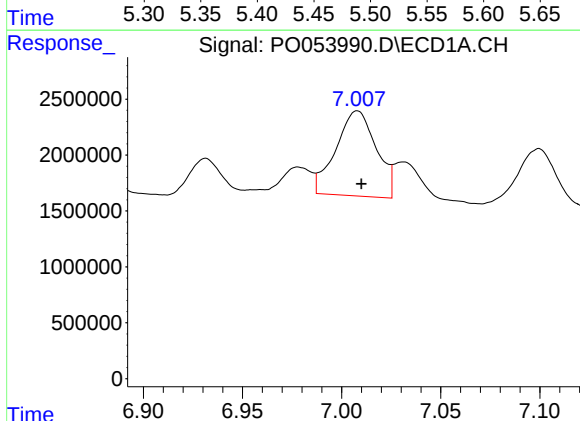
R.T.: 6.757 min
Delta R.T.: -0.001 min
Response: 16894490
Conc: 241.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
02-21-DRUM-A



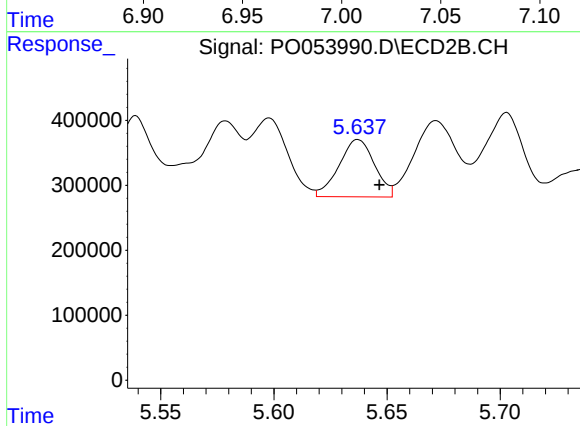
#31 AR-1260-1

R.T.: 5.480 min
Delta R.T.: 0.017 min
Response: 4162717
Conc: 218.11 ng/ml



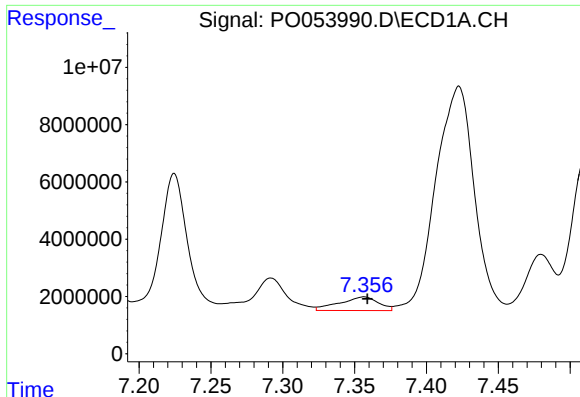
#32 AR-1260-2

R.T.: 7.008 min
Delta R.T.: -0.002 min
Response: 10820182
Conc: 125.11 ng/ml



#32 AR-1260-2

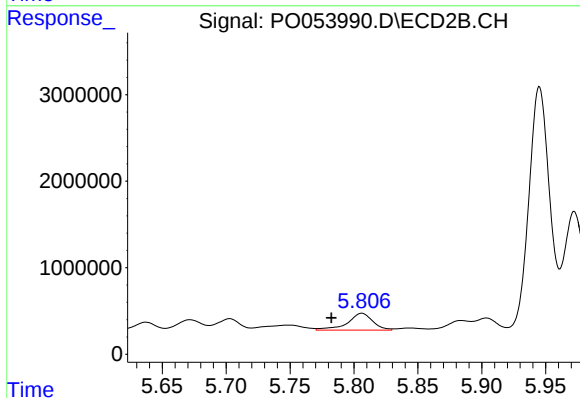
R.T.: 5.637 min
Delta R.T.: -0.009 min
Response: 964137
Conc: 41.26 ng/ml



#33 AR-1260-3

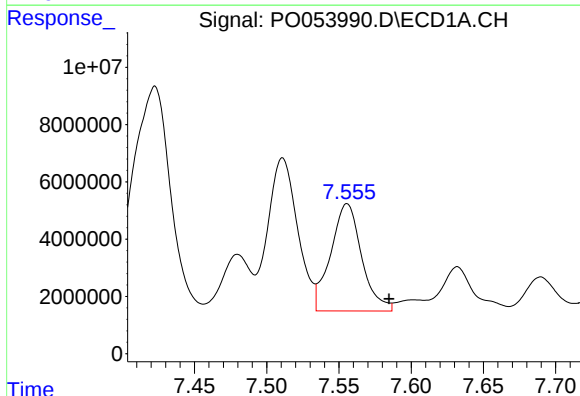
R.T.: 7.357 min
Delta R.T.: -0.002 min
Response: 9044278
Conc: 166.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
02-21-DRUM-A



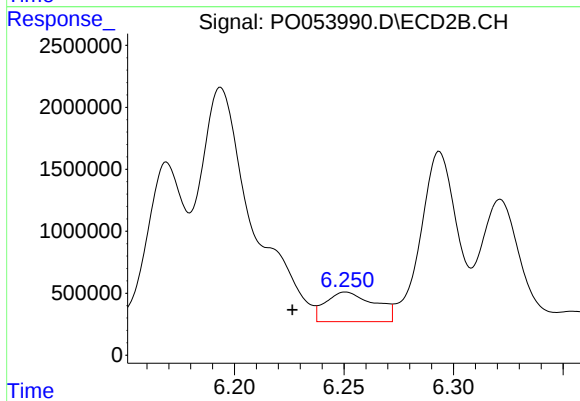
#33 AR-1260-3

R.T.: 5.806 min
Delta R.T.: 0.024 min
Response: 2676361
Conc: 123.85 ng/ml



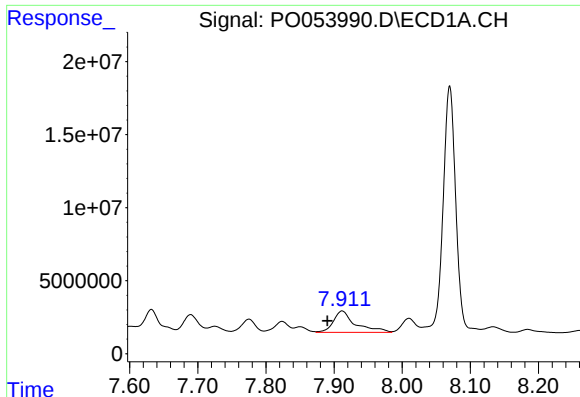
#34 AR-1260-4

R.T.: 7.556 min
Delta R.T.: -0.029 min
Response: 56047137
Conc: 976.92 ng/ml



#34 AR-1260-4

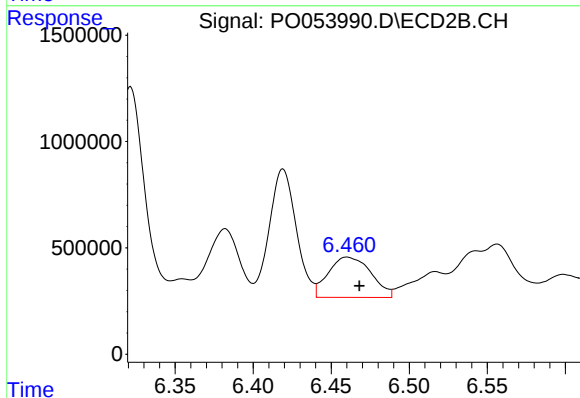
R.T.: 6.251 min
Delta R.T.: 0.024 min
Response: 3723792
Conc: 266.86 ng/ml



#35 AR-1260-5

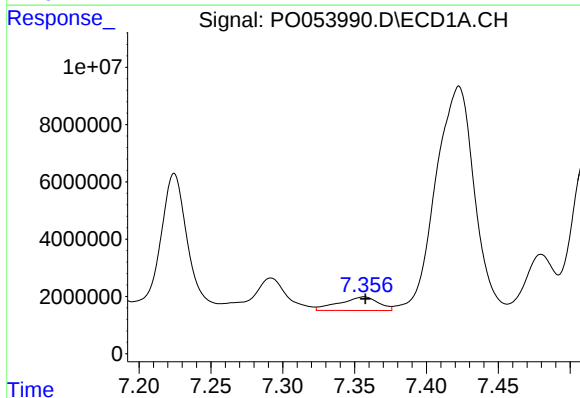
R.T.: 7.912 min
Delta R.T.: 0.022 min
Response: 33343410
Conc: 274.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
02-21-DRUM-A



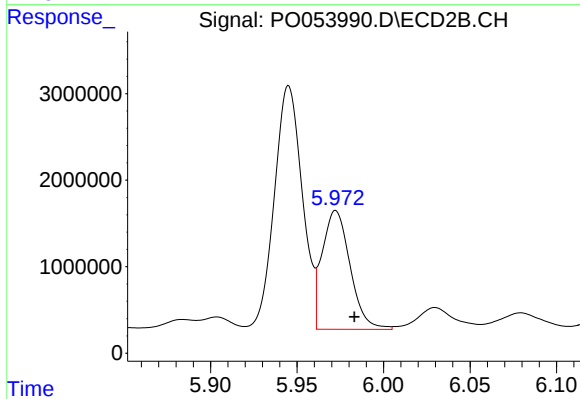
#35 AR-1260-5

R.T.: 6.460 min
Delta R.T.: -0.008 min
Response: 3614210
Conc: 106.56 ng/ml



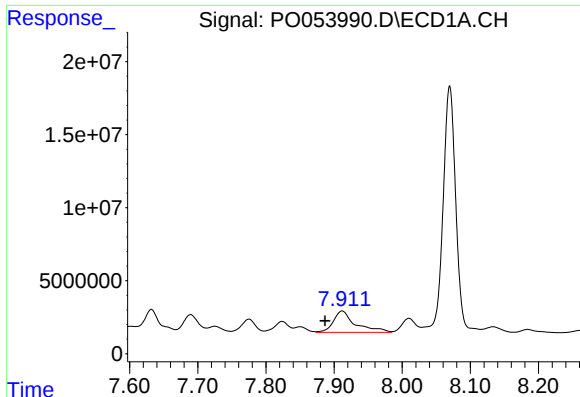
#36 AR-1262-1

R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 9044278
Conc: 95.92 ng/ml



#36 AR-1262-1

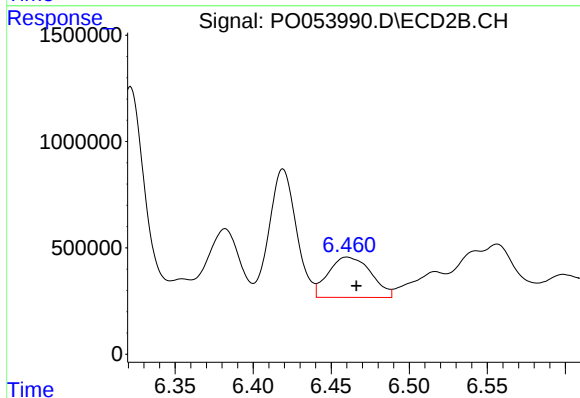
R.T.: 5.972 min
Delta R.T.: -0.011 min
Response: 15441090
Conc: 648.60 ng/ml



#37 AR-1262-2

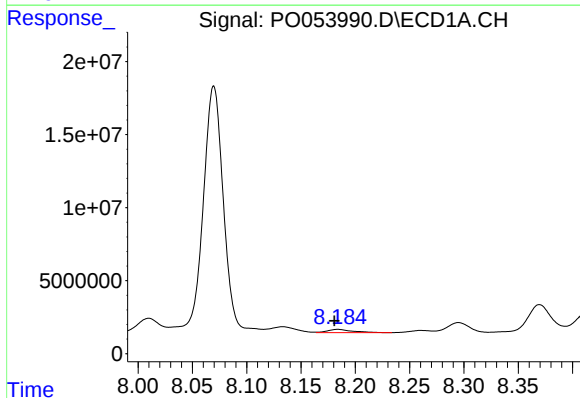
R.T.: 7.912 min
Delta R.T.: 0.025 min
Response: 33343410
Conc: 210.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
02-21-DRUM-A



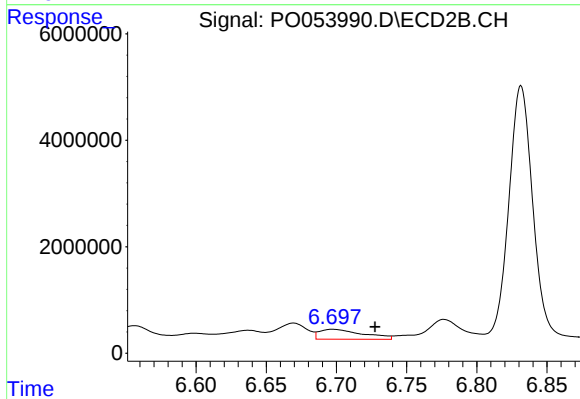
#37 AR-1262-2

R.T.: 6.460 min
Delta R.T.: -0.006 min
Response: 3614210
Conc: 90.11 ng/ml



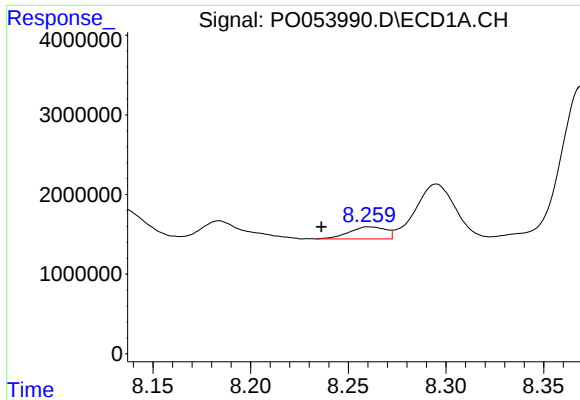
#38 AR-1262-3

R.T.: 8.184 min
Delta R.T.: 0.003 min
Response: 3495203
Conc: 105.23 ng/ml



#38 AR-1262-3

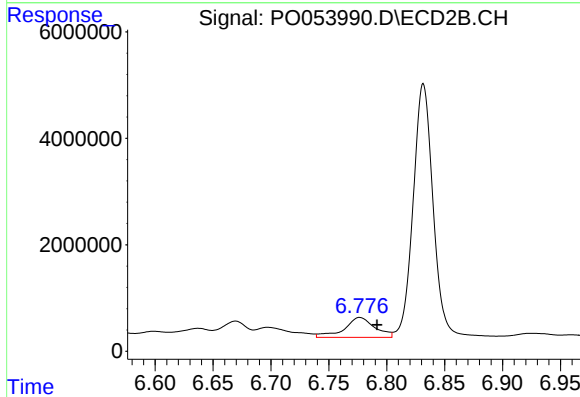
R.T.: 6.697 min
Delta R.T.: -0.030 min
Response: 4023901
Conc: 254.44 ng/ml



#39 AR-1262-4

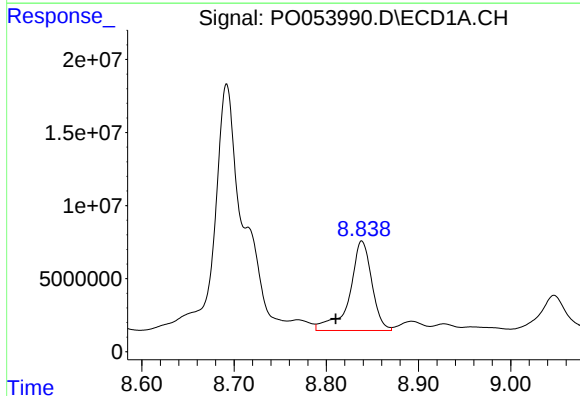
R.T.: 8.260 min
Delta R.T.: 0.024 min
Response: 1983127
Conc: 24.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
02-21-DRUM-A



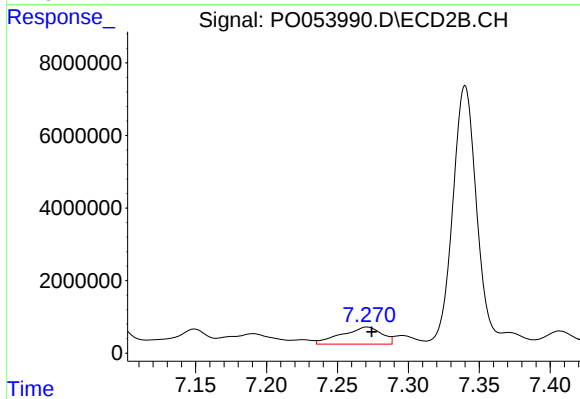
#39 AR-1262-4

R.T.: 6.777 min
Delta R.T.: -0.015 min
Response: 6845517
Conc: 233.67 ng/ml



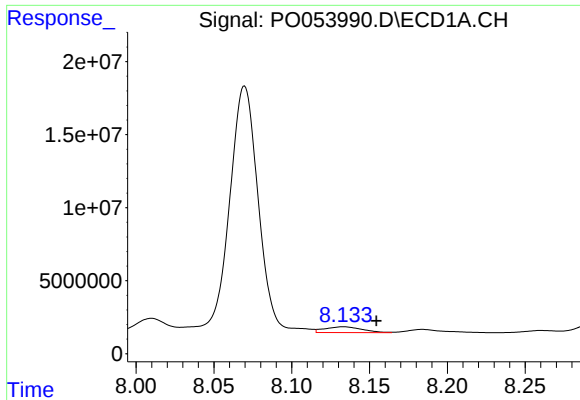
#40 AR-1262-5

R.T.: 8.838 min
Delta R.T.: 0.028 min
Response: 102334270
Conc: 1910.38 ng/ml



#40 AR-1262-5

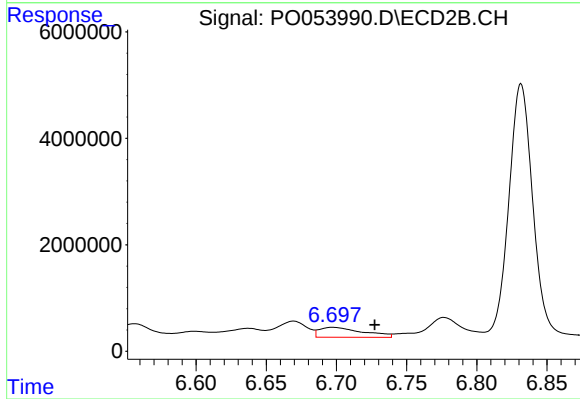
R.T.: 7.271 min
Delta R.T.: -0.003 min
Response: 9169209
Conc: 668.93 ng/ml



#41 AR-1268-1

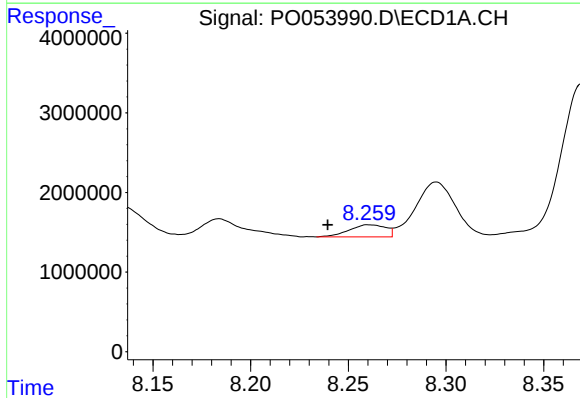
R.T.: 8.133 min
Delta R.T.: -0.021 min
Response: 6650772
Conc: 35.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
02-21-DRUM-A



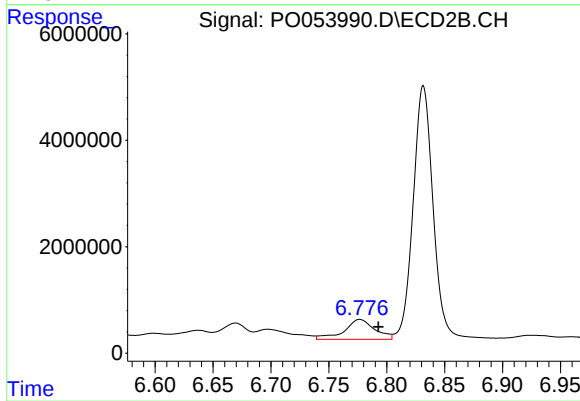
#41 AR-1268-1

R.T.: 6.697 min
Delta R.T.: -0.030 min
Response: 4023901
Conc: 88.23 ng/ml



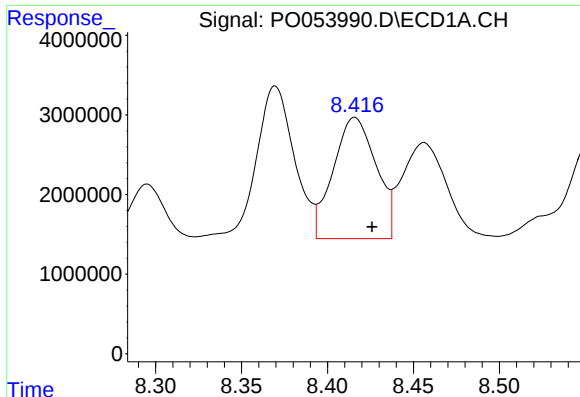
#42 AR-1268-2

R.T.: 8.260 min
Delta R.T.: 0.021 min
Response: 1983127
Conc: 11.20 ng/ml



#42 AR-1268-2

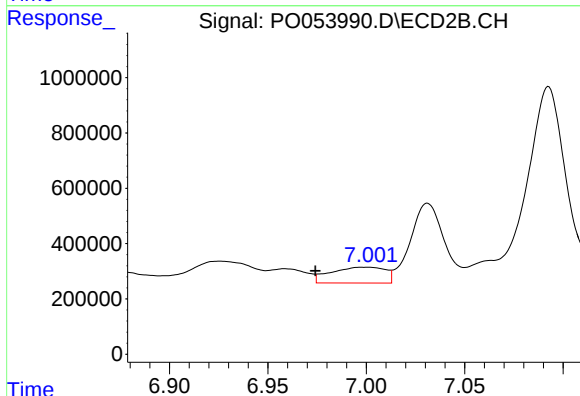
R.T.: 6.777 min
Delta R.T.: -0.016 min
Response: 6845517
Conc: 159.77 ng/ml



#43 AR-1268-3

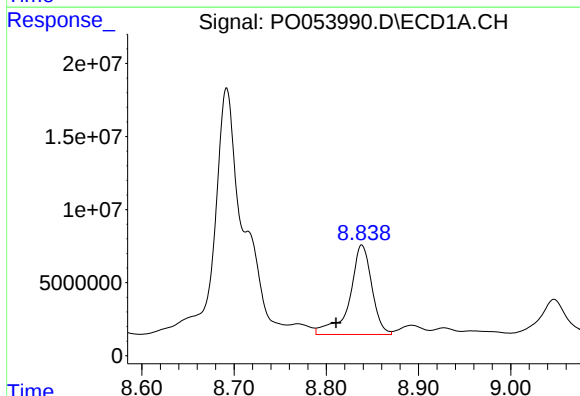
R.T.: 8.416 min
Delta R.T.: -0.010 min
Response: 26501441
Conc: 168.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
02-21-DRUM-A



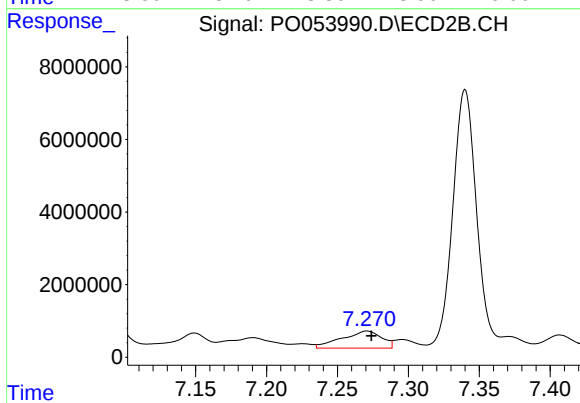
#43 AR-1268-3

R.T.: 7.001 min
Delta R.T.: 0.026 min
Response: 1103513
Conc: 30.45 ng/ml



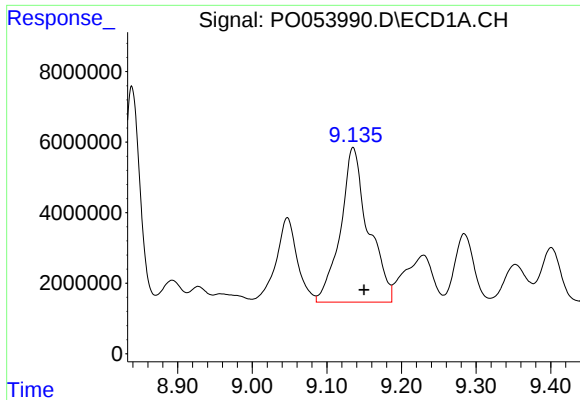
#44 AR-1268-4

R.T.: 8.838 min
Delta R.T.: 0.028 min
Response: 102334270
Conc: 1715.18 ng/ml



#44 AR-1268-4

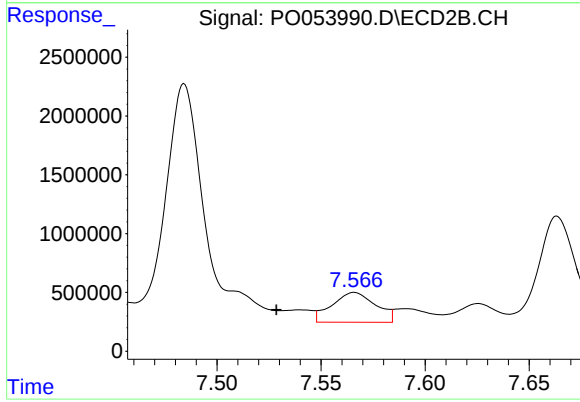
R.T.: 7.271 min
Delta R.T.: -0.003 min
Response: 9169209
Conc: 603.68 ng/ml



#45 AR-1268-5

R.T.: 9.135 min
Delta R.T.: -0.015 min
Response: 113669388
Conc: 242.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
02-21-DRUM-A



#45 AR-1268-5

R.T.: 7.566 min
Delta R.T.: 0.037 min
Response: 3703338
Conc: 34.44 ng/ml