

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0021120\
 Data File : P0066463.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Feb 2020 23:17
 Operator : DD\AJ
 Sample : L1479-02 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PCB-021020-SR-02

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 12 06:02:04 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0020720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Feb 06 18:14:46 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...	4.141	3.419	78502	104999	2.783	2.674
2)	SA Decachlor...	9.624	8.310	715260	1033936	17.320	17.770
Target Compounds							
3)	L1 AR-1016-1	5.290	4.474	336291	329683	273.783	224.488
4)	L1 AR-1016-2	5.311	4.491	511161	653425	273.501	229.275
5)	L1 AR-1016-3	5.371	4.664	379358	520852	337.740	418.331
6)	L1 AR-1016-4	5.469	4.706	485085	2441426	520.895	2379.281 #
7)	L1 AR-1016-5	5.758	4.914	1929465	2329030	2018.419	1740.135
12)	L3 AR-1232-2	5.026	4.491	173112	653425	558.187	617.687
13)	L3 AR-1232-3	5.311	4.664	511161	520852	752.157	1106.045 #
14)	L3 AR-1232-4	5.469	4.747	485085	1110597	1424.866	2776.501 #
15)	L3 AR-1232-5	5.558	4.914	2095238	2329030	8658.693	5149.733 #
16)	L4 AR-1242-1	5.290	4.474	336291	329683	392.683	317.390
17)	L4 AR-1242-2	5.311	4.491	511161	653425	387.546	329.211
18)	L4 AR-1242-3	5.371	4.664	379358	520852	484.652	585.317
19)	L4 AR-1242-4	5.469	4.747	485085	1110597	744.134	1278.582 #
20)	L4 AR-1242-5	6.195	5.261	4945714	87703150	6124.698	66841.154 #
21)	L5 AR-1248-1	5.290	4.474	336291	329683	491.751	405.451
22)	L5 AR-1248-2	5.558	4.706	2095238	2441426	2231.872	1935.358
23)	L5 AR-1248-3	5.758	4.747	1929465	1110597	1677.328	865.865 #
24)	L5 AR-1248-4	6.130	4.914	74379649	2329030	50471.726	1459.219 #
25)	L5 AR-1248-5	6.195	5.300	4945714	5999686	3529.959	3374.214
26)	L6 AR-1254-1	6.130	5.261	74379649	87703150	51138.492	31440.461 #
27)	L6 AR-1254-2	6.345	5.407	133.8E6	156.1E6	54494.413	59754.362
28)	L6 AR-1254-3	6.708	5.818	96365300	379.2E6	35785.719	89046.720 #
29)	L6 AR-1254-4	6.990	6.031	85118666	60972623	36867.770	19896.248 #
30)	L6 AR-1254-5	7.406	6.444	660.8E6	730.2E6	281193.110	166026.736 #
31)	L7 AR-1260-1	6.870	5.933	390.3E6	474.2E6	183405.262	143301.451
32)	L7 AR-1260-2	7.126	6.122	570.1E6	721.0E6	185386.079	140178.512
33)	L7 AR-1260-3	7.481	6.271	460.9E6	589.8E6	174751.695	150481.951
34)	L7 AR-1260-4	7.704	6.737	474.5E6	528.4E6	190531.793	145852.845
35)	L7 AR-1260-5	8.011	6.981	845.3E6	1185.5E6	149963.522	123299.341
36)	L8 AR-1262-1	7.481	6.534	460.9E6	428.3E6	133433.327	179094.955 #
37)	L8 AR-1262-2	8.011	6.981	845.3E6	1185.5E6	146020.434	118853.224
38)	L8 AR-1262-3	8.307	7.258	657.7E6	333.6E6	178564.553	87103.632 #
39)	L8 AR-1262-4	8.356	7.322	462.3E6	911.6E6	166204.485	142420.273
40)	L8 AR-1262-5	8.965	7.815	304.0E6	368.7E6	171128.123	135389.631
41)	L9 AR-1268-1	8.307	7.258	657.7E6	333.6E6	89238.115	26828.468 #
42)	L9 AR-1268-2	8.356	7.322	462.3E6	911.6E6	74235.798	86379.772
43)	L9 AR-1268-3	8.578	7.522	8820230	13648548	1623.991	1559.585
44)	L9 AR-1268-4	8.965	7.815	304.0E6	368.7E6	141782.404	113072.608
45)	L9 AR-1268-5	9.330	8.082	54646937	77543109	3513.036	3283.185

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0021120\
Data File : P0066463.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Feb 2020 23:17
Operator : DD\AJ
Sample : L1479-02 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

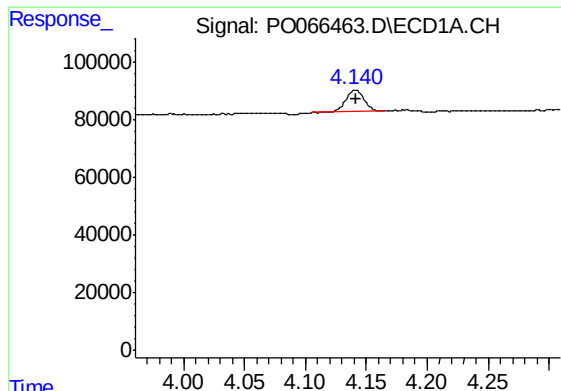
Instrument :
ECD_O
ClientSampleId :
PCB-021020-SR-02

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 06:02:04 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0020720.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Feb 06 18:14:46 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
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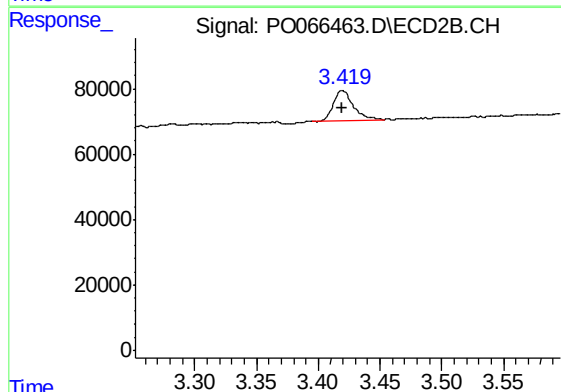
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

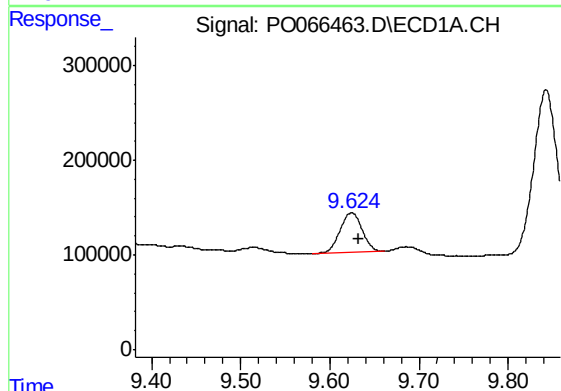
R.T.: 4.141 min
Delta R.T.: -0.001 min
Response: 78502
Conc: 2.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-021020-SR-02



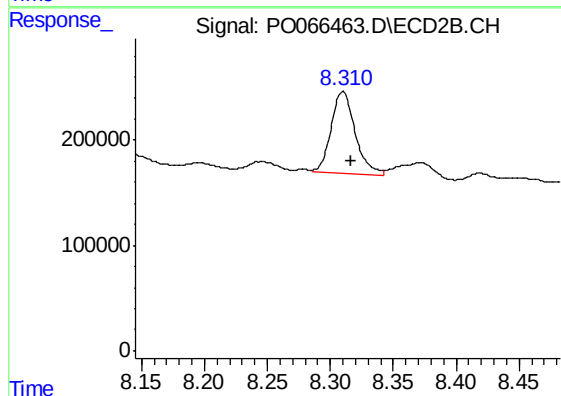
#1 Tetrachloro-m-xylene

R.T.: 3.419 min
Delta R.T.: 0.000 min
Response: 104999
Conc: 2.67 ng/ml



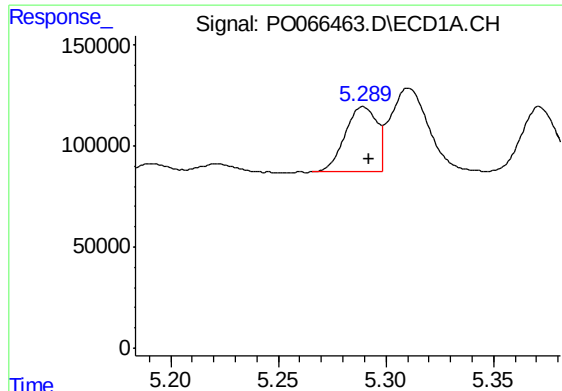
#2 Decachlorobiphenyl

R.T.: 9.624 min
Delta R.T.: -0.008 min
Response: 715260
Conc: 17.32 ng/ml



#2 Decachlorobiphenyl

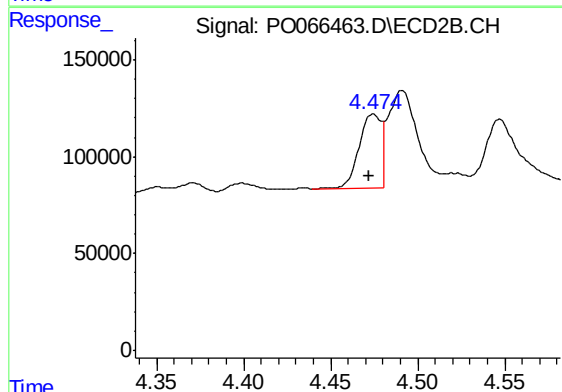
R.T.: 8.310 min
Delta R.T.: -0.006 min
Response: 1033936
Conc: 17.77 ng/ml



#3 AR-1016-1

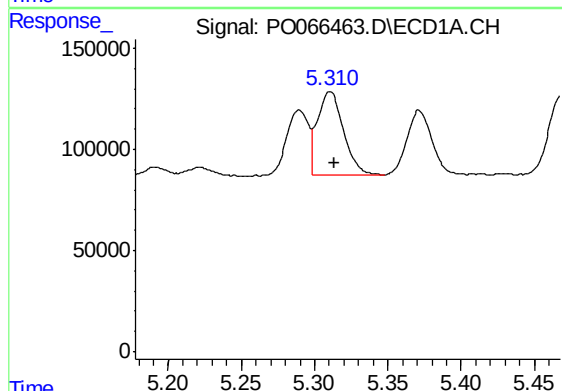
R.T.: 5.290 min
Delta R.T.: -0.002 min
Response: 336291
Conc: 273.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-021020-SR-02



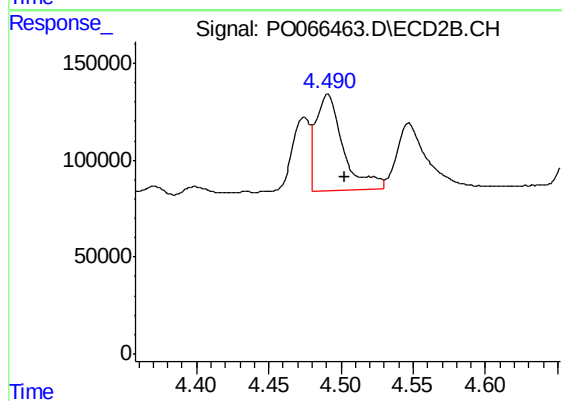
#3 AR-1016-1

R.T.: 4.474 min
Delta R.T.: 0.002 min
Response: 329683
Conc: 224.49 ng/ml



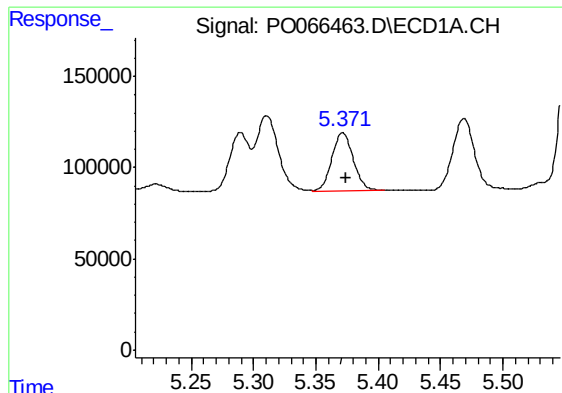
#4 AR-1016-2

R.T.: 5.311 min
Delta R.T.: -0.003 min
Response: 511161
Conc: 273.50 ng/ml



#4 AR-1016-2

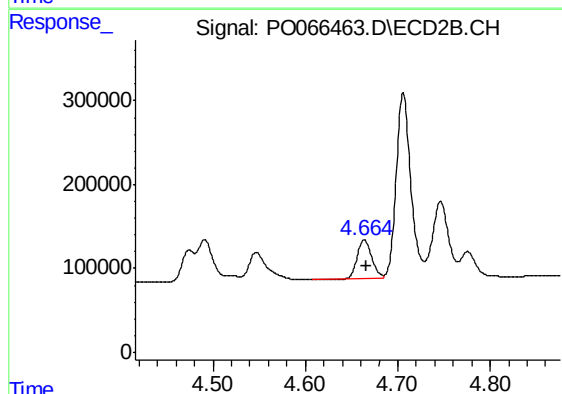
R.T.: 4.491 min
Delta R.T.: -0.012 min
Response: 653425
Conc: 229.27 ng/ml



#5 AR-1016-3

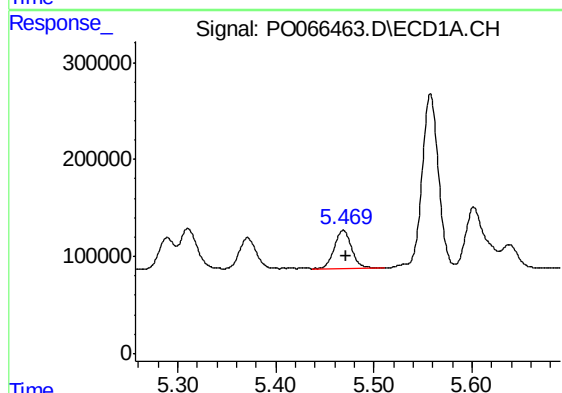
R.T.: 5.371 min
Delta R.T.: -0.003 min
Response: 379358
Conc: 337.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-021020-SR-02



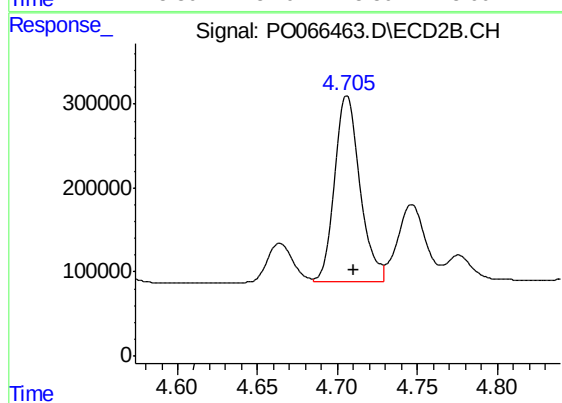
#5 AR-1016-3

R.T.: 4.664 min
Delta R.T.: -0.002 min
Response: 520852
Conc: 418.33 ng/ml



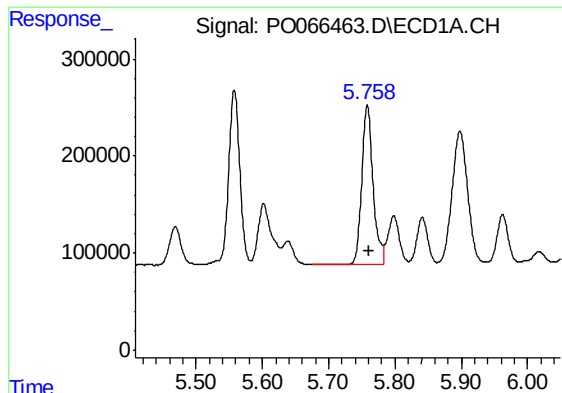
#6 AR-1016-4

R.T.: 5.469 min
Delta R.T.: -0.003 min
Response: 485085
Conc: 520.89 ng/ml



#6 AR-1016-4

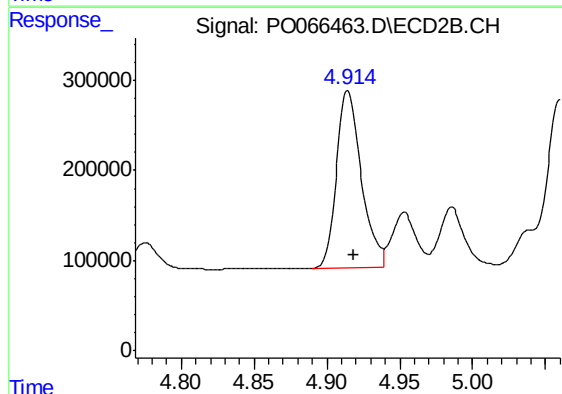
R.T.: 4.706 min
Delta R.T.: -0.004 min
Response: 2441426
Conc: 2379.28 ng/ml



#7 AR-1016-5

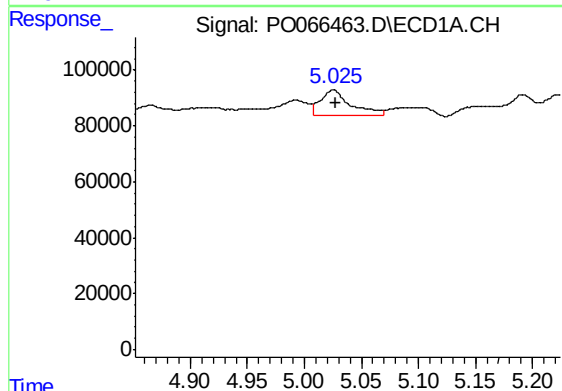
R.T.: 5.758 min
Delta R.T.: -0.003 min
Response: 1929465
Conc: 2018.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-021020-SR-02



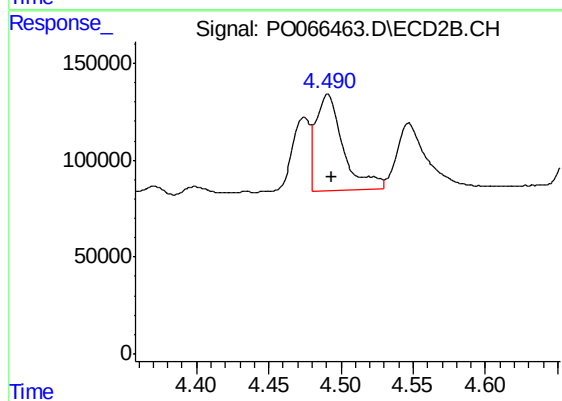
#7 AR-1016-5

R.T.: 4.914 min
Delta R.T.: -0.004 min
Response: 2329030
Conc: 1740.13 ng/ml



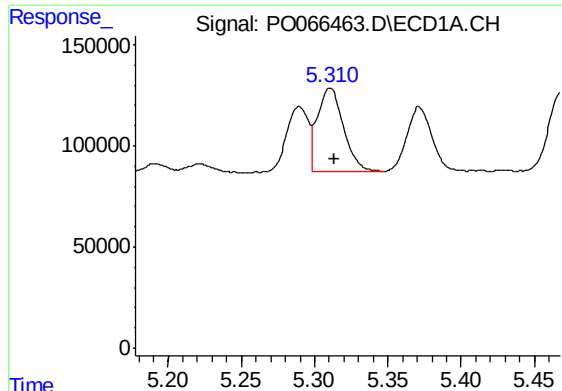
#12 AR-1232-2

R.T.: 5.026 min
Delta R.T.: -0.002 min
Response: 173112
Conc: 558.19 ng/ml



#12 AR-1232-2

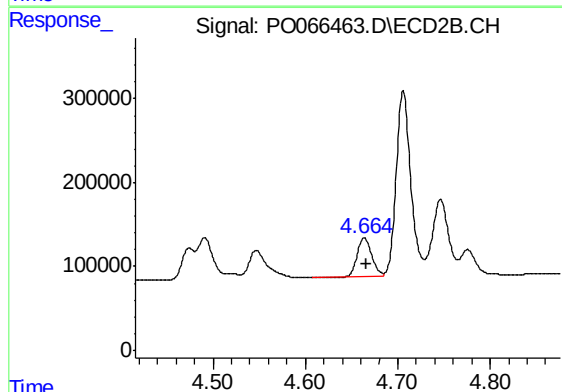
R.T.: 4.491 min
Delta R.T.: -0.003 min
Response: 653425
Conc: 617.69 ng/ml



#13 AR-1232-3

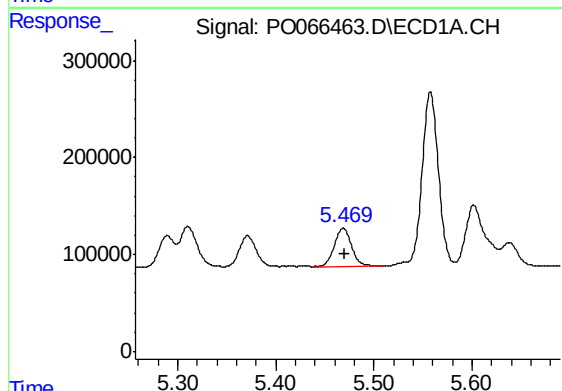
R.T.: 5.311 min
Delta R.T.: -0.003 min
Response: 511161
Conc: 752.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-021020-SR-02



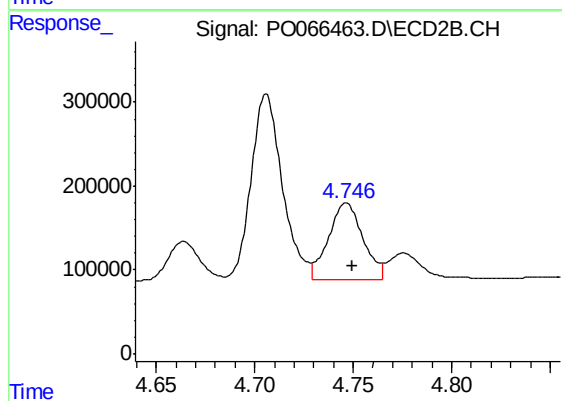
#13 AR-1232-3

R.T.: 4.664 min
Delta R.T.: -0.002 min
Response: 520852
Conc: 1106.04 ng/ml



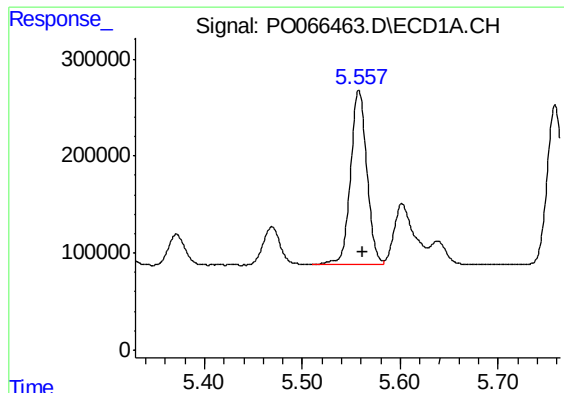
#14 AR-1232-4

R.T.: 5.469 min
Delta R.T.: -0.002 min
Response: 485085
Conc: 1424.87 ng/ml



#14 AR-1232-4

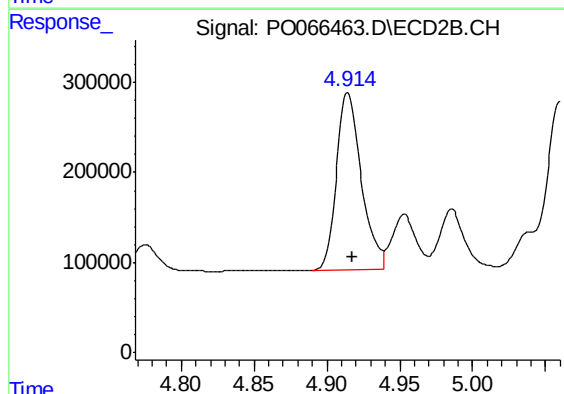
R.T.: 4.747 min
Delta R.T.: -0.003 min
Response: 1110597
Conc: 2776.50 ng/ml



#15 AR-1232-5

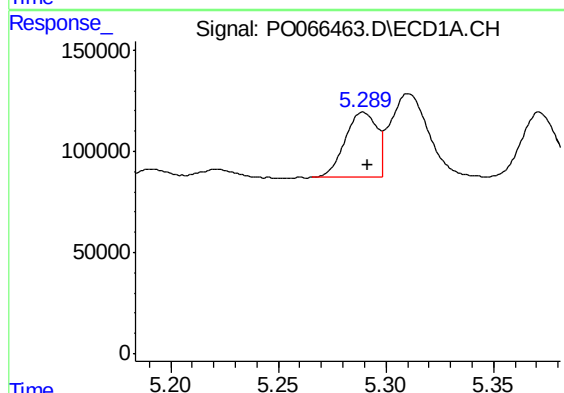
R.T.: 5.558 min
Delta R.T.: -0.003 min
Response: 2095238
Conc: 8658.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-021020-SR-02



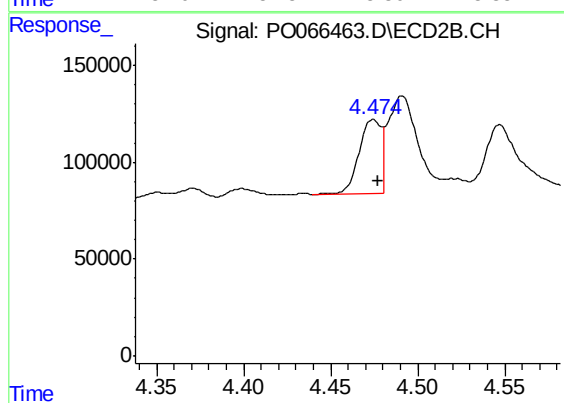
#15 AR-1232-5

R.T.: 4.914 min
Delta R.T.: -0.004 min
Response: 2329030
Conc: 5149.73 ng/ml



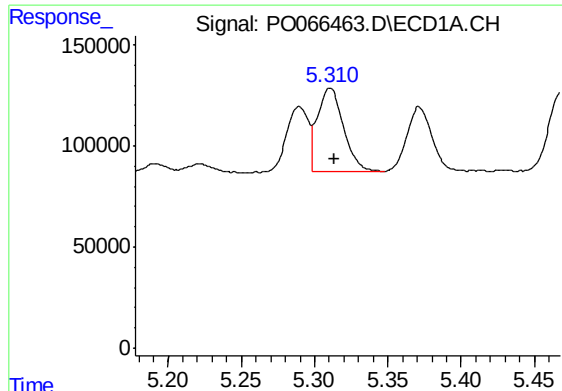
#16 AR-1242-1

R.T.: 5.290 min
Delta R.T.: -0.002 min
Response: 336291
Conc: 392.68 ng/ml



#16 AR-1242-1

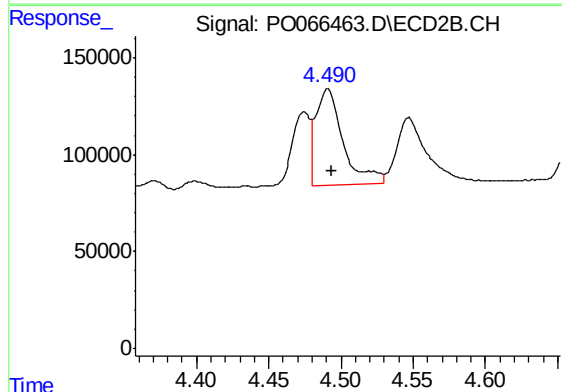
R.T.: 4.474 min
Delta R.T.: -0.003 min
Response: 329683
Conc: 317.39 ng/ml



#17 AR-1242-2

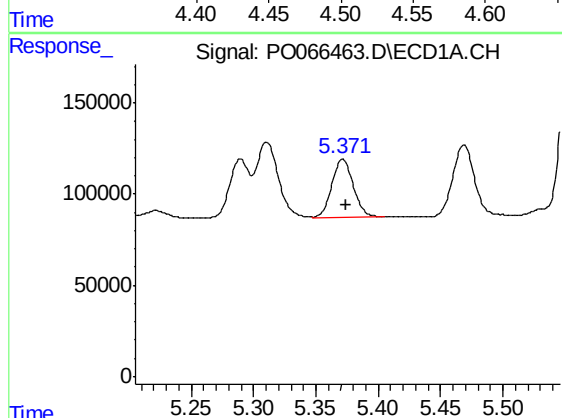
R.T.: 5.311 min
Delta R.T.: -0.003 min
Response: 511161
Conc: 387.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-021020-SR-02



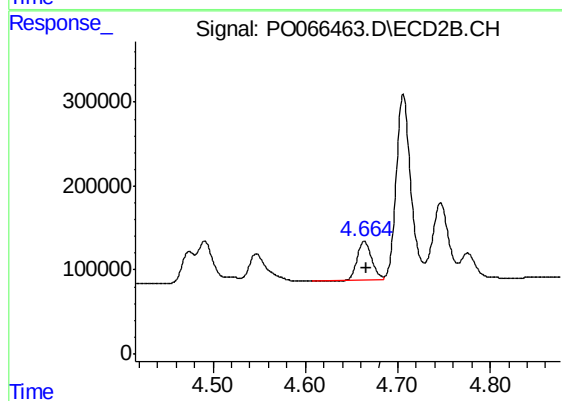
#17 AR-1242-2

R.T.: 4.491 min
Delta R.T.: -0.003 min
Response: 653425
Conc: 329.21 ng/ml



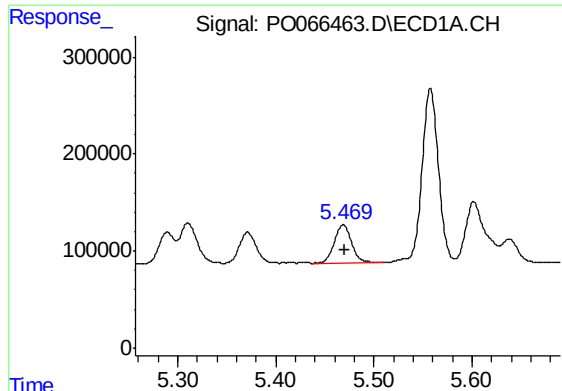
#18 AR-1242-3

R.T.: 5.371 min
Delta R.T.: -0.003 min
Response: 379358
Conc: 484.65 ng/ml



#18 AR-1242-3

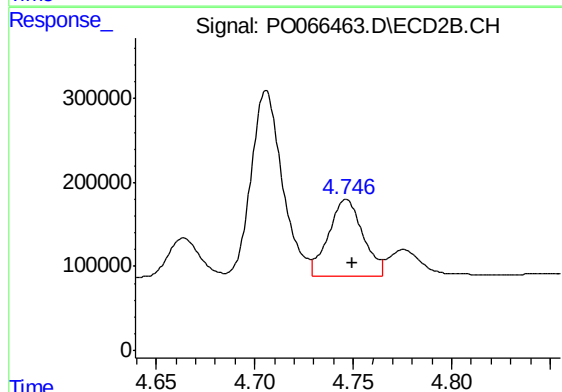
R.T.: 4.664 min
Delta R.T.: -0.002 min
Response: 520852
Conc: 585.32 ng/ml



#19 AR-1242-4

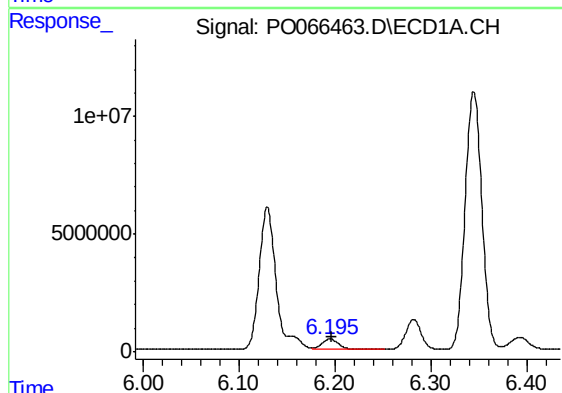
R.T.: 5.469 min
Delta R.T.: -0.002 min
Response: 485085
Conc: 744.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-021020-SR-02



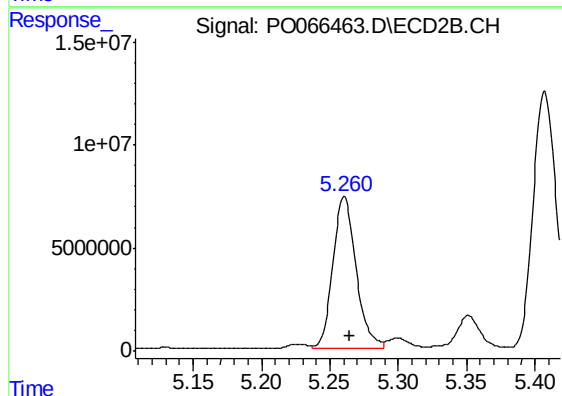
#19 AR-1242-4

R.T.: 4.747 min
Delta R.T.: -0.003 min
Response: 1110597
Conc: 1278.58 ng/ml



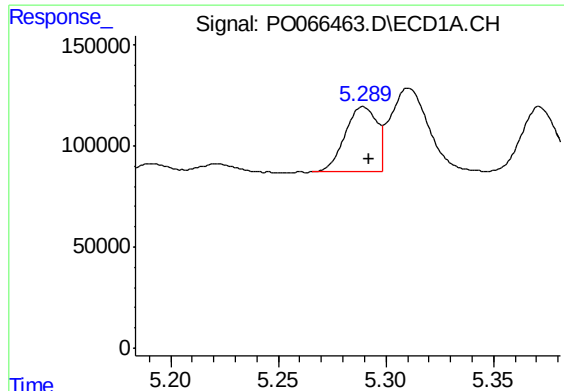
#20 AR-1242-5

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 4945714
Conc: 6124.70 ng/ml



#20 AR-1242-5

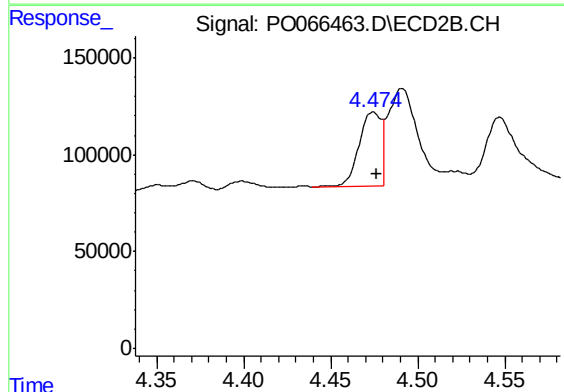
R.T.: 5.261 min
Delta R.T.: -0.004 min
Response: 87703150
Conc: 66841.15 ng/ml



#21 AR-1248-1

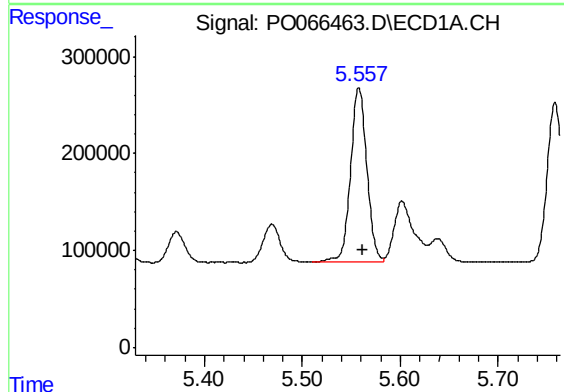
R.T.: 5.290 min
Delta R.T.: -0.003 min
Response: 336291
Conc: 491.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-021020-SR-02



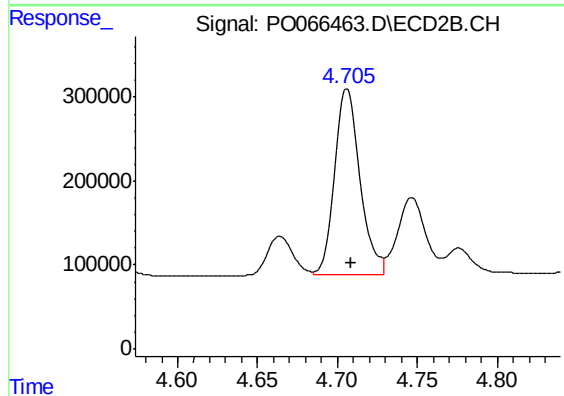
#21 AR-1248-1

R.T.: 4.474 min
Delta R.T.: -0.002 min
Response: 329683
Conc: 405.45 ng/ml



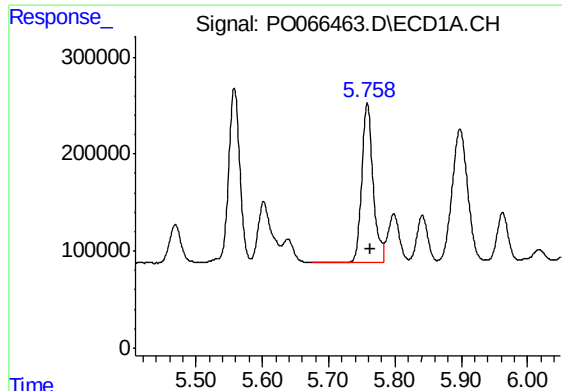
#22 AR-1248-2

R.T.: 5.558 min
Delta R.T.: -0.003 min
Response: 2095238
Conc: 2231.87 ng/ml



#22 AR-1248-2

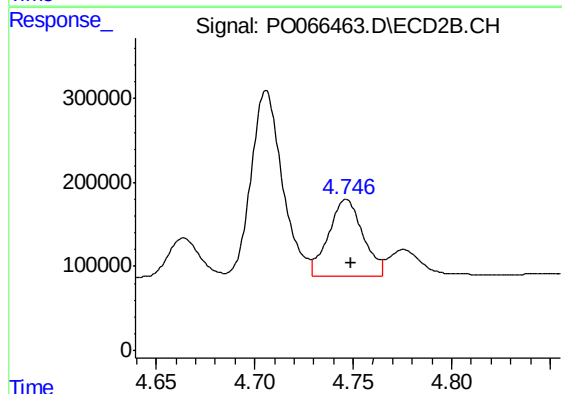
R.T.: 4.706 min
Delta R.T.: -0.003 min
Response: 2441426
Conc: 1935.36 ng/ml



#23 AR-1248-3

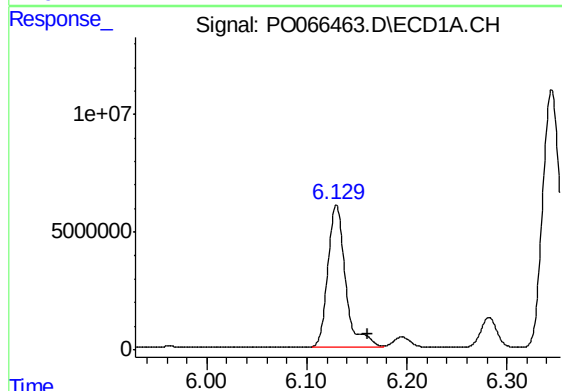
R.T.: 5.758 min
Delta R.T.: -0.004 min
Response: 1929465
Conc: 1677.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-021020-SR-02



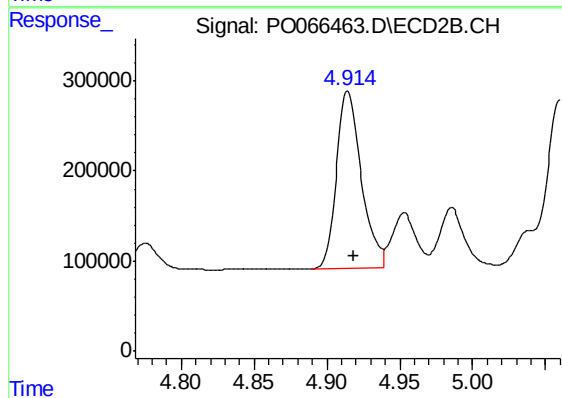
#23 AR-1248-3

R.T.: 4.747 min
Delta R.T.: -0.003 min
Response: 1110597
Conc: 865.87 ng/ml



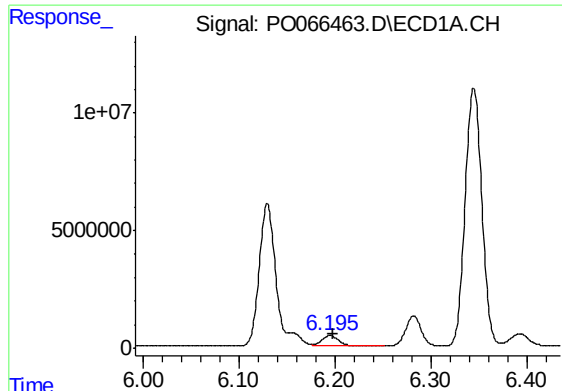
#24 AR-1248-4

R.T.: 6.130 min
Delta R.T.: -0.032 min
Response: 74379649
Conc: 50471.73 ng/ml



#24 AR-1248-4

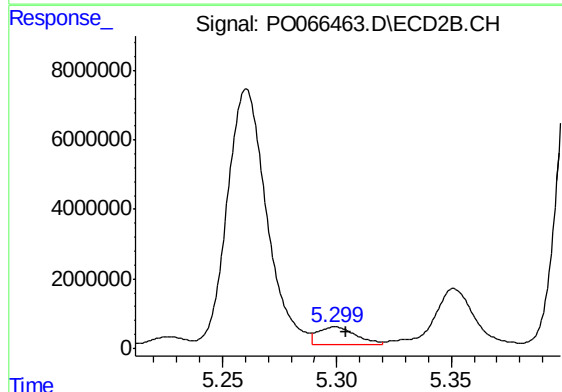
R.T.: 4.914 min
Delta R.T.: -0.004 min
Response: 2329030
Conc: 1459.22 ng/ml



#25 AR-1248-5

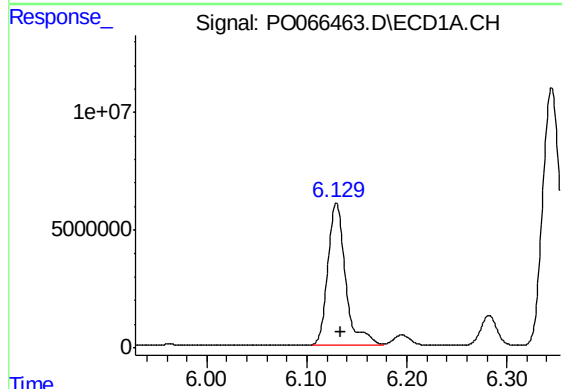
R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 4945714
Conc: 3529.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-021020-SR-02



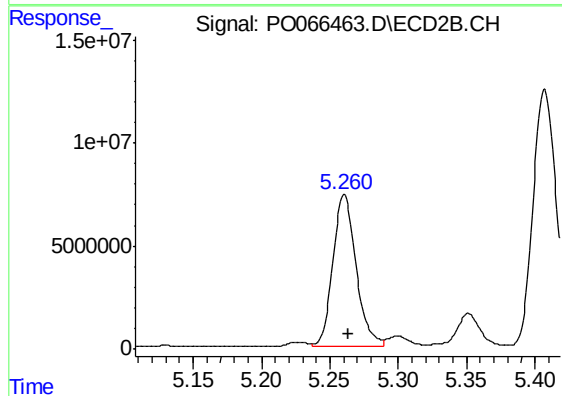
#25 AR-1248-5

R.T.: 5.300 min
Delta R.T.: -0.005 min
Response: 5999686
Conc: 3374.21 ng/ml



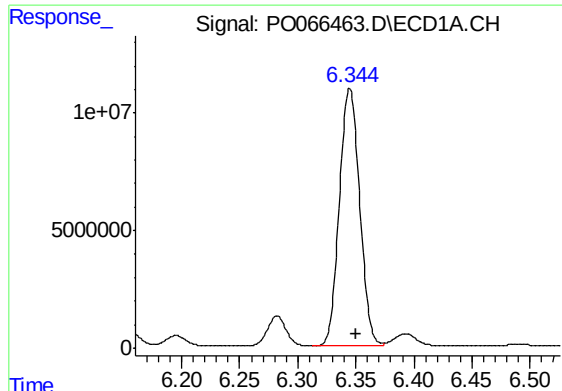
#26 AR-1254-1

R.T.: 6.130 min
Delta R.T.: -0.004 min
Response: 74379649
Conc: 51138.49 ng/ml



#26 AR-1254-1

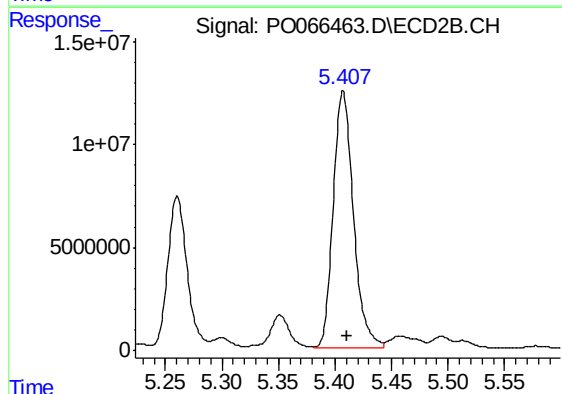
R.T.: 5.261 min
Delta R.T.: -0.003 min
Response: 87703150
Conc: 31440.46 ng/ml



#27 AR-1254-2

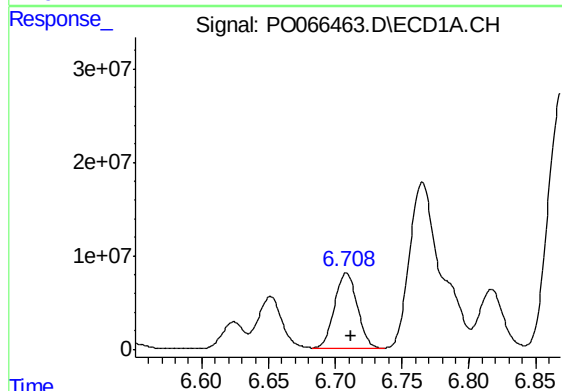
R.T.: 6.345 min
Delta R.T.: -0.005 min
Response: 133826450
Conc: 54494.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-021020-SR-02



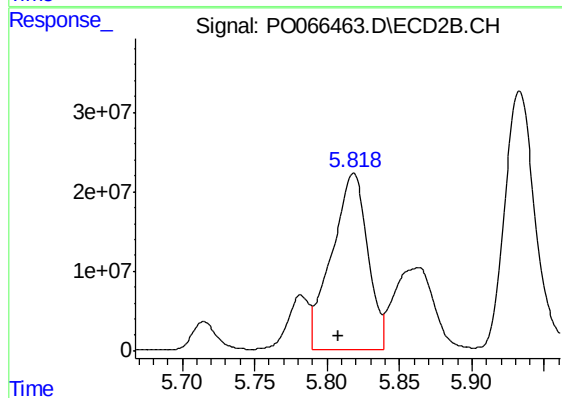
#27 AR-1254-2

R.T.: 5.407 min
Delta R.T.: -0.003 min
Response: 156051053
Conc: 59754.36 ng/ml



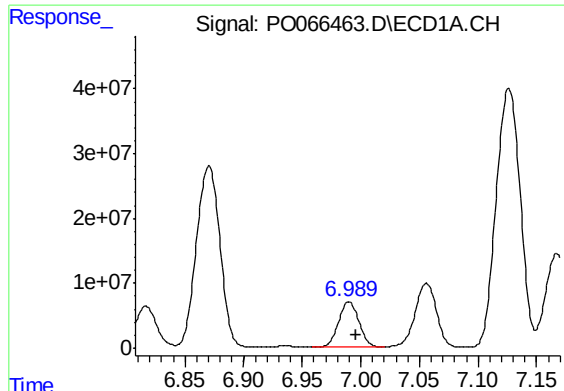
#28 AR-1254-3

R.T.: 6.708 min
Delta R.T.: -0.004 min
Response: 96365300
Conc: 35785.72 ng/ml



#28 AR-1254-3

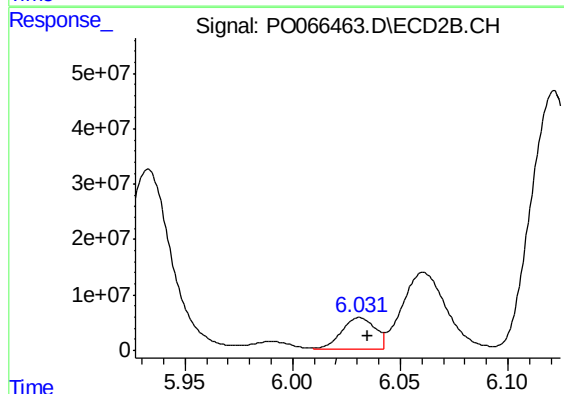
R.T.: 5.818 min
Delta R.T.: 0.011 min
Response: 379196328
Conc: 89046.72 ng/ml



#29 AR-1254-4

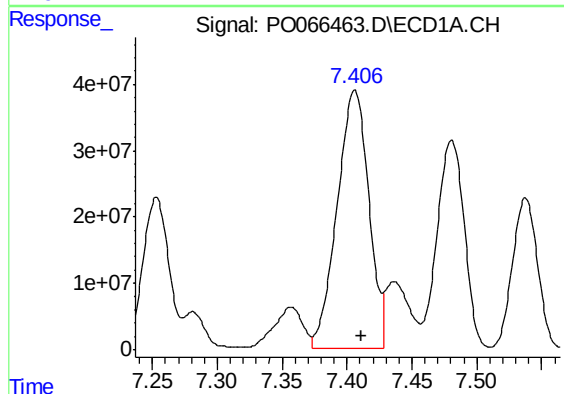
R.T.: 6.990 min
Delta R.T.: -0.007 min
Response: 85118666
Conc: 36867.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-021020-SR-02



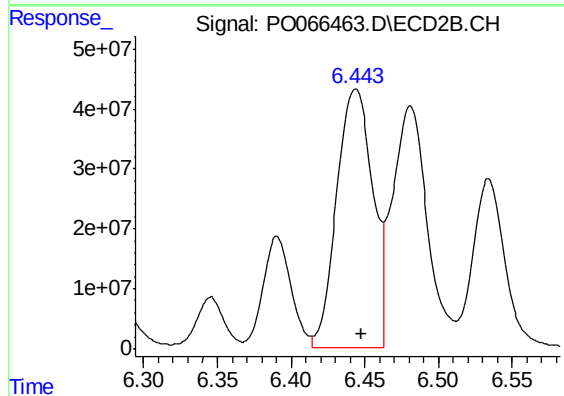
#29 AR-1254-4

R.T.: 6.031 min
Delta R.T.: -0.004 min
Response: 60972623
Conc: 19896.25 ng/ml



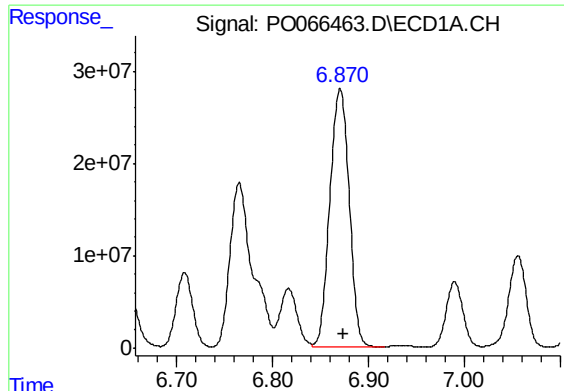
#30 AR-1254-5

R.T.: 7.406 min
Delta R.T.: -0.005 min
Response: 660768533
Conc: 281193.11 ng/ml



#30 AR-1254-5

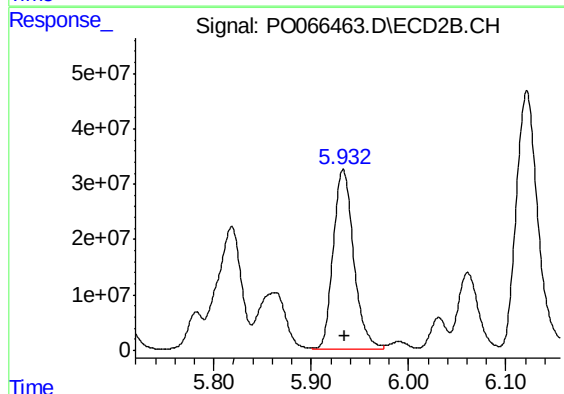
R.T.: 6.444 min
Delta R.T.: -0.004 min
Response: 730178236
Conc: 166026.74 ng/ml



#31 AR-1260-1

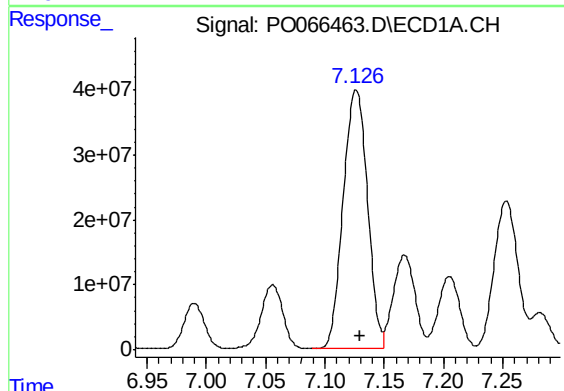
R.T.: 6.870 min
Delta R.T.: -0.003 min
Response: 390306480
Conc: 183405.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-021020-SR-02



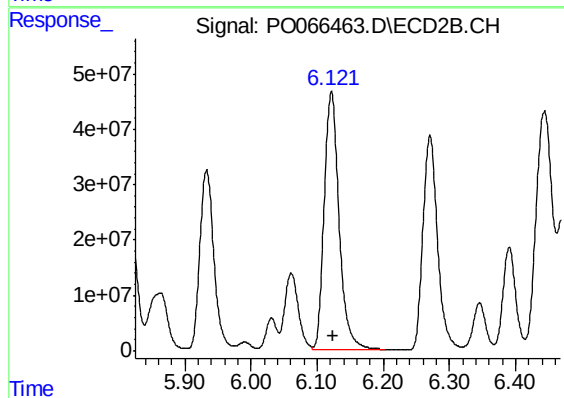
#31 AR-1260-1

R.T.: 5.933 min
Delta R.T.: -0.002 min
Response: 474178955
Conc: 143301.45 ng/ml



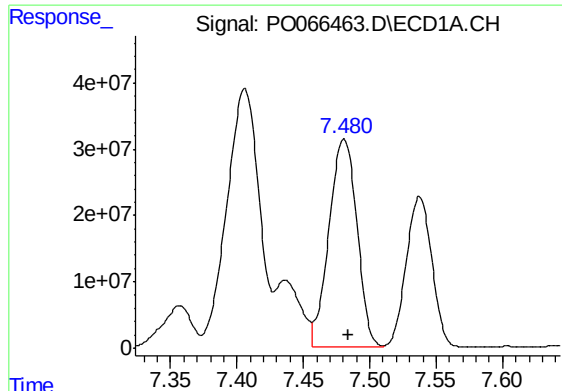
#32 AR-1260-2

R.T.: 7.126 min
Delta R.T.: -0.003 min
Response: 570060969
Conc: 185386.08 ng/ml



#32 AR-1260-2

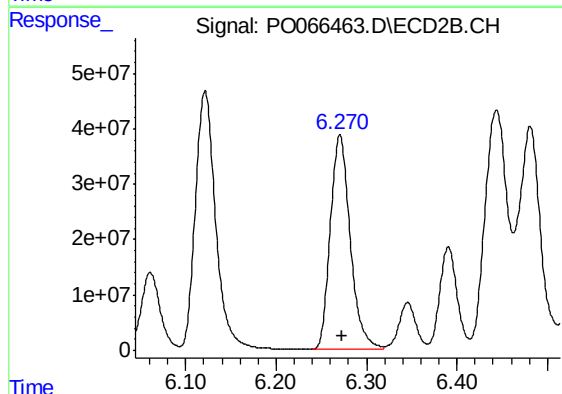
R.T.: 6.122 min
Delta R.T.: -0.002 min
Response: 721025969
Conc: 140178.51 ng/ml



#33 AR-1260-3

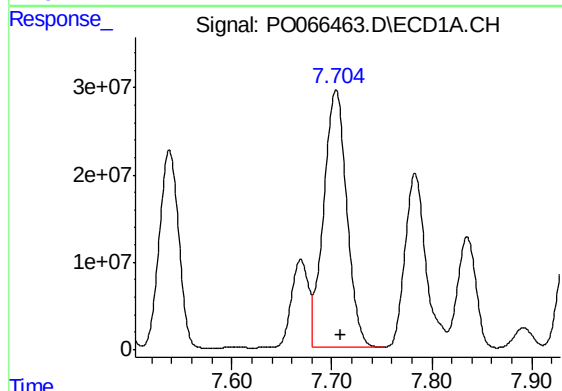
R.T.: 7.481 min
Delta R.T.: -0.004 min
Response: 460918412
Conc: 174751.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-021020-SR-02



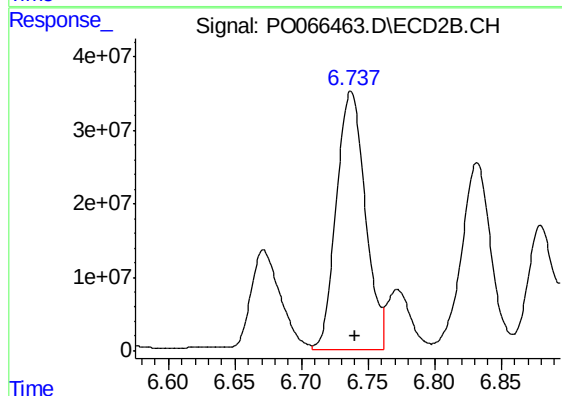
#33 AR-1260-3

R.T.: 6.271 min
Delta R.T.: -0.002 min
Response: 589820178
Conc: 150481.95 ng/ml



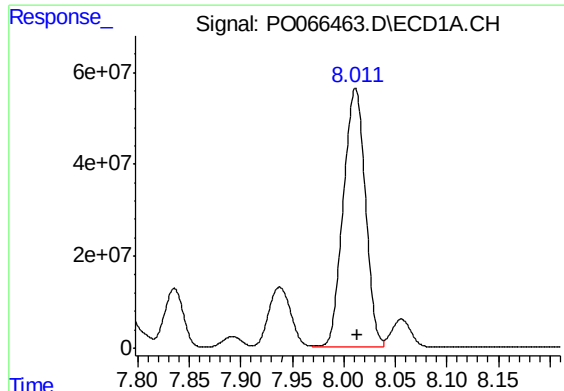
#34 AR-1260-4

R.T.: 7.704 min
Delta R.T.: -0.004 min
Response: 474544943
Conc: 190531.79 ng/ml



#34 AR-1260-4

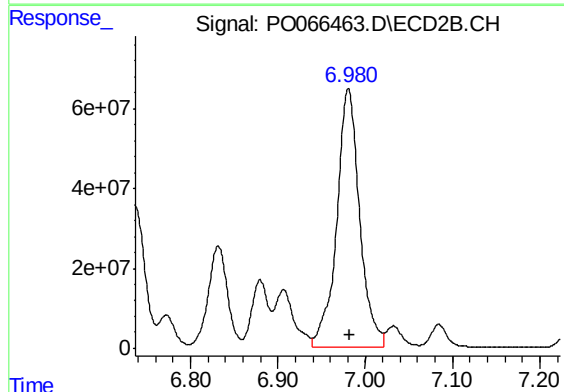
R.T.: 6.737 min
Delta R.T.: -0.002 min
Response: 528370348
Conc: 145852.85 ng/ml



#35 AR-1260-5

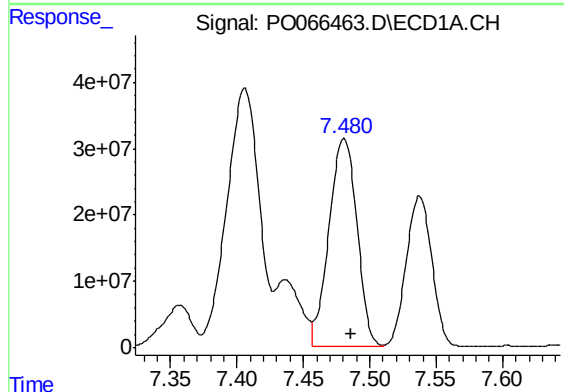
R.T.: 8.011 min
Delta R.T.: -0.002 min
Response: 845311696
Conc: 149963.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-021020-SR-02



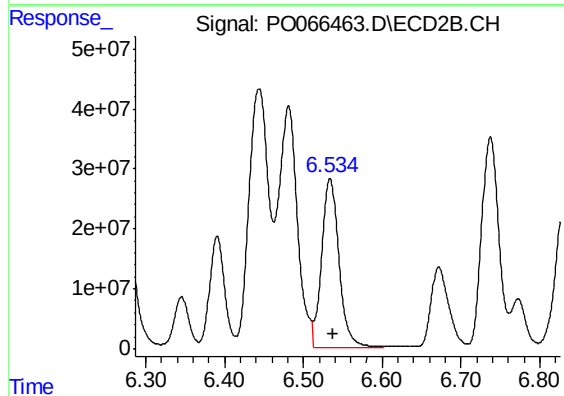
#35 AR-1260-5

R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 1185489165
Conc: 123299.34 ng/ml



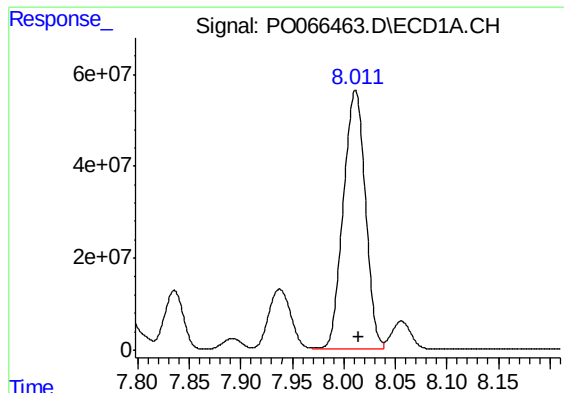
#36 AR-1262-1

R.T.: 7.481 min
Delta R.T.: -0.005 min
Response: 460918412
Conc: 133433.33 ng/ml



#36 AR-1262-1

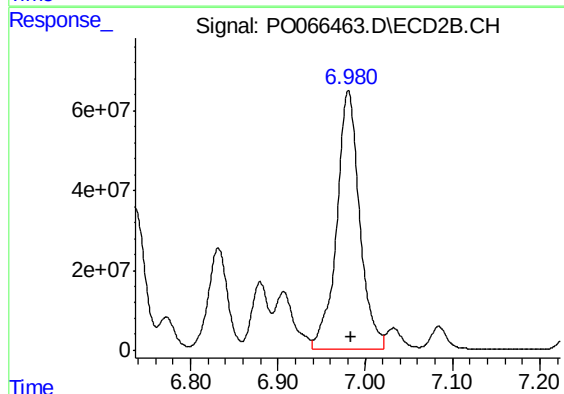
R.T.: 6.534 min
Delta R.T.: -0.004 min
Response: 428288495
Conc: 179094.95 ng/ml



#37 AR-1262-2

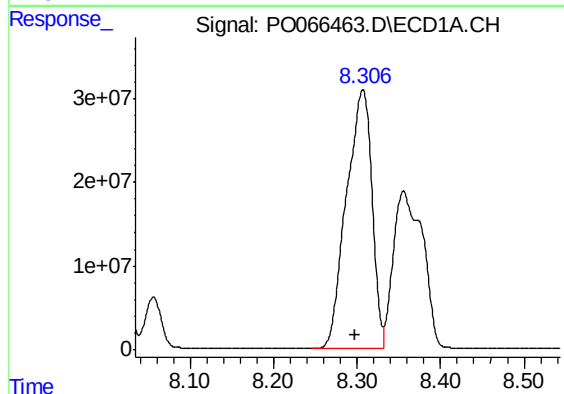
R.T.: 8.011 min
Delta R.T.: -0.003 min
Response: 845311696
Conc: 146020.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-021020-SR-02



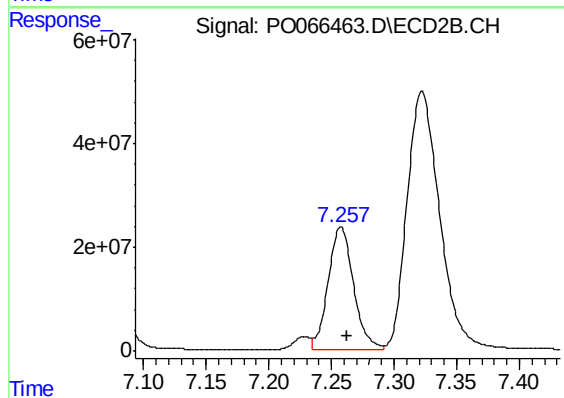
#37 AR-1262-2

R.T.: 6.981 min
Delta R.T.: -0.003 min
Response: 1185489165
Conc: 118853.22 ng/ml



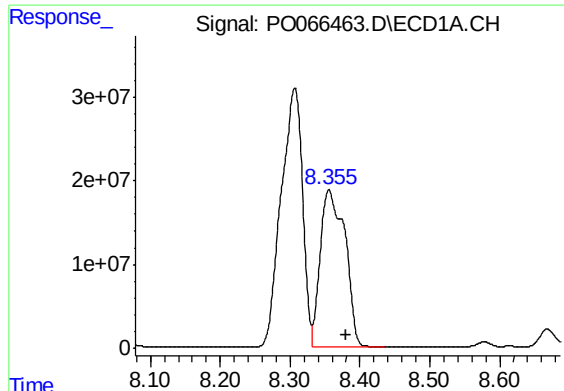
#38 AR-1262-3

R.T.: 8.307 min
Delta R.T.: 0.010 min
Response: 657747490
Conc: 178564.55 ng/ml



#38 AR-1262-3

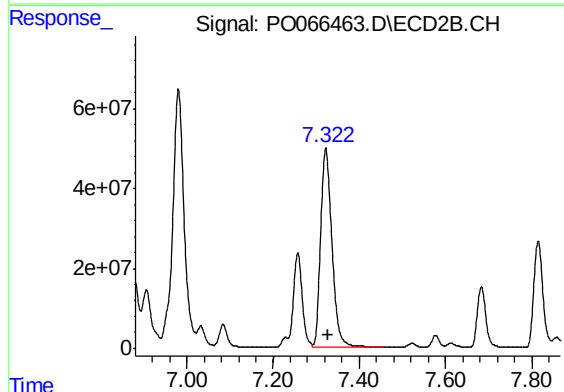
R.T.: 7.258 min
Delta R.T.: -0.005 min
Response: 333616142
Conc: 87103.63 ng/ml



#39 AR-1262-4

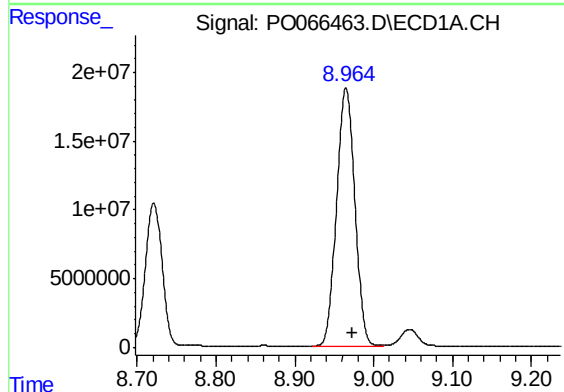
R.T.: 8.356 min
Delta R.T.: -0.024 min
Response: 462274793
Conc: 166204.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-021020-SR-02



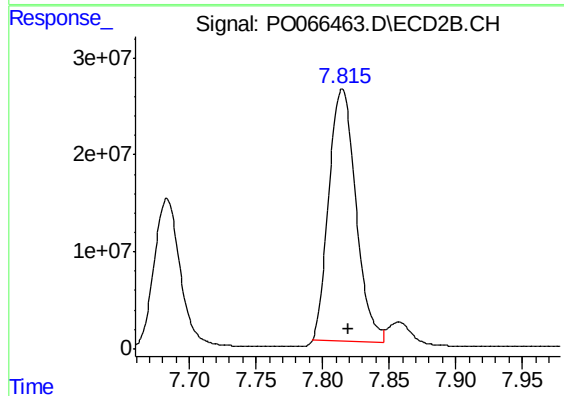
#39 AR-1262-4

R.T.: 7.322 min
Delta R.T.: -0.004 min
Response: 911626786
Conc: 142420.27 ng/ml



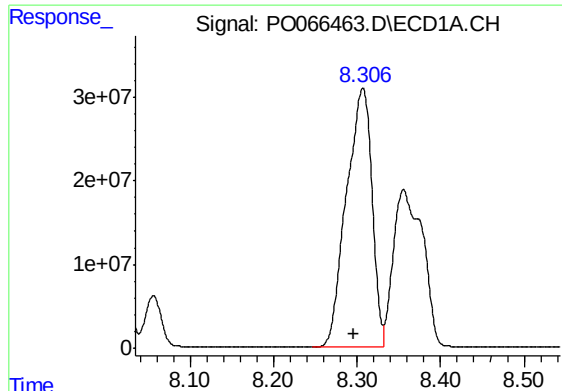
#40 AR-1262-5

R.T.: 8.965 min
Delta R.T.: -0.009 min
Response: 303953966
Conc: 171128.12 ng/ml



#40 AR-1262-5

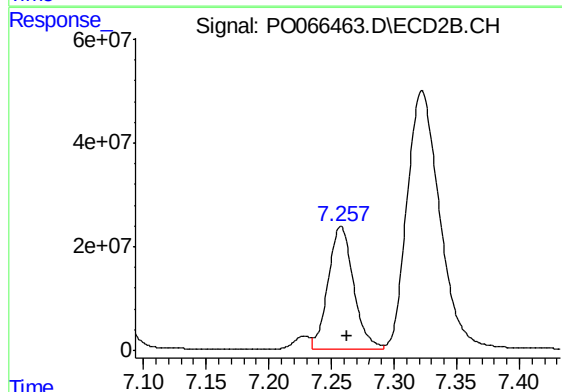
R.T.: 7.815 min
Delta R.T.: -0.005 min
Response: 368728500
Conc: 135389.63 ng/ml



#41 AR-1268-1

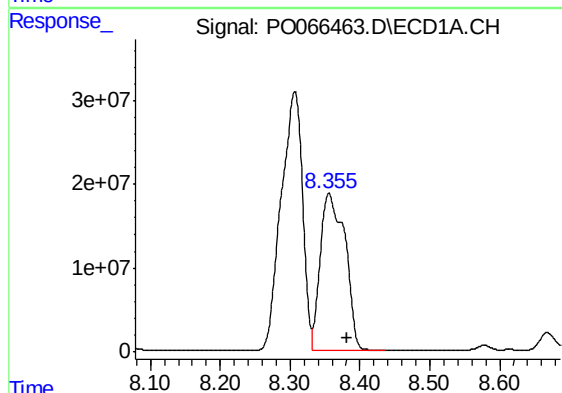
R.T.: 8.307 min
Delta R.T.: 0.010 min
Response: 657747490
Conc: 89238.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-021020-SR-02



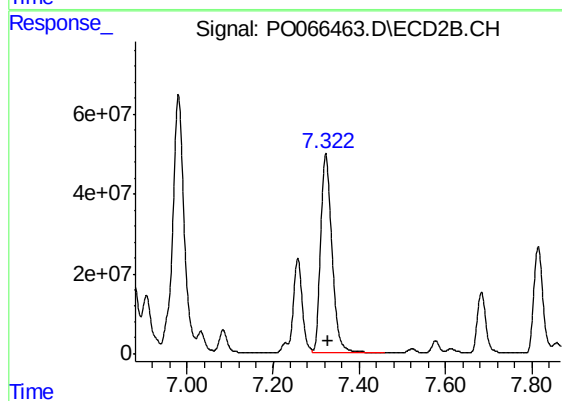
#41 AR-1268-1

R.T.: 7.258 min
Delta R.T.: -0.005 min
Response: 333616142
Conc: 26828.47 ng/ml



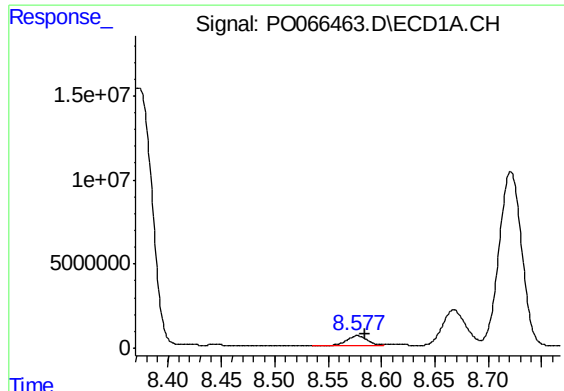
#42 AR-1268-2

R.T.: 8.356 min
Delta R.T.: -0.027 min
Response: 462274793
Conc: 74235.80 ng/ml



#42 AR-1268-2

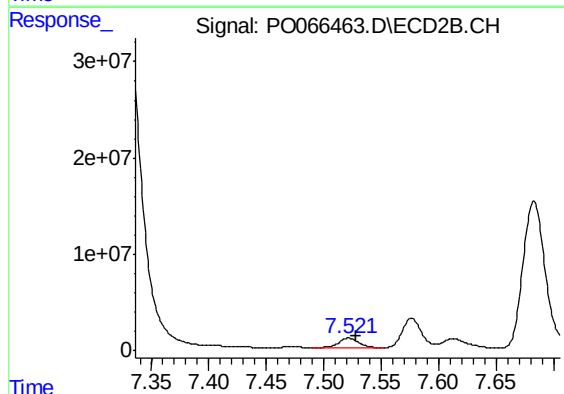
R.T.: 7.322 min
Delta R.T.: -0.005 min
Response: 911626786
Conc: 86379.77 ng/ml



#43 AR-1268-3

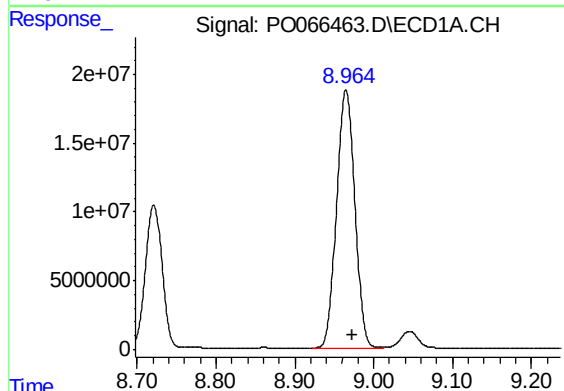
R.T.: 8.578 min
Delta R.T.: -0.007 min
Response: 8820230
Conc: 1623.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-021020-SR-02



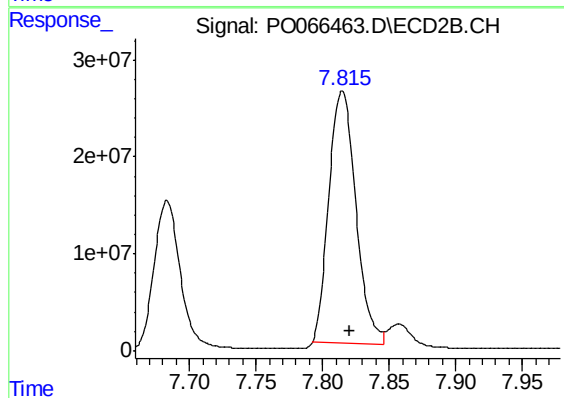
#43 AR-1268-3

R.T.: 7.522 min
Delta R.T.: -0.007 min
Response: 13648548
Conc: 1559.59 ng/ml



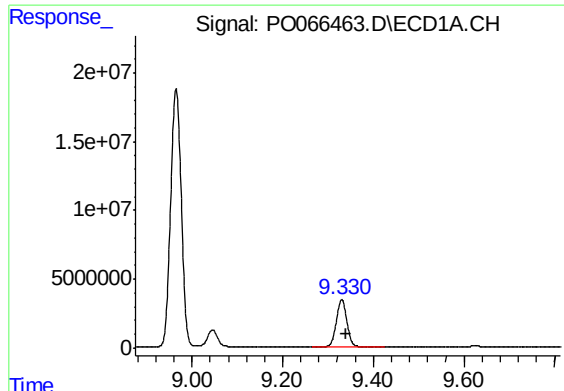
#44 AR-1268-4

R.T.: 8.965 min
Delta R.T.: -0.008 min
Response: 303953966
Conc: 141782.40 ng/ml



#44 AR-1268-4

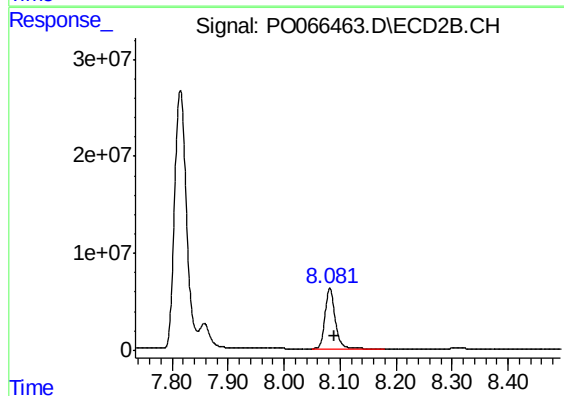
R.T.: 7.815 min
Delta R.T.: -0.005 min
Response: 368728500
Conc: 113072.61 ng/ml



#45 AR-1268-5

R.T.: 9.330 min
Delta R.T.: -0.010 min
Response: 54646937
Conc: 3513.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-021020-SR-02



#45 AR-1268-5

R.T.: 8.082 min
Delta R.T.: -0.007 min
Response: 77543109
Conc: 3283.18 ng/ml