

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0021320\
 Data File : P0066516.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Feb 2020 15:42
 Operator : DD\AJ
 Sample : L1504-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PCB-020720-02

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 14 03:14:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0021320.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Feb 13 16:40:54 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...	4.134	3.412	865964	999755	25.304	24.817
2)	SA Decachlor...	9.618	8.303	1035716	1305357	22.585	21.706
Target Compounds							
3)	L1 AR-1016-1	5.304	4.491	294103	364335	210.319	265.207 #
4)	L1 AR-1016-2	5.304	4.491	294103	364335	139.453	134.064
5)	L1 AR-1016-3	5.370	4.656	244660	202420	195.155	164.707
6)	L1 AR-1016-4	5.457	4.698	203815	43426	188.721	43.785 #
7)	L1 AR-1016-5	5.761	4.853	466605	2122505	442.047	1715.091 #
10)	L2 AR-1221-3	0.000	3.775	0	57772	N.D.	59.690 #
11)	L3 AR-1232-1	0.000	3.775	0	57772	N.D.	74.896 #
12)	L3 AR-1232-2	4.986	4.491	138215	364335	380.532	326.624
13)	L3 AR-1232-3	5.304	4.656	294103	202420	365.684	430.176
14)	L3 AR-1232-4	5.457	4.754	203815	296892	504.017	729.743 #
15)	L3 AR-1232-5	5.553	4.853	248329	2122505	899.728	5159.528 #
16)	L4 AR-1242-1	5.304	4.491	294103	364335	285.842	363.167 #
17)	L4 AR-1242-2	5.304	4.491	294103	364335	189.696	173.656
18)	L4 AR-1242-3	5.370	4.656	244660	202420	266.278	230.437
19)	L4 AR-1242-4	5.457	4.754	203815	296892	266.487	363.662 #
20)	L4 AR-1242-5	6.168	5.262	1143770	7183267	1263.730	6115.585 #
21)	L5 AR-1248-1	5.304	4.491	294103	364335	364.403	437.994
22)	L5 AR-1248-2	5.553	4.698	248329	43426	220.726	35.032 #
23)	L5 AR-1248-3	5.761	4.754	466605	296892	356.556	237.737 #
24)	L5 AR-1248-4	6.133	4.853	5124814	2122505	3138.925	1348.030 #
25)	L5 AR-1248-5	6.168	5.296	1143770	888561	750.425	506.908 #
26)	L6 AR-1254-1	6.133	5.262	5124814	7183267	3071.941	2536.289
27)	L6 AR-1254-2	6.348	5.399	4773103	1101533	1777.273	418.045 #
28)	L6 AR-1254-3	6.705	5.796	2632031	1678036	924.814	387.212 #
29)	L6 AR-1254-4	6.985	6.025	1592476	2762551	643.183	892.968 #
30)	L6 AR-1254-5	7.401	6.436	2720717	5239799	1096.437	1177.007
31)	L7 AR-1260-1	6.864	5.924	1033833	1421174	477.280	483.950
32)	L7 AR-1260-2	7.114	6.111	3506248	2907026	1059.100	611.519 #
33)	L7 AR-1260-3	7.474	6.262	444974	1846392	161.152	461.643 #
34)	L7 AR-1260-4	7.689	6.730	1291707	703421	498.290	218.081 #
35)	L7 AR-1260-5	8.004	6.972	1211085	2260010	198.611	243.879
36)	L8 AR-1262-1	7.474	6.436	444974	5239799	113.318	2390.709 #
37)	L8 AR-1262-2	8.004	6.972	1211085	2260010	185.884	226.519
38)	L8 AR-1262-3	8.303	7.250	789760	288050	186.060	66.672 #
39)	L8 AR-1262-4	8.346	7.313	257866	1527064	83.977	219.804 #
40)	L8 AR-1262-5	8.959	7.808	115998	419341	54.813	146.151 #
41)	L9 AR-1268-1	8.303	7.250	789760	288050	100.966	24.354 #
42)	L9 AR-1268-2	8.346	7.313	257866	1527064	39.488	155.241 #
43)	L9 AR-1268-3	0.000	7.572	0	335710	N.D.	40.130 #
44)	L9 AR-1268-4	8.959	7.808	115998	419341	51.191	129.443 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0021320\
 Data File : P0066516.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Feb 2020 15:42
 Operator : DD\AJ
 Sample : L1504-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

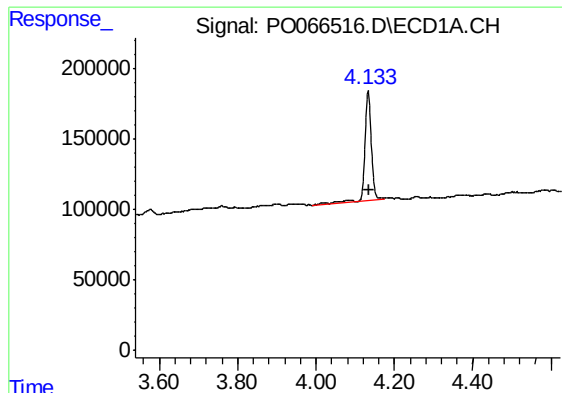
Instrument :
 ECD_O
 ClientSampleId :
 PCB-020720-02

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 14 03:14:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0021320.M
 Quant Title : GC EXTRACTABLES
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 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
45) L9	AR-1268-5	0.000	8.073	0	121914	N.D.	5.177 #

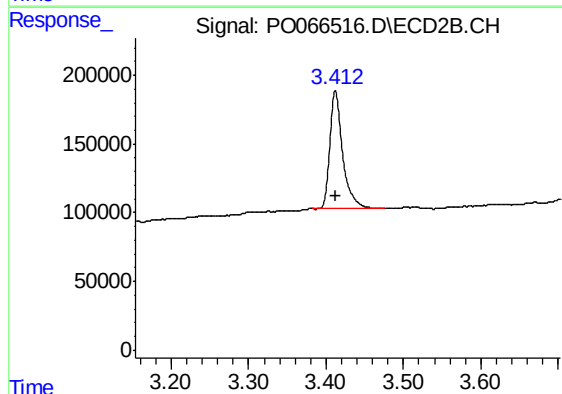
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

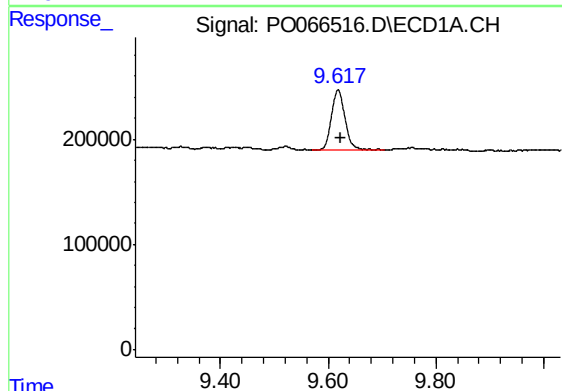
R.T.: 4.134 min
Delta R.T.: -0.001 min
Response: 865964
Conc: 25.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-020720-02



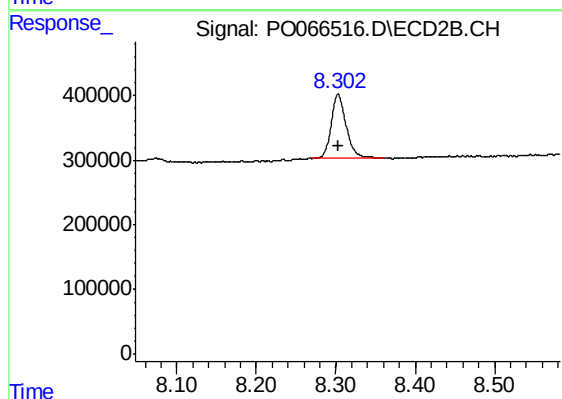
#1 Tetrachloro-m-xylene

R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 999755
Conc: 24.82 ng/ml



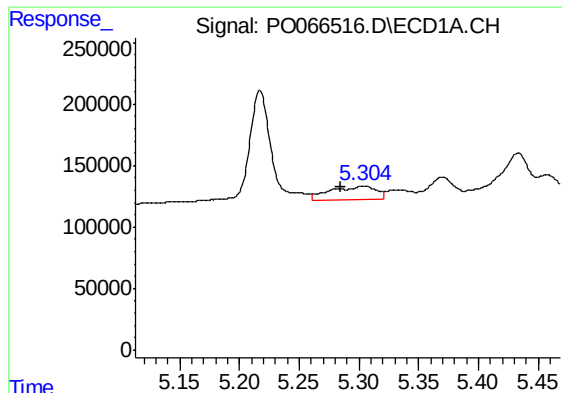
#2 Decachlorobiphenyl

R.T.: 9.618 min
Delta R.T.: -0.004 min
Response: 1035716
Conc: 22.59 ng/ml



#2 Decachlorobiphenyl

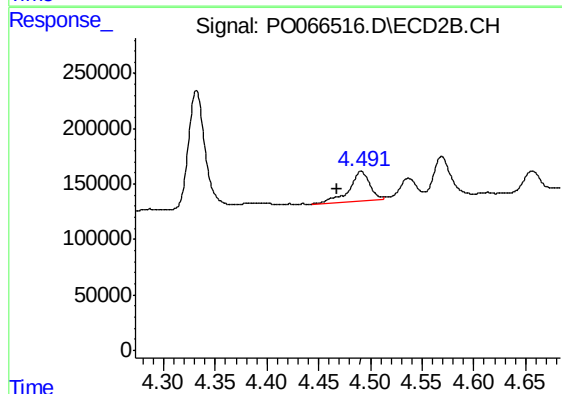
R.T.: 8.303 min
Delta R.T.: 0.000 min
Response: 1305357
Conc: 21.71 ng/ml



#3 AR-1016-1

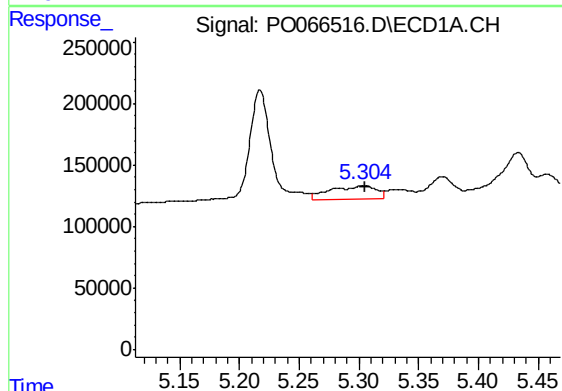
R.T.: 5.304 min
Delta R.T.: 0.019 min
Response: 294103
Conc: 210.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-020720-02



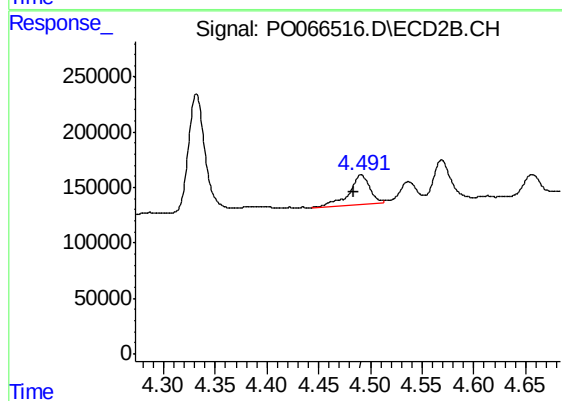
#3 AR-1016-1

R.T.: 4.491 min
Delta R.T.: 0.024 min
Response: 364335
Conc: 265.21 ng/ml



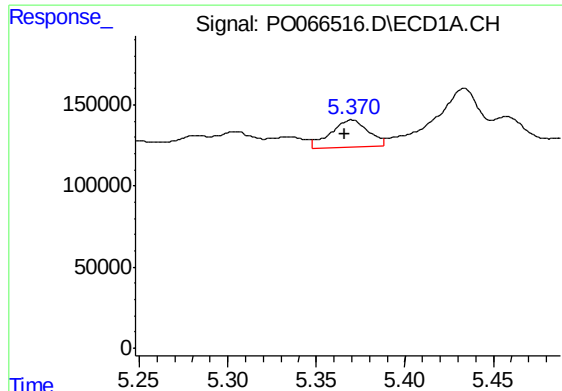
#4 AR-1016-2

R.T.: 5.304 min
Delta R.T.: -0.001 min
Response: 294103
Conc: 139.45 ng/ml



#4 AR-1016-2

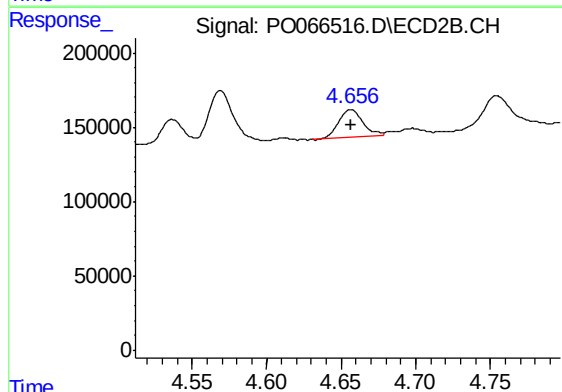
R.T.: 4.491 min
Delta R.T.: 0.007 min
Response: 364335
Conc: 134.06 ng/ml



#5 AR-1016-3

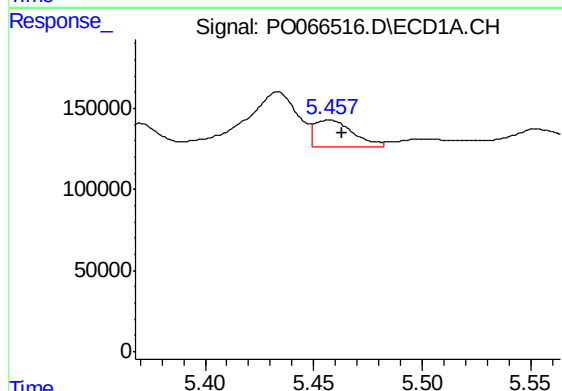
R.T.: 5.370 min
Delta R.T.: 0.004 min
Response: 244660
Conc: 195.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-020720-02



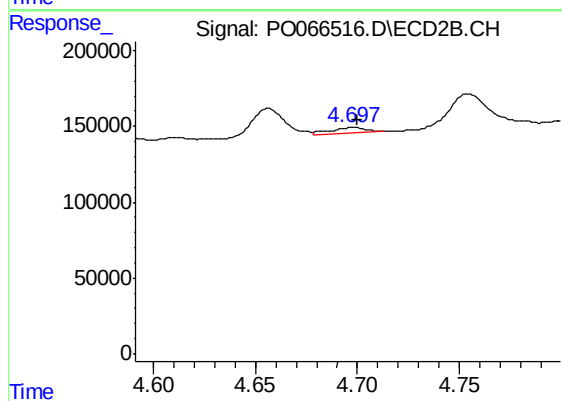
#5 AR-1016-3

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 202420
Conc: 164.71 ng/ml



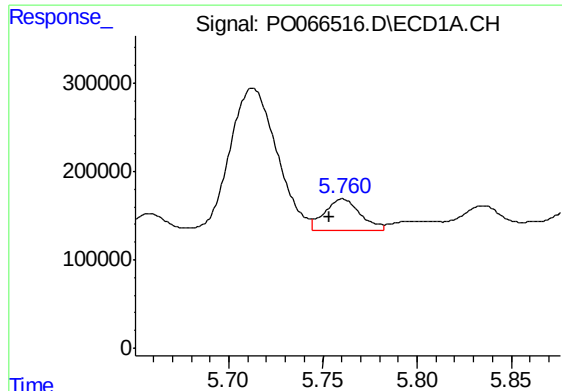
#6 AR-1016-4

R.T.: 5.457 min
Delta R.T.: -0.006 min
Response: 203815
Conc: 188.72 ng/ml



#6 AR-1016-4

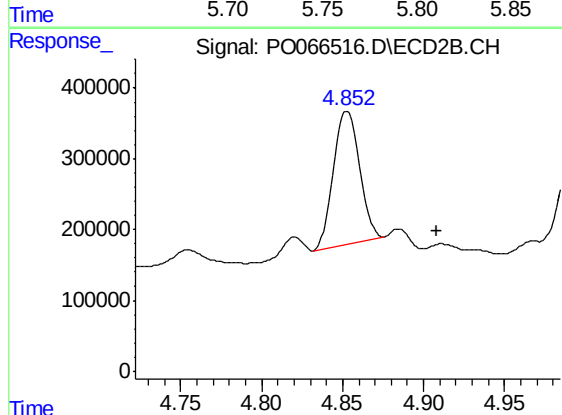
R.T.: 4.698 min
Delta R.T.: -0.002 min
Response: 43426
Conc: 43.78 ng/ml



#7 AR-1016-5

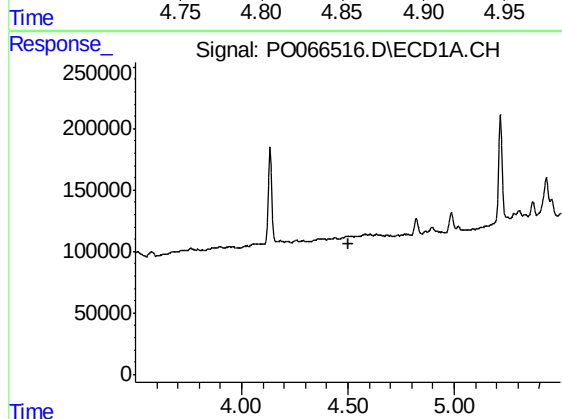
R.T.: 5.761 min
Delta R.T.: 0.007 min
Response: 466605
Conc: 442.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-020720-02



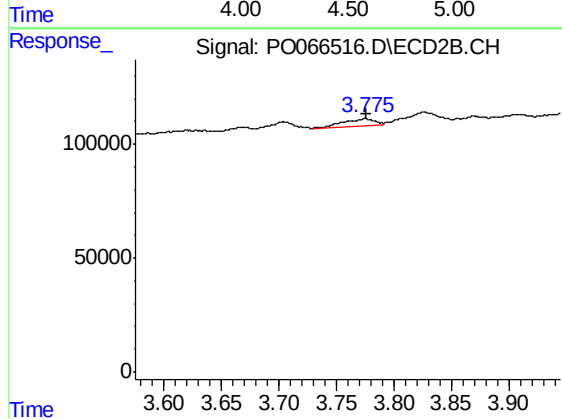
#7 AR-1016-5

R.T.: 4.853 min
Delta R.T.: -0.056 min
Response: 2122505
Conc: 1715.09 ng/ml



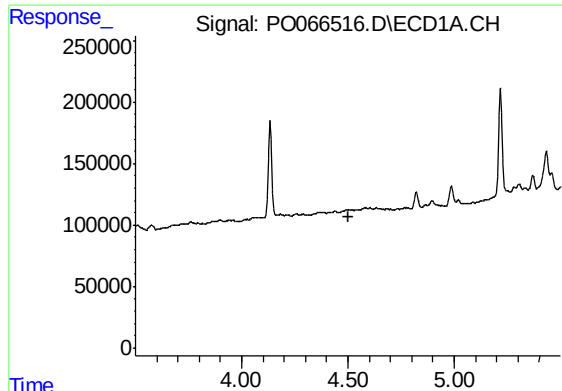
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.500 min
Response: 0
Conc: N.D.



#10 AR-1221-3

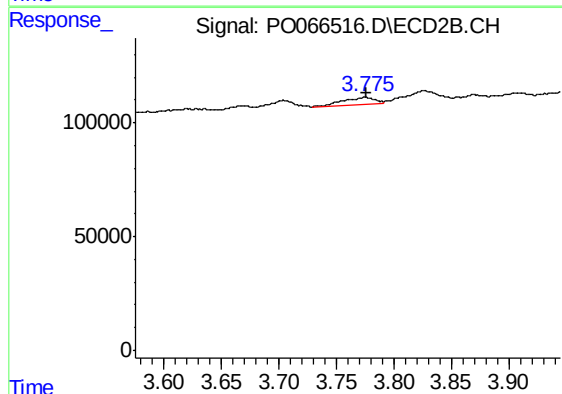
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 57772
Conc: 59.69 ng/ml



#11 AR-1232-1

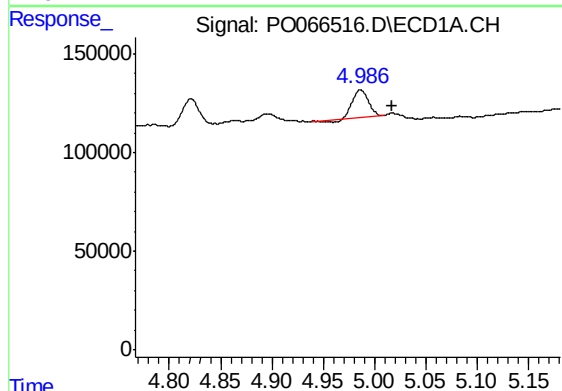
R.T.: 0.000 min
Exp R.T.: 4.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PCB-020720-02



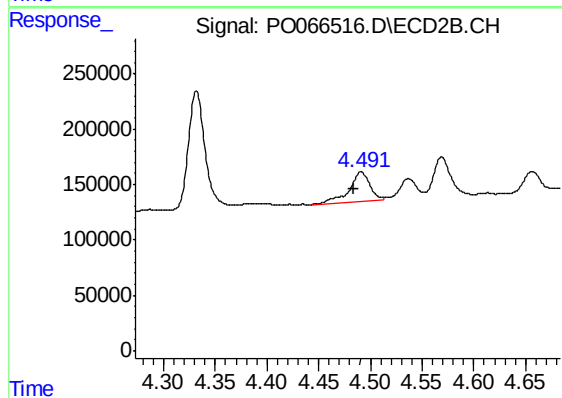
#11 AR-1232-1

R.T.: 3.775 min
Delta R.T.: -0.001 min
Response: 57772
Conc: 74.90 ng/ml



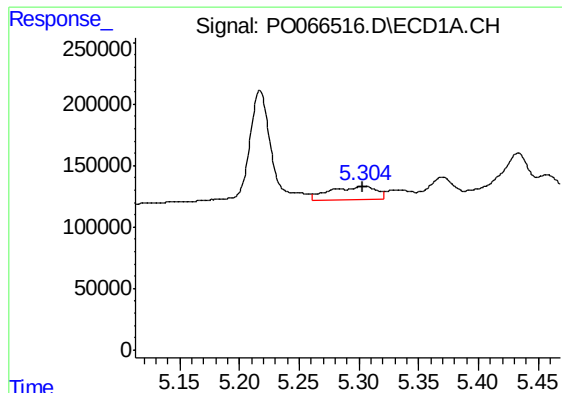
#12 AR-1232-2

R.T.: 4.986 min
Delta R.T.: -0.031 min
Response: 138215
Conc: 380.53 ng/ml



#12 AR-1232-2

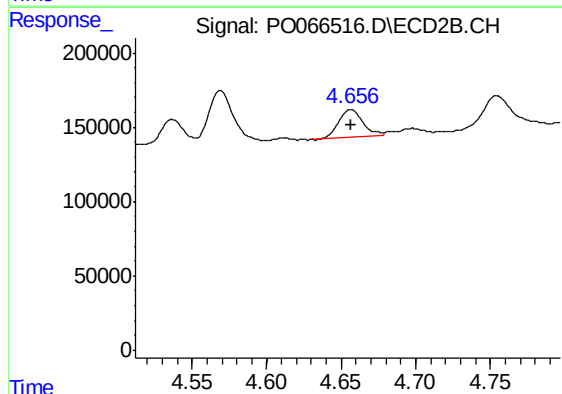
R.T.: 4.491 min
Delta R.T.: 0.007 min
Response: 364335
Conc: 326.62 ng/ml



#13 AR-1232-3

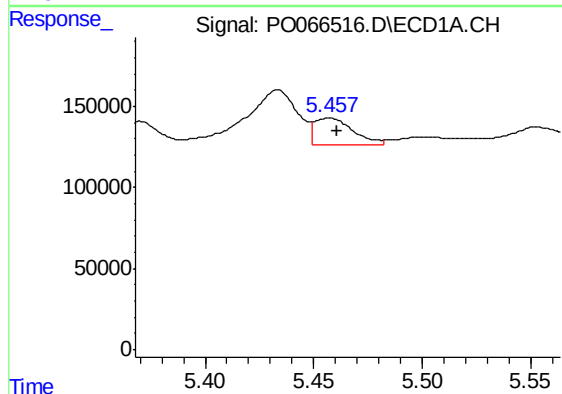
R.T.: 5.304 min
Delta R.T.: 0.001 min
Response: 294103
Conc: 365.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-020720-02



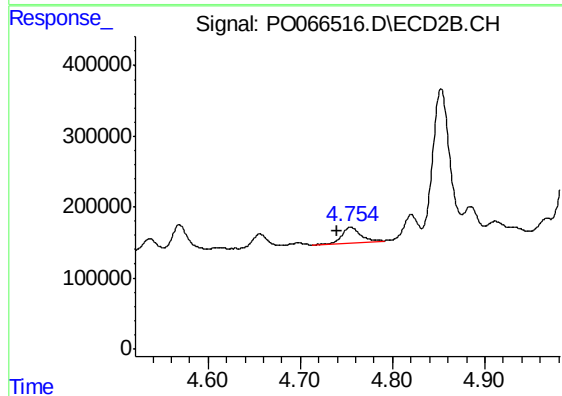
#13 AR-1232-3

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 202420
Conc: 430.18 ng/ml



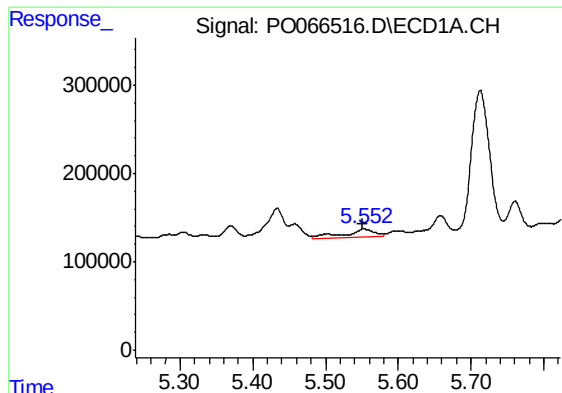
#14 AR-1232-4

R.T.: 5.457 min
Delta R.T.: -0.003 min
Response: 203815
Conc: 504.02 ng/ml



#14 AR-1232-4

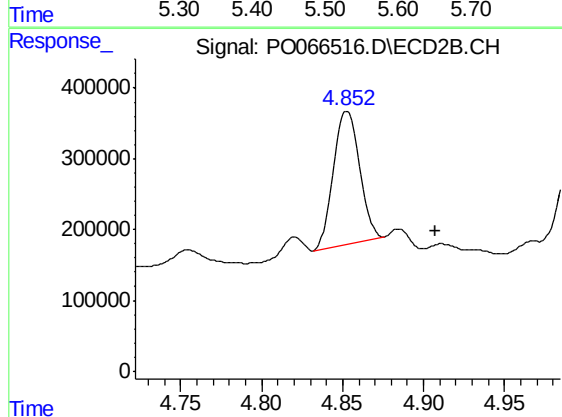
R.T.: 4.754 min
Delta R.T.: 0.015 min
Response: 296892
Conc: 729.74 ng/ml



#15 AR-1232-5

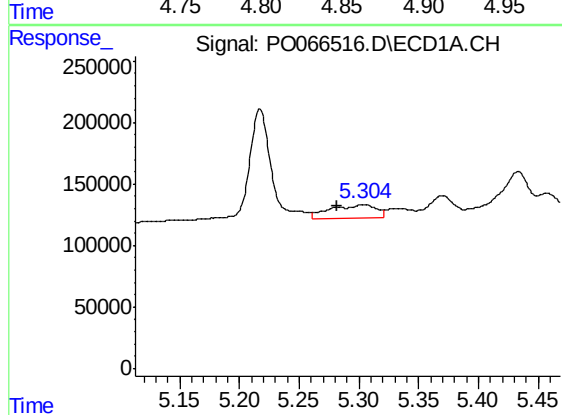
R.T.: 5.553 min
Delta R.T.: 0.002 min
Response: 248329
Conc: 899.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-020720-02



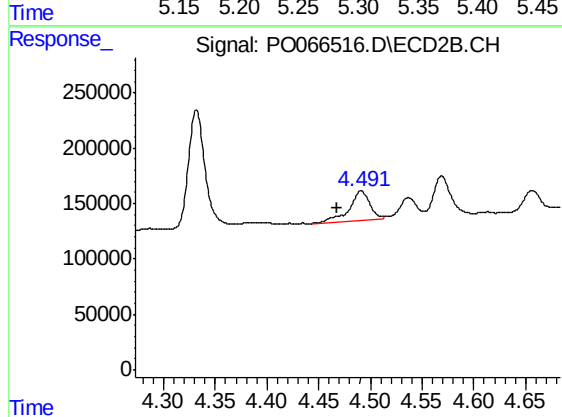
#15 AR-1232-5

R.T.: 4.853 min
Delta R.T.: -0.055 min
Response: 2122505
Conc: 5159.53 ng/ml



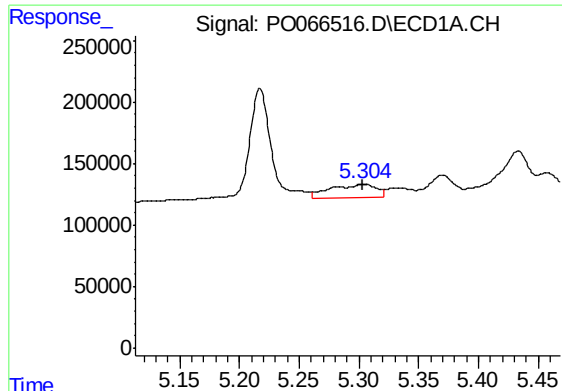
#16 AR-1242-1

R.T.: 5.304 min
Delta R.T.: 0.022 min
Response: 294103
Conc: 285.84 ng/ml



#16 AR-1242-1

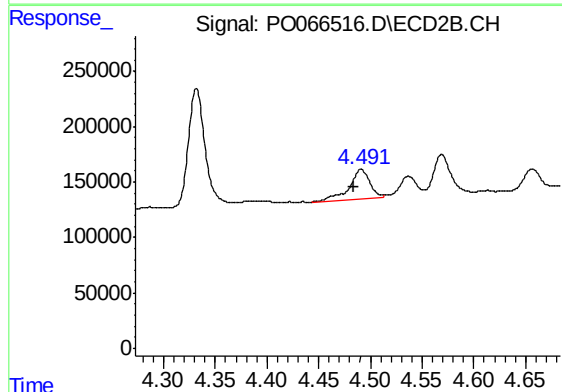
R.T.: 4.491 min
Delta R.T.: 0.024 min
Response: 364335
Conc: 363.17 ng/ml



#17 AR-1242-2

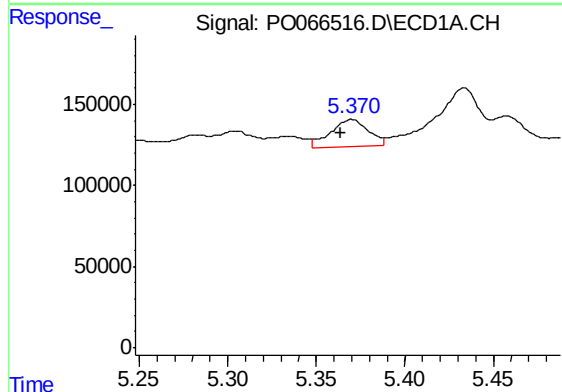
R.T.: 5.304 min
Delta R.T.: 0.001 min
Response: 294103
Conc: 189.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-020720-02



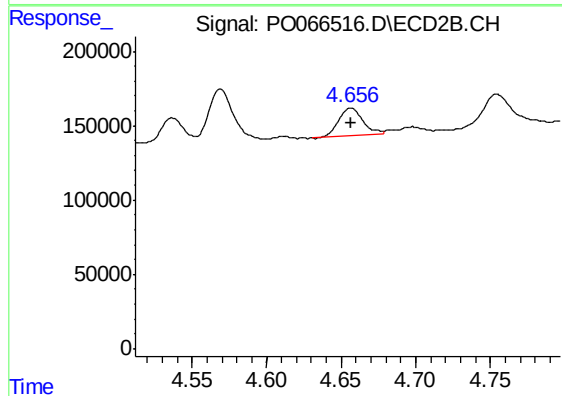
#17 AR-1242-2

R.T.: 4.491 min
Delta R.T.: 0.007 min
Response: 364335
Conc: 173.66 ng/ml



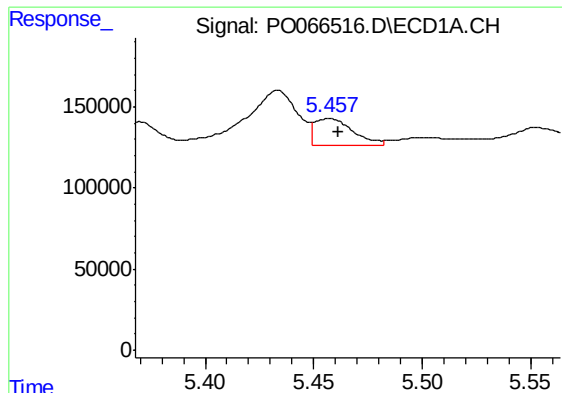
#18 AR-1242-3

R.T.: 5.370 min
Delta R.T.: 0.007 min
Response: 244660
Conc: 266.28 ng/ml



#18 AR-1242-3

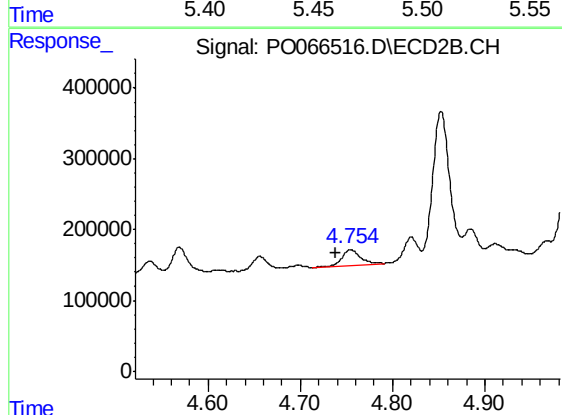
R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 202420
Conc: 230.44 ng/ml



#19 AR-1242-4

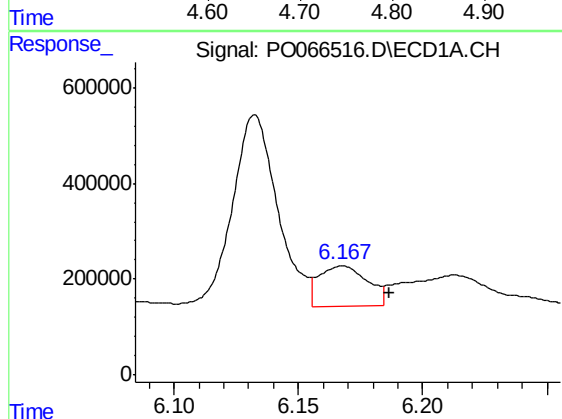
R.T.: 5.457 min
Delta R.T.: -0.004 min
Response: 203815
Conc: 266.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-020720-02



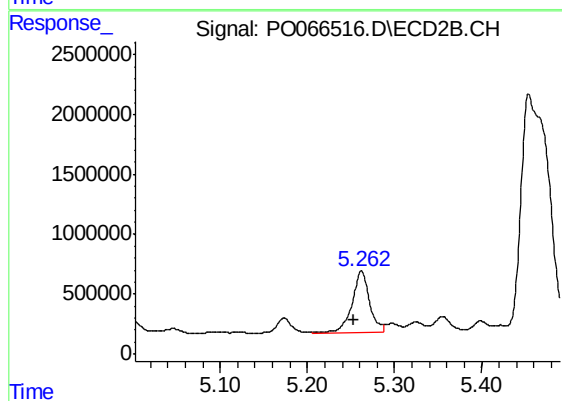
#19 AR-1242-4

R.T.: 4.754 min
Delta R.T.: 0.015 min
Response: 296892
Conc: 363.66 ng/ml



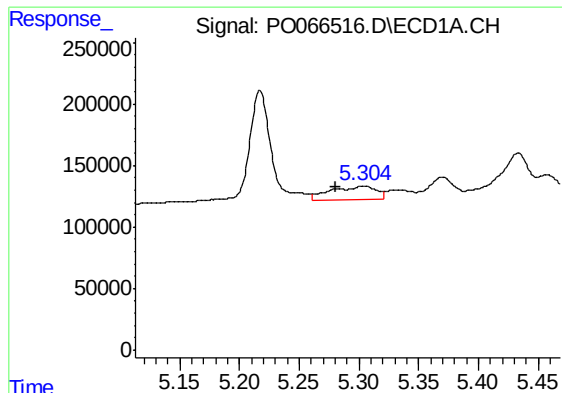
#20 AR-1242-5

R.T.: 6.168 min
Delta R.T.: -0.019 min
Response: 1143770
Conc: 1263.73 ng/ml



#20 AR-1242-5

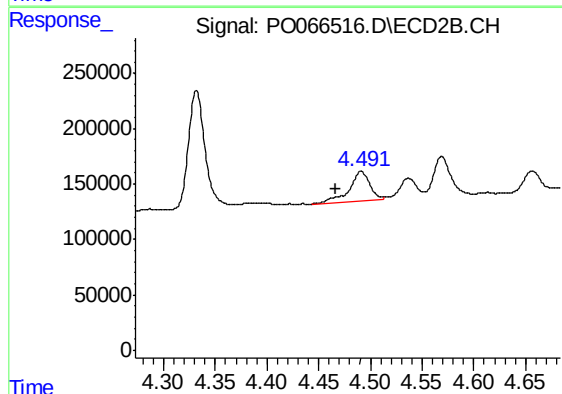
R.T.: 5.262 min
Delta R.T.: 0.009 min
Response: 7183267
Conc: 6115.59 ng/ml



#21 AR-1248-1

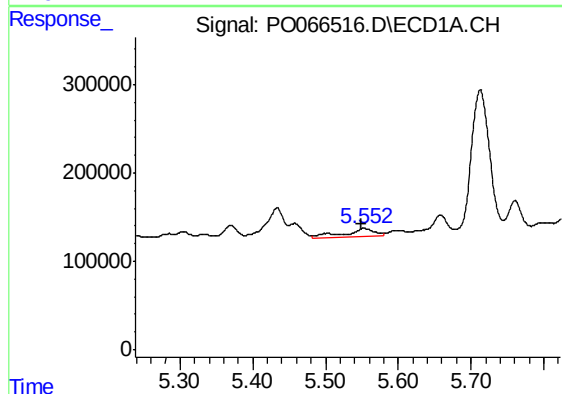
R.T.: 5.304 min
Delta R.T.: 0.023 min
Response: 294103
Conc: 364.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-020720-02



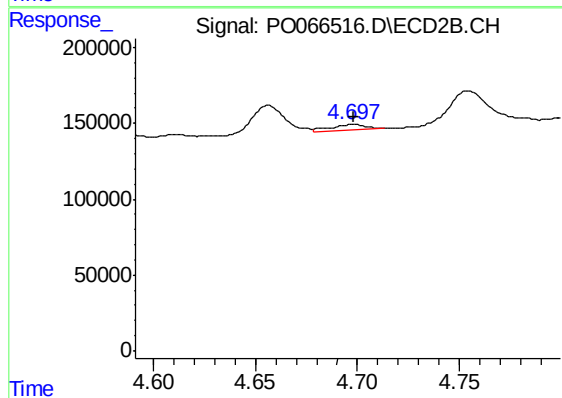
#21 AR-1248-1

R.T.: 4.491 min
Delta R.T.: 0.025 min
Response: 364335
Conc: 437.99 ng/ml



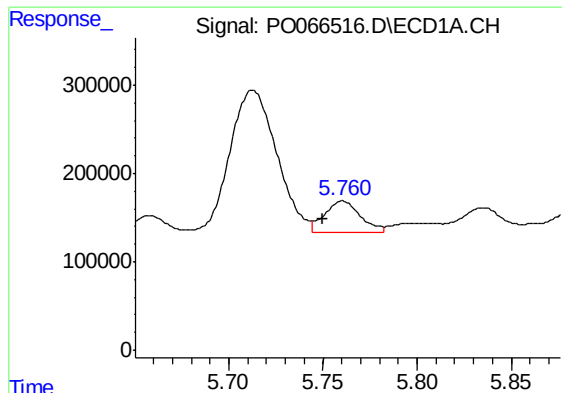
#22 AR-1248-2

R.T.: 5.553 min
Delta R.T.: 0.004 min
Response: 248329
Conc: 220.73 ng/ml



#22 AR-1248-2

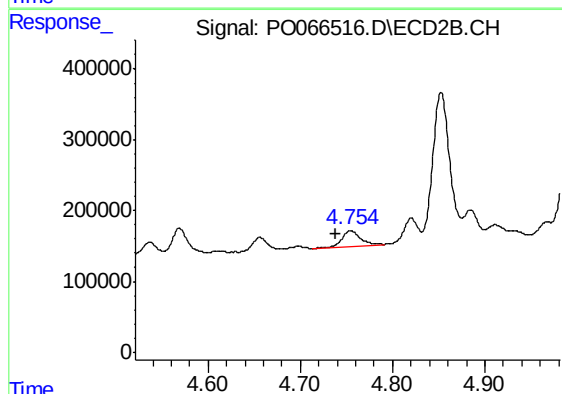
R.T.: 4.698 min
Delta R.T.: 0.000 min
Response: 43426
Conc: 35.03 ng/ml



#23 AR-1248-3

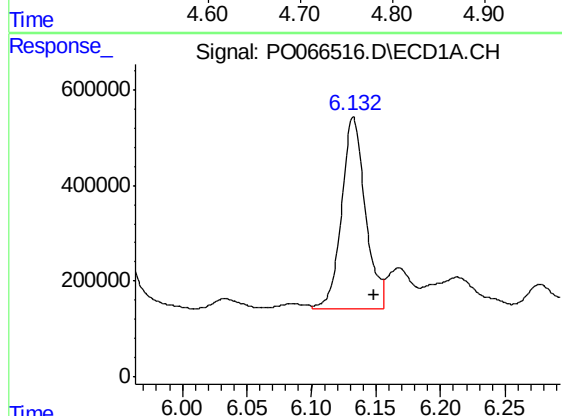
R.T.: 5.761 min
Delta R.T.: 0.010 min
Response: 466605
Conc: 356.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-020720-02



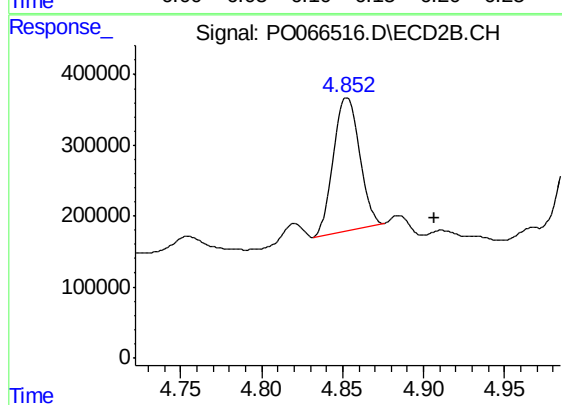
#23 AR-1248-3

R.T.: 4.754 min
Delta R.T.: 0.016 min
Response: 296892
Conc: 237.74 ng/ml



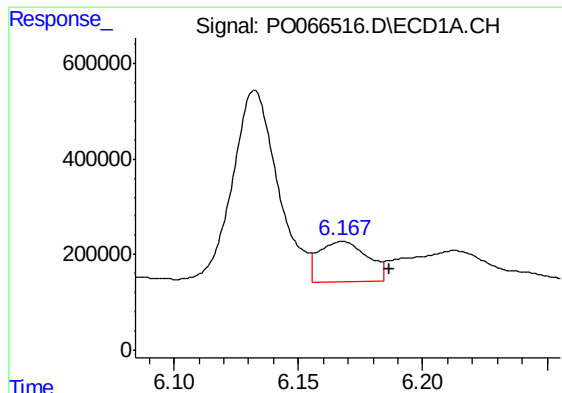
#24 AR-1248-4

R.T.: 6.133 min
Delta R.T.: -0.016 min
Response: 5124814
Conc: 3138.93 ng/ml



#24 AR-1248-4

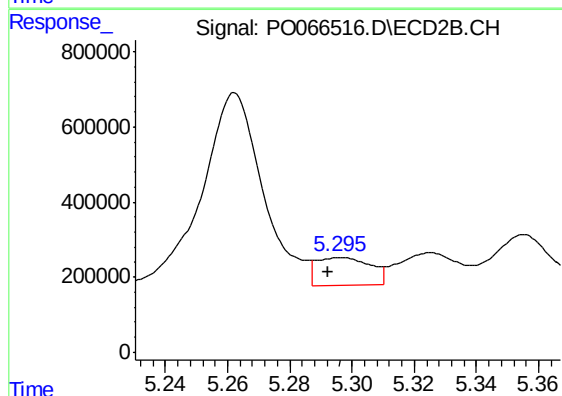
R.T.: 4.853 min
Delta R.T.: -0.054 min
Response: 2122505
Conc: 1348.03 ng/ml



#25 AR-1248-5

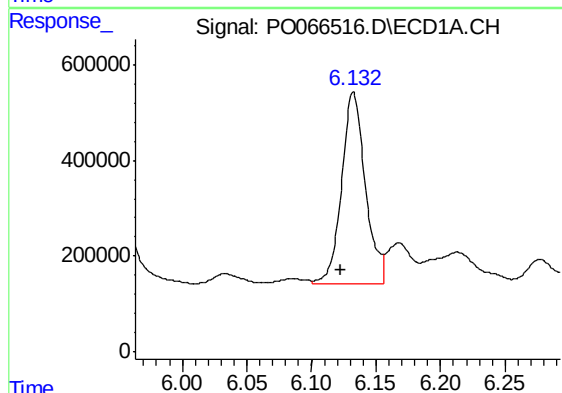
R.T.: 6.168 min
Delta R.T.: -0.019 min
Response: 1143770
Conc: 750.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
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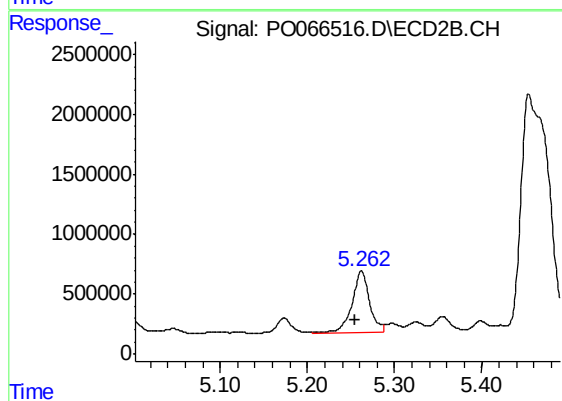
#25 AR-1248-5

R.T.: 5.296 min
Delta R.T.: 0.004 min
Response: 888561
Conc: 506.91 ng/ml



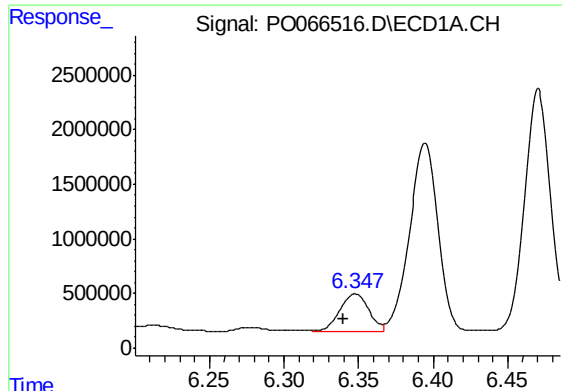
#26 AR-1254-1

R.T.: 6.133 min
Delta R.T.: 0.009 min
Response: 5124814
Conc: 3071.94 ng/ml



#26 AR-1254-1

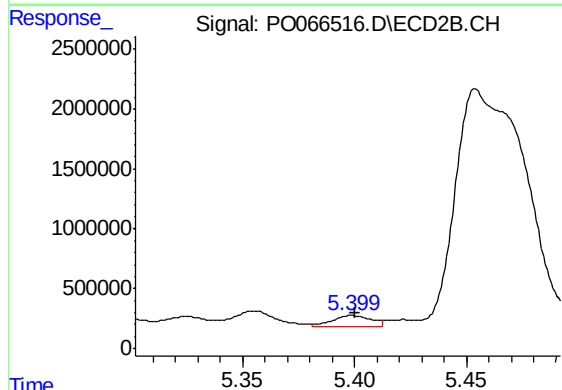
R.T.: 5.262 min
Delta R.T.: 0.008 min
Response: 7183267
Conc: 2536.29 ng/ml



#27 AR-1254-2

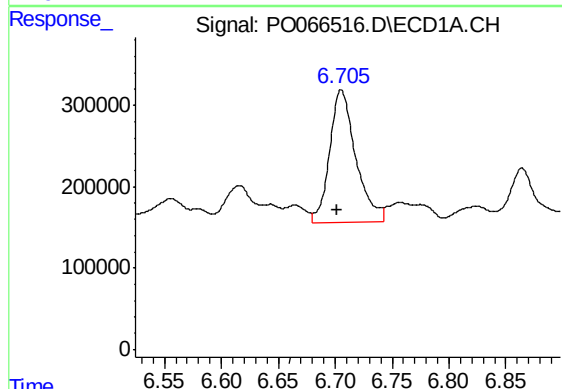
R.T.: 6.348 min
Delta R.T.: 0.008 min
Response: 4773103
Conc: 1777.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-020720-02



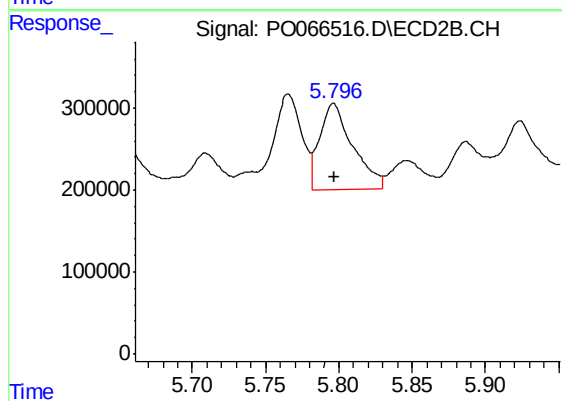
#27 AR-1254-2

R.T.: 5.399 min
Delta R.T.: -0.001 min
Response: 1101533
Conc: 418.05 ng/ml



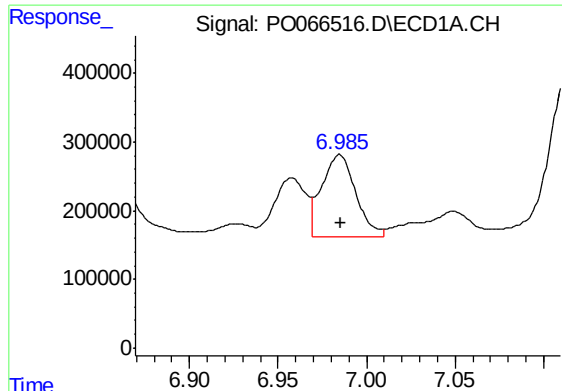
#28 AR-1254-3

R.T.: 6.705 min
Delta R.T.: 0.004 min
Response: 2632031
Conc: 924.81 ng/ml



#28 AR-1254-3

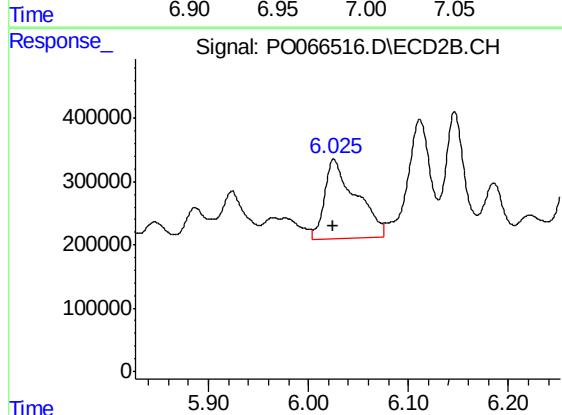
R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 1678036
Conc: 387.21 ng/ml



#29 AR-1254-4

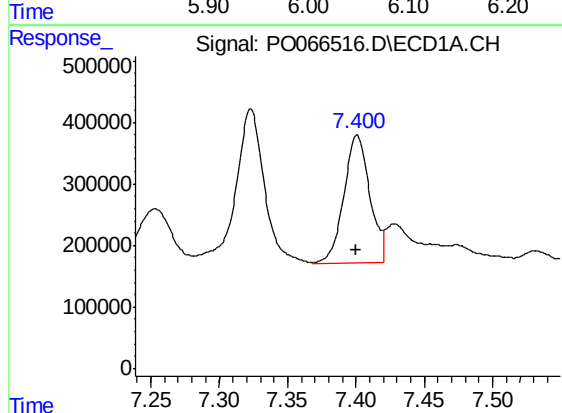
R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 1592476
Conc: 643.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-020720-02



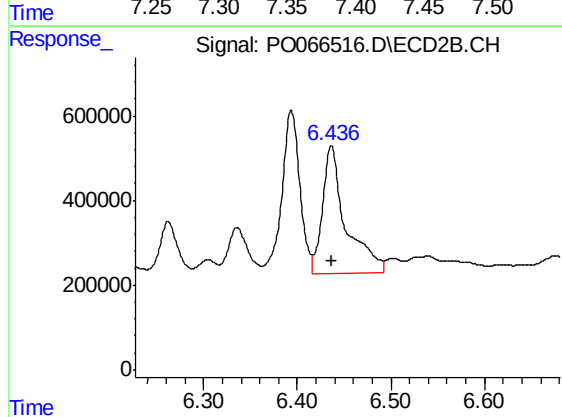
#29 AR-1254-4

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 2762551
Conc: 892.97 ng/ml



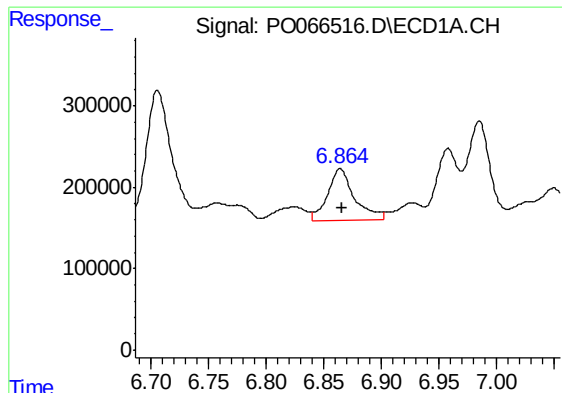
#30 AR-1254-5

R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 2720717
Conc: 1096.44 ng/ml



#30 AR-1254-5

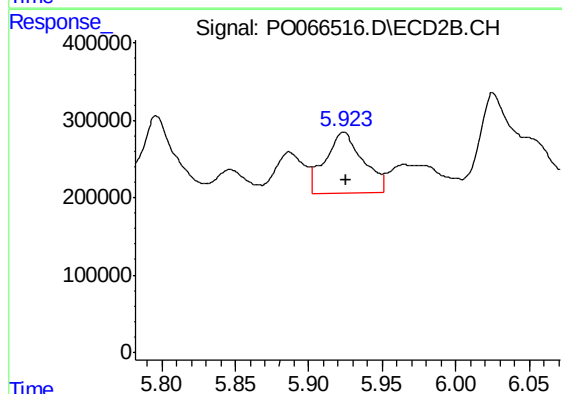
R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 5239799
Conc: 1177.01 ng/ml



#31 AR-1260-1

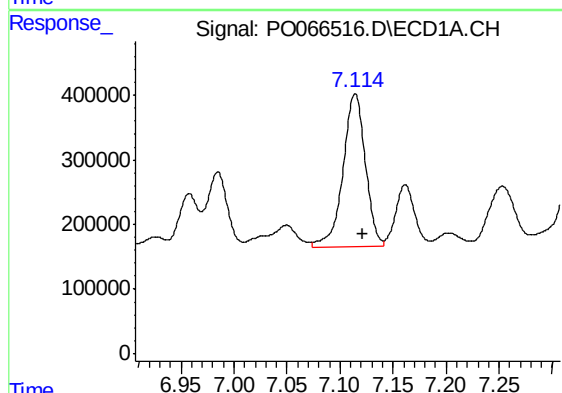
R.T.: 6.864 min
Delta R.T.: -0.001 min
Response: 1033833
Conc: 477.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-020720-02



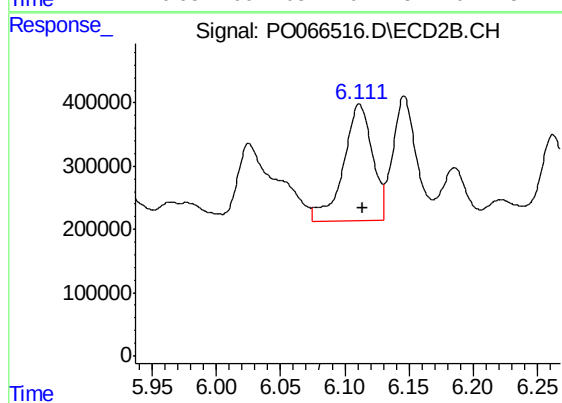
#31 AR-1260-1

R.T.: 5.924 min
Delta R.T.: -0.002 min
Response: 1421174
Conc: 483.95 ng/ml



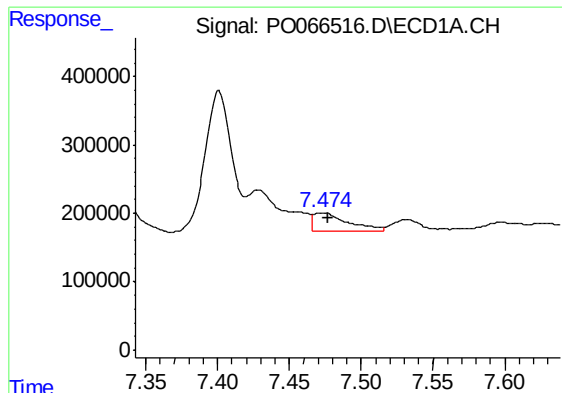
#32 AR-1260-2

R.T.: 7.114 min
Delta R.T.: -0.007 min
Response: 3506248
Conc: 1059.10 ng/ml



#32 AR-1260-2

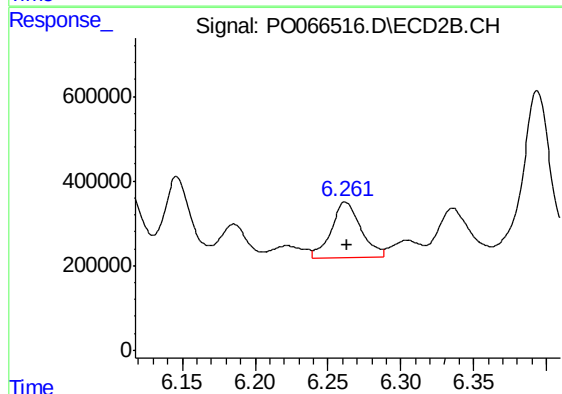
R.T.: 6.111 min
Delta R.T.: -0.002 min
Response: 2907026
Conc: 611.52 ng/ml



#33 AR-1260-3

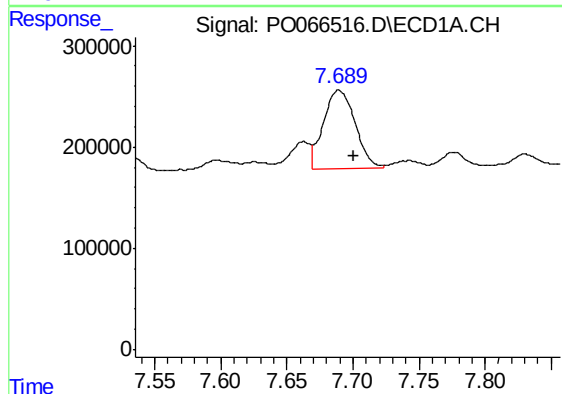
R.T.: 7.474 min
Delta R.T.: -0.003 min
Response: 444974
Conc: 161.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-020720-02



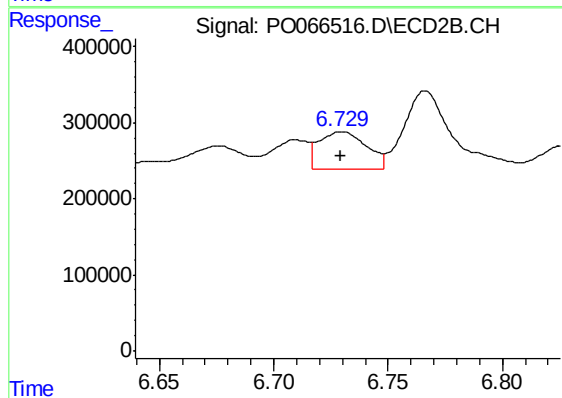
#33 AR-1260-3

R.T.: 6.262 min
Delta R.T.: -0.001 min
Response: 1846392
Conc: 461.64 ng/ml



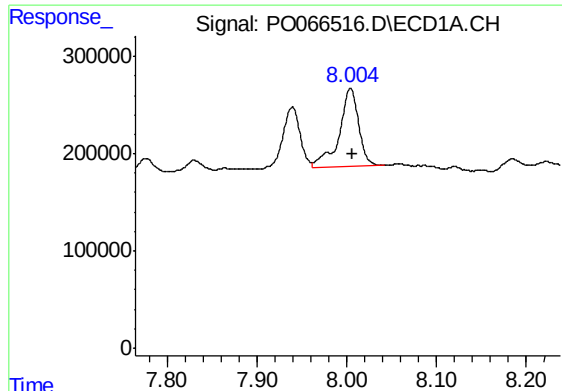
#34 AR-1260-4

R.T.: 7.689 min
Delta R.T.: -0.011 min
Response: 1291707
Conc: 498.29 ng/ml



#34 AR-1260-4

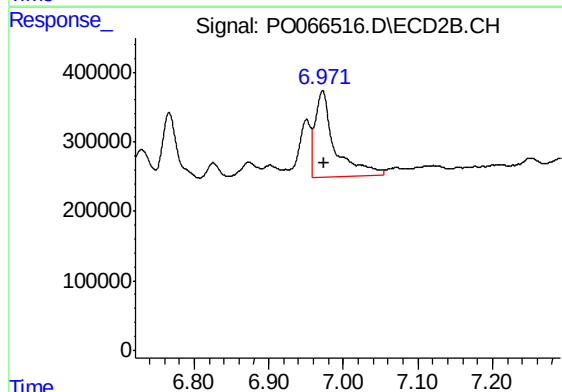
R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 703421
Conc: 218.08 ng/ml



#35 AR-1260-5

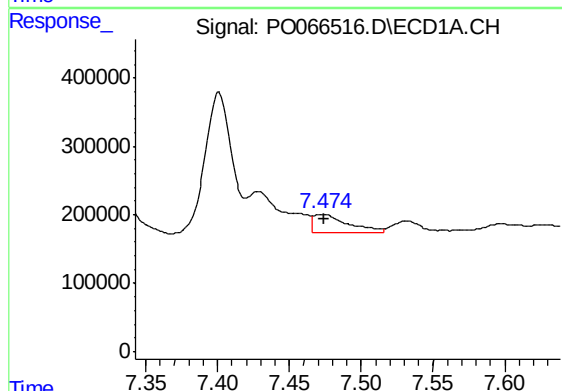
R.T.: 8.004 min
Delta R.T.: -0.002 min
Response: 1211085
Conc: 198.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-020720-02



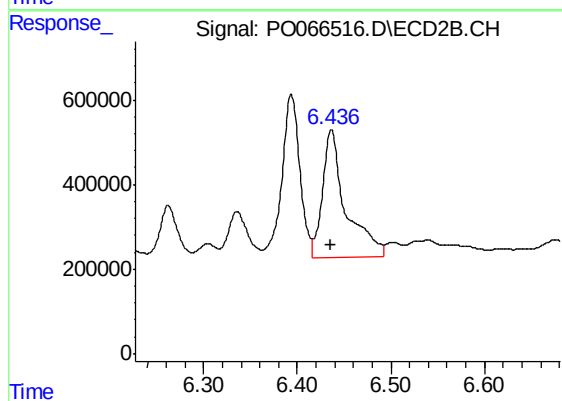
#35 AR-1260-5

R.T.: 6.972 min
Delta R.T.: -0.002 min
Response: 2260010
Conc: 243.88 ng/ml



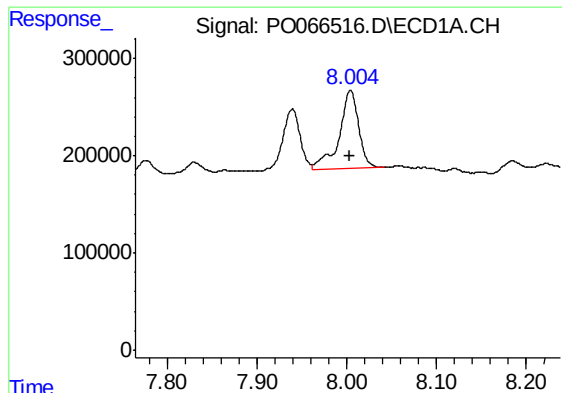
#36 AR-1262-1

R.T.: 7.474 min
Delta R.T.: 0.000 min
Response: 444974
Conc: 113.32 ng/ml



#36 AR-1262-1

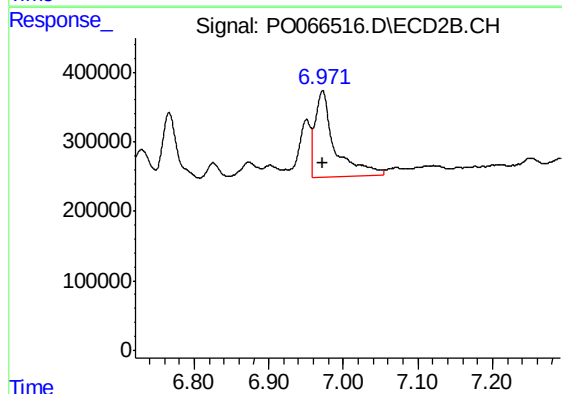
R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 5239799
Conc: 2390.71 ng/ml



#37 AR-1262-2

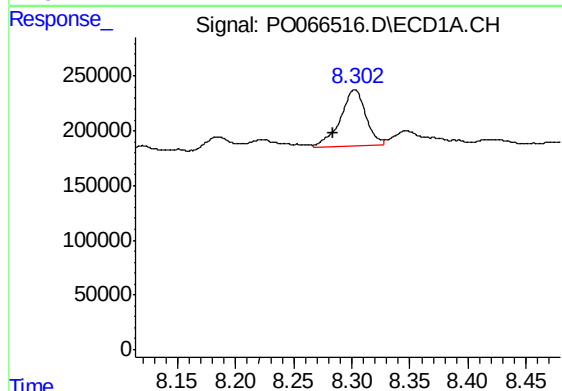
R.T.: 8.004 min
Delta R.T.: 0.000 min
Response: 1211085
Conc: 185.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-020720-02



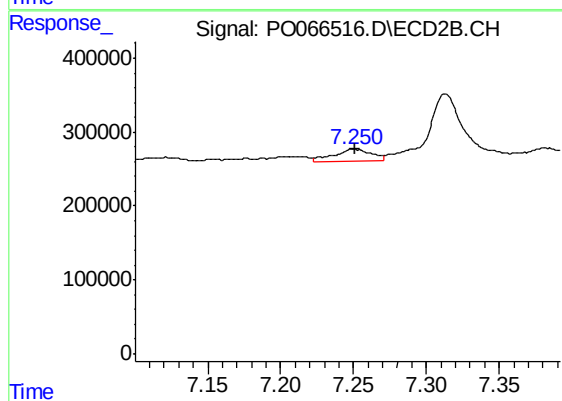
#37 AR-1262-2

R.T.: 6.972 min
Delta R.T.: -0.001 min
Response: 2260010
Conc: 226.52 ng/ml



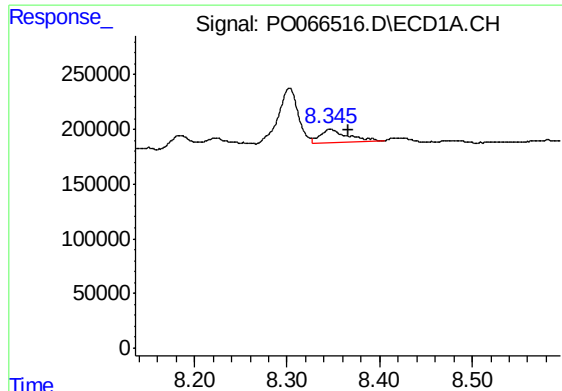
#38 AR-1262-3

R.T.: 8.303 min
Delta R.T.: 0.018 min
Response: 789760
Conc: 186.06 ng/ml



#38 AR-1262-3

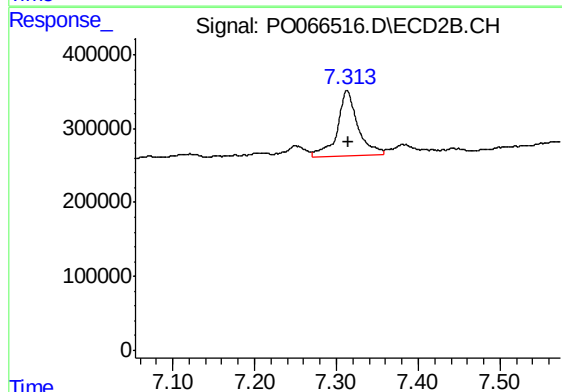
R.T.: 7.250 min
Delta R.T.: -0.001 min
Response: 288050
Conc: 66.67 ng/ml



#39 AR-1262-4

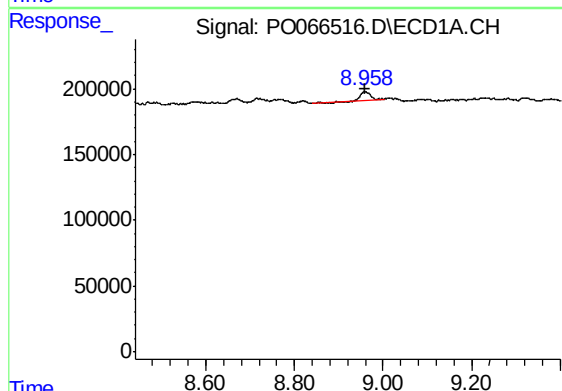
R.T.: 8.346 min
Delta R.T.: -0.020 min
Response: 257866
Conc: 83.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-020720-02



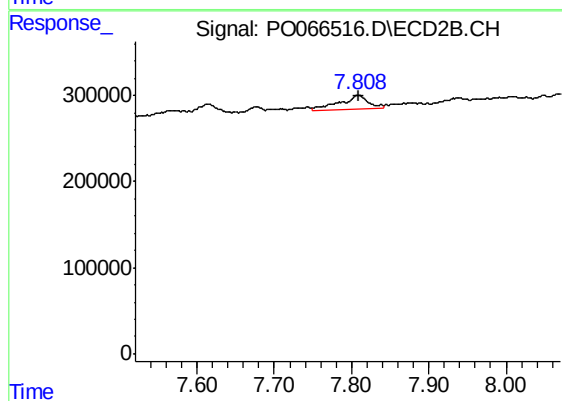
#39 AR-1262-4

R.T.: 7.313 min
Delta R.T.: -0.002 min
Response: 1527064
Conc: 219.80 ng/ml



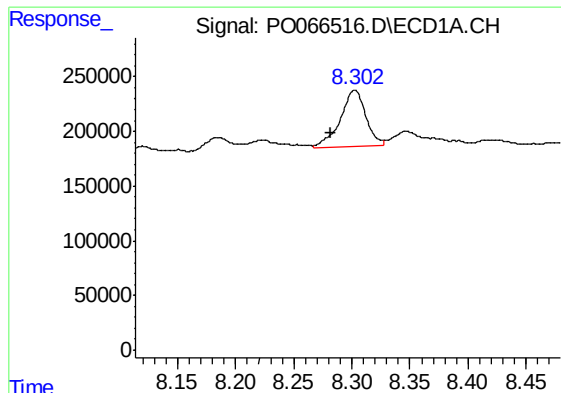
#40 AR-1262-5

R.T.: 8.959 min
Delta R.T.: 0.000 min
Response: 115998
Conc: 54.81 ng/ml



#40 AR-1262-5

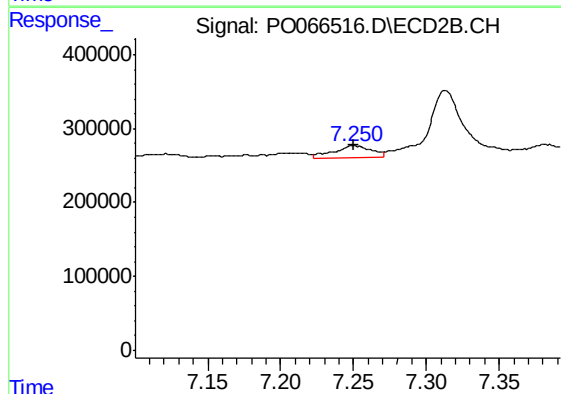
R.T.: 7.808 min
Delta R.T.: 0.000 min
Response: 419341
Conc: 146.15 ng/ml



#41 AR-1268-1

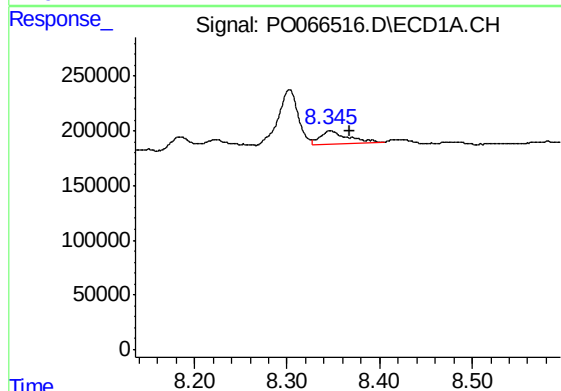
R.T.: 8.303 min
Delta R.T.: 0.020 min
Response: 789760
Conc: 100.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
PCB-020720-02



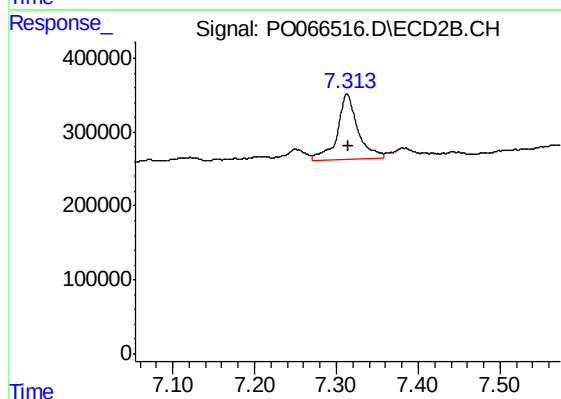
#41 AR-1268-1

R.T.: 7.250 min
Delta R.T.: 0.000 min
Response: 288050
Conc: 24.35 ng/ml



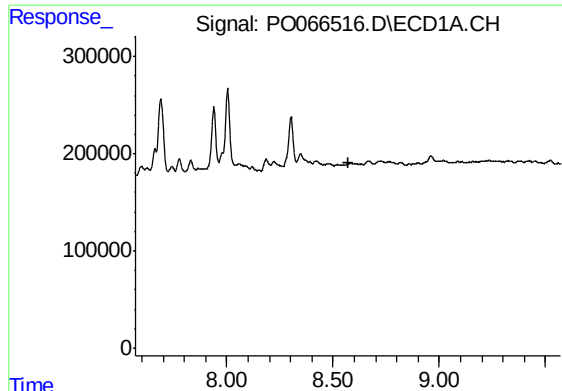
#42 AR-1268-2

R.T.: 8.346 min
Delta R.T.: -0.022 min
Response: 257866
Conc: 39.49 ng/ml



#42 AR-1268-2

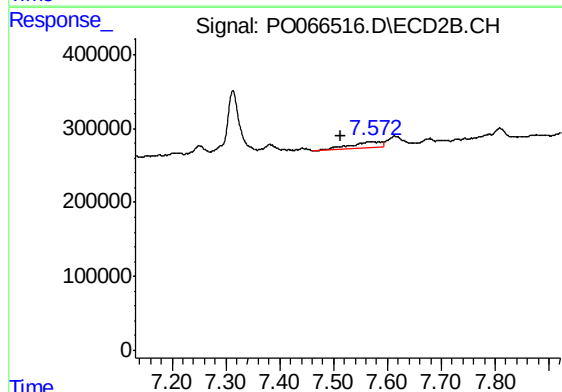
R.T.: 7.313 min
Delta R.T.: -0.002 min
Response: 1527064
Conc: 155.24 ng/ml



#43 AR-1268-3

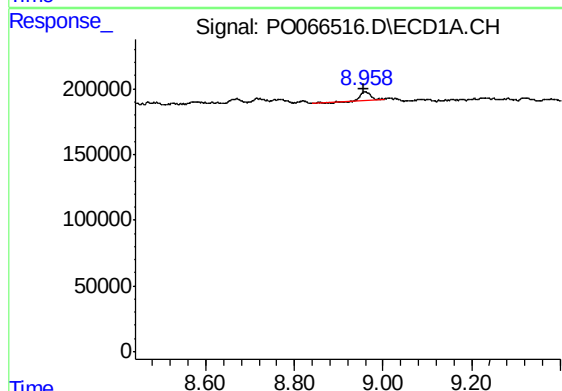
R.T.: 0.000 min
Exp R.T.: 8.570 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PCB-020720-02



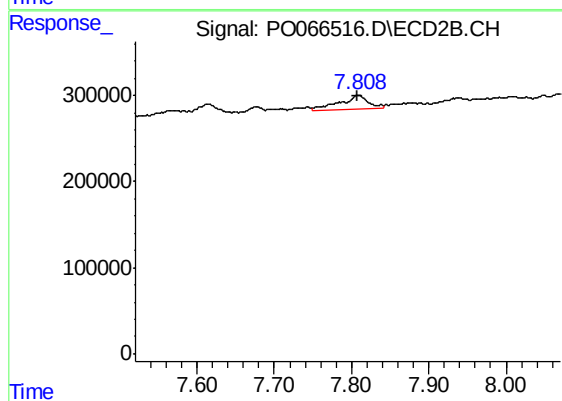
#43 AR-1268-3

R.T.: 7.572 min
Delta R.T.: 0.058 min
Response: 335710
Conc: 40.13 ng/ml



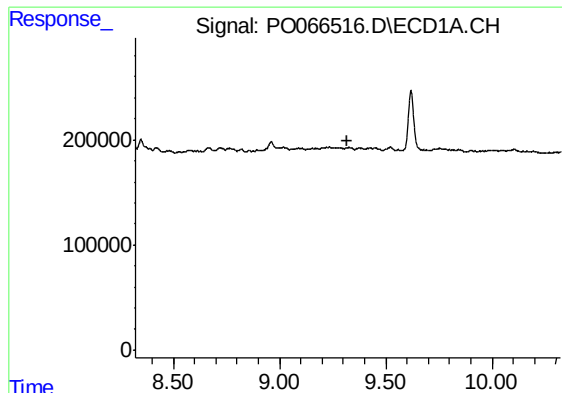
#44 AR-1268-4

R.T.: 8.959 min
Delta R.T.: 0.002 min
Response: 115998
Conc: 51.19 ng/ml



#44 AR-1268-4

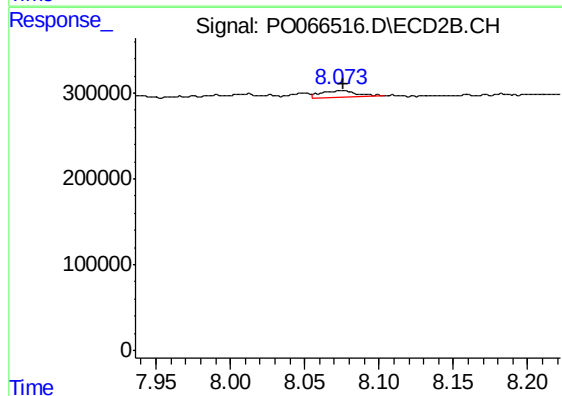
R.T.: 7.808 min
Delta R.T.: 0.001 min
Response: 419341
Conc: 129.44 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.322 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PCB-020720-02



#45 AR-1268-5

R.T.: 8.073 min
Delta R.T.: -0.003 min
Response: 121914
Conc: 5.18 ng/ml