

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072122\
 Data File : P0088258.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2022 21:56
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 23:51:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 15 03:57:23 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.445	3.604	139.7E6	53553988	54.752	56.762
2)	SA Decachlor...	10.291	8.601	104.5E6	55687446	49.204	53.288
Target Compounds							
3)	L1 AR-1016-1	5.620	4.682	1145797	468640	13.064	13.025
4)	L1 AR-1016-2	5.649	4.701	1311586	326382	10.454	6.388 #
5)	L1 AR-1016-3	5.708	4.877	570594	284114	7.356	10.234 #
6)	L1 AR-1016-4	5.804	4.918	550080	13114004	8.919	563.760 #
7)	L1 AR-1016-5	6.102	5.130	14937014	7698472	240.673	260.126
9)	L2 AR-1221-2	4.752	3.901	2011196	786416	90.734	99.160
10)	L2 AR-1221-3	4.820	0.000	378224	0	5.488	N.D. #
11)	L3 AR-1232-1	4.820	0.000	378224	0	7.278	N.D. #
12)	L3 AR-1232-2	5.154	4.701	580120	326382	22.628	16.550 #
13)	L3 AR-1232-3	5.649	4.877	1311586	284114	27.275	27.902
14)	L3 AR-1232-4	5.804	4.958	550080	3755834	23.653	386.639 #
15)	L3 AR-1232-5	5.896	5.130	26965159	7698472	1387.869	707.842 #
16)	L4 AR-1242-1	5.620	4.682	1145797	468640	16.784	16.108
17)	L4 AR-1242-2	5.649	4.701	1311586	326382	13.540	8.058 #
18)	L4 AR-1242-3	5.708	4.877	570594	284114	9.404	12.859 #
19)	L4 AR-1242-4	5.804	4.958	550080	3755834	11.420	160.633 #
20)	L4 AR-1242-5	6.550	5.482	15486712	31815145	294.069	1187.092 #
21)	L5 AR-1248-1	5.620	4.682	1145797	468640	21.445	20.459
22)	L5 AR-1248-2	5.896	4.918	26965159	13114004	347.042	388.766
23)	L5 AR-1248-3	6.102	4.958	14937014	3755834	178.439	108.071 #
24)	L5 AR-1248-4	6.507	5.130	22282515	7698472	242.445	183.888
25)	L5 AR-1248-5	6.550	5.523	15486712	3238523	172.196	89.885 #
26)	L6 AR-1254-1	6.481	5.482	47354931	31815145	499.455	551.819
27)	L6 AR-1254-2	6.701	5.630	71678356	27770443	499.296	541.595
28)	L6 AR-1254-3	7.069	6.033	73427562	43059655	501.292	530.620
29)	L6 AR-1254-4	7.356	6.261	53465347	26452448	494.008	530.384
30)	L6 AR-1254-5	7.778	6.679	58640943	39815530	487.240	527.180
31)	L7 AR-1260-1	7.235	6.163	32195927	21310618	276.700	393.199 #
32)	L7 AR-1260-2	7.493	6.352	35504588	17286111	262.776	266.218
33)	L7 AR-1260-3	7.838	6.503	7930129	18571197	86.620	298.562 #
34)	L7 AR-1260-4	8.067	6.976	22916737	1875289	212.147	39.646 #
35)	L7 AR-1260-5	8.408	7.218	8363834	4759810	40.759	41.600
36)	L8 AR-1262-1	7.838	6.770	7930129	1189942	57.730	39.260 #
37)	L8 AR-1262-2	8.408	7.218	8363834	4759810	35.540	35.425
38)	L8 AR-1262-3	8.746	7.503	6699363	313105	40.421	5.741 #
39)	L8 AR-1262-4	8.794	7.563	1953429	4885440	23.400	48.292 #
40)	L8 AR-1262-5	9.501	8.061	1357499	330437	15.232	6.728 #
41)	L9 AR-1268-1	8.746	7.503	6699363	313105	23.688	1.976 #
42)	L9 AR-1268-2	8.794	7.563	1953429	4885440	7.513	33.964 #

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Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

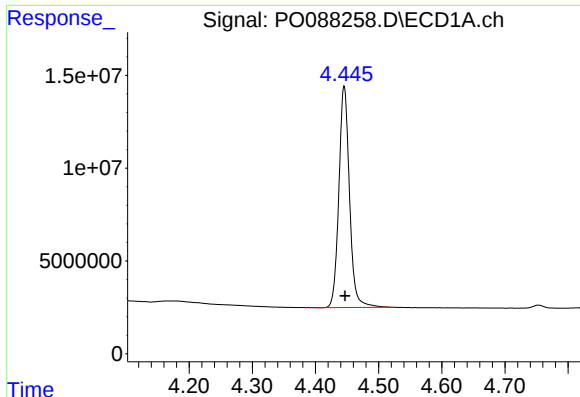
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 23:51:35 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.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
43) L9	AR-1268-3	9.069	7.772	189104	137605	0.845	1.105 #
44) L9	AR-1268-4	9.501	8.061	1357499	330437	13.846	6.159 #
45) L9	AR-1268-5	9.937	8.350	817067	515200	1.125	1.332

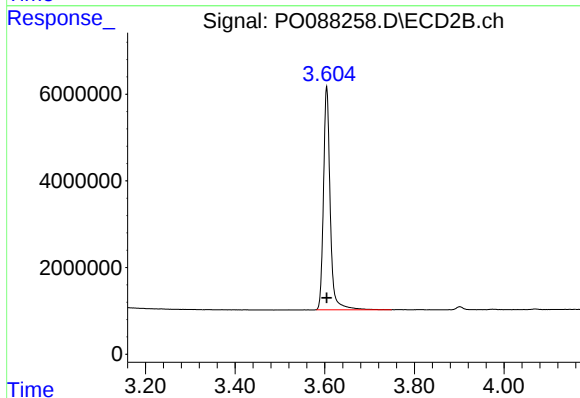
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

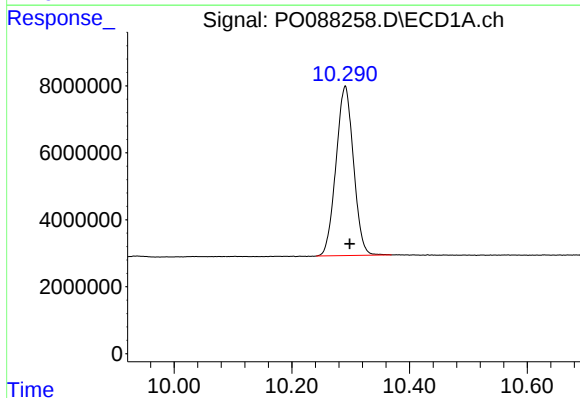
R.T.: 4.445 min
Delta R.T.: -0.002 min
Response: 139682979
Conc: 54.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



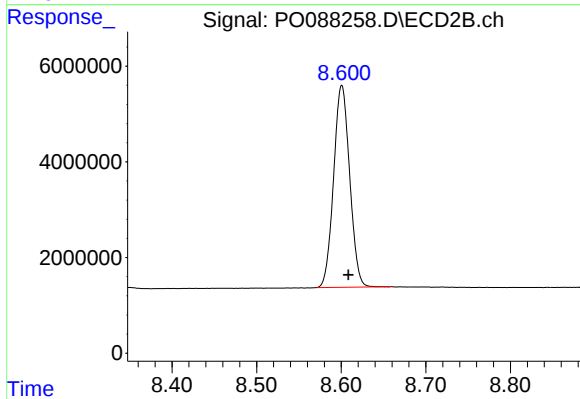
#1 Tetrachloro-m-xylene

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 53553988
Conc: 56.76 ng/ml



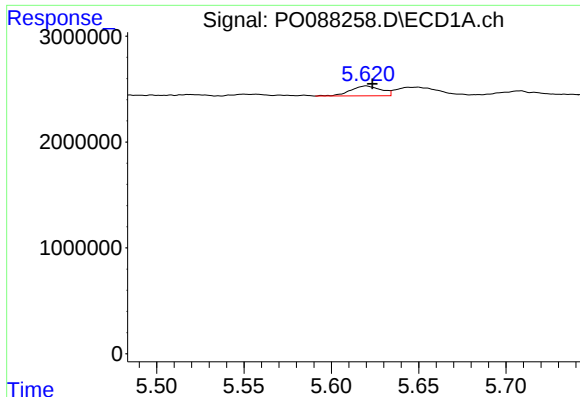
#2 Decachlorobiphenyl

R.T.: 10.291 min
Delta R.T.: -0.008 min
Response: 104495638
Conc: 49.20 ng/ml



#2 Decachlorobiphenyl

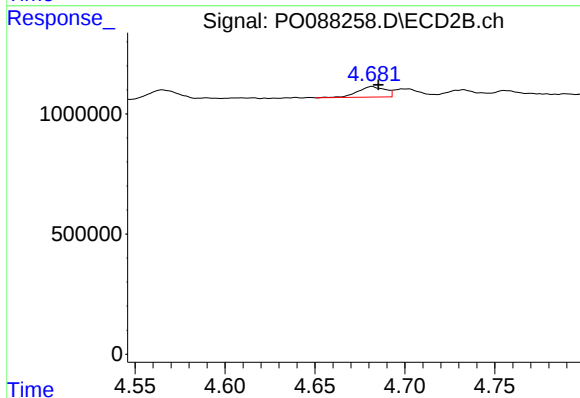
R.T.: 8.601 min
Delta R.T.: -0.008 min
Response: 55687446
Conc: 53.29 ng/ml



#3 AR-1016-1

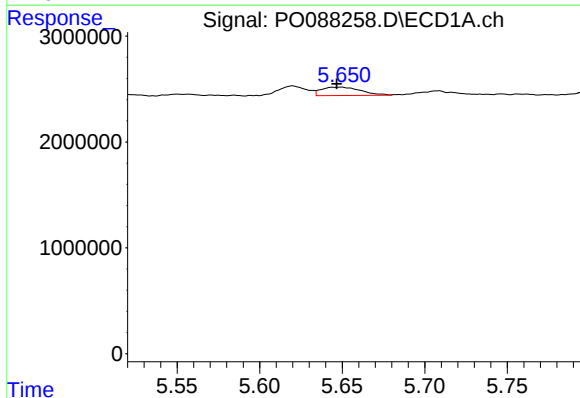
R.T.: 5.620 min
Delta R.T.: -0.004 min
Response: 1145797
Conc: 13.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



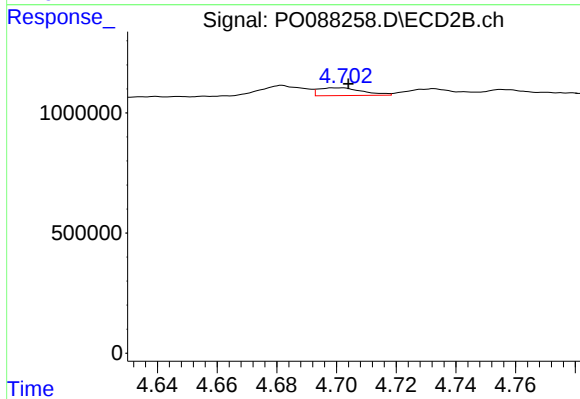
#3 AR-1016-1

R.T.: 4.682 min
Delta R.T.: -0.004 min
Response: 468640
Conc: 13.02 ng/ml



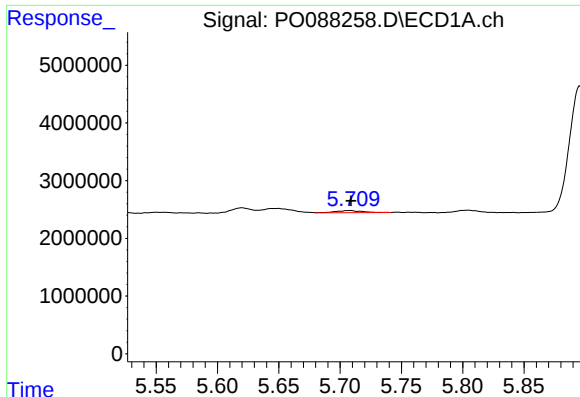
#4 AR-1016-2

R.T.: 5.649 min
Delta R.T.: 0.002 min
Response: 1311586
Conc: 10.45 ng/ml



#4 AR-1016-2

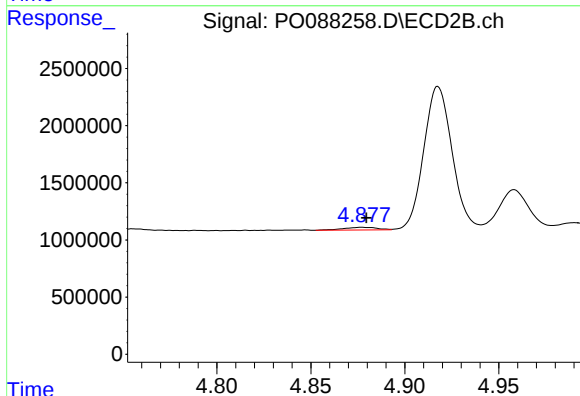
R.T.: 4.701 min
Delta R.T.: -0.003 min
Response: 326382
Conc: 6.39 ng/ml



#5 AR-1016-3

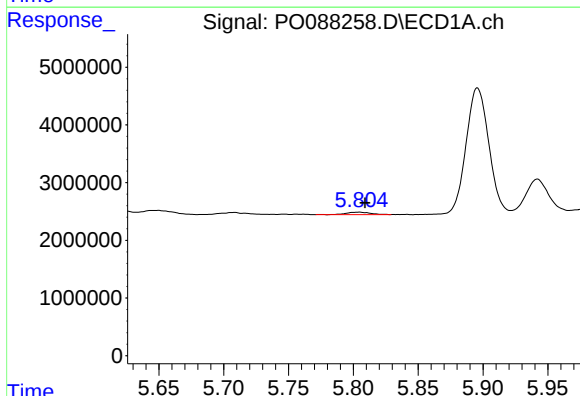
R.T.: 5.708 min
Delta R.T.: -0.001 min
Response: 570594
Conc: 7.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



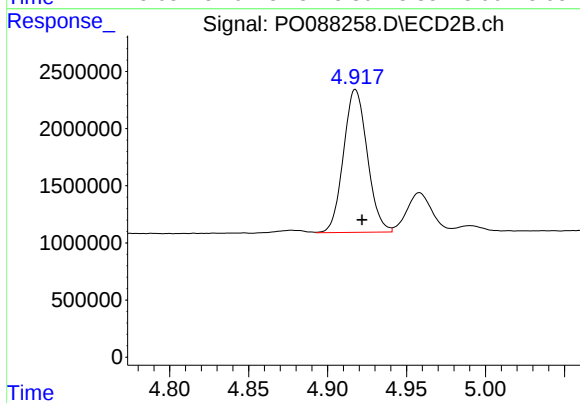
#5 AR-1016-3

R.T.: 4.877 min
Delta R.T.: -0.002 min
Response: 284114
Conc: 10.23 ng/ml



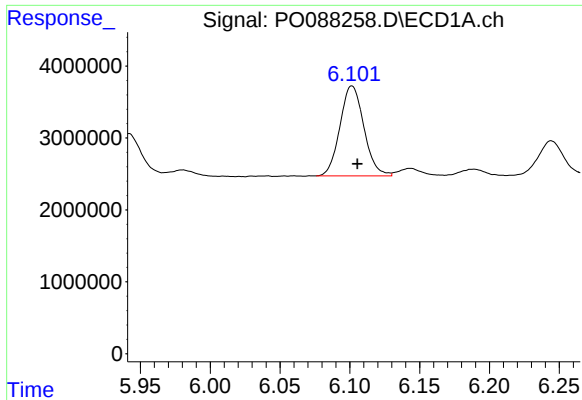
#6 AR-1016-4

R.T.: 5.804 min
Delta R.T.: -0.005 min
Response: 550080
Conc: 8.92 ng/ml



#6 AR-1016-4

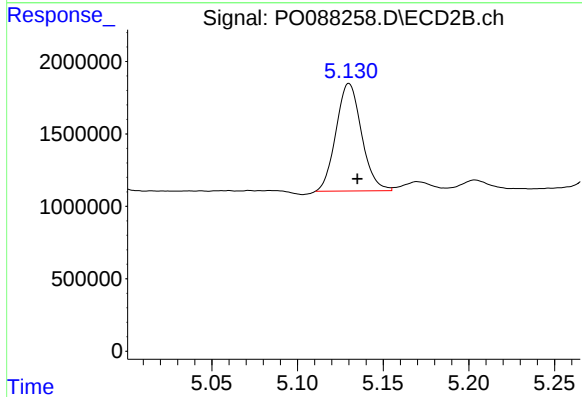
R.T.: 4.918 min
Delta R.T.: -0.004 min
Response: 13114004
Conc: 563.76 ng/ml



#7 AR-1016-5

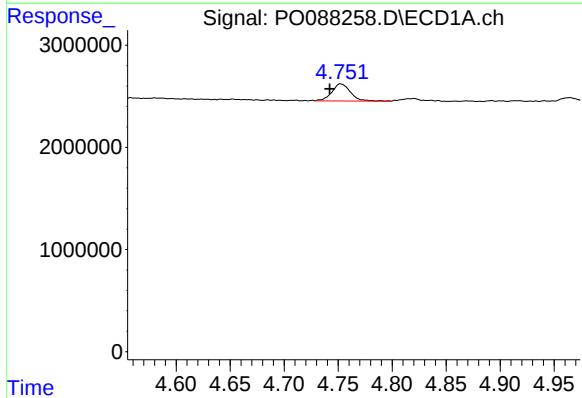
R.T.: 6.102 min
Delta R.T.: -0.004 min
Response: 14937014
Conc: 240.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



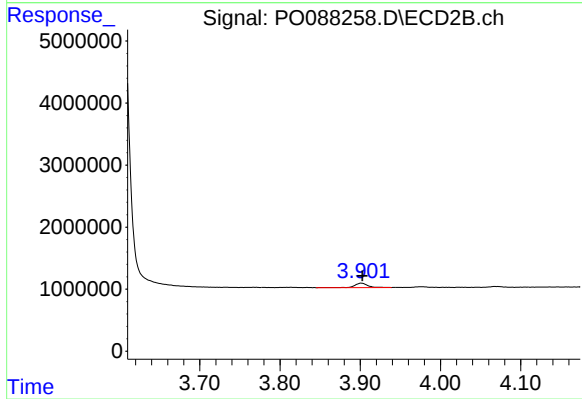
#7 AR-1016-5

R.T.: 5.130 min
Delta R.T.: -0.005 min
Response: 7698472
Conc: 260.13 ng/ml



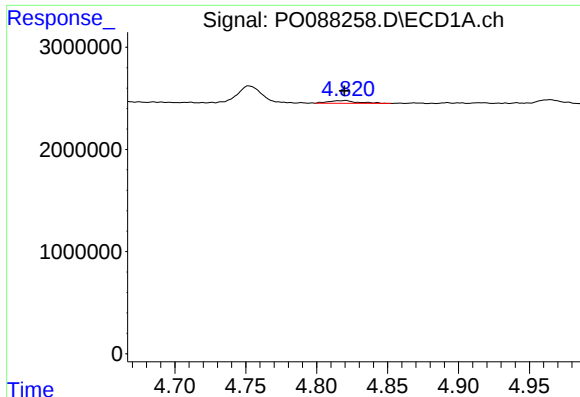
#9 AR-1221-2

R.T.: 4.752 min
Delta R.T.: 0.010 min
Response: 2011196
Conc: 90.73 ng/ml



#9 AR-1221-2

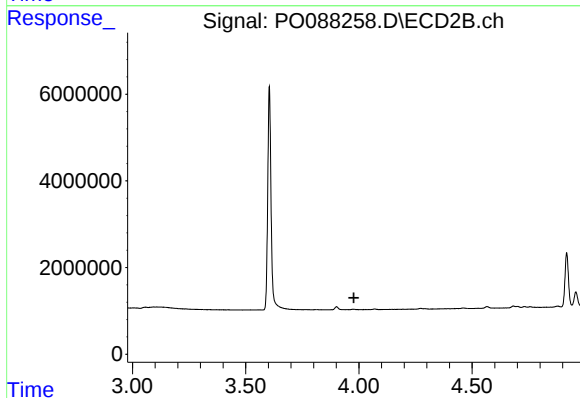
R.T.: 3.901 min
Delta R.T.: -0.001 min
Response: 786416
Conc: 99.16 ng/ml



#10 AR-1221-3

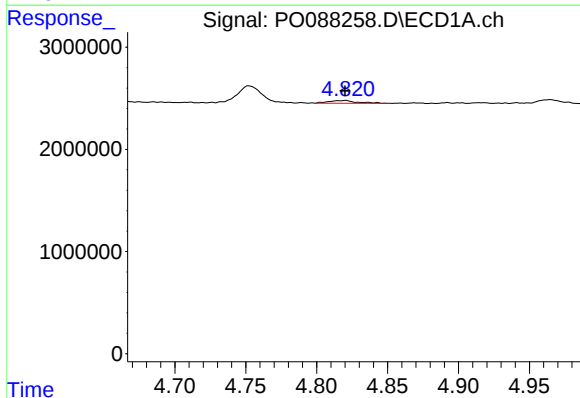
R.T.: 4.820 min
Delta R.T.: 0.000 min
Response: 378224
Conc: 5.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



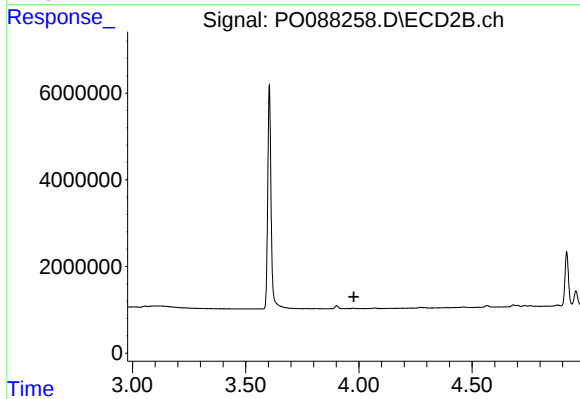
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.978 min
Response: 0
Conc: N.D.



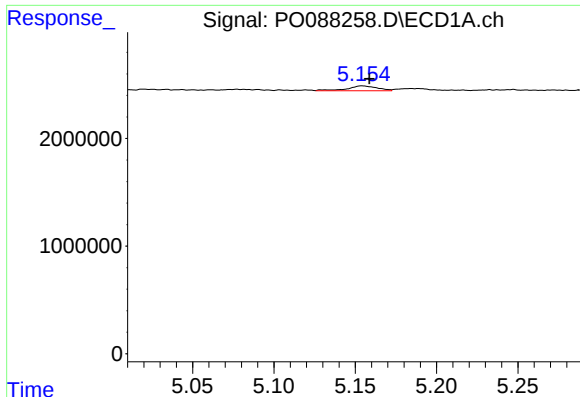
#11 AR-1232-1

R.T.: 4.820 min
Delta R.T.: 0.000 min
Response: 378224
Conc: 7.28 ng/ml



#11 AR-1232-1

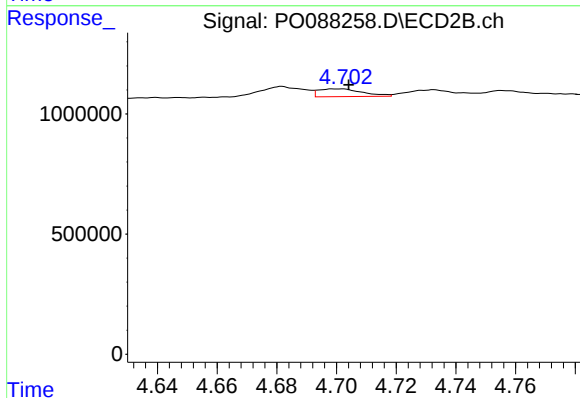
R.T.: 0.000 min
Exp R.T. : 3.978 min
Response: 0
Conc: N.D.



#12 AR-1232-2

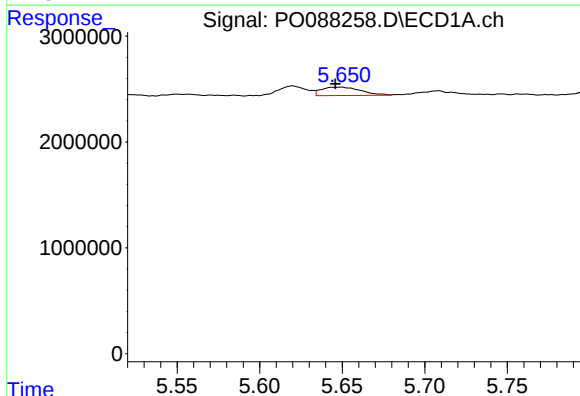
R.T.: 5.154 min
Delta R.T.: -0.004 min
Response: 580120
Conc: 22.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



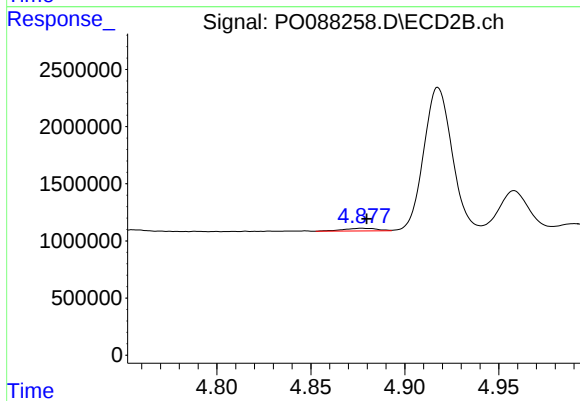
#12 AR-1232-2

R.T.: 4.701 min
Delta R.T.: -0.003 min
Response: 326382
Conc: 16.55 ng/ml



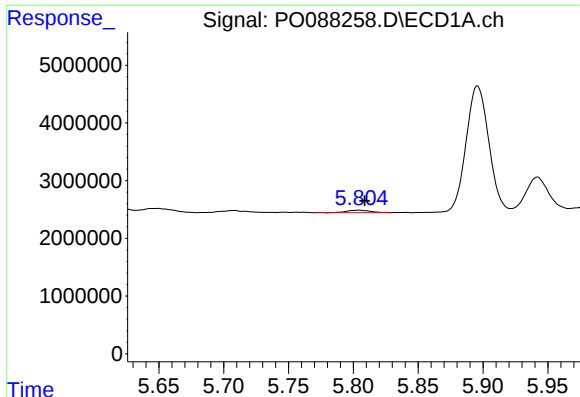
#13 AR-1232-3

R.T.: 5.649 min
Delta R.T.: 0.003 min
Response: 1311586
Conc: 27.27 ng/ml



#13 AR-1232-3

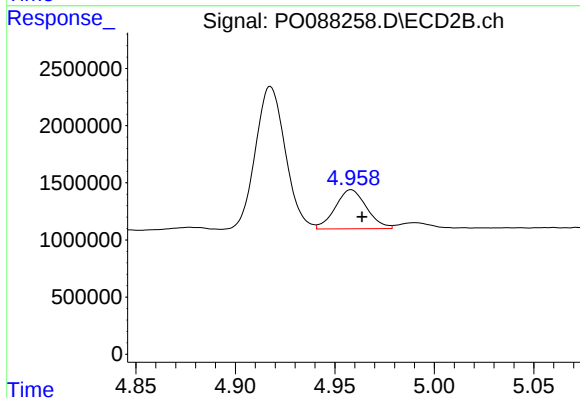
R.T.: 4.877 min
Delta R.T.: -0.002 min
Response: 284114
Conc: 27.90 ng/ml



#14 AR-1232-4

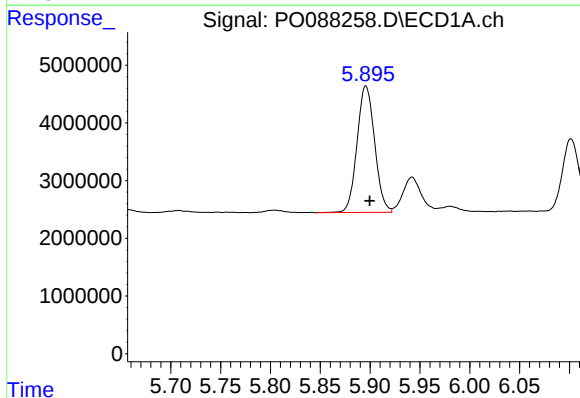
R.T.: 5.804 min
Delta R.T.: -0.005 min
Response: 550080
Conc: 23.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



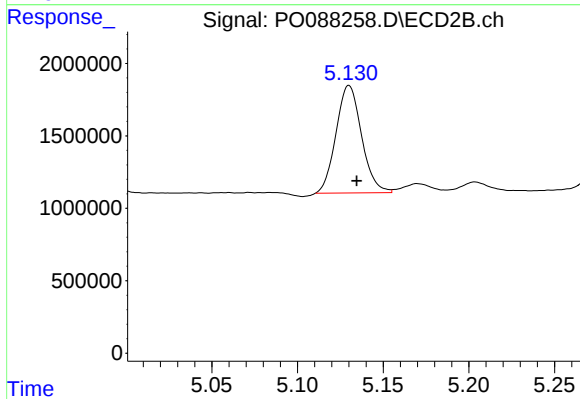
#14 AR-1232-4

R.T.: 4.958 min
Delta R.T.: -0.006 min
Response: 3755834
Conc: 386.64 ng/ml



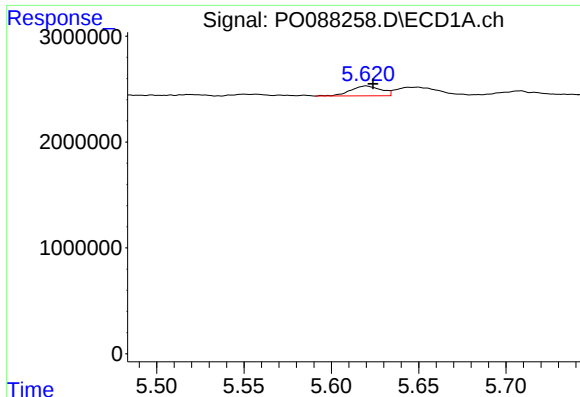
#15 AR-1232-5

R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 26965159
Conc: 1387.87 ng/ml



#15 AR-1232-5

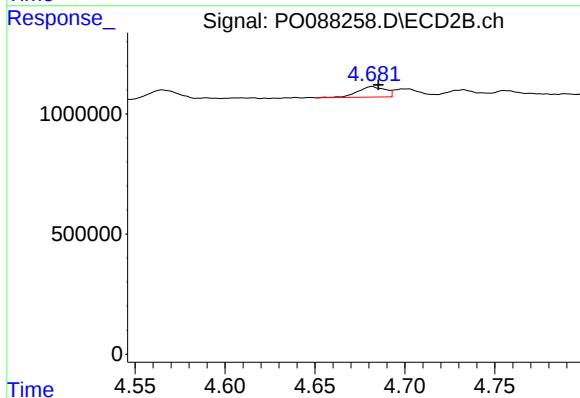
R.T.: 5.130 min
Delta R.T.: -0.004 min
Response: 7698472
Conc: 707.84 ng/ml



#16 AR-1242-1

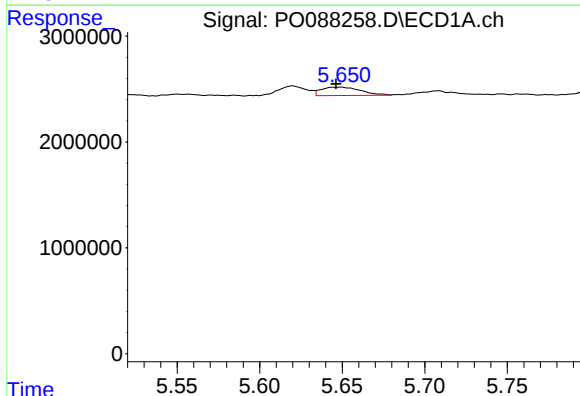
R.T.: 5.620 min
Delta R.T.: -0.004 min
Response: 1145797
Conc: 16.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



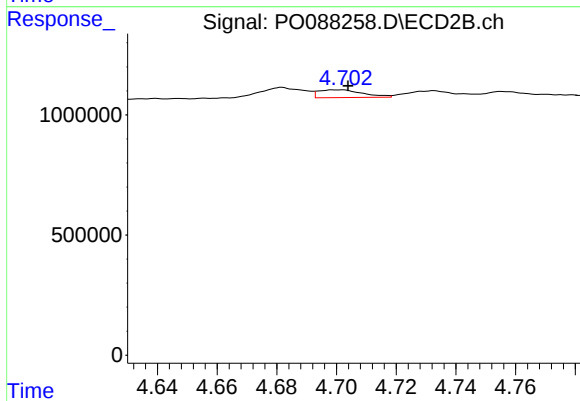
#16 AR-1242-1

R.T.: 4.682 min
Delta R.T.: -0.004 min
Response: 468640
Conc: 16.11 ng/ml



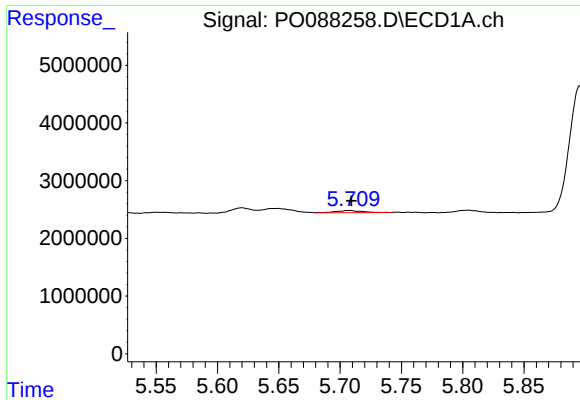
#17 AR-1242-2

R.T.: 5.649 min
Delta R.T.: 0.003 min
Response: 1311586
Conc: 13.54 ng/ml



#17 AR-1242-2

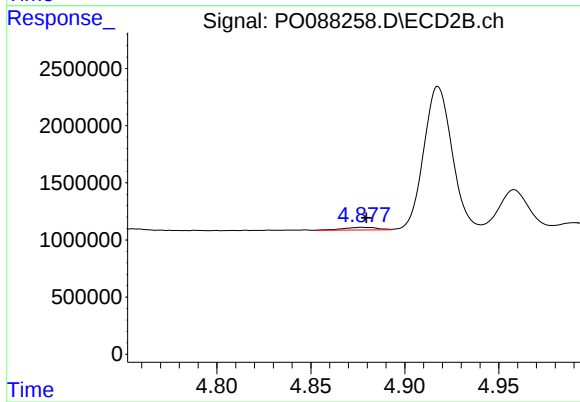
R.T.: 4.701 min
Delta R.T.: -0.003 min
Response: 326382
Conc: 8.06 ng/ml



#18 AR-1242-3

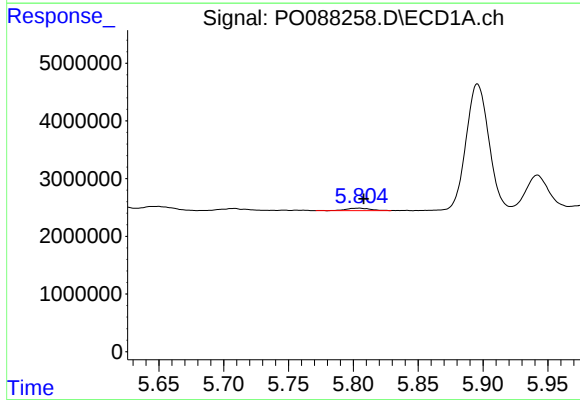
R.T.: 5.708 min
Delta R.T.: -0.001 min
Response: 570594
Conc: 9.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



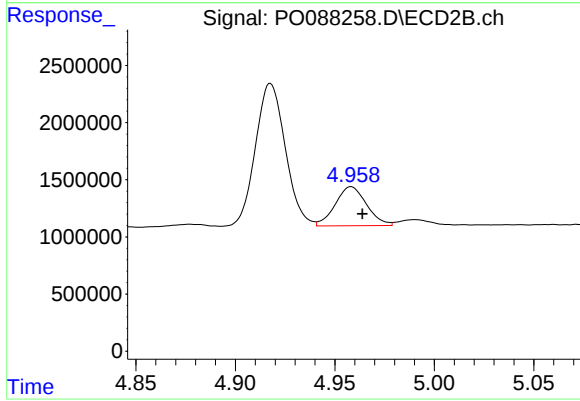
#18 AR-1242-3

R.T.: 4.877 min
Delta R.T.: -0.002 min
Response: 284114
Conc: 12.86 ng/ml



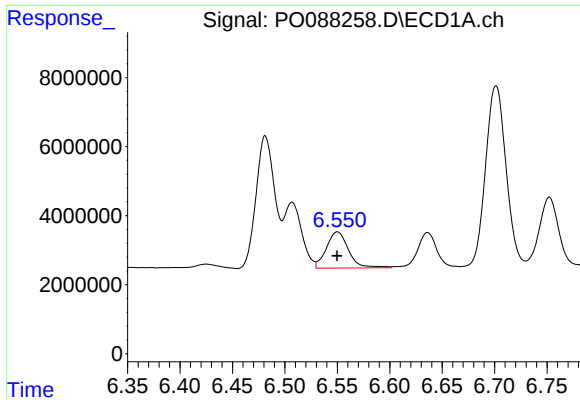
#19 AR-1242-4

R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 550080
Conc: 11.42 ng/ml



#19 AR-1242-4

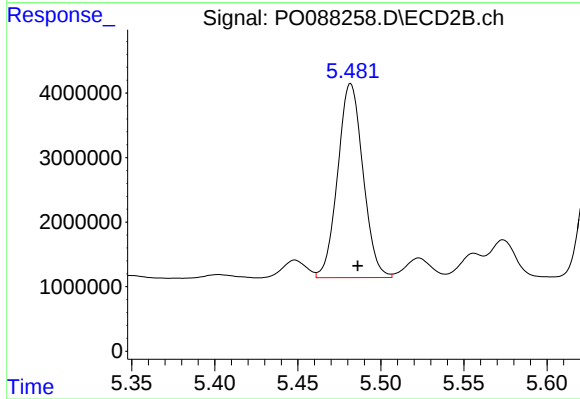
R.T.: 4.958 min
Delta R.T.: -0.006 min
Response: 3755834
Conc: 160.63 ng/ml



#20 AR-1242-5

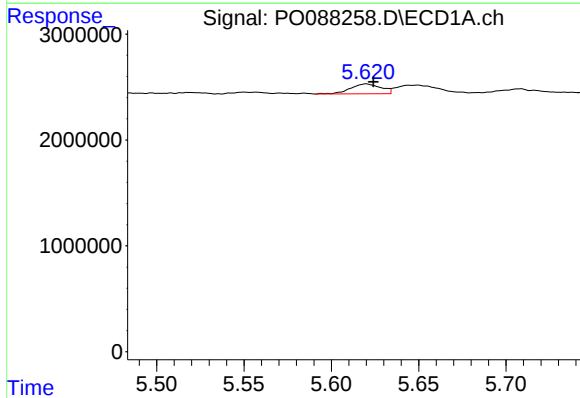
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 15486712
Conc: 294.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



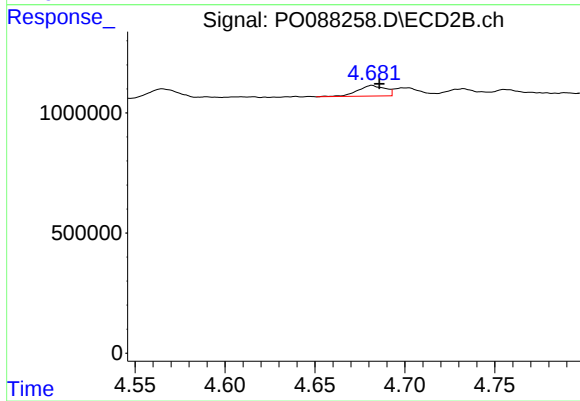
#20 AR-1242-5

R.T.: 5.482 min
Delta R.T.: -0.004 min
Response: 31815145
Conc: 1187.09 ng/ml



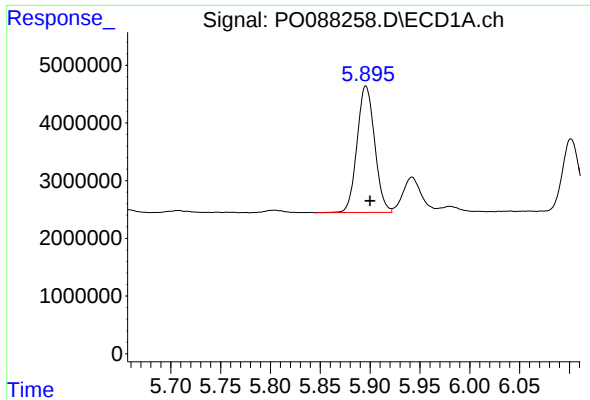
#21 AR-1248-1

R.T.: 5.620 min
Delta R.T.: -0.004 min
Response: 1145797
Conc: 21.45 ng/ml



#21 AR-1248-1

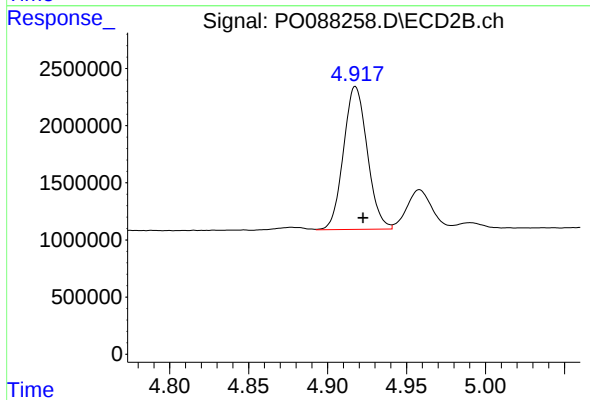
R.T.: 4.682 min
Delta R.T.: -0.004 min
Response: 468640
Conc: 20.46 ng/ml



#22 AR-1248-2

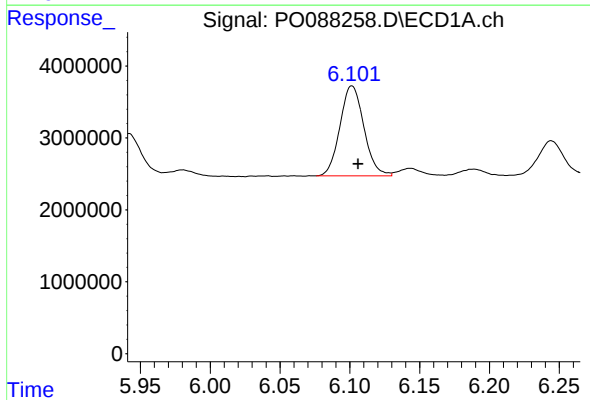
R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 26965159
Conc: 347.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



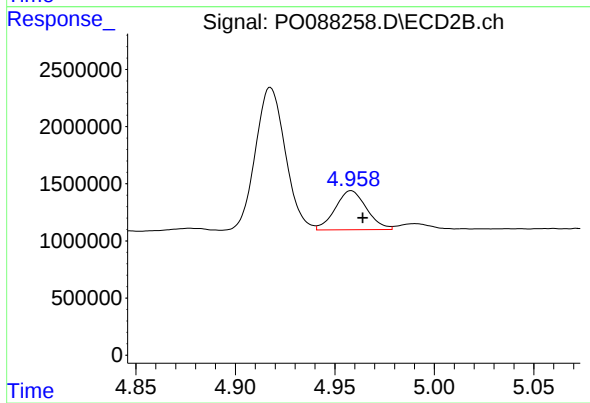
#22 AR-1248-2

R.T.: 4.918 min
Delta R.T.: -0.005 min
Response: 13114004
Conc: 388.77 ng/ml



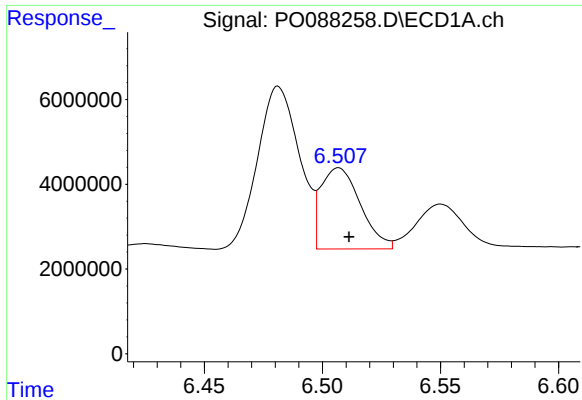
#23 AR-1248-3

R.T.: 6.102 min
Delta R.T.: -0.004 min
Response: 14937014
Conc: 178.44 ng/ml



#23 AR-1248-3

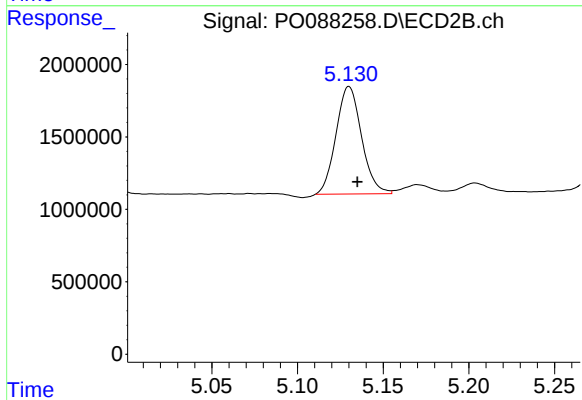
R.T.: 4.958 min
Delta R.T.: -0.006 min
Response: 3755834
Conc: 108.07 ng/ml



#24 AR-1248-4

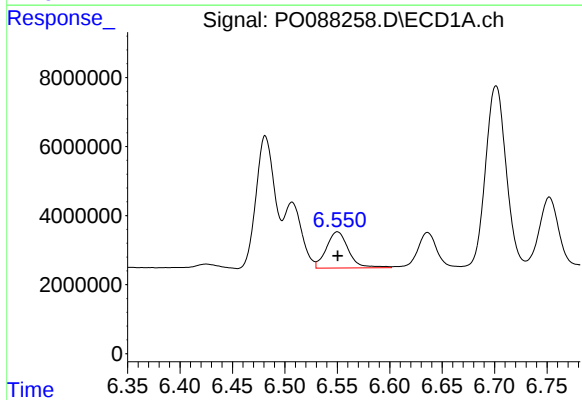
R.T.: 6.507 min
Delta R.T.: -0.004 min
Response: 22282515
Conc: 242.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



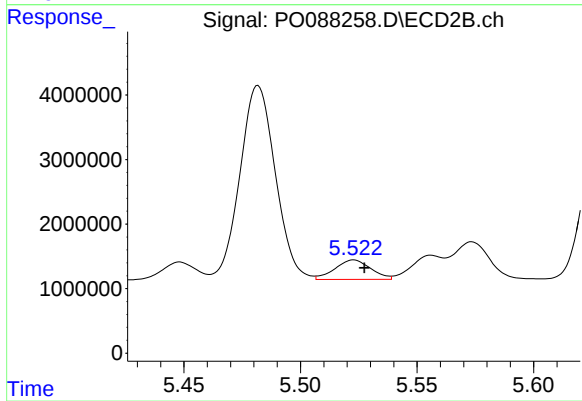
#24 AR-1248-4

R.T.: 5.130 min
Delta R.T.: -0.005 min
Response: 7698472
Conc: 183.89 ng/ml



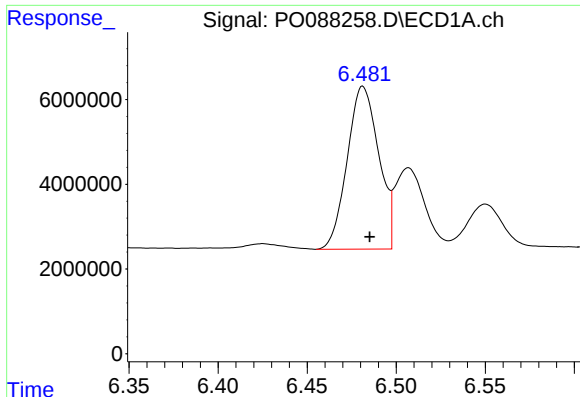
#25 AR-1248-5

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 15486712
Conc: 172.20 ng/ml



#25 AR-1248-5

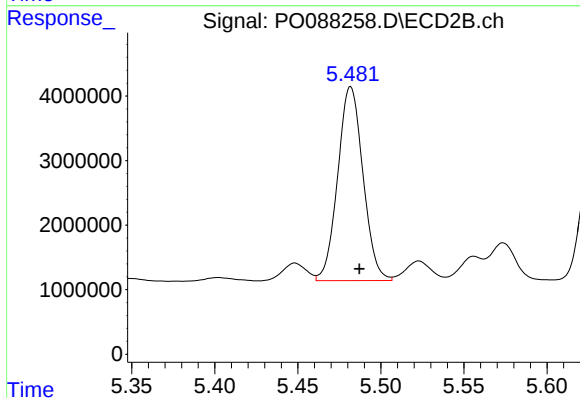
R.T.: 5.523 min
Delta R.T.: -0.005 min
Response: 3238523
Conc: 89.89 ng/ml



#26 AR-1254-1

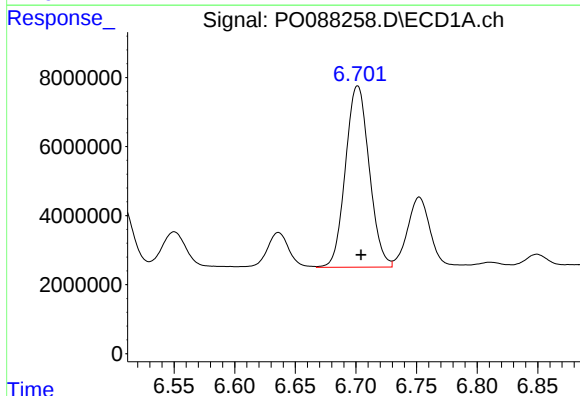
R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 47354931
Conc: 499.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



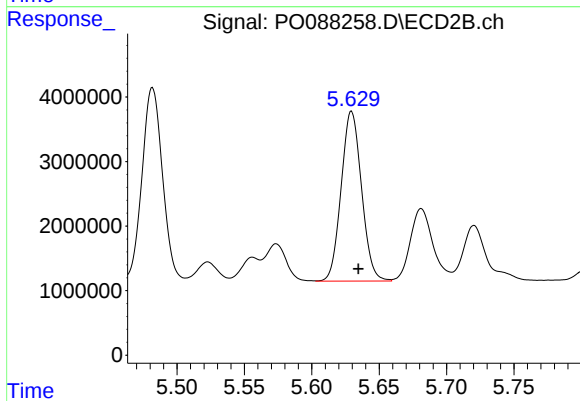
#26 AR-1254-1

R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 31815145
Conc: 551.82 ng/ml



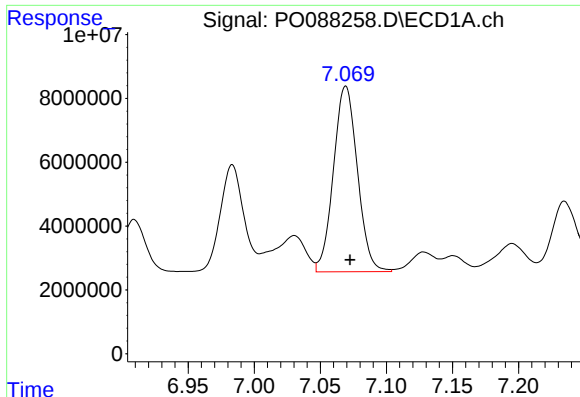
#27 AR-1254-2

R.T.: 6.701 min
Delta R.T.: -0.003 min
Response: 71678356
Conc: 499.30 ng/ml



#27 AR-1254-2

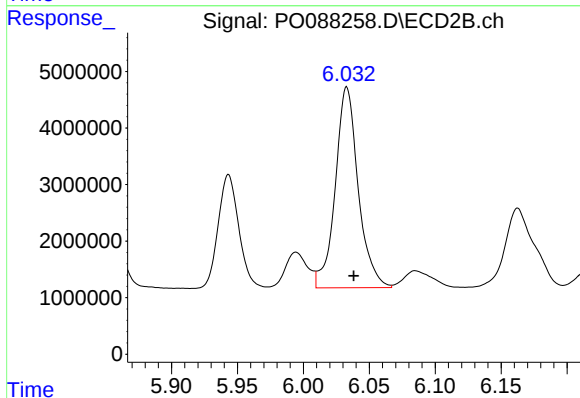
R.T.: 5.630 min
Delta R.T.: -0.005 min
Response: 27770443
Conc: 541.59 ng/ml



#28 AR-1254-3

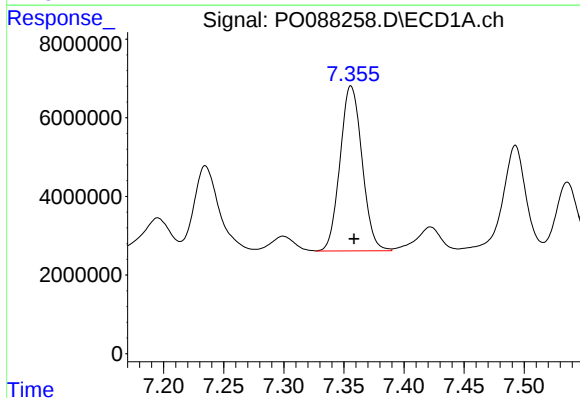
R.T.: 7.069 min
Delta R.T.: -0.003 min
Response: 73427562
Conc: 501.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



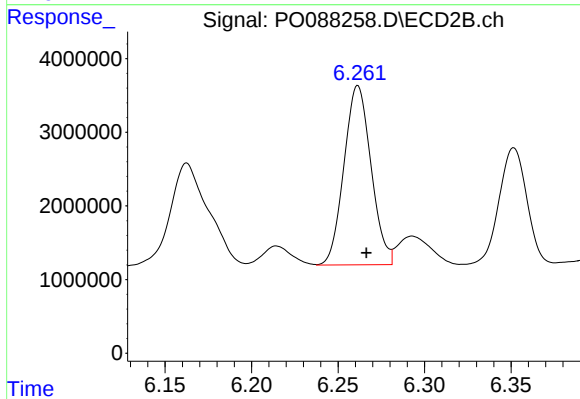
#28 AR-1254-3

R.T.: 6.033 min
Delta R.T.: -0.005 min
Response: 43059655
Conc: 530.62 ng/ml



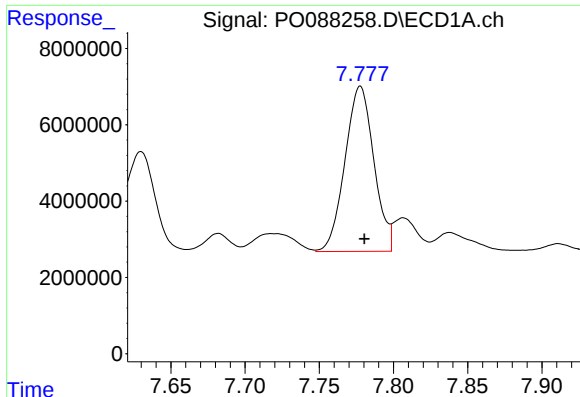
#29 AR-1254-4

R.T.: 7.356 min
Delta R.T.: -0.003 min
Response: 53465347
Conc: 494.01 ng/ml



#29 AR-1254-4

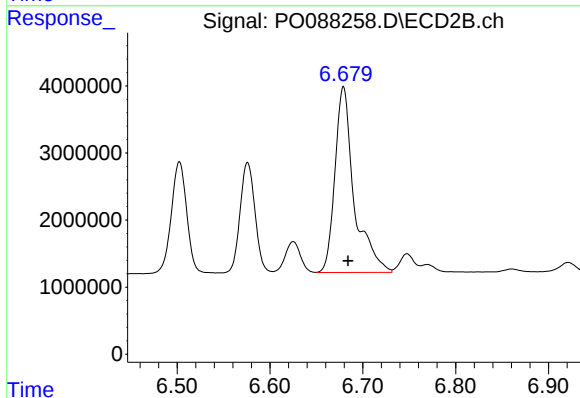
R.T.: 6.261 min
Delta R.T.: -0.005 min
Response: 26452448
Conc: 530.38 ng/ml



#30 AR-1254-5

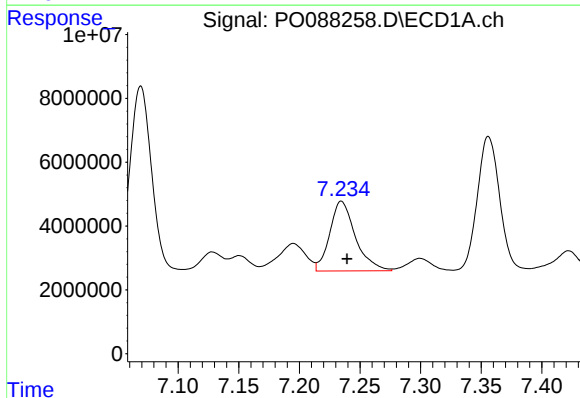
R.T.: 7.778 min
Delta R.T.: -0.003 min
Response: 58640943
Conc: 487.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



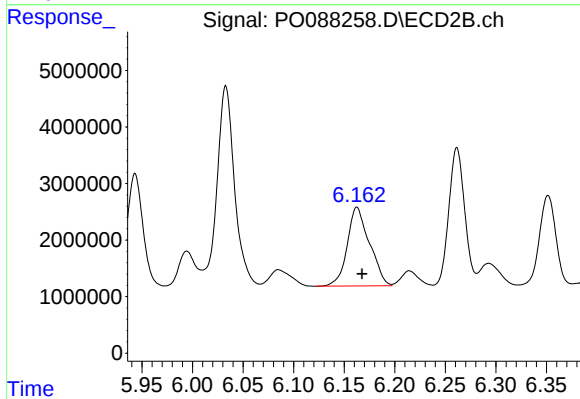
#30 AR-1254-5

R.T.: 6.679 min
Delta R.T.: -0.005 min
Response: 39815530
Conc: 527.18 ng/ml



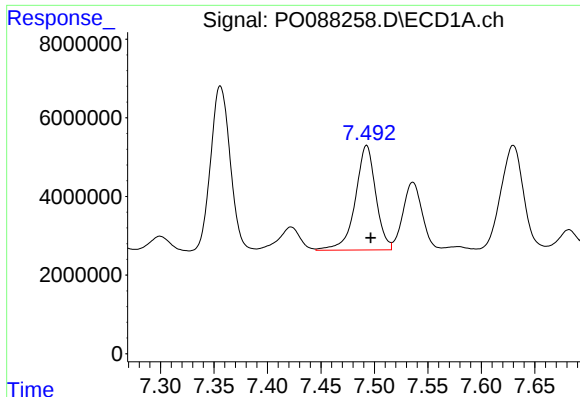
#31 AR-1260-1

R.T.: 7.235 min
Delta R.T.: -0.005 min
Response: 32195927
Conc: 276.70 ng/ml



#31 AR-1260-1

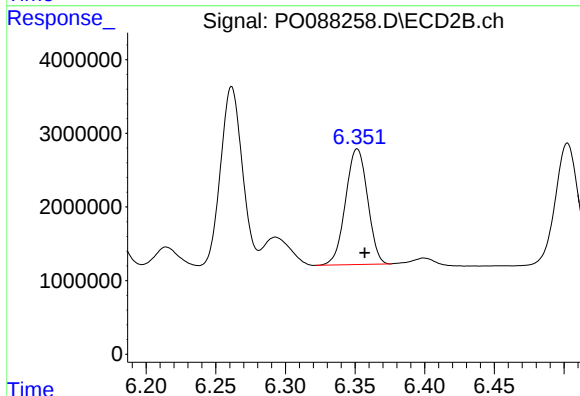
R.T.: 6.163 min
Delta R.T.: -0.005 min
Response: 21310618
Conc: 393.20 ng/ml



#32 AR-1260-2

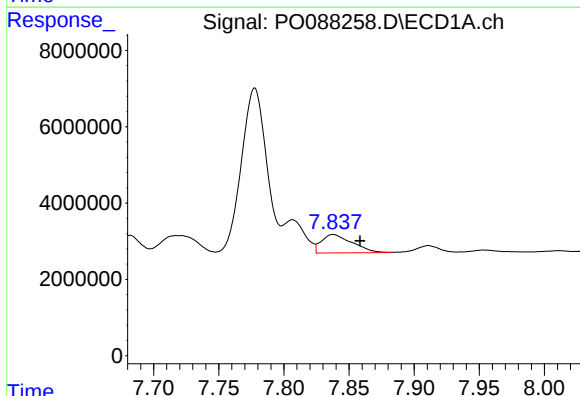
R.T.: 7.493 min
Delta R.T.: -0.004 min
Response: 35504588
Conc: 262.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



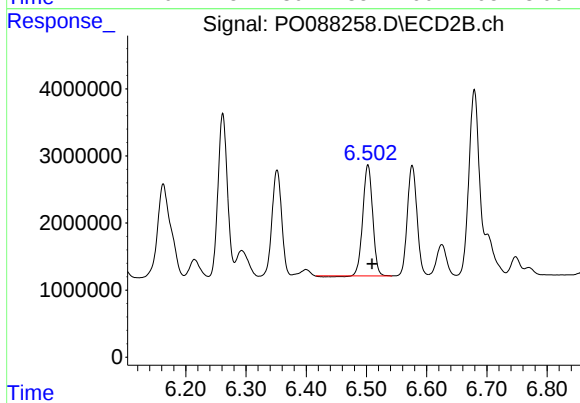
#32 AR-1260-2

R.T.: 6.352 min
Delta R.T.: -0.005 min
Response: 17286111
Conc: 266.22 ng/ml



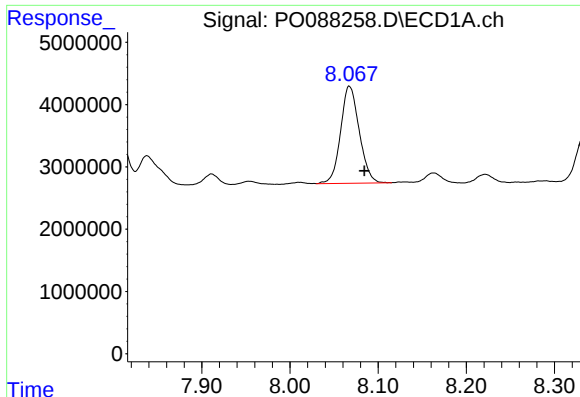
#33 AR-1260-3

R.T.: 7.838 min
Delta R.T.: -0.021 min
Response: 7930129
Conc: 86.62 ng/ml



#33 AR-1260-3

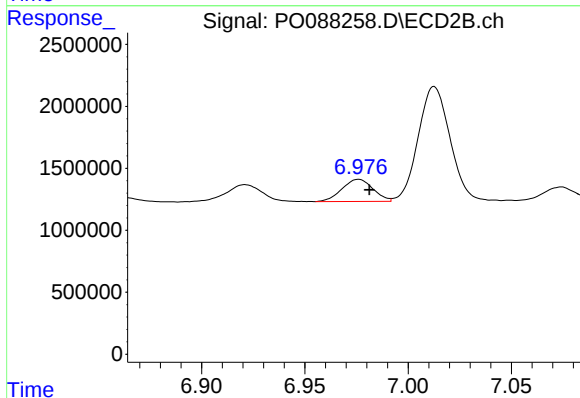
R.T.: 6.503 min
Delta R.T.: -0.007 min
Response: 18571197
Conc: 298.56 ng/ml



#34 AR-1260-4

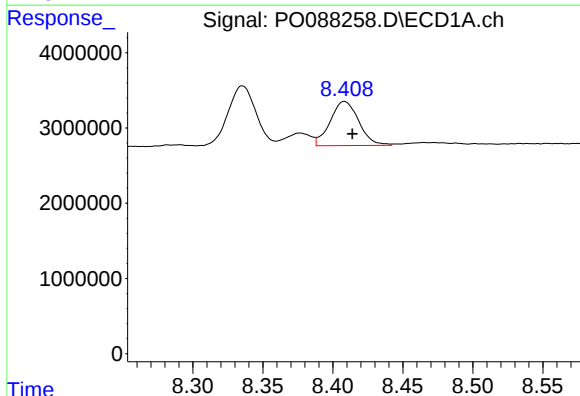
R.T.: 8.067 min
Delta R.T.: -0.017 min
Response: 22916737
Conc: 212.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



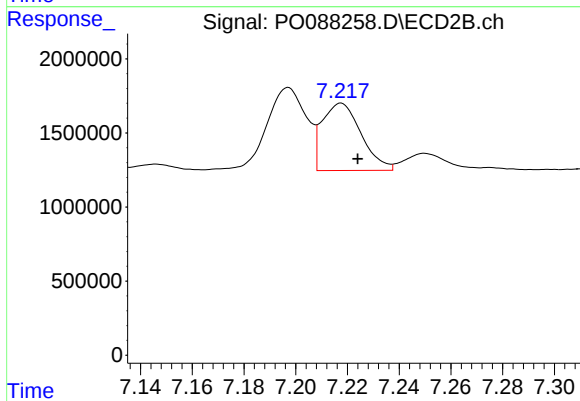
#34 AR-1260-4

R.T.: 6.976 min
Delta R.T.: -0.005 min
Response: 1875289
Conc: 39.65 ng/ml



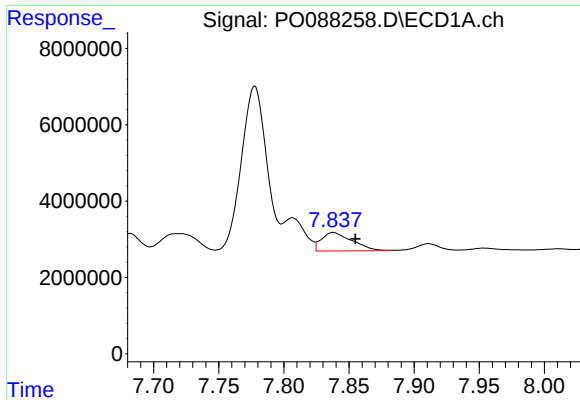
#35 AR-1260-5

R.T.: 8.408 min
Delta R.T.: -0.006 min
Response: 8363834
Conc: 40.76 ng/ml



#35 AR-1260-5

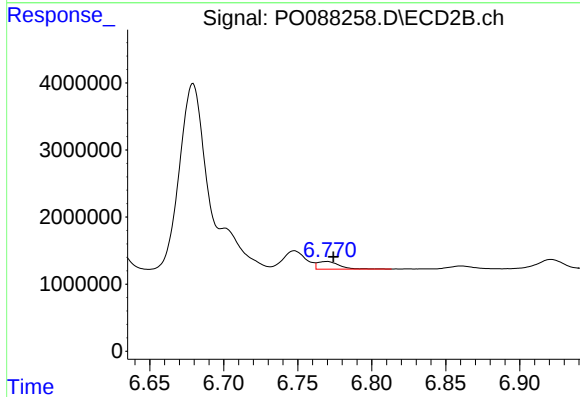
R.T.: 7.218 min
Delta R.T.: -0.006 min
Response: 4759810
Conc: 41.60 ng/ml



#36 AR-1262-1

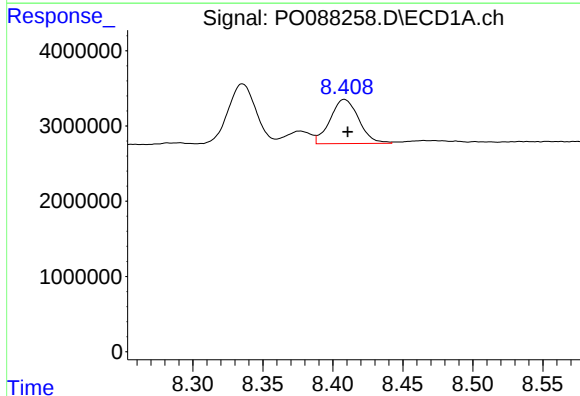
R.T.: 7.838 min
Delta R.T.: -0.017 min
Response: 7930129
Conc: 57.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



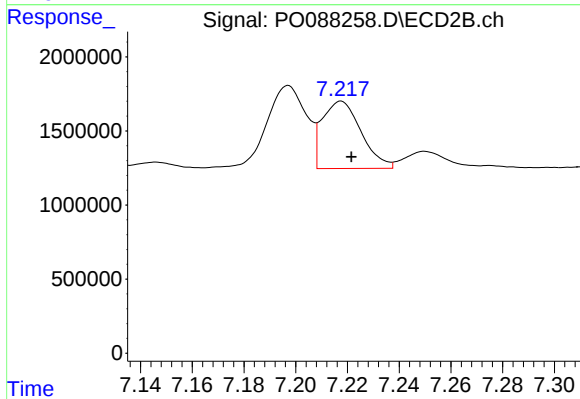
#36 AR-1262-1

R.T.: 6.770 min
Delta R.T.: -0.005 min
Response: 1189942
Conc: 39.26 ng/ml



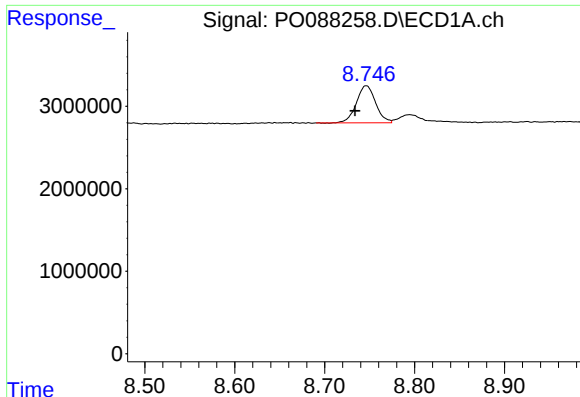
#37 AR-1262-2

R.T.: 8.408 min
Delta R.T.: -0.002 min
Response: 8363834
Conc: 35.54 ng/ml



#37 AR-1262-2

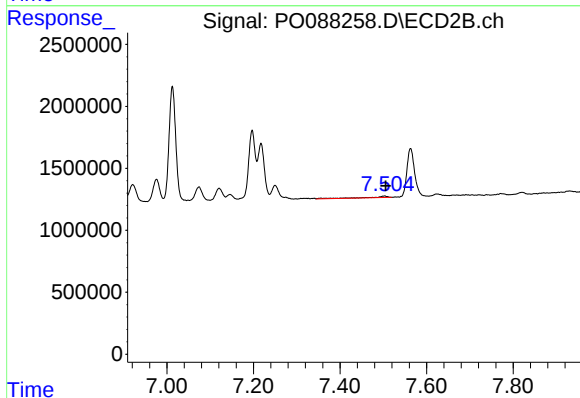
R.T.: 7.218 min
Delta R.T.: -0.004 min
Response: 4759810
Conc: 35.42 ng/ml



#38 AR-1262-3

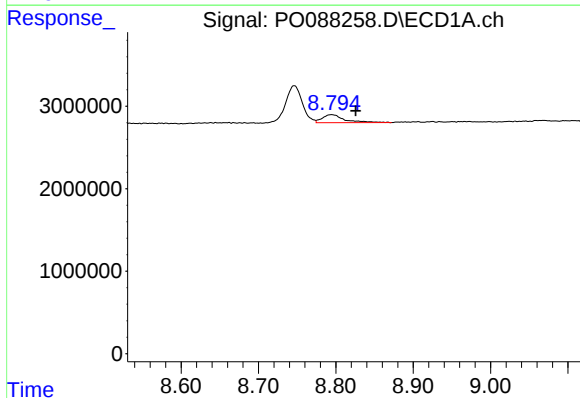
R.T.: 8.746 min
Delta R.T.: 0.012 min
Response: 6699363
Conc: 40.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



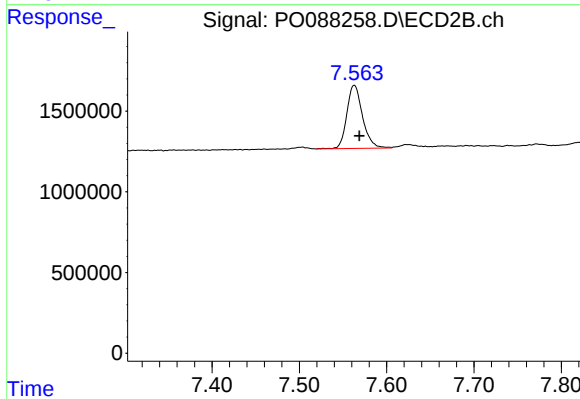
#38 AR-1262-3

R.T.: 7.503 min
Delta R.T.: -0.002 min
Response: 313105
Conc: 5.74 ng/ml



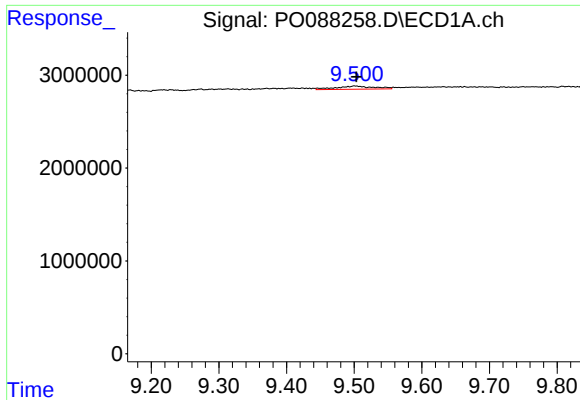
#39 AR-1262-4

R.T.: 8.794 min
Delta R.T.: -0.031 min
Response: 1953429
Conc: 23.40 ng/ml



#39 AR-1262-4

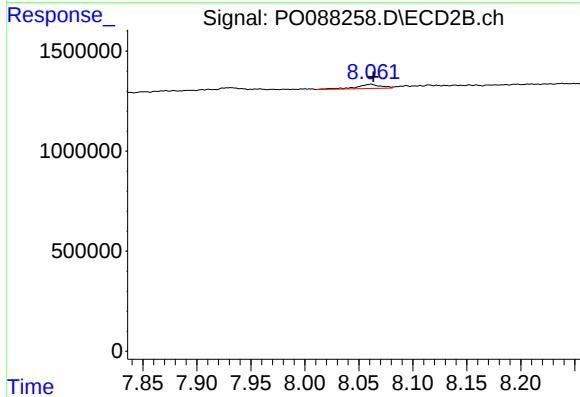
R.T.: 7.563 min
Delta R.T.: -0.006 min
Response: 4885440
Conc: 48.29 ng/ml



#40 AR-1262-5

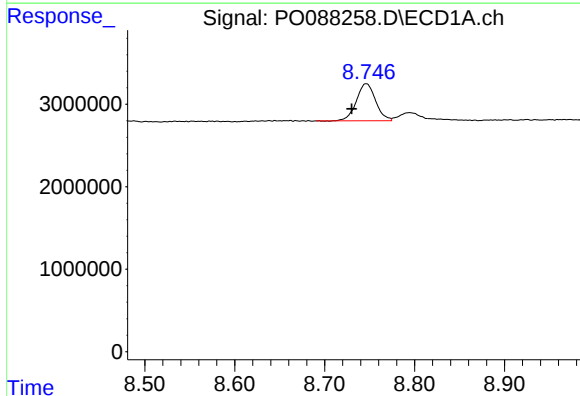
R.T.: 9.501 min
Delta R.T.: -0.002 min
Response: 1357499
Conc: 15.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



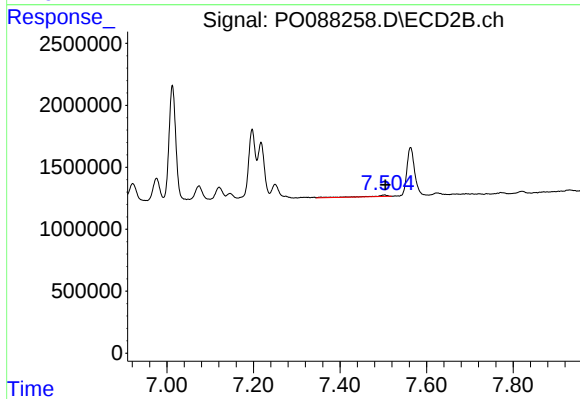
#40 AR-1262-5

R.T.: 8.061 min
Delta R.T.: -0.002 min
Response: 330437
Conc: 6.73 ng/ml



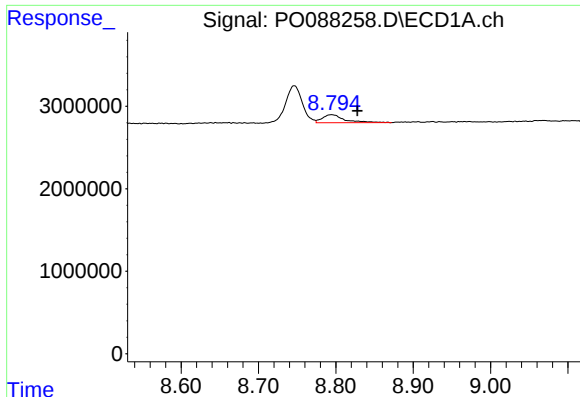
#41 AR-1268-1

R.T.: 8.746 min
Delta R.T.: 0.016 min
Response: 6699363
Conc: 23.69 ng/ml



#41 AR-1268-1

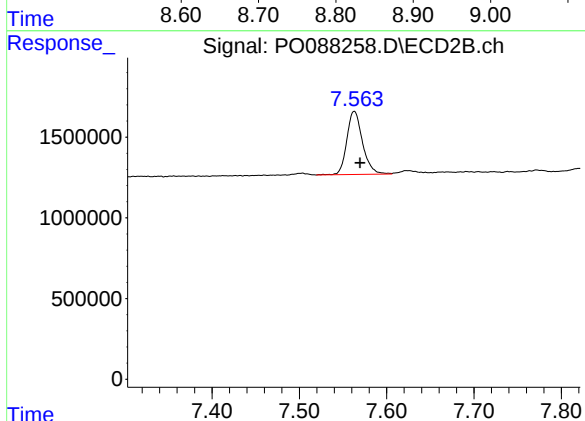
R.T.: 7.503 min
Delta R.T.: -0.002 min
Response: 313105
Conc: 1.98 ng/ml



#42 AR-1268-2

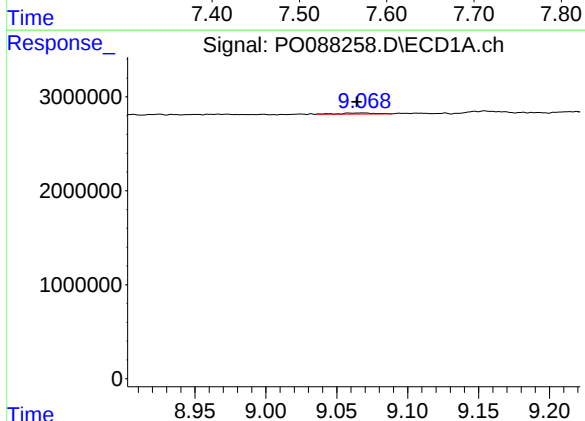
R.T.: 8.794 min
Delta R.T.: -0.034 min
Response: 1953429
Conc: 7.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



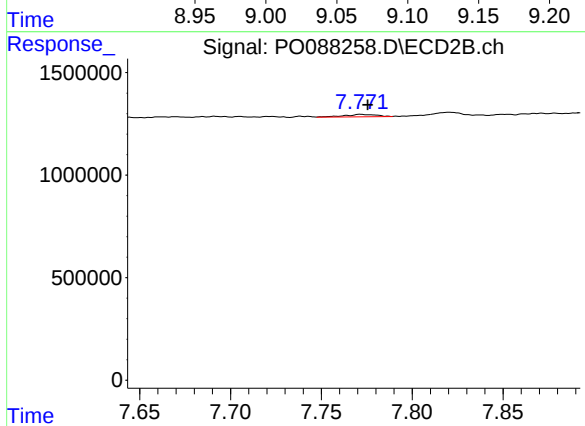
#42 AR-1268-2

R.T.: 7.563 min
Delta R.T.: -0.007 min
Response: 4885440
Conc: 33.96 ng/ml



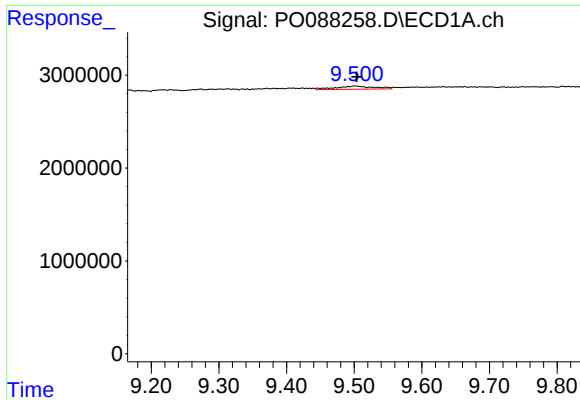
#43 AR-1268-3

R.T.: 9.069 min
Delta R.T.: 0.005 min
Response: 189104
Conc: 0.84 ng/ml



#43 AR-1268-3

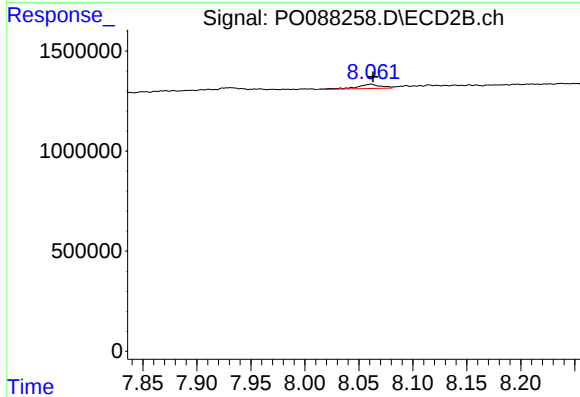
R.T.: 7.772 min
Delta R.T.: -0.004 min
Response: 137605
Conc: 1.10 ng/ml



#44 AR-1268-4

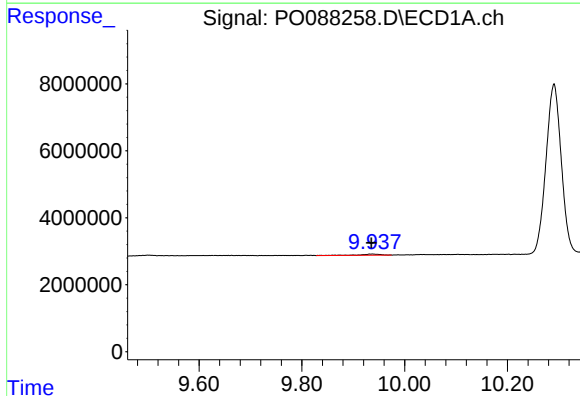
R.T.: 9.501 min
Delta R.T.: -0.003 min
Response: 1357499
Conc: 13.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



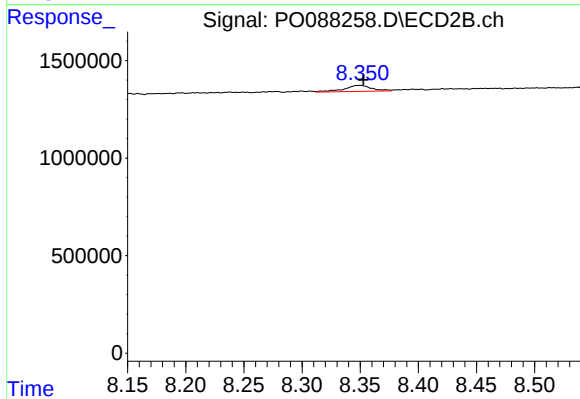
#44 AR-1268-4

R.T.: 8.061 min
Delta R.T.: -0.002 min
Response: 330437
Conc: 6.16 ng/ml



#45 AR-1268-5

R.T.: 9.937 min
Delta R.T.: 0.001 min
Response: 817067
Conc: 1.12 ng/ml



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: -0.003 min
Response: 515200
Conc: 1.33 ng/ml