

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080822\
 Data File : P0088717.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2022 21:30
 Operator : YP/AJ
 Sample : N3980-09
 Misc : AR1254 MDL 25 PPB
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 03:05:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 05 23:24:09 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...	4.438	3.595	47320735	18905812	17.543	17.468
2)	SA Decachlor...	10.277	8.588	32013997	20185177	16.590	16.656
Target Compounds							
3)	L1 AR-1016-1	5.547f	0.000	577976	0	7.170	N.D. #
4)	L1 AR-1016-2	5.686f	0.000	205477	0	1.781	N.D. #
5)	L1 AR-1016-3	5.686	4.910f	205477	820047	2.843	28.029 #
6)	L1 AR-1016-4	0.000	4.910	0	820047	N.D.	33.995 #
7)	L1 AR-1016-5	6.096	5.121	787492	512389	13.729	15.710
9)	L2 AR-1221-2	4.746	3.894	732272	289344	31.673	32.035
10)	L2 AR-1221-3	4.746f	0.000	732272	0	10.435	N.D. #
11)	L3 AR-1232-1	4.746f	0.000	732272	0	13.183	N.D. #
13)	L3 AR-1232-3	5.686f	4.910f	205477	820047	4.028	66.730 #
14)	L3 AR-1232-4	0.000	4.950	0	304118	N.D.	25.803 #
15)	L3 AR-1232-5	5.889	5.121	1513032	512389	73.517	38.084 #
16)	L4 AR-1242-1	5.547f	0.000	577976	0	8.600	N.D. #
17)	L4 AR-1242-2	5.686f	0.000	205477	0	2.129	N.D. #
18)	L4 AR-1242-3	5.686	4.910f	205477	820047	3.404	34.158 #
19)	L4 AR-1242-4	0.000	4.950	0	304118	N.D.	12.062 #
20)	L4 AR-1242-5	6.543	5.473	1029973	1694244	19.846	53.213 #
21)	L5 AR-1248-1	5.547f	0.000	577976	0	11.203	N.D. #
22)	L5 AR-1248-2	5.889	4.910	1513032	820047	19.709	22.849
23)	L5 AR-1248-3	6.096	4.950	787492	304118	9.534	7.987
24)	L5 AR-1248-4	6.501	5.121	1395276	512389	15.536	11.158 #
25)	L5 AR-1248-5	6.543	5.514	1029973	275568	11.620	6.312 #
26)	L6 AR-1254-1	6.475	5.473	2677163	1694244	29.308	24.599
27)	L6 AR-1254-2	6.695	5.621	3769360	1546400	27.563	26.113
28)	L6 AR-1254-3	7.064	6.024	3870584	2343080	27.504	25.198
29)	L6 AR-1254-4	7.349	6.254	2476413	1392225	24.508	24.576
30)	L6 AR-1254-5	7.771	6.670	2547574	1949162	23.923	23.879
31)	L7 AR-1260-1	7.228	6.154	1458374	1164803	14.112	18.328 #
32)	L7 AR-1260-2	7.484	6.342	1362132	1140538	11.524	14.884 #
33)	L7 AR-1260-3	7.851	6.494	128818	891561	1.466	12.410 #
34)	L7 AR-1260-4	8.061	7.004	1266965	489544	12.936	8.023 #
35)	L7 AR-1260-5	8.400	7.208	608997	182909	3.306	1.297 #
36)	L8 AR-1262-1	7.851	6.739	128818	101262	1.017	2.892 #
37)	L8 AR-1262-2	8.400	7.208	608997	182909	2.901	1.194 #
38)	L8 AR-1262-3	8.740	7.556f	199834	276821	2.217	4.488 #
39)	L8 AR-1262-4	8.779f	7.556	130480	276821	1.979	2.431
40)	L8 AR-1262-5	0.000	8.058	0	119788	N.D.	2.231 #
41)	L9 AR-1268-1	8.740	7.556f	199834	276821	0.806	1.563 #
42)	L9 AR-1268-2	8.779f	7.556	130480	276821	0.574	1.724 #
43)	L9 AR-1268-3	9.056	0.000	324228	0	1.655	N.D. #

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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	8.058	0	119788	N.D.	2.070 #
45) L9	AR-1268-5	0.000	8.339	0	267325	N.D.	0.655 #

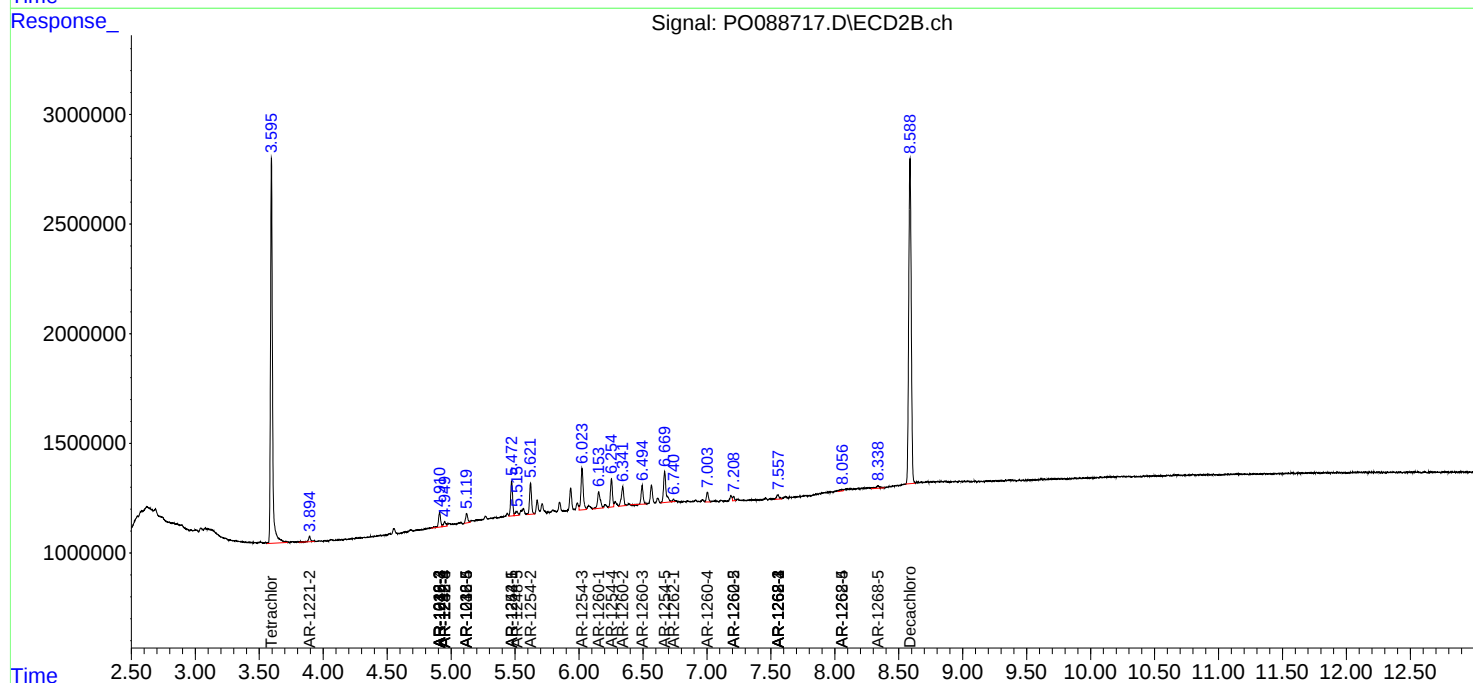
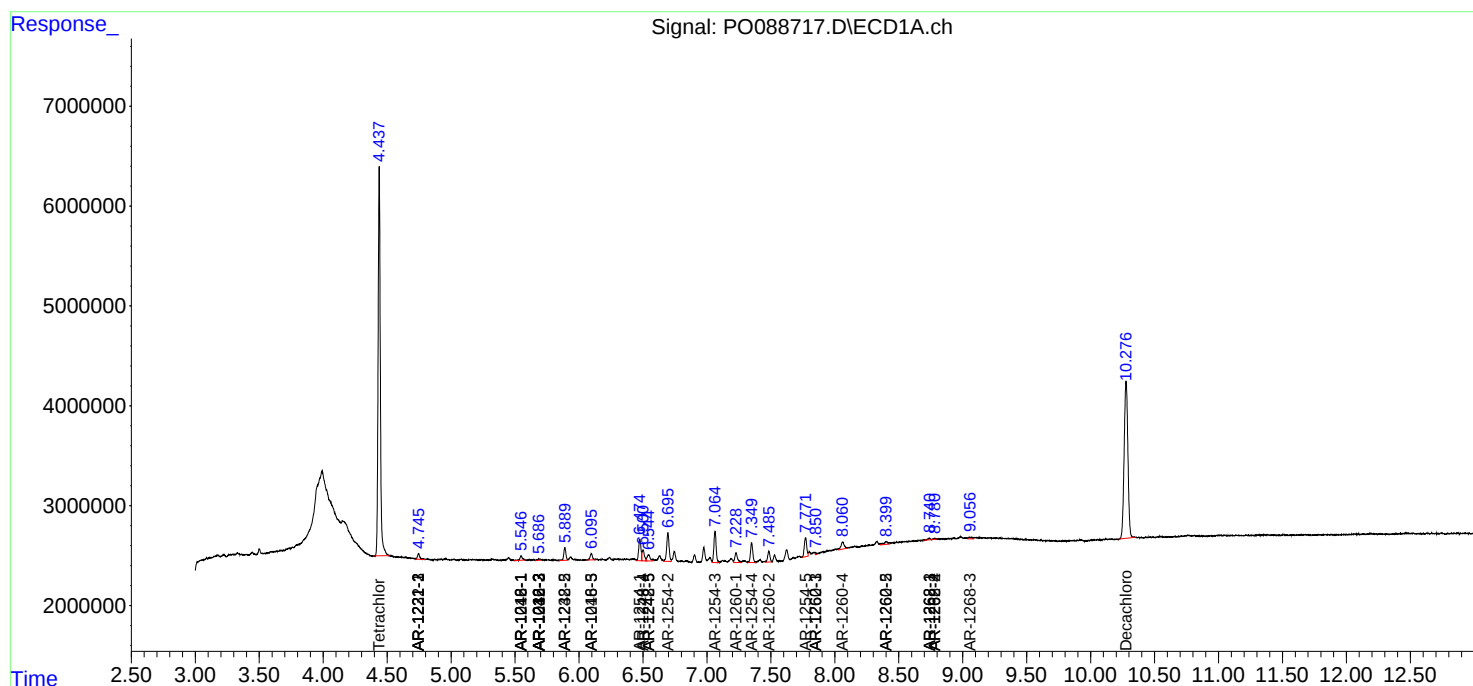
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

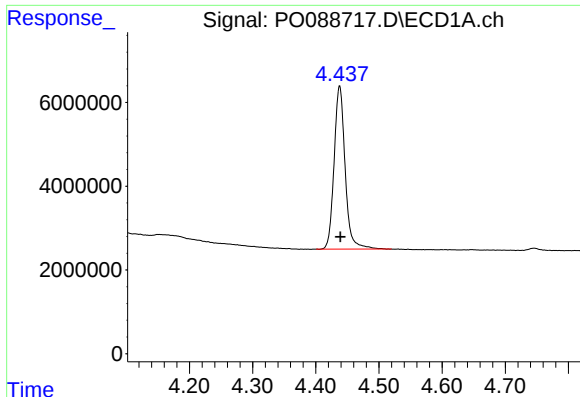
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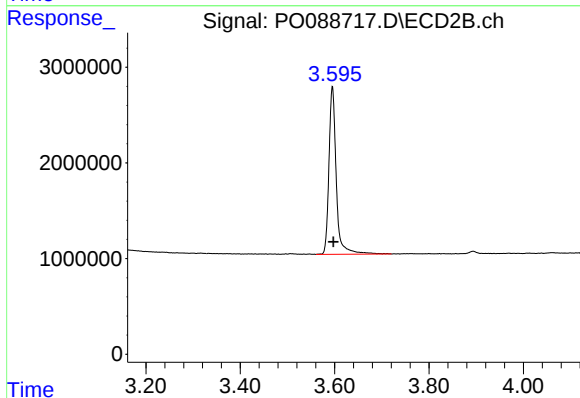




#1 Tetrachloro-m-xylene

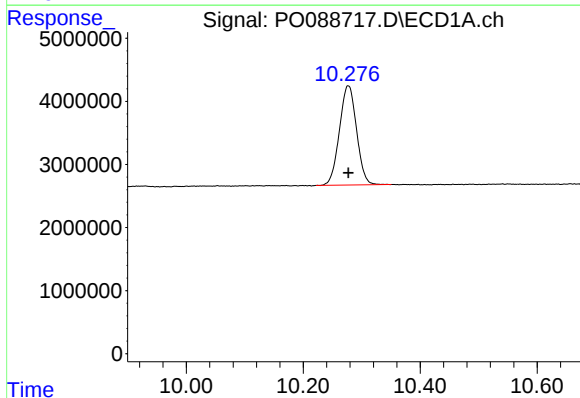
R.T.: 4.438 min
Delta R.T.: -0.001 min
Response: 47320735
Conc: 17.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



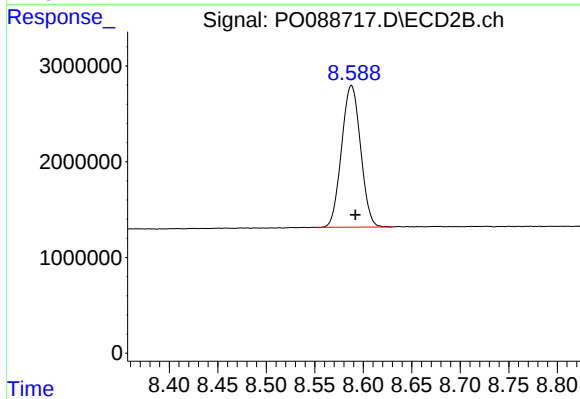
#1 Tetrachloro-m-xylene

R.T.: 3.595 min
Delta R.T.: -0.002 min
Response: 18905812
Conc: 17.47 ng/ml



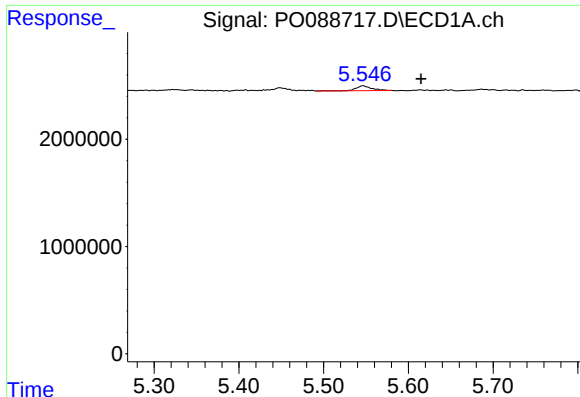
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 32013997
Conc: 16.59 ng/ml



#2 Decachlorobiphenyl

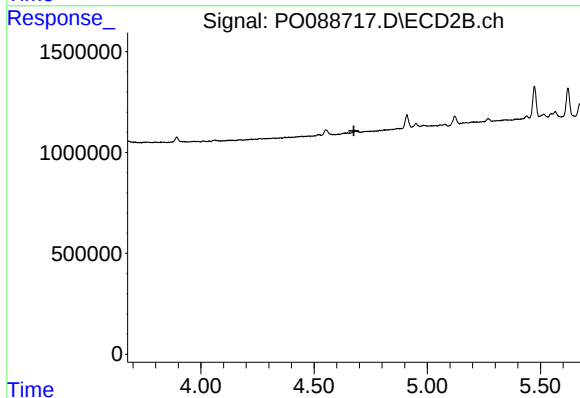
R.T.: 8.588 min
Delta R.T.: -0.004 min
Response: 20185177
Conc: 16.66 ng/ml



#3 AR-1016-1

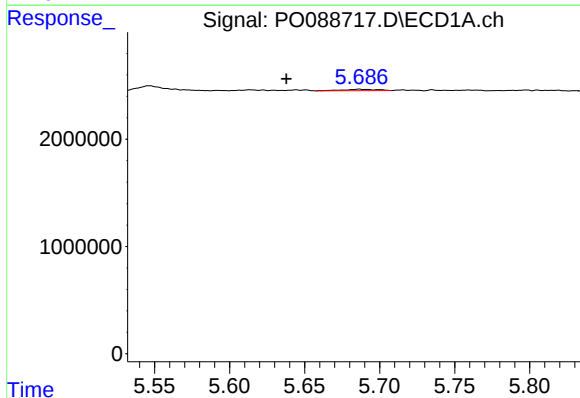
R.T.: 5.547 min
Delta R.T.: -0.069 min
Response: 577976
Conc: 7.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



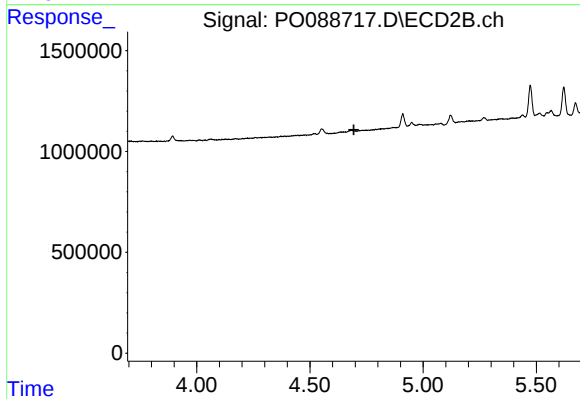
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.676 min
Response: 0
Conc: N.D.



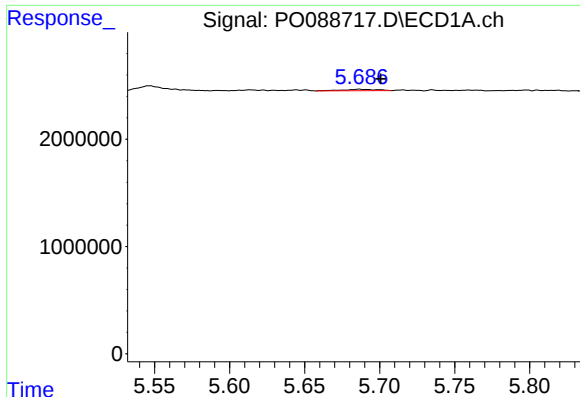
#4 AR-1016-2

R.T.: 5.686 min
Delta R.T.: 0.049 min
Response: 205477
Conc: 1.78 ng/ml



#4 AR-1016-2

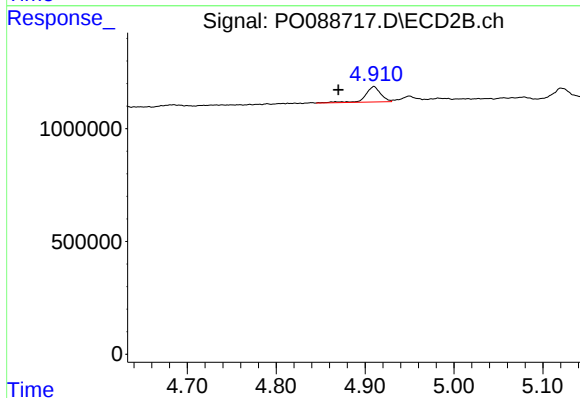
R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



#5 AR-1016-3

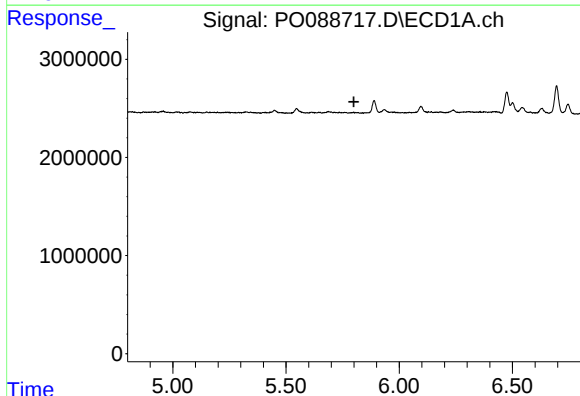
R.T.: 5.686 min
Delta R.T.: -0.014 min
Response: 205477
Conc: 2.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



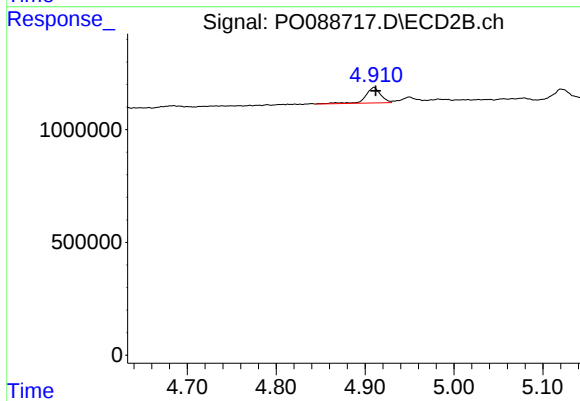
#5 AR-1016-3

R.T.: 4.910 min
Delta R.T.: 0.040 min
Response: 820047
Conc: 28.03 ng/ml



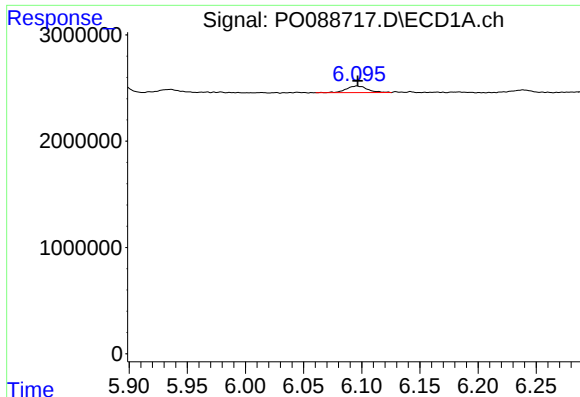
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.800 min
Response: 0
Conc: N.D.



#6 AR-1016-4

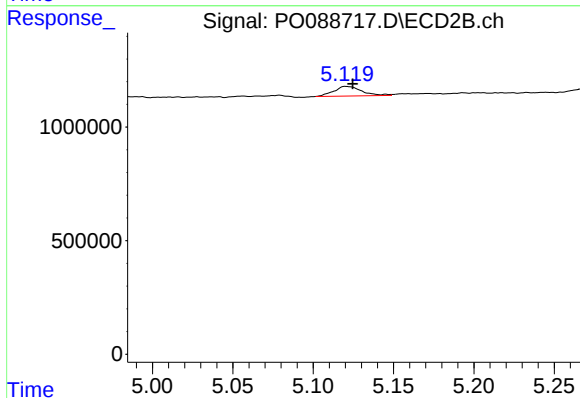
R.T.: 4.910 min
Delta R.T.: -0.002 min
Response: 820047
Conc: 34.00 ng/ml



#7 AR-1016-5

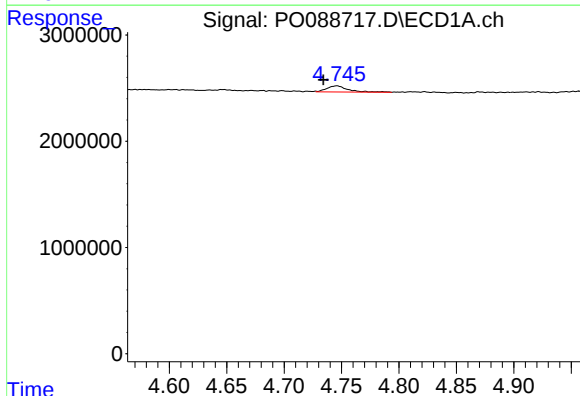
R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 787492
Conc: 13.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



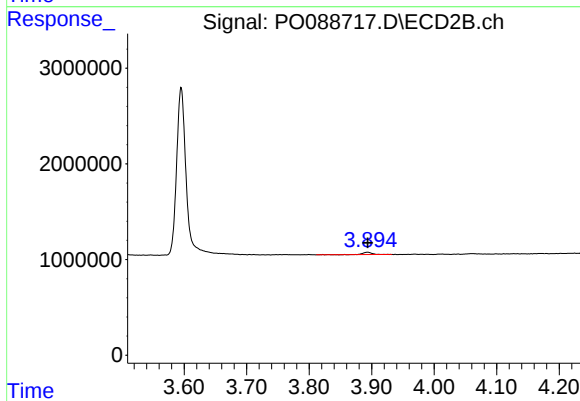
#7 AR-1016-5

R.T.: 5.121 min
Delta R.T.: -0.004 min
Response: 512389
Conc: 15.71 ng/ml



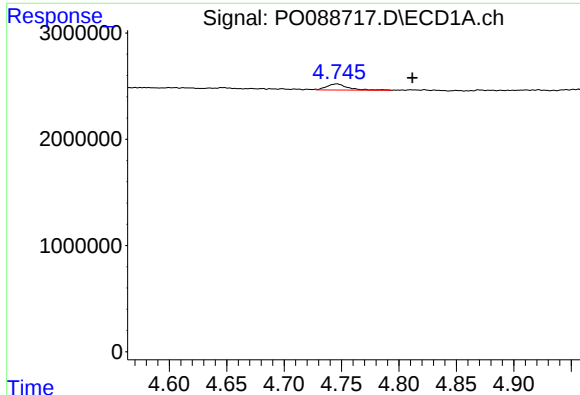
#9 AR-1221-2

R.T.: 4.746 min
Delta R.T.: 0.012 min
Response: 732272
Conc: 31.67 ng/ml



#9 AR-1221-2

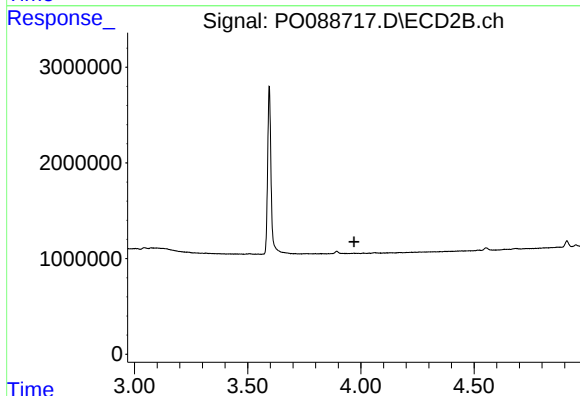
R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 289344
Conc: 32.04 ng/ml



#10 AR-1221-3

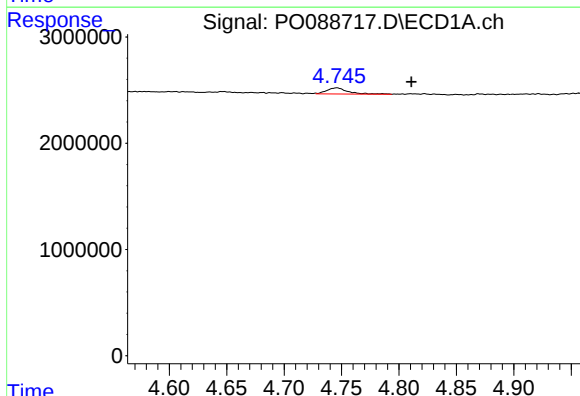
R.T.: 4.746 min
Delta R.T.: -0.066 min
Response: 732272
Conc: 10.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



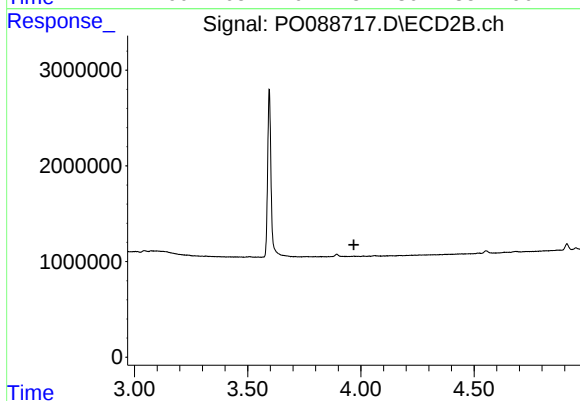
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.969 min
Response: 0
Conc: N.D.



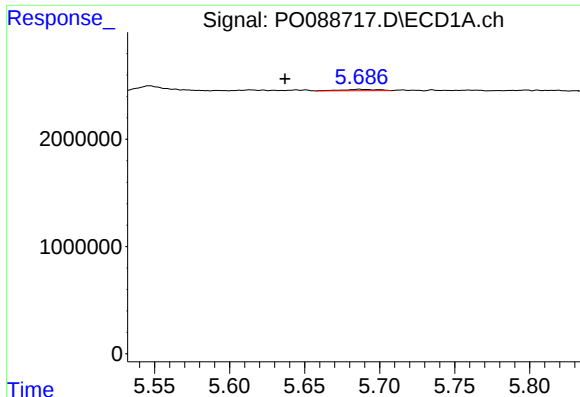
#11 AR-1232-1

R.T.: 4.746 min
Delta R.T.: -0.065 min
Response: 732272
Conc: 13.18 ng/ml



#11 AR-1232-1

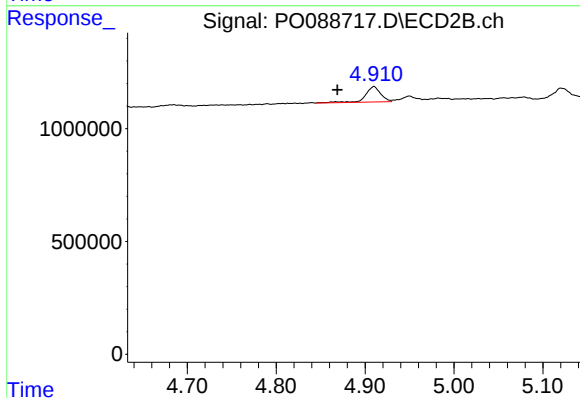
R.T.: 0.000 min
Exp R.T. : 3.969 min
Response: 0
Conc: N.D.



#13 AR-1232-3

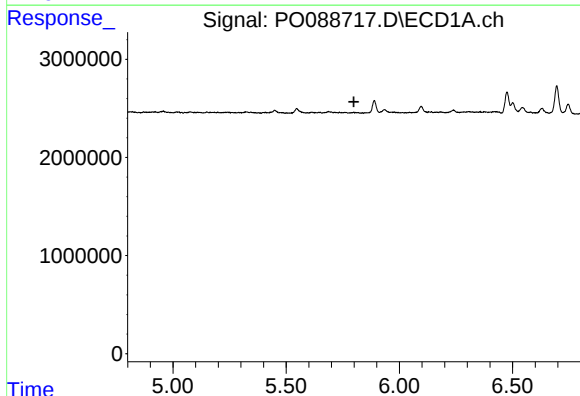
R.T.: 5.686 min
Delta R.T.: 0.049 min
Response: 205477
Conc: 4.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



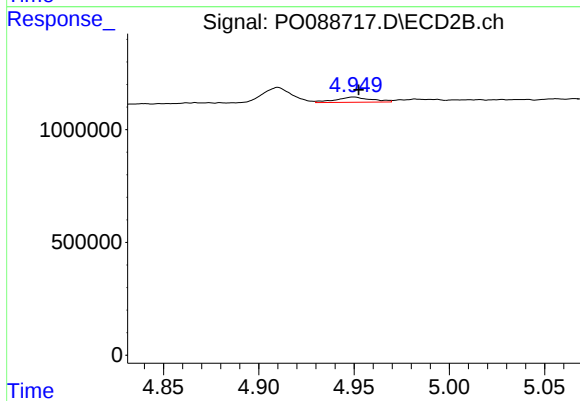
#13 AR-1232-3

R.T.: 4.910 min
Delta R.T.: 0.041 min
Response: 820047
Conc: 66.73 ng/ml



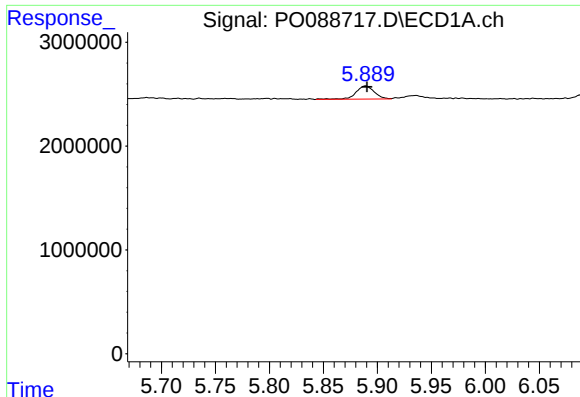
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.799 min
Response: 0
Conc: N.D.



#14 AR-1232-4

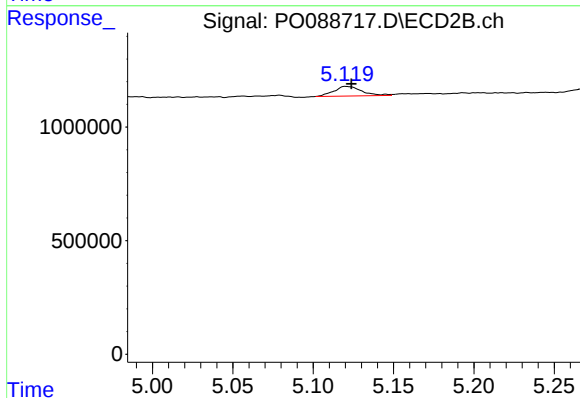
R.T.: 4.950 min
Delta R.T.: -0.003 min
Response: 304118
Conc: 25.80 ng/ml



#15 AR-1232-5

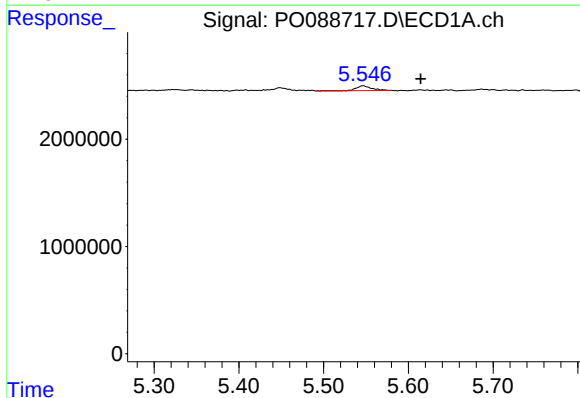
R.T.: 5.889 min
Delta R.T.: -0.001 min
Response: 1513032
Conc: 73.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



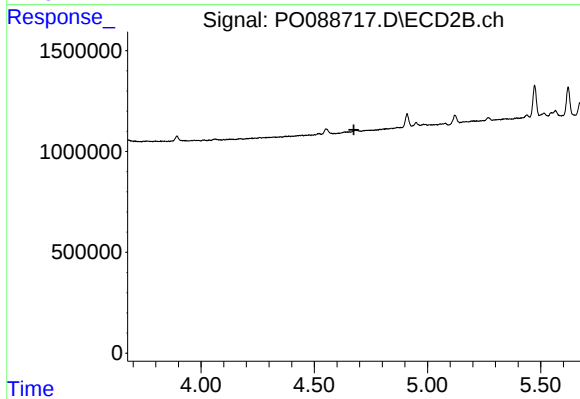
#15 AR-1232-5

R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 512389
Conc: 38.08 ng/ml



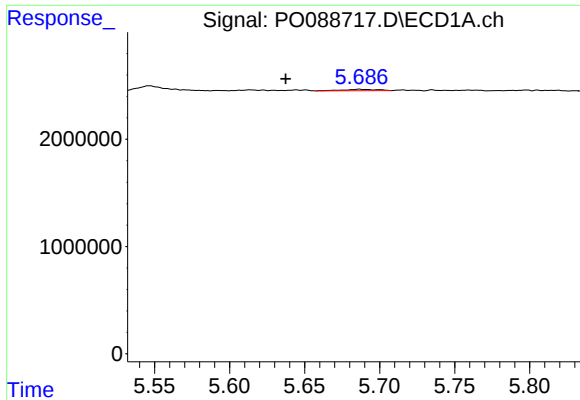
#16 AR-1242-1

R.T.: 5.547 min
Delta R.T.: -0.068 min
Response: 577976
Conc: 8.60 ng/ml



#16 AR-1242-1

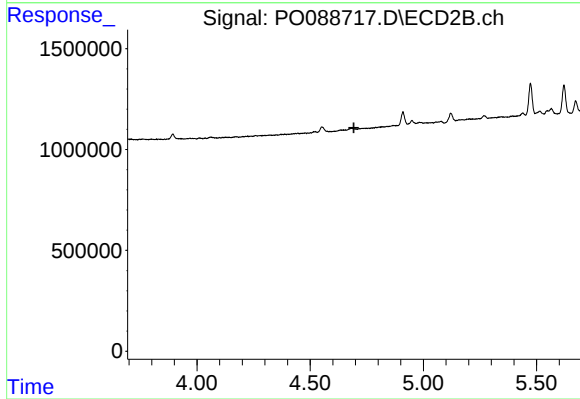
R.T.: 0.000 min
Exp R.T.: 4.675 min
Response: 0
Conc: N.D.



#17 AR-1242-2

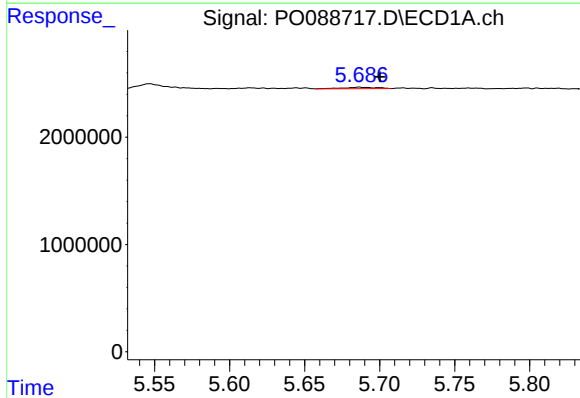
R.T.: 5.686 min
Delta R.T.: 0.049 min
Response: 205477
Conc: 2.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



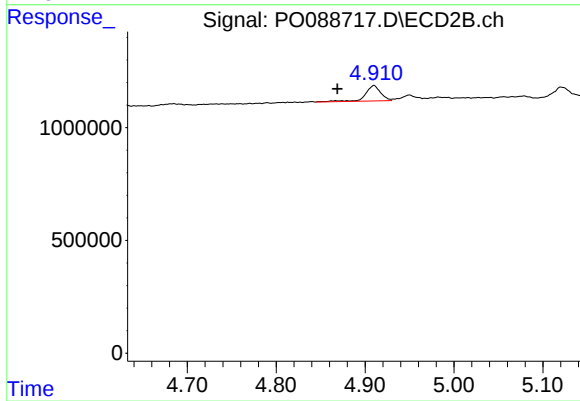
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.693 min
Response: 0
Conc: N.D.



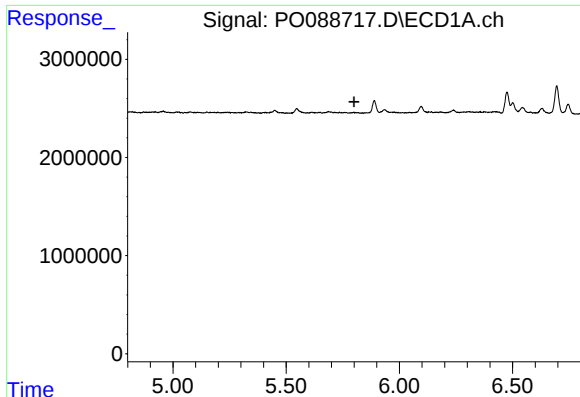
#18 AR-1242-3

R.T.: 5.686 min
Delta R.T.: -0.014 min
Response: 205477
Conc: 3.40 ng/ml



#18 AR-1242-3

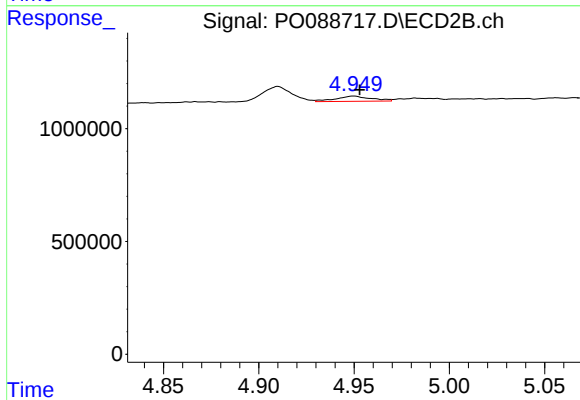
R.T.: 4.910 min
Delta R.T.: 0.041 min
Response: 820047
Conc: 34.16 ng/ml



#19 AR-1242-4

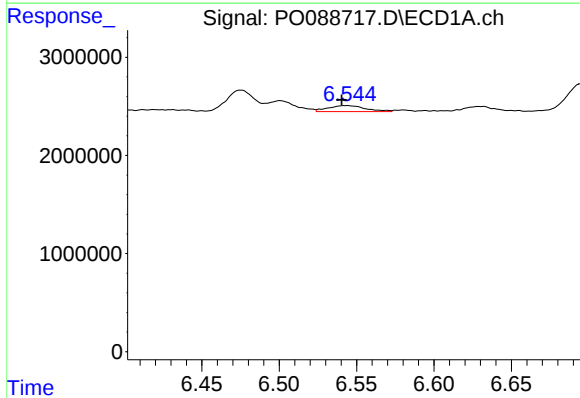
R.T.: 0.000 min
Exp R.T.: 5.799 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



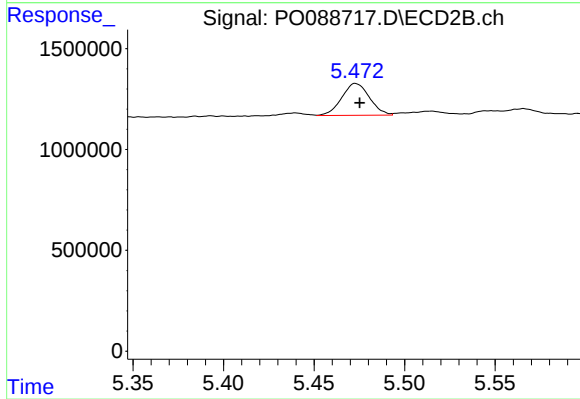
#19 AR-1242-4

R.T.: 4.950 min
Delta R.T.: -0.003 min
Response: 304118
Conc: 12.06 ng/ml



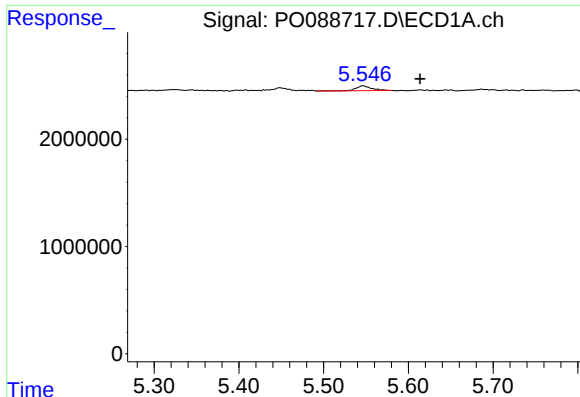
#20 AR-1242-5

R.T.: 6.543 min
Delta R.T.: 0.003 min
Response: 1029973
Conc: 19.85 ng/ml



#20 AR-1242-5

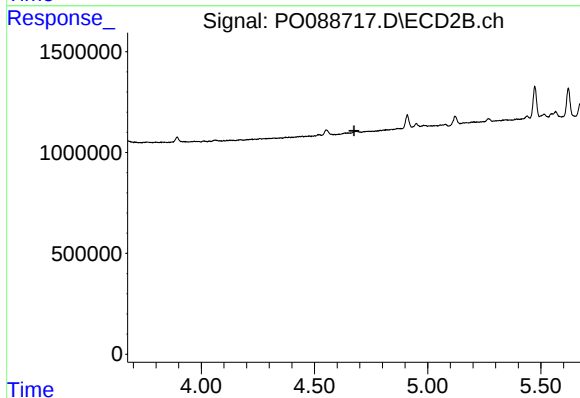
R.T.: 5.473 min
Delta R.T.: -0.002 min
Response: 1694244
Conc: 53.21 ng/ml



#21 AR-1248-1

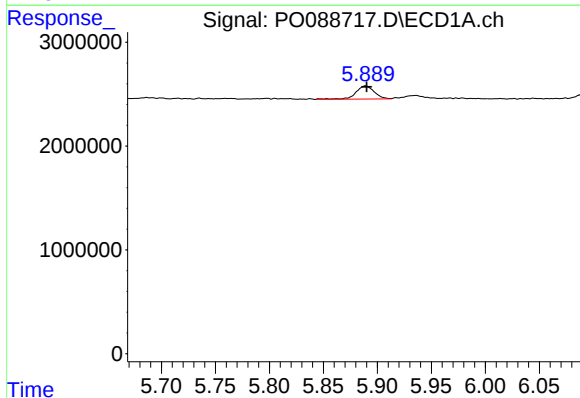
R.T.: 5.547 min
Delta R.T.: -0.067 min
Response: 577976
Conc: 11.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



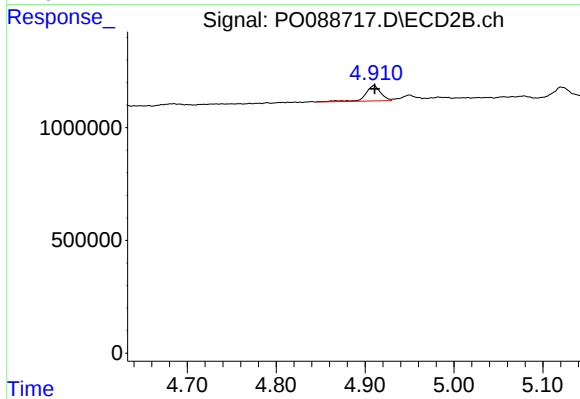
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.674 min
Response: 0
Conc: N.D.



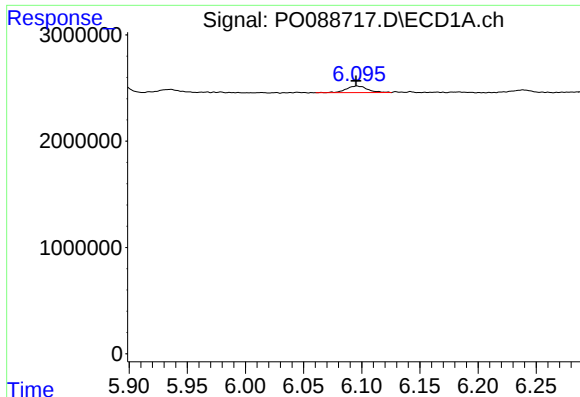
#22 AR-1248-2

R.T.: 5.889 min
Delta R.T.: -0.001 min
Response: 1513032
Conc: 19.71 ng/ml



#22 AR-1248-2

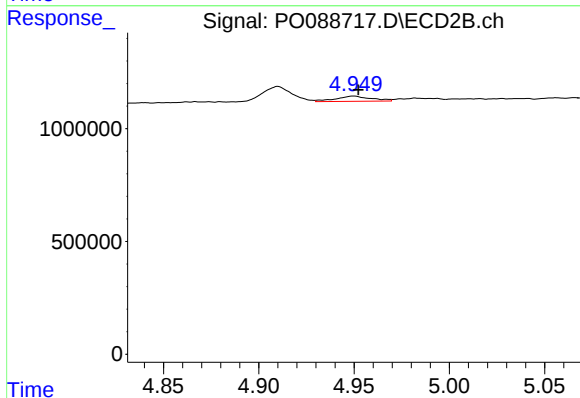
R.T.: 4.910 min
Delta R.T.: 0.000 min
Response: 820047
Conc: 22.85 ng/ml



#23 AR-1248-3

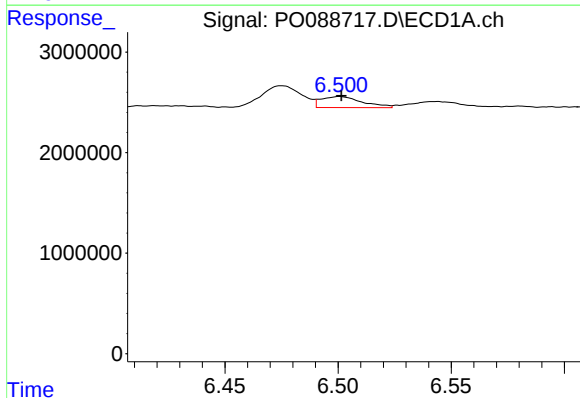
R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 787492
Conc: 9.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



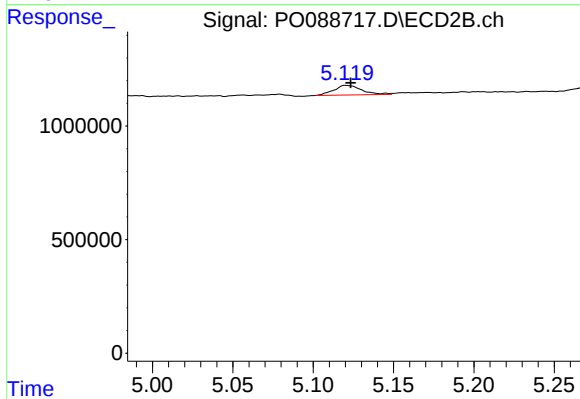
#23 AR-1248-3

R.T.: 4.950 min
Delta R.T.: -0.003 min
Response: 304118
Conc: 7.99 ng/ml



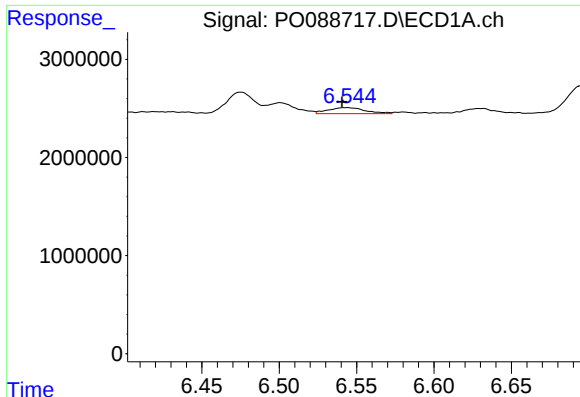
#24 AR-1248-4

R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 1395276
Conc: 15.54 ng/ml



#24 AR-1248-4

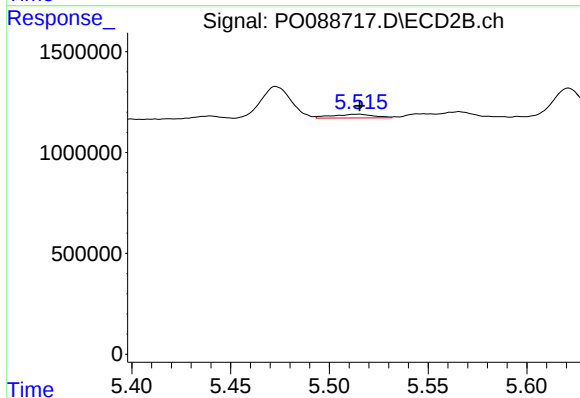
R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 512389
Conc: 11.16 ng/ml



#25 AR-1248-5

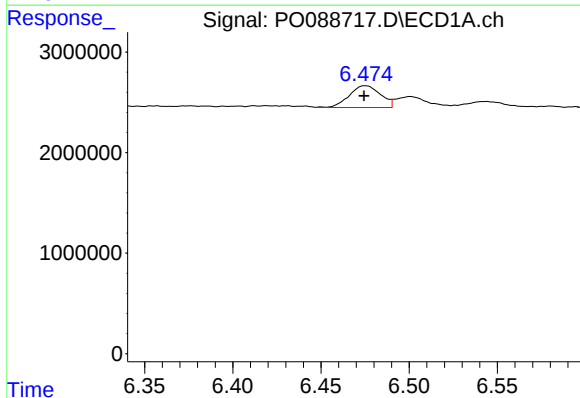
R.T.: 6.543 min
Delta R.T.: 0.002 min
Response: 1029973
Conc: 11.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



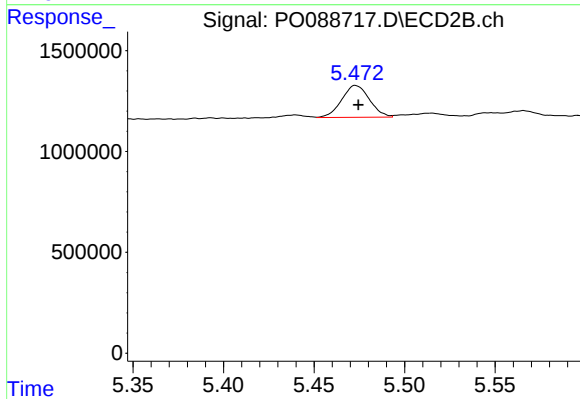
#25 AR-1248-5

R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 275568
Conc: 6.31 ng/ml



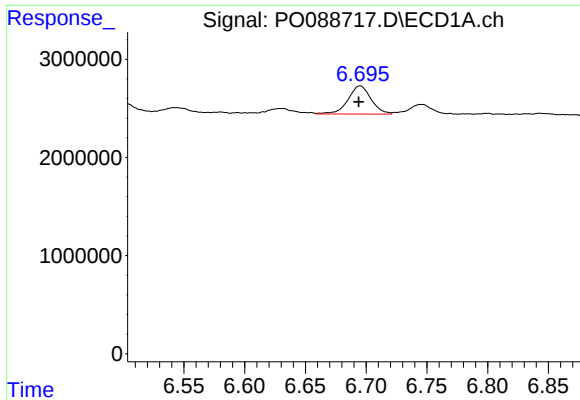
#26 AR-1254-1

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 2677163
Conc: 29.31 ng/ml



#26 AR-1254-1

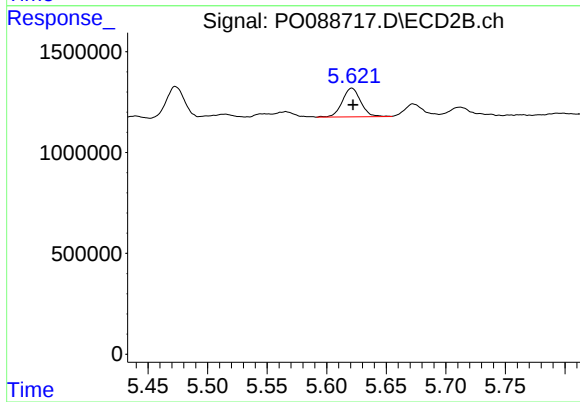
R.T.: 5.473 min
Delta R.T.: -0.001 min
Response: 1694244
Conc: 24.60 ng/ml



#27 AR-1254-2

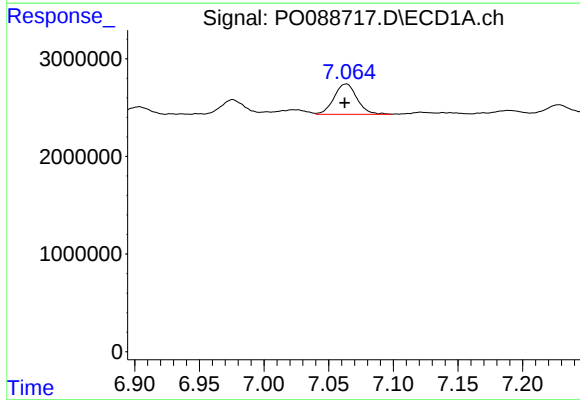
R.T.: 6.695 min
Delta R.T.: 0.001 min
Response: 3769360
Conc: 27.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



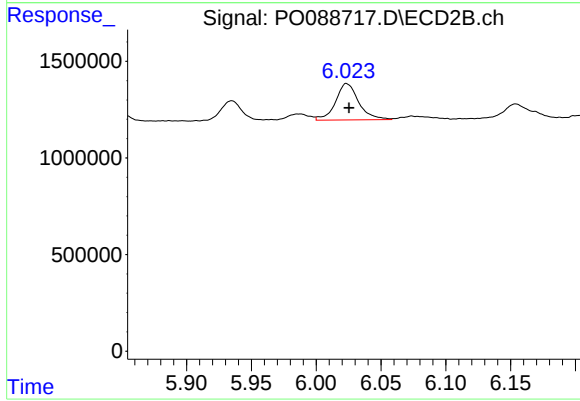
#27 AR-1254-2

R.T.: 5.621 min
Delta R.T.: -0.001 min
Response: 1546400
Conc: 26.11 ng/ml



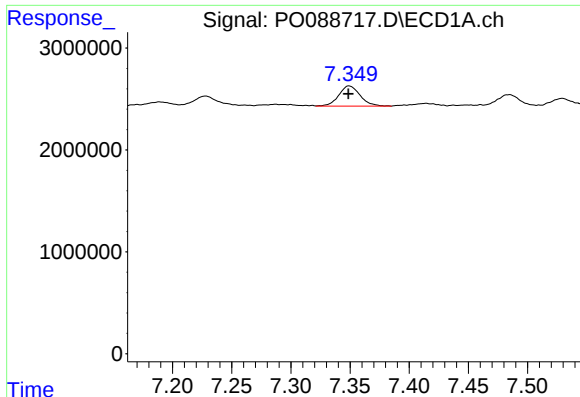
#28 AR-1254-3

R.T.: 7.064 min
Delta R.T.: 0.001 min
Response: 3870584
Conc: 27.50 ng/ml



#28 AR-1254-3

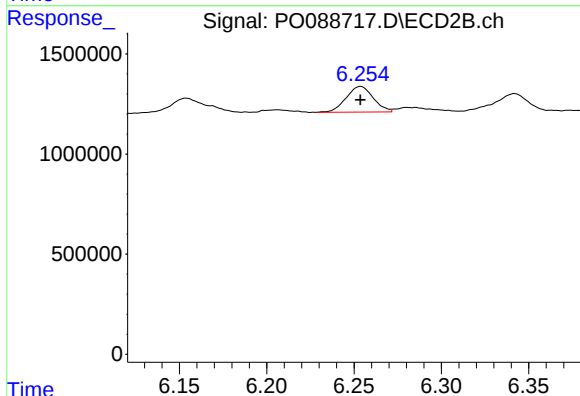
R.T.: 6.024 min
Delta R.T.: -0.002 min
Response: 2343080
Conc: 25.20 ng/ml



#29 AR-1254-4

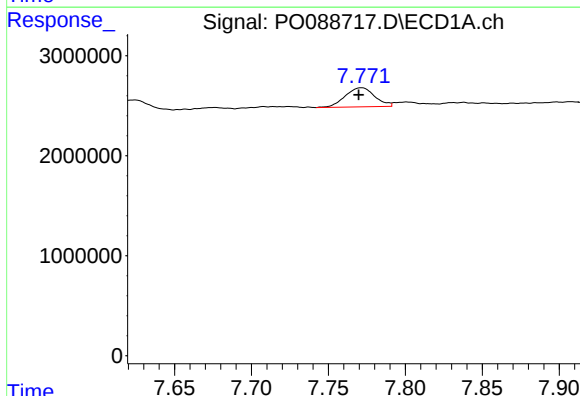
R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 2476413
Conc: 24.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



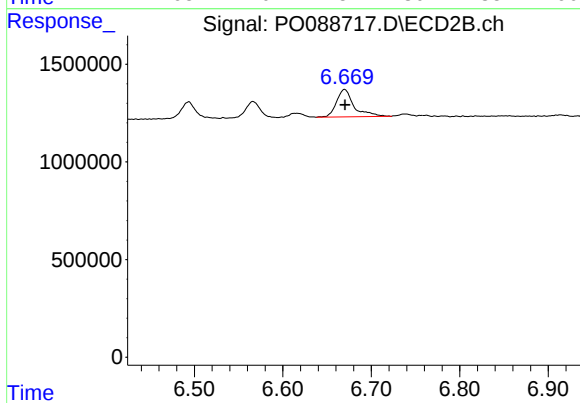
#29 AR-1254-4

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 1392225
Conc: 24.58 ng/ml



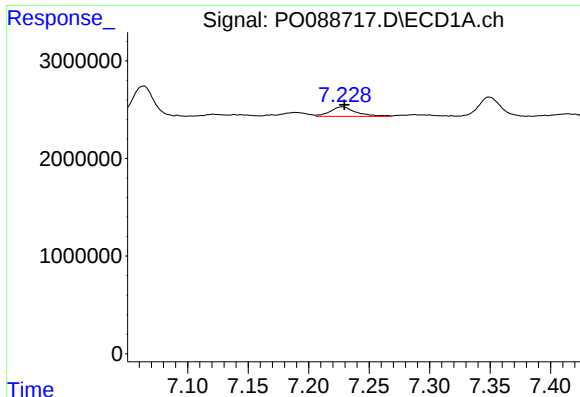
#30 AR-1254-5

R.T.: 7.771 min
Delta R.T.: 0.002 min
Response: 2547574
Conc: 23.92 ng/ml



#30 AR-1254-5

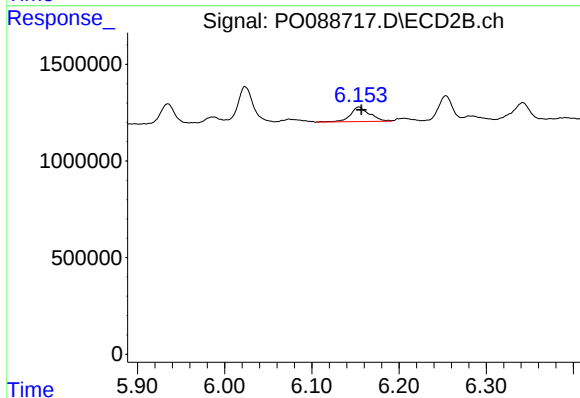
R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 1949162
Conc: 23.88 ng/ml



#31 AR-1260-1

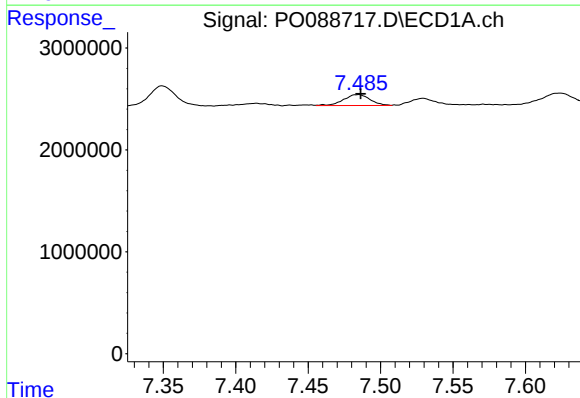
R.T.: 7.228 min
Delta R.T.: -0.002 min
Response: 1458374
Conc: 14.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



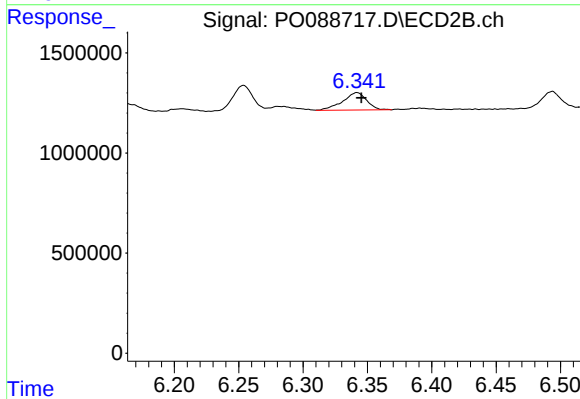
#31 AR-1260-1

R.T.: 6.154 min
Delta R.T.: -0.003 min
Response: 1164803
Conc: 18.33 ng/ml



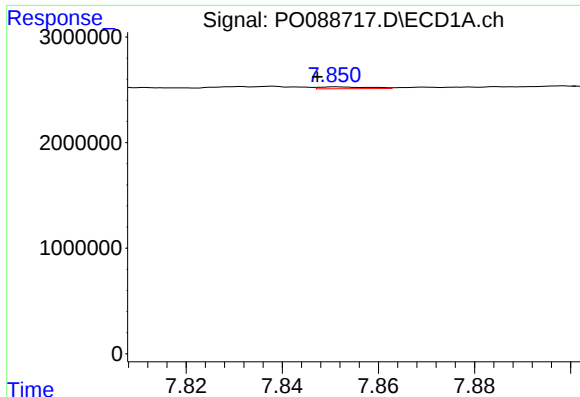
#32 AR-1260-2

R.T.: 7.484 min
Delta R.T.: -0.002 min
Response: 1362132
Conc: 11.52 ng/ml



#32 AR-1260-2

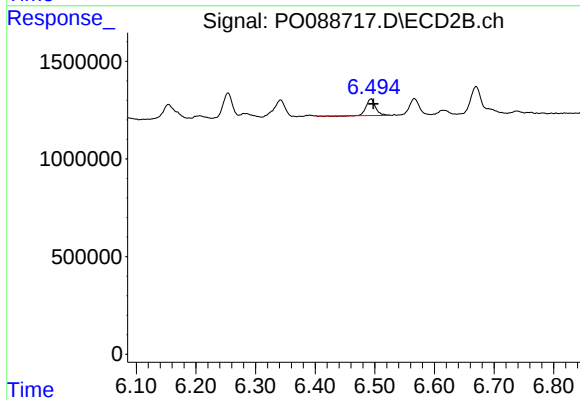
R.T.: 6.342 min
Delta R.T.: -0.003 min
Response: 1140538
Conc: 14.88 ng/ml



#33 AR-1260-3

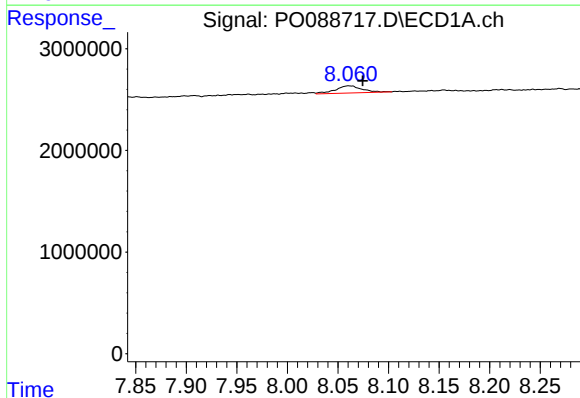
R.T.: 7.851 min
Delta R.T.: 0.004 min
Response: 128818
Conc: 1.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



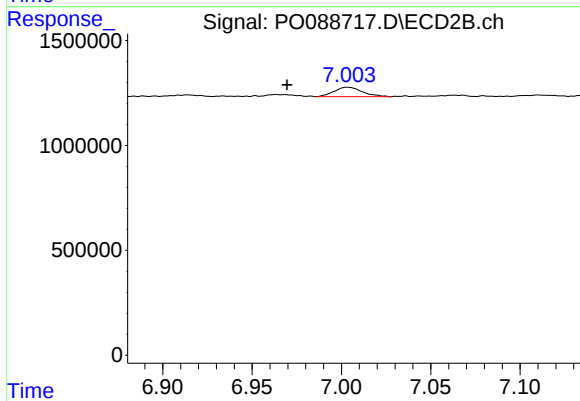
#33 AR-1260-3

R.T.: 6.494 min
Delta R.T.: -0.004 min
Response: 891561
Conc: 12.41 ng/ml



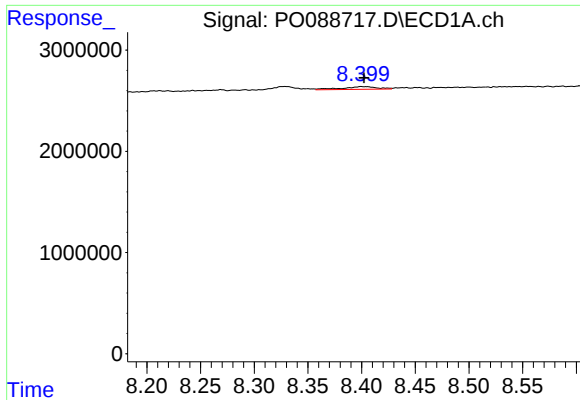
#34 AR-1260-4

R.T.: 8.061 min
Delta R.T.: -0.014 min
Response: 1266965
Conc: 12.94 ng/ml



#34 AR-1260-4

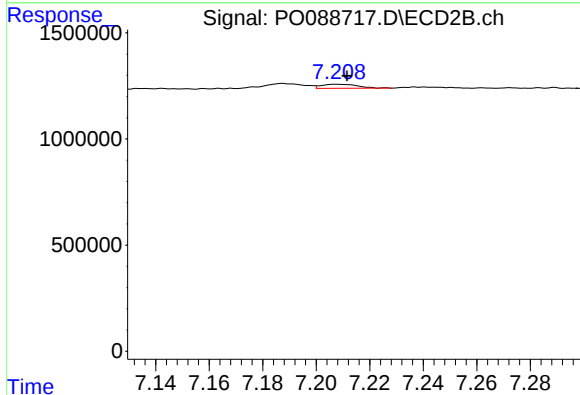
R.T.: 7.004 min
Delta R.T.: 0.034 min
Response: 489544
Conc: 8.02 ng/ml



#35 AR-1260-5

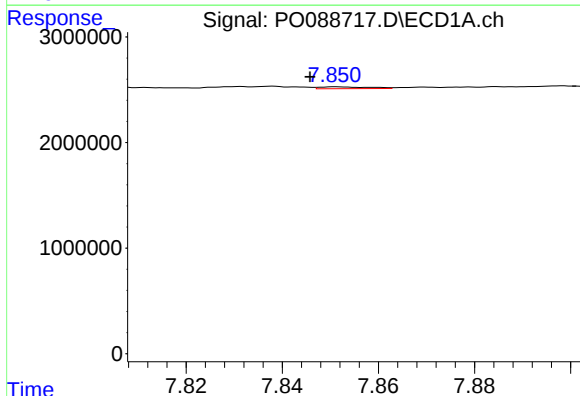
R.T.: 8.400 min
Delta R.T.: -0.002 min
Response: 608997
Conc: 3.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



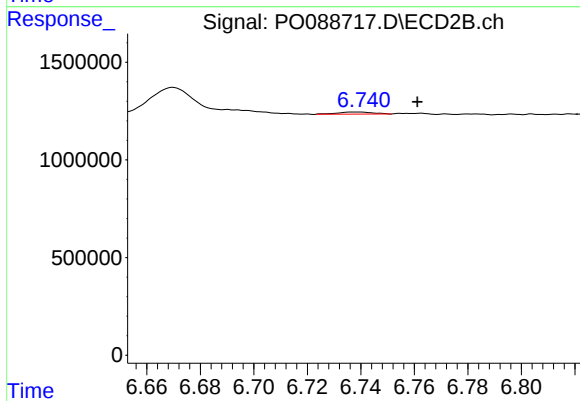
#35 AR-1260-5

R.T.: 7.208 min
Delta R.T.: -0.003 min
Response: 182909
Conc: 1.30 ng/ml



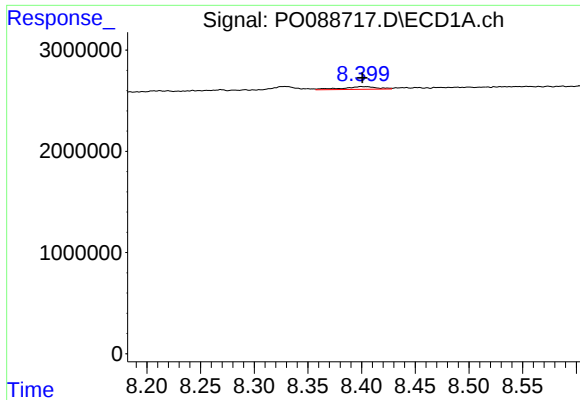
#36 AR-1262-1

R.T.: 7.851 min
Delta R.T.: 0.005 min
Response: 128818
Conc: 1.02 ng/ml



#36 AR-1262-1

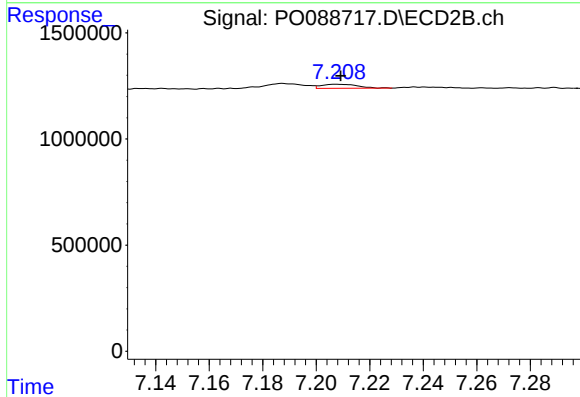
R.T.: 6.739 min
Delta R.T.: -0.023 min
Response: 101262
Conc: 2.89 ng/ml



#37 AR-1262-2

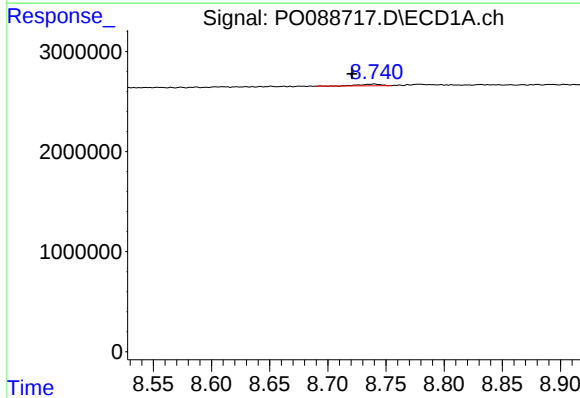
R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 608997
Conc: 2.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



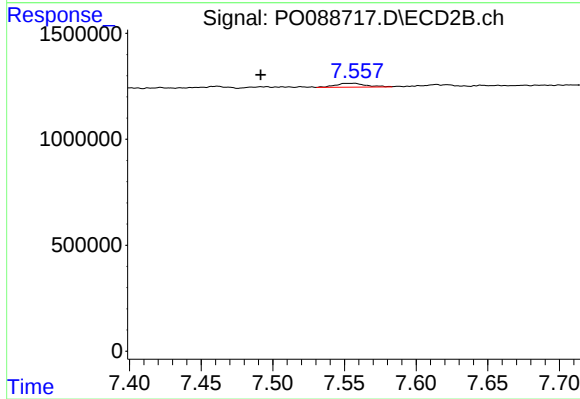
#37 AR-1262-2

R.T.: 7.208 min
Delta R.T.: -0.001 min
Response: 182909
Conc: 1.19 ng/ml



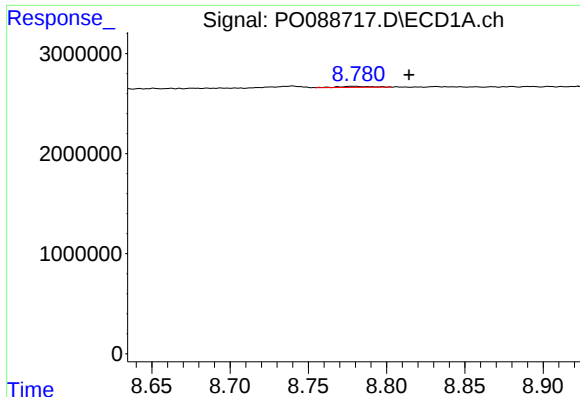
#38 AR-1262-3

R.T.: 8.740 min
Delta R.T.: 0.019 min
Response: 199834
Conc: 2.22 ng/ml



#38 AR-1262-3

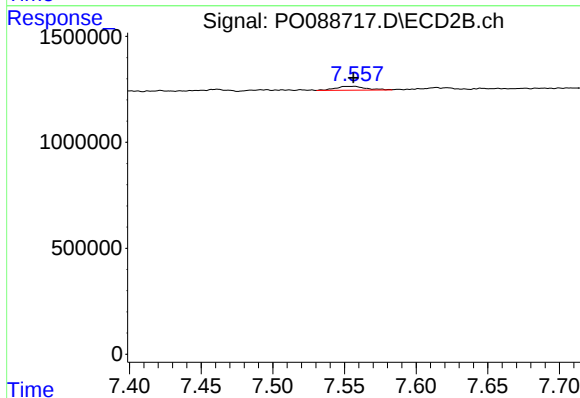
R.T.: 7.556 min
Delta R.T.: 0.065 min
Response: 276821
Conc: 4.49 ng/ml



#39 AR-1262-4

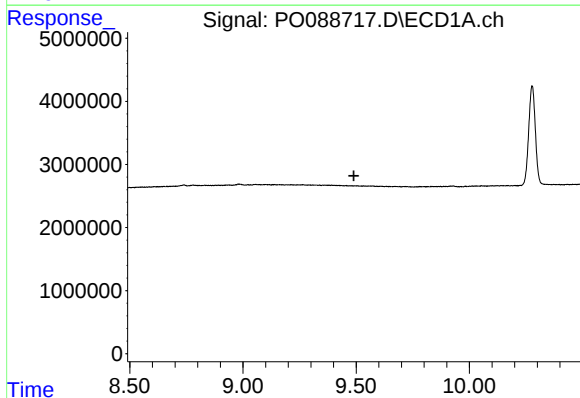
R.T.: 8.779 min
Delta R.T.: -0.035 min
Response: 130480
Conc: 1.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



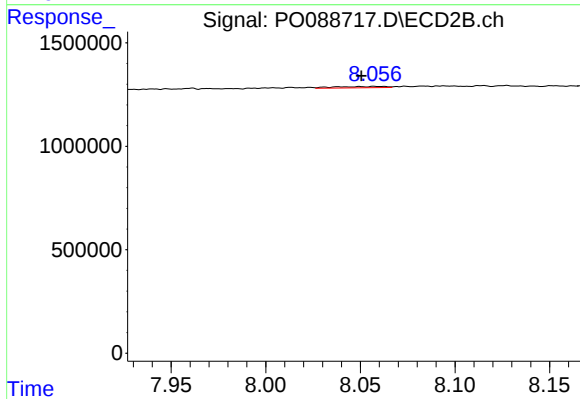
#39 AR-1262-4

R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 276821
Conc: 2.43 ng/ml



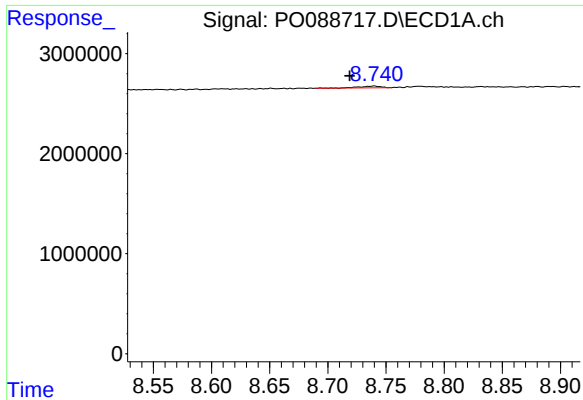
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.490 min
Response: 0
Conc: N.D.



#40 AR-1262-5

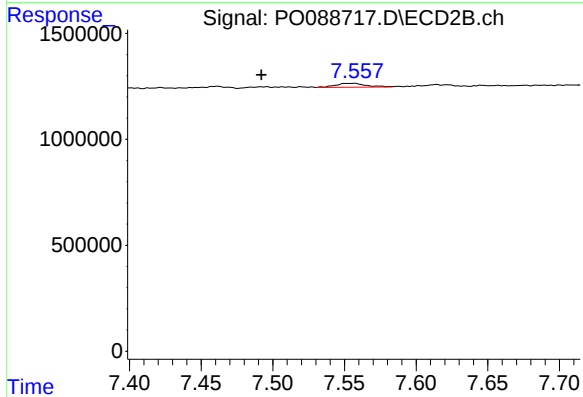
R.T.: 8.058 min
Delta R.T.: 0.007 min
Response: 119788
Conc: 2.23 ng/ml



#41 AR-1268-1

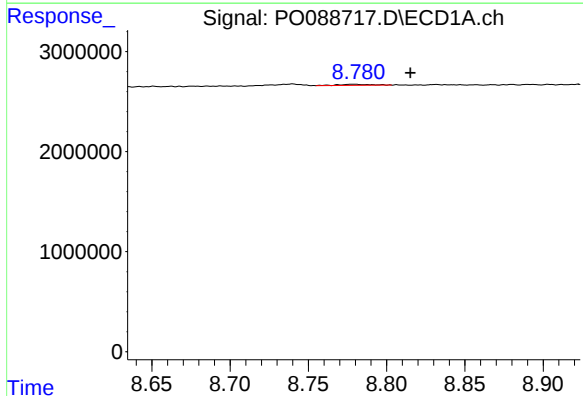
R.T.: 8.740 min
Delta R.T.: 0.021 min
Response: 199834
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



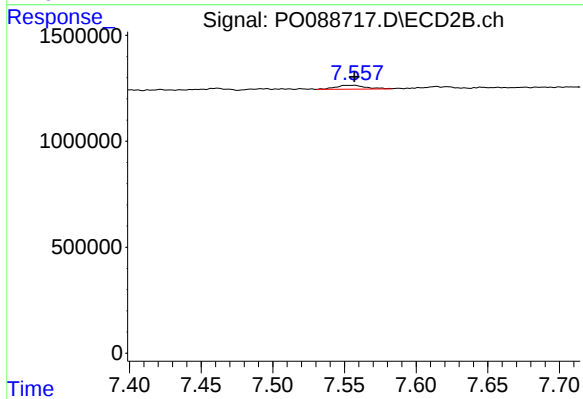
#41 AR-1268-1

R.T.: 7.556 min
Delta R.T.: 0.064 min
Response: 276821
Conc: 1.56 ng/ml



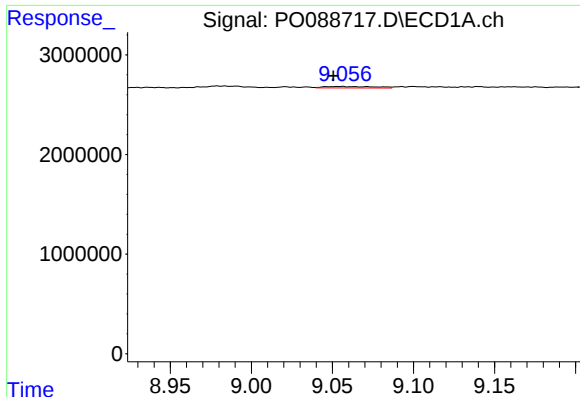
#42 AR-1268-2

R.T.: 8.779 min
Delta R.T.: -0.036 min
Response: 130480
Conc: 0.57 ng/ml



#42 AR-1268-2

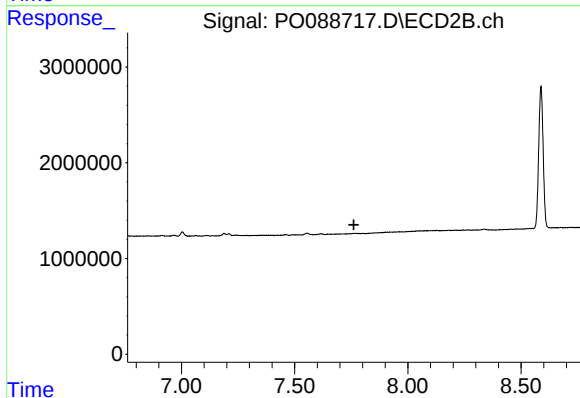
R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 276821
Conc: 1.72 ng/ml



#43 AR-1268-3

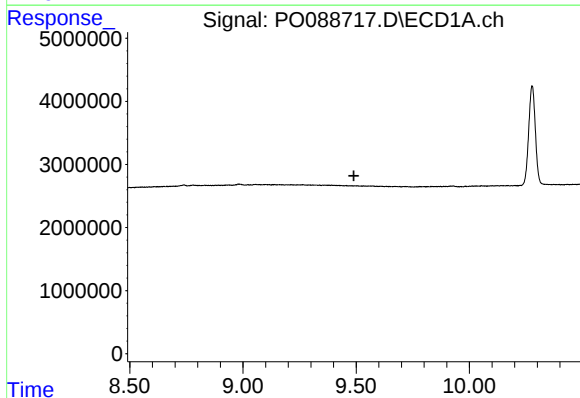
R.T.: 9.056 min
Delta R.T.: 0.005 min
Response: 324228
Conc: 1.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



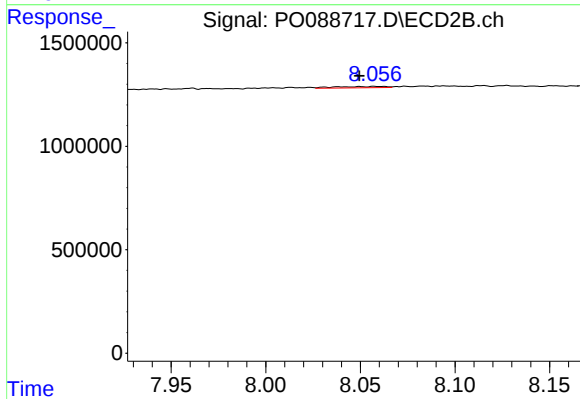
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.762 min
Response: 0
Conc: N.D.



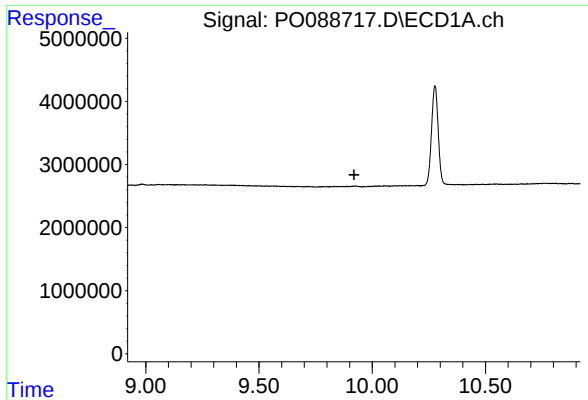
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.490 min
Response: 0
Conc: N.D.



#44 AR-1268-4

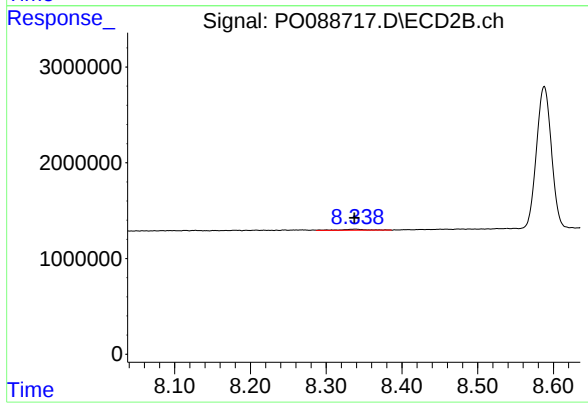
R.T.: 8.058 min
Delta R.T.: 0.008 min
Response: 119788
Conc: 2.07 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.919 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.339 min
Delta R.T.: 0.001 min
Response: 267325
Conc: 0.66 ng/ml