

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080822\
 Data File : P0088727.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2022 00:24
 Operator : YP/AJ
 Sample : N3980-09
 Misc : AR1254 LOD 40 PPB
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 03:14:18 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...	4.437	3.594	52418547	20478297	19.433	18.921
2)	SA Decachlor...	10.275	8.586	35715223	21476713	18.508	17.721
Target Compounds							
3)	L1 AR-1016-1	5.549f	0.000	387132	0	4.802	N.D. #
5)	L1 AR-1016-3	0.000	4.908f	0	751813	N.D.	25.696 #
6)	L1 AR-1016-4	0.000	4.908	0	751813	N.D.	31.167 #
7)	L1 AR-1016-5	6.094	5.122	860040	504998	14.993	15.484
9)	L2 AR-1221-2	4.743	3.892	748279	341801	32.365	37.843
10)	L2 AR-1221-3	4.743f	0.000	748279	0	10.663	N.D. #
11)	L3 AR-1232-1	4.743f	0.000	748279	0	13.471	N.D. #
12)	L3 AR-1232-2	5.157	0.000	61946	0	2.234	N.D. #
13)	L3 AR-1232-3	0.000	4.908f	0	751813	N.D.	61.177 #
14)	L3 AR-1232-4	0.000	4.949	0	211627	N.D.	17.955 #
15)	L3 AR-1232-5	5.889	5.122	1728800	504998	84.001	37.535 #
16)	L4 AR-1242-1	5.549f	0.000	387132	0	5.760	N.D. #
18)	L4 AR-1242-3	0.000	4.908f	0	751813	N.D.	31.315 #
19)	L4 AR-1242-4	0.000	4.949	0	211627	N.D.	8.394 #
20)	L4 AR-1242-5	6.541	5.473	837112	1952302	16.130	61.318 #
21)	L5 AR-1248-1	5.549f	0.000	387132	0	7.504	N.D. #
22)	L5 AR-1248-2	5.889	4.908	1728800	751813	22.520	20.948
23)	L5 AR-1248-3	6.094	4.949	860040	211627	10.412	5.558 #
24)	L5 AR-1248-4	6.500	5.122	1316231	504998	14.656	10.997
25)	L5 AR-1248-5	6.541	5.512	837112	219328	9.444	5.023 #
26)	L6 AR-1254-1	6.474	5.473	2823293	1952302	30.907	28.346
27)	L6 AR-1254-2	6.694	5.620	4382746	1769055	32.049	29.873
28)	L6 AR-1254-3	7.062	6.023	4807513	2650873	34.162	28.508
29)	L6 AR-1254-4	7.349	6.252	2833693	1591777	28.044	28.098
30)	L6 AR-1254-5	7.770	6.669	2969746	2289689	27.888	28.051
31)	L7 AR-1260-1	7.227	6.153	1749891	1304597	16.932	20.527
32)	L7 AR-1260-2	7.485	6.341	1670483	1139977	14.133	14.877
33)	L7 AR-1260-3	7.832	6.492	467596	1082140	5.323	15.063 #
34)	L7 AR-1260-4	8.061	7.003	1299373	584649	13.267	9.581 #
35)	L7 AR-1260-5	8.399	7.208	901847	251629	4.896	1.784 #
36)	L8 AR-1262-1	7.832	6.758	467596	79285	3.690	2.264 #
37)	L8 AR-1262-2	8.399	7.208	901847	251629	4.295	1.643 #
38)	L8 AR-1262-3	8.730	7.553f	349782	301014	3.880	4.880 #
39)	L8 AR-1262-4	8.784	7.553	85766	301014	1.301	2.643 #
40)	L8 AR-1262-5	9.488	8.071	460099	398801	5.738	7.428 #
41)	L9 AR-1268-1	8.730	7.553f	349782	301014	1.410	1.700
42)	L9 AR-1268-2	8.784	7.553	85766	301014	0.377	1.875 #
43)	L9 AR-1268-3	9.045	7.763	256967	125629	1.311	0.911 #
44)	L9 AR-1268-4	9.488	8.071	460099	398801	5.284	6.890 #

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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
45) L9	AR-1268-5	9.914	8.332	523256	162332	0.836	0.398 #

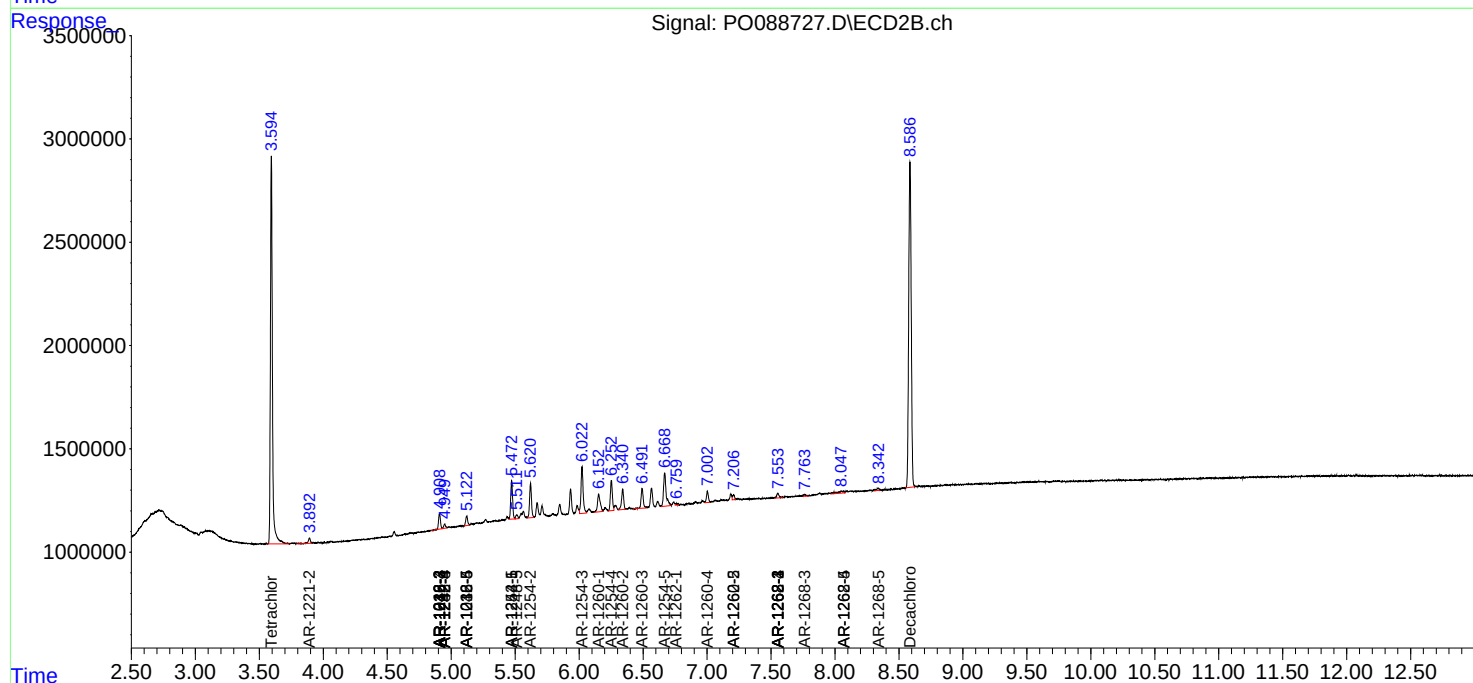
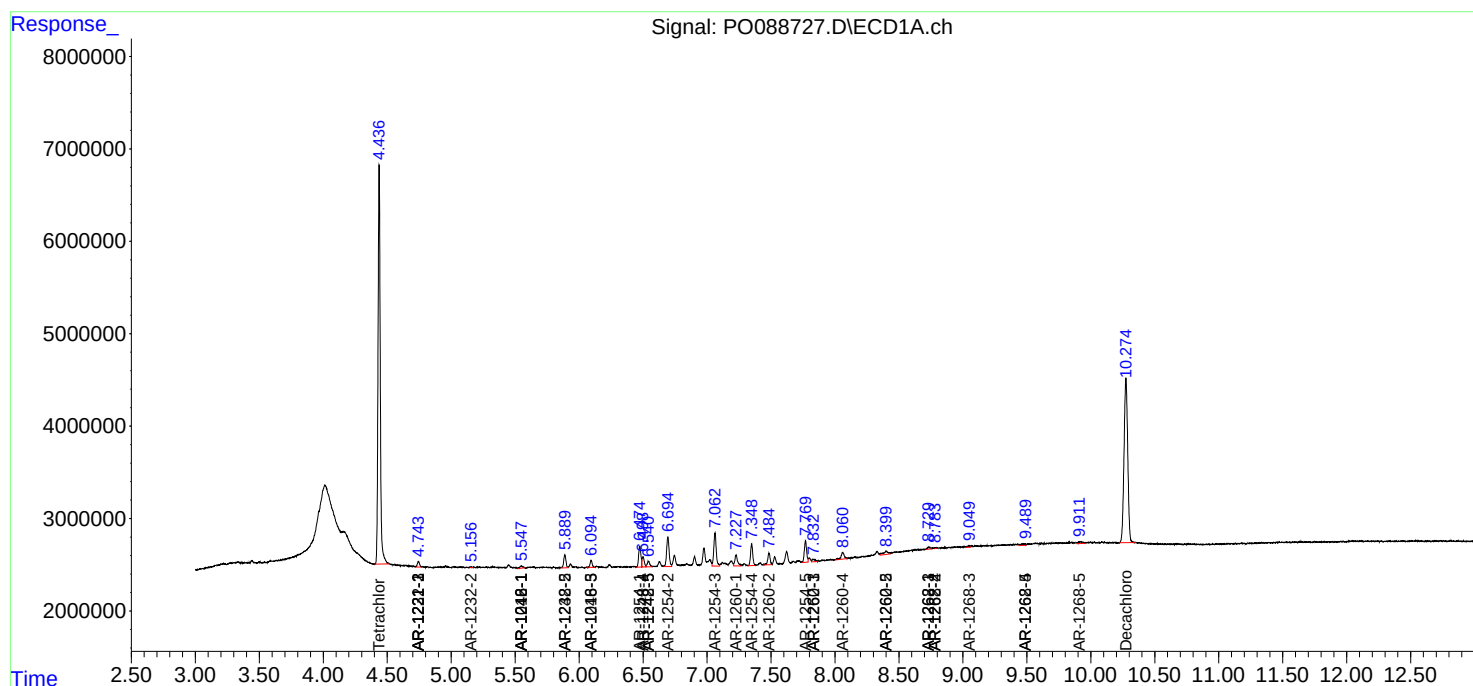
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

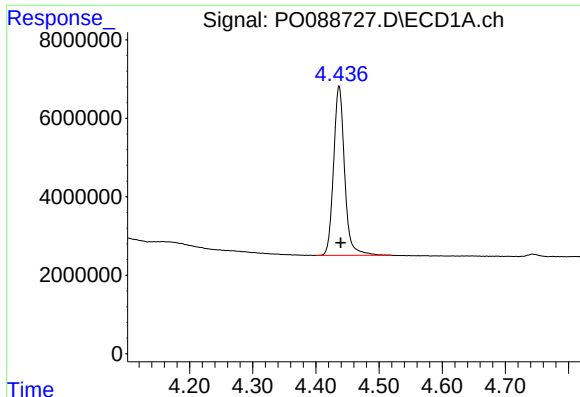
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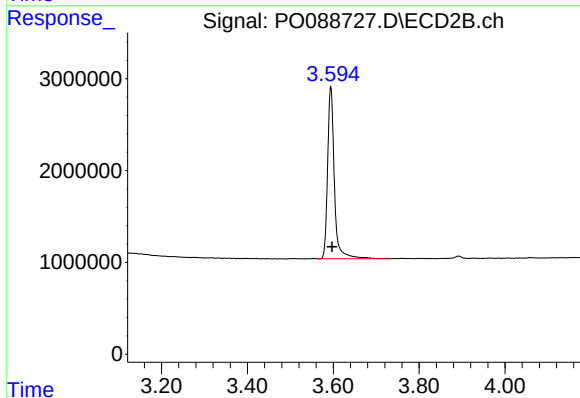




#1 Tetrachloro-m-xylene

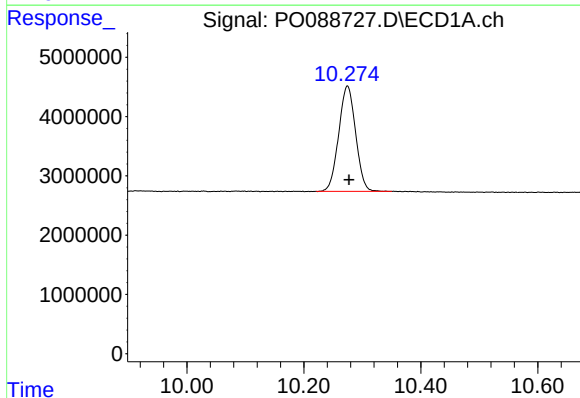
R.T.: 4.437 min
Delta R.T.: -0.002 min
Response: 52418547
Conc: 19.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



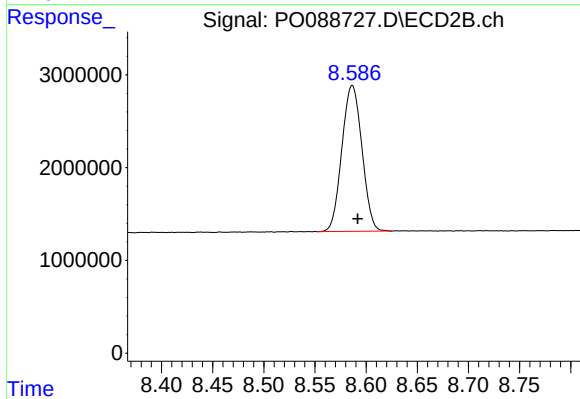
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: -0.003 min
Response: 20478297
Conc: 18.92 ng/ml



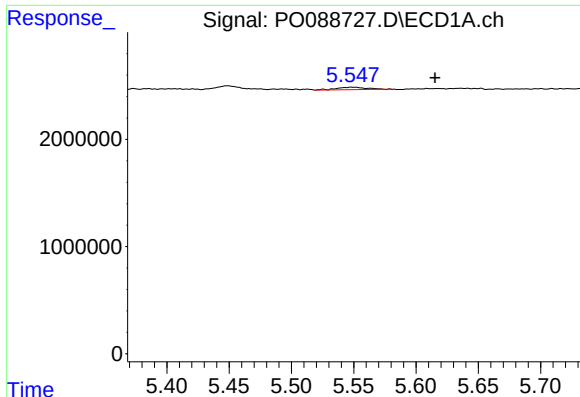
#2 Decachlorobiphenyl

R.T.: 10.275 min
Delta R.T.: -0.002 min
Response: 35715223
Conc: 18.51 ng/ml



#2 Decachlorobiphenyl

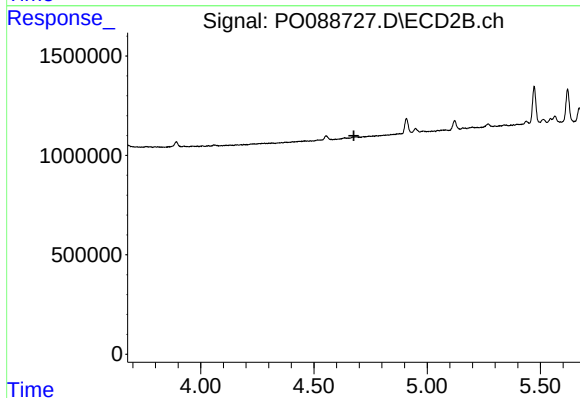
R.T.: 8.586 min
Delta R.T.: -0.005 min
Response: 21476713
Conc: 17.72 ng/ml



#3 AR-1016-1

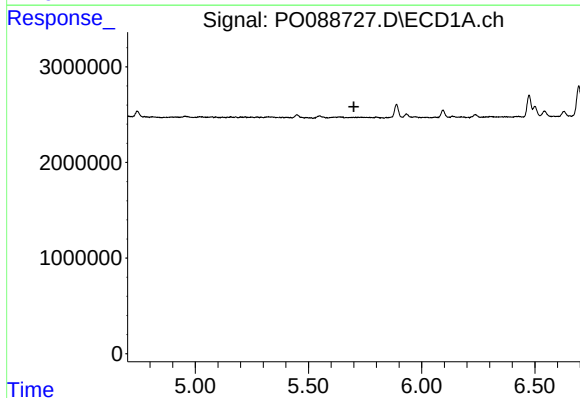
R.T.: 5.549 min
Delta R.T.: -0.067 min
Response: 387132
Conc: 4.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



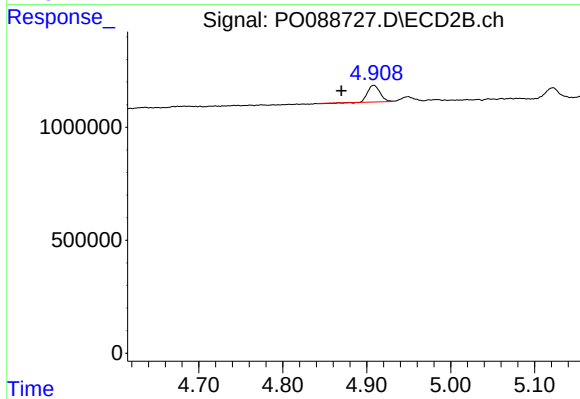
#3 AR-1016-1

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



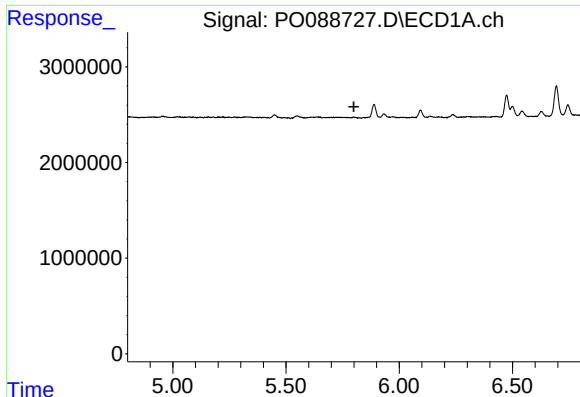
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.701 min
Response: 0
Conc: N.D.



#5 AR-1016-3

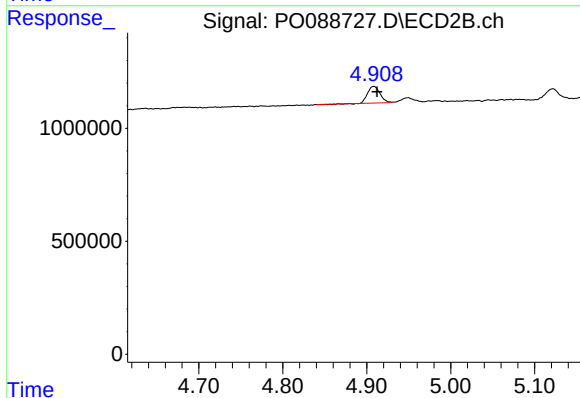
R.T.: 4.908 min
Delta R.T.: 0.038 min
Response: 751813
Conc: 25.70 ng/ml



#6 AR-1016-4

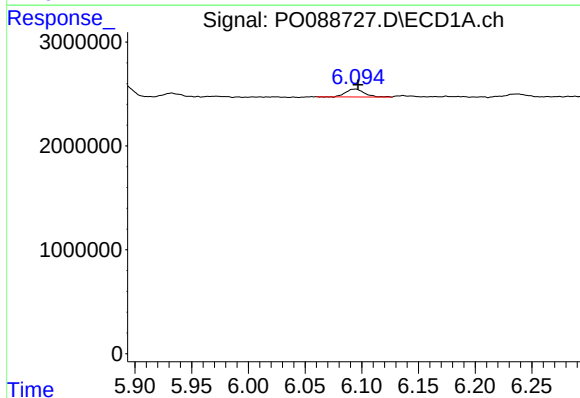
R.T.: 0.000 min
Exp R.T.: 5.800 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



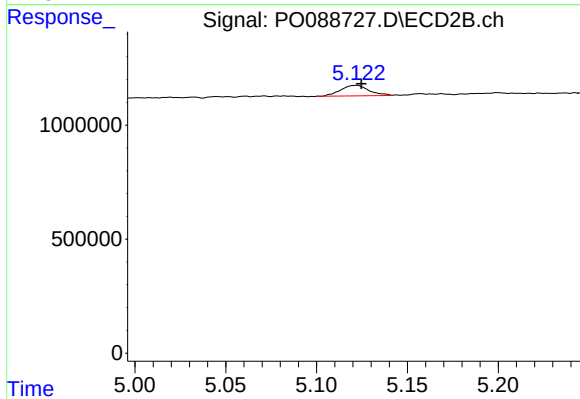
#6 AR-1016-4

R.T.: 4.908 min
Delta R.T.: -0.004 min
Response: 751813
Conc: 31.17 ng/ml



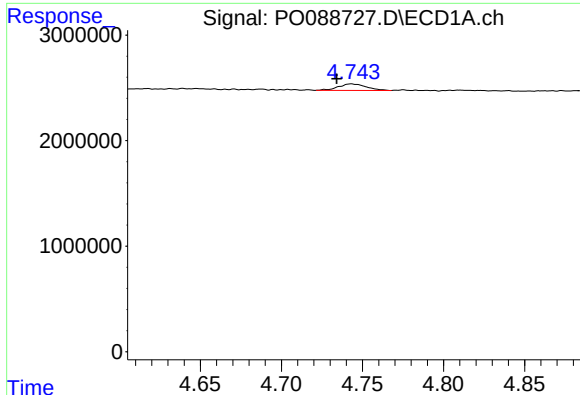
#7 AR-1016-5

R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 860040
Conc: 14.99 ng/ml



#7 AR-1016-5

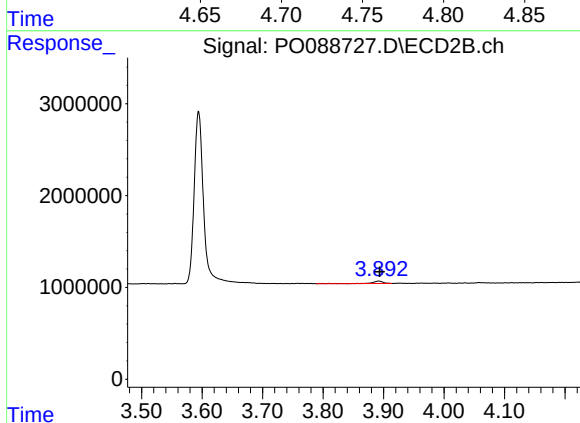
R.T.: 5.122 min
Delta R.T.: -0.003 min
Response: 504998
Conc: 15.48 ng/ml



#9 AR-1221-2

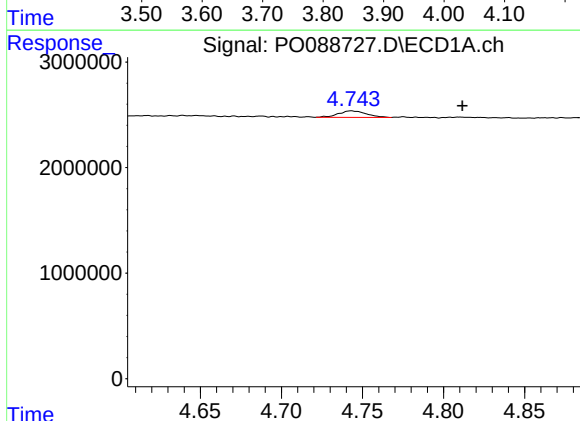
R.T.: 4.743 min
Delta R.T.: 0.009 min
Response: 748279
Conc: 32.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



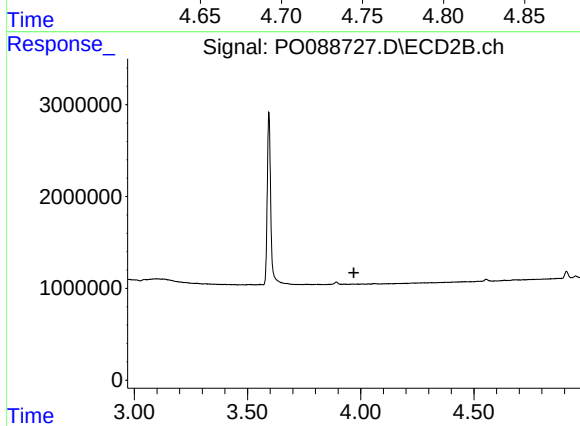
#9 AR-1221-2

R.T.: 3.892 min
Delta R.T.: -0.002 min
Response: 341801
Conc: 37.84 ng/ml



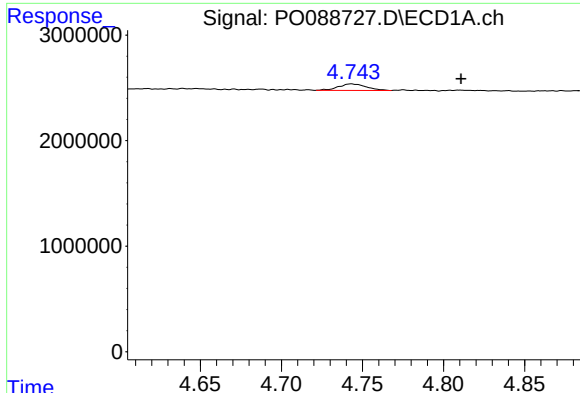
#10 AR-1221-3

R.T.: 4.743 min
Delta R.T.: -0.069 min
Response: 748279
Conc: 10.66 ng/ml



#10 AR-1221-3

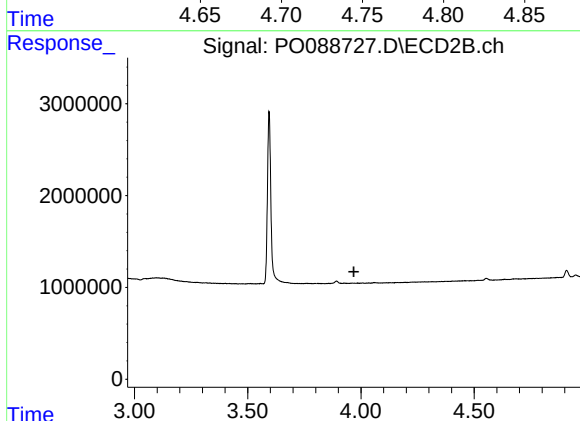
R.T.: 0.000 min
Exp R.T. : 3.969 min
Response: 0
Conc: N.D.



#11 AR-1232-1

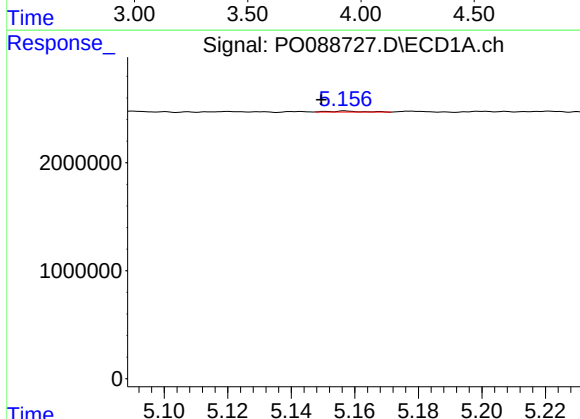
R.T.: 4.743 min
Delta R.T.: -0.068 min
Response: 748279
Conc: 13.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



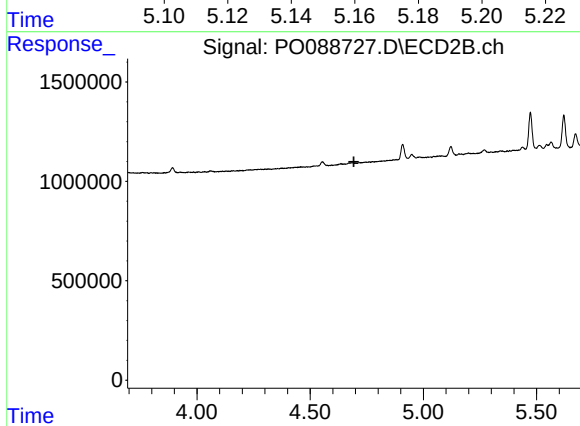
#11 AR-1232-1

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



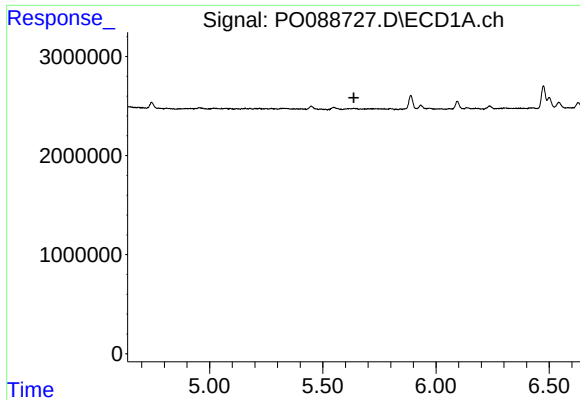
#12 AR-1232-2

R.T.: 5.157 min
Delta R.T.: 0.008 min
Response: 61946
Conc: 2.23 ng/ml



#12 AR-1232-2

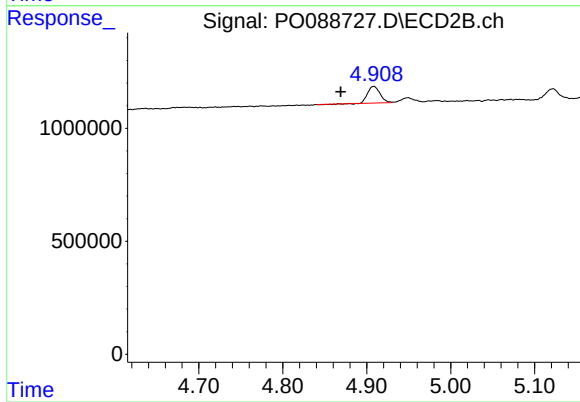
R.T.: 0.000 min
Exp R.T. : 4.693 min
Response: 0
Conc: N.D.



#13 AR-1232-3

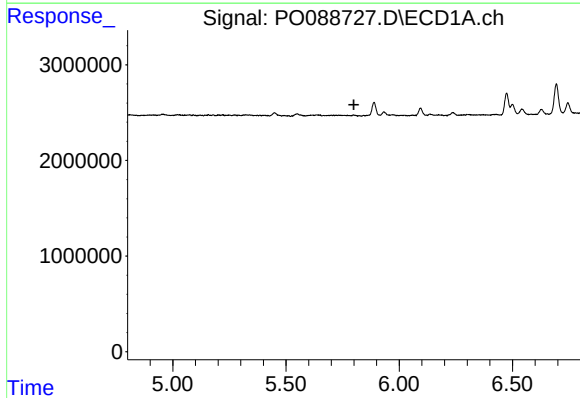
R.T.: 0.000 min
Exp R.T.: 5.637 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



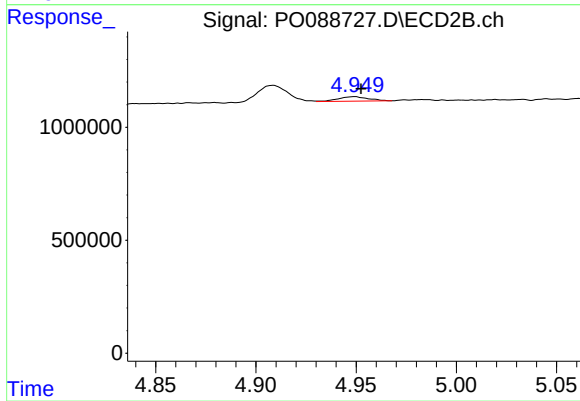
#13 AR-1232-3

R.T.: 4.908 min
Delta R.T.: 0.040 min
Response: 751813
Conc: 61.18 ng/ml



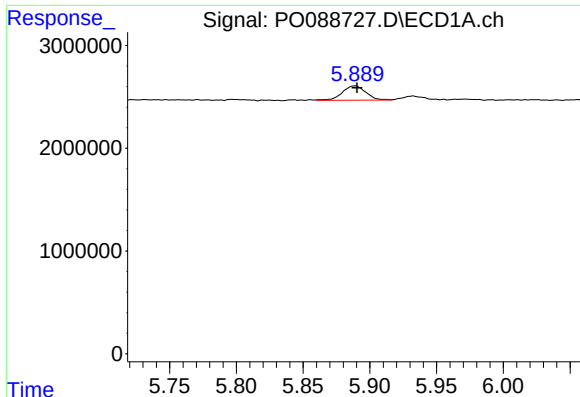
#14 AR-1232-4

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



#14 AR-1232-4

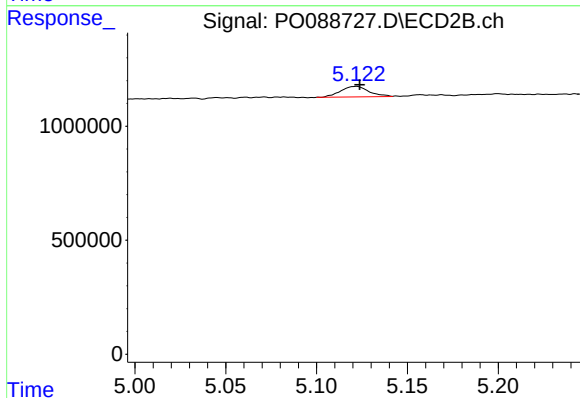
R.T.: 4.949 min
Delta R.T.: -0.003 min
Response: 211627
Conc: 17.96 ng/ml



#15 AR-1232-5

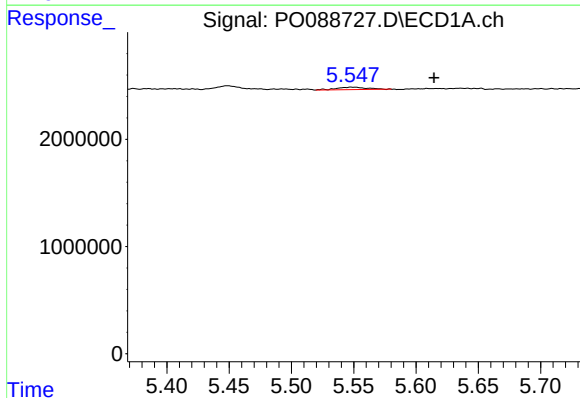
R.T.: 5.889 min
Delta R.T.: -0.002 min
Response: 1728800
Conc: 84.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



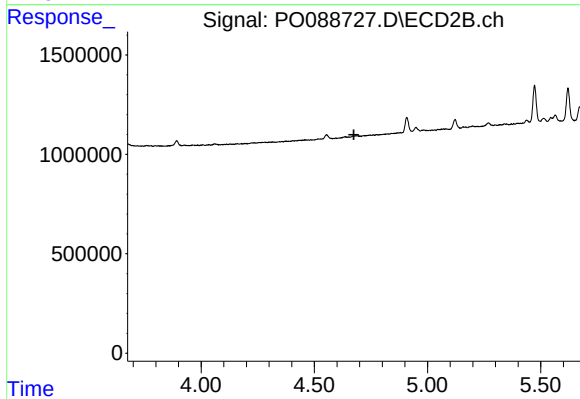
#15 AR-1232-5

R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 504998
Conc: 37.53 ng/ml



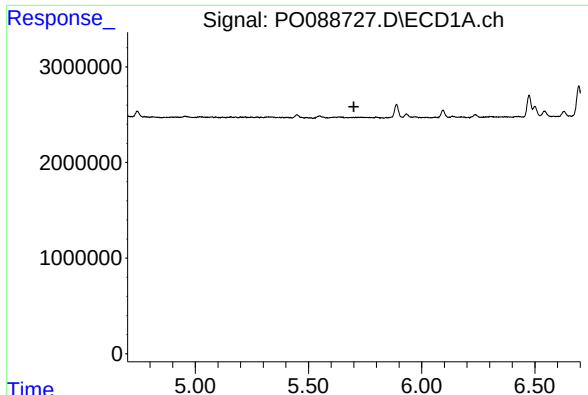
#16 AR-1242-1

R.T.: 5.549 min
Delta R.T.: -0.066 min
Response: 387132
Conc: 5.76 ng/ml



#16 AR-1242-1

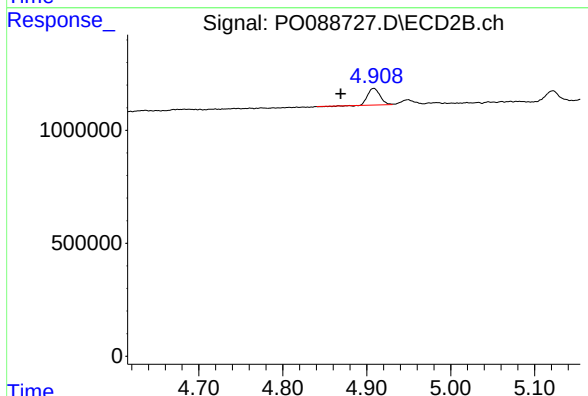
R.T.: 0.000 min
Exp R.T.: 4.675 min
Response: 0
Conc: N.D.



#18 AR-1242-3

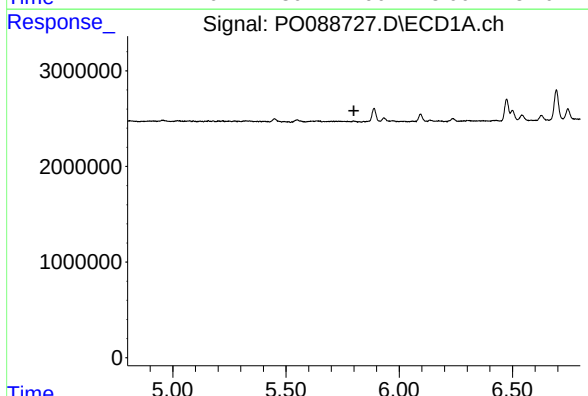
R.T.: 0.000 min
Exp R.T.: 5.700 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



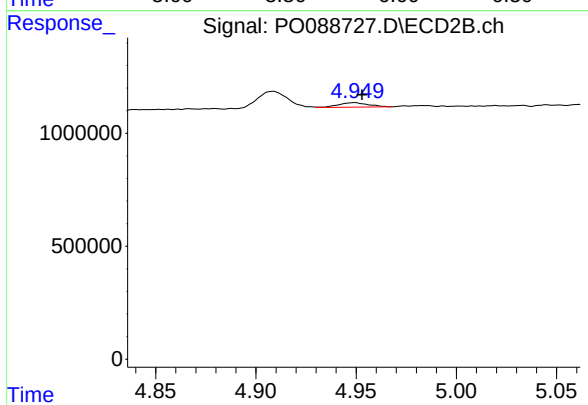
#18 AR-1242-3

R.T.: 4.908 min
Delta R.T.: 0.039 min
Response: 751813
Conc: 31.32 ng/ml



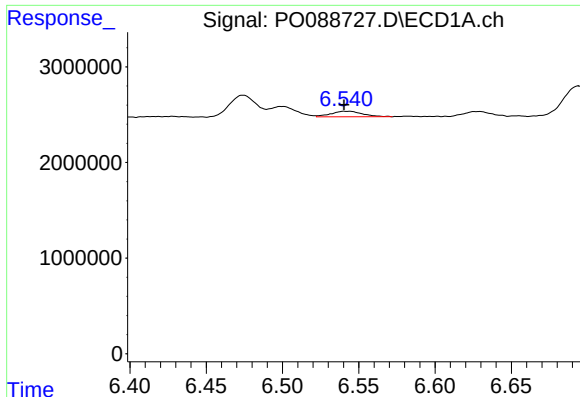
#19 AR-1242-4

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



#19 AR-1242-4

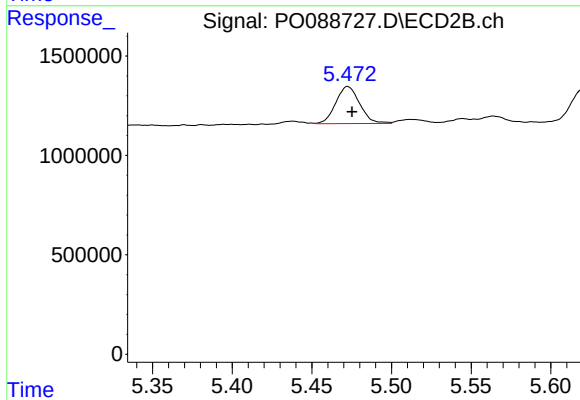
R.T.: 4.949 min
Delta R.T.: -0.004 min
Response: 211627
Conc: 8.39 ng/ml



#20 AR-1242-5

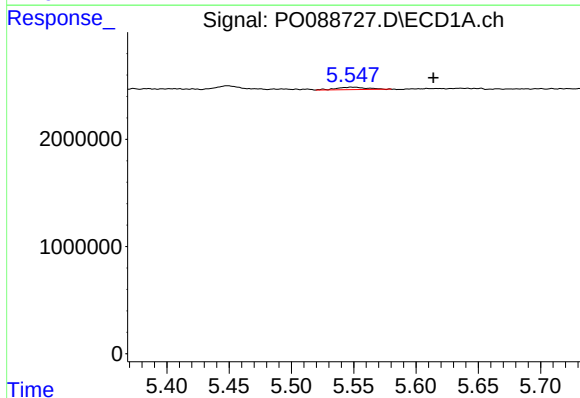
R.T.: 6.541 min
Delta R.T.: 0.000 min
Response: 837112
Conc: 16.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



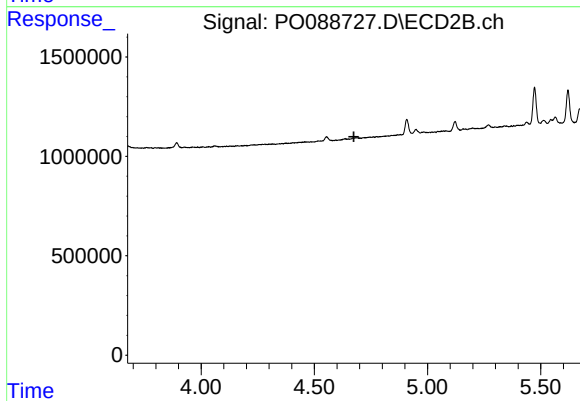
#20 AR-1242-5

R.T.: 5.473 min
Delta R.T.: -0.003 min
Response: 1952302
Conc: 61.32 ng/ml



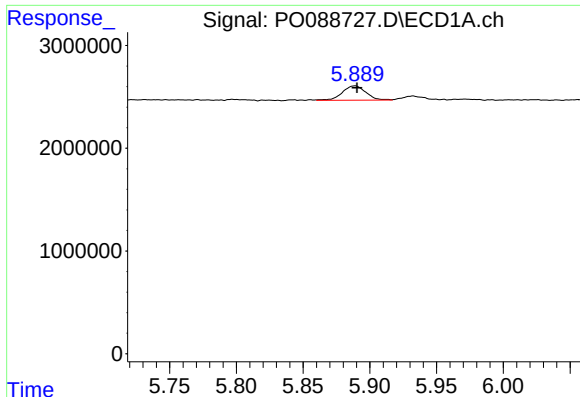
#21 AR-1248-1

R.T.: 5.549 min
Delta R.T.: -0.065 min
Response: 387132
Conc: 7.50 ng/ml



#21 AR-1248-1

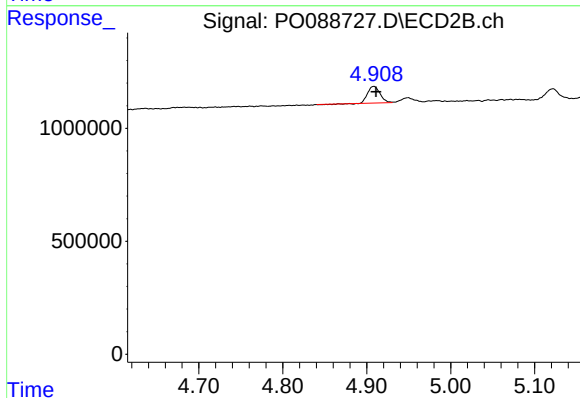
R.T.: 0.000 min
Exp R.T. : 4.674 min
Response: 0
Conc: N.D.



#22 AR-1248-2

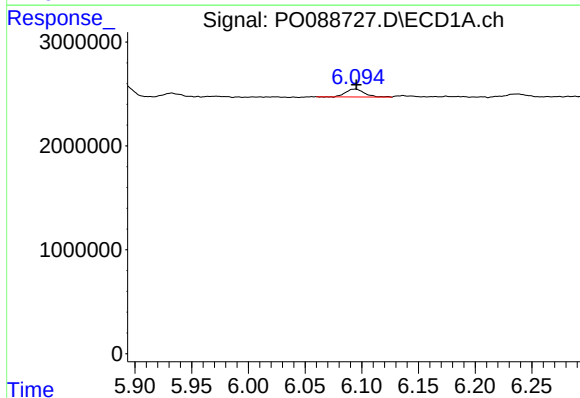
R.T.: 5.889 min
Delta R.T.: -0.002 min
Response: 1728800
Conc: 22.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



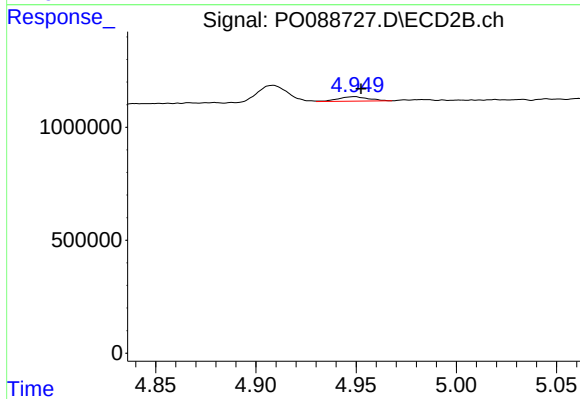
#22 AR-1248-2

R.T.: 4.908 min
Delta R.T.: -0.003 min
Response: 751813
Conc: 20.95 ng/ml



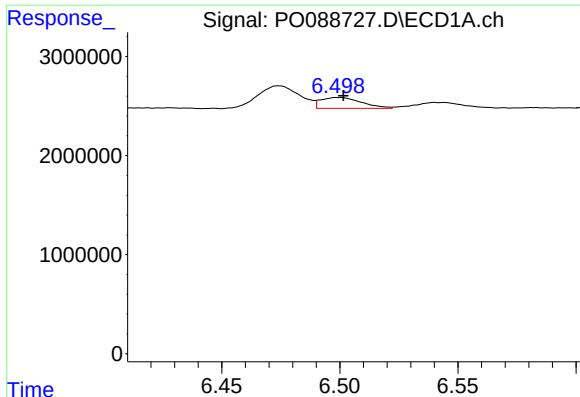
#23 AR-1248-3

R.T.: 6.094 min
Delta R.T.: -0.001 min
Response: 860040
Conc: 10.41 ng/ml



#23 AR-1248-3

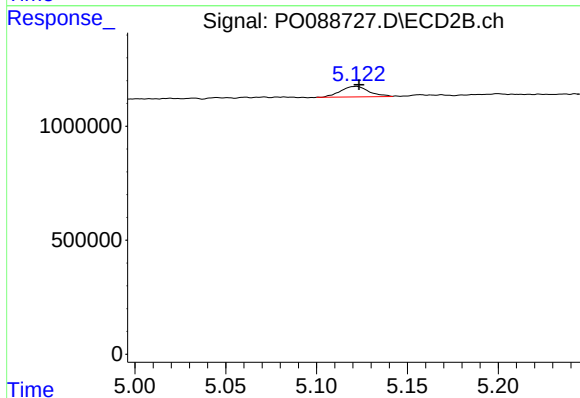
R.T.: 4.949 min
Delta R.T.: -0.003 min
Response: 211627
Conc: 5.56 ng/ml



#24 AR-1248-4

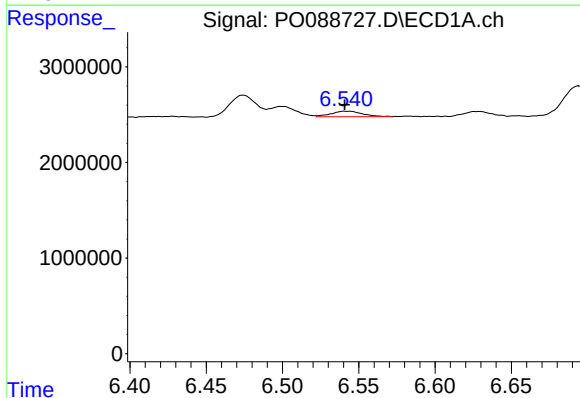
R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 1316231
Conc: 14.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



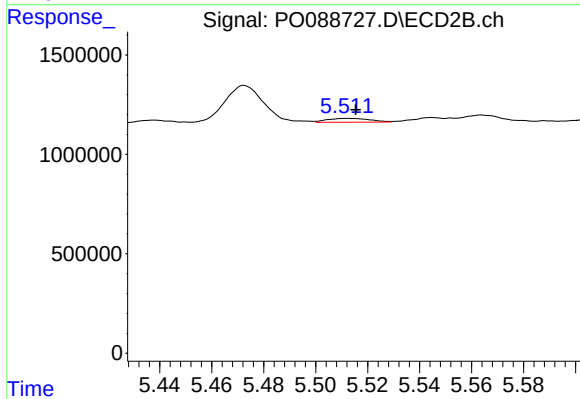
#24 AR-1248-4

R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 504998
Conc: 11.00 ng/ml



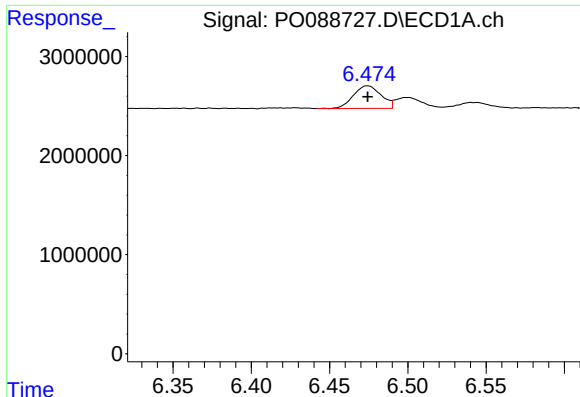
#25 AR-1248-5

R.T.: 6.541 min
Delta R.T.: 0.000 min
Response: 837112
Conc: 9.44 ng/ml



#25 AR-1248-5

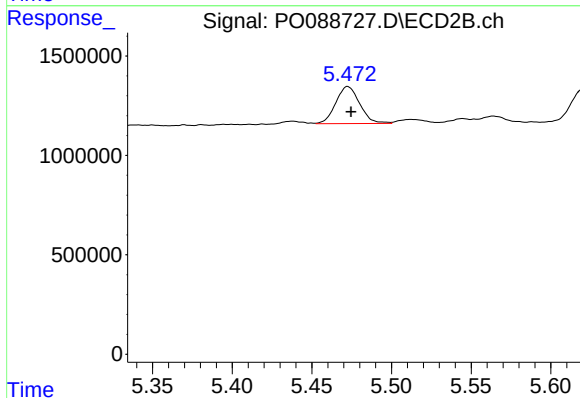
R.T.: 5.512 min
Delta R.T.: -0.003 min
Response: 219328
Conc: 5.02 ng/ml



#26 AR-1254-1

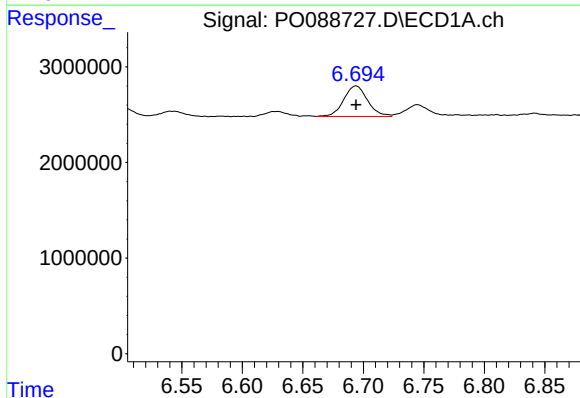
R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 2823293
Conc: 30.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



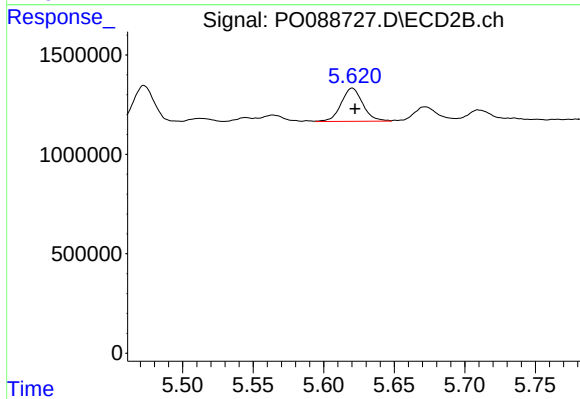
#26 AR-1254-1

R.T.: 5.473 min
Delta R.T.: -0.002 min
Response: 1952302
Conc: 28.35 ng/ml



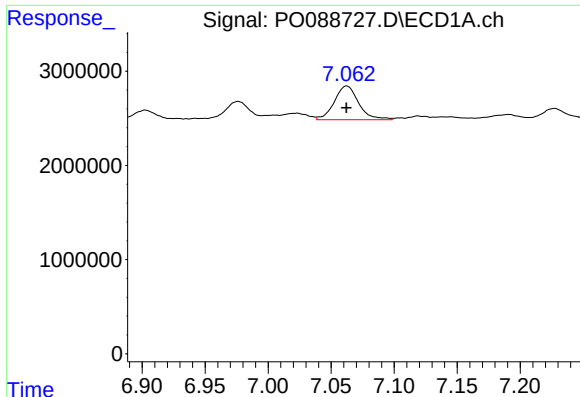
#27 AR-1254-2

R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 4382746
Conc: 32.05 ng/ml



#27 AR-1254-2

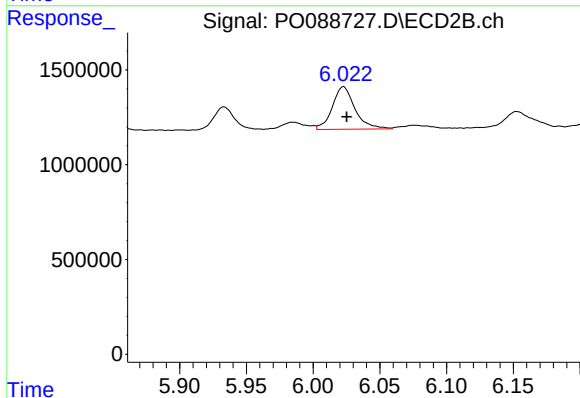
R.T.: 5.620 min
Delta R.T.: -0.002 min
Response: 1769055
Conc: 29.87 ng/ml



#28 AR-1254-3

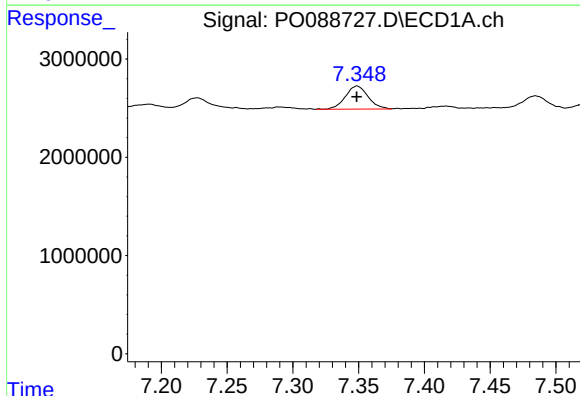
R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 4807513
Conc: 34.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



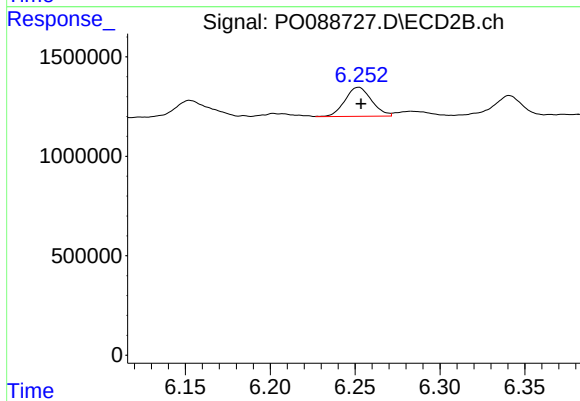
#28 AR-1254-3

R.T.: 6.023 min
Delta R.T.: -0.003 min
Response: 2650873
Conc: 28.51 ng/ml



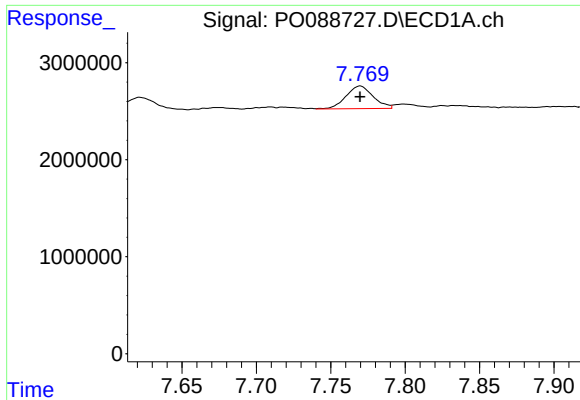
#29 AR-1254-4

R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 2833693
Conc: 28.04 ng/ml



#29 AR-1254-4

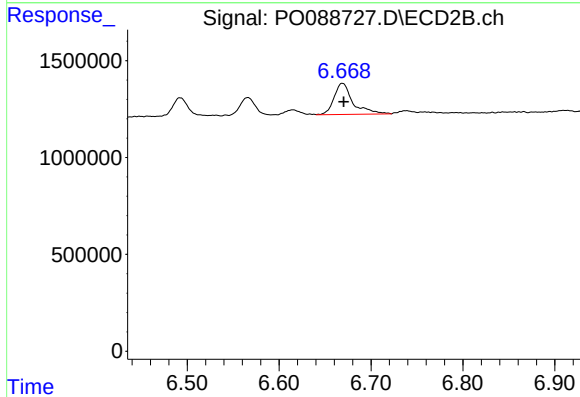
R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 1591777
Conc: 28.10 ng/ml



#30 AR-1254-5

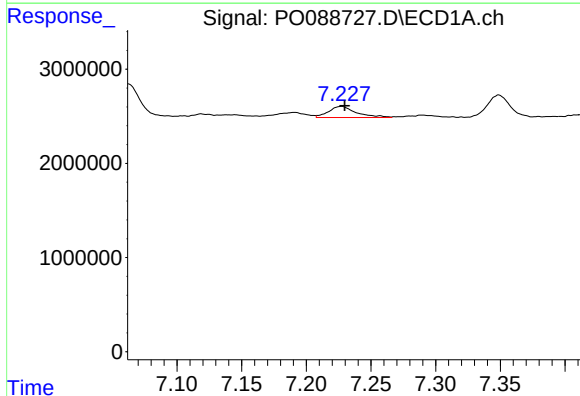
R.T.: 7.770 min
Delta R.T.: 0.000 min
Response: 2969746
Conc: 27.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



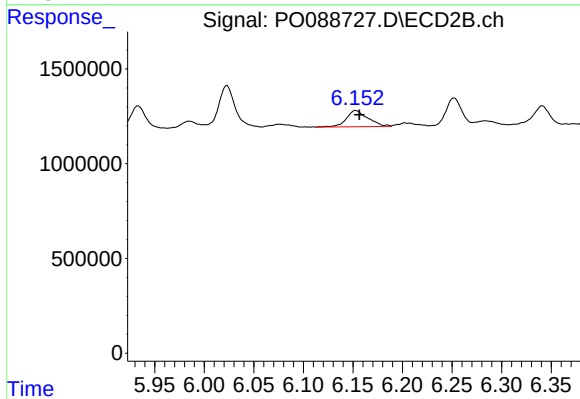
#30 AR-1254-5

R.T.: 6.669 min
Delta R.T.: -0.001 min
Response: 2289689
Conc: 28.05 ng/ml



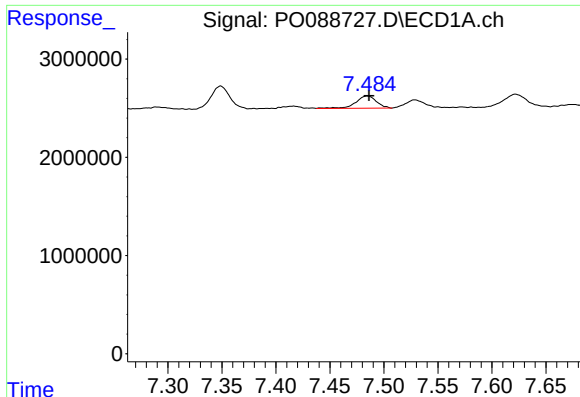
#31 AR-1260-1

R.T.: 7.227 min
Delta R.T.: -0.002 min
Response: 1749891
Conc: 16.93 ng/ml



#31 AR-1260-1

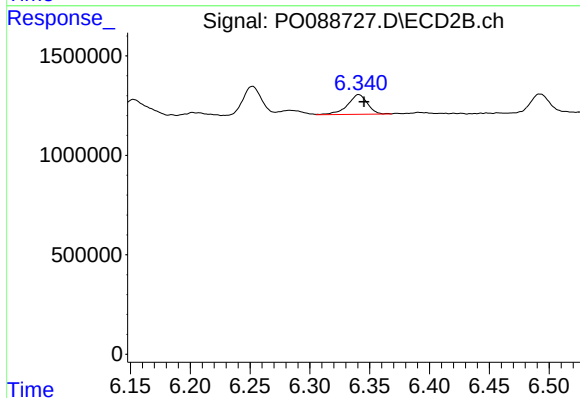
R.T.: 6.153 min
Delta R.T.: -0.004 min
Response: 1304597
Conc: 20.53 ng/ml



#32 AR-1260-2

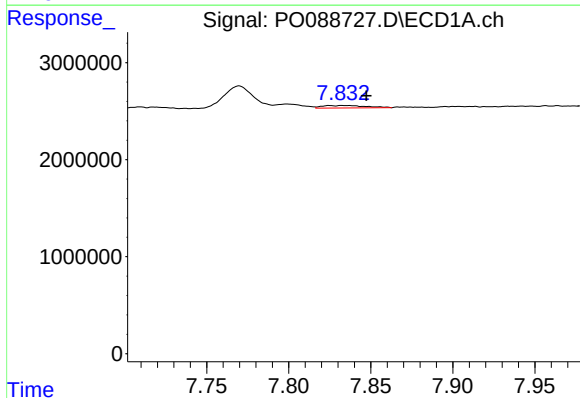
R.T.: 7.485 min
Delta R.T.: -0.002 min
Response: 1670483
Conc: 14.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



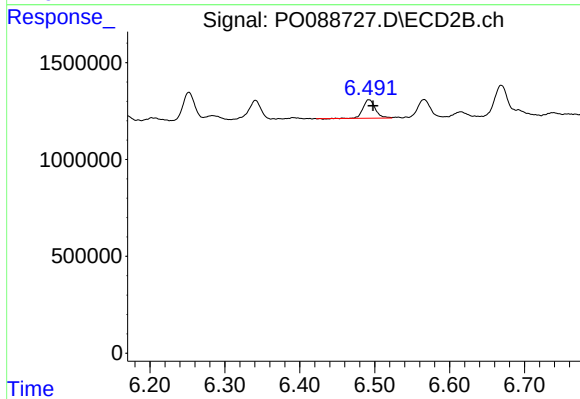
#32 AR-1260-2

R.T.: 6.341 min
Delta R.T.: -0.004 min
Response: 1139977
Conc: 14.88 ng/ml



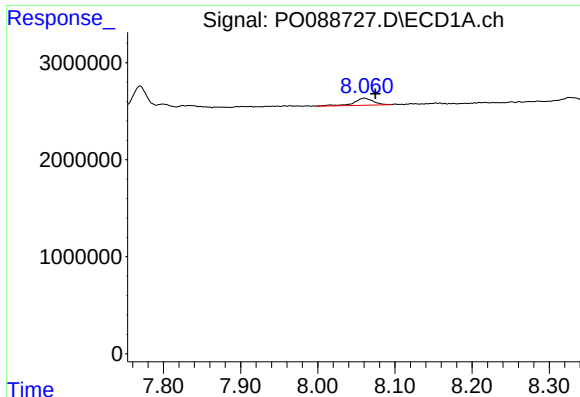
#33 AR-1260-3

R.T.: 7.832 min
Delta R.T.: -0.015 min
Response: 467596
Conc: 5.32 ng/ml



#33 AR-1260-3

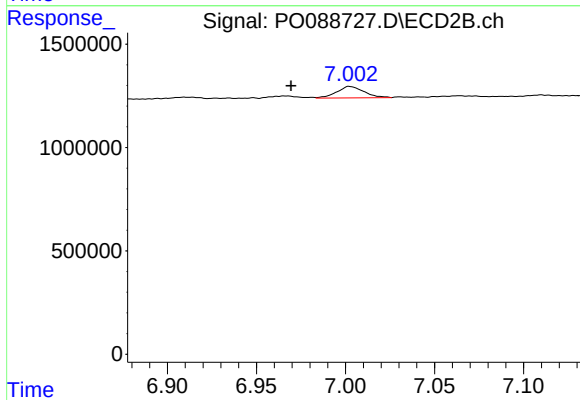
R.T.: 6.492 min
Delta R.T.: -0.005 min
Response: 1082140
Conc: 15.06 ng/ml



#34 AR-1260-4

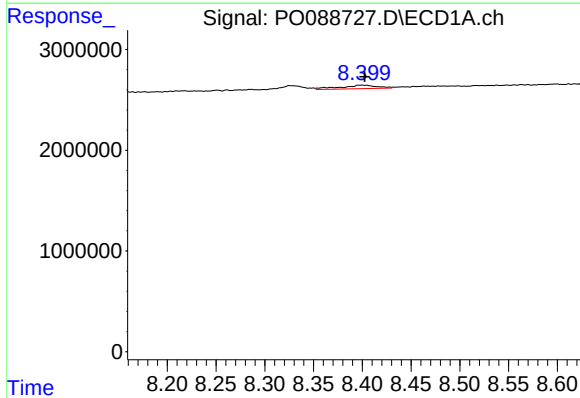
R.T.: 8.061 min
Delta R.T.: -0.014 min
Response: 1299373
Conc: 13.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



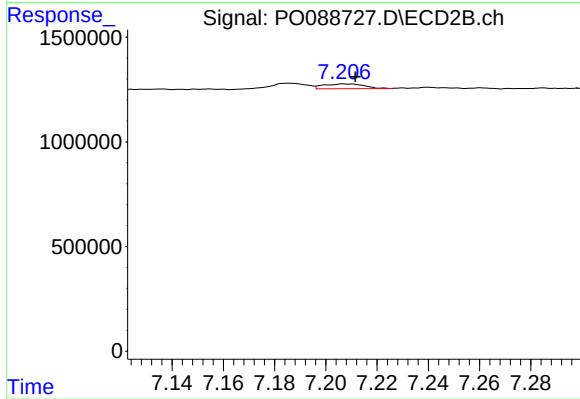
#34 AR-1260-4

R.T.: 7.003 min
Delta R.T.: 0.033 min
Response: 584649
Conc: 9.58 ng/ml



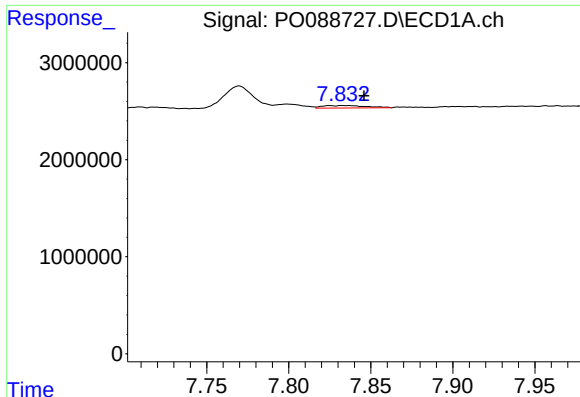
#35 AR-1260-5

R.T.: 8.399 min
Delta R.T.: -0.003 min
Response: 901847
Conc: 4.90 ng/ml



#35 AR-1260-5

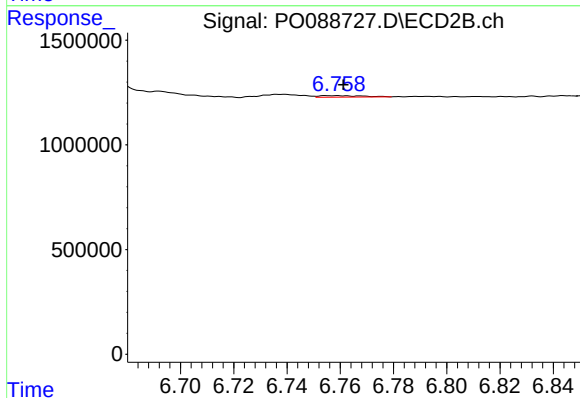
R.T.: 7.208 min
Delta R.T.: -0.004 min
Response: 251629
Conc: 1.78 ng/ml



#36 AR-1262-1

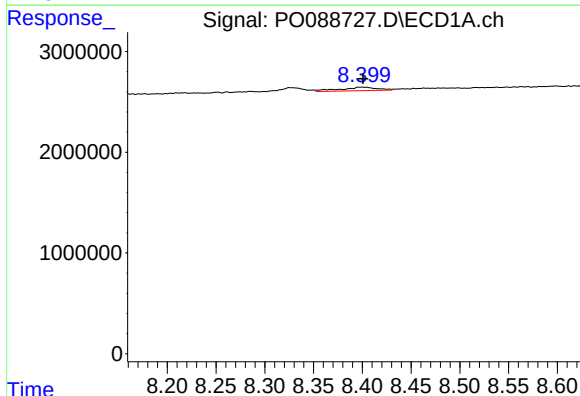
R.T.: 7.832 min
Delta R.T.: -0.013 min
Response: 467596
Conc: 3.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



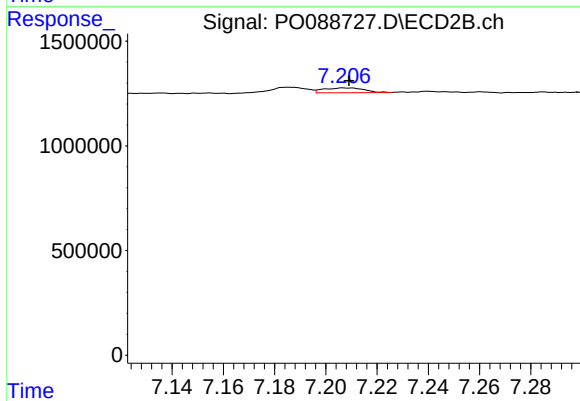
#36 AR-1262-1

R.T.: 6.758 min
Delta R.T.: -0.003 min
Response: 79285
Conc: 2.26 ng/ml



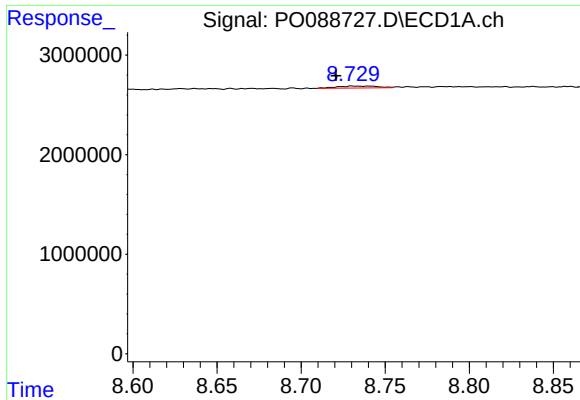
#37 AR-1262-2

R.T.: 8.399 min
Delta R.T.: -0.001 min
Response: 901847
Conc: 4.30 ng/ml



#37 AR-1262-2

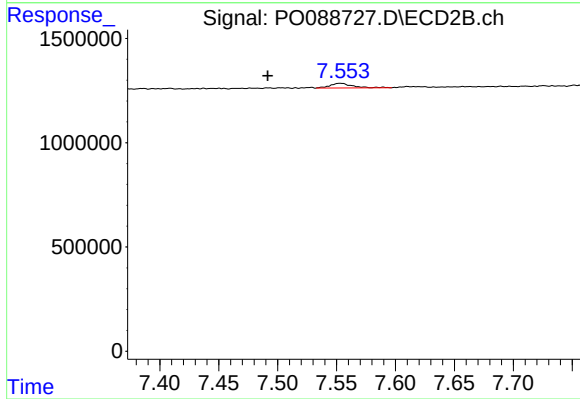
R.T.: 7.208 min
Delta R.T.: -0.001 min
Response: 251629
Conc: 1.64 ng/ml



#38 AR-1262-3

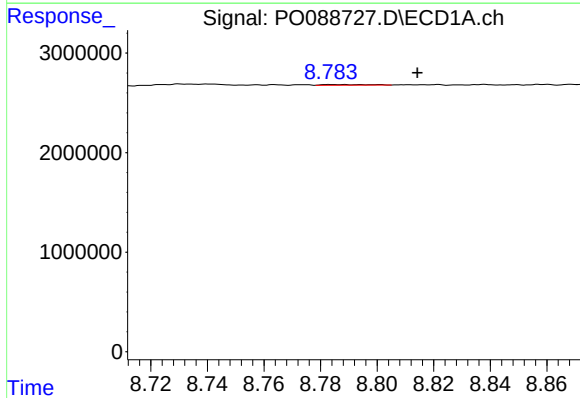
R.T.: 8.730 min
Delta R.T.: 0.010 min
Response: 349782
Conc: 3.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



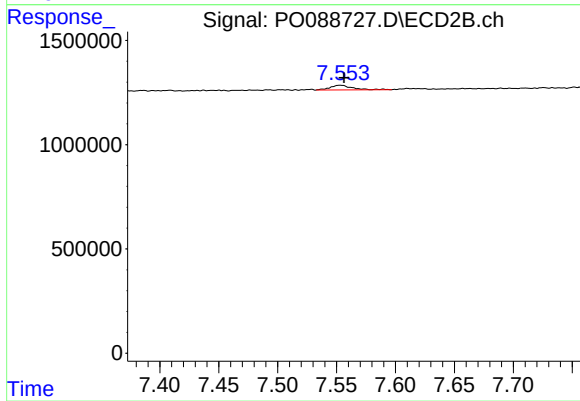
#38 AR-1262-3

R.T.: 7.553 min
Delta R.T.: 0.062 min
Response: 301014
Conc: 4.88 ng/ml



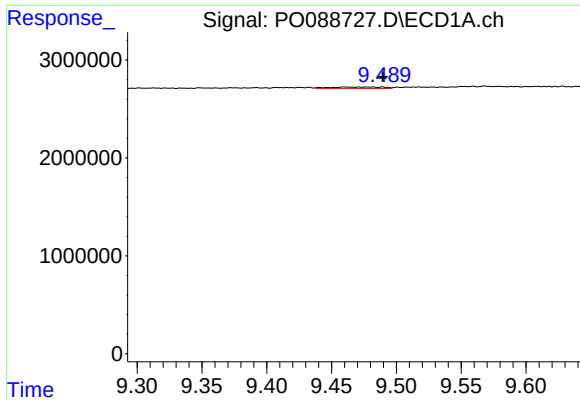
#39 AR-1262-4

R.T.: 8.784 min
Delta R.T.: -0.031 min
Response: 85766
Conc: 1.30 ng/ml



#39 AR-1262-4

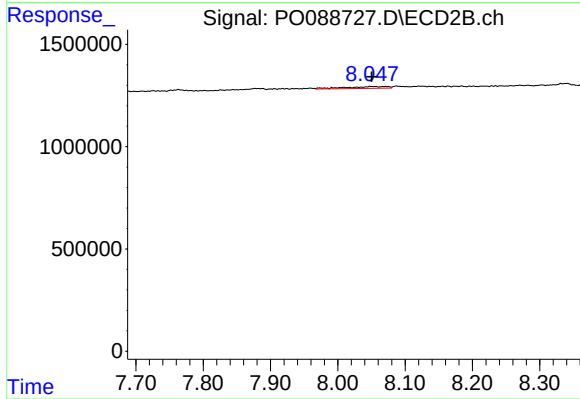
R.T.: 7.553 min
Delta R.T.: -0.003 min
Response: 301014
Conc: 2.64 ng/ml



#40 AR-1262-5

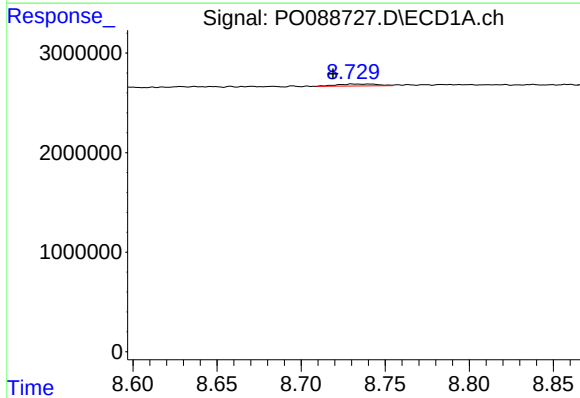
R.T.: 9.488 min
Delta R.T.: -0.002 min
Response: 460099
Conc: 5.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



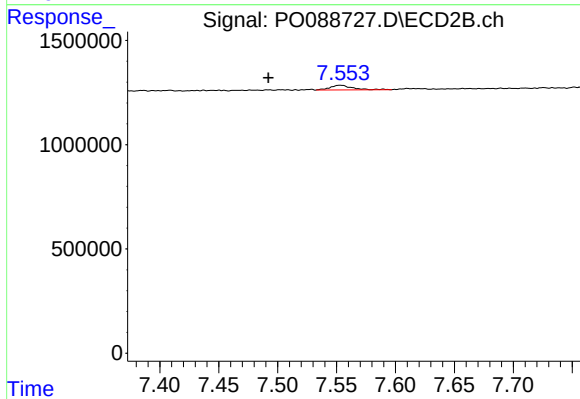
#40 AR-1262-5

R.T.: 8.071 min
Delta R.T.: 0.020 min
Response: 398801
Conc: 7.43 ng/ml



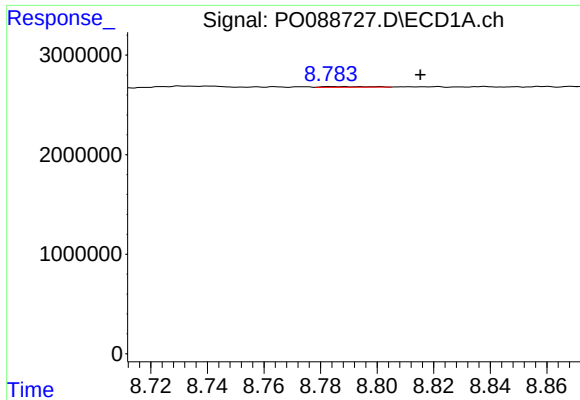
#41 AR-1268-1

R.T.: 8.730 min
Delta R.T.: 0.011 min
Response: 349782
Conc: 1.41 ng/ml



#41 AR-1268-1

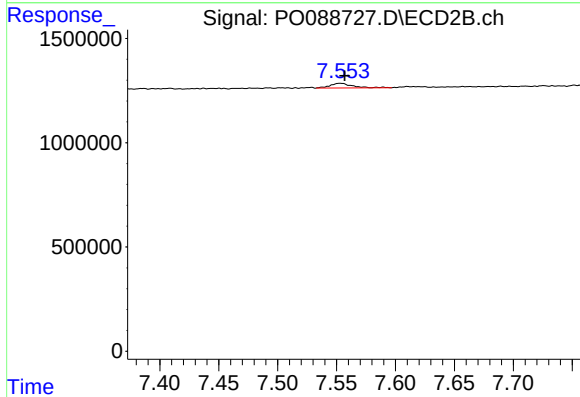
R.T.: 7.553 min
Delta R.T.: 0.061 min
Response: 301014
Conc: 1.70 ng/ml



#42 AR-1268-2

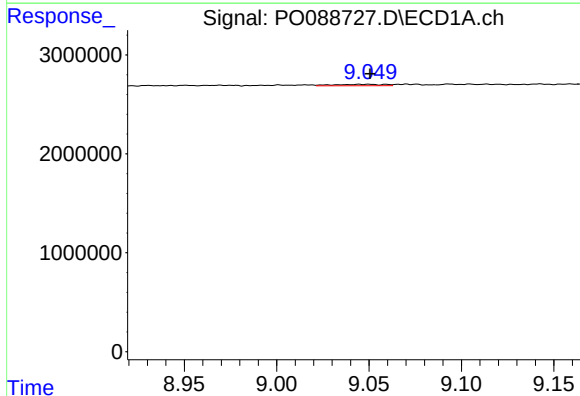
R.T.: 8.784 min
Delta R.T.: -0.032 min
Response: 85766
Conc: 0.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



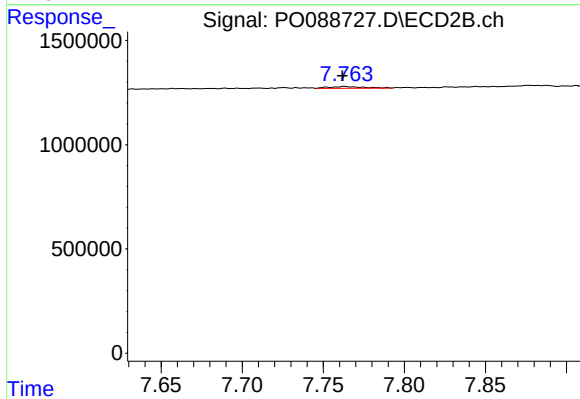
#42 AR-1268-2

R.T.: 7.553 min
Delta R.T.: -0.003 min
Response: 301014
Conc: 1.87 ng/ml



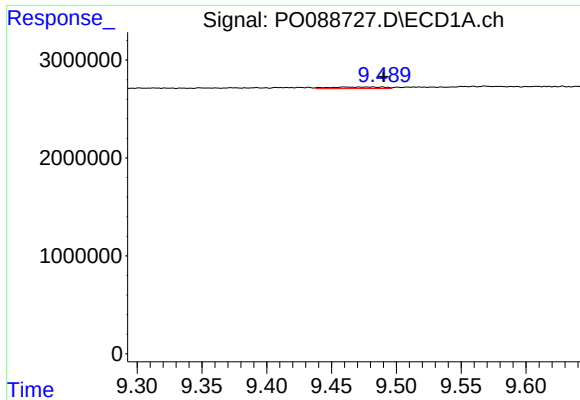
#43 AR-1268-3

R.T.: 9.045 min
Delta R.T.: -0.006 min
Response: 256967
Conc: 1.31 ng/ml



#43 AR-1268-3

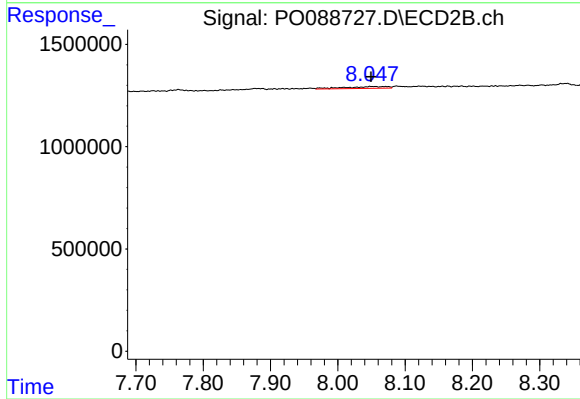
R.T.: 7.763 min
Delta R.T.: 0.002 min
Response: 125629
Conc: 0.91 ng/ml



#44 AR-1268-4

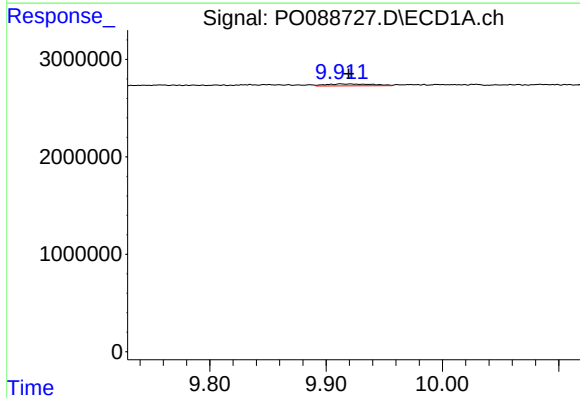
R.T.: 9.488 min
Delta R.T.: -0.002 min
Response: 460099
Conc: 5.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



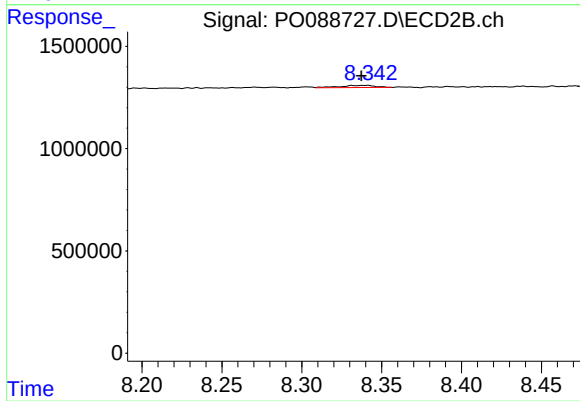
#44 AR-1268-4

R.T.: 8.071 min
Delta R.T.: 0.021 min
Response: 398801
Conc: 6.89 ng/ml



#45 AR-1268-5

R.T.: 9.914 min
Delta R.T.: -0.006 min
Response: 523256
Conc: 0.84 ng/ml



#45 AR-1268-5

R.T.: 8.332 min
Delta R.T.: -0.005 min
Response: 162332
Conc: 0.40 ng/ml