

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0080522\
 Data File : P0088692.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2022 21:08
 Operator : YP/AJ
 Sample : N3940-01
 Misc : AR1232 LOD 40 PPB
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 21:59:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\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...	4.436	3.594	64205991	24547160	23.803	22.681
2)	SA Decachlor...	10.271	8.585	45265293	27298627	23.457	22.525
Target Compounds							
3)	L1 AR-1016-1	5.612	4.673	1628747	722824	20.204	19.394
4)	L1 AR-1016-2	5.634	4.691	2419365	1020435	20.976	19.572
5)	L1 AR-1016-3	5.697	4.866	1528632	597477	21.153	20.421
6)	L1 AR-1016-4	5.797	4.910	1197203	535781	20.881	22.211
7)	L1 AR-1016-5	6.094	5.122	1186731	772238	20.689	23.677
8)	L2 AR-1221-1	4.643	3.806	1269464	347496	40.955	29.038 #
9)	L2 AR-1221-2	4.741	3.892	1822173	671545	78.814	74.351
10)	L2 AR-1221-3	4.808	3.967	3010747	1089673	42.903	38.345
11)	L3 AR-1232-1	4.808	3.967	3010747	1089673	54.200	48.125
12)	L3 AR-1232-2	5.147	4.691	1453814	1020435	52.436	44.197
13)	L3 AR-1232-3	5.634	4.866	2419365	597477	47.427	48.618
14)	L3 AR-1232-4	5.797	4.950	1197203	704974	47.867	59.813
15)	L3 AR-1232-5	5.887	5.122	1132589	772238	55.031	57.398
16)	L4 AR-1242-1	5.612	4.673	1628747	722824	24.234	23.575
17)	L4 AR-1242-2	5.634	4.691	2419365	1020435	25.069	23.684
18)	L4 AR-1242-3	5.697	4.866	1528632	597477	25.327	24.887
19)	L4 AR-1242-4	5.797	4.950	1197203	704974	24.836	27.961
20)	L4 AR-1242-5	6.538	5.472	1798486	688313	34.654	21.619 #
21)	L5 AR-1248-1	5.612	4.673	1628747	722824	31.570	30.784
22)	L5 AR-1248-2	5.887	4.910	1132589	535781	14.753	14.929
23)	L5 AR-1248-3	6.094	4.950	1186731	704974	14.367	18.515 #
24)	L5 AR-1248-4	6.498	5.122	1429213	772238	15.914	16.816
25)	L5 AR-1248-5	6.538	5.513	1798486	714237	20.289	16.359
26)	L6 AR-1254-1	6.472	5.472	1367778	688313	14.973	9.994 #
27)	L6 AR-1254-2	6.696	5.617	1502177	250370	10.985	4.228 #
28)	L6 AR-1254-3	7.063	6.024	1883396	267881	13.383	2.881 #
29)	L6 AR-1254-4	7.350	6.249	597388	125966	5.912	2.224 #
30)	L6 AR-1254-5	7.775	6.670	366831	184554	3.445	2.261 #
31)	L7 AR-1260-1	7.223	6.151	379327	185164	3.670	2.913
32)	L7 AR-1260-2	7.482	6.326	274931	640756	2.326	8.362 #
33)	L7 AR-1260-3	7.846	6.494	293991	309071	3.347	4.302 #
34)	L7 AR-1260-4	8.065	6.962	200621	165512	2.048	2.712 #
35)	L7 AR-1260-5	8.398	7.210	607031	245178	3.296	1.738 #
36)	L8 AR-1262-1	7.846	6.795	293991	124173	2.320	3.546 #
37)	L8 AR-1262-2	8.398	7.210	607031	245178	2.891	1.601 #
38)	L8 AR-1262-3	8.719	7.490	109492	239480	1.214	3.883 #
39)	L8 AR-1262-4	8.817	7.554	70482	264093	1.069	2.319 #
40)	L8 AR-1262-5	9.507	8.046	308519	438745	3.848	8.172 #
41)	L9 AR-1268-1	8.719	7.490	109492	239480	0.441	1.352 #

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 Data File : P0088692.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2022 21:08
 Operator : YP/AJ
 Sample : N3940-01
 Misc : AR1232 LOD 40 PPB
 ALS Vial : 60 Sample Multiplier: 1

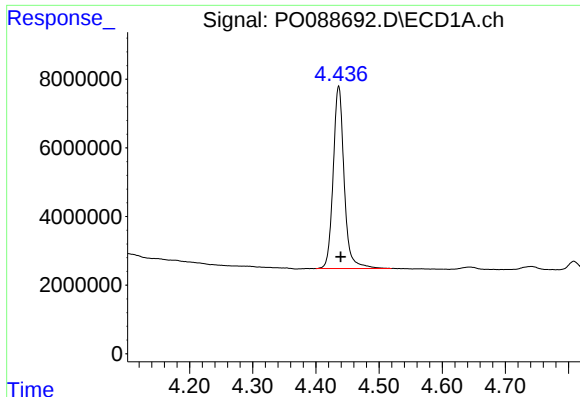
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 21:59:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080422.M
 Quant Title : GC EXTRACTABLES
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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
42) L9	AR-1268-2	8.817	7.554	70482	264093	0.310	1.645 #
43) L9	AR-1268-3	9.062	7.759	325260	458736	1.660	3.325 #
44) L9	AR-1268-4	9.507	8.046	308519	438745	3.543	7.580 #
45) L9	AR-1268-5	9.923	8.335	645515	479083	1.032	1.175

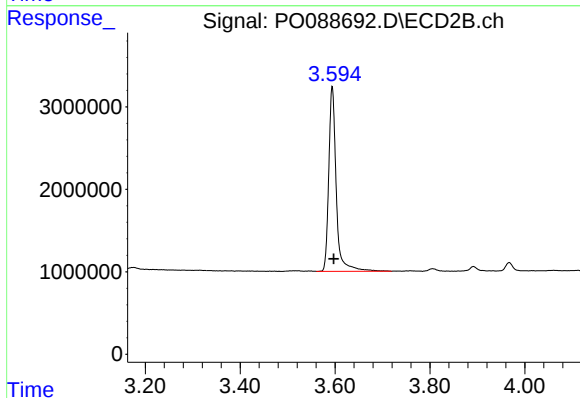
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

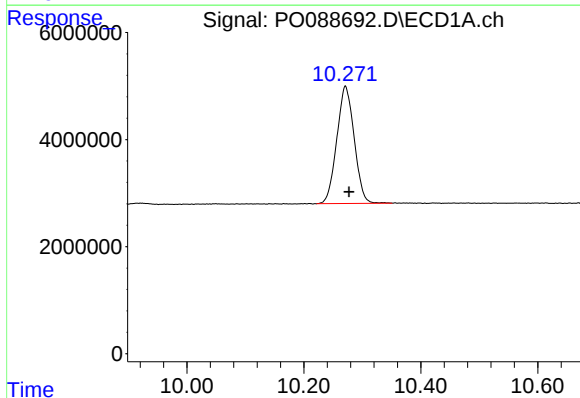
R.T.: 4.436 min
Delta R.T.: -0.003 min
Response: 64205991
Conc: 23.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



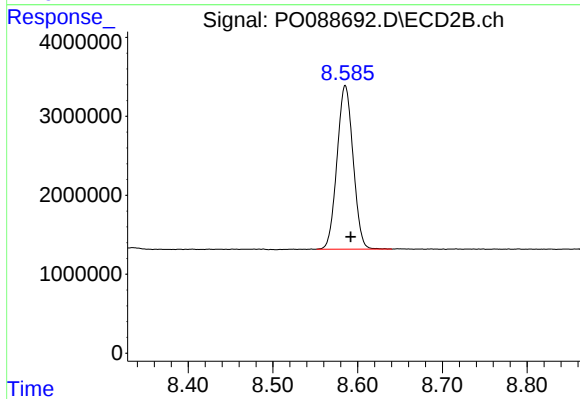
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: -0.003 min
Response: 24547160
Conc: 22.68 ng/ml



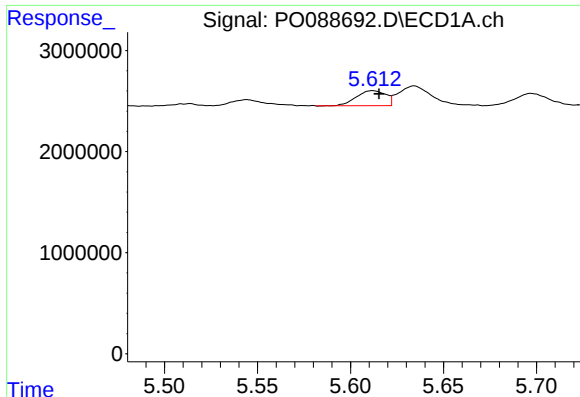
#2 Decachlorobiphenyl

R.T.: 10.271 min
Delta R.T.: -0.006 min
Response: 45265293
Conc: 23.46 ng/ml



#2 Decachlorobiphenyl

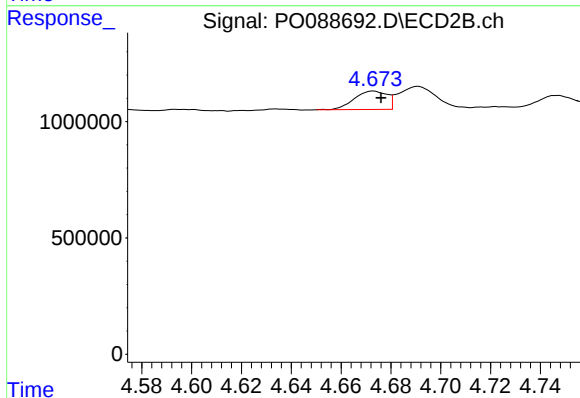
R.T.: 8.585 min
Delta R.T.: -0.006 min
Response: 27298627
Conc: 22.53 ng/ml



#3 AR-1016-1

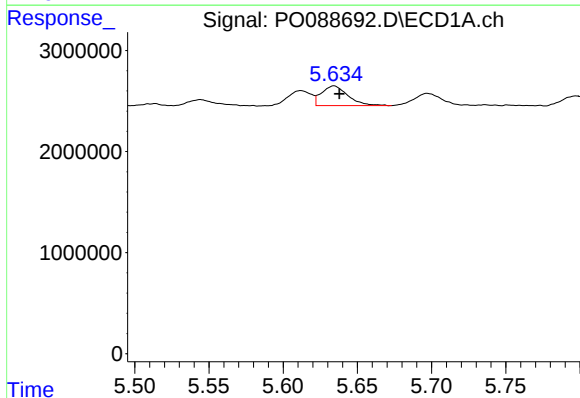
R.T.: 5.612 min
Delta R.T.: -0.003 min
Response: 1628747
Conc: 20.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



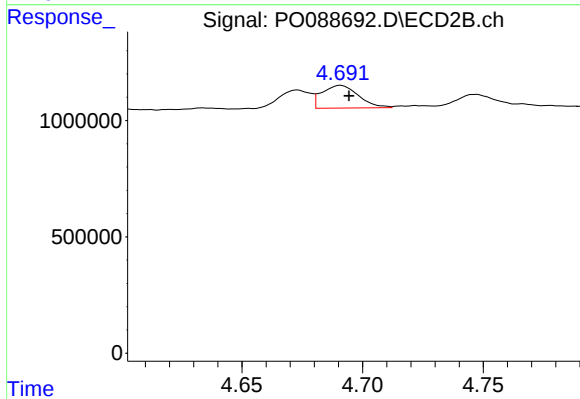
#3 AR-1016-1

R.T.: 4.673 min
Delta R.T.: -0.003 min
Response: 722824
Conc: 19.39 ng/ml



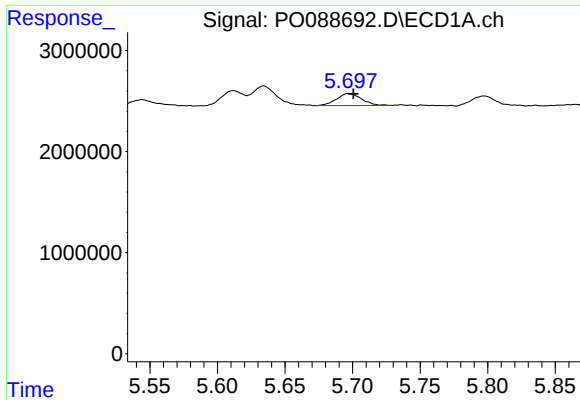
#4 AR-1016-2

R.T.: 5.634 min
Delta R.T.: -0.004 min
Response: 2419365
Conc: 20.98 ng/ml



#4 AR-1016-2

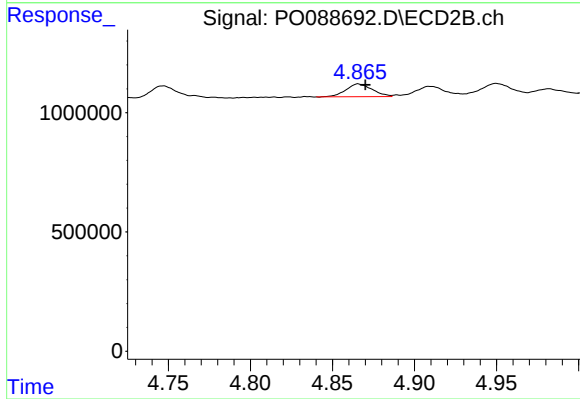
R.T.: 4.691 min
Delta R.T.: -0.004 min
Response: 1020435
Conc: 19.57 ng/ml



#5 AR-1016-3

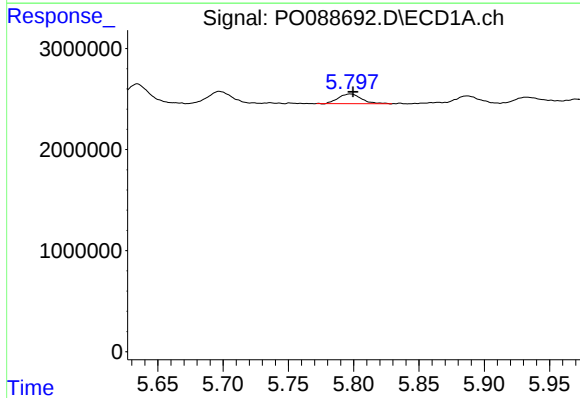
R.T.: 5.697 min
Delta R.T.: -0.003 min
Response: 1528632
Conc: 21.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



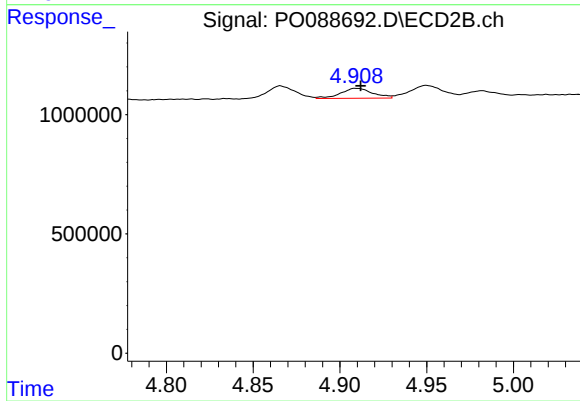
#5 AR-1016-3

R.T.: 4.866 min
Delta R.T.: -0.004 min
Response: 597477
Conc: 20.42 ng/ml



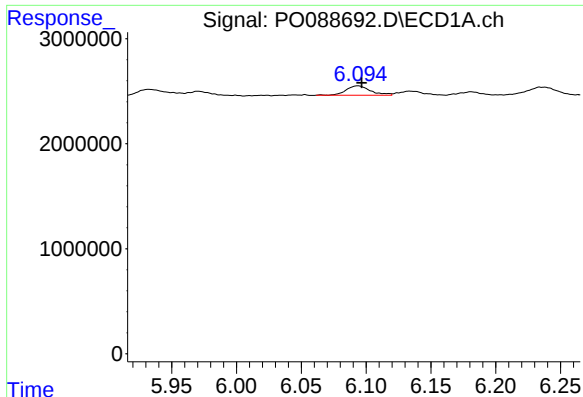
#6 AR-1016-4

R.T.: 5.797 min
Delta R.T.: -0.002 min
Response: 1197203
Conc: 20.88 ng/ml



#6 AR-1016-4

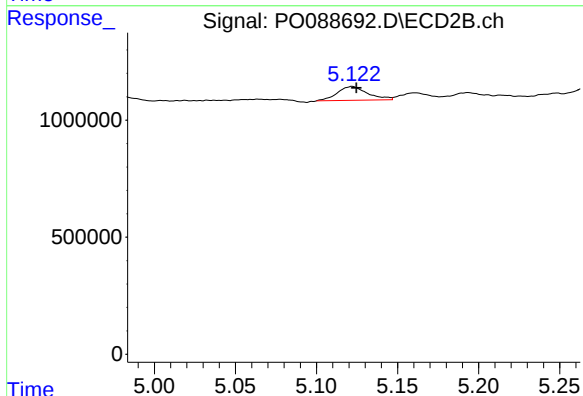
R.T.: 4.910 min
Delta R.T.: -0.002 min
Response: 535781
Conc: 22.21 ng/ml



#7 AR-1016-5

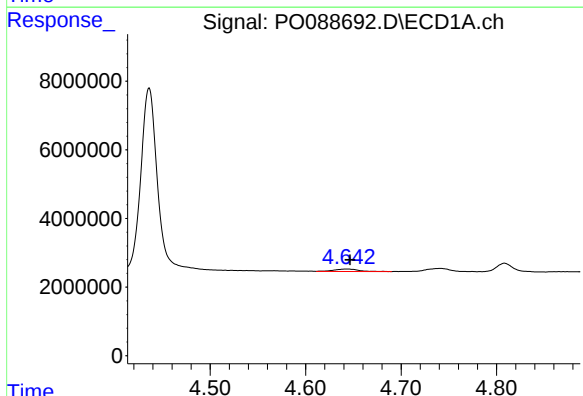
R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 1186731
Conc: 20.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



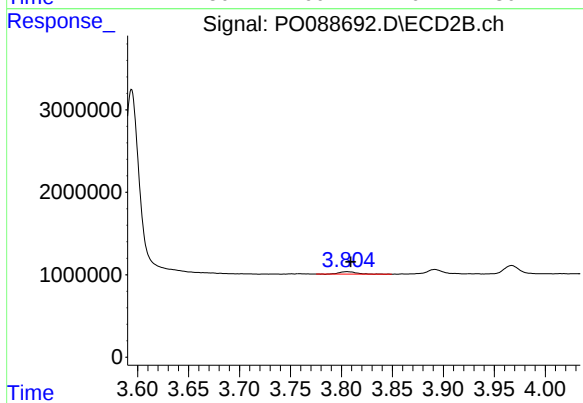
#7 AR-1016-5

R.T.: 5.122 min
Delta R.T.: -0.003 min
Response: 772238
Conc: 23.68 ng/ml



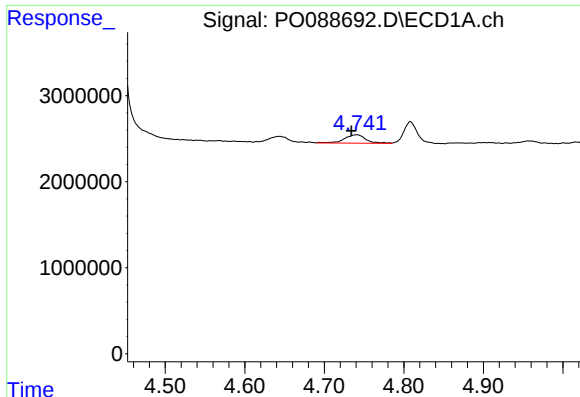
#8 AR-1221-1

R.T.: 4.643 min
Delta R.T.: -0.004 min
Response: 1269464
Conc: 40.95 ng/ml



#8 AR-1221-1

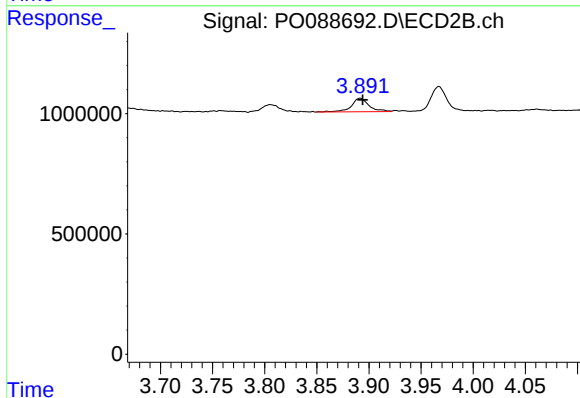
R.T.: 3.806 min
Delta R.T.: -0.004 min
Response: 347496
Conc: 29.04 ng/ml



#9 AR-1221-2

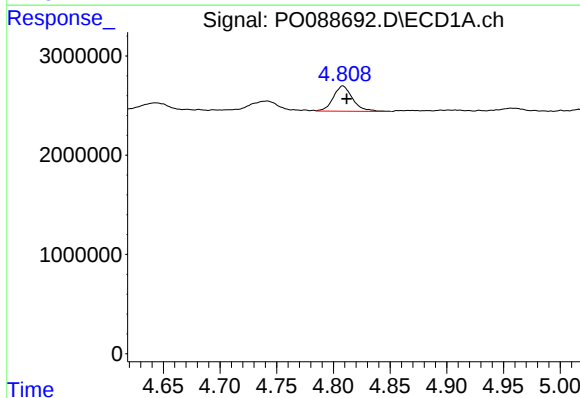
R.T.: 4.741 min
Delta R.T.: 0.007 min
Response: 1822173
Conc: 78.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



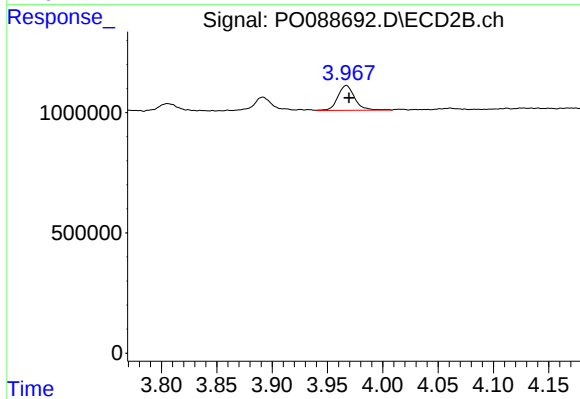
#9 AR-1221-2

R.T.: 3.892 min
Delta R.T.: -0.002 min
Response: 671545
Conc: 74.35 ng/ml



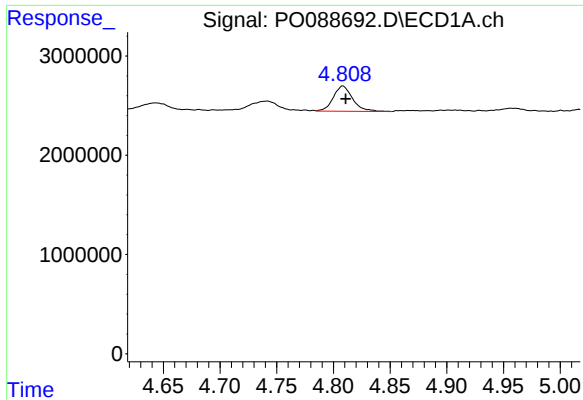
#10 AR-1221-3

R.T.: 4.808 min
Delta R.T.: -0.003 min
Response: 3010747
Conc: 42.90 ng/ml



#10 AR-1221-3

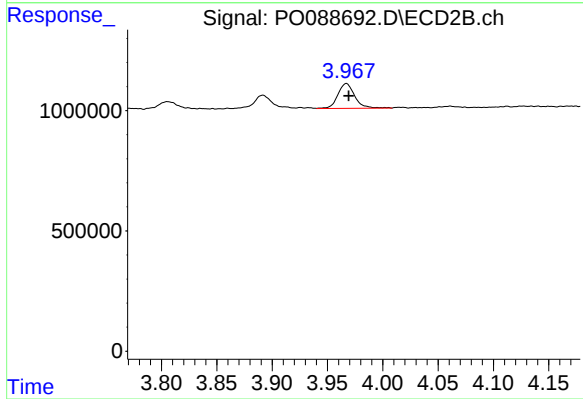
R.T.: 3.967 min
Delta R.T.: -0.002 min
Response: 1089673
Conc: 38.34 ng/ml



#11 AR-1232-1

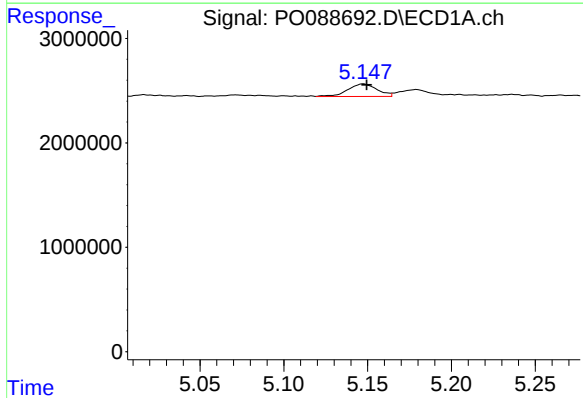
R.T.: 4.808 min
Delta R.T.: -0.003 min
Response: 3010747
Conc: 54.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



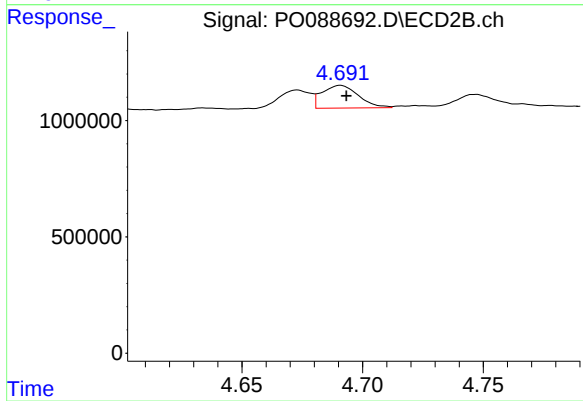
#11 AR-1232-1

R.T.: 3.967 min
Delta R.T.: -0.002 min
Response: 1089673
Conc: 48.12 ng/ml



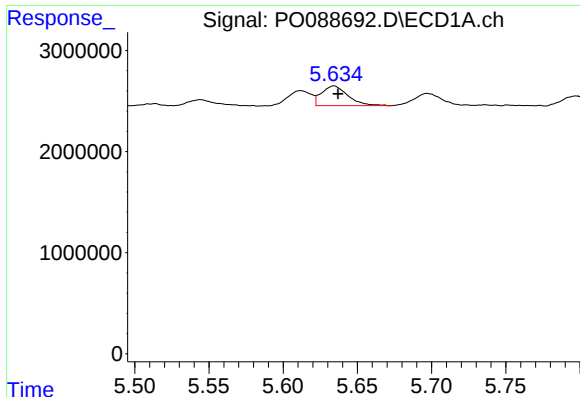
#12 AR-1232-2

R.T.: 5.147 min
Delta R.T.: -0.002 min
Response: 1453814
Conc: 52.44 ng/ml



#12 AR-1232-2

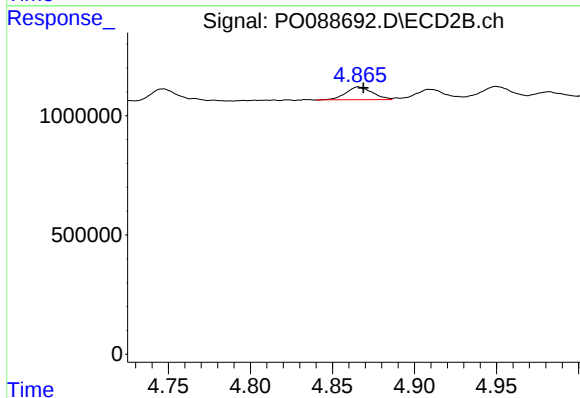
R.T.: 4.691 min
Delta R.T.: -0.002 min
Response: 1020435
Conc: 44.20 ng/ml



#13 AR-1232-3

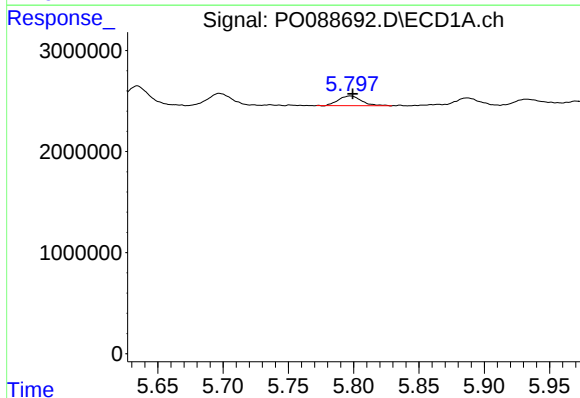
R.T.: 5.634 min
Delta R.T.: -0.003 min
Response: 2419365
Conc: 47.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



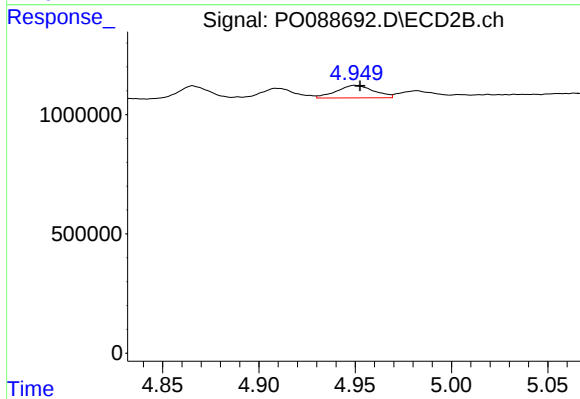
#13 AR-1232-3

R.T.: 4.866 min
Delta R.T.: -0.003 min
Response: 597477
Conc: 48.62 ng/ml



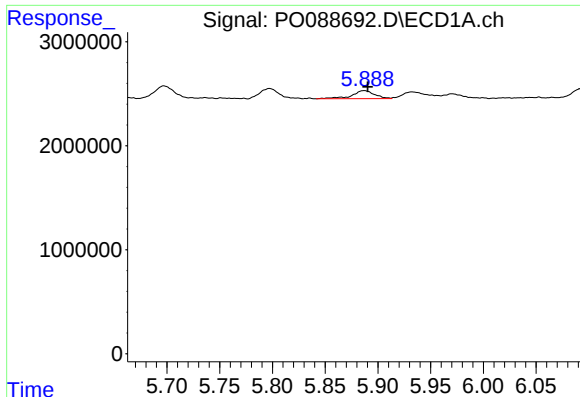
#14 AR-1232-4

R.T.: 5.797 min
Delta R.T.: -0.002 min
Response: 1197203
Conc: 47.87 ng/ml



#14 AR-1232-4

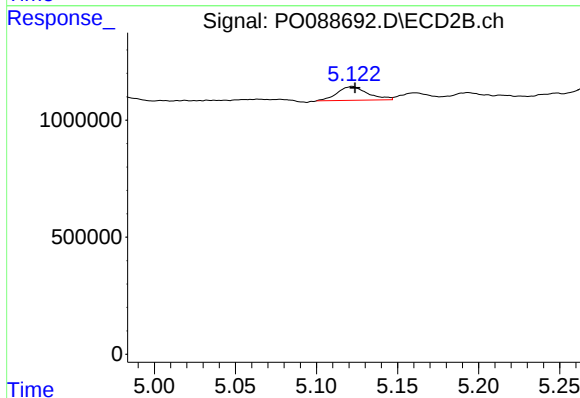
R.T.: 4.950 min
Delta R.T.: -0.003 min
Response: 704974
Conc: 59.81 ng/ml



#15 AR-1232-5

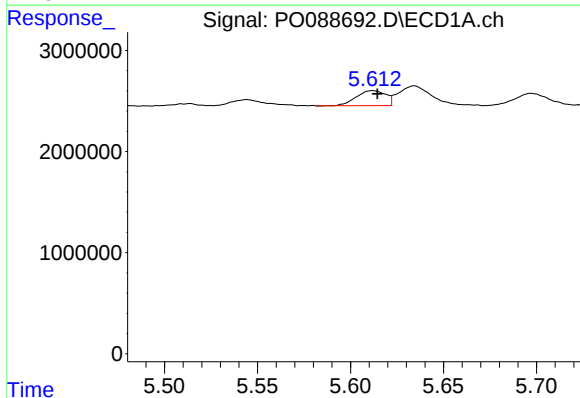
R.T.: 5.887 min
Delta R.T.: -0.004 min
Response: 1132589
Conc: 55.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



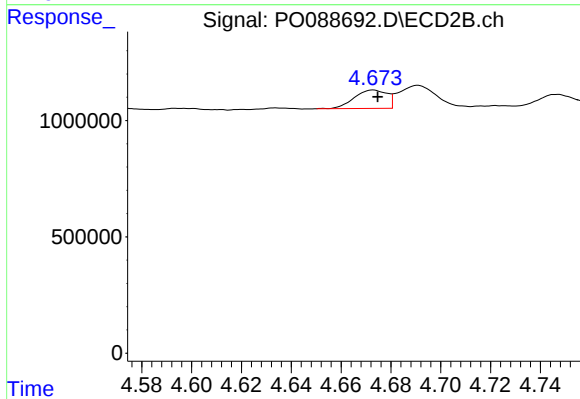
#15 AR-1232-5

R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 772238
Conc: 57.40 ng/ml



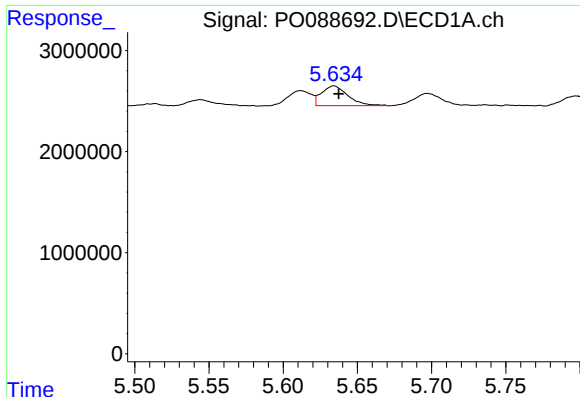
#16 AR-1242-1

R.T.: 5.612 min
Delta R.T.: -0.003 min
Response: 1628747
Conc: 24.23 ng/ml



#16 AR-1242-1

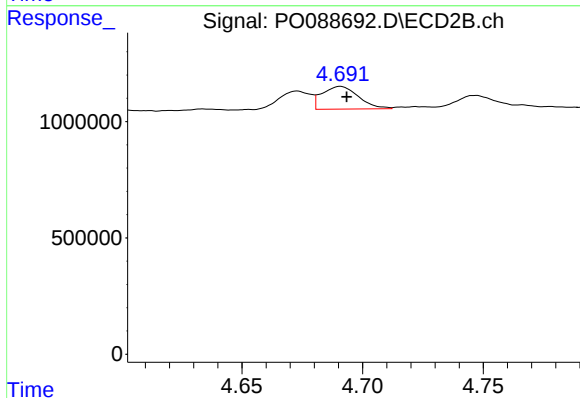
R.T.: 4.673 min
Delta R.T.: -0.002 min
Response: 722824
Conc: 23.58 ng/ml



#17 AR-1242-2

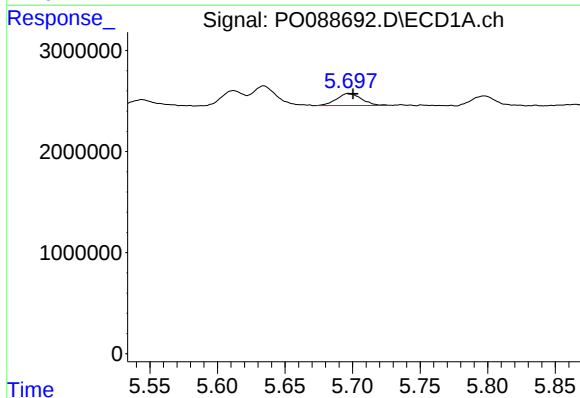
R.T.: 5.634 min
Delta R.T.: -0.003 min
Response: 2419365
Conc: 25.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



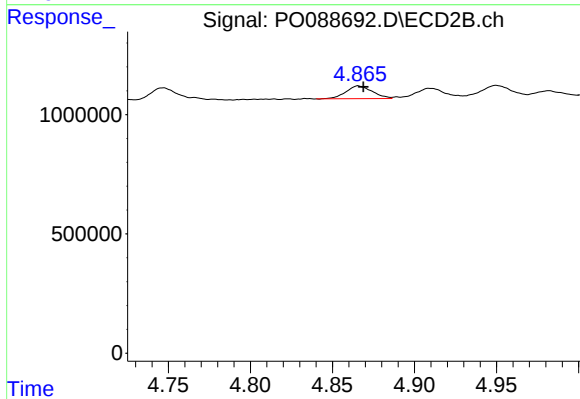
#17 AR-1242-2

R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 1020435
Conc: 23.68 ng/ml



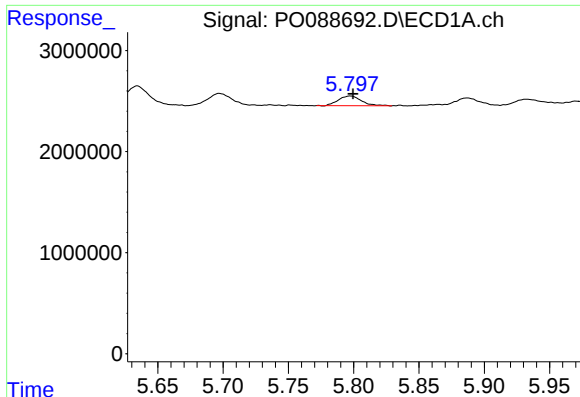
#18 AR-1242-3

R.T.: 5.697 min
Delta R.T.: -0.003 min
Response: 1528632
Conc: 25.33 ng/ml



#18 AR-1242-3

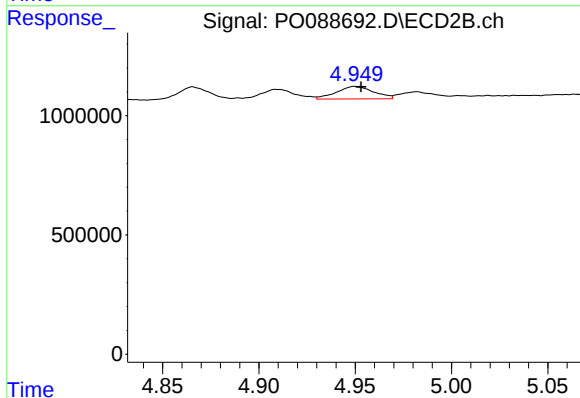
R.T.: 4.866 min
Delta R.T.: -0.003 min
Response: 597477
Conc: 24.89 ng/ml



#19 AR-1242-4

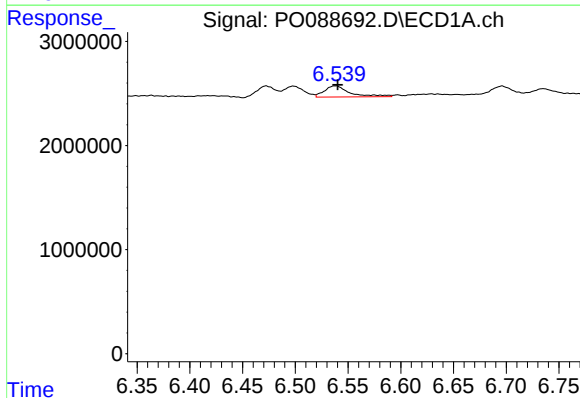
R.T.: 5.797 min
Delta R.T.: -0.002 min
Response: 1197203
Conc: 24.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



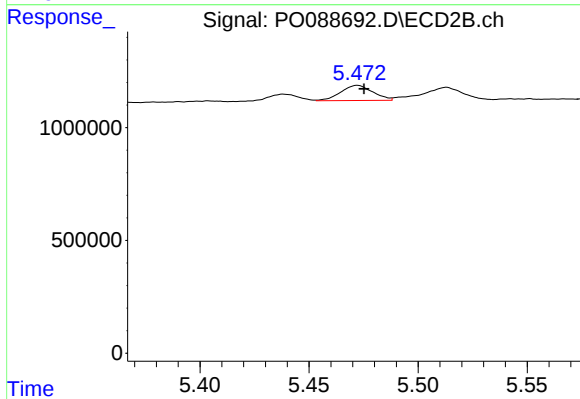
#19 AR-1242-4

R.T.: 4.950 min
Delta R.T.: -0.003 min
Response: 704974
Conc: 27.96 ng/ml



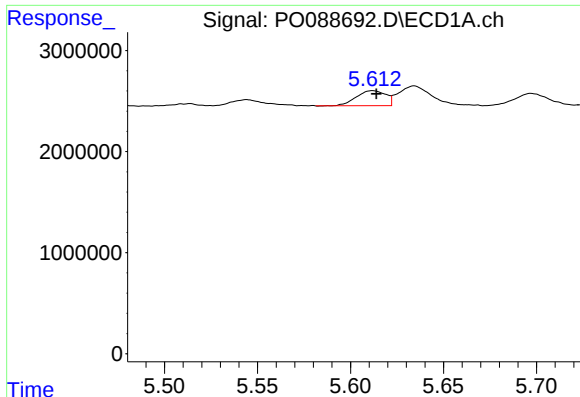
#20 AR-1242-5

R.T.: 6.538 min
Delta R.T.: -0.002 min
Response: 1798486
Conc: 34.65 ng/ml



#20 AR-1242-5

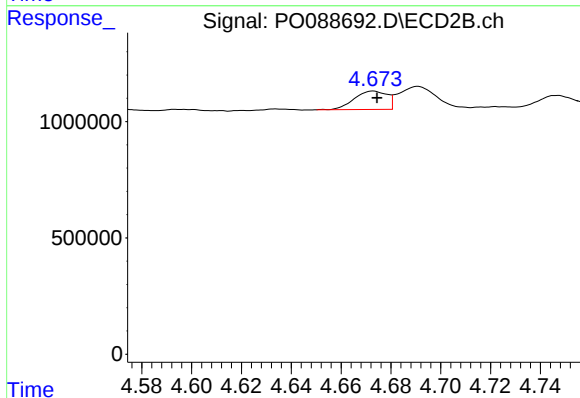
R.T.: 5.472 min
Delta R.T.: -0.003 min
Response: 688313
Conc: 21.62 ng/ml



#21 AR-1248-1

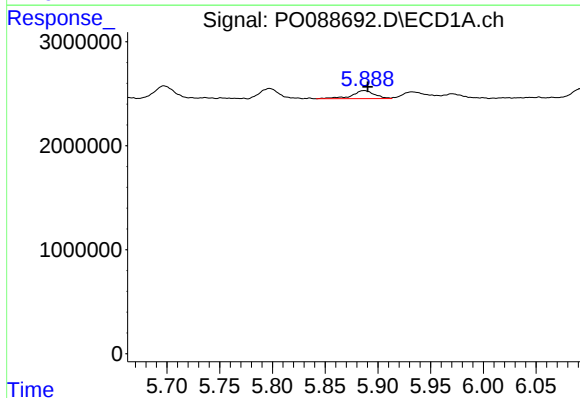
R.T.: 5.612 min
Delta R.T.: -0.002 min
Response: 1628747
Conc: 31.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



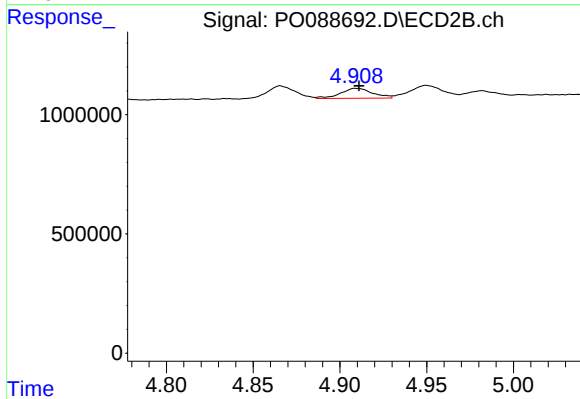
#21 AR-1248-1

R.T.: 4.673 min
Delta R.T.: -0.002 min
Response: 722824
Conc: 30.78 ng/ml



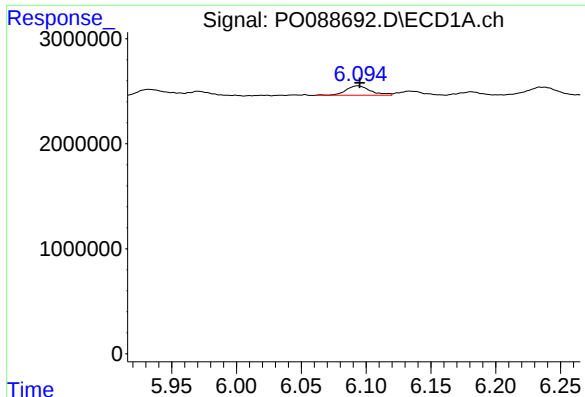
#22 AR-1248-2

R.T.: 5.887 min
Delta R.T.: -0.003 min
Response: 1132589
Conc: 14.75 ng/ml



#22 AR-1248-2

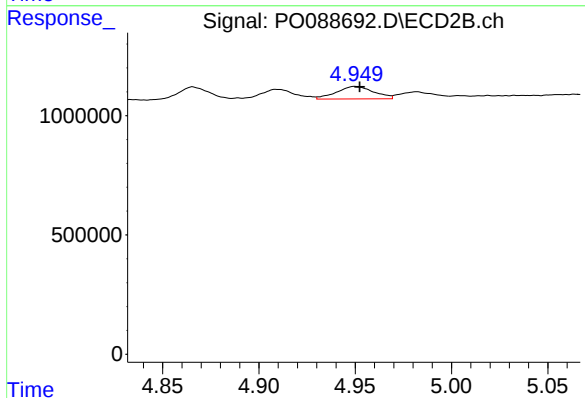
R.T.: 4.910 min
Delta R.T.: -0.001 min
Response: 535781
Conc: 14.93 ng/ml



#23 AR-1248-3

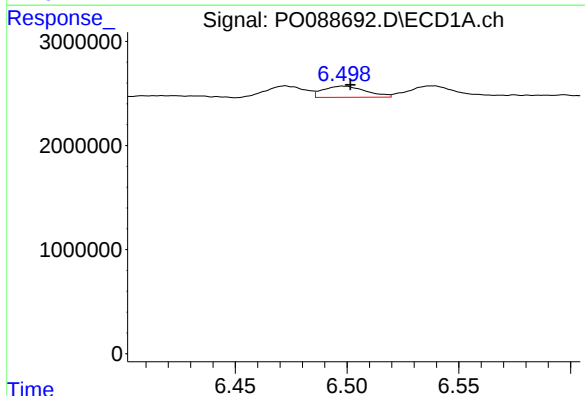
R.T.: 6.094 min
Delta R.T.: -0.002 min
Response: 1186731
Conc: 14.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



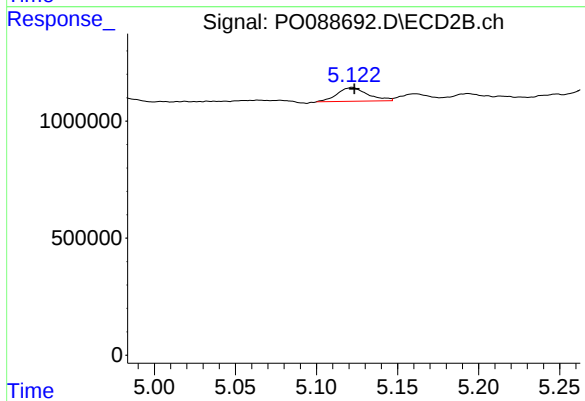
#23 AR-1248-3

R.T.: 4.950 min
Delta R.T.: -0.002 min
Response: 704974
Conc: 18.51 ng/ml



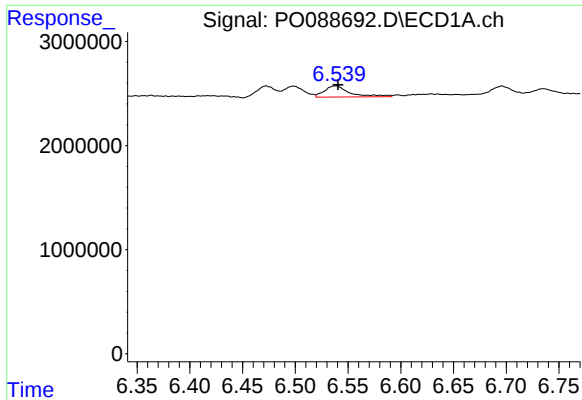
#24 AR-1248-4

R.T.: 6.498 min
Delta R.T.: -0.003 min
Response: 1429213
Conc: 15.91 ng/ml



#24 AR-1248-4

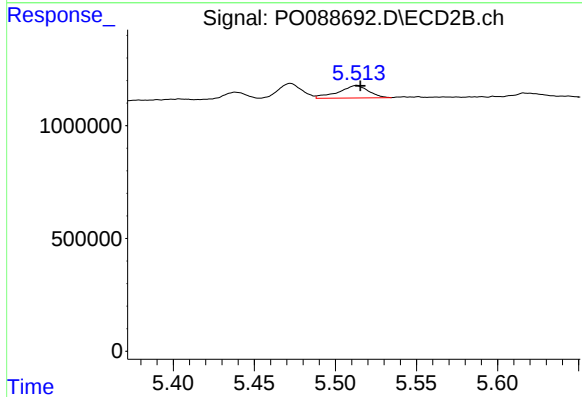
R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 772238
Conc: 16.82 ng/ml



#25 AR-1248-5

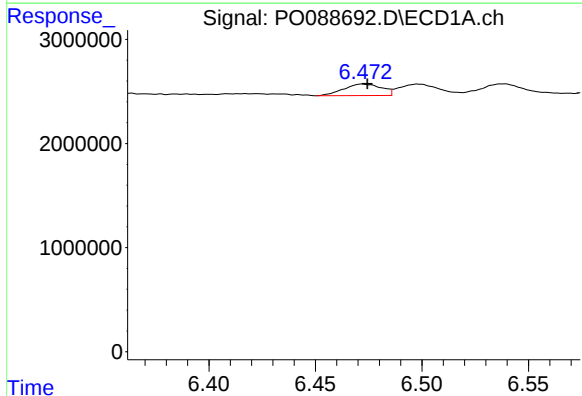
R.T.: 6.538 min
Delta R.T.: -0.003 min
Response: 1798486
Conc: 20.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



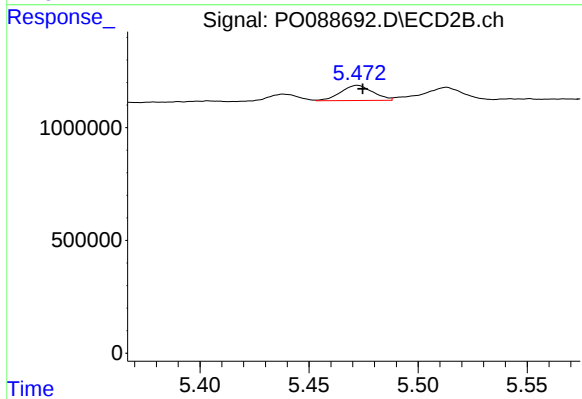
#25 AR-1248-5

R.T.: 5.513 min
Delta R.T.: -0.002 min
Response: 714237
Conc: 16.36 ng/ml



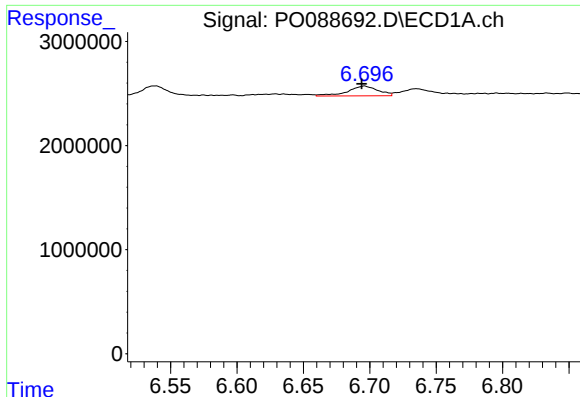
#26 AR-1254-1

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 1367778
Conc: 14.97 ng/ml



#26 AR-1254-1

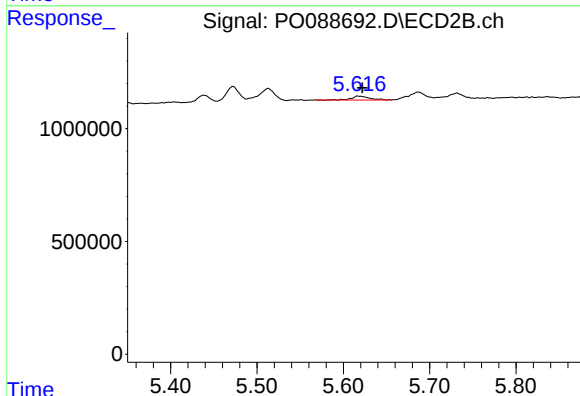
R.T.: 5.472 min
Delta R.T.: -0.002 min
Response: 688313
Conc: 9.99 ng/ml



#27 AR-1254-2

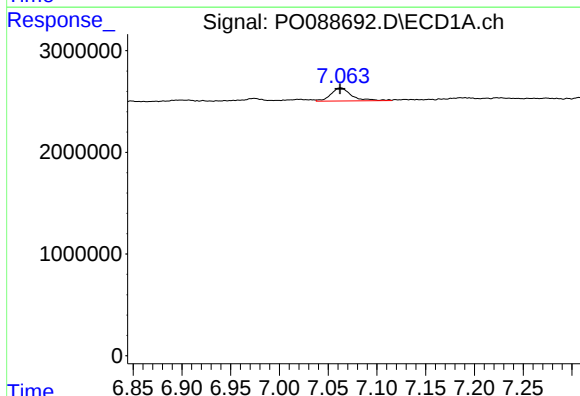
R.T.: 6.696 min
Delta R.T.: 0.002 min
Response: 1502177
Conc: 10.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



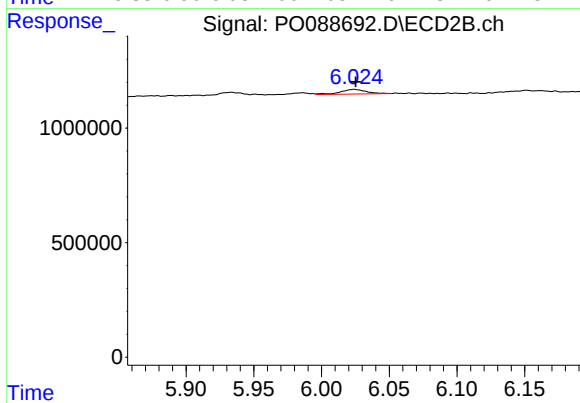
#27 AR-1254-2

R.T.: 5.617 min
Delta R.T.: -0.005 min
Response: 250370
Conc: 4.23 ng/ml



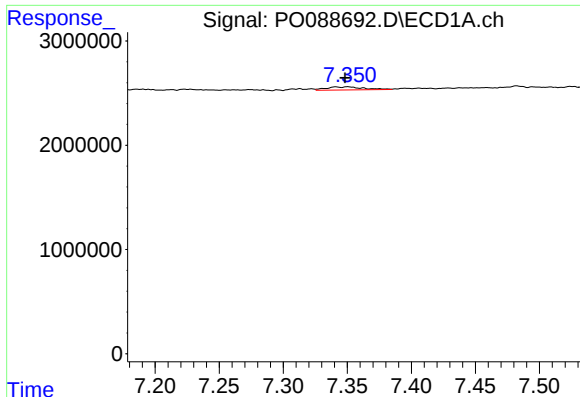
#28 AR-1254-3

R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 1883396
Conc: 13.38 ng/ml



#28 AR-1254-3

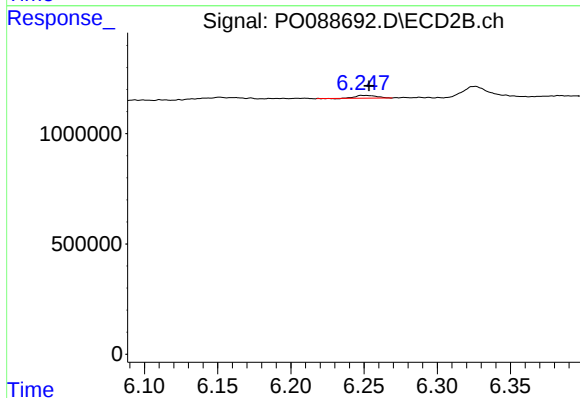
R.T.: 6.024 min
Delta R.T.: -0.001 min
Response: 267881
Conc: 2.88 ng/ml



#29 AR-1254-4

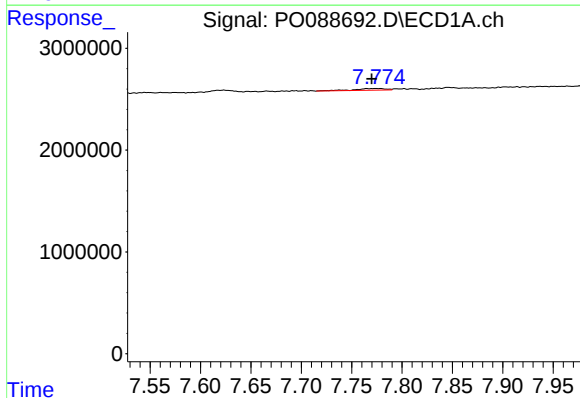
R.T.: 7.350 min
Delta R.T.: 0.002 min
Response: 597388
Conc: 5.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



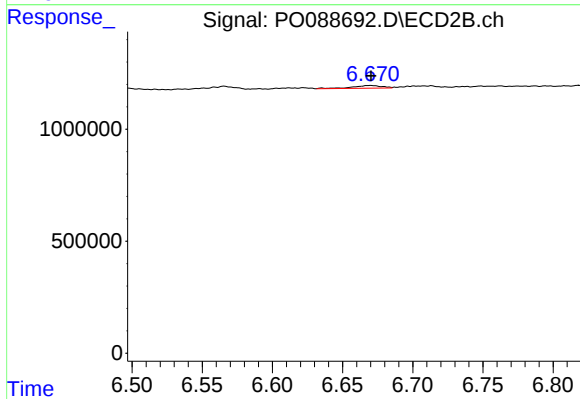
#29 AR-1254-4

R.T.: 6.249 min
Delta R.T.: -0.004 min
Response: 125966
Conc: 2.22 ng/ml



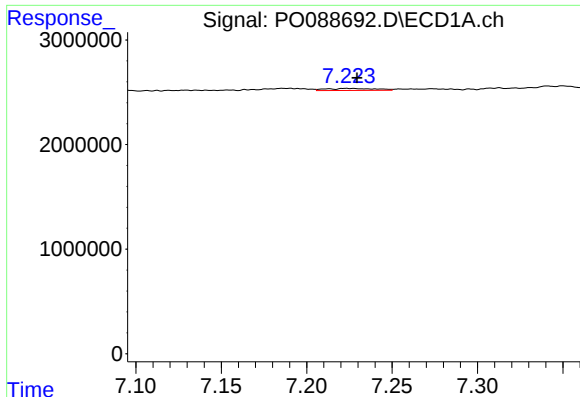
#30 AR-1254-5

R.T.: 7.775 min
Delta R.T.: 0.005 min
Response: 366831
Conc: 3.44 ng/ml



#30 AR-1254-5

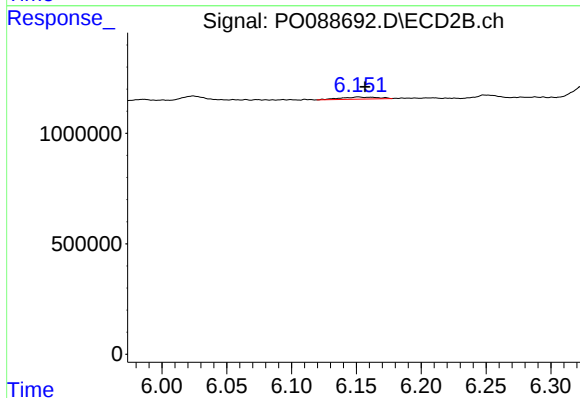
R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 184554
Conc: 2.26 ng/ml



#31 AR-1260-1

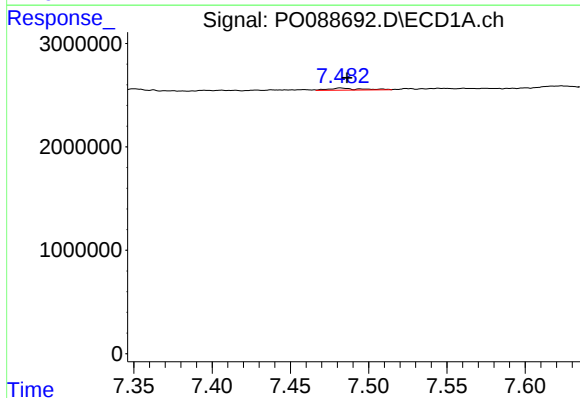
R.T.: 7.223 min
Delta R.T.: -0.007 min
Response: 379327
Conc: 3.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



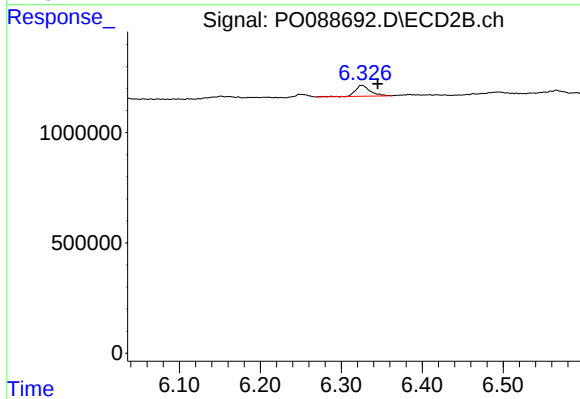
#31 AR-1260-1

R.T.: 6.151 min
Delta R.T.: -0.005 min
Response: 185164
Conc: 2.91 ng/ml



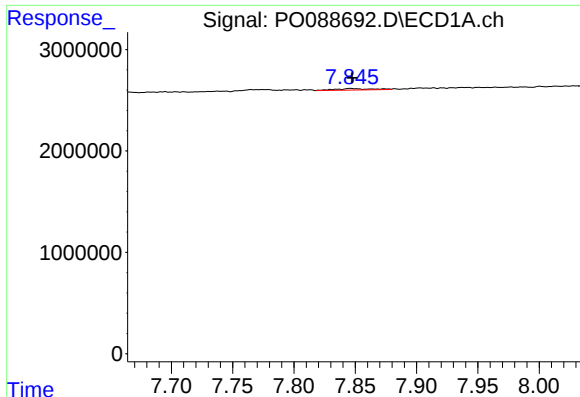
#32 AR-1260-2

R.T.: 7.482 min
Delta R.T.: -0.004 min
Response: 274931
Conc: 2.33 ng/ml



#32 AR-1260-2

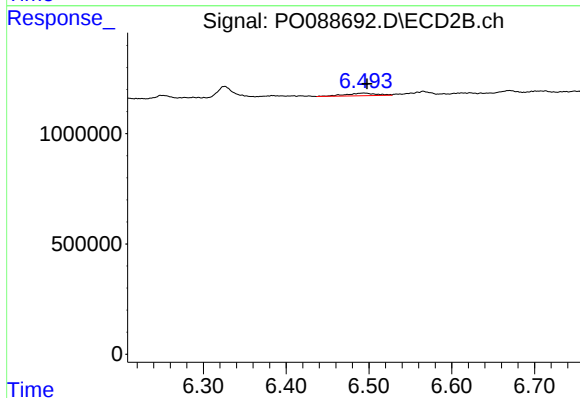
R.T.: 6.326 min
Delta R.T.: -0.020 min
Response: 640756
Conc: 8.36 ng/ml



#33 AR-1260-3

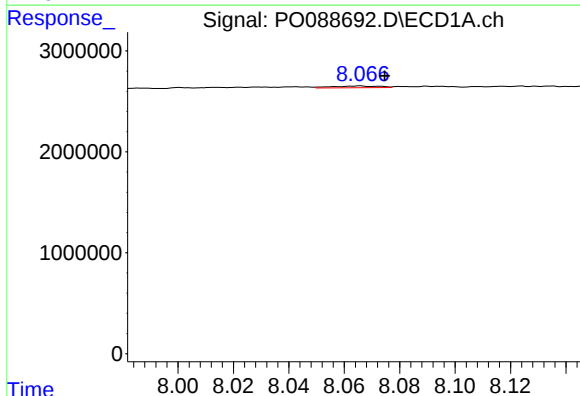
R.T.: 7.846 min
Delta R.T.: -0.001 min
Response: 293991
Conc: 3.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



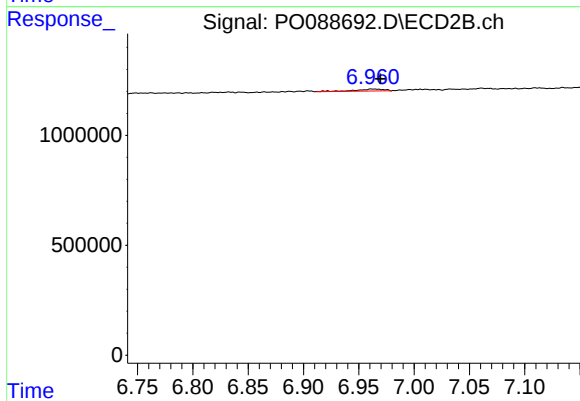
#33 AR-1260-3

R.T.: 6.494 min
Delta R.T.: -0.004 min
Response: 309071
Conc: 4.30 ng/ml



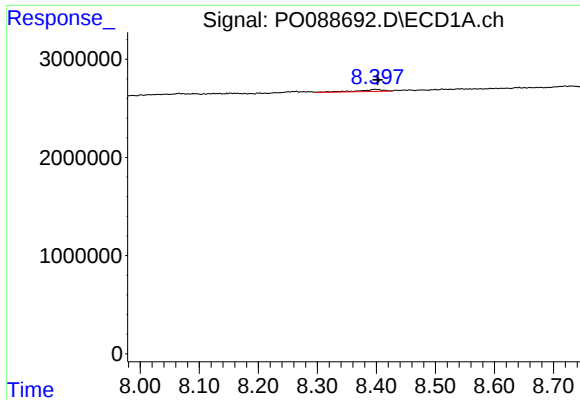
#34 AR-1260-4

R.T.: 8.065 min
Delta R.T.: -0.009 min
Response: 200621
Conc: 2.05 ng/ml



#34 AR-1260-4

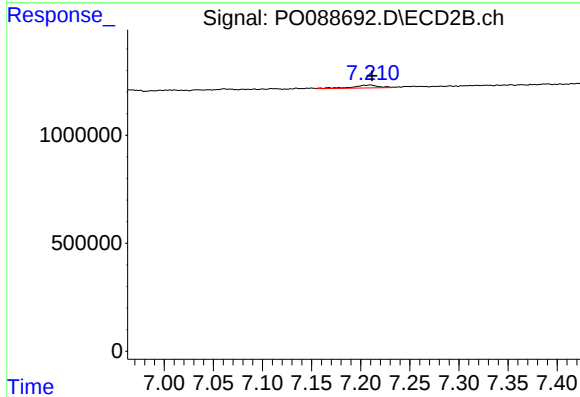
R.T.: 6.962 min
Delta R.T.: -0.008 min
Response: 165512
Conc: 2.71 ng/ml



#35 AR-1260-5

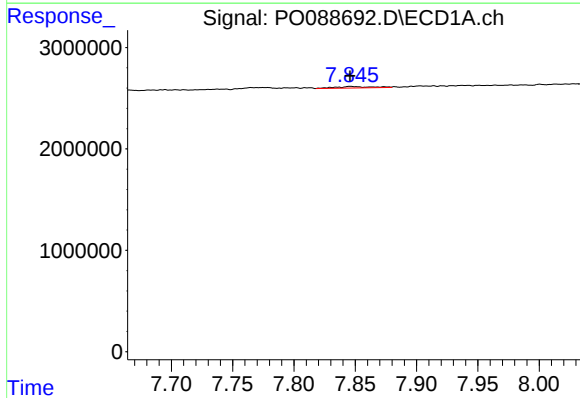
R.T.: 8.398 min
Delta R.T.: -0.005 min
Response: 607031
Conc: 3.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



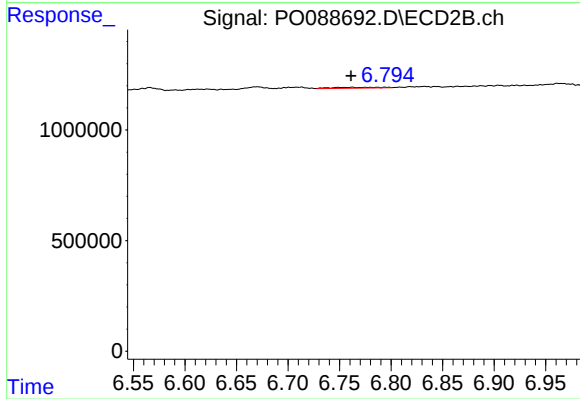
#35 AR-1260-5

R.T.: 7.210 min
Delta R.T.: -0.002 min
Response: 245178
Conc: 1.74 ng/ml



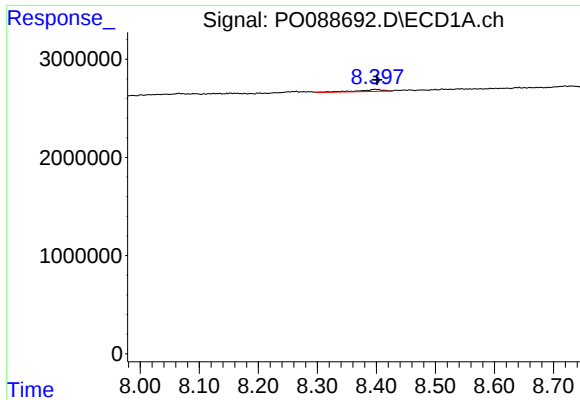
#36 AR-1262-1

R.T.: 7.846 min
Delta R.T.: 0.000 min
Response: 293991
Conc: 2.32 ng/ml



#36 AR-1262-1

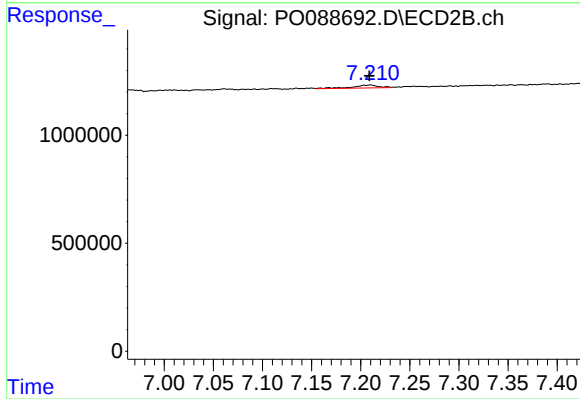
R.T.: 6.795 min
Delta R.T.: 0.034 min
Response: 124173
Conc: 3.55 ng/ml



#37 AR-1262-2

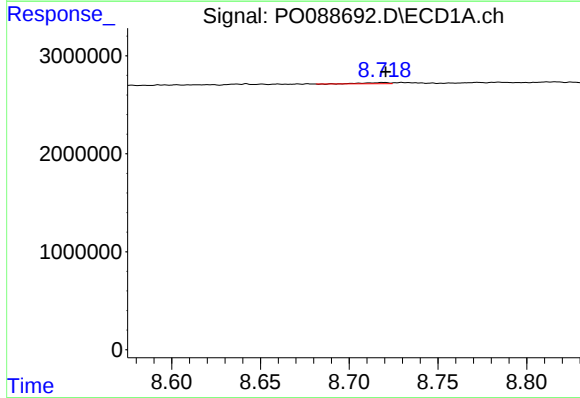
R.T.: 8.398 min
Delta R.T.: -0.003 min
Response: 607031
Conc: 2.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



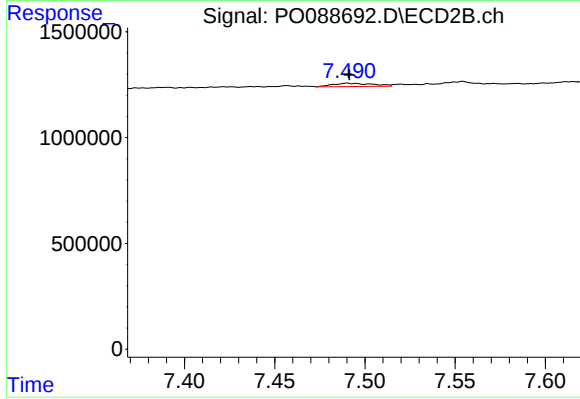
#37 AR-1262-2

R.T.: 7.210 min
Delta R.T.: 0.000 min
Response: 245178
Conc: 1.60 ng/ml



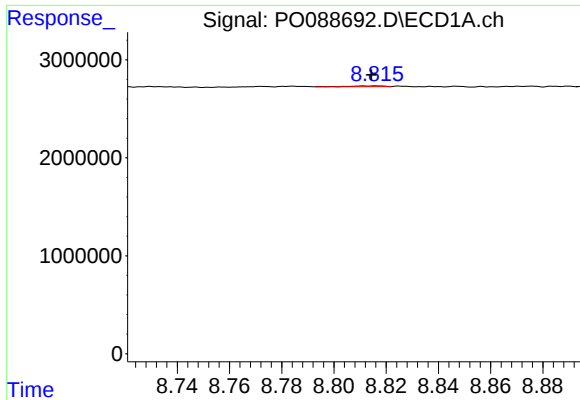
#38 AR-1262-3

R.T.: 8.719 min
Delta R.T.: -0.001 min
Response: 109492
Conc: 1.21 ng/ml



#38 AR-1262-3

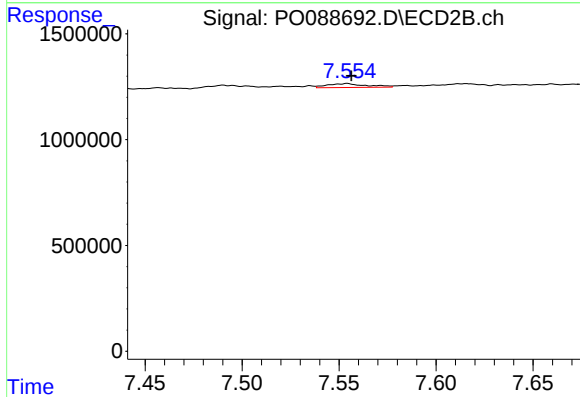
R.T.: 7.490 min
Delta R.T.: -0.001 min
Response: 239480
Conc: 3.88 ng/ml



#39 AR-1262-4

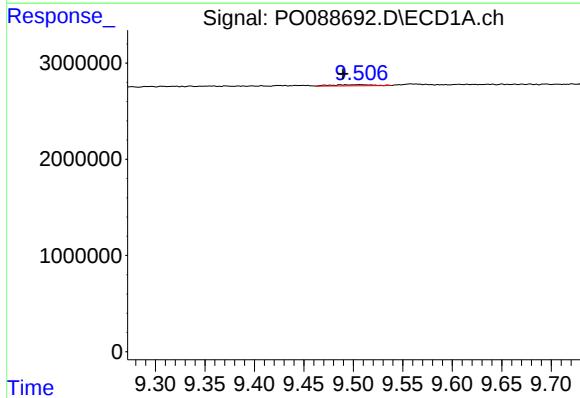
R.T.: 8.817 min
Delta R.T.: 0.002 min
Response: 70482
Conc: 1.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



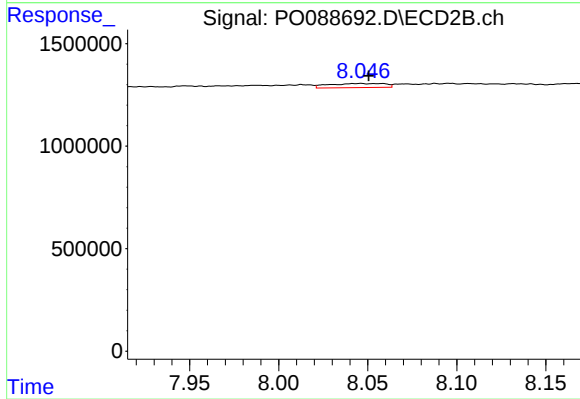
#39 AR-1262-4

R.T.: 7.554 min
Delta R.T.: -0.002 min
Response: 264093
Conc: 2.32 ng/ml



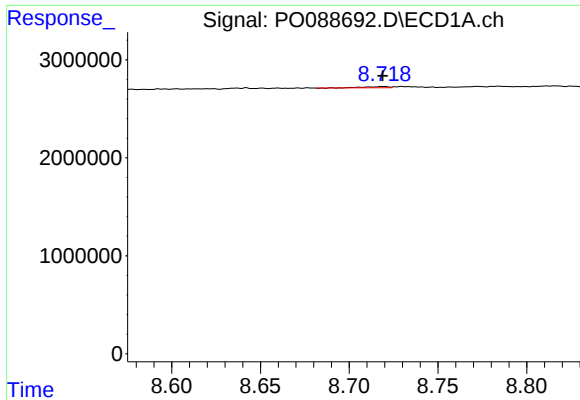
#40 AR-1262-5

R.T.: 9.507 min
Delta R.T.: 0.017 min
Response: 308519
Conc: 3.85 ng/ml



#40 AR-1262-5

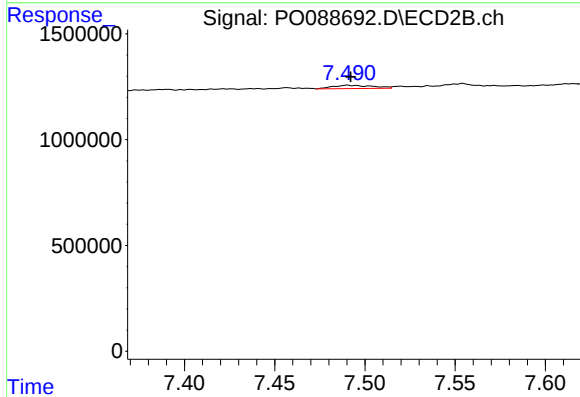
R.T.: 8.046 min
Delta R.T.: -0.005 min
Response: 438745
Conc: 8.17 ng/ml



#41 AR-1268-1

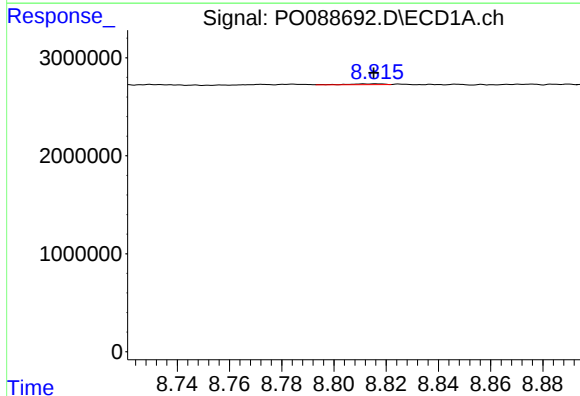
R.T.: 8.719 min
Delta R.T.: 0.000 min
Response: 109492
Conc: 0.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



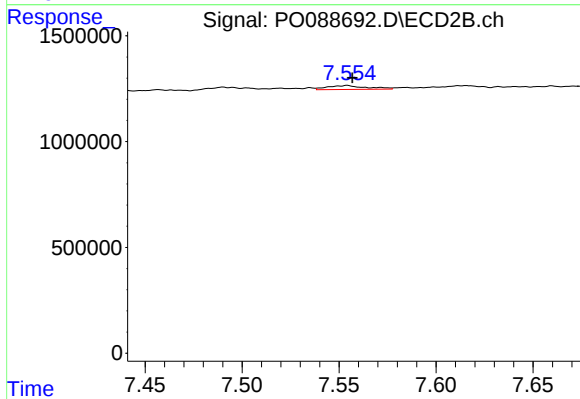
#41 AR-1268-1

R.T.: 7.490 min
Delta R.T.: -0.002 min
Response: 239480
Conc: 1.35 ng/ml



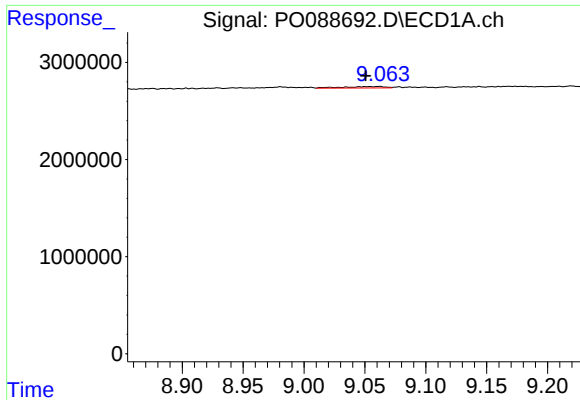
#42 AR-1268-2

R.T.: 8.817 min
Delta R.T.: 0.001 min
Response: 70482
Conc: 0.31 ng/ml



#42 AR-1268-2

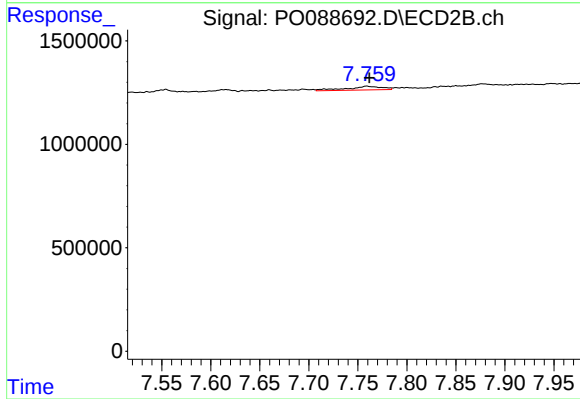
R.T.: 7.554 min
Delta R.T.: -0.003 min
Response: 264093
Conc: 1.64 ng/ml



#43 AR-1268-3

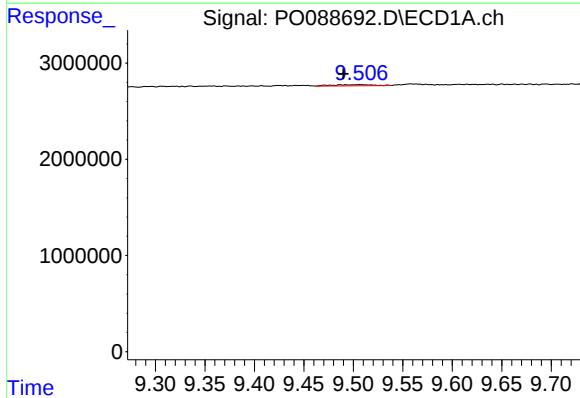
R.T.: 9.062 min
Delta R.T.: 0.011 min
Response: 325260
Conc: 1.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



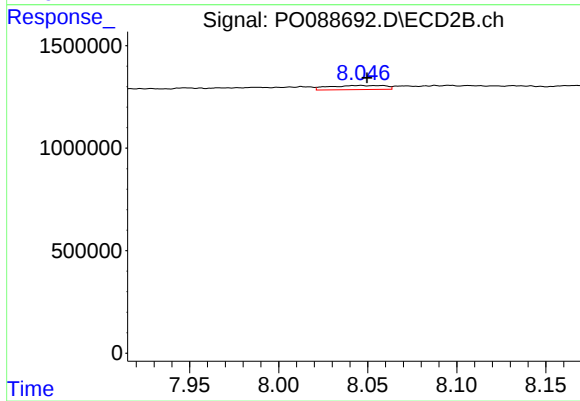
#43 AR-1268-3

R.T.: 7.759 min
Delta R.T.: -0.003 min
Response: 458736
Conc: 3.33 ng/ml



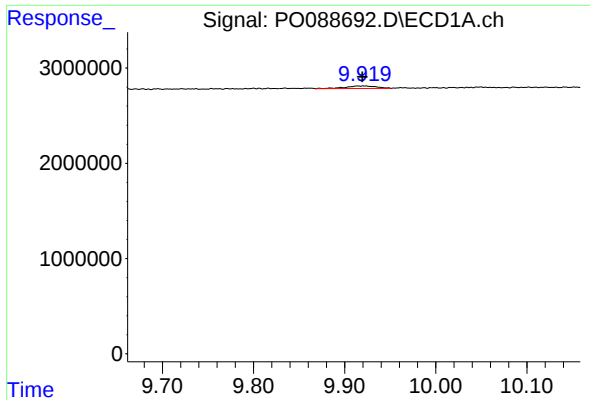
#44 AR-1268-4

R.T.: 9.507 min
Delta R.T.: 0.017 min
Response: 308519
Conc: 3.54 ng/ml



#44 AR-1268-4

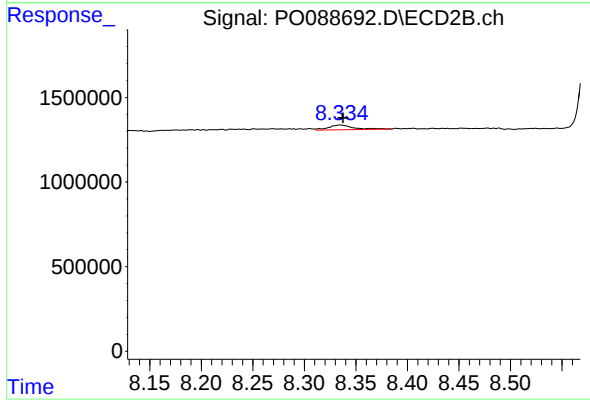
R.T.: 8.046 min
Delta R.T.: -0.004 min
Response: 438745
Conc: 7.58 ng/ml



#45 AR-1268-5

R.T.: 9.923 min
Delta R.T.: 0.003 min
Response: 645515
Conc: 1.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.335 min
Delta R.T.: -0.003 min
Response: 479083
Conc: 1.17 ng/ml