

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012023\
 Data File : PP054781.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2023 21:43
 Operator : YP\AJ
 Sample : 01232-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 05:51:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 18 04:34:06 2023
 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...	4.333	3.580	38349821	30727093	20.886	19.196
2)	SA Decachlor...	10.094	8.599	23290789	23589624	17.352	16.473
Target Compounds							
3)	L1 AR-1016-1	5.506	4.666	894037	975353	13.805	19.364 #
4)	L1 AR-1016-2	5.527	4.684	1352576	1230438	14.314	17.236
5)	L1 AR-1016-3	5.589	4.861	472193	583152	7.918	14.978 #
6)	L1 AR-1016-4	5.688	4.904	241306	535063	5.078	15.754 #
7)	L1 AR-1016-5	5.984	5.110	316805	468430	6.544	10.691 #
8)	L2 AR-1221-1	4.539	3.800	435948	303163	19.049	15.322
9)	L2 AR-1221-2	4.639	3.878	763969	1084802	43.408	72.213 #
10)	L2 AR-1221-3	4.707	3.955	460292	396408	8.660	8.625
11)	L3 AR-1232-1	4.707	3.955	460292	396408	10.356	10.275
12)	L3 AR-1232-2	5.236	4.684	1435400	1230438	59.543	37.640 #
13)	L3 AR-1232-3	5.527	4.861	1352576	583152	31.382	33.910
14)	L3 AR-1232-4	5.688	4.946	241306	577518	11.243	33.338 #
15)	L3 AR-1232-5	5.781	5.110	557648	468430	32.411	24.751
16)	L4 AR-1242-1	5.506	4.666	894037	975353	16.535	23.118 #
17)	L4 AR-1242-2	5.527	4.684	1352576	1230438	17.336	20.956
18)	L4 AR-1242-3	5.589	4.861	472193	583152	9.612	18.179 #
19)	L4 AR-1242-4	5.688	4.946	241306	577518	6.083	16.460 #
20)	L4 AR-1242-5	6.447f	5.471	1625695	1084639	45.058	28.535 #
21)	L5 AR-1248-1	5.506	4.666	894037	975353	22.450	31.172 #
22)	L5 AR-1248-2	5.781	4.904	557648	535063	9.395	11.145
23)	L5 AR-1248-3	5.984	4.946	316805	577518	4.801	11.365 #
24)	L5 AR-1248-4	6.395	5.110	437950	468430	6.554	7.879
25)	L5 AR-1248-5	6.447f	5.513	1625695	640055	25.004	12.597 #
26)	L6 AR-1254-1	6.360	5.471	673063	1084639	9.523	12.757 #
27)	L6 AR-1254-2	6.582	5.637f	1129462	3201396	11.800	43.995 #
28)	L6 AR-1254-3	6.961	6.042f	2453394	3027060	28.277	26.747
29)	L6 AR-1254-4	7.236	6.250	203473	693978	3.248	11.150 #
30)	L6 AR-1254-5	7.680f	6.671	4897313	4376762	69.983	46.183 #
31)	L7 AR-1260-1	7.117	6.154	690373	1106184	10.051	13.324 #
32)	L7 AR-1260-2	7.364	6.343	7904152	509843	98.839	5.539 #
33)	L7 AR-1260-3	7.736	6.497	286020	519318	4.748	5.778
34)	L7 AR-1260-4	7.964	6.970	993738	338953	14.203	4.503 #
35)	L7 AR-1260-5	8.278	7.213	599181	658388	4.599	4.143
36)	L8 AR-1262-1	7.736	6.764	286020	165129	3.494	3.893
37)	L8 AR-1262-2	8.278	6.970	599181	338953	4.232	3.687
38)	L8 AR-1262-3	8.594	7.498	187132	333565	1.815	4.643 #
39)	L8 AR-1262-4	8.685	7.561	245903	576911	4.946	4.461
40)	L8 AR-1262-5	9.337	8.056	-25224	86395	N.D.	1.450 #
41)	L9 AR-1268-1	8.594	7.498	187132	333565	1.015	1.543 #

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 Acq On : 20 Jan 2023 21:43
 Operator : YP\AJ
 Sample : 01232-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

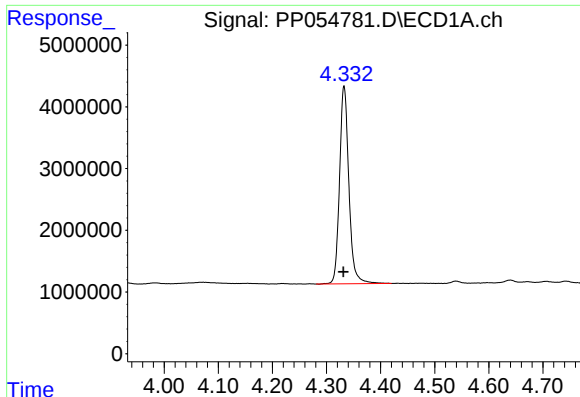
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 05:51:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011723.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
42) L9	AR-1268-2	8.685	7.561	245903	576911	1.451	2.945 #
43) L9	AR-1268-3	8.938f	7.777	123652	189315	0.830	1.070 #
44) L9	AR-1268-4	9.337	8.056	-25224	86395	N.D.	1.277 #
45) L9	AR-1268-5	9.749	8.346	416144	377304	0.862	0.733

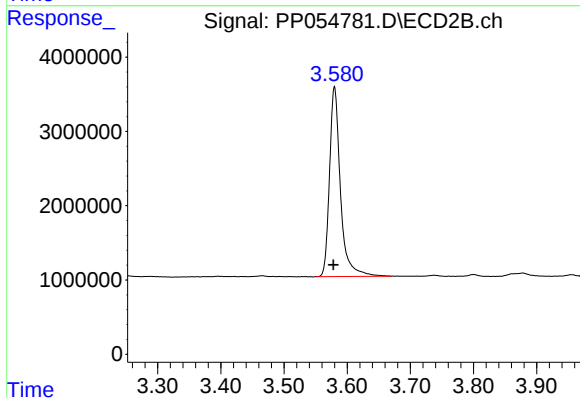
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

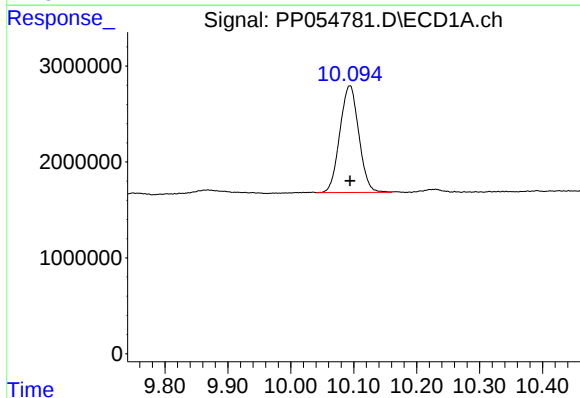
R.T.: 4.333 min
Delta R.T.: 0.002 min
Response: 38349821
Conc: 20.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



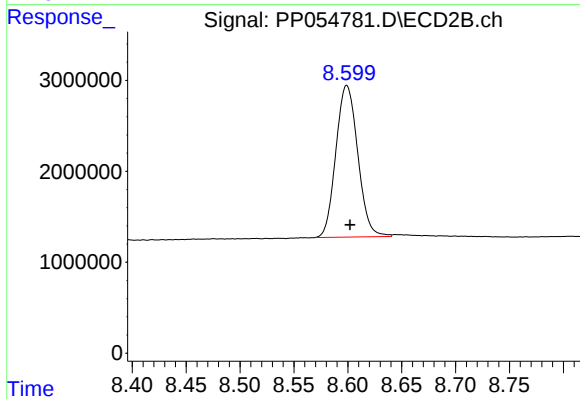
#1 Tetrachloro-m-xylene

R.T.: 3.580 min
Delta R.T.: 0.002 min
Response: 30727093
Conc: 19.20 ng/ml



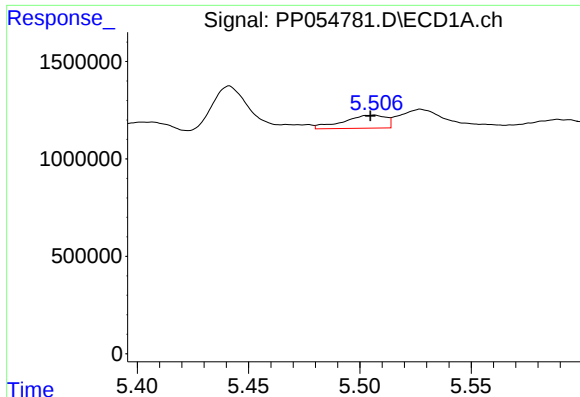
#2 Decachlorobiphenyl

R.T.: 10.094 min
Delta R.T.: 0.000 min
Response: 23290789
Conc: 17.35 ng/ml



#2 Decachlorobiphenyl

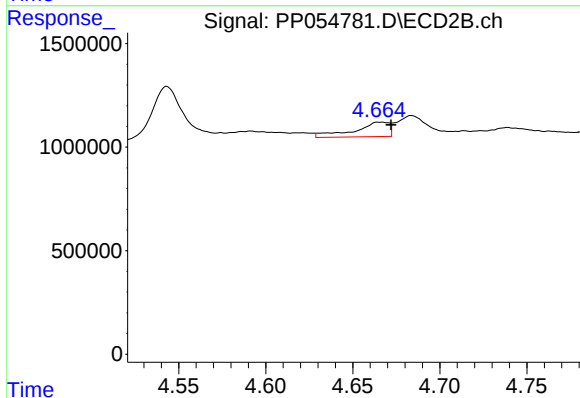
R.T.: 8.599 min
Delta R.T.: -0.003 min
Response: 23589624
Conc: 16.47 ng/ml



#3 AR-1016-1

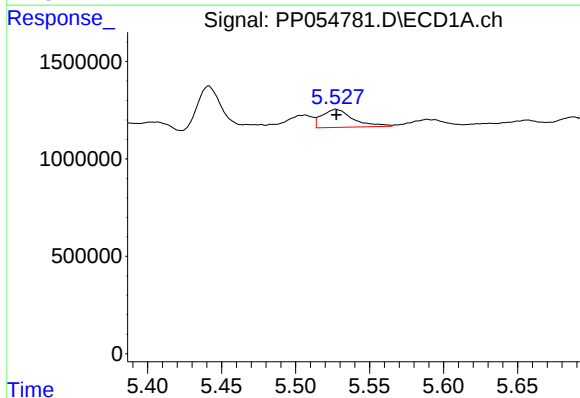
R.T.: 5.506 min
Delta R.T.: 0.001 min
Response: 894037
Conc: 13.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



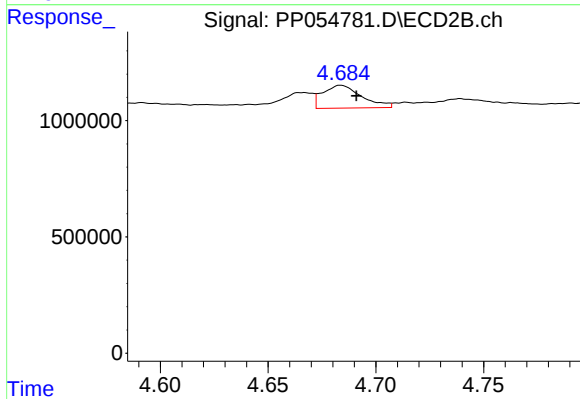
#3 AR-1016-1

R.T.: 4.666 min
Delta R.T.: -0.006 min
Response: 975353
Conc: 19.36 ng/ml



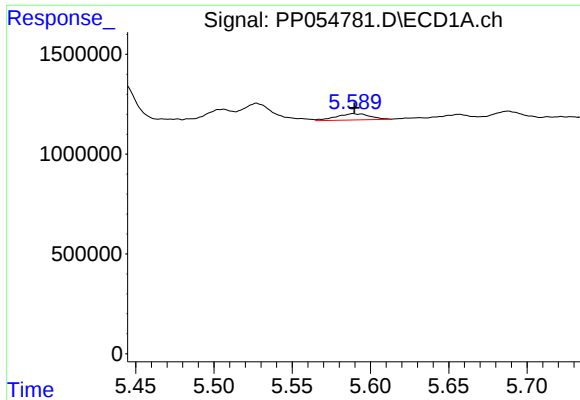
#4 AR-1016-2

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 1352576
Conc: 14.31 ng/ml



#4 AR-1016-2

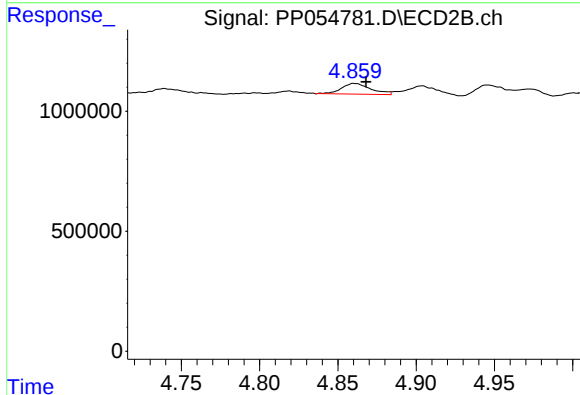
R.T.: 4.684 min
Delta R.T.: -0.007 min
Response: 1230438
Conc: 17.24 ng/ml



#5 AR-1016-3

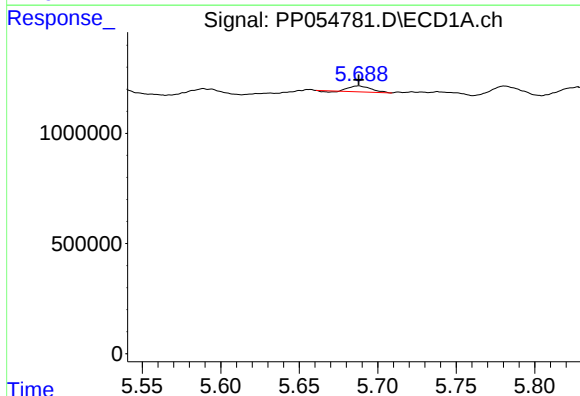
R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 472193
Conc: 7.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



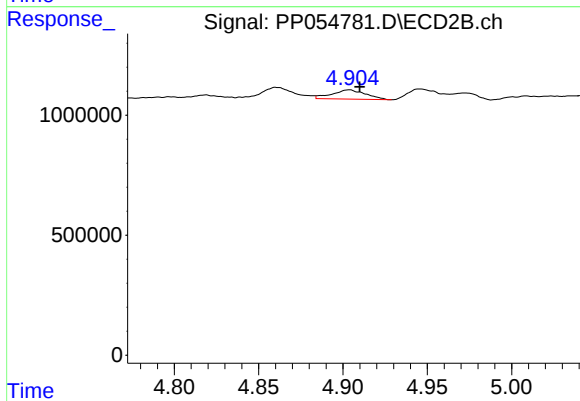
#5 AR-1016-3

R.T.: 4.861 min
Delta R.T.: -0.007 min
Response: 583152
Conc: 14.98 ng/ml



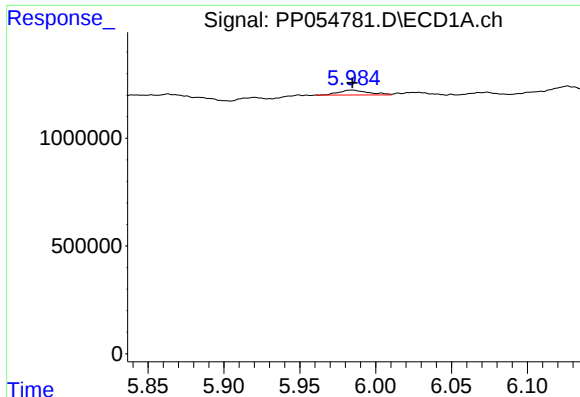
#6 AR-1016-4

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 241306
Conc: 5.08 ng/ml



#6 AR-1016-4

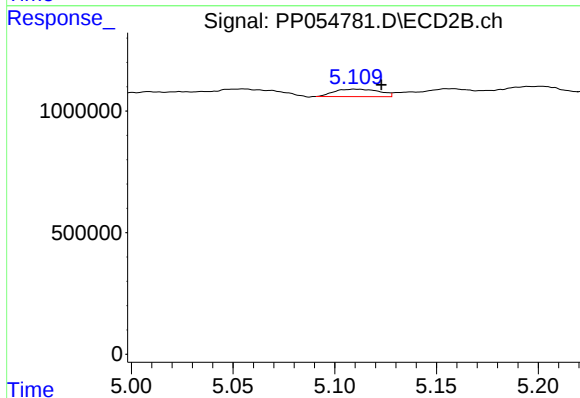
R.T.: 4.904 min
Delta R.T.: -0.006 min
Response: 535063
Conc: 15.75 ng/ml



#7 AR-1016-5

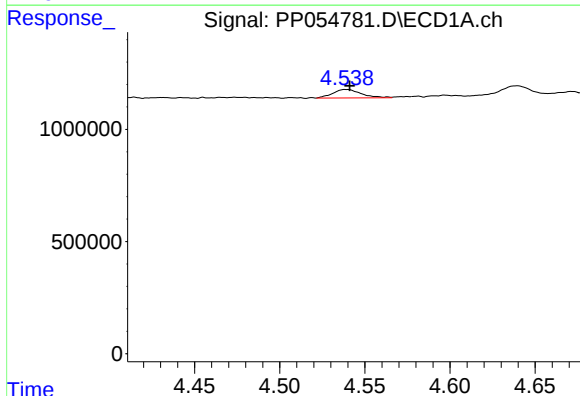
R.T.: 5.984 min
Delta R.T.: 0.000 min
Response: 316805
Conc: 6.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



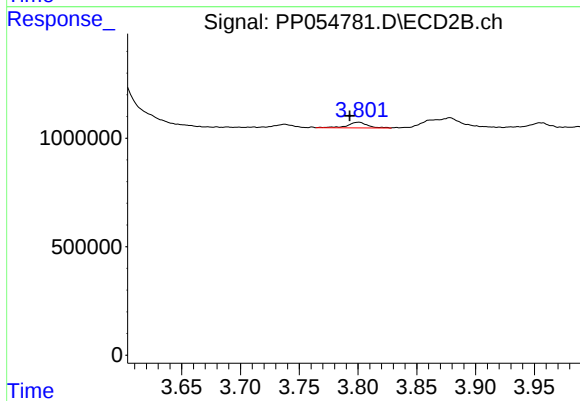
#7 AR-1016-5

R.T.: 5.110 min
Delta R.T.: -0.013 min
Response: 468430
Conc: 10.69 ng/ml



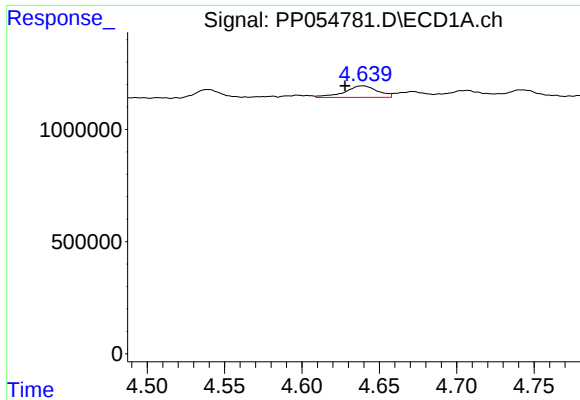
#8 AR-1221-1

R.T.: 4.539 min
Delta R.T.: -0.002 min
Response: 435948
Conc: 19.05 ng/ml



#8 AR-1221-1

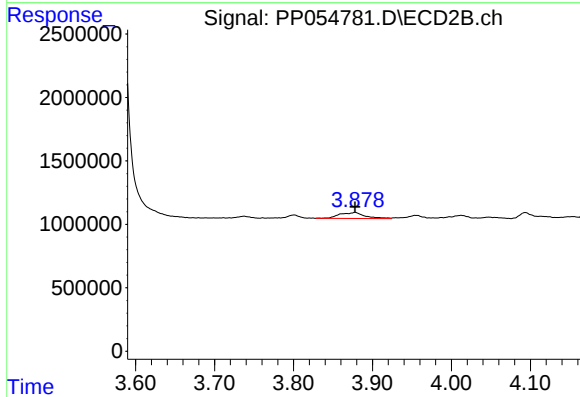
R.T.: 3.800 min
Delta R.T.: 0.008 min
Response: 303163
Conc: 15.32 ng/ml



#9 AR-1221-2

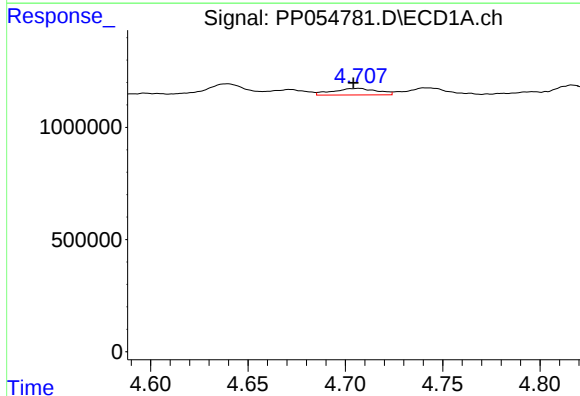
R.T.: 4.639 min
Delta R.T.: 0.012 min
Response: 763969
Conc: 43.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



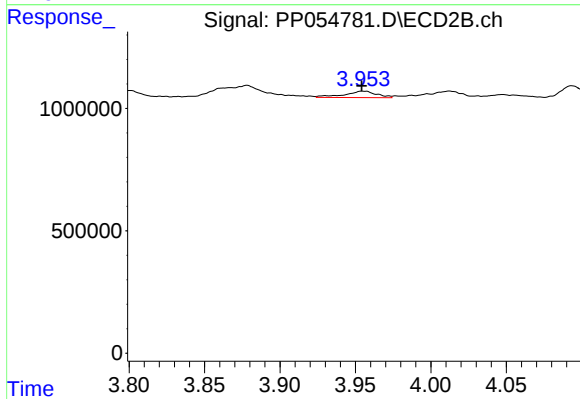
#9 AR-1221-2

R.T.: 3.878 min
Delta R.T.: 0.000 min
Response: 1084802
Conc: 72.21 ng/ml



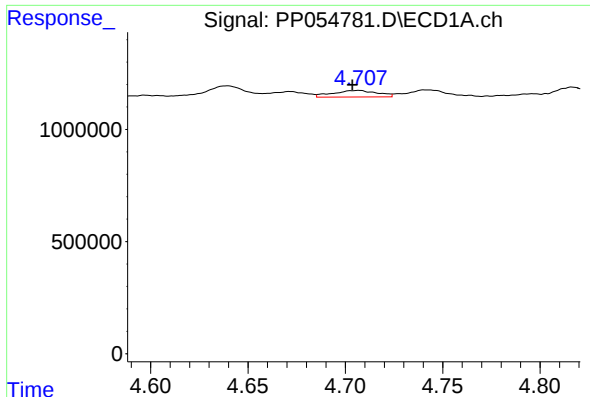
#10 AR-1221-3

R.T.: 4.707 min
Delta R.T.: 0.003 min
Response: 460292
Conc: 8.66 ng/ml



#10 AR-1221-3

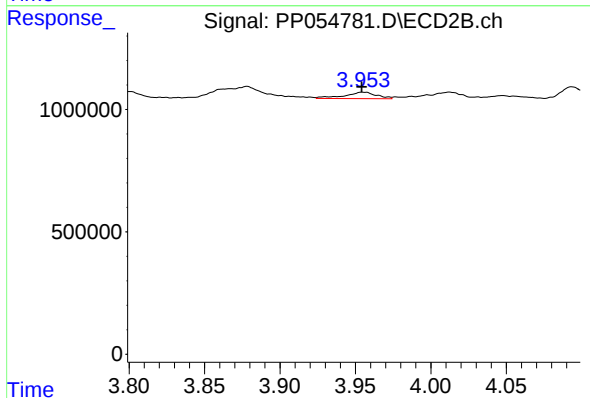
R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 396408
Conc: 8.63 ng/ml



#11 AR-1232-1

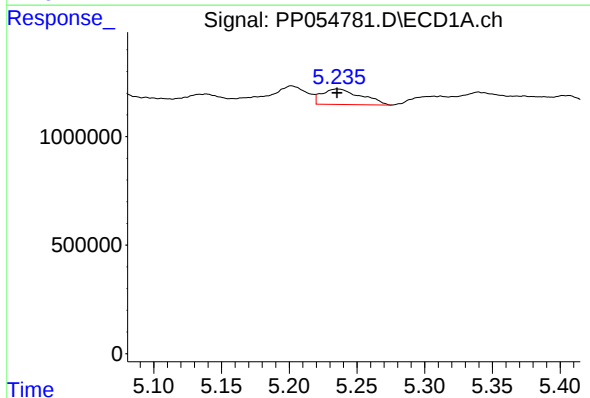
R.T.: 4.707 min
Delta R.T.: 0.003 min
Response: 460292
Conc: 10.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



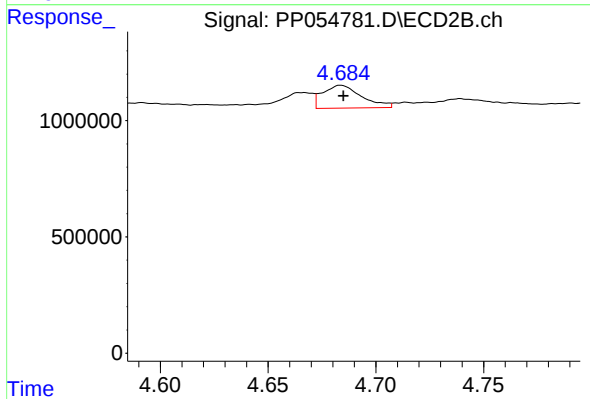
#11 AR-1232-1

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 396408
Conc: 10.28 ng/ml



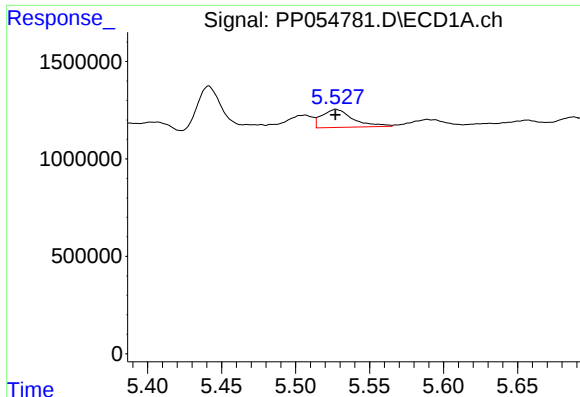
#12 AR-1232-2

R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 1435400
Conc: 59.54 ng/ml



#12 AR-1232-2

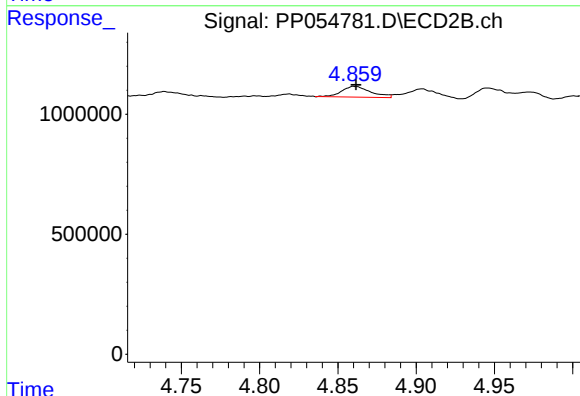
R.T.: 4.684 min
Delta R.T.: -0.001 min
Response: 1230438
Conc: 37.64 ng/ml



#13 AR-1232-3

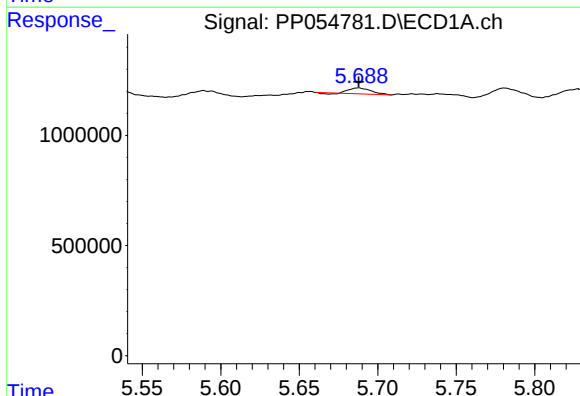
R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 1352576
Conc: 31.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



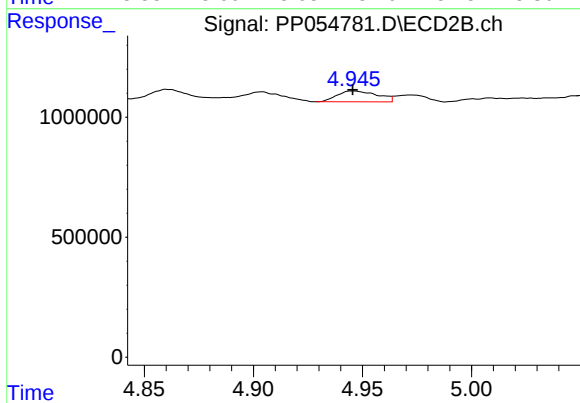
#13 AR-1232-3

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 583152
Conc: 33.91 ng/ml



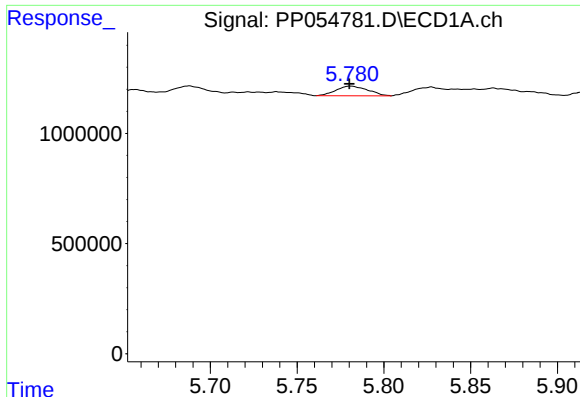
#14 AR-1232-4

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 241306
Conc: 11.24 ng/ml



#14 AR-1232-4

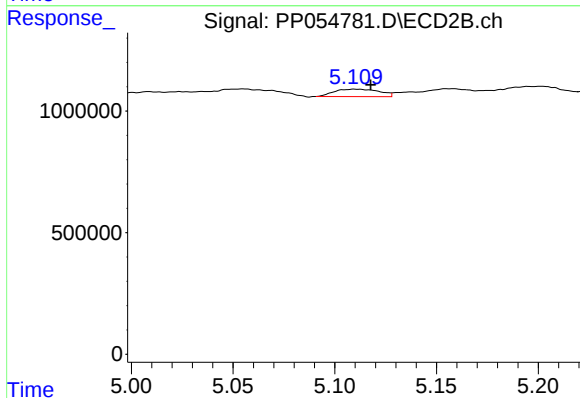
R.T.: 4.946 min
Delta R.T.: 0.000 min
Response: 577518
Conc: 33.34 ng/ml



#15 AR-1232-5

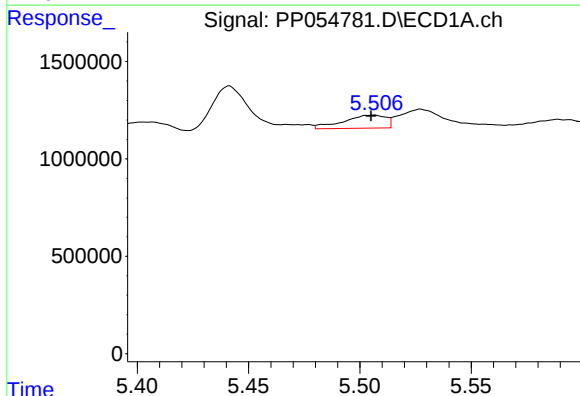
R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 557648
Conc: 32.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



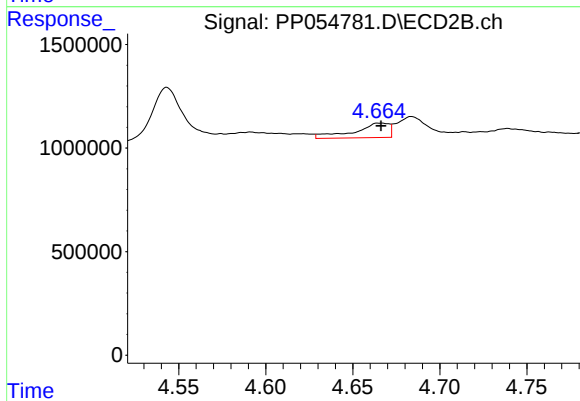
#15 AR-1232-5

R.T.: 5.110 min
Delta R.T.: -0.007 min
Response: 468430
Conc: 24.75 ng/ml



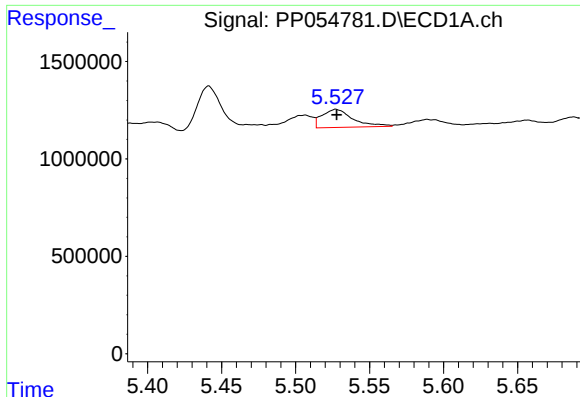
#16 AR-1242-1

R.T.: 5.506 min
Delta R.T.: 0.001 min
Response: 894037
Conc: 16.53 ng/ml



#16 AR-1242-1

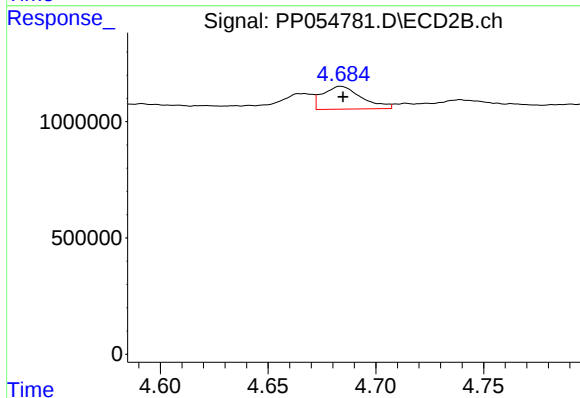
R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 975353
Conc: 23.12 ng/ml



#17 AR-1242-2

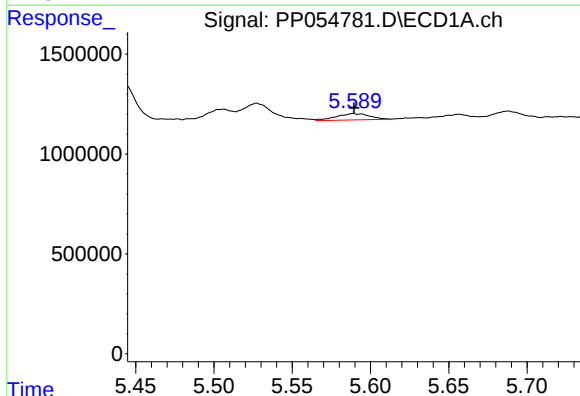
R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 1352576
Conc: 17.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



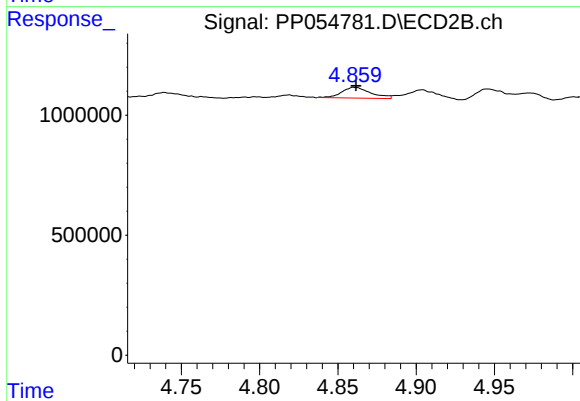
#17 AR-1242-2

R.T.: 4.684 min
Delta R.T.: 0.000 min
Response: 1230438
Conc: 20.96 ng/ml



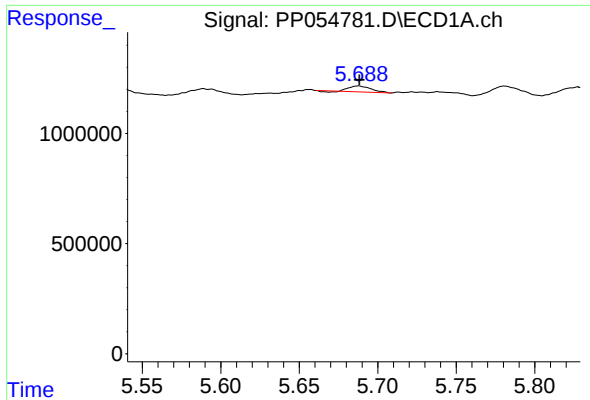
#18 AR-1242-3

R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 472193
Conc: 9.61 ng/ml



#18 AR-1242-3

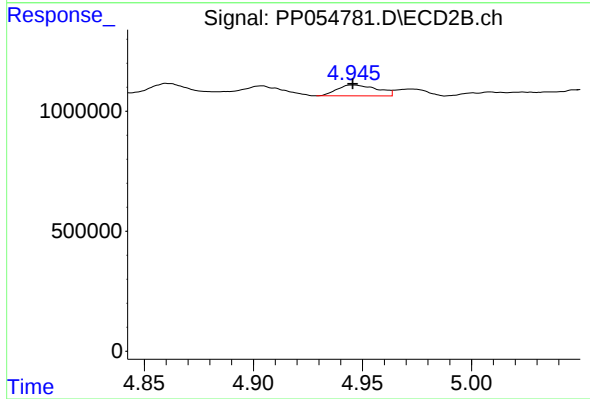
R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 583152
Conc: 18.18 ng/ml



#19 AR-1242-4

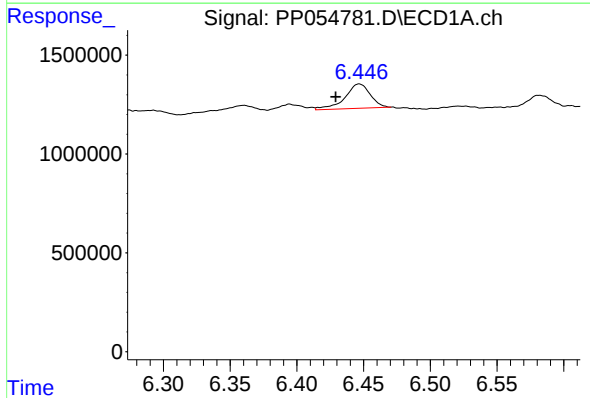
R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 241306
Conc: 6.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



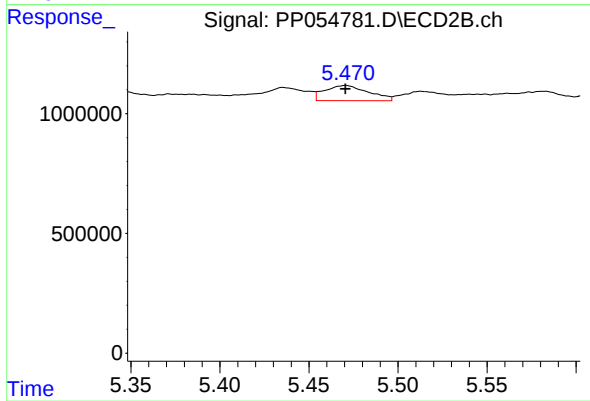
#19 AR-1242-4

R.T.: 4.946 min
Delta R.T.: 0.000 min
Response: 577518
Conc: 16.46 ng/ml



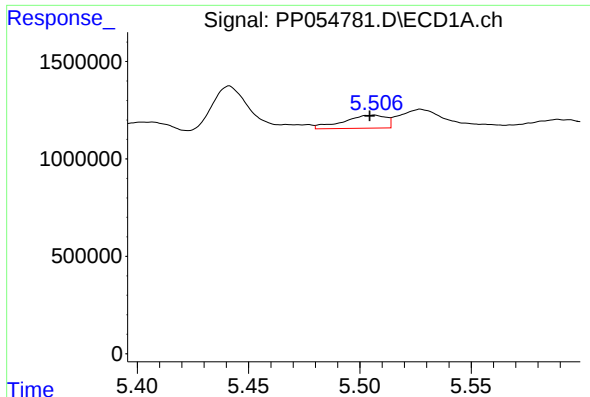
#20 AR-1242-5

R.T.: 6.447 min
Delta R.T.: 0.018 min
Response: 1625695
Conc: 45.06 ng/ml



#20 AR-1242-5

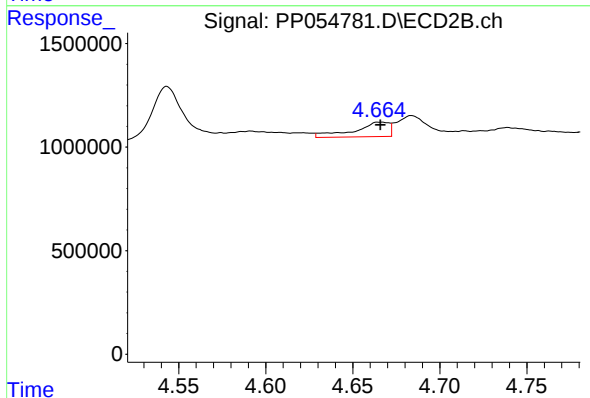
R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 1084639
Conc: 28.54 ng/ml



#21 AR-1248-1

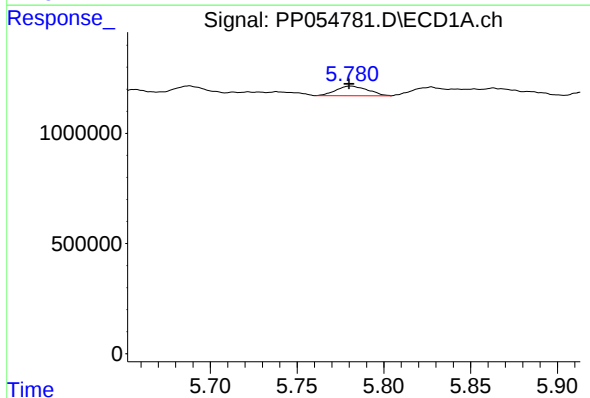
R.T.: 5.506 min
Delta R.T.: 0.002 min
Response: 894037
Conc: 22.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



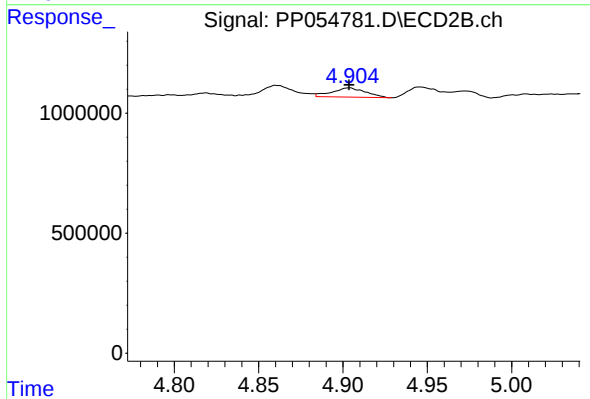
#21 AR-1248-1

R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 975353
Conc: 31.17 ng/ml



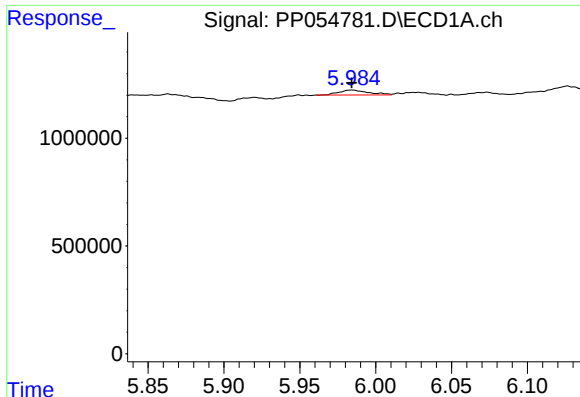
#22 AR-1248-2

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 557648
Conc: 9.40 ng/ml



#22 AR-1248-2

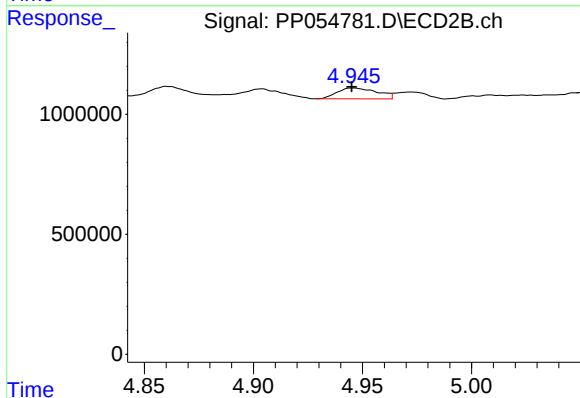
R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 535063
Conc: 11.14 ng/ml



#23 AR-1248-3

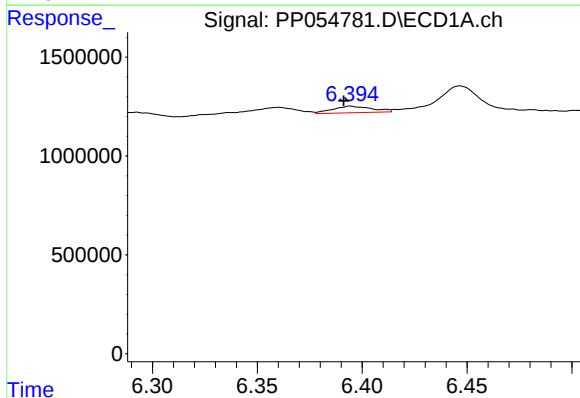
R.T.: 5.984 min
Delta R.T.: 0.000 min
Response: 316805
Conc: 4.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



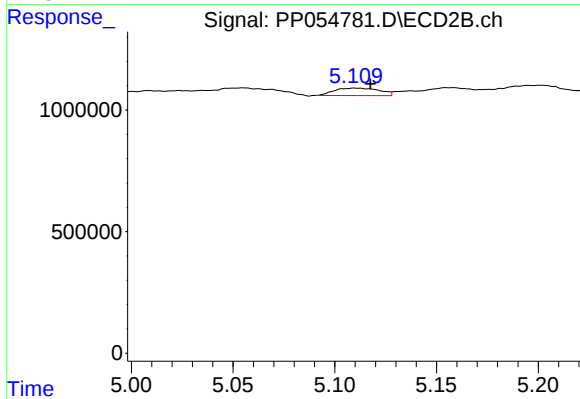
#23 AR-1248-3

R.T.: 4.946 min
Delta R.T.: 0.000 min
Response: 577518
Conc: 11.36 ng/ml



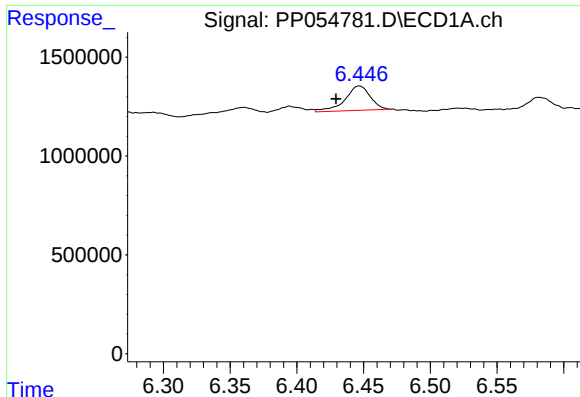
#24 AR-1248-4

R.T.: 6.395 min
Delta R.T.: 0.004 min
Response: 437950
Conc: 6.55 ng/ml



#24 AR-1248-4

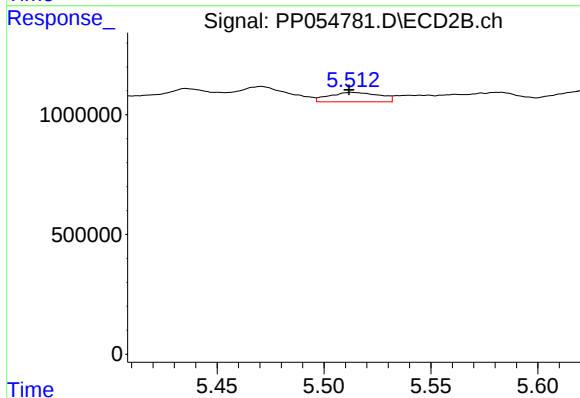
R.T.: 5.110 min
Delta R.T.: -0.007 min
Response: 468430
Conc: 7.88 ng/ml



#25 AR-1248-5

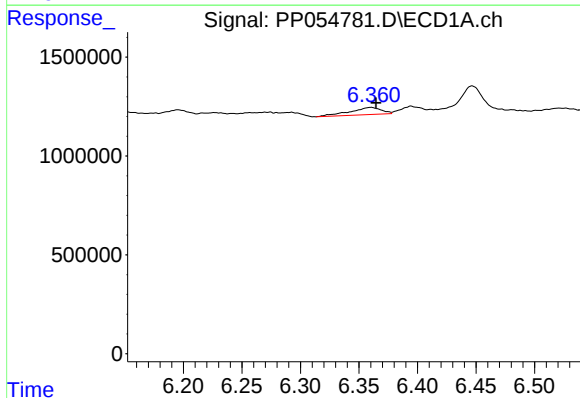
R.T.: 6.447 min
Delta R.T.: 0.017 min
Response: 1625695
Conc: 25.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



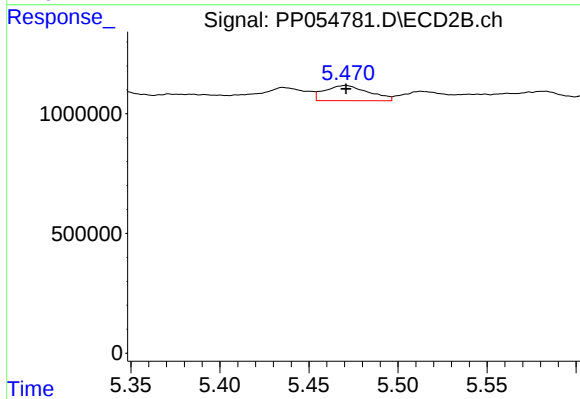
#25 AR-1248-5

R.T.: 5.513 min
Delta R.T.: 0.001 min
Response: 640055
Conc: 12.60 ng/ml



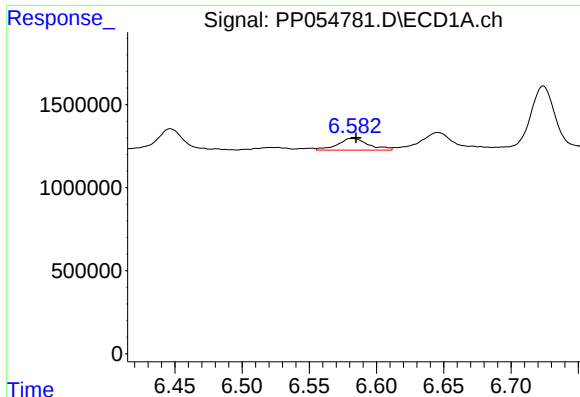
#26 AR-1254-1

R.T.: 6.360 min
Delta R.T.: -0.004 min
Response: 673063
Conc: 9.52 ng/ml



#26 AR-1254-1

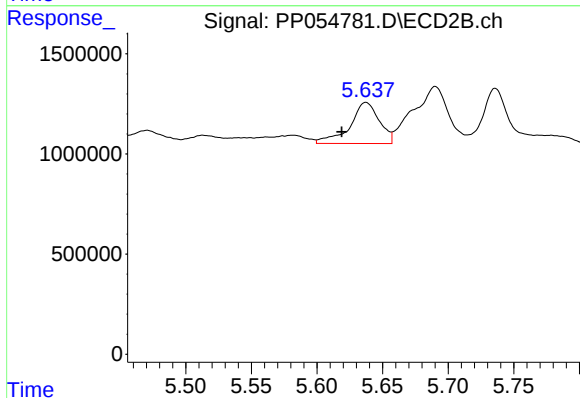
R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 1084639
Conc: 12.76 ng/ml



#27 AR-1254-2

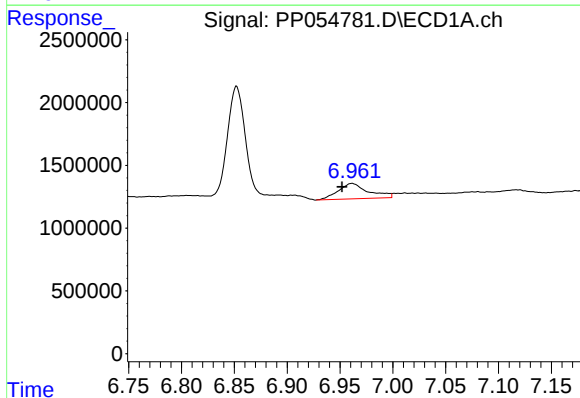
R.T.: 6.582 min
Delta R.T.: -0.003 min
Response: 1129462
Conc: 11.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



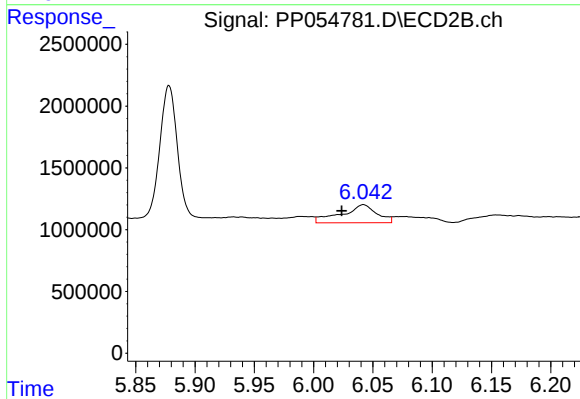
#27 AR-1254-2

R.T.: 5.637 min
Delta R.T.: 0.018 min
Response: 3201396
Conc: 43.99 ng/ml



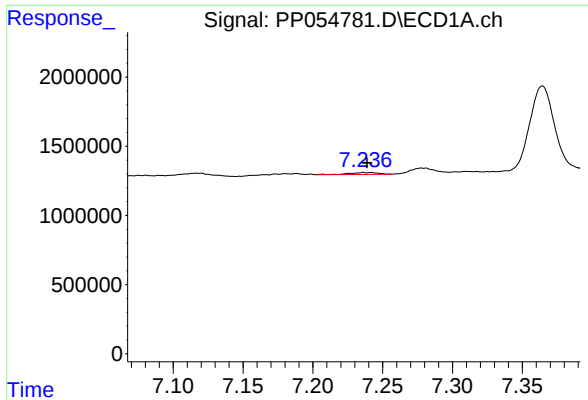
#28 AR-1254-3

R.T.: 6.961 min
Delta R.T.: 0.009 min
Response: 2453394
Conc: 28.28 ng/ml



#28 AR-1254-3

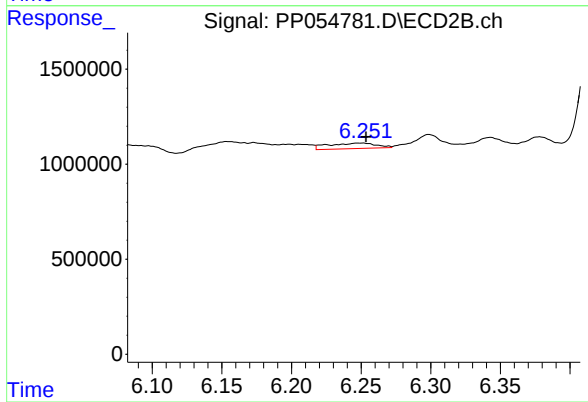
R.T.: 6.042 min
Delta R.T.: 0.018 min
Response: 3027060
Conc: 26.75 ng/ml



#29 AR-1254-4

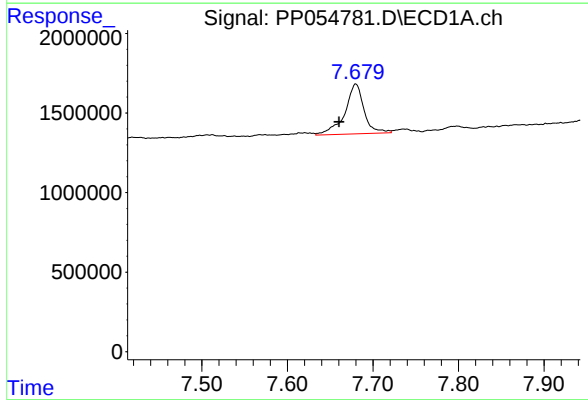
R.T.: 7.236 min
Delta R.T.: -0.003 min
Response: 203473
Conc: 3.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



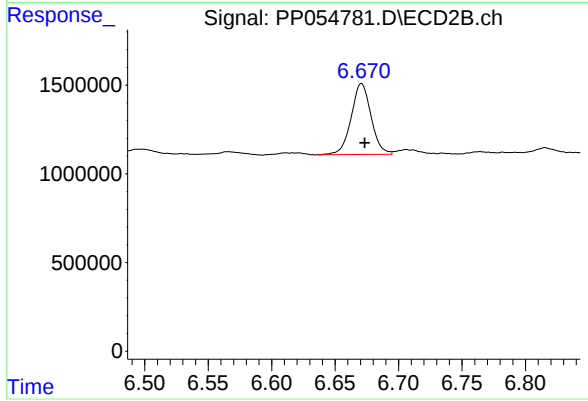
#29 AR-1254-4

R.T.: 6.250 min
Delta R.T.: -0.003 min
Response: 693978
Conc: 11.15 ng/ml



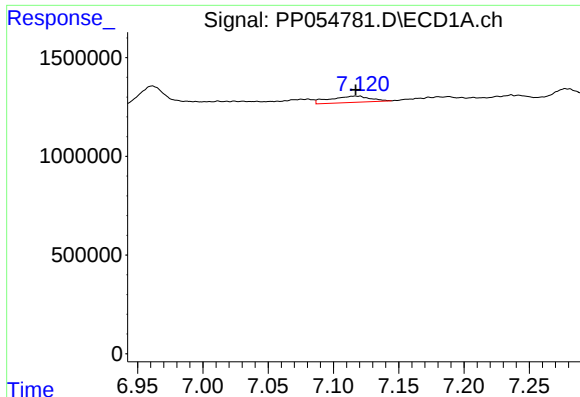
#30 AR-1254-5

R.T.: 7.680 min
Delta R.T.: 0.020 min
Response: 4897313
Conc: 69.98 ng/ml



#30 AR-1254-5

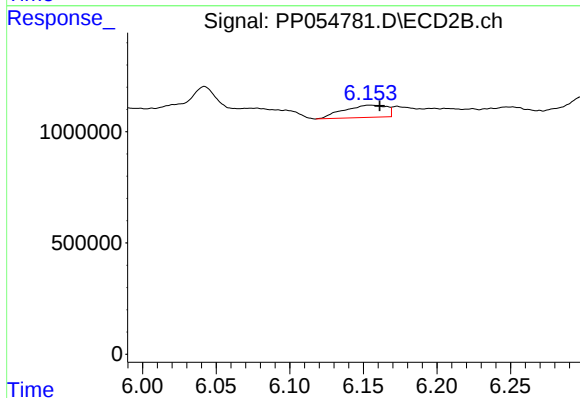
R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 4376762
Conc: 46.18 ng/ml



#31 AR-1260-1

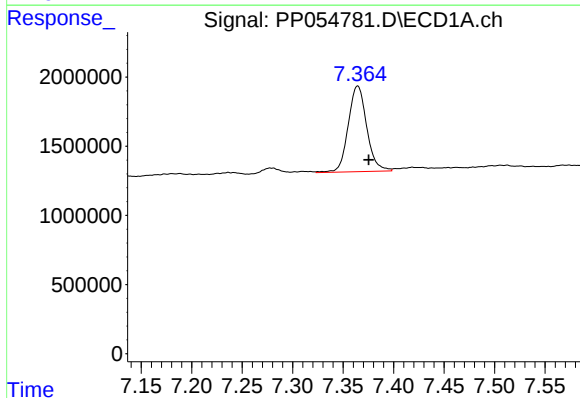
R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 690373
Conc: 10.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



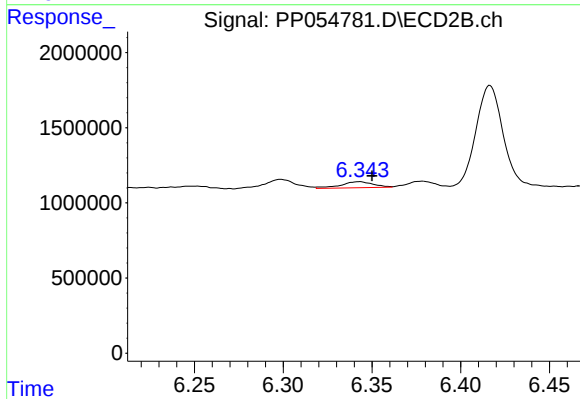
#31 AR-1260-1

R.T.: 6.154 min
Delta R.T.: -0.007 min
Response: 1106184
Conc: 13.32 ng/ml



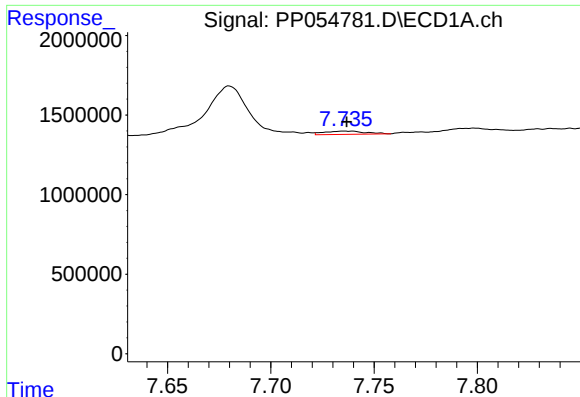
#32 AR-1260-2

R.T.: 7.364 min
Delta R.T.: -0.011 min
Response: 7904152
Conc: 98.84 ng/ml



#32 AR-1260-2

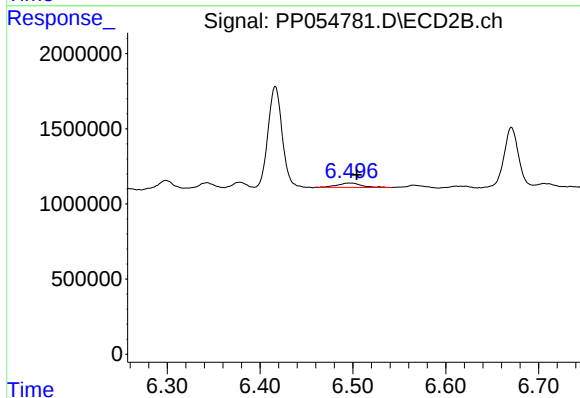
R.T.: 6.343 min
Delta R.T.: -0.007 min
Response: 509843
Conc: 5.54 ng/ml



#33 AR-1260-3

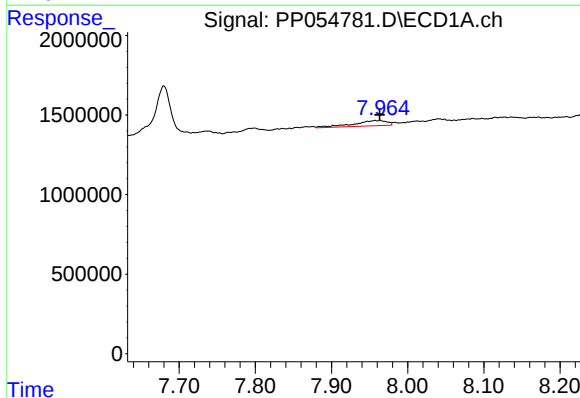
R.T.: 7.736 min
Delta R.T.: -0.001 min
Response: 286020
Conc: 4.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



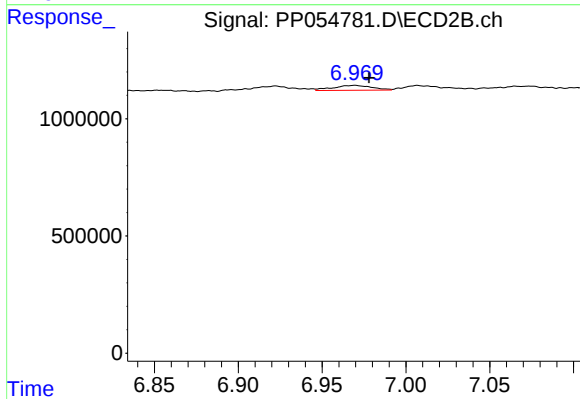
#33 AR-1260-3

R.T.: 6.497 min
Delta R.T.: -0.007 min
Response: 519318
Conc: 5.78 ng/ml



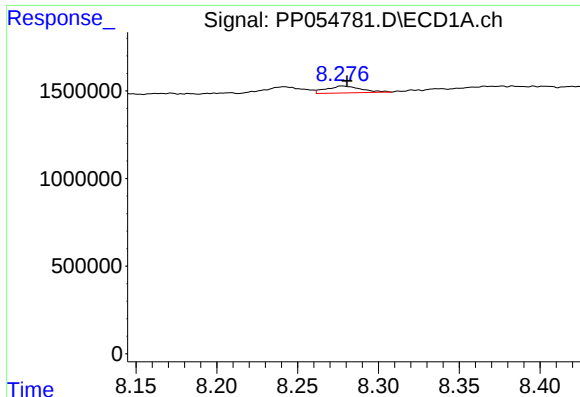
#34 AR-1260-4

R.T.: 7.964 min
Delta R.T.: 0.001 min
Response: 993738
Conc: 14.20 ng/ml



#34 AR-1260-4

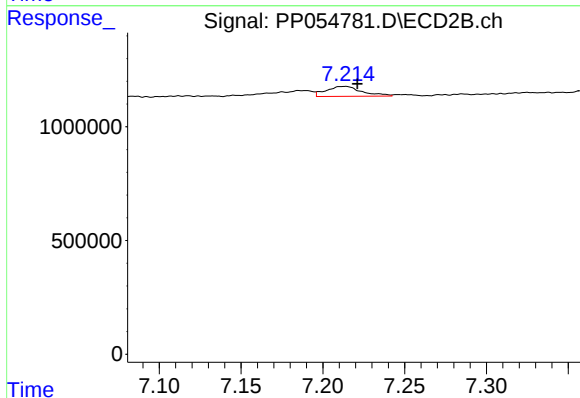
R.T.: 6.970 min
Delta R.T.: -0.008 min
Response: 338953
Conc: 4.50 ng/ml



#35 AR-1260-5

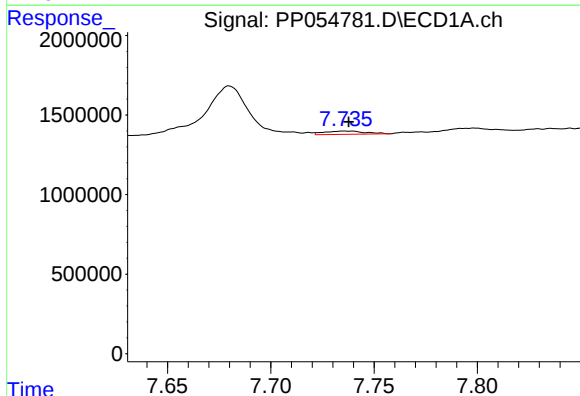
R.T.: 8.278 min
Delta R.T.: -0.003 min
Response: 599181
Conc: 4.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



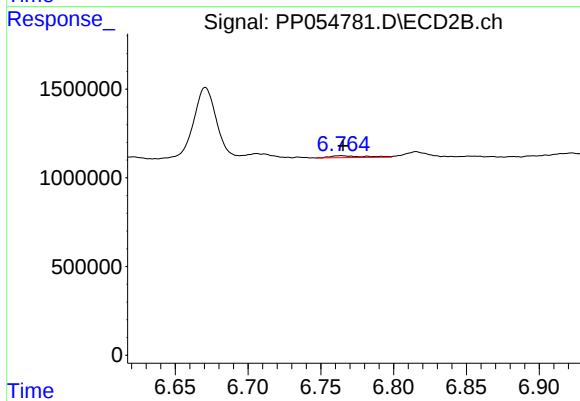
#35 AR-1260-5

R.T.: 7.213 min
Delta R.T.: -0.008 min
Response: 658388
Conc: 4.14 ng/ml



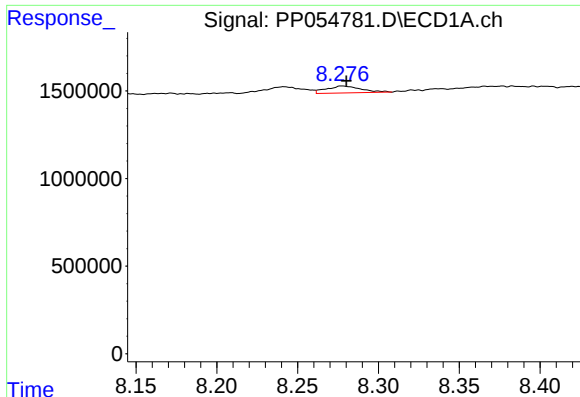
#36 AR-1262-1

R.T.: 7.736 min
Delta R.T.: -0.002 min
Response: 286020
Conc: 3.49 ng/ml



#36 AR-1262-1

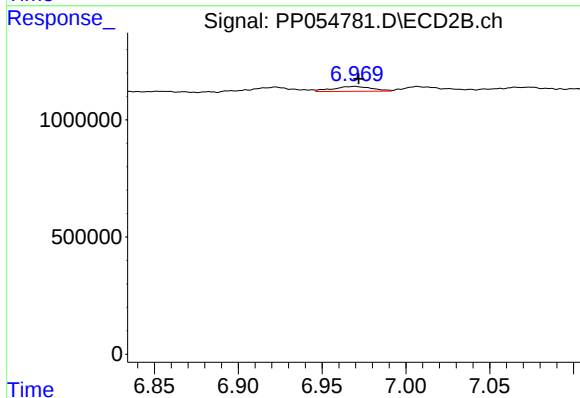
R.T.: 6.764 min
Delta R.T.: -0.001 min
Response: 165129
Conc: 3.89 ng/ml



#37 AR-1262-2

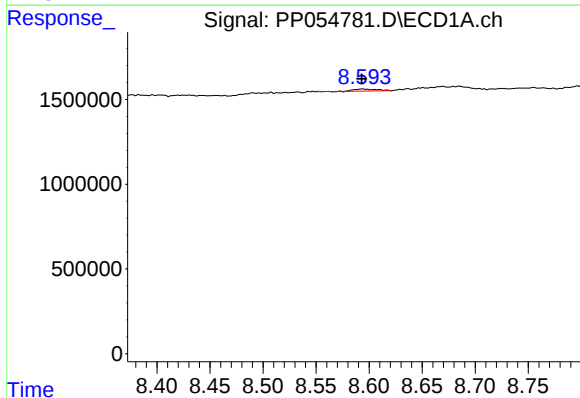
R.T.: 8.278 min
Delta R.T.: -0.002 min
Response: 599181
Conc: 4.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



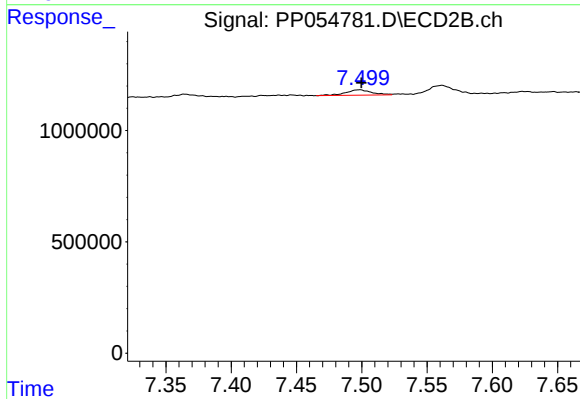
#37 AR-1262-2

R.T.: 6.970 min
Delta R.T.: -0.002 min
Response: 338953
Conc: 3.69 ng/ml



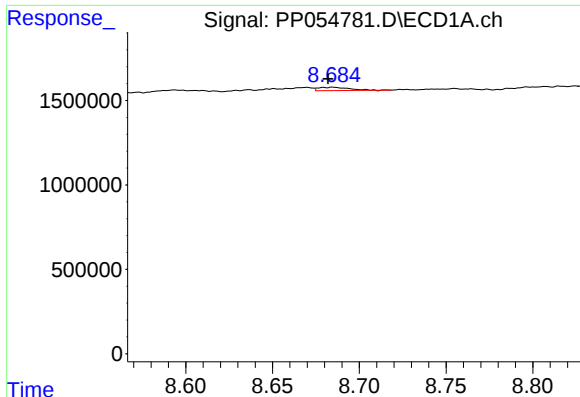
#38 AR-1262-3

R.T.: 8.594 min
Delta R.T.: 0.000 min
Response: 187132
Conc: 1.82 ng/ml



#38 AR-1262-3

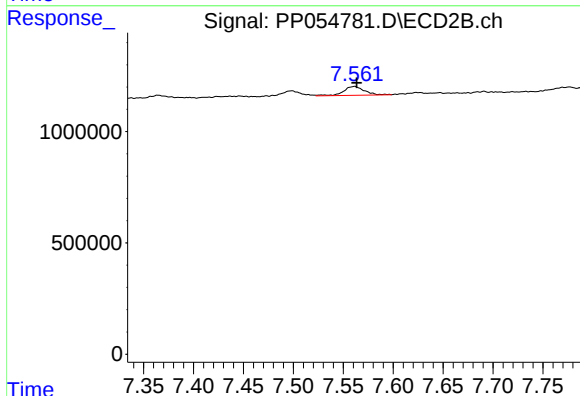
R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 333565
Conc: 4.64 ng/ml



#39 AR-1262-4

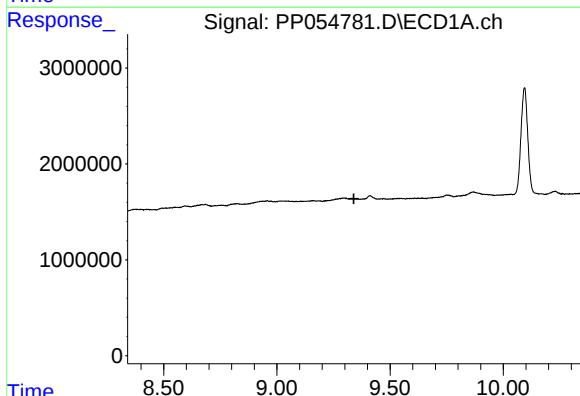
R.T.: 8.685 min
Delta R.T.: 0.003 min
Response: 245903
Conc: 4.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



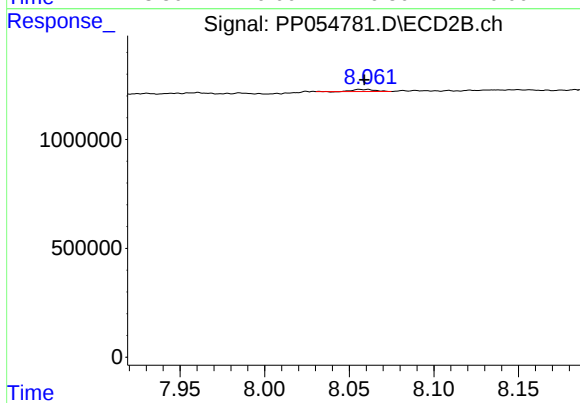
#39 AR-1262-4

R.T.: 7.561 min
Delta R.T.: -0.002 min
Response: 576911
Conc: 4.46 ng/ml



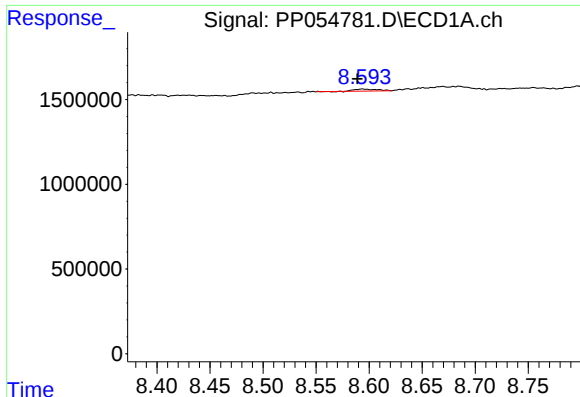
#40 AR-1262-5

R.T.: 9.337 min
Delta R.T.: -0.004 min
Response: -25224
Conc: N.D.



#40 AR-1262-5

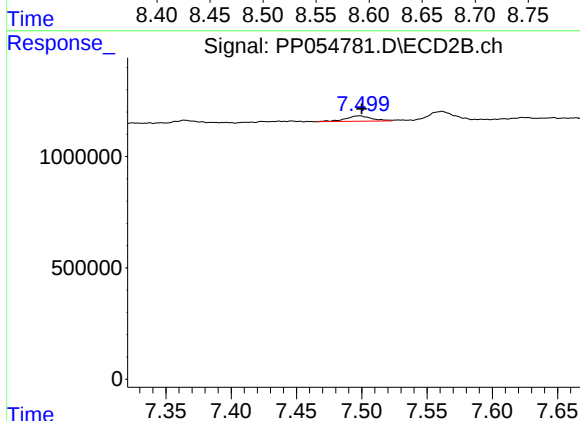
R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 86395
Conc: 1.45 ng/ml



#41 AR-1268-1

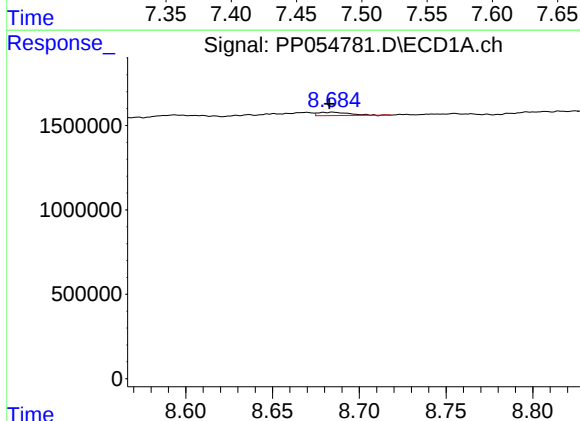
R.T.: 8.594 min
Delta R.T.: 0.005 min
Response: 187132
Conc: 1.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



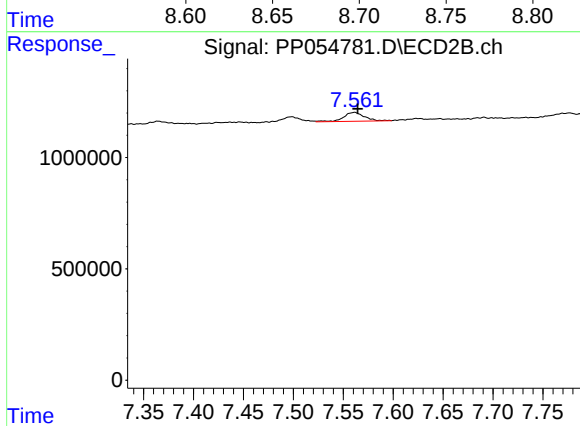
#41 AR-1268-1

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 333565
Conc: 1.54 ng/ml



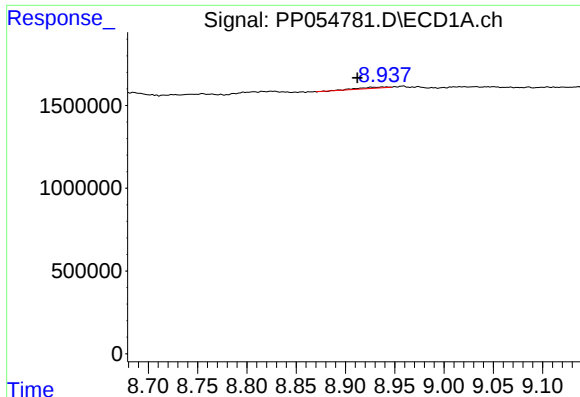
#42 AR-1268-2

R.T.: 8.685 min
Delta R.T.: 0.002 min
Response: 245903
Conc: 1.45 ng/ml



#42 AR-1268-2

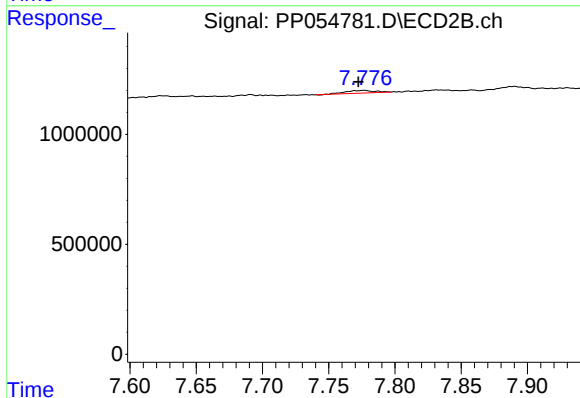
R.T.: 7.561 min
Delta R.T.: -0.003 min
Response: 576911
Conc: 2.95 ng/ml



#43 AR-1268-3

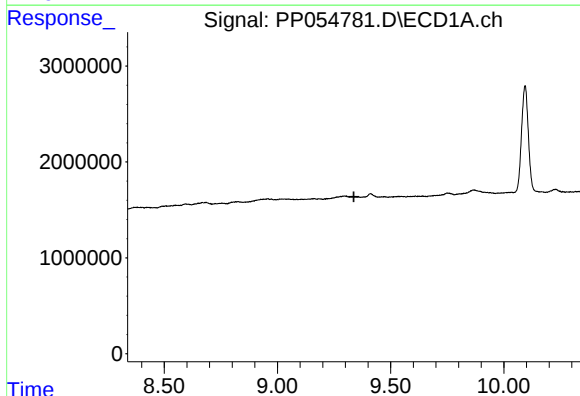
R.T.: 8.938 min
Delta R.T.: 0.025 min
Response: 123652
Conc: 0.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



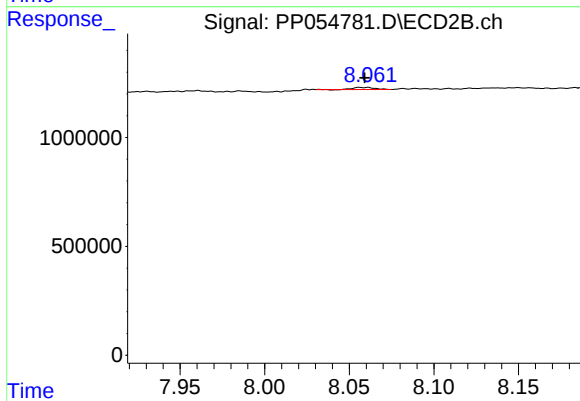
#43 AR-1268-3

R.T.: 7.777 min
Delta R.T.: 0.004 min
Response: 189315
Conc: 1.07 ng/ml



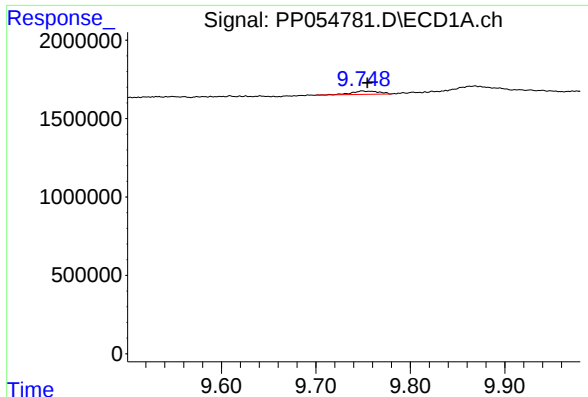
#44 AR-1268-4

R.T.: 9.337 min
Delta R.T.: -0.001 min
Response: -25224
Conc: N.D.



#44 AR-1268-4

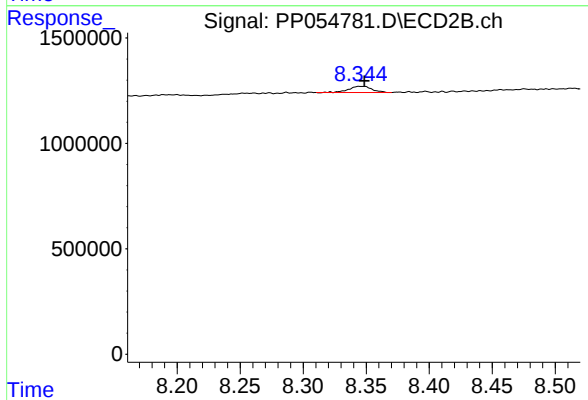
R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 86395
Conc: 1.28 ng/ml



#45 AR-1268-5

R.T.: 9.749 min
Delta R.T.: -0.005 min
Response: 416144
Conc: 0.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.346 min
Delta R.T.: -0.003 min
Response: 377304
Conc: 0.73 ng/ml