

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041023\
 Data File : PP056803.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2023 10:27
 Operator : YP\AJ
 Sample : 02230-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 22:45:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 04:14:17 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...	4.434	3.661	41428385	31827532	19.282	18.300
2)	SA Decachlor...	10.269	8.744	30897401	31045363	23.606	19.745
Target Compounds							
3)	L1 AR-1016-1	5.627f	4.793f	597627	2194636	9.734	41.206 #
4)	L1 AR-1016-2	5.637	4.793	903212	2194636	10.129	29.596 #
5)	L1 AR-1016-3	5.696	4.958	566493	2133691	9.992	53.020 #
7)	L1 AR-1016-5	6.104	5.226	8069469	6596165	172.104	140.461
8)	L2 AR-1221-1	4.641	3.861f	800847	29330	30.362	1.339 #
9)	L2 AR-1221-2	4.741	3.967	746478	735654	38.427	44.775
10)	L2 AR-1221-3	4.805	4.028f	85186	527786	1.495	10.764 #
11)	L3 AR-1232-1	4.805	4.028f	85186	527786	1.769	12.829 #
12)	L3 AR-1232-2	5.326f	4.793	1588306	2194636	63.584	64.035
13)	L3 AR-1232-3	5.637	4.958	903212	2133691	22.402	115.957 #
14)	L3 AR-1232-4	0.000	5.075f	0	9142807	N.D.	477.109 #
15)	L3 AR-1232-5	5.884	5.226	207912	6596165	11.829	310.314 #
16)	L4 AR-1242-1	5.627f	4.793f	597627	2194636	11.884	51.025 #
17)	L4 AR-1242-2	5.637	4.793	903212	2194636	12.403	36.883 #
18)	L4 AR-1242-3	5.696	4.958	566493	2133691	12.364	66.134 #
19)	L4 AR-1242-4	0.000	5.075f	0	9142807	N.D.	250.932 #
20)	L4 AR-1242-5	6.555f	5.599f	763311	13561222	22.996	340.118 #
21)	L5 AR-1248-1	5.627f	4.793f	597627	2194636	15.929	66.671 #
22)	L5 AR-1248-2	5.884	0.000	207912	0	3.530	N.D. #
23)	L5 AR-1248-3	6.104	5.075f	8069469	9142807	126.655	170.316 #
24)	L5 AR-1248-4	6.512	5.226	4914685	6596165	84.627	106.605 #
25)	L5 AR-1248-5	6.555f	5.599f	763311	13561222	13.513	264.126 #
26)	L6 AR-1254-1	6.470	5.599f	13086636	13561222	184.564	147.216
27)	L6 AR-1254-2	6.702	5.723	2734250	2236782	26.962	27.831
28)	L6 AR-1254-3	7.060	6.131	7816351	2333341	80.638	18.876 #
29)	L6 AR-1254-4	7.347	6.361	641174	331251	10.505	5.212 #
30)	L6 AR-1254-5	7.785f	6.782	1923842	2159985	28.233	20.545 #
31)	L7 AR-1260-1	7.224	6.263	818309	1167819	10.053	12.210
32)	L7 AR-1260-2	7.479	6.436f	3394018	4220804	39.781	40.869
33)	L7 AR-1260-3	7.844	6.608	509292	632913	7.293	6.103
34)	L7 AR-1260-4	8.051f	7.083	1437818	868192	18.844	10.165 #
35)	L7 AR-1260-5	8.396	7.324	752263	386344	5.943	2.441 #
36)	L8 AR-1262-1	7.844	6.885	509292	362812	5.782	7.754 #
37)	L8 AR-1262-2	8.396	7.083	752263	868192	5.810	8.877 #
38)	L8 AR-1262-3	8.729	7.611	523730	213276	5.686	3.211 #
39)	L8 AR-1262-4	8.810	7.673	895399	720401	19.720	6.112 #
40)	L8 AR-1262-5	9.482	8.176	49611	129728	1.235	2.662 #
41)	L9 AR-1268-1	8.729	7.611	523730	213276	2.812	0.962 #
42)	L9 AR-1268-2	8.810	7.673	895399	720401	5.396	3.710 #

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 Operator : YP\AJ
 Sample : 02230-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

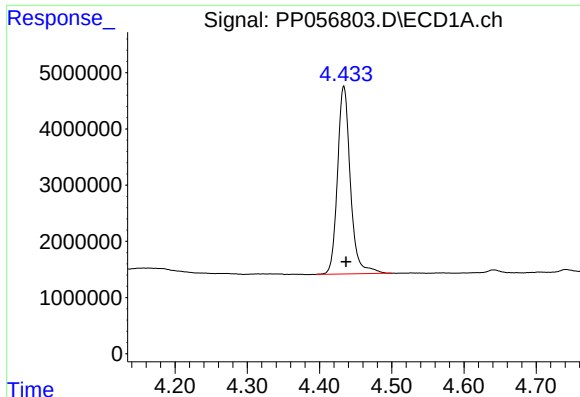
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 22:45:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	9.053	7.887	55237	244581	0.347	1.234 #
44) L9	AR-1268-4	9.482	8.176	49611	129728	1.069	2.243 #
45) L9	AR-1268-5	9.919	8.479	299908	353770	0.698	0.697

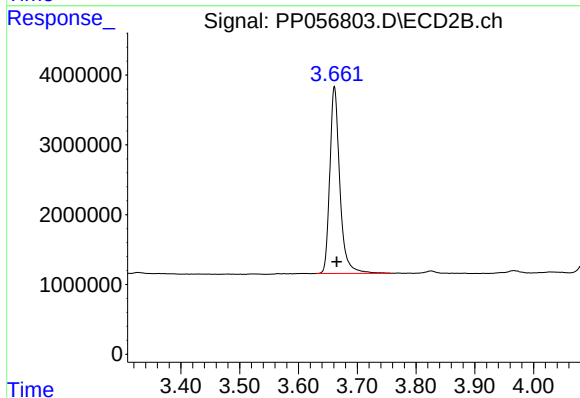
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

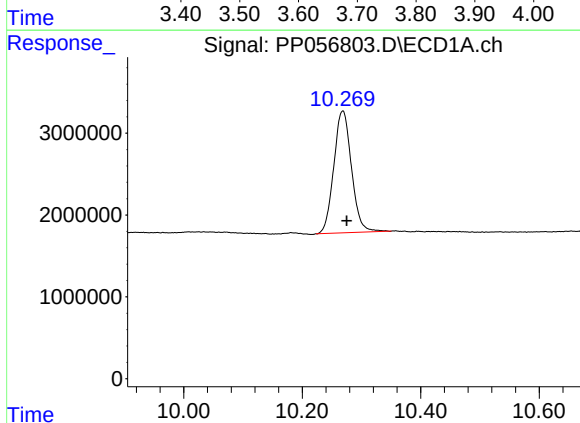
R.T.: 4.434 min
Delta R.T.: -0.003 min
Response: 41428385
Conc: 19.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



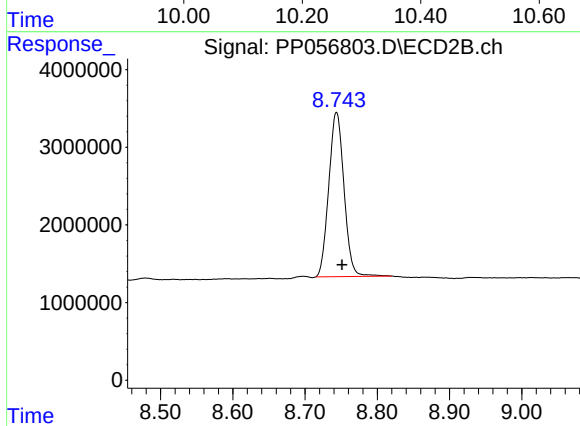
#1 Tetrachloro-m-xylene

R.T.: 3.661 min
Delta R.T.: -0.004 min
Response: 31827532
Conc: 18.30 ng/ml



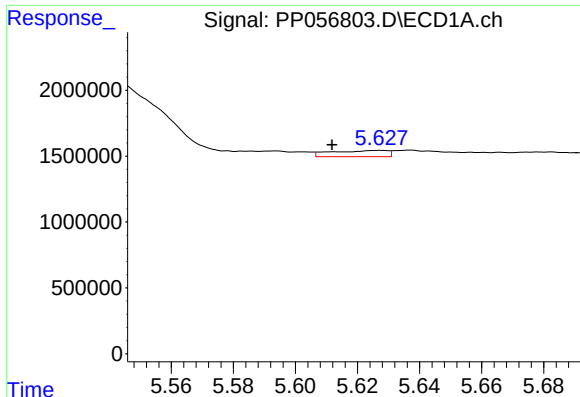
#2 Decachlorobiphenyl

R.T.: 10.269 min
Delta R.T.: -0.006 min
Response: 30897401
Conc: 23.61 ng/ml



#2 Decachlorobiphenyl

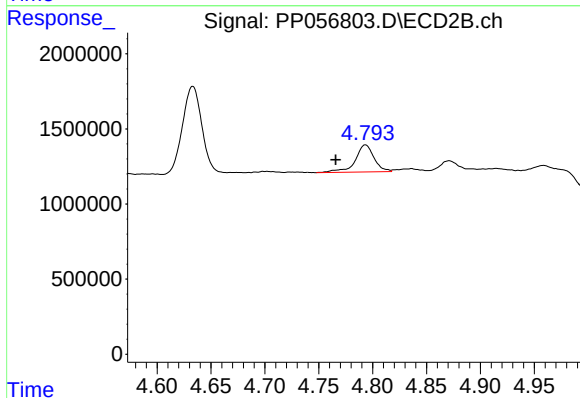
R.T.: 8.744 min
Delta R.T.: -0.008 min
Response: 31045363
Conc: 19.75 ng/ml



#3 AR-1016-1

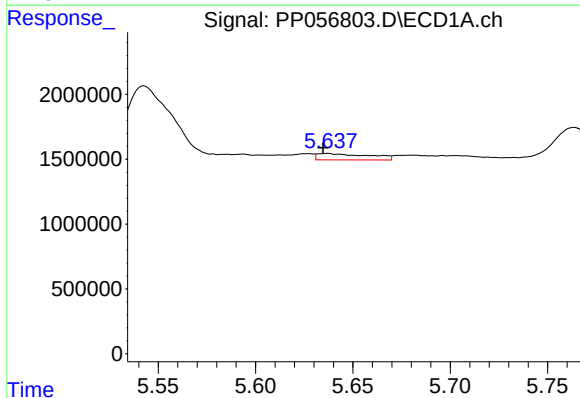
R.T.: 5.627 min
Delta R.T.: 0.015 min
Response: 597627
Conc: 9.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



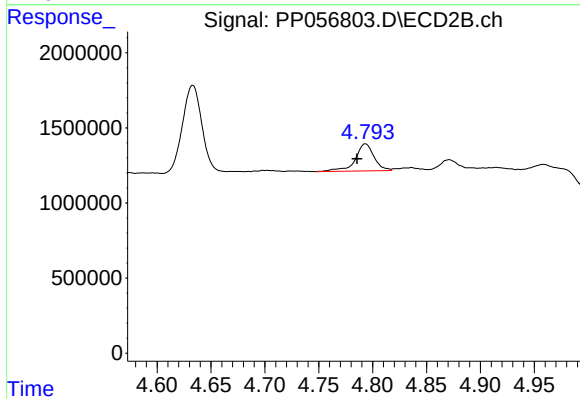
#3 AR-1016-1

R.T.: 4.793 min
Delta R.T.: 0.028 min
Response: 2194636
Conc: 41.21 ng/ml



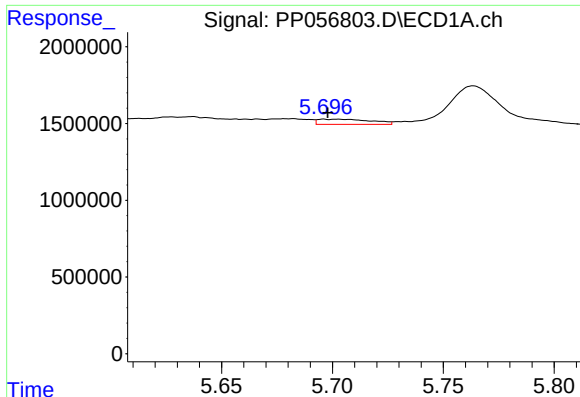
#4 AR-1016-2

R.T.: 5.637 min
Delta R.T.: 0.002 min
Response: 903212
Conc: 10.13 ng/ml



#4 AR-1016-2

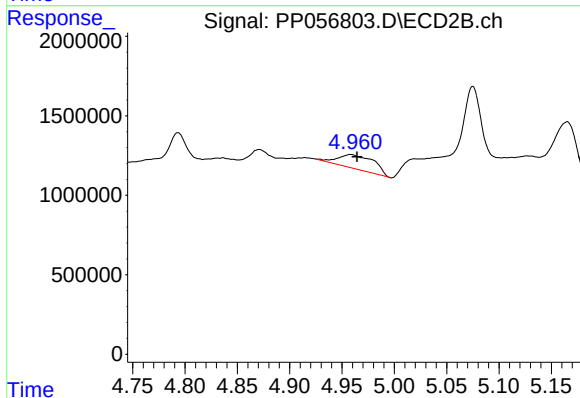
R.T.: 4.793 min
Delta R.T.: 0.008 min
Response: 2194636
Conc: 29.60 ng/ml



#5 AR-1016-3

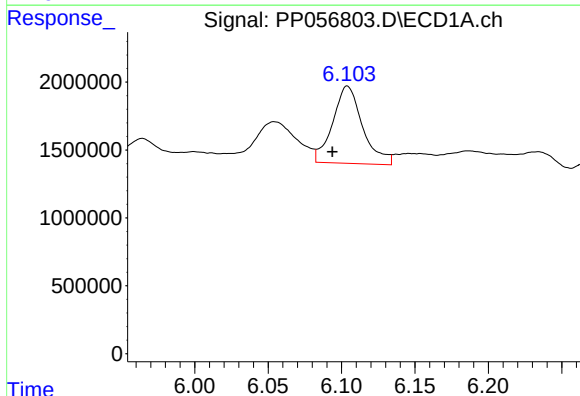
R.T.: 5.696 min
Delta R.T.: -0.002 min
Response: 566493
Conc: 9.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



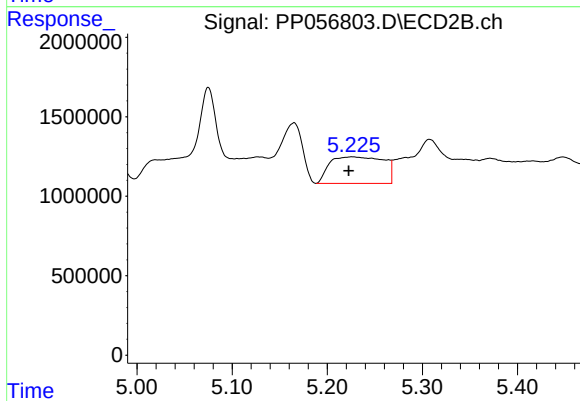
#5 AR-1016-3

R.T.: 4.958 min
Delta R.T.: -0.006 min
Response: 2133691
Conc: 53.02 ng/ml



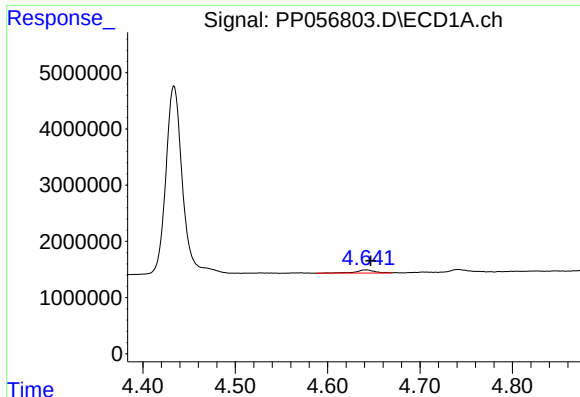
#7 AR-1016-5

R.T.: 6.104 min
Delta R.T.: 0.010 min
Response: 8069469
Conc: 172.10 ng/ml



#7 AR-1016-5

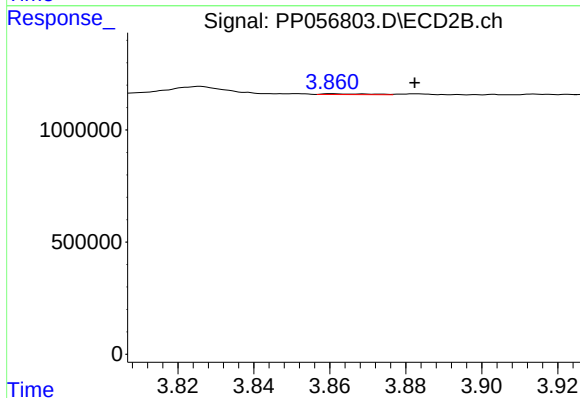
R.T.: 5.226 min
Delta R.T.: 0.004 min
Response: 6596165
Conc: 140.46 ng/ml



#8 AR-1221-1

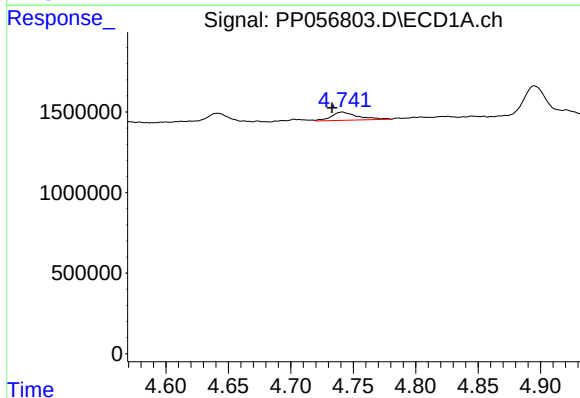
R.T.: 4.641 min
Delta R.T.: -0.005 min
Response: 800847
Conc: 30.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



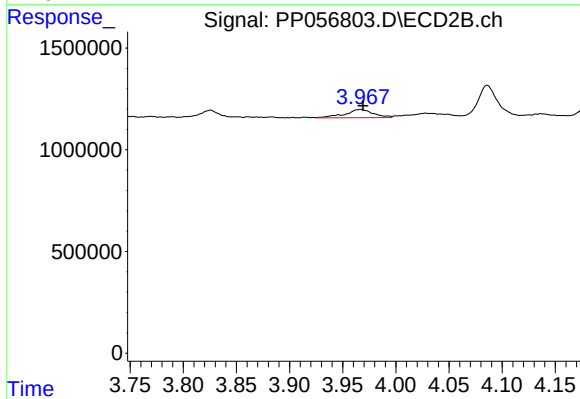
#8 AR-1221-1

R.T.: 3.861 min
Delta R.T.: -0.022 min
Response: 29330
Conc: 1.34 ng/ml



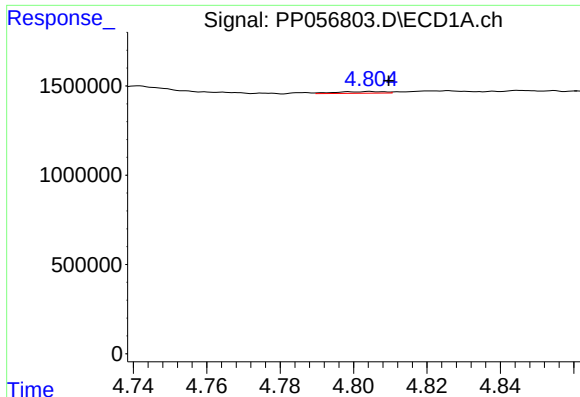
#9 AR-1221-2

R.T.: 4.741 min
Delta R.T.: 0.008 min
Response: 746478
Conc: 38.43 ng/ml



#9 AR-1221-2

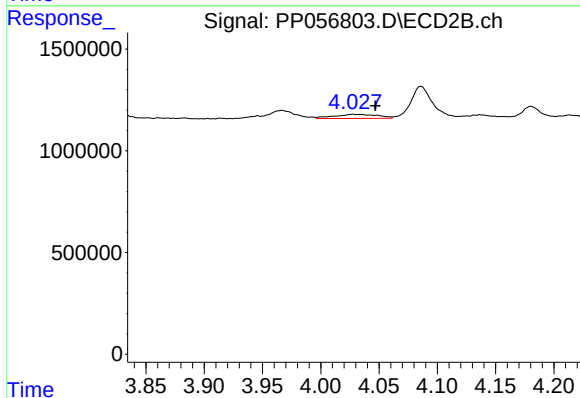
R.T.: 3.967 min
Delta R.T.: -0.002 min
Response: 735654
Conc: 44.78 ng/ml



#10 AR-1221-3

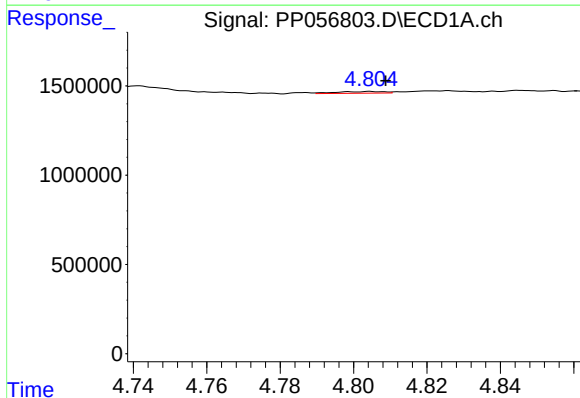
R.T.: 4.805 min
Delta R.T.: -0.005 min
Response: 85186
Conc: 1.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



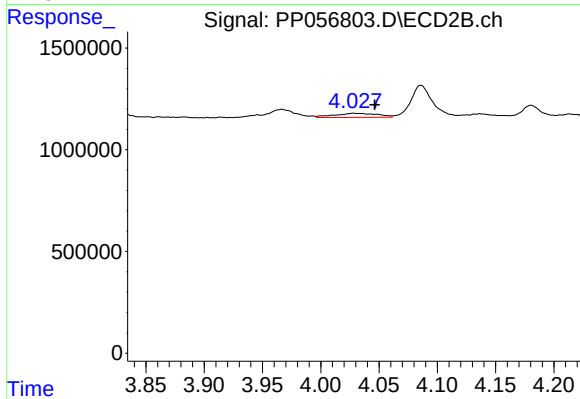
#10 AR-1221-3

R.T.: 4.028 min
Delta R.T.: -0.018 min
Response: 527786
Conc: 10.76 ng/ml



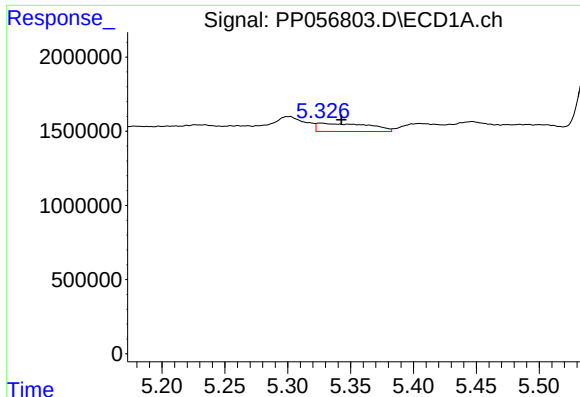
#11 AR-1232-1

R.T.: 4.805 min
Delta R.T.: -0.004 min
Response: 85186
Conc: 1.77 ng/ml



#11 AR-1232-1

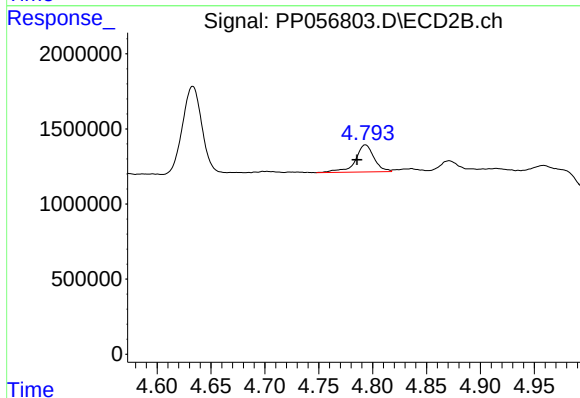
R.T.: 4.028 min
Delta R.T.: -0.018 min
Response: 527786
Conc: 12.83 ng/ml



#12 AR-1232-2

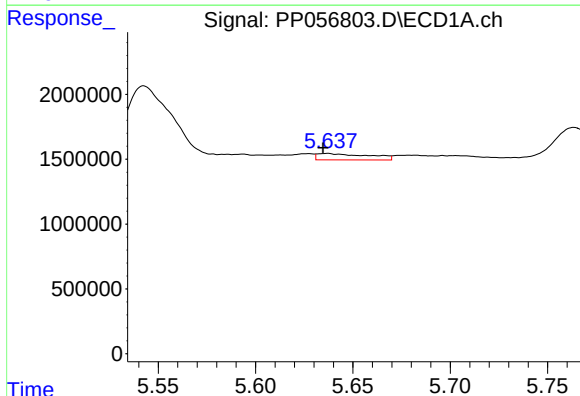
R.T.: 5.326 min
Delta R.T.: -0.016 min
Response: 1588306
Conc: 63.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



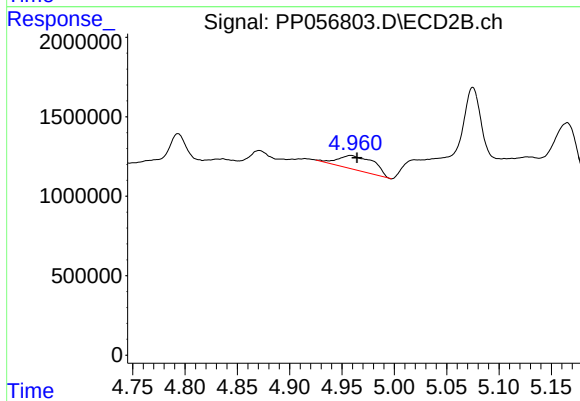
#12 AR-1232-2

R.T.: 4.793 min
Delta R.T.: 0.008 min
Response: 2194636
Conc: 64.03 ng/ml



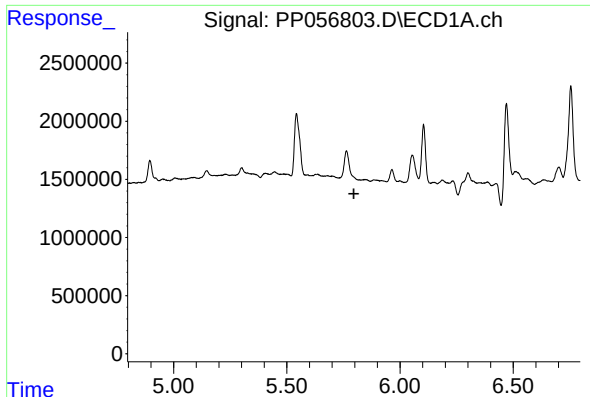
#13 AR-1232-3

R.T.: 5.637 min
Delta R.T.: 0.002 min
Response: 903212
Conc: 22.40 ng/ml



#13 AR-1232-3

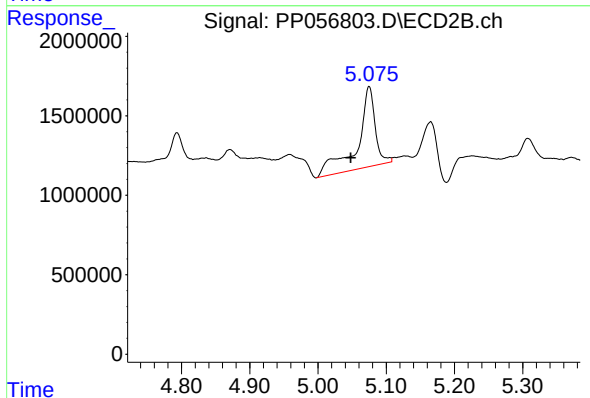
R.T.: 4.958 min
Delta R.T.: -0.006 min
Response: 2133691
Conc: 115.96 ng/ml



#14 AR-1232-4

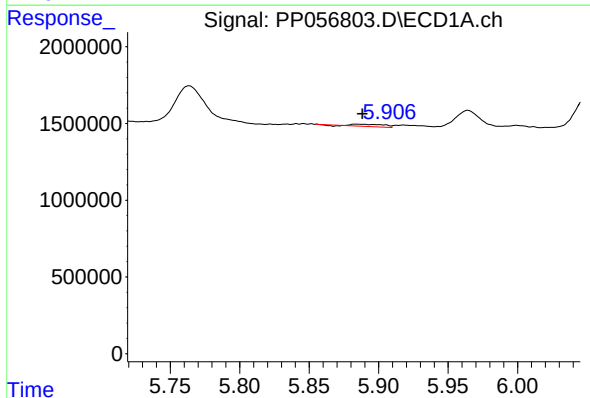
R.T.: 0.000 min
Exp R.T.: 5.796 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



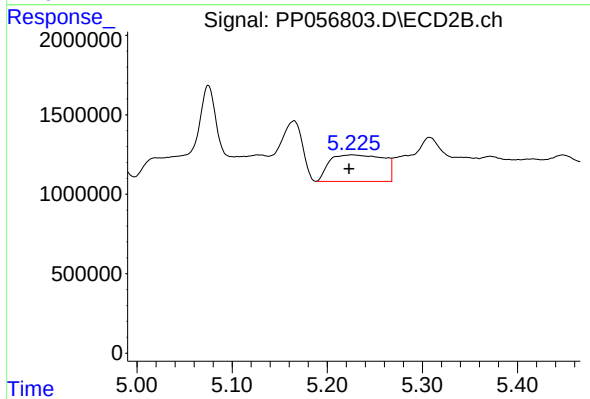
#14 AR-1232-4

R.T.: 5.075 min
Delta R.T.: 0.027 min
Response: 9142807
Conc: 477.11 ng/ml



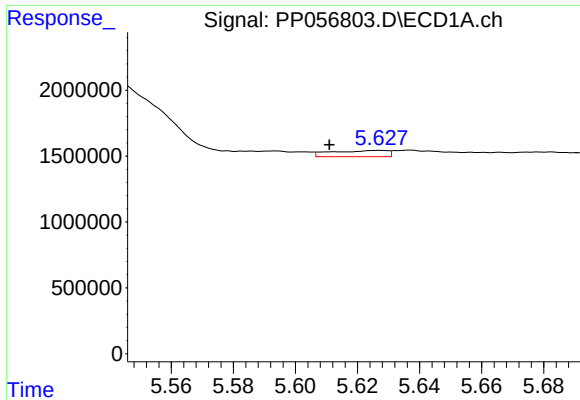
#15 AR-1232-5

R.T.: 5.884 min
Delta R.T.: -0.005 min
Response: 207912
Conc: 11.83 ng/ml



#15 AR-1232-5

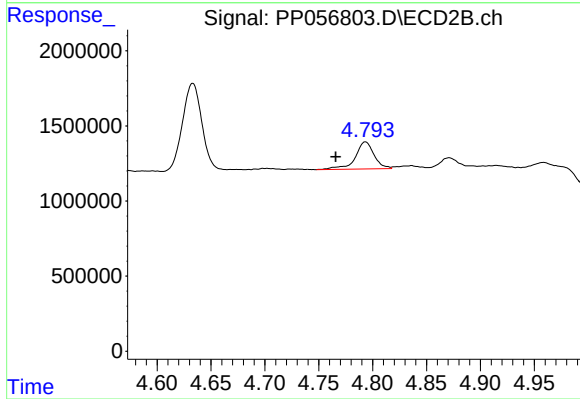
R.T.: 5.226 min
Delta R.T.: 0.004 min
Response: 6596165
Conc: 310.31 ng/ml



#16 AR-1242-1

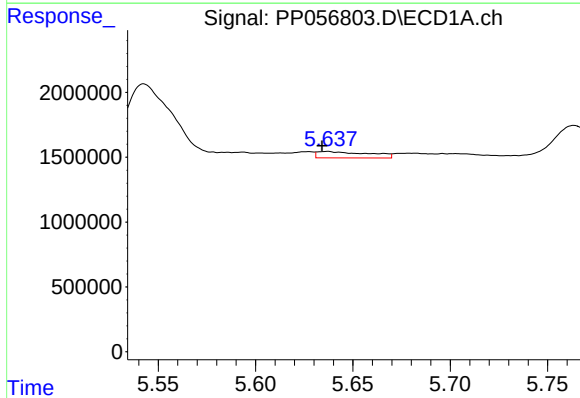
R.T.: 5.627 min
Delta R.T.: 0.016 min
Response: 597627
Conc: 11.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



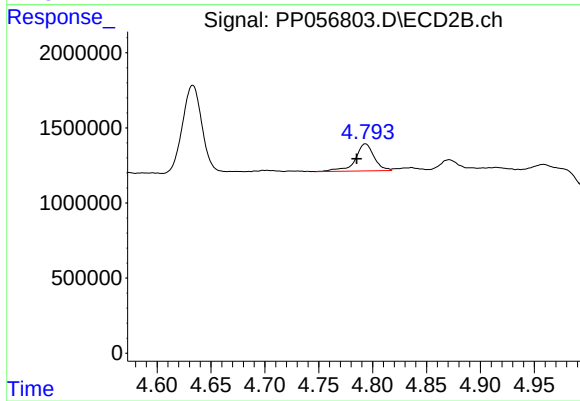
#16 AR-1242-1

R.T.: 4.793 min
Delta R.T.: 0.028 min
Response: 2194636
Conc: 51.03 ng/ml



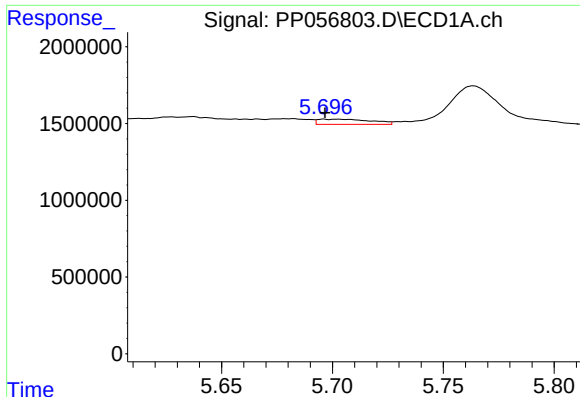
#17 AR-1242-2

R.T.: 5.637 min
Delta R.T.: 0.002 min
Response: 903212
Conc: 12.40 ng/ml



#17 AR-1242-2

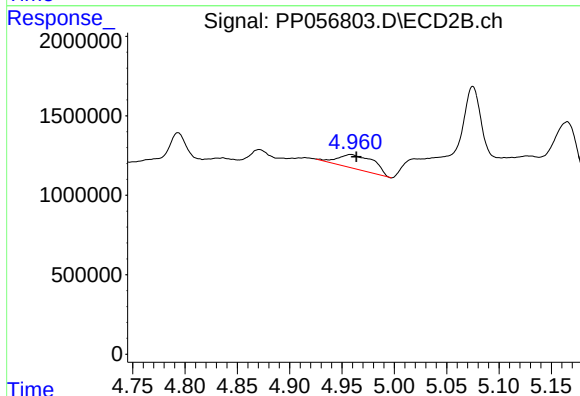
R.T.: 4.793 min
Delta R.T.: 0.008 min
Response: 2194636
Conc: 36.88 ng/ml



#18 AR-1242-3

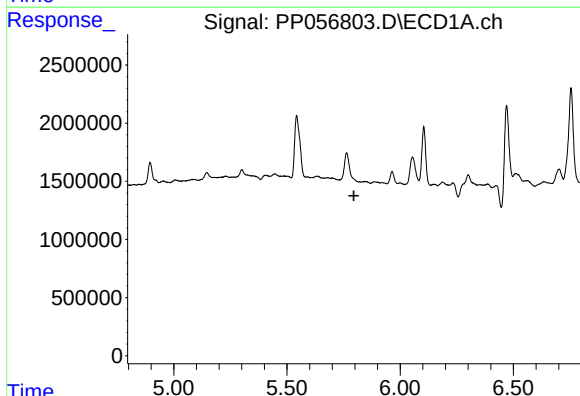
R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 566493
Conc: 12.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



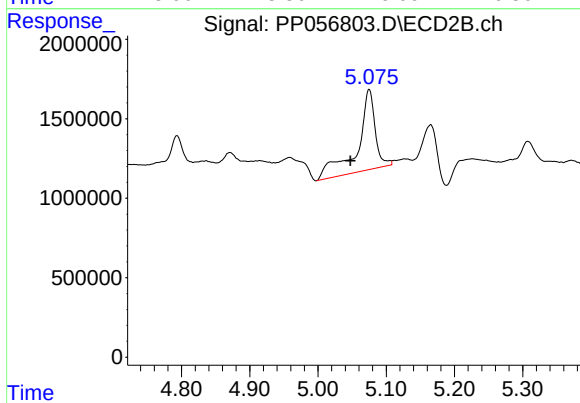
#18 AR-1242-3

R.T.: 4.958 min
Delta R.T.: -0.005 min
Response: 2133691
Conc: 66.13 ng/ml



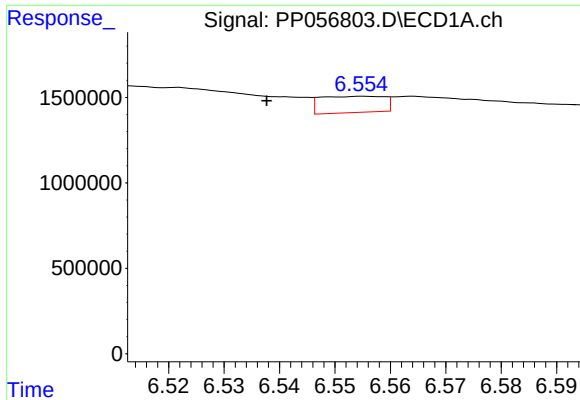
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.796 min
Response: 0
Conc: N.D.



#19 AR-1242-4

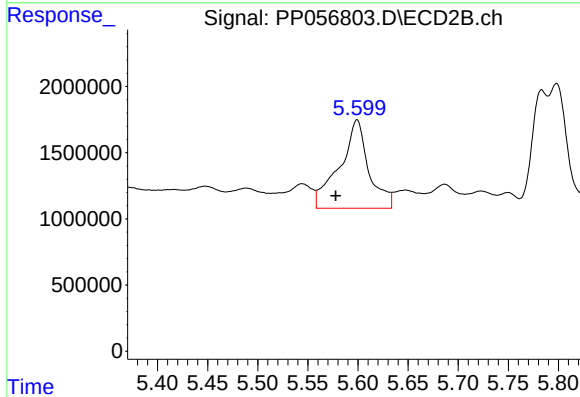
R.T.: 5.075 min
Delta R.T.: 0.027 min
Response: 9142807
Conc: 250.93 ng/ml



#20 AR-1242-5

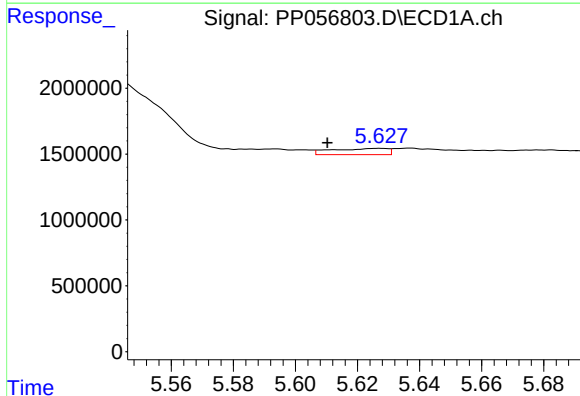
R.T.: 6.555 min
Delta R.T.: 0.018 min
Response: 763311
Conc: 23.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



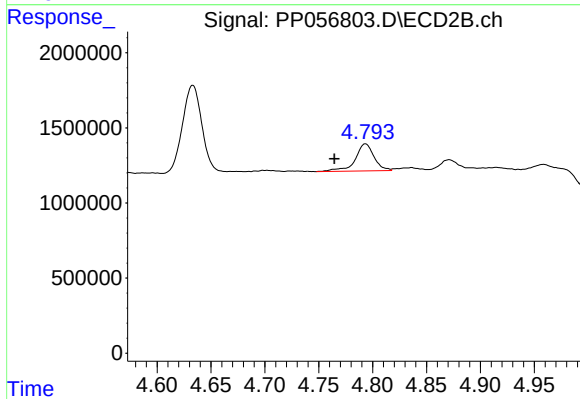
#20 AR-1242-5

R.T.: 5.599 min
Delta R.T.: 0.021 min
Response: 13561222
Conc: 340.12 ng/ml



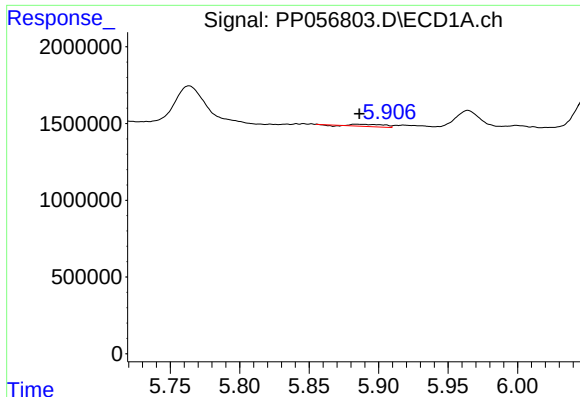
#21 AR-1248-1

R.T.: 5.627 min
Delta R.T.: 0.017 min
Response: 597627
Conc: 15.93 ng/ml



#21 AR-1248-1

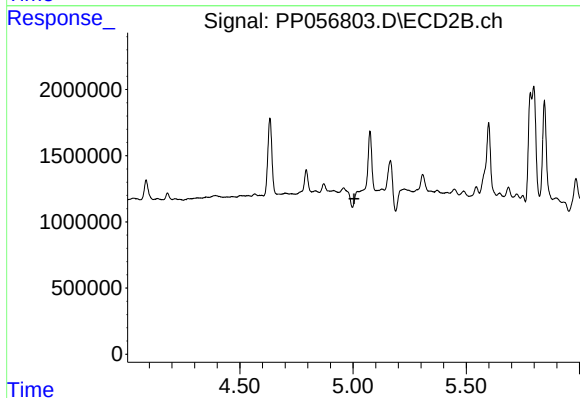
R.T.: 4.793 min
Delta R.T.: 0.029 min
Response: 2194636
Conc: 66.67 ng/ml



#22 AR-1248-2

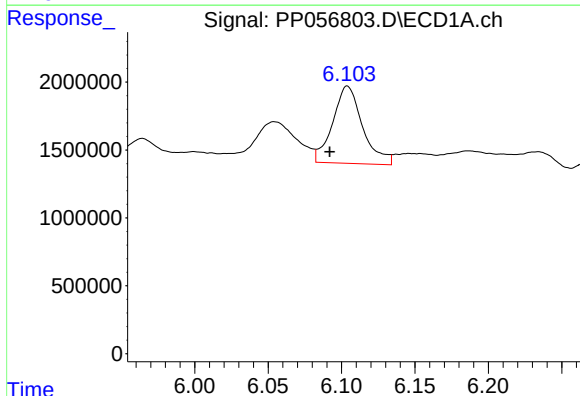
R.T.: 5.884 min
Delta R.T.: -0.003 min
Response: 207912
Conc: 3.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



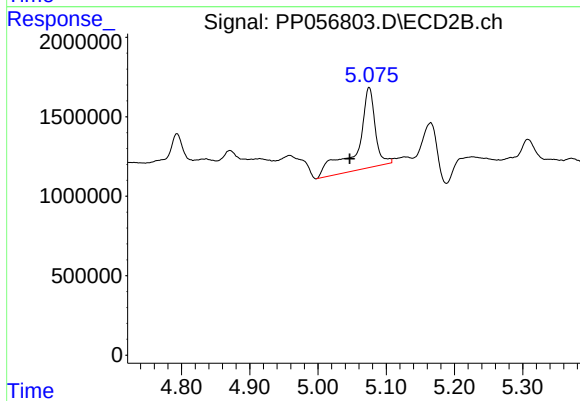
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.004 min
Response: 0
Conc: N.D.



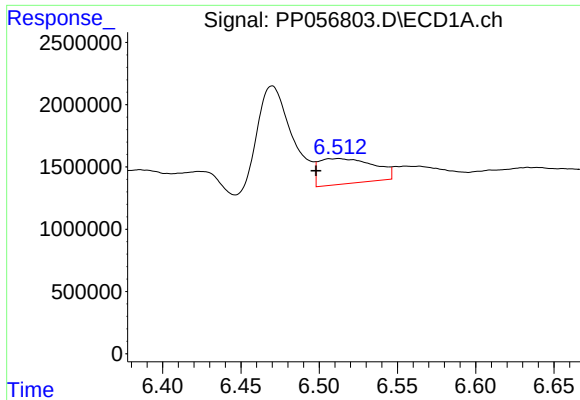
#23 AR-1248-3

R.T.: 6.104 min
Delta R.T.: 0.012 min
Response: 8069469
Conc: 126.66 ng/ml



#23 AR-1248-3

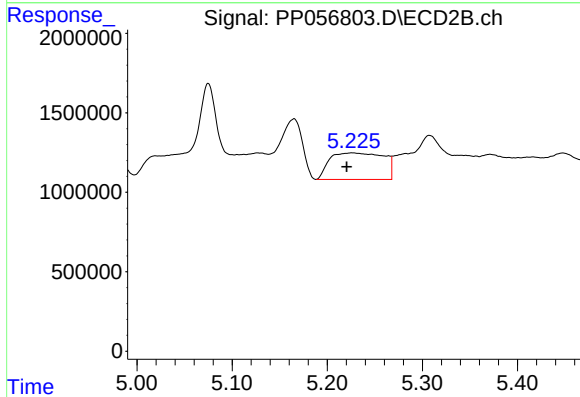
R.T.: 5.075 min
Delta R.T.: 0.028 min
Response: 9142807
Conc: 170.32 ng/ml



#24 AR-1248-4

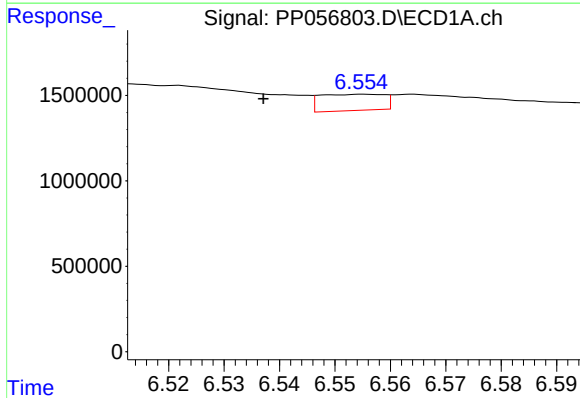
R.T.: 6.512 min
Delta R.T.: 0.014 min
Response: 4914685
Conc: 84.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



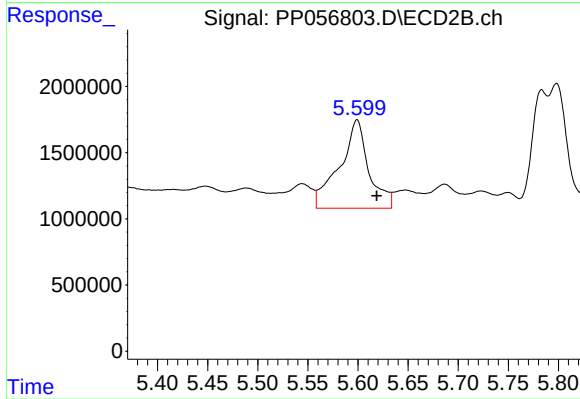
#24 AR-1248-4

R.T.: 5.226 min
Delta R.T.: 0.006 min
Response: 6596165
Conc: 106.60 ng/ml



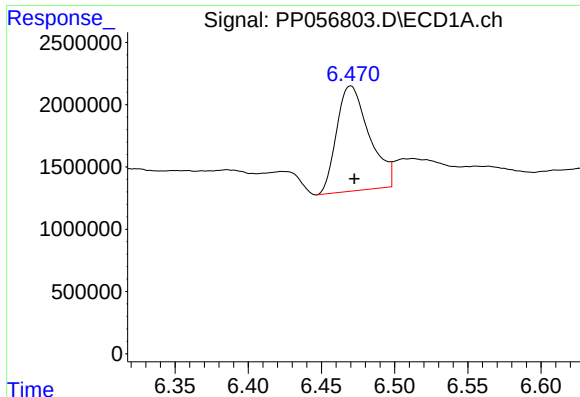
#25 AR-1248-5

R.T.: 6.555 min
Delta R.T.: 0.018 min
Response: 763311
Conc: 13.51 ng/ml



#25 AR-1248-5

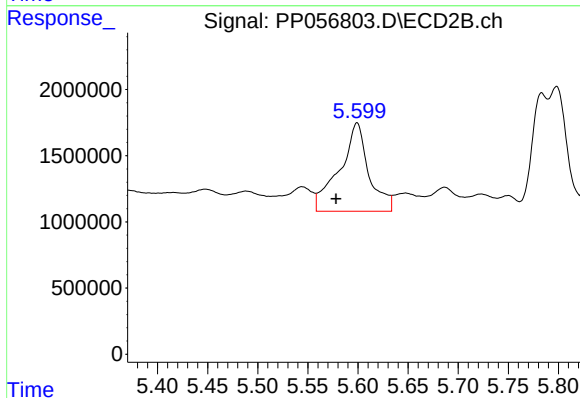
R.T.: 5.599 min
Delta R.T.: -0.020 min
Response: 13561222
Conc: 264.13 ng/ml



#26 AR-1254-1

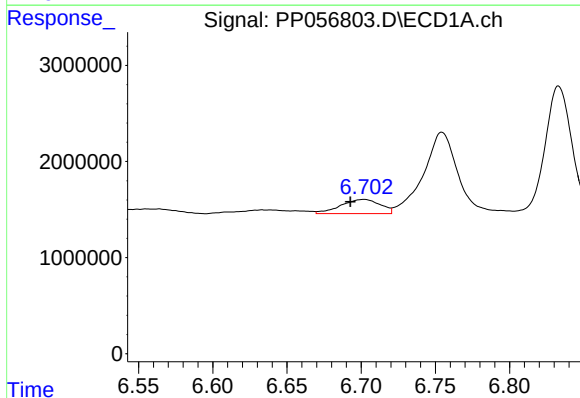
R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 13086636
Conc: 184.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



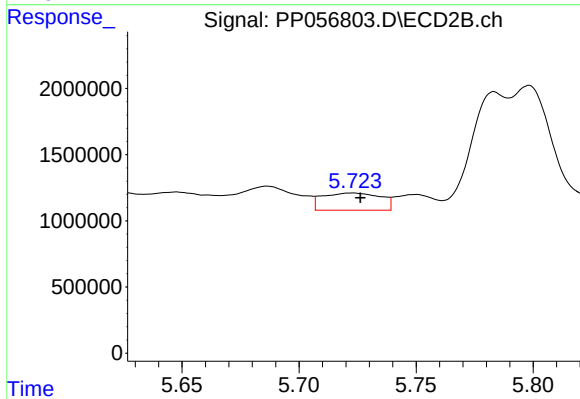
#26 AR-1254-1

R.T.: 5.599 min
Delta R.T.: 0.021 min
Response: 13561222
Conc: 147.22 ng/ml



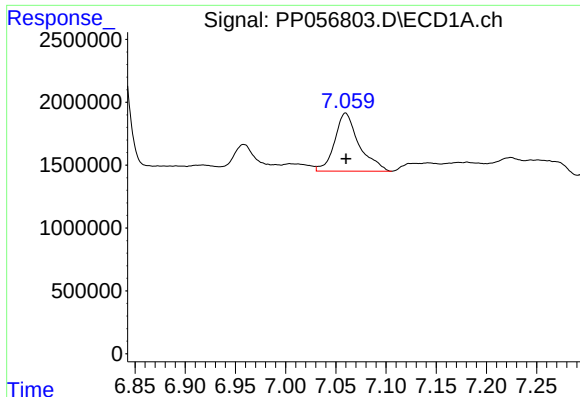
#27 AR-1254-2

R.T.: 6.702 min
Delta R.T.: 0.009 min
Response: 2734250
Conc: 26.96 ng/ml



#27 AR-1254-2

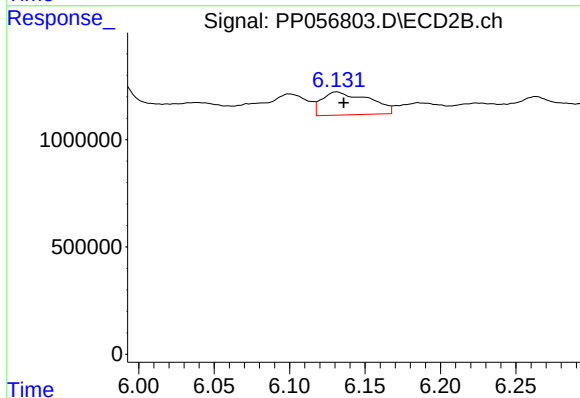
R.T.: 5.723 min
Delta R.T.: -0.004 min
Response: 2236782
Conc: 27.83 ng/ml



#28 AR-1254-3

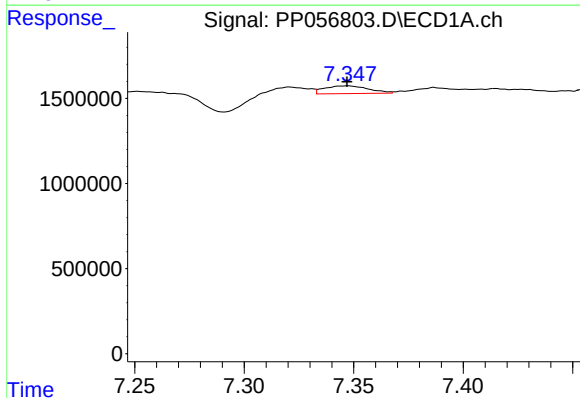
R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 7816351
Conc: 80.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



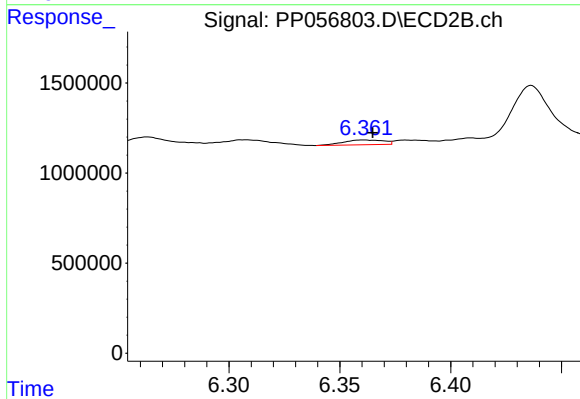
#28 AR-1254-3

R.T.: 6.131 min
Delta R.T.: -0.005 min
Response: 2333341
Conc: 18.88 ng/ml



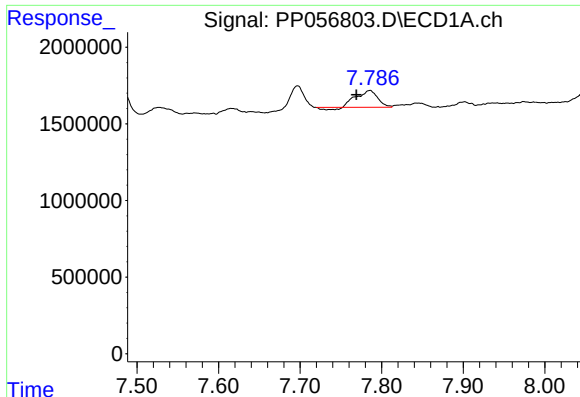
#29 AR-1254-4

R.T.: 7.347 min
Delta R.T.: 0.000 min
Response: 641174
Conc: 10.51 ng/ml



#29 AR-1254-4

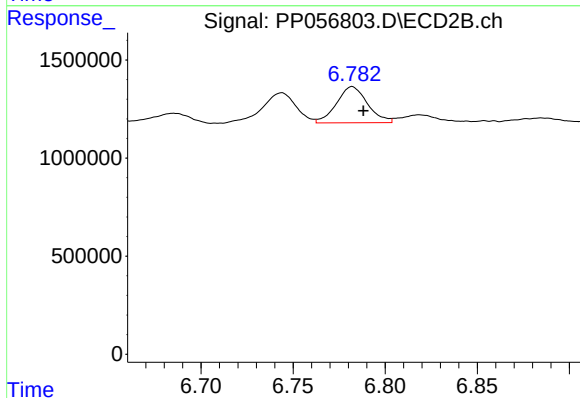
R.T.: 6.361 min
Delta R.T.: -0.004 min
Response: 331251
Conc: 5.21 ng/ml



#30 AR-1254-5

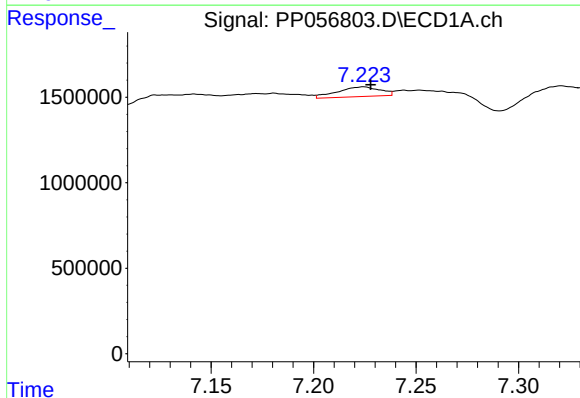
R.T.: 7.785 min
Delta R.T.: 0.017 min
Response: 1923842
Conc: 28.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



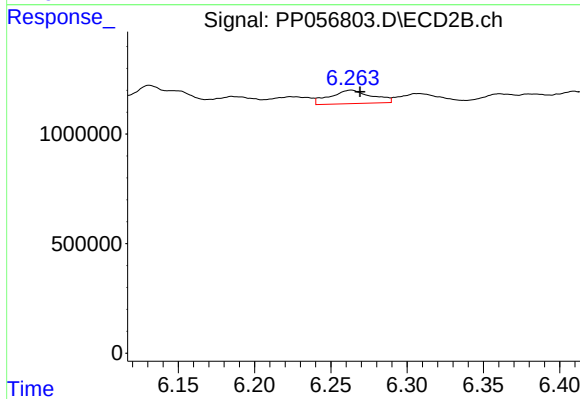
#30 AR-1254-5

R.T.: 6.782 min
Delta R.T.: -0.006 min
Response: 2159985
Conc: 20.54 ng/ml



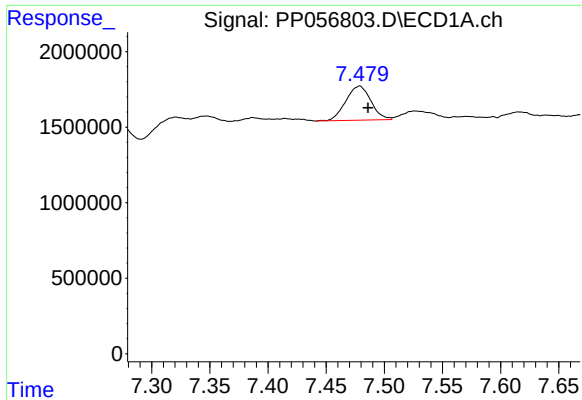
#31 AR-1260-1

R.T.: 7.224 min
Delta R.T.: -0.004 min
Response: 818309
Conc: 10.05 ng/ml



#31 AR-1260-1

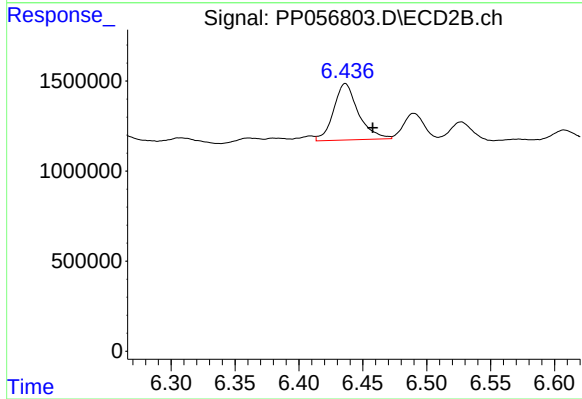
R.T.: 6.263 min
Delta R.T.: -0.006 min
Response: 1167819
Conc: 12.21 ng/ml



#32 AR-1260-2

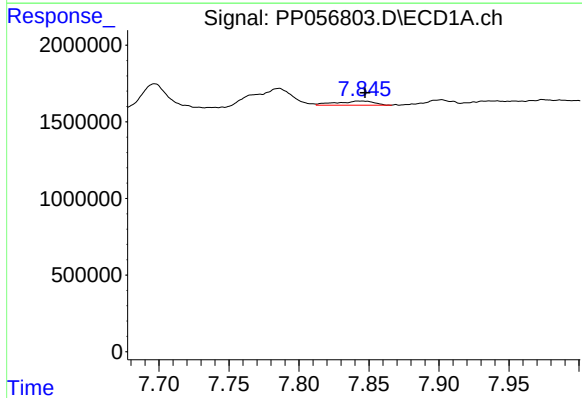
R.T.: 7.479 min
Delta R.T.: -0.007 min
Response: 3394018
Conc: 39.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



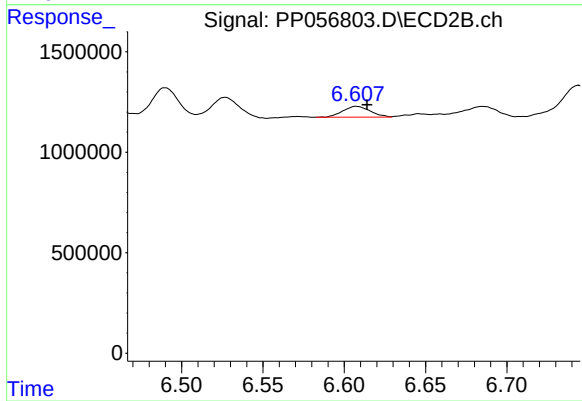
#32 AR-1260-2

R.T.: 6.436 min
Delta R.T.: -0.021 min
Response: 4220804
Conc: 40.87 ng/ml



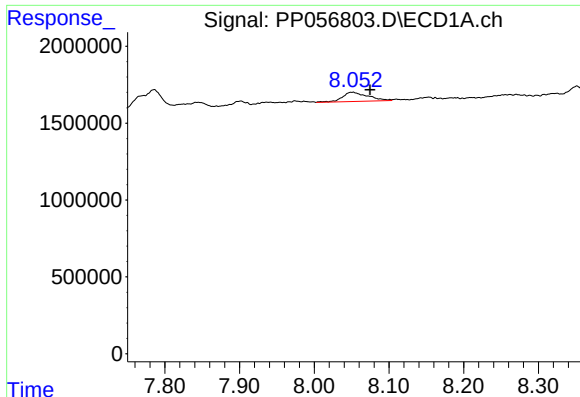
#33 AR-1260-3

R.T.: 7.844 min
Delta R.T.: -0.003 min
Response: 509292
Conc: 7.29 ng/ml



#33 AR-1260-3

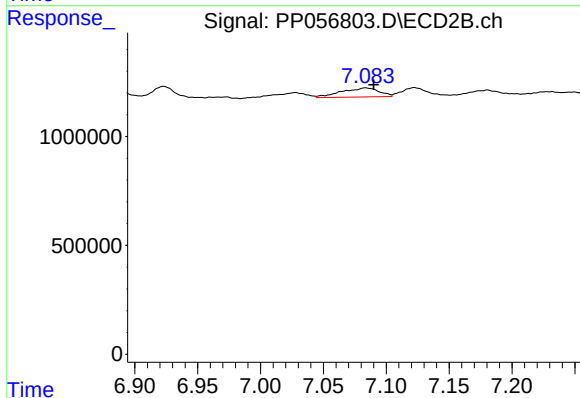
R.T.: 6.608 min
Delta R.T.: -0.006 min
Response: 632913
Conc: 6.10 ng/ml



#34 AR-1260-4

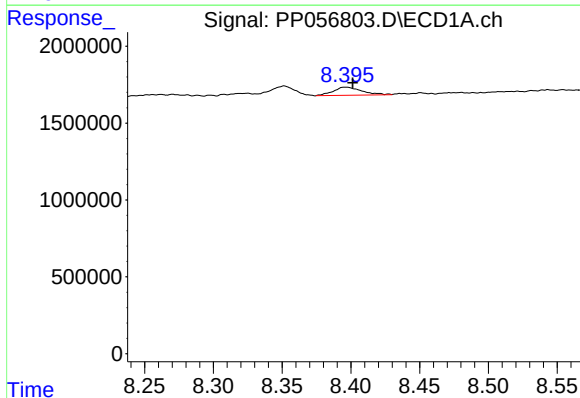
R.T.: 8.051 min
Delta R.T.: -0.024 min
Response: 1437818
Conc: 18.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



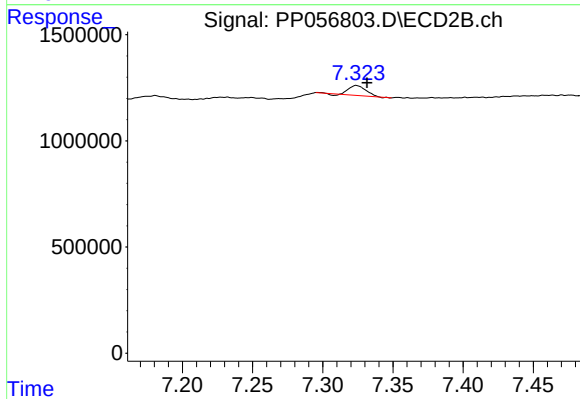
#34 AR-1260-4

R.T.: 7.083 min
Delta R.T.: -0.007 min
Response: 868192
Conc: 10.17 ng/ml



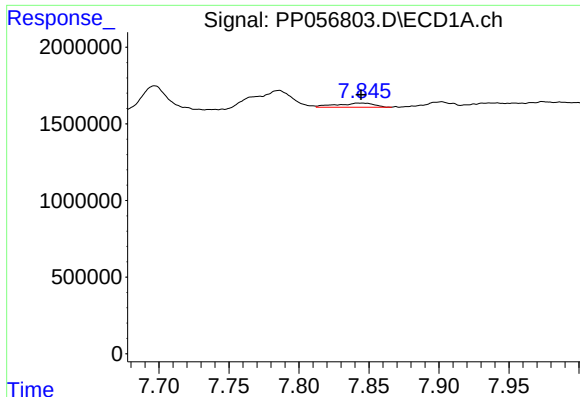
#35 AR-1260-5

R.T.: 8.396 min
Delta R.T.: -0.005 min
Response: 752263
Conc: 5.94 ng/ml



#35 AR-1260-5

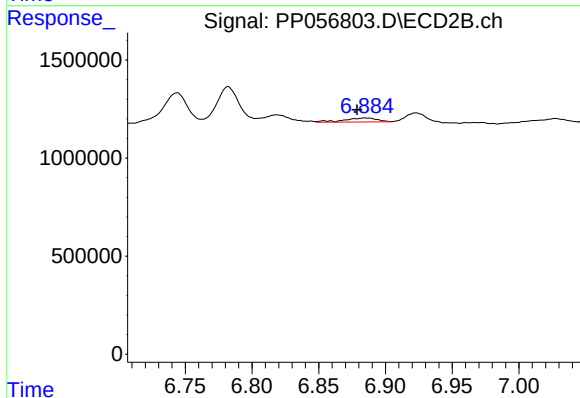
R.T.: 7.324 min
Delta R.T.: -0.007 min
Response: 386344
Conc: 2.44 ng/ml



#36 AR-1262-1

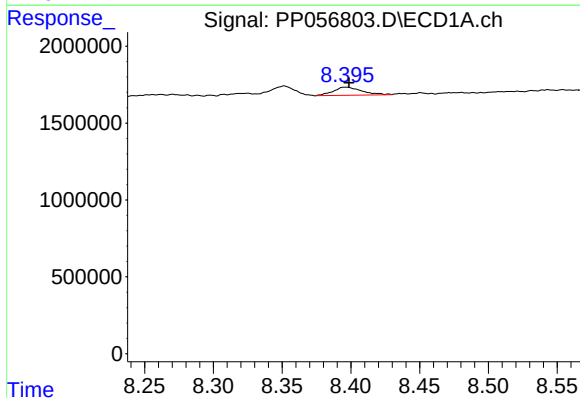
R.T.: 7.844 min
Delta R.T.: 0.000 min
Response: 509292
Conc: 5.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



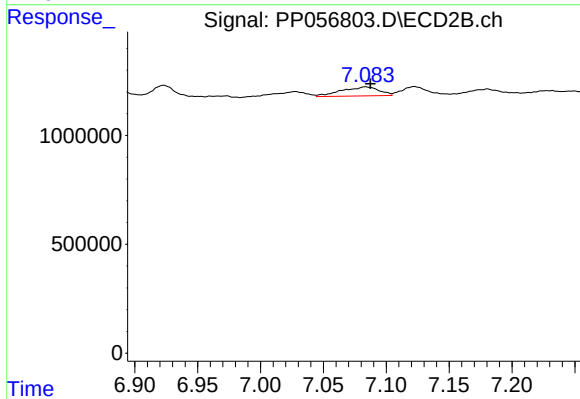
#36 AR-1262-1

R.T.: 6.885 min
Delta R.T.: 0.006 min
Response: 362812
Conc: 7.75 ng/ml



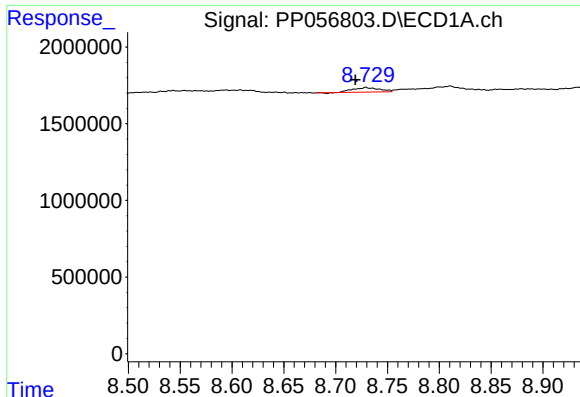
#37 AR-1262-2

R.T.: 8.396 min
Delta R.T.: -0.002 min
Response: 752263
Conc: 5.81 ng/ml



#37 AR-1262-2

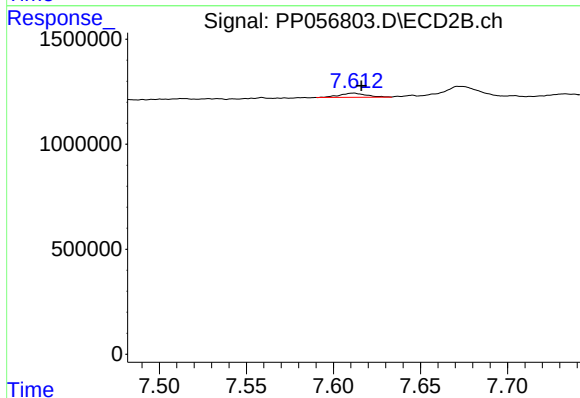
R.T.: 7.083 min
Delta R.T.: -0.004 min
Response: 868192
Conc: 8.88 ng/ml



#38 AR-1262-3

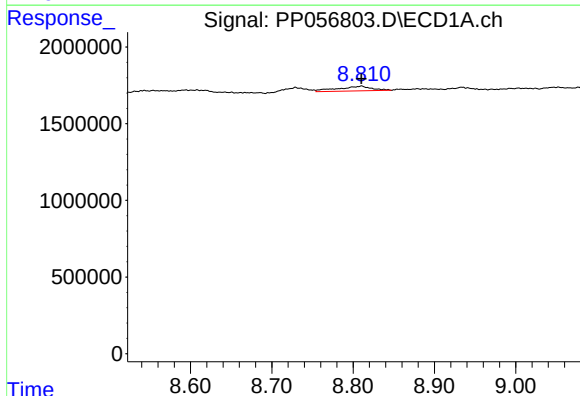
R.T.: 8.729 min
Delta R.T.: 0.010 min
Response: 523730
Conc: 5.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



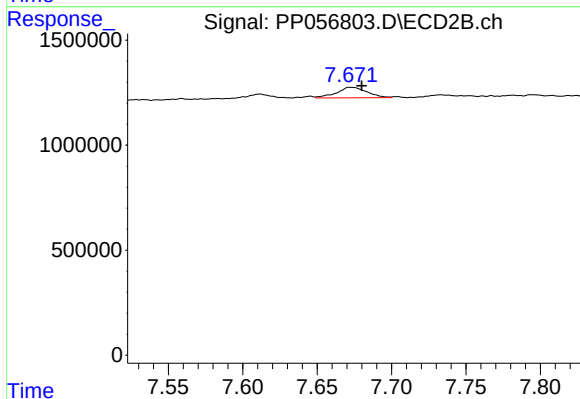
#38 AR-1262-3

R.T.: 7.611 min
Delta R.T.: -0.005 min
Response: 213276
Conc: 3.21 ng/ml



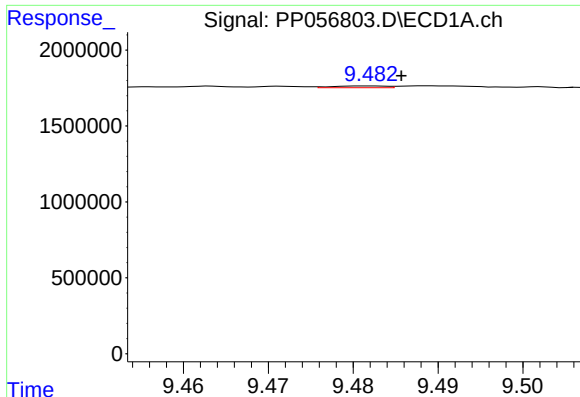
#39 AR-1262-4

R.T.: 8.810 min
Delta R.T.: 0.000 min
Response: 895399
Conc: 19.72 ng/ml



#39 AR-1262-4

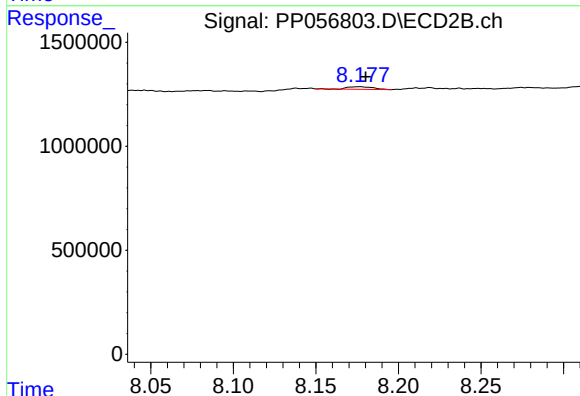
R.T.: 7.673 min
Delta R.T.: -0.007 min
Response: 720401
Conc: 6.11 ng/ml



#40 AR-1262-5

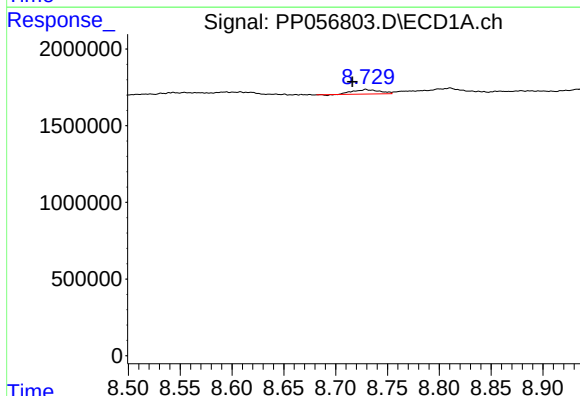
R.T.: 9.482 min
Delta R.T.: -0.004 min
Response: 49611
Conc: 1.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



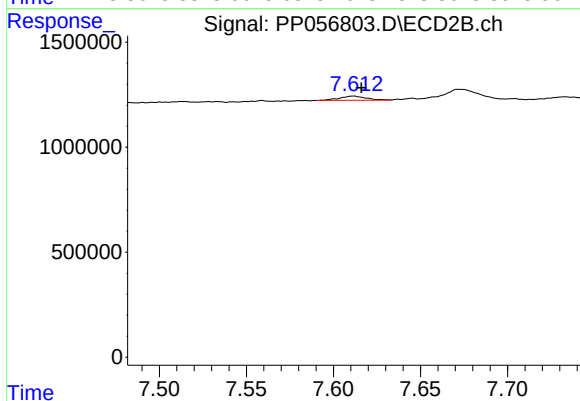
#40 AR-1262-5

R.T.: 8.176 min
Delta R.T.: -0.004 min
Response: 129728
Conc: 2.66 ng/ml



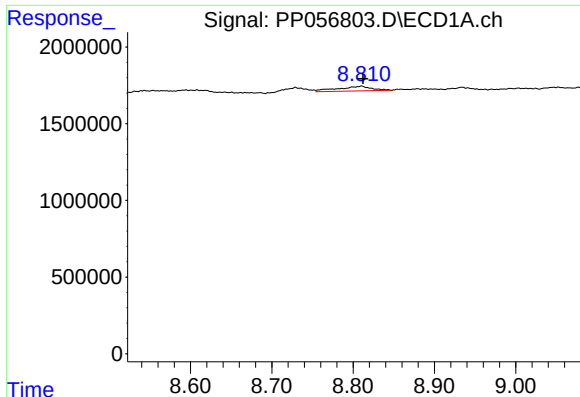
#41 AR-1268-1

R.T.: 8.729 min
Delta R.T.: 0.013 min
Response: 523730
Conc: 2.81 ng/ml



#41 AR-1268-1

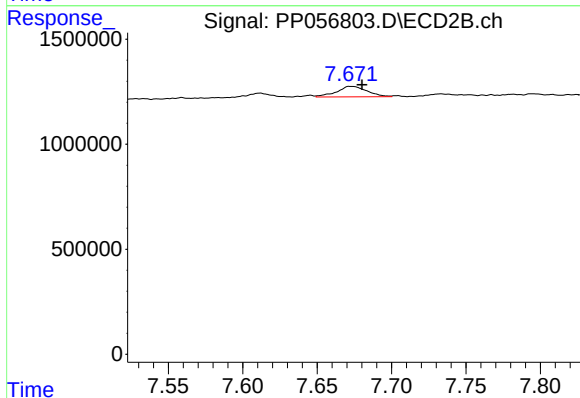
R.T.: 7.611 min
Delta R.T.: -0.005 min
Response: 213276
Conc: 0.96 ng/ml



#42 AR-1268-2

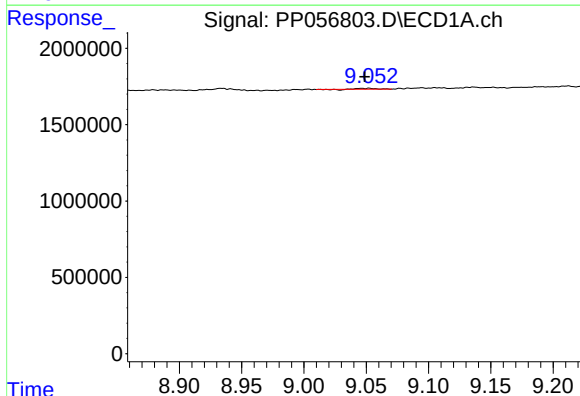
R.T.: 8.810 min
Delta R.T.: -0.002 min
Response: 895399
Conc: 5.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



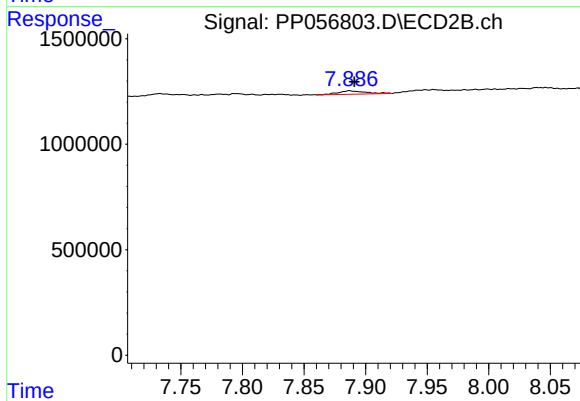
#42 AR-1268-2

R.T.: 7.673 min
Delta R.T.: -0.007 min
Response: 720401
Conc: 3.71 ng/ml



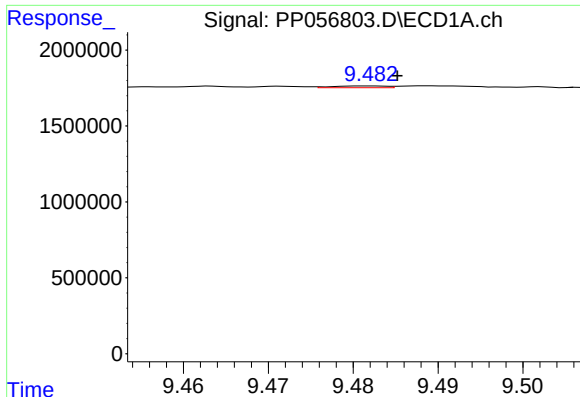
#43 AR-1268-3

R.T.: 9.053 min
Delta R.T.: 0.004 min
Response: 55237
Conc: 0.35 ng/ml



#43 AR-1268-3

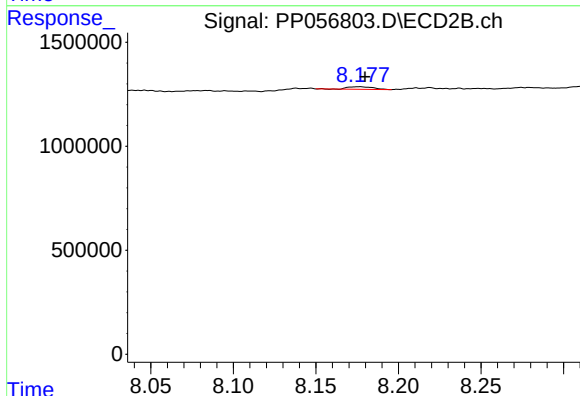
R.T.: 7.887 min
Delta R.T.: -0.004 min
Response: 244581
Conc: 1.23 ng/ml



#44 AR-1268-4

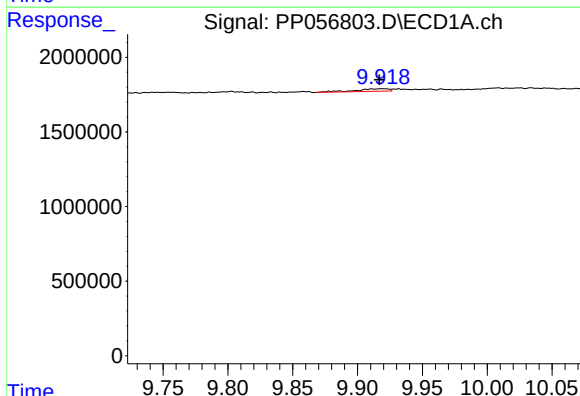
R.T.: 9.482 min
Delta R.T.: -0.003 min
Response: 49611
Conc: 1.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



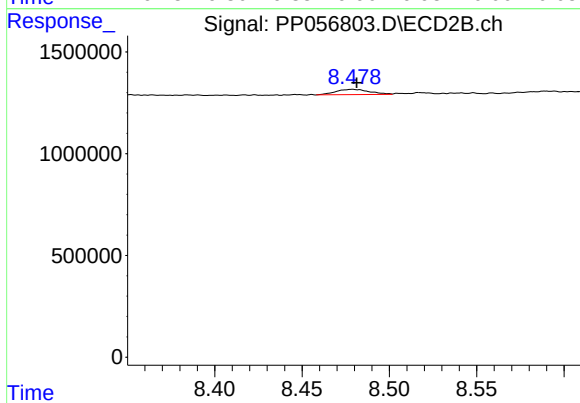
#44 AR-1268-4

R.T.: 8.176 min
Delta R.T.: -0.003 min
Response: 129728
Conc: 2.24 ng/ml



#45 AR-1268-5

R.T.: 9.919 min
Delta R.T.: 0.002 min
Response: 299908
Conc: 0.70 ng/ml



#45 AR-1268-5

R.T.: 8.479 min
Delta R.T.: -0.002 min
Response: 353770
Conc: 0.70 ng/ml