

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP083122\
 Data File : PP051083.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Aug 2022 16:00
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 16:13:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP082622.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 26 17:33:33 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...	4.464	3.719	83030416	84635721	44.555	48.030
2) SA Decachlor...	10.269	8.802	88311425	55373987	48.954	51.834
Target Compounds						
3) L1 AR-1016-1	5.635	4.819	18413334	16292460	304.850	333.741
4) L1 AR-1016-2	5.657	4.838	21864037	16912229	248.647	240.701
5) L1 AR-1016-3	5.720	5.019	11146021	11482239	197.351	293.088 #
6) L1 AR-1016-4	5.818	5.058	12328001	22842646	275.686	691.247 #
7) L1 AR-1016-5	6.114	5.275	31434447	28229592	627.460	660.789
8) L2 AR-1221-1	4.667	3.931	264022	191297	11.479	9.711
9) L2 AR-1221-2	4.770	4.023	1254574	1535417	72.771	104.867 #
10) L2 AR-1221-3	4.834	4.099	1466034	1578389	28.428	35.873 #
11) L3 AR-1232-1	4.834	4.099	1466034	1578389	35.132	44.816 #
12) L3 AR-1232-2	5.367	4.838	8526798	16912229	382.267	546.101 #
13) L3 AR-1232-3	5.657	5.019	21864037	11482239	564.907	695.675
14) L3 AR-1232-4	5.818	5.100	12328001	23984452	633.453	1513.346 #
15) L3 AR-1232-5	5.909	5.275	28772643	28229592	1571.468	1542.373
16) L4 AR-1242-1	5.635	4.819	18413334	16292460	372.592	406.149
17) L4 AR-1242-2	5.657	4.838	21864037	16912229	306.190	296.620
18) L4 AR-1242-3	5.720	5.019	11146021	11482239	243.428	360.524 #
19) L4 AR-1242-4	5.818	5.100	12328001	23984452	341.829	729.503 #
20) L4 AR-1242-5	6.558	5.629	31601331	35956875	790.879	1039.797 #
21) L5 AR-1248-1	5.635	4.819	18413334	16292460	458.872	498.041
22) L5 AR-1248-2	5.909	5.058	28772643	22842646	431.164	464.204
23) L5 AR-1248-3	6.114	5.100	31434447	23984452	441.007	467.377
24) L5 AR-1248-4	6.519	5.275	32818879	28229592	475.761	476.364
25) L5 AR-1248-5	6.558	5.671	31601331	24865278	447.285	517.897
26) L6 AR-1254-1	6.492	5.629	26202454	35956875	328.771	446.737 #
27) L6 AR-1254-2	6.715	5.777	33558013	11046971	284.191	158.342 #
28) L6 AR-1254-3	7.079	6.186	18758772	17300288	163.943	161.489
29) L6 AR-1254-4	7.364	6.415	12218261	11419819	177.423	228.585 #
30) L6 AR-1254-5	7.785	6.837	3648804	3610736	43.708	42.526
31) L7 AR-1260-1	7.245	6.333	2305687	8356982	24.350	110.555 #
32) L7 AR-1260-2	7.500	6.505	3493327	1873480	34.529	22.309 #
33) L7 AR-1260-3	7.850	6.662	714569	3383981	8.716	40.676 #
34) L7 AR-1260-4	8.075	7.136	1720917	272716	19.018	4.275 #
35) L7 AR-1260-5	8.413	7.377	1020113	475123	6.659	3.797 #
36) L8 AR-1262-1	7.850	6.908f	714569	240111	6.320	2.608 #
37) L8 AR-1262-2	8.413	7.136	1020113	272716	6.203	3.335 #
38) L8 AR-1262-3	0.000	7.667	0	291184	N.D.	5.752 #
39) L8 AR-1262-4	0.000	7.726	0	666502	N.D.	6.986 #
40) L8 AR-1262-5	9.491	8.233	204450	92840	3.891	2.827 #
41) L9 AR-1268-1	0.000	7.667	0	291184	N.D.	1.830 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP083122\
 Data File : PP051083.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Aug 2022 16:00
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

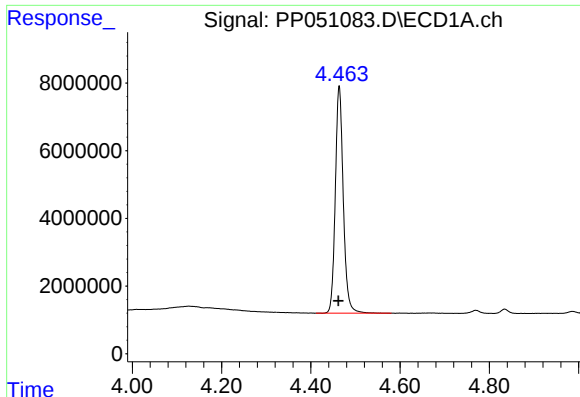
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 16:13:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP082622.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 26 17:33:33 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
42) L9	AR-1268-2	0.000	7.726	0	666502	N.D.	4.430 #
43) L9	AR-1268-3	9.058	7.943	173774	163720	0.897	1.248 #
44) L9	AR-1268-4	9.491	8.233	204450	92840	3.586	2.413 #
45) L9	AR-1268-5	9.921	8.533	695656	283478	1.283	0.893 #

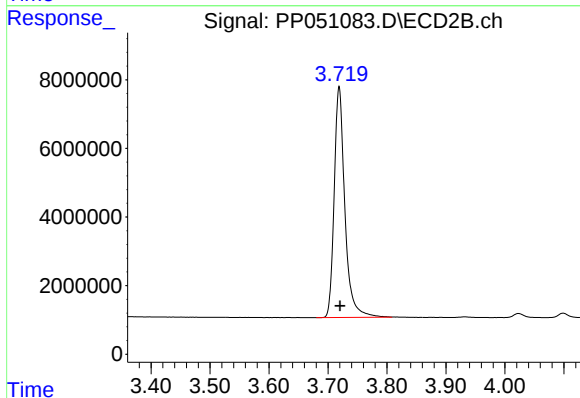
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

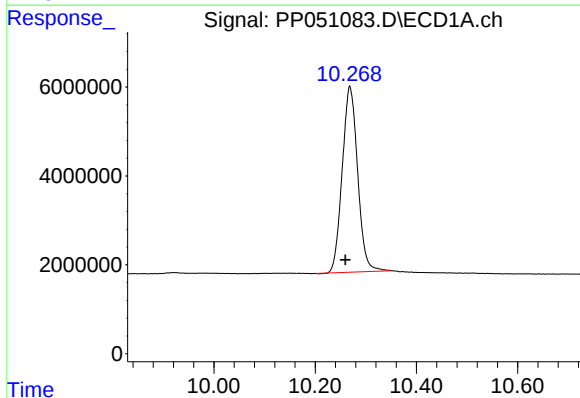
R.T.: 4.464 min
Delta R.T.: 0.002 min
Response: 83030416
Conc: 44.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



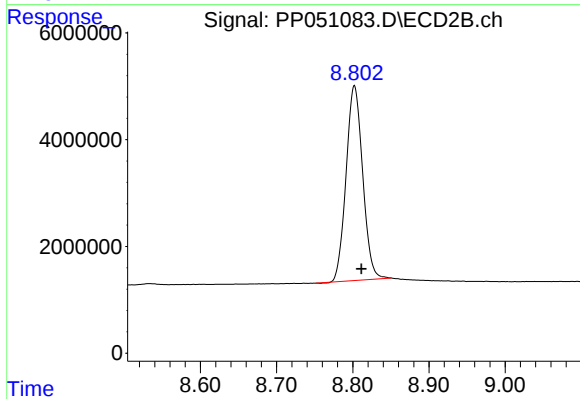
#1 Tetrachloro-m-xylene

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 84635721
Conc: 48.03 ng/ml



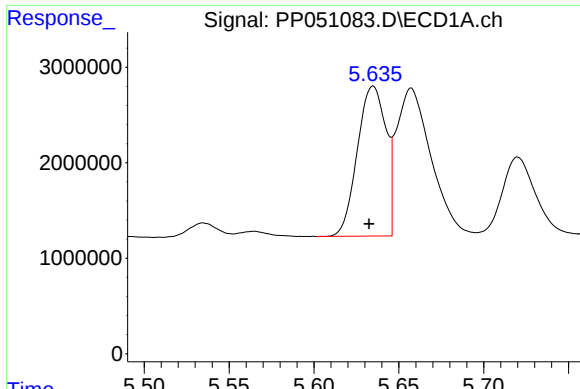
#2 Decachlorobiphenyl

R.T.: 10.269 min
Delta R.T.: 0.009 min
Response: 88311425
Conc: 48.95 ng/ml



#2 Decachlorobiphenyl

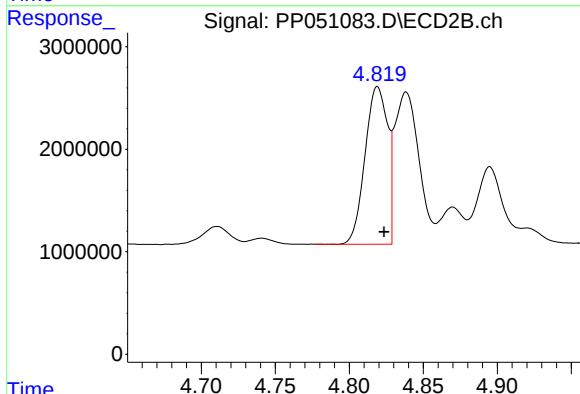
R.T.: 8.802 min
Delta R.T.: -0.009 min
Response: 55373987
Conc: 51.83 ng/ml



#3 AR-1016-1

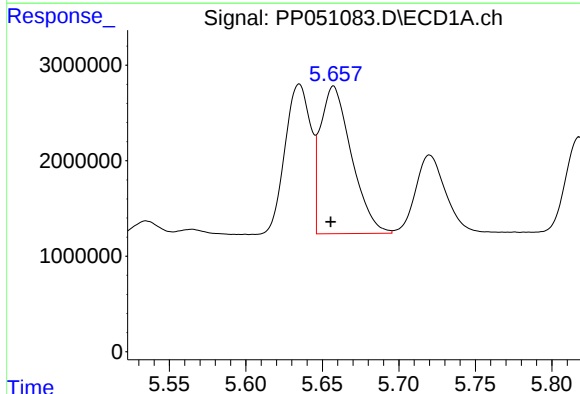
R.T.: 5.635 min
Delta R.T.: 0.002 min
Response: 18413334
Conc: 304.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



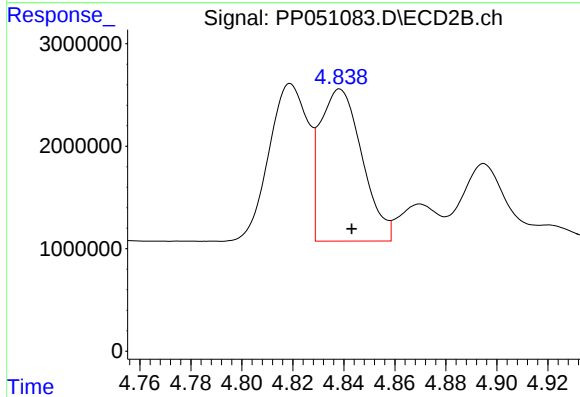
#3 AR-1016-1

R.T.: 4.819 min
Delta R.T.: -0.004 min
Response: 16292460
Conc: 333.74 ng/ml



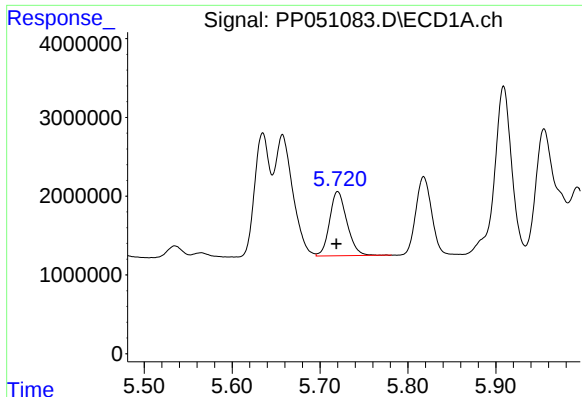
#4 AR-1016-2

R.T.: 5.657 min
Delta R.T.: 0.002 min
Response: 21864037
Conc: 248.65 ng/ml



#4 AR-1016-2

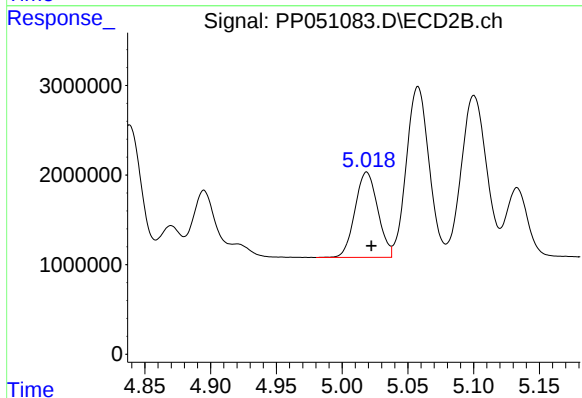
R.T.: 4.838 min
Delta R.T.: -0.005 min
Response: 16912229
Conc: 240.70 ng/ml



#5 AR-1016-3

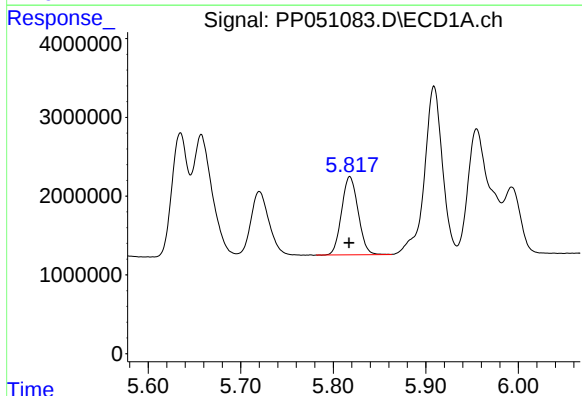
R.T.: 5.720 min
Delta R.T.: 0.002 min
Response: 11146021
Conc: 197.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



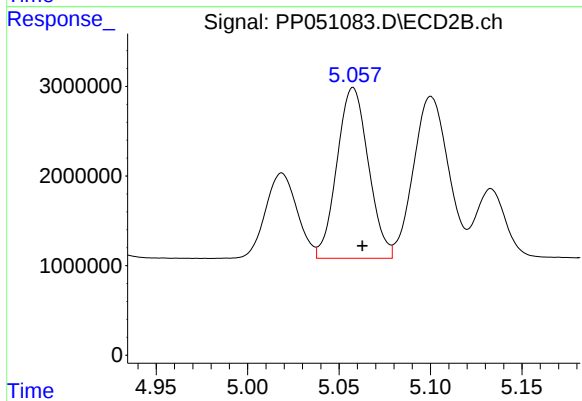
#5 AR-1016-3

R.T.: 5.019 min
Delta R.T.: -0.004 min
Response: 11482239
Conc: 293.09 ng/ml



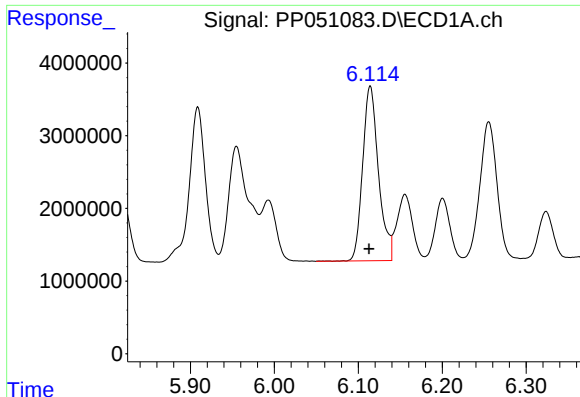
#6 AR-1016-4

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 12328001
Conc: 275.69 ng/ml



#6 AR-1016-4

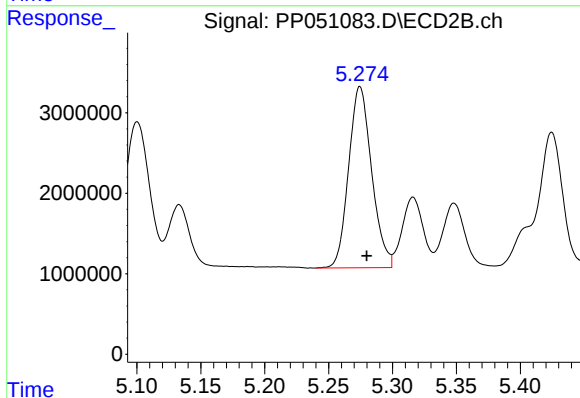
R.T.: 5.058 min
Delta R.T.: -0.005 min
Response: 22842646
Conc: 691.25 ng/ml



#7 AR-1016-5

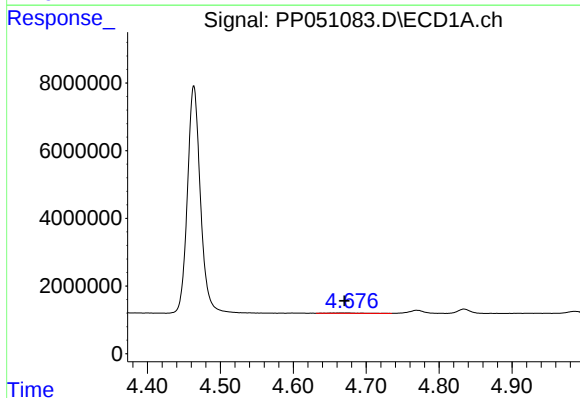
R.T.: 6.114 min
Delta R.T.: 0.001 min
Response: 31434447
Conc: 627.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



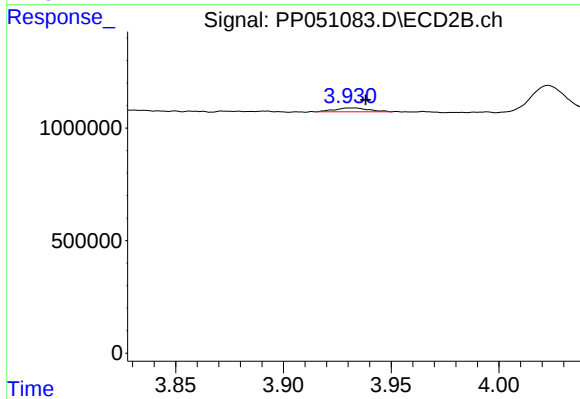
#7 AR-1016-5

R.T.: 5.275 min
Delta R.T.: -0.005 min
Response: 28229592
Conc: 660.79 ng/ml



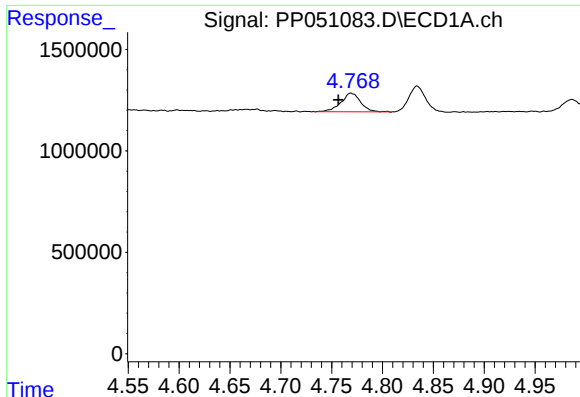
#8 AR-1221-1

R.T.: 4.667 min
Delta R.T.: -0.003 min
Response: 264022
Conc: 11.48 ng/ml



#8 AR-1221-1

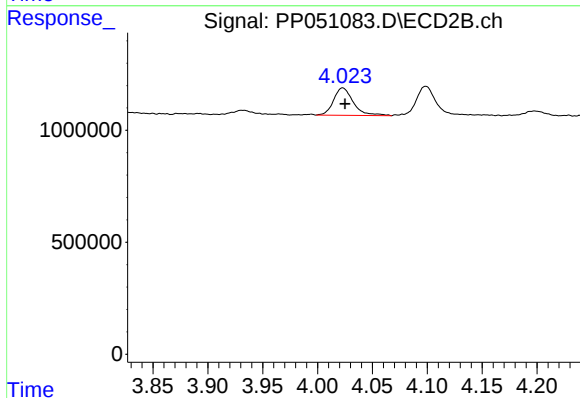
R.T.: 3.931 min
Delta R.T.: -0.008 min
Response: 191297
Conc: 9.71 ng/ml



#9 AR-1221-2

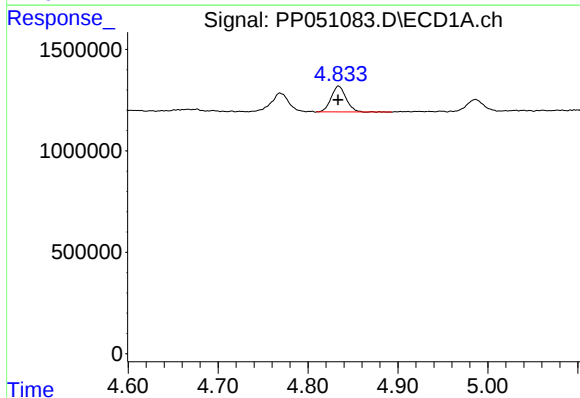
R.T.: 4.770 min
Delta R.T.: 0.013 min
Response: 1254574
Conc: 72.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



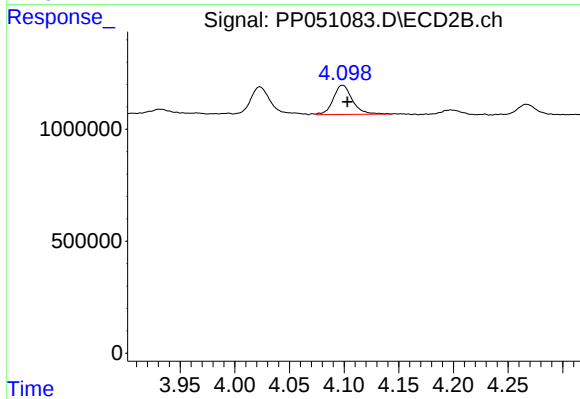
#9 AR-1221-2

R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 1535417
Conc: 104.87 ng/ml



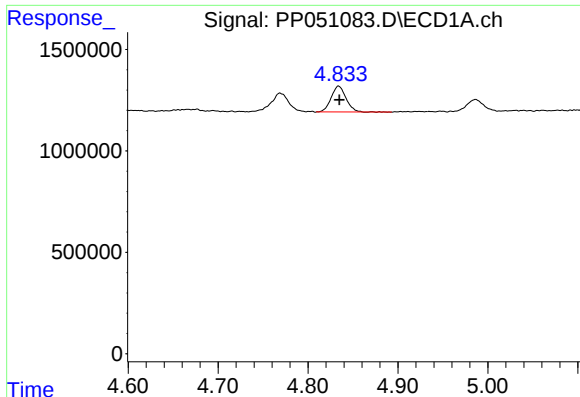
#10 AR-1221-3

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 1466034
Conc: 28.43 ng/ml



#10 AR-1221-3

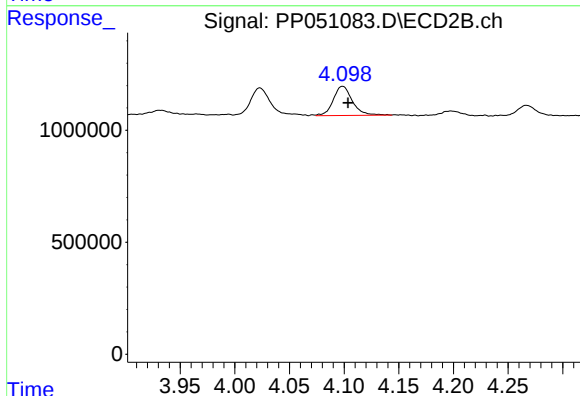
R.T.: 4.099 min
Delta R.T.: -0.004 min
Response: 1578389
Conc: 35.87 ng/ml



#11 AR-1232-1

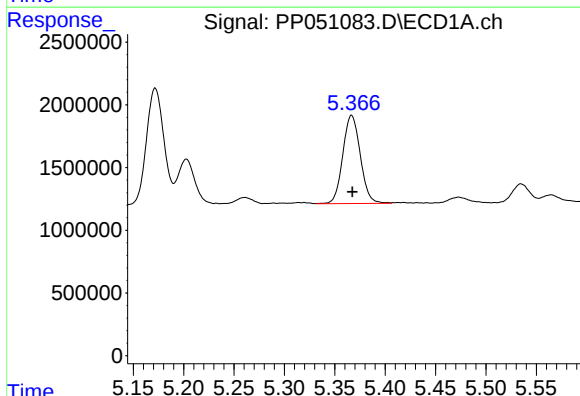
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 1466034
Conc: 35.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



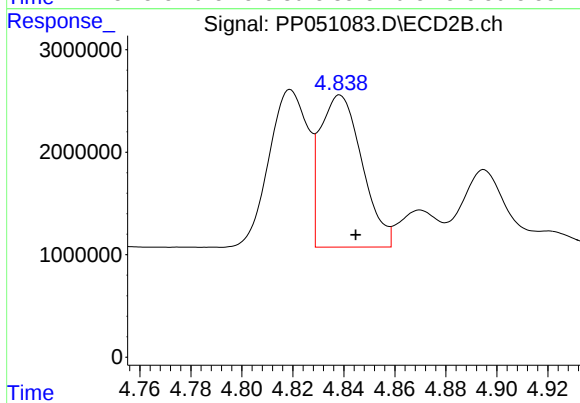
#11 AR-1232-1

R.T.: 4.099 min
Delta R.T.: -0.005 min
Response: 1578389
Conc: 44.82 ng/ml



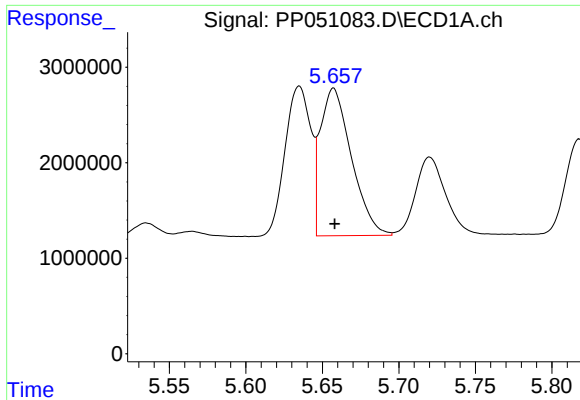
#12 AR-1232-2

R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 8526798
Conc: 382.27 ng/ml



#12 AR-1232-2

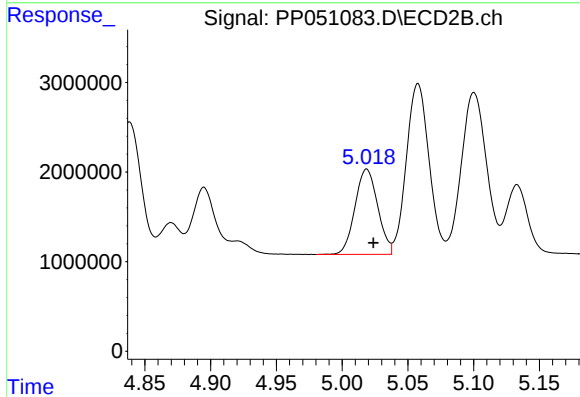
R.T.: 4.838 min
Delta R.T.: -0.006 min
Response: 16912229
Conc: 546.10 ng/ml



#13 AR-1232-3

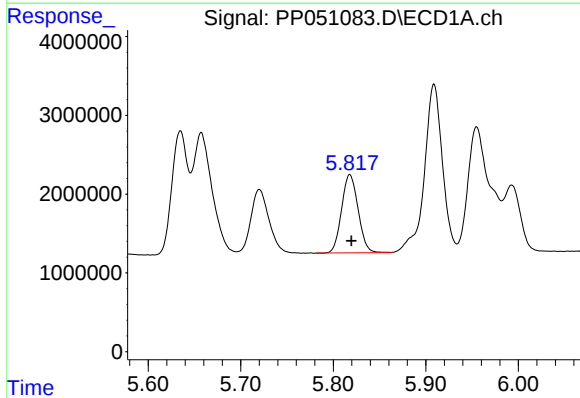
R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 21864037
Conc: 564.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



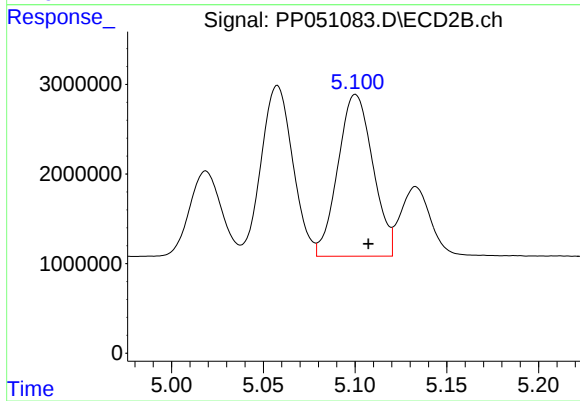
#13 AR-1232-3

R.T.: 5.019 min
Delta R.T.: -0.005 min
Response: 11482239
Conc: 695.68 ng/ml



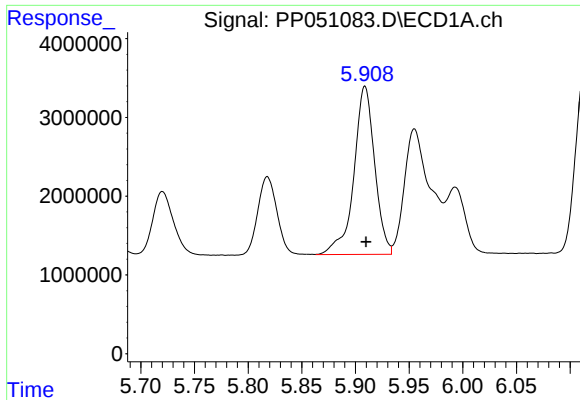
#14 AR-1232-4

R.T.: 5.818 min
Delta R.T.: -0.002 min
Response: 12328001
Conc: 633.45 ng/ml



#14 AR-1232-4

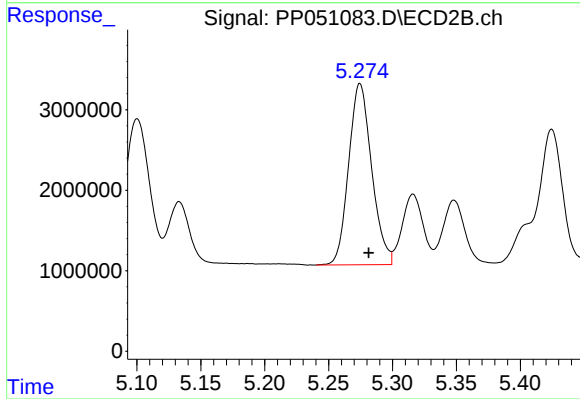
R.T.: 5.100 min
Delta R.T.: -0.007 min
Response: 23984452
Conc: 1513.35 ng/ml



#15 AR-1232-5

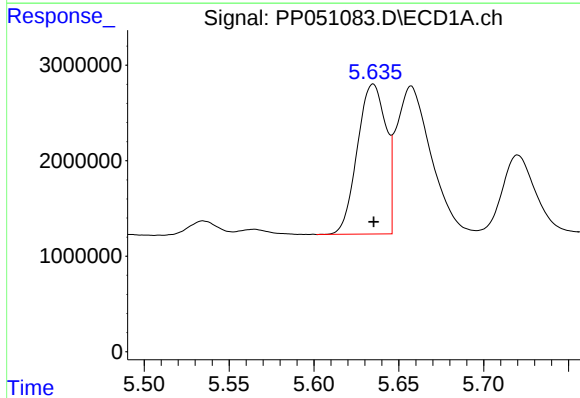
R.T.: 5.909 min
Delta R.T.: -0.001 min
Response: 28772643
Conc: 1571.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



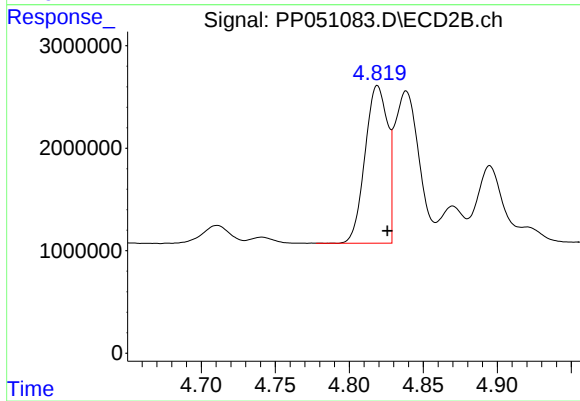
#15 AR-1232-5

R.T.: 5.275 min
Delta R.T.: -0.007 min
Response: 28229592
Conc: 1542.37 ng/ml



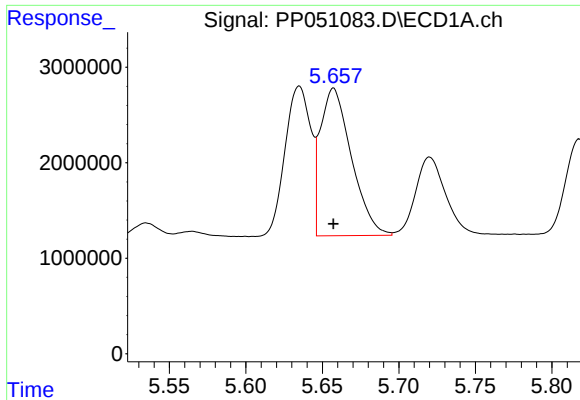
#16 AR-1242-1

R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 18413334
Conc: 372.59 ng/ml



#16 AR-1242-1

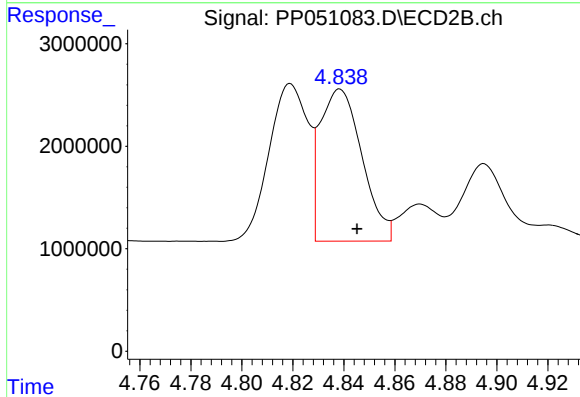
R.T.: 4.819 min
Delta R.T.: -0.007 min
Response: 16292460
Conc: 406.15 ng/ml



#17 AR-1242-2

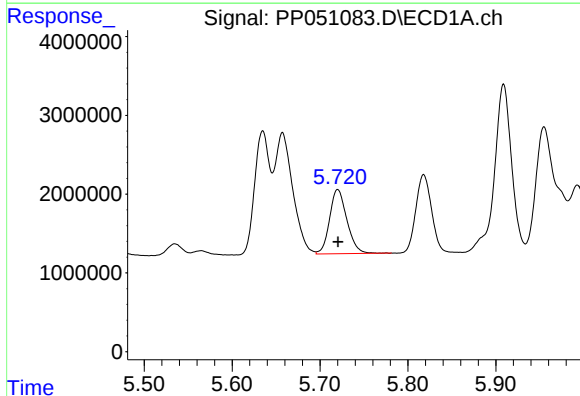
R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 21864037
Conc: 306.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



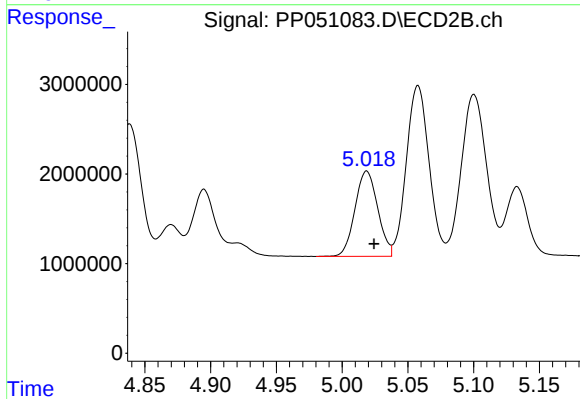
#17 AR-1242-2

R.T.: 4.838 min
Delta R.T.: -0.007 min
Response: 16912229
Conc: 296.62 ng/ml



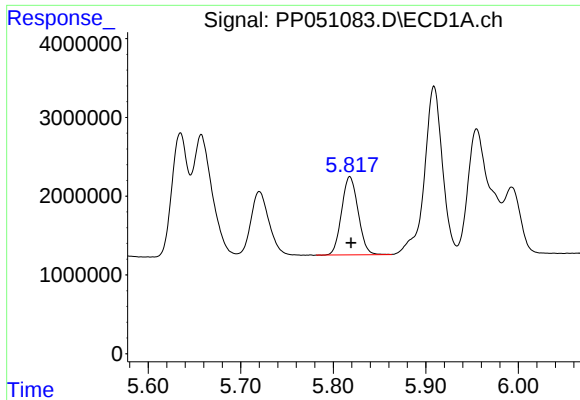
#18 AR-1242-3

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 11146021
Conc: 243.43 ng/ml



#18 AR-1242-3

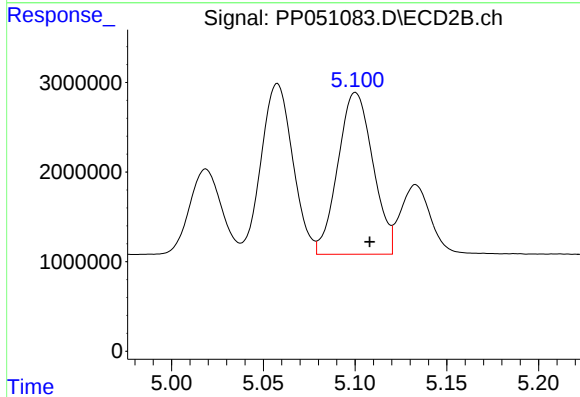
R.T.: 5.019 min
Delta R.T.: -0.006 min
Response: 11482239
Conc: 360.52 ng/ml



#19 AR-1242-4

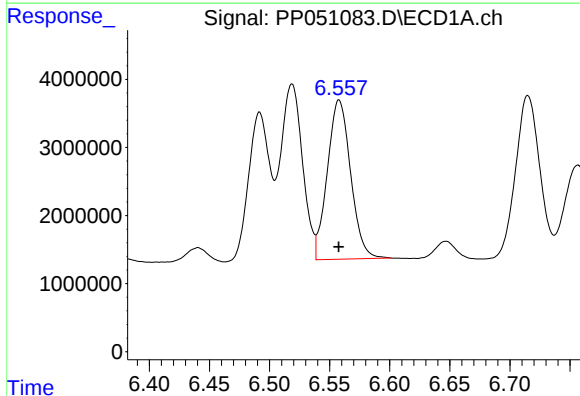
R.T.: 5.818 min
Delta R.T.: -0.001 min
Response: 12328001
Conc: 341.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



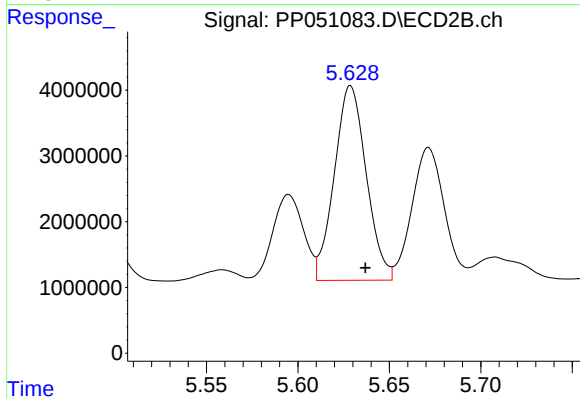
#19 AR-1242-4

R.T.: 5.100 min
Delta R.T.: -0.008 min
Response: 23984452
Conc: 729.50 ng/ml



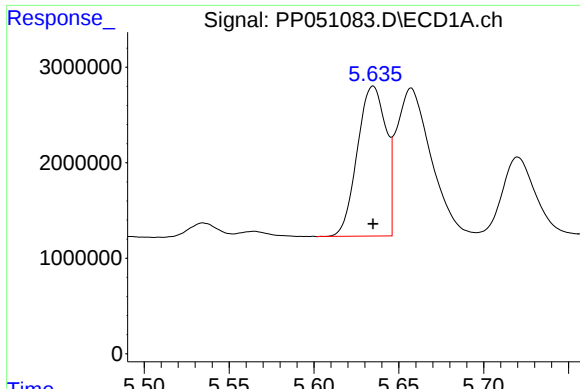
#20 AR-1242-5

R.T.: 6.558 min
Delta R.T.: 0.000 min
Response: 31601331
Conc: 790.88 ng/ml



#20 AR-1242-5

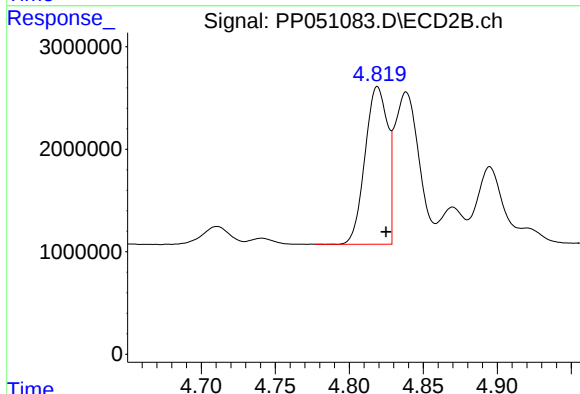
R.T.: 5.629 min
Delta R.T.: -0.008 min
Response: 35956875
Conc: 1039.80 ng/ml



#21 AR-1248-1

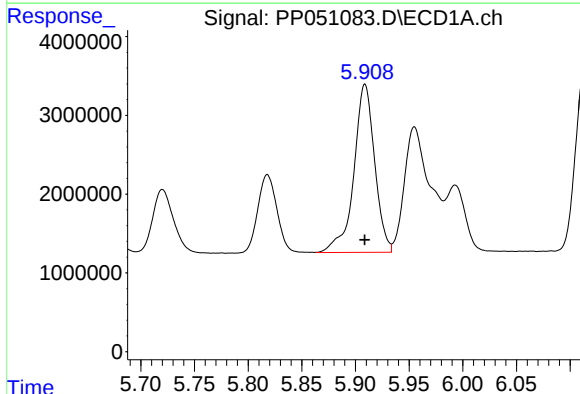
R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 18413334
Conc: 458.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



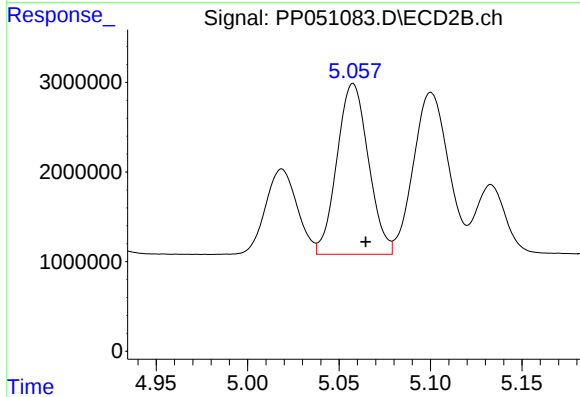
#21 AR-1248-1

R.T.: 4.819 min
Delta R.T.: -0.006 min
Response: 16292460
Conc: 498.04 ng/ml



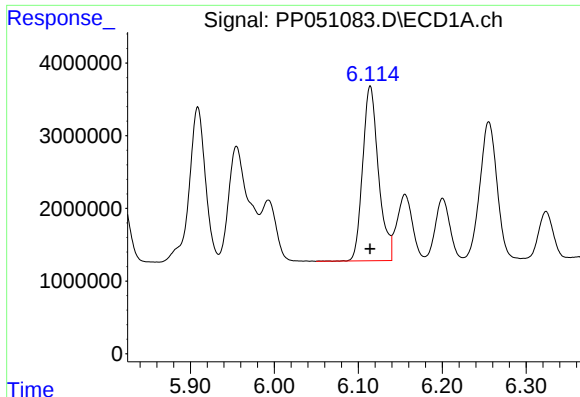
#22 AR-1248-2

R.T.: 5.909 min
Delta R.T.: 0.000 min
Response: 28772643
Conc: 431.16 ng/ml



#22 AR-1248-2

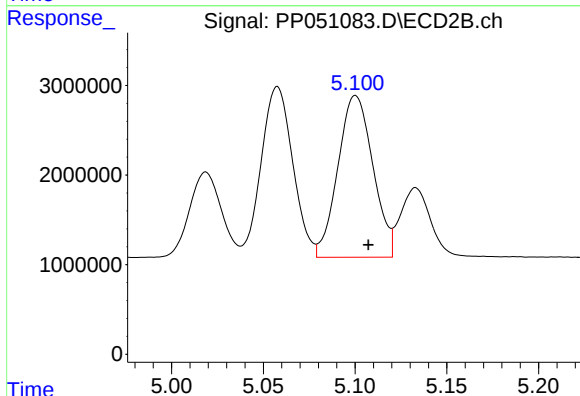
R.T.: 5.058 min
Delta R.T.: -0.007 min
Response: 22842646
Conc: 464.20 ng/ml



#23 AR-1248-3

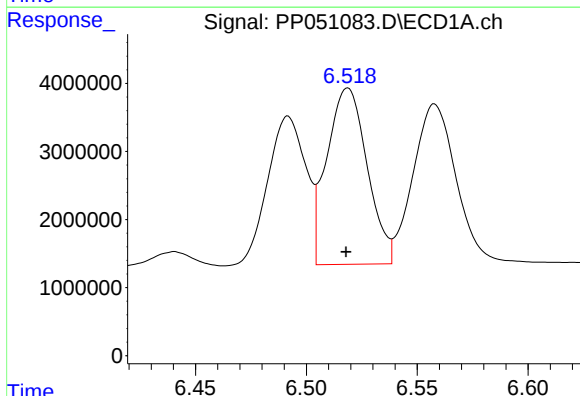
R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 31434447
Conc: 441.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



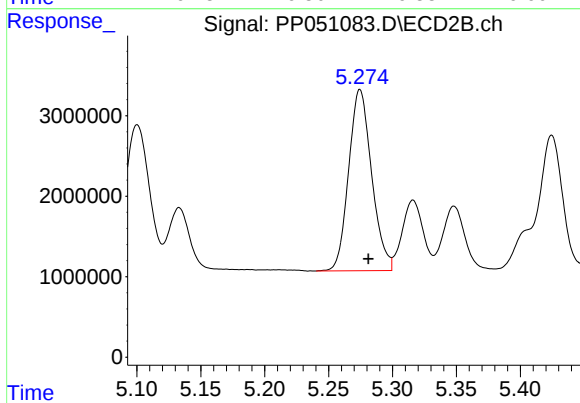
#23 AR-1248-3

R.T.: 5.100 min
Delta R.T.: -0.007 min
Response: 23984452
Conc: 467.38 ng/ml



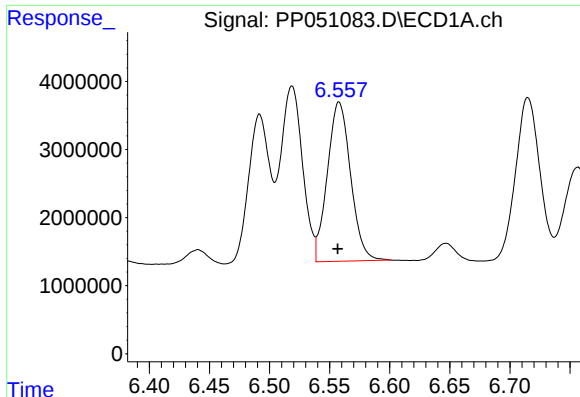
#24 AR-1248-4

R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 32818879
Conc: 475.76 ng/ml



#24 AR-1248-4

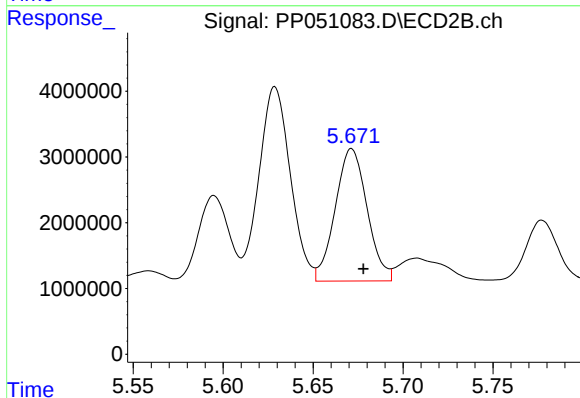
R.T.: 5.275 min
Delta R.T.: -0.007 min
Response: 28229592
Conc: 476.36 ng/ml



#25 AR-1248-5

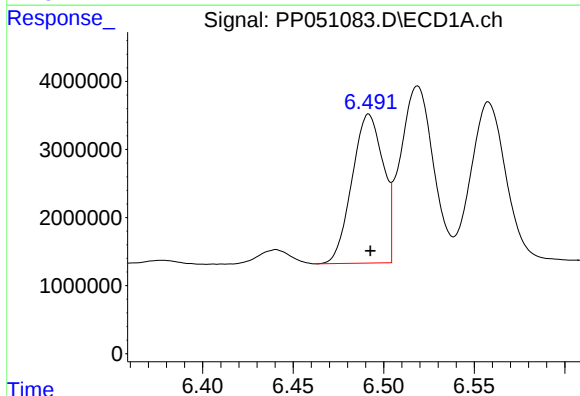
R.T.: 6.558 min
Delta R.T.: 0.001 min
Response: 31601331
Conc: 447.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



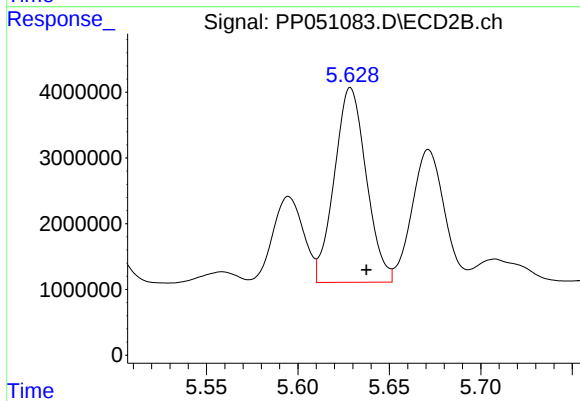
#25 AR-1248-5

R.T.: 5.671 min
Delta R.T.: -0.007 min
Response: 24865278
Conc: 517.90 ng/ml



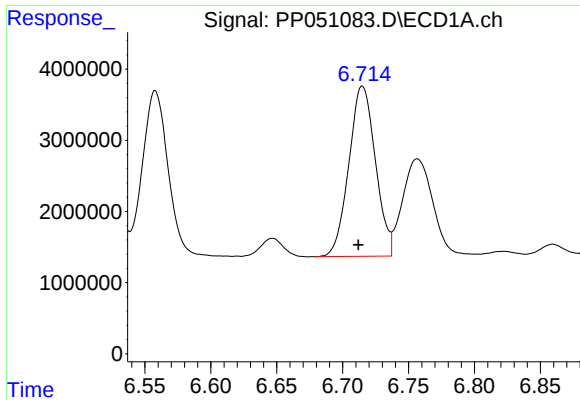
#26 AR-1254-1

R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 26202454
Conc: 328.77 ng/ml



#26 AR-1254-1

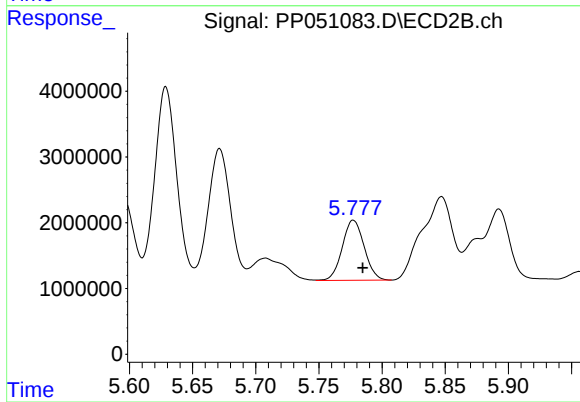
R.T.: 5.629 min
Delta R.T.: -0.009 min
Response: 35956875
Conc: 446.74 ng/ml



#27 AR-1254-2

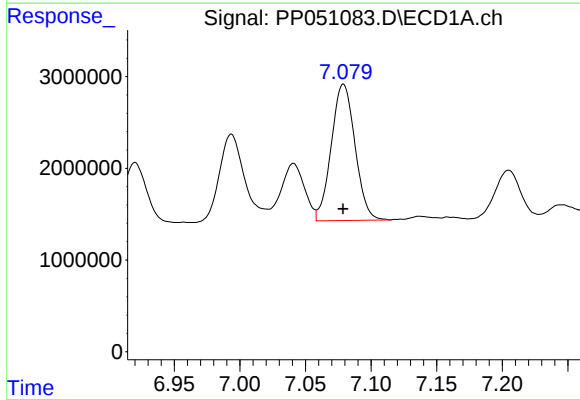
R.T.: 6.715 min
Delta R.T.: 0.003 min
Response: 33558013
Conc: 284.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



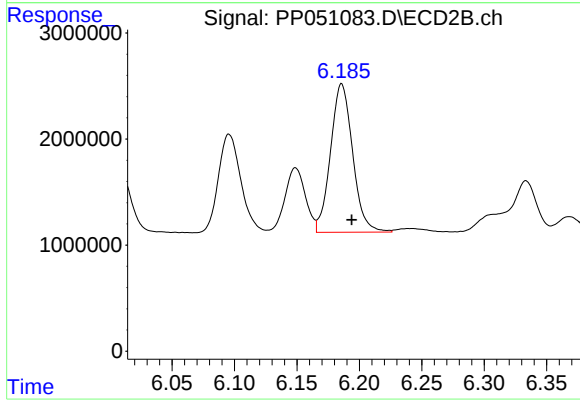
#27 AR-1254-2

R.T.: 5.777 min
Delta R.T.: -0.008 min
Response: 11046971
Conc: 158.34 ng/ml



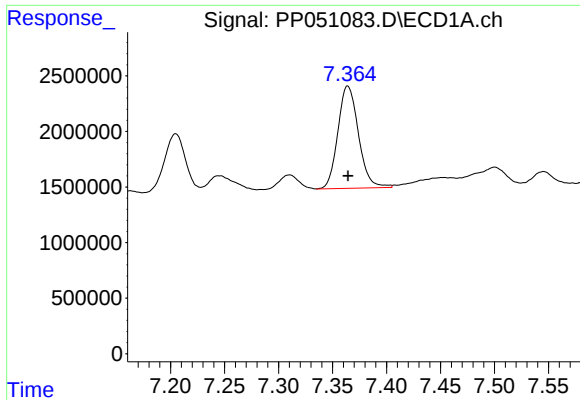
#28 AR-1254-3

R.T.: 7.079 min
Delta R.T.: 0.000 min
Response: 18758772
Conc: 163.94 ng/ml



#28 AR-1254-3

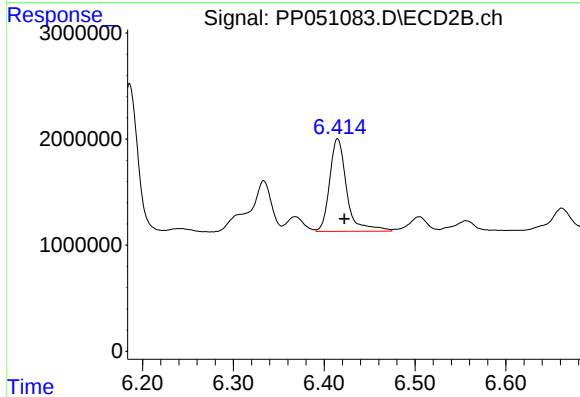
R.T.: 6.186 min
Delta R.T.: -0.008 min
Response: 17300288
Conc: 161.49 ng/ml



#29 AR-1254-4

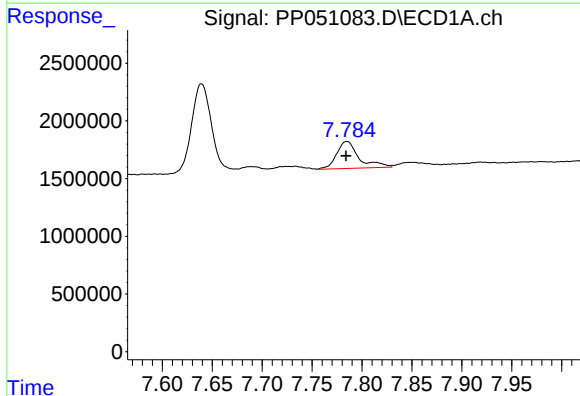
R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 12218261
Conc: 177.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



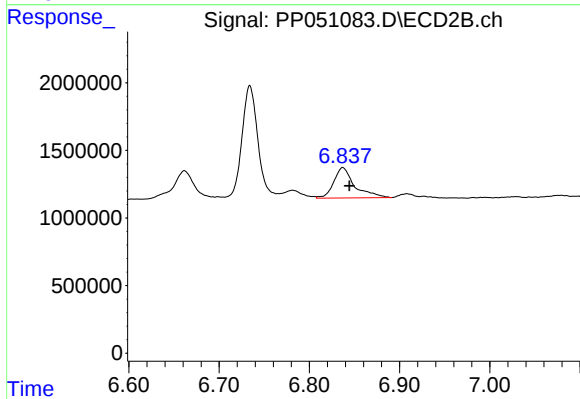
#29 AR-1254-4

R.T.: 6.415 min
Delta R.T.: -0.007 min
Response: 11419819
Conc: 228.59 ng/ml



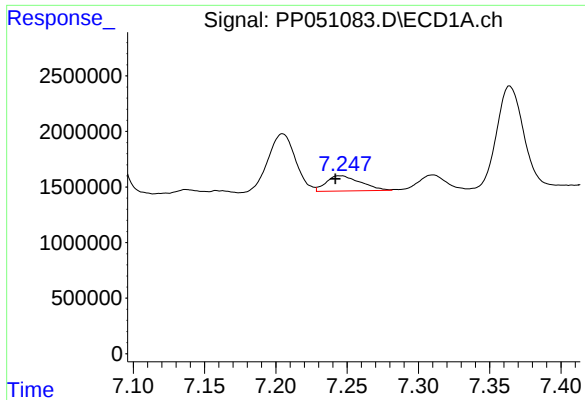
#30 AR-1254-5

R.T.: 7.785 min
Delta R.T.: 0.000 min
Response: 3648804
Conc: 43.71 ng/ml



#30 AR-1254-5

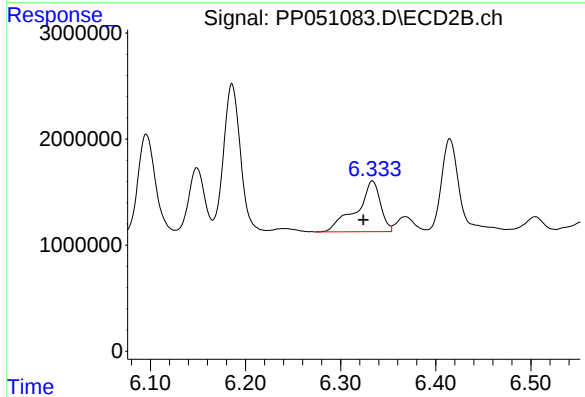
R.T.: 6.837 min
Delta R.T.: -0.007 min
Response: 3610736
Conc: 42.53 ng/ml



#31 AR-1260-1

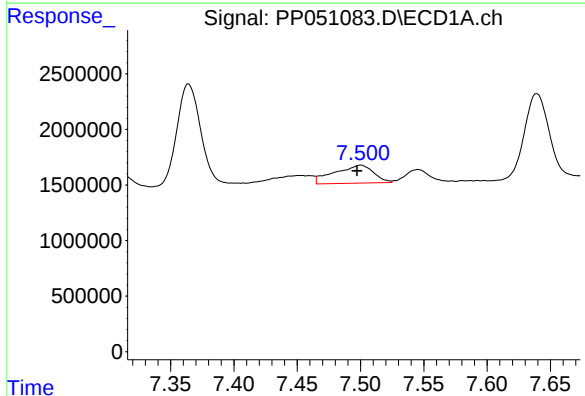
R.T.: 7.245 min
Delta R.T.: 0.003 min
Response: 2305687
Conc: 24.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



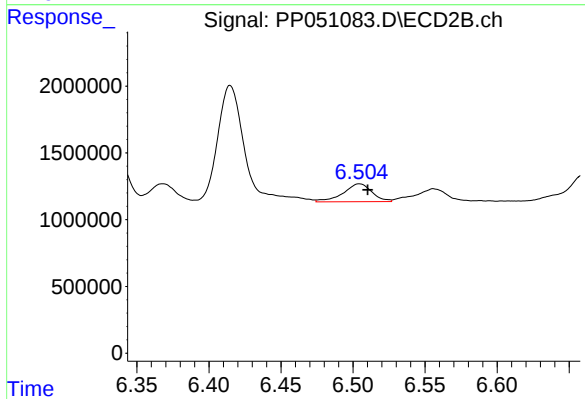
#31 AR-1260-1

R.T.: 6.333 min
Delta R.T.: 0.010 min
Response: 8356982
Conc: 110.56 ng/ml



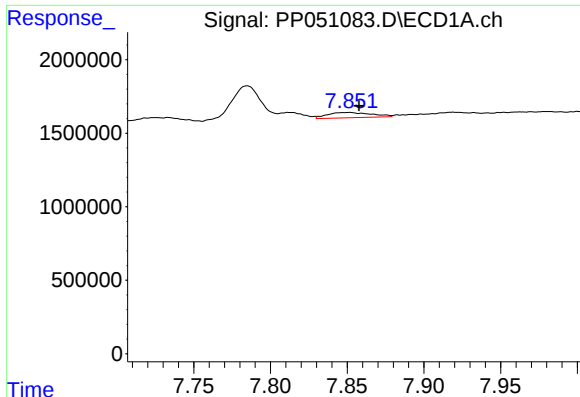
#32 AR-1260-2

R.T.: 7.500 min
Delta R.T.: 0.003 min
Response: 3493327
Conc: 34.53 ng/ml



#32 AR-1260-2

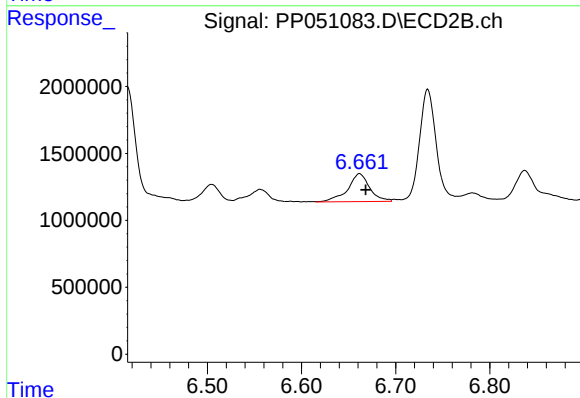
R.T.: 6.505 min
Delta R.T.: -0.006 min
Response: 1873480
Conc: 22.31 ng/ml



#33 AR-1260-3

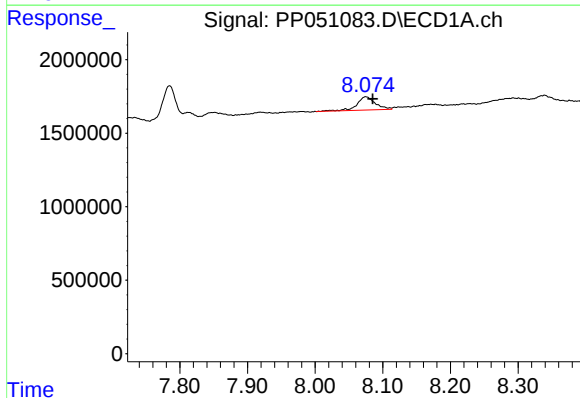
R.T.: 7.850 min
Delta R.T.: -0.008 min
Response: 714569
Conc: 8.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



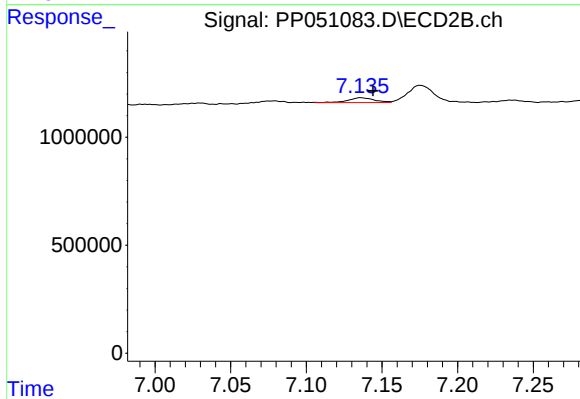
#33 AR-1260-3

R.T.: 6.662 min
Delta R.T.: -0.007 min
Response: 3383981
Conc: 40.68 ng/ml



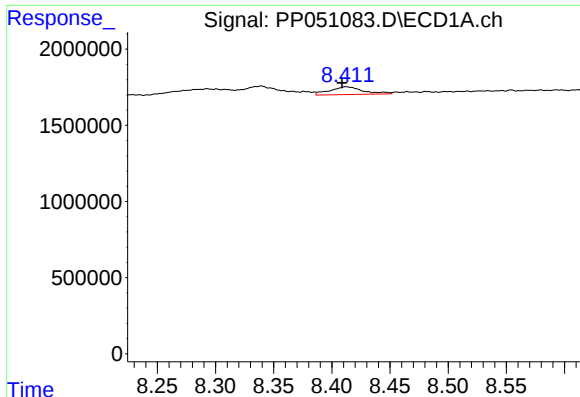
#34 AR-1260-4

R.T.: 8.075 min
Delta R.T.: -0.010 min
Response: 1720917
Conc: 19.02 ng/ml



#34 AR-1260-4

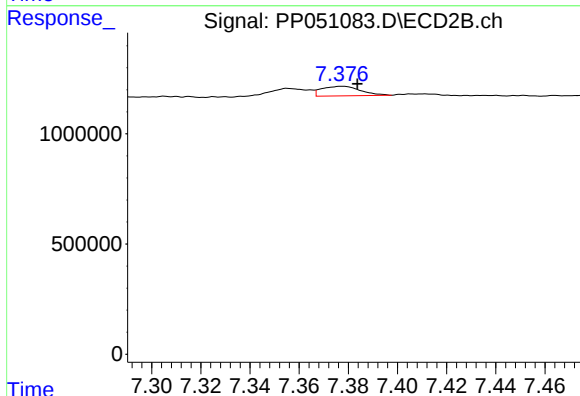
R.T.: 7.136 min
Delta R.T.: -0.008 min
Response: 272716
Conc: 4.27 ng/ml



#35 AR-1260-5

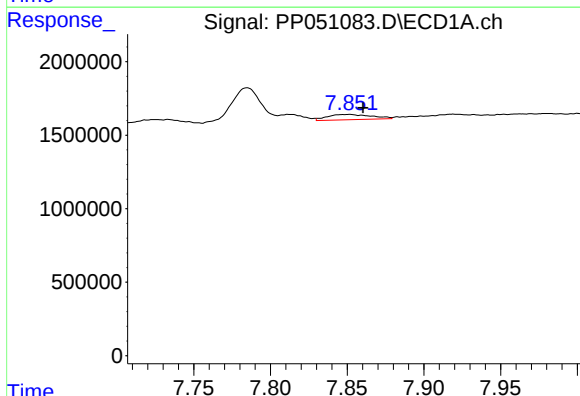
R.T.: 8.413 min
Delta R.T.: 0.004 min
Response: 1020113
Conc: 6.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



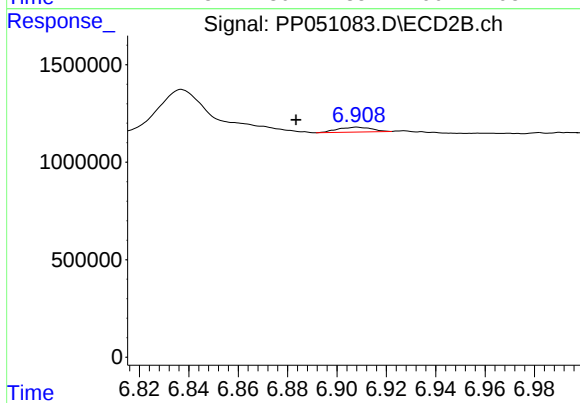
#35 AR-1260-5

R.T.: 7.377 min
Delta R.T.: -0.006 min
Response: 475123
Conc: 3.80 ng/ml



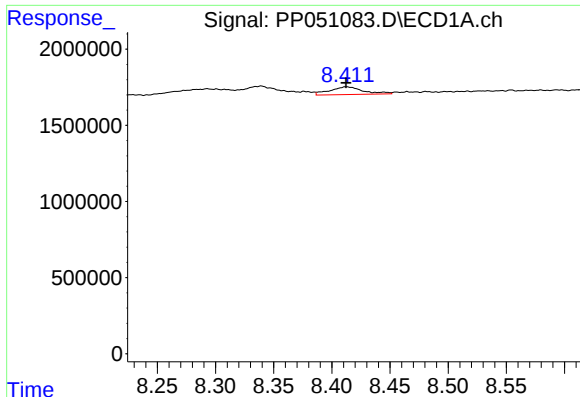
#36 AR-1262-1

R.T.: 7.850 min
Delta R.T.: -0.010 min
Response: 714569
Conc: 6.32 ng/ml



#36 AR-1262-1

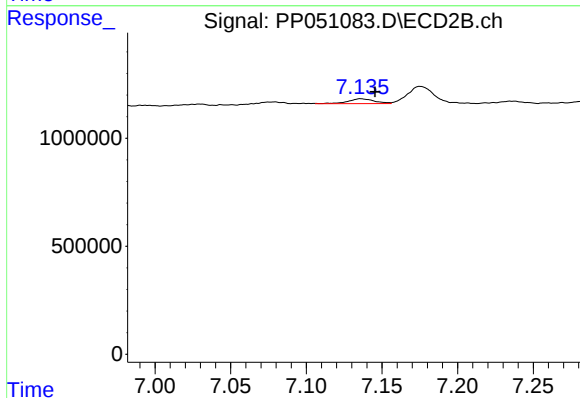
R.T.: 6.908 min
Delta R.T.: 0.025 min
Response: 240111
Conc: 2.61 ng/ml



#37 AR-1262-2

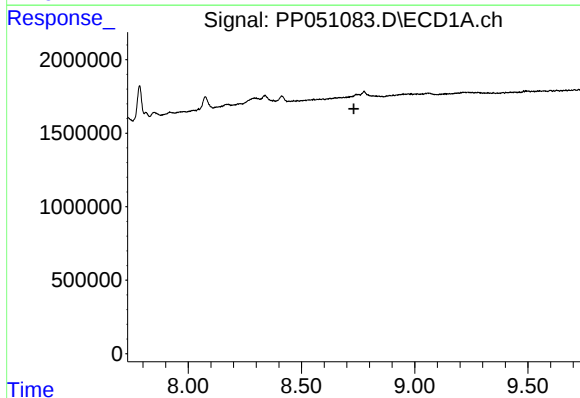
R.T.: 8.413 min
Delta R.T.: 0.000 min
Response: 1020113
Conc: 6.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



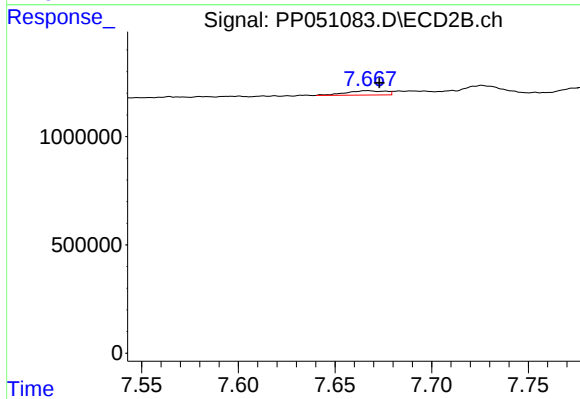
#37 AR-1262-2

R.T.: 7.136 min
Delta R.T.: -0.010 min
Response: 272716
Conc: 3.33 ng/ml



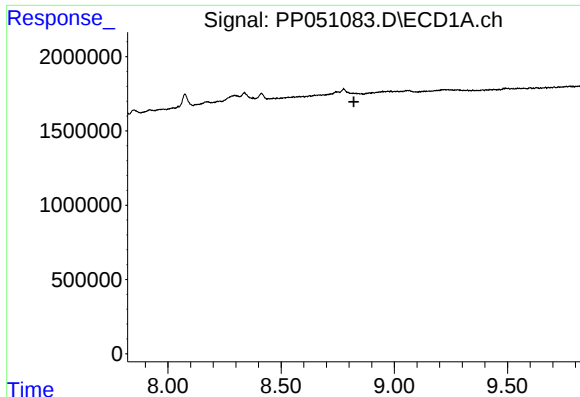
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.732 min
Response: 0
Conc: N.D.



#38 AR-1262-3

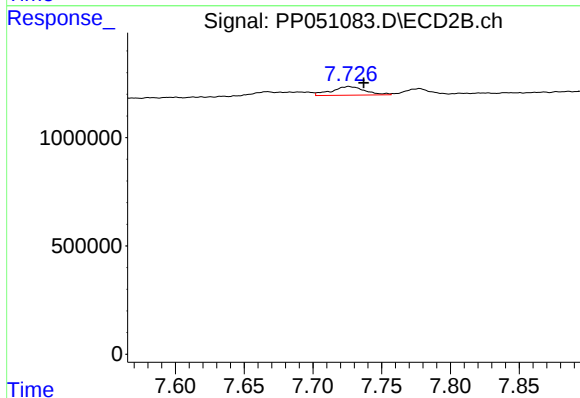
R.T.: 7.667 min
Delta R.T.: -0.006 min
Response: 291184
Conc: 5.75 ng/ml



#39 AR-1262-4

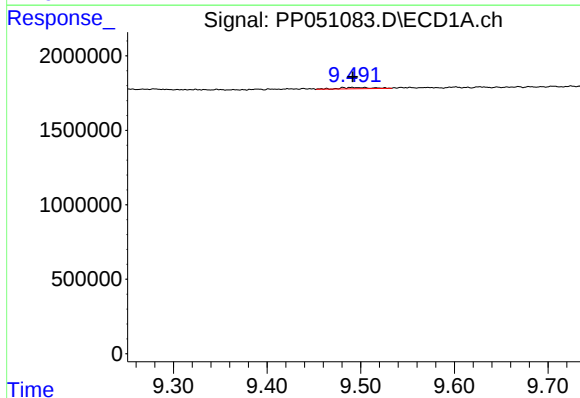
R.T.: 0.000 min
Exp R.T.: 8.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



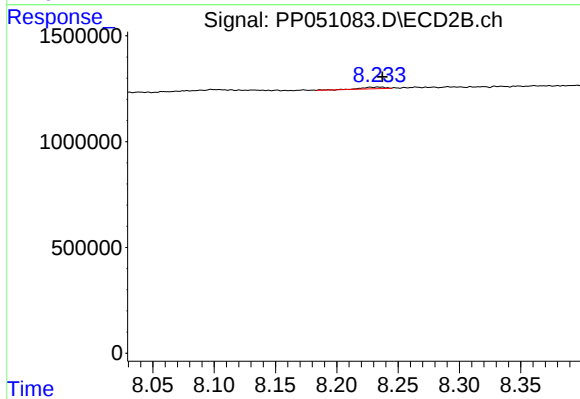
#39 AR-1262-4

R.T.: 7.726 min
Delta R.T.: -0.011 min
Response: 666502
Conc: 6.99 ng/ml



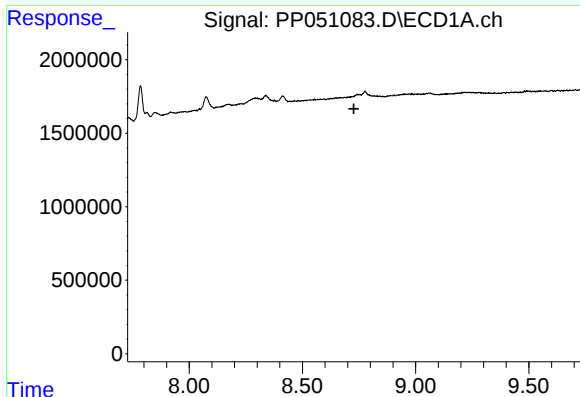
#40 AR-1262-5

R.T.: 9.491 min
Delta R.T.: 0.000 min
Response: 204450
Conc: 3.89 ng/ml



#40 AR-1262-5

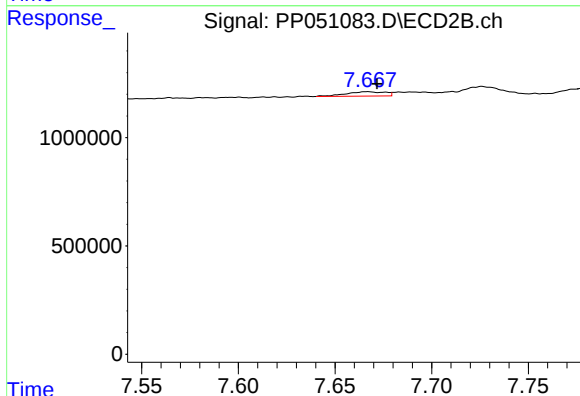
R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 92840
Conc: 2.83 ng/ml



#41 AR-1268-1

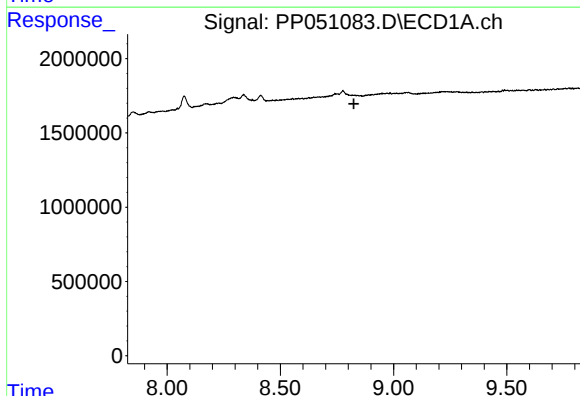
R.T.: 0.000 min
Exp R.T.: 8.728 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



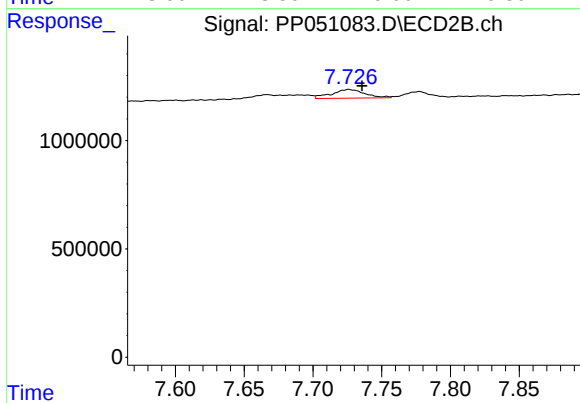
#41 AR-1268-1

R.T.: 7.667 min
Delta R.T.: -0.005 min
Response: 291184
Conc: 1.83 ng/ml



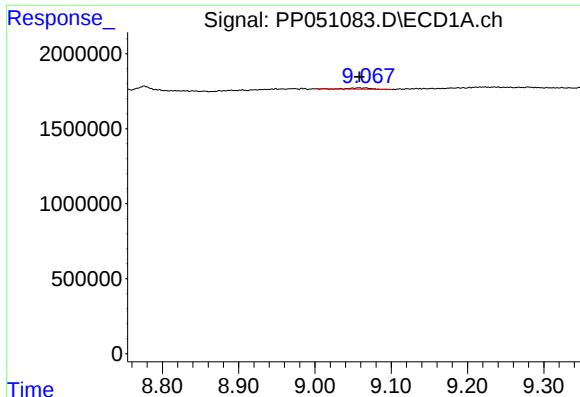
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.824 min
Response: 0
Conc: N.D.



#42 AR-1268-2

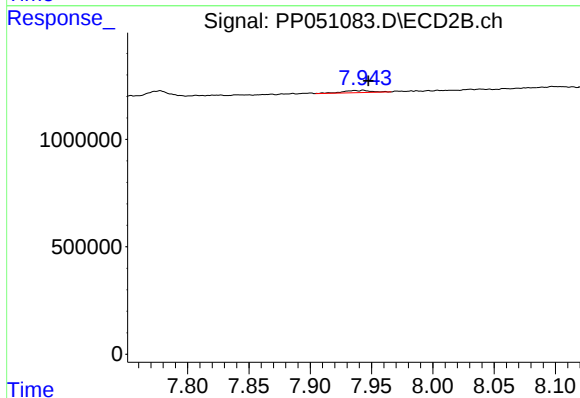
R.T.: 7.726 min
Delta R.T.: -0.010 min
Response: 666502
Conc: 4.43 ng/ml



#43 AR-1268-3

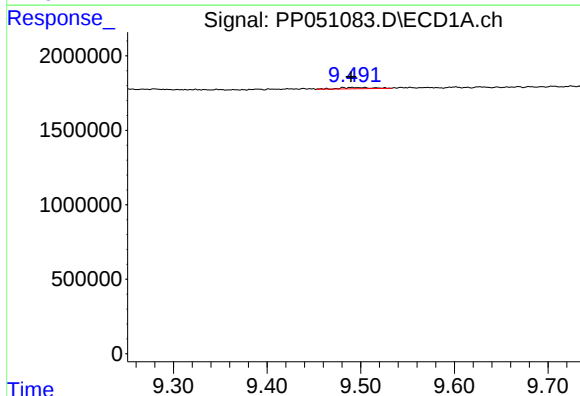
R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 173774
Conc: 0.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



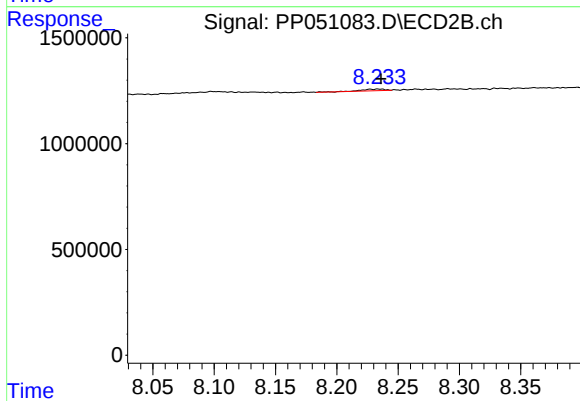
#43 AR-1268-3

R.T.: 7.943 min
Delta R.T.: -0.004 min
Response: 163720
Conc: 1.25 ng/ml



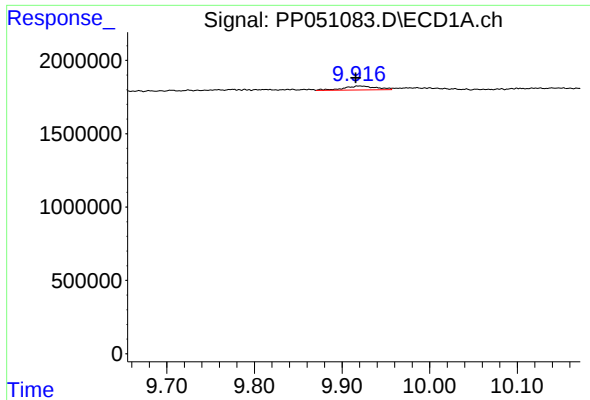
#44 AR-1268-4

R.T.: 9.491 min
Delta R.T.: 0.002 min
Response: 204450
Conc: 3.59 ng/ml



#44 AR-1268-4

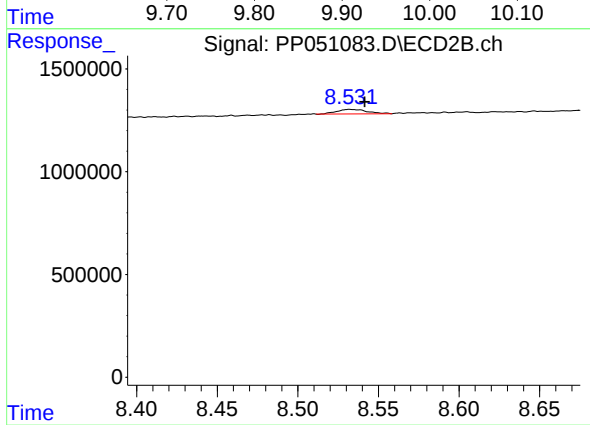
R.T.: 8.233 min
Delta R.T.: -0.003 min
Response: 92840
Conc: 2.41 ng/ml



#45 AR-1268-5

R.T.: 9.921 min
Delta R.T.: 0.005 min
Response: 695656
Conc: 1.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.533 min
Delta R.T.: -0.008 min
Response: 283478
Conc: 0.89 ng/ml