

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP091923\
 Data File : PP059983.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2023 01:34
 Operator : YP\AJ
 Sample : 04487-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 02:11:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 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...	4.532	3.704f	30369493	21174279	14.599	12.999
2)	SA Decachlor...	10.431	8.749	31885529	28460648	20.904	18.796
Target Compounds							
3)	L1 AR-1016-1	5.728f	4.778	3575891	1053941	52.996	17.532 #
4)	L1 AR-1016-2	5.728	4.778f	3575891	1053941	37.381	12.698 #
5)	L1 AR-1016-3	5.814f	0.000	1808155	0	30.377	N.D. #
6)	L1 AR-1016-4	5.911f	5.006	2792232	2570720	57.024	72.869 #
7)	L1 AR-1016-5	6.211f	5.209f	11960402	128234	243.256	2.758 #
8)	L2 AR-1221-1	4.709	3.860f	44730334	76667	1682.657	3.490 #
9)	L2 AR-1221-2	0.000	4.005f	0	26288167	N.D.	1702.722 #
10)	L2 AR-1221-3	4.916f	0.000	1217418	0	21.314	N.D. #
12)	L3 AR-1232-2	5.421	4.778f	1708826	1053941	67.280	28.583 #
13)	L3 AR-1232-3	5.728	0.000	3575891	0	82.769	N.D. #
14)	L3 AR-1232-4	5.911f	5.053	2792232	11702287	126.329	640.641 #
15)	L3 AR-1232-5	5.959f	5.209f	1851768	128234	100.939	6.396 #
16)	L4 AR-1242-1	5.728f	4.778	3575891	1053941	59.872	20.014 #
17)	L4 AR-1242-2	5.728	4.778f	3575891	1053941	42.551	14.627 #
18)	L4 AR-1242-3	5.814f	0.000	1808155	0	34.572	N.D. #
19)	L4 AR-1242-4	5.911f	5.053	2792232	11702287	64.797	298.608 #
20)	L4 AR-1242-5	6.620	5.590	13709983	5105280	299.872	105.525 #
21)	L5 AR-1248-1	0.000	4.778	0	1053941	N.D.	26.974 #
22)	L5 AR-1248-2	5.959f	5.006	1851768	2570720	28.593	47.445 #
23)	L5 AR-1248-3	6.211f	5.053	11960402	11702287	168.879	205.665
24)	L5 AR-1248-4	6.593	5.209f	18950182	128234	245.011	1.909 #
25)	L5 AR-1248-5	6.620	5.621	13709983	22723649	182.216	344.487 #
26)	L6 AR-1254-1	6.541f	5.590	1161536	5105280	14.549	50.871 #
27)	L6 AR-1254-2	6.815f	5.715f	23225872	3093549	193.917	35.609 #
28)	L6 AR-1254-3	7.142f	6.134	4837358	3427801	39.820	24.414 #
29)	L6 AR-1254-4	7.467f	6.352f	6725243	694128	75.623	8.246 #
30)	L6 AR-1254-5	7.900f	6.810	15137207	12580313	155.612	106.058 #
31)	L7 AR-1260-1	7.345f	6.301f	6385914	7111858	70.846	76.376
32)	L7 AR-1260-2	7.601	6.487f	5365539	3829892	52.302	34.932 #
33)	L7 AR-1260-3	7.961	6.637	1496544	3584720	19.002	34.852 #
34)	L7 AR-1260-4	8.185	7.108	2404875	1024481	26.834	12.301 #
35)	L7 AR-1260-5	8.520	7.346	463369	1251677	2.715	6.505 #
36)	L8 AR-1262-1	7.961	6.880	1496544	397422	12.931	7.874 #
37)	L8 AR-1262-2	8.520	7.108	463369	1024481	2.315	9.068 #
38)	L8 AR-1262-3	8.854	7.646f	3608852	2039628	25.061	23.269
39)	L8 AR-1262-4	8.927	7.691	1293607	985584	11.392	6.035 #
41)	L9 AR-1268-1	8.854f	7.646f	3608852	2039628	14.392	7.834 #
42)	L9 AR-1268-2	8.927	7.691	1293607	985584	5.637	4.263
43)	L9 AR-1268-3	0.000	7.904	0	582240	N.D.	2.852 #

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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
45) L9	AR-1268-5	0.000	8.481	0	574396	N.D.	0.909 #

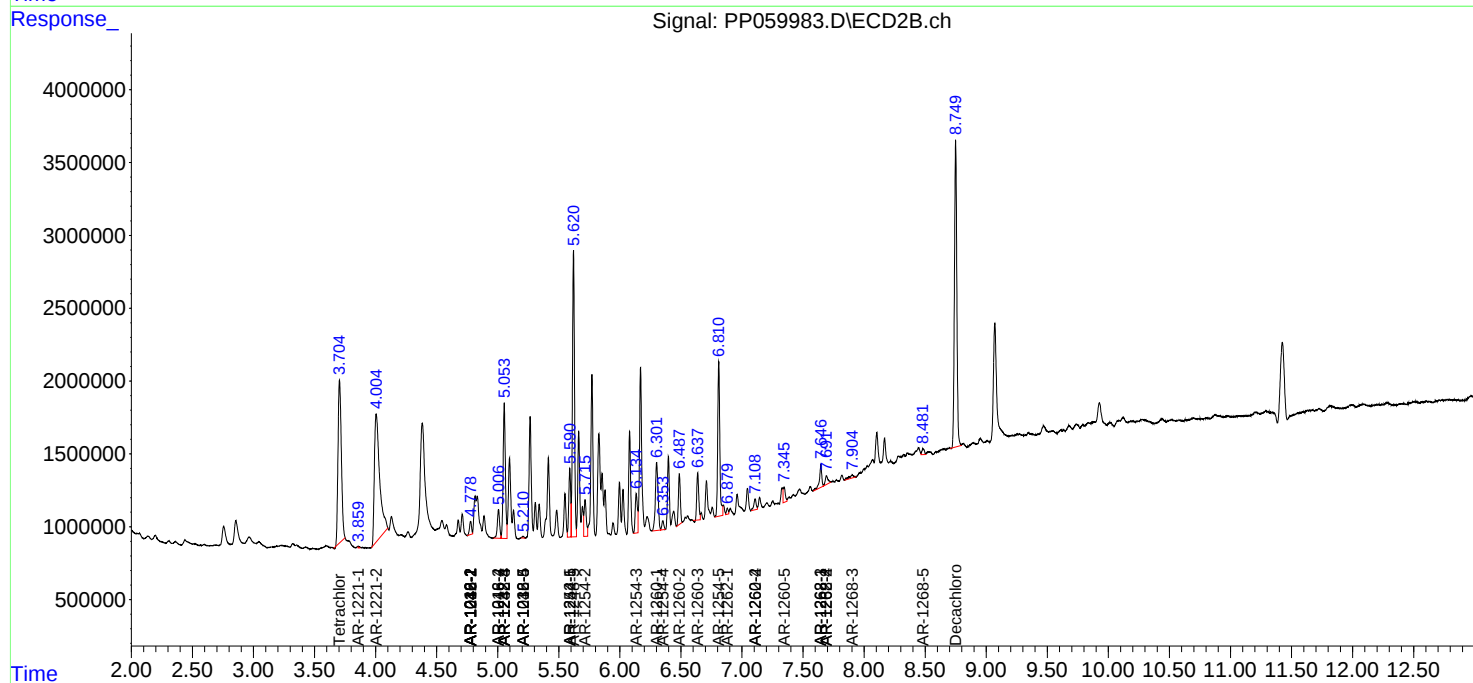
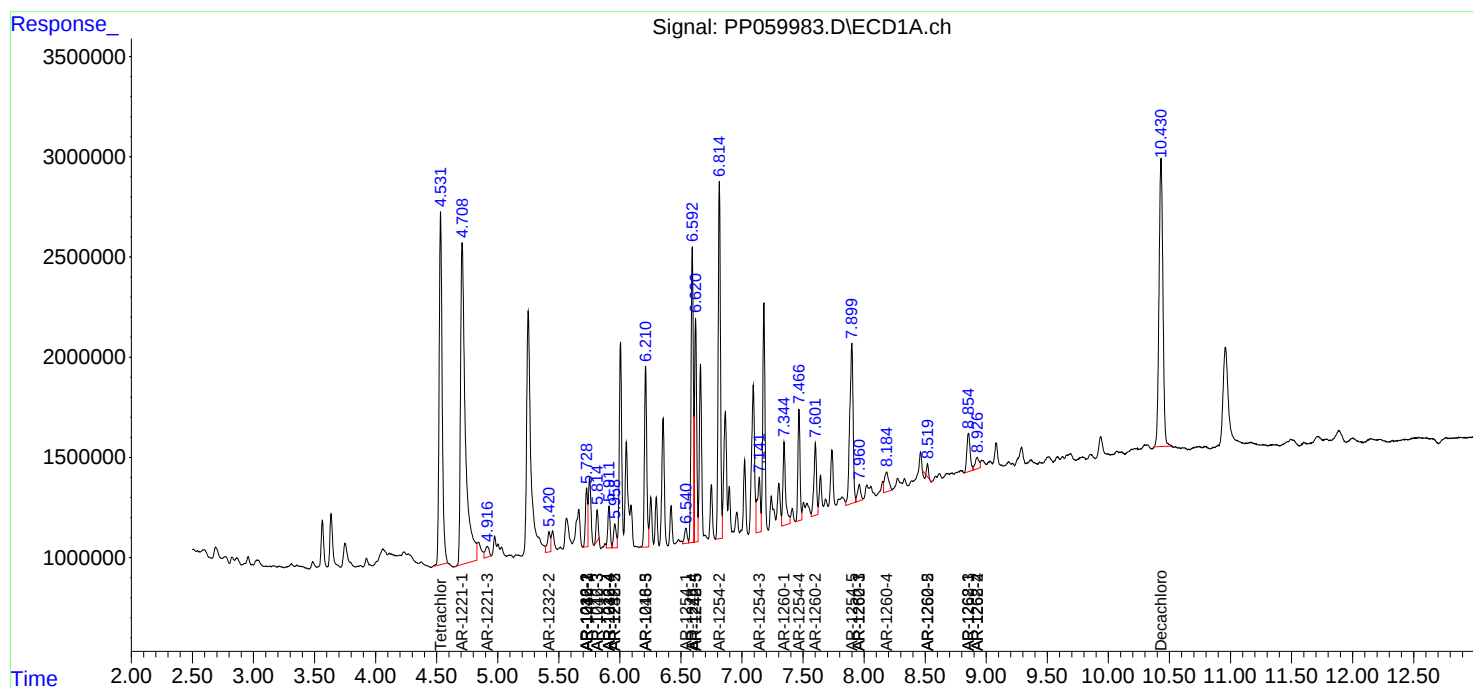
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

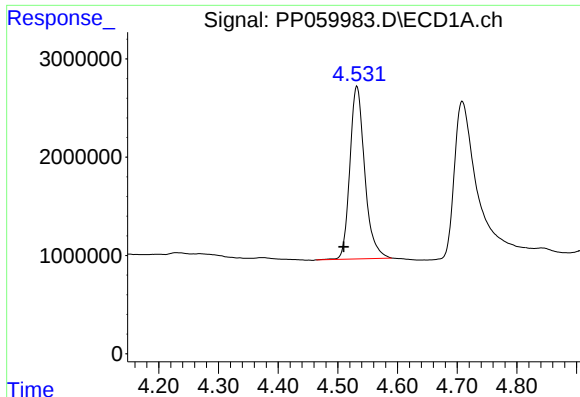
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP091923\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

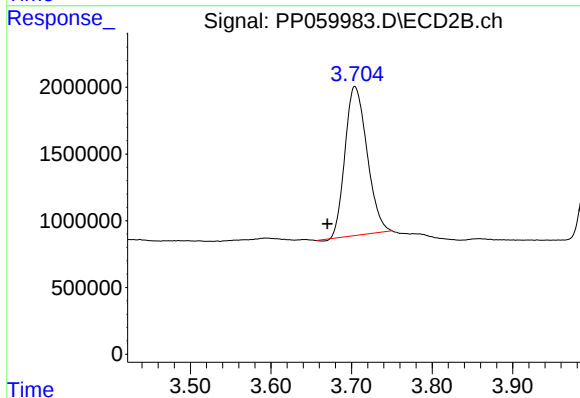




#1 Tetrachloro-m-xylene

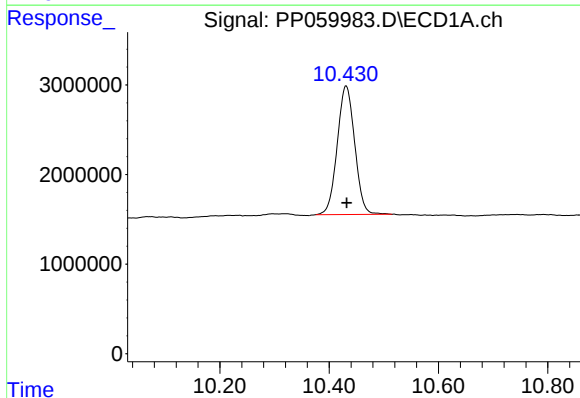
R.T.: 4.532 min
Delta R.T.: 0.022 min
Response: 30369493
Conc: 14.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



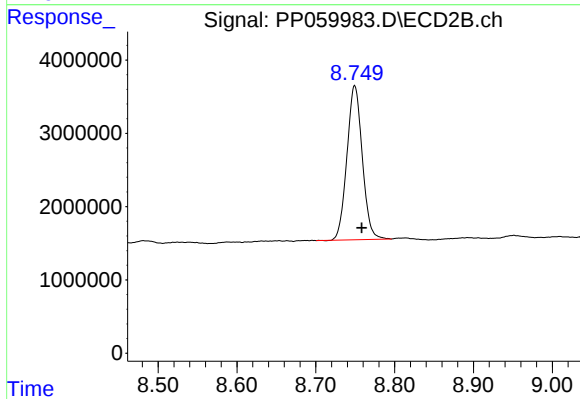
#1 Tetrachloro-m-xylene

R.T.: 3.704 min
Delta R.T.: 0.034 min
Response: 21174279
Conc: 13.00 ng/ml



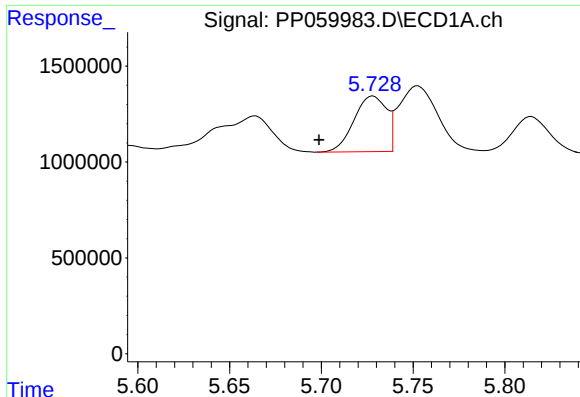
#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: 0.000 min
Response: 31885529
Conc: 20.90 ng/ml



#2 Decachlorobiphenyl

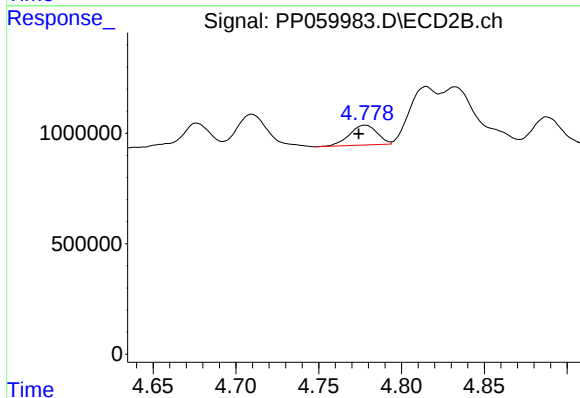
R.T.: 8.749 min
Delta R.T.: -0.009 min
Response: 28460648
Conc: 18.80 ng/ml



#3 AR-1016-1

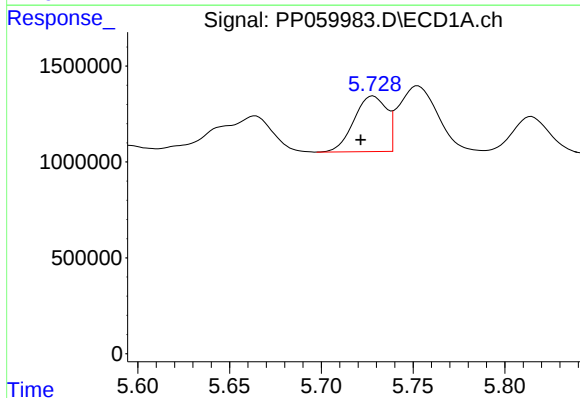
R.T.: 5.728 min
Delta R.T.: 0.029 min
Response: 3575891
Conc: 53.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



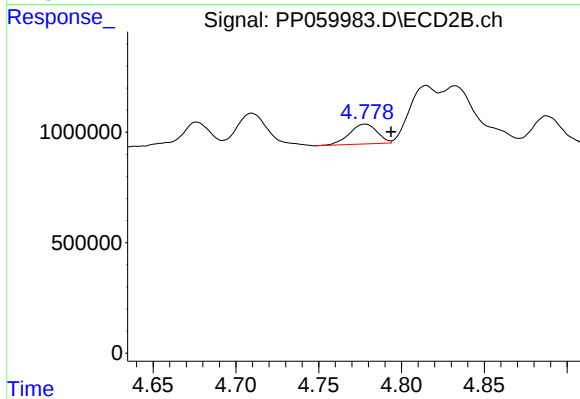
#3 AR-1016-1

R.T.: 4.778 min
Delta R.T.: 0.004 min
Response: 1053941
Conc: 17.53 ng/ml



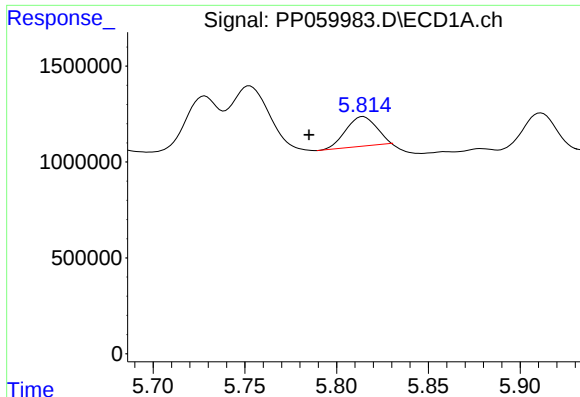
#4 AR-1016-2

R.T.: 5.728 min
Delta R.T.: 0.007 min
Response: 3575891
Conc: 37.38 ng/ml



#4 AR-1016-2

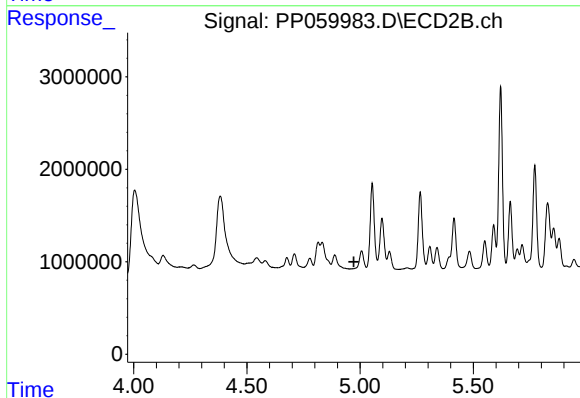
R.T.: 4.778 min
Delta R.T.: -0.016 min
Response: 1053941
Conc: 12.70 ng/ml



#5 AR-1016-3

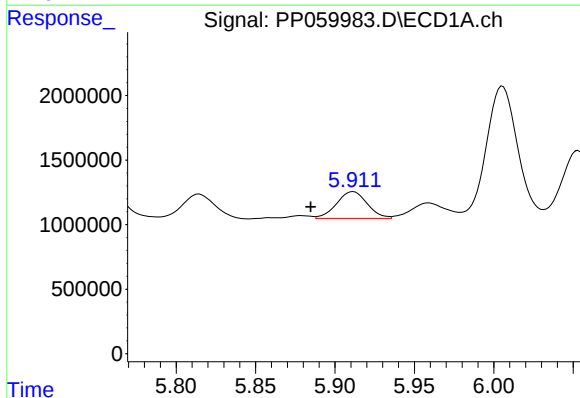
R.T.: 5.814 min
Delta R.T.: 0.029 min
Response: 1808155
Conc: 30.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



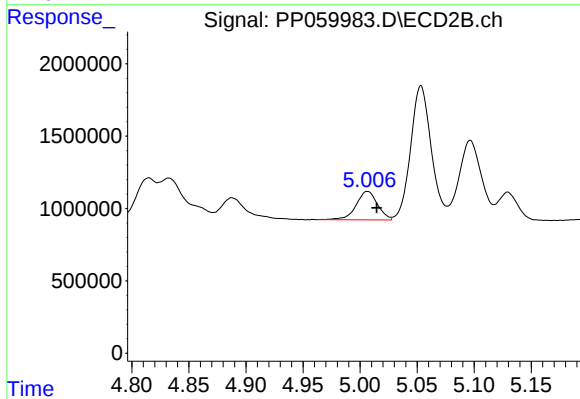
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.972 min
Response: 0
Conc: N.D.



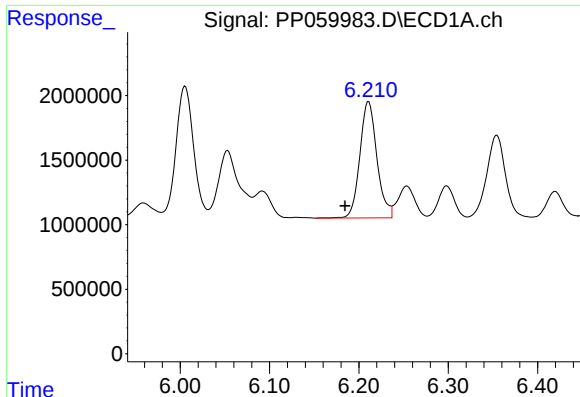
#6 AR-1016-4

R.T.: 5.911 min
Delta R.T.: 0.027 min
Response: 2792232
Conc: 57.02 ng/ml



#6 AR-1016-4

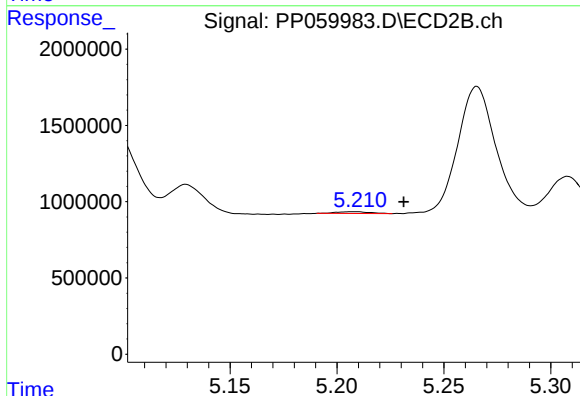
R.T.: 5.006 min
Delta R.T.: -0.008 min
Response: 2570720
Conc: 72.87 ng/ml



#7 AR-1016-5

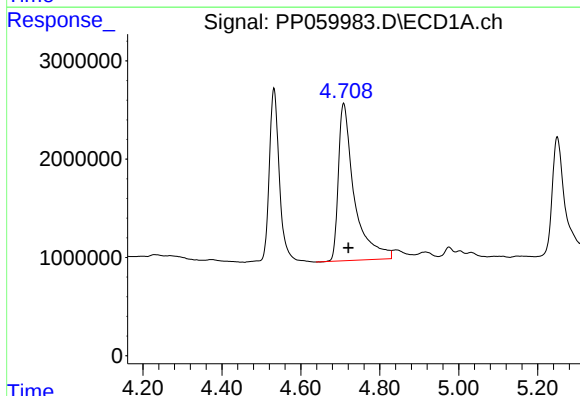
R.T.: 6.211 min
Delta R.T.: 0.026 min
Response: 11960402
Conc: 243.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



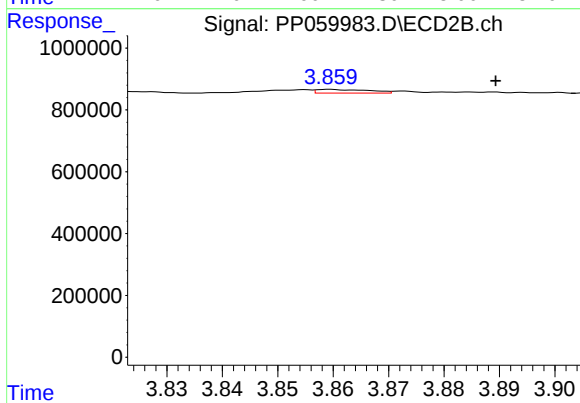
#7 AR-1016-5

R.T.: 5.209 min
Delta R.T.: -0.022 min
Response: 128234
Conc: 2.76 ng/ml



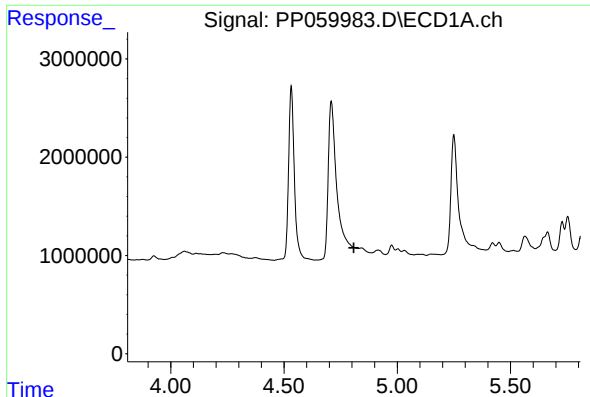
#8 AR-1221-1

R.T.: 4.709 min
Delta R.T.: -0.012 min
Response: 44730334
Conc: 1682.66 ng/ml



#8 AR-1221-1

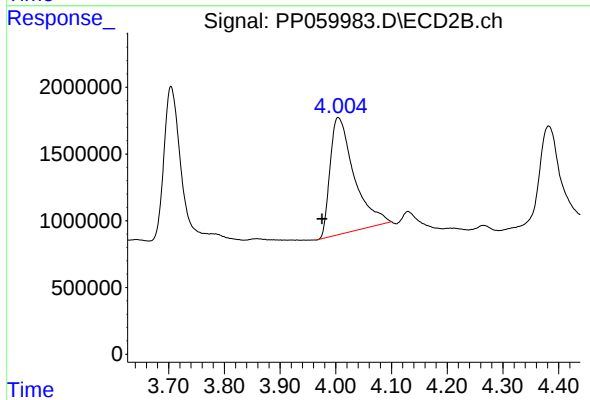
R.T.: 3.860 min
Delta R.T.: -0.030 min
Response: 76667
Conc: 3.49 ng/ml



#9 AR-1221-2

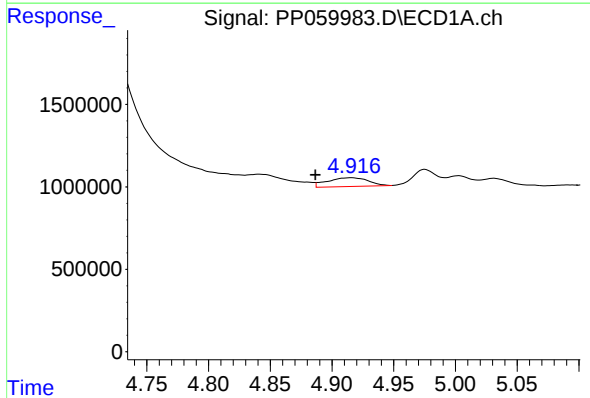
R.T.: 0.000 min
Exp R.T.: 4.809 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



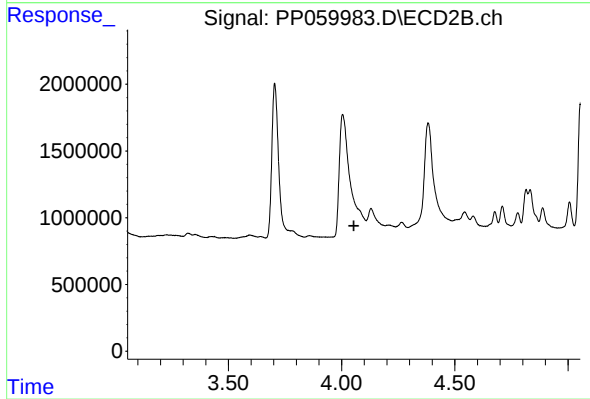
#9 AR-1221-2

R.T.: 4.005 min
Delta R.T.: 0.029 min
Response: 26288167
Conc: 1702.72 ng/ml



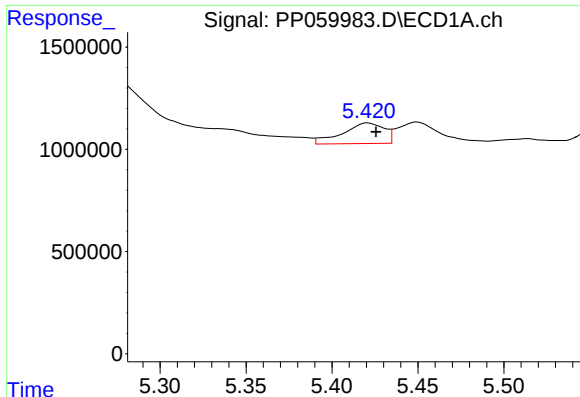
#10 AR-1221-3

R.T.: 4.916 min
Delta R.T.: 0.030 min
Response: 1217418
Conc: 21.31 ng/ml



#10 AR-1221-3

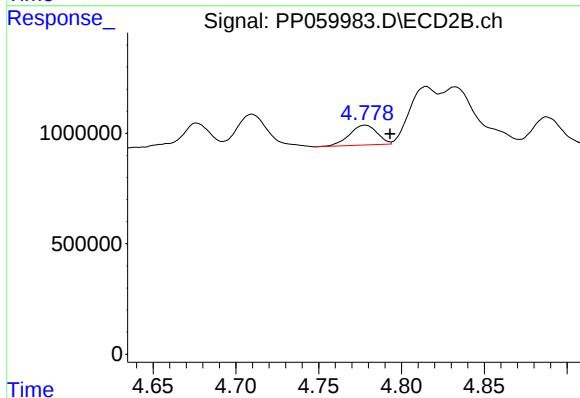
R.T.: 0.000 min
Exp R.T.: 4.054 min
Response: 0
Conc: N.D.



#12 AR-1232-2

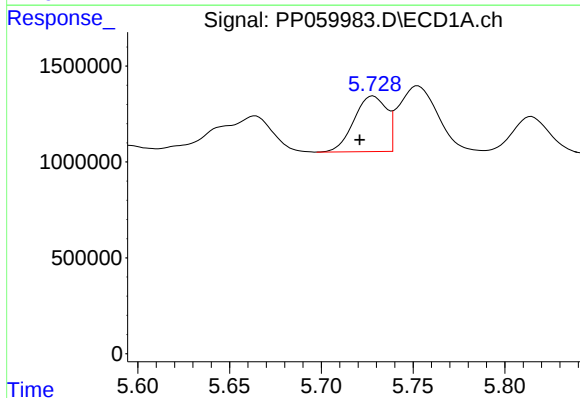
R.T.: 5.421 min
Delta R.T.: -0.005 min
Response: 1708826
Conc: 67.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



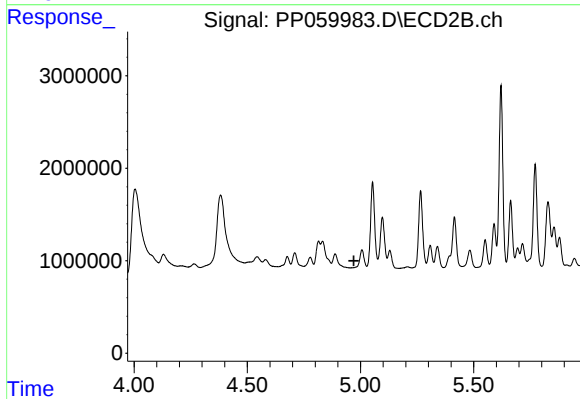
#12 AR-1232-2

R.T.: 4.778 min
Delta R.T.: -0.015 min
Response: 1053941
Conc: 28.58 ng/ml



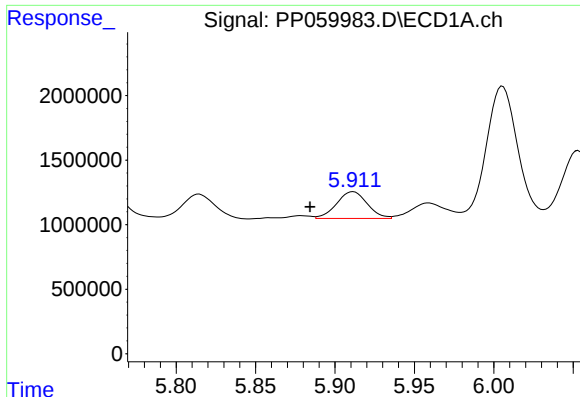
#13 AR-1232-3

R.T.: 5.728 min
Delta R.T.: 0.007 min
Response: 3575891
Conc: 82.77 ng/ml



#13 AR-1232-3

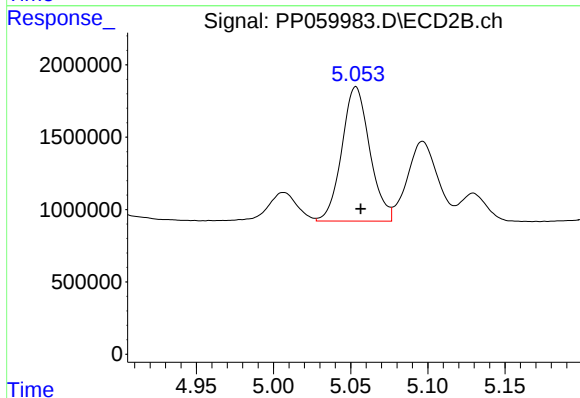
R.T.: 0.000 min
Exp R.T. : 4.971 min
Response: 0
Conc: N.D.



#14 AR-1232-4

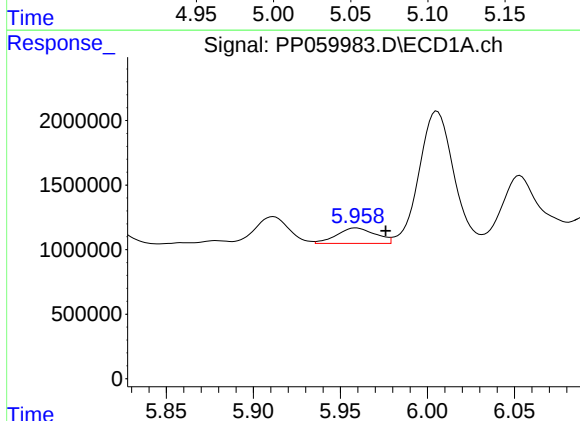
R.T.: 5.911 min
Delta R.T.: 0.027 min
Response: 2792232
Conc: 126.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



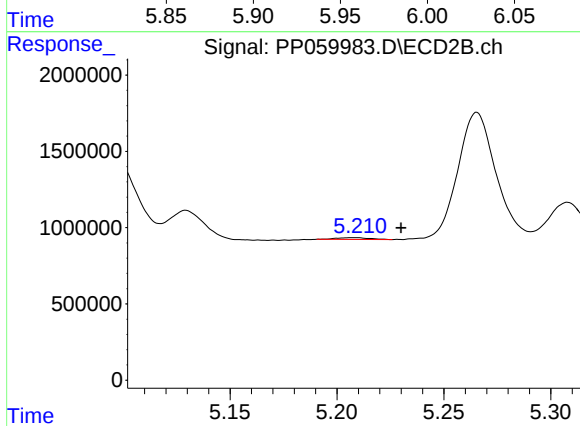
#14 AR-1232-4

R.T.: 5.053 min
Delta R.T.: -0.003 min
Response: 11702287
Conc: 640.64 ng/ml



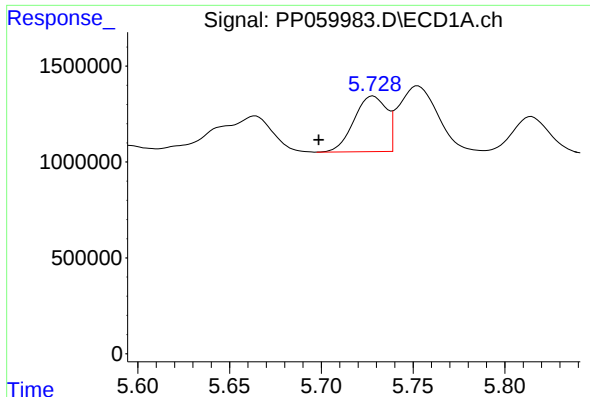
#15 AR-1232-5

R.T.: 5.959 min
Delta R.T.: -0.017 min
Response: 1851768
Conc: 100.94 ng/ml



#15 AR-1232-5

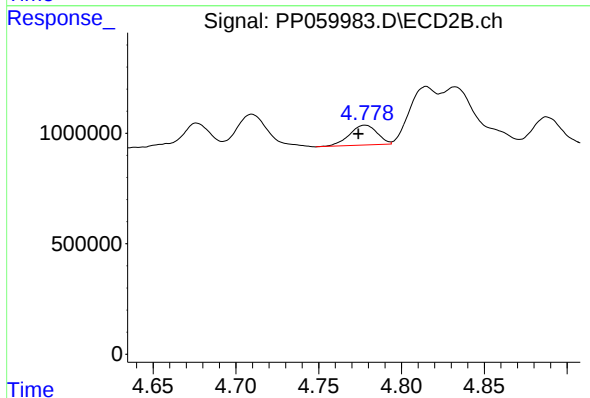
R.T.: 5.209 min
Delta R.T.: -0.021 min
Response: 128234
Conc: 6.40 ng/ml



#16 AR-1242-1

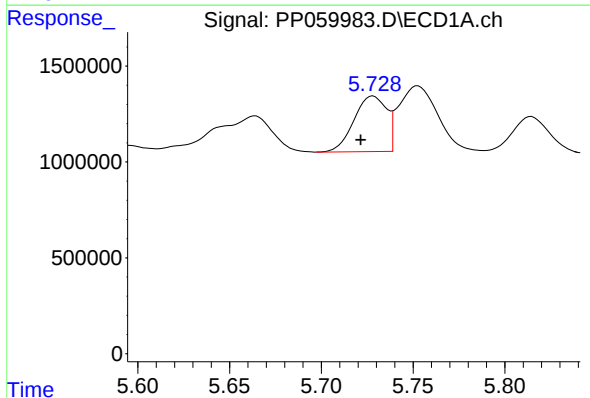
R.T.: 5.728 min
Delta R.T.: 0.030 min
Response: 3575891
Conc: 59.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



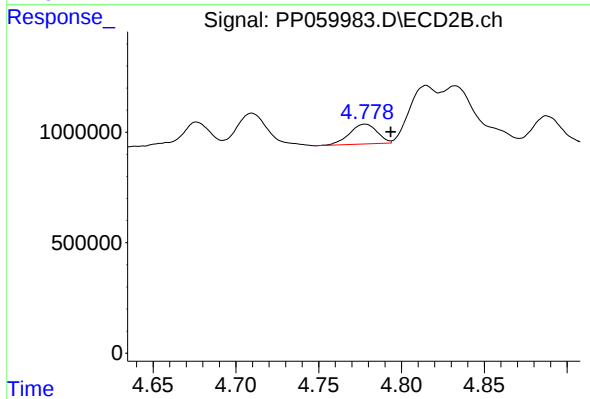
#16 AR-1242-1

R.T.: 4.778 min
Delta R.T.: 0.004 min
Response: 1053941
Conc: 20.01 ng/ml



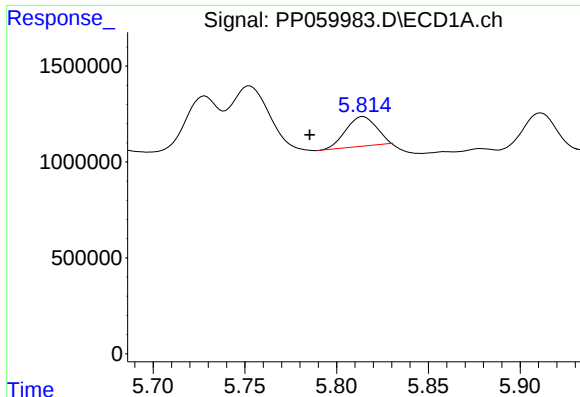
#17 AR-1242-2

R.T.: 5.728 min
Delta R.T.: 0.007 min
Response: 3575891
Conc: 42.55 ng/ml



#17 AR-1242-2

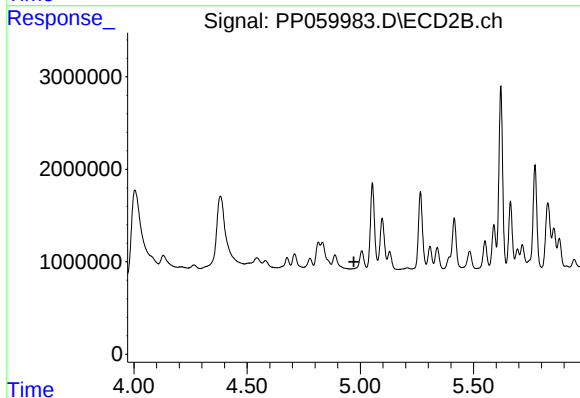
R.T.: 4.778 min
Delta R.T.: -0.015 min
Response: 1053941
Conc: 14.63 ng/ml



#18 AR-1242-3

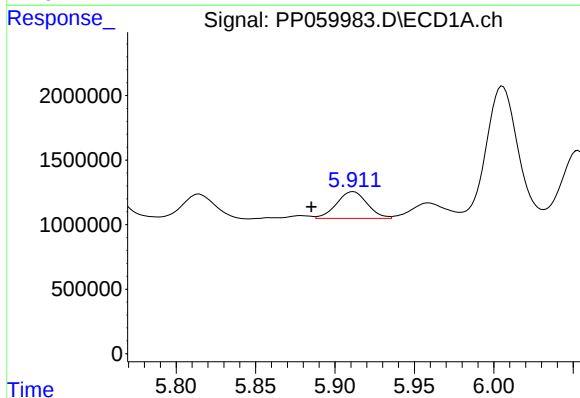
R.T.: 5.814 min
Delta R.T.: 0.029 min
Response: 1808155
Conc: 34.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



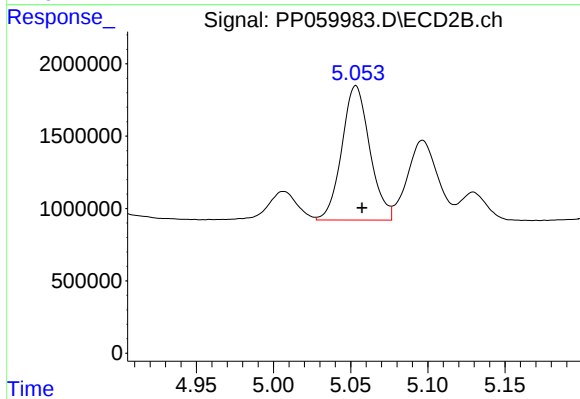
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.971 min
Response: 0
Conc: N.D.



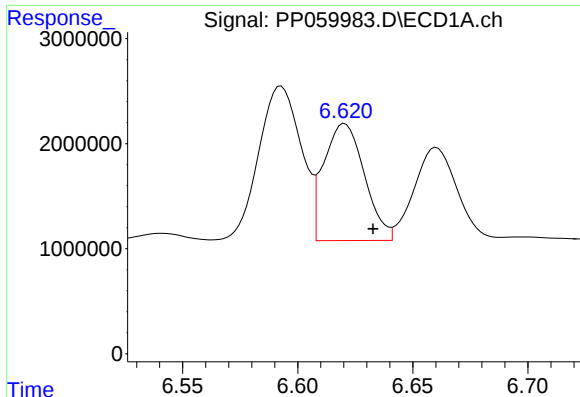
#19 AR-1242-4

R.T.: 5.911 min
Delta R.T.: 0.026 min
Response: 2792232
Conc: 64.80 ng/ml



#19 AR-1242-4

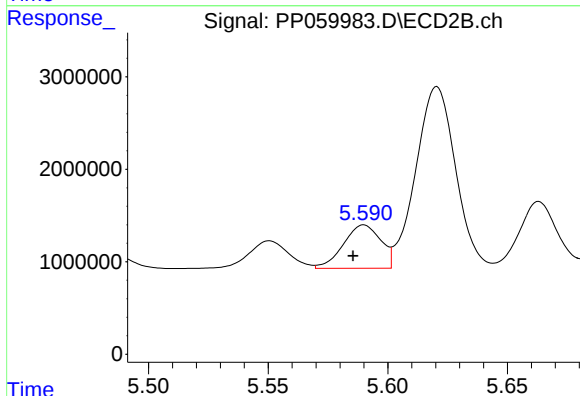
R.T.: 5.053 min
Delta R.T.: -0.004 min
Response: 11702287
Conc: 298.61 ng/ml



#20 AR-1242-5

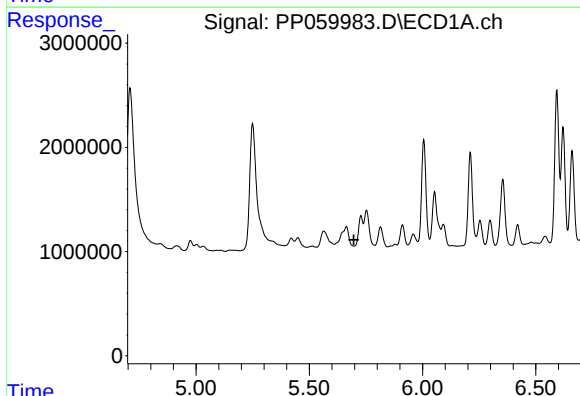
R.T.: 6.620 min
Delta R.T.: -0.012 min
Response: 13709983
Conc: 299.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



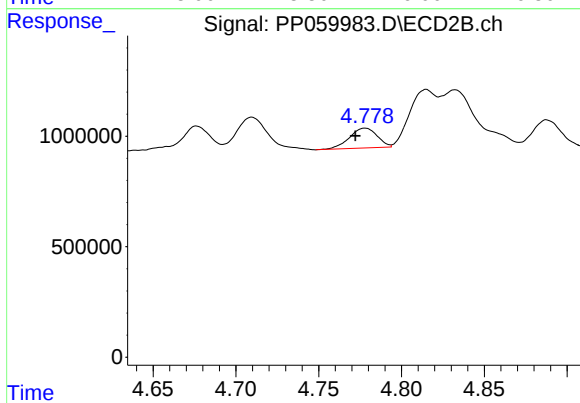
#20 AR-1242-5

R.T.: 5.590 min
Delta R.T.: 0.005 min
Response: 5105280
Conc: 105.52 ng/ml



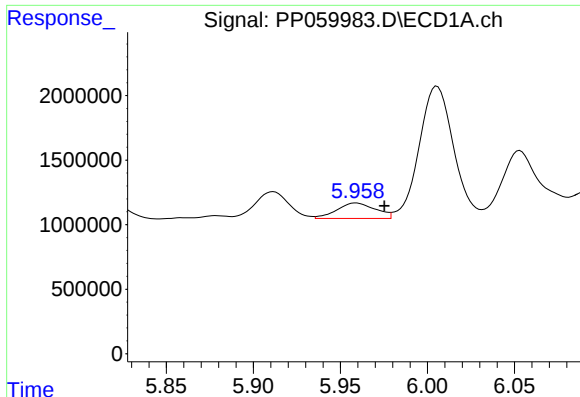
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.697 min
Response: 0
Conc: N.D.



#21 AR-1248-1

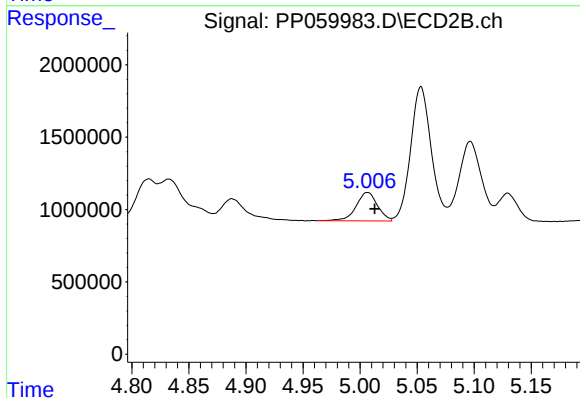
R.T.: 4.778 min
Delta R.T.: 0.006 min
Response: 1053941
Conc: 26.97 ng/ml



#22 AR-1248-2

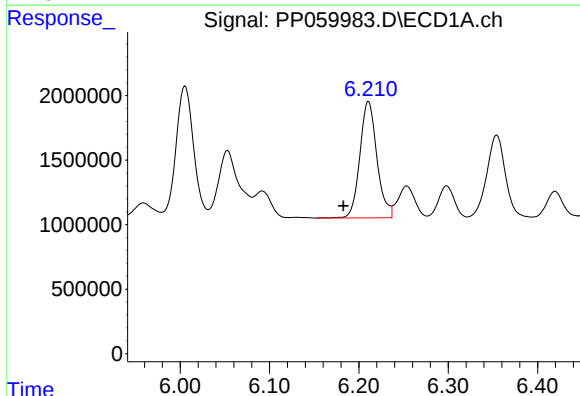
R.T.: 5.959 min
Delta R.T.: -0.016 min
Response: 1851768
Conc: 28.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



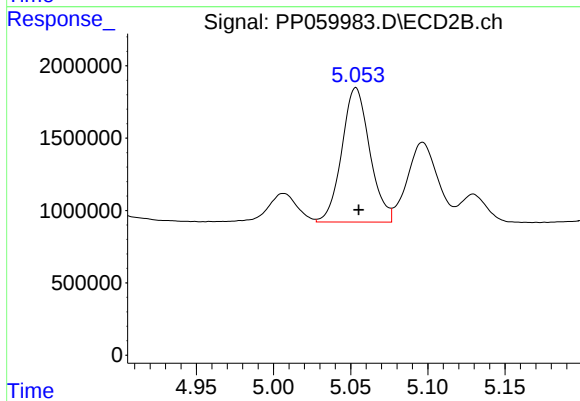
#22 AR-1248-2

R.T.: 5.006 min
Delta R.T.: -0.007 min
Response: 2570720
Conc: 47.44 ng/ml



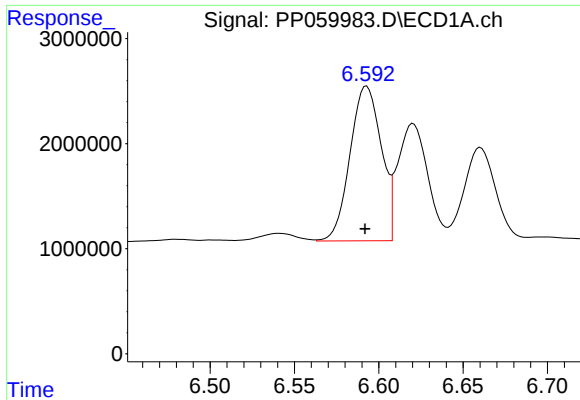
#23 AR-1248-3

R.T.: 6.211 min
Delta R.T.: 0.028 min
Response: 11960402
Conc: 168.88 ng/ml



#23 AR-1248-3

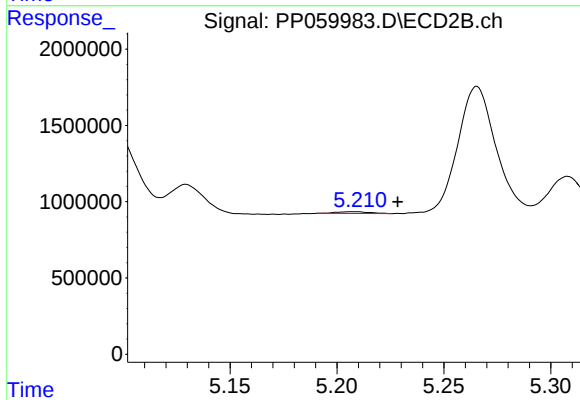
R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 11702287
Conc: 205.67 ng/ml



#24 AR-1248-4

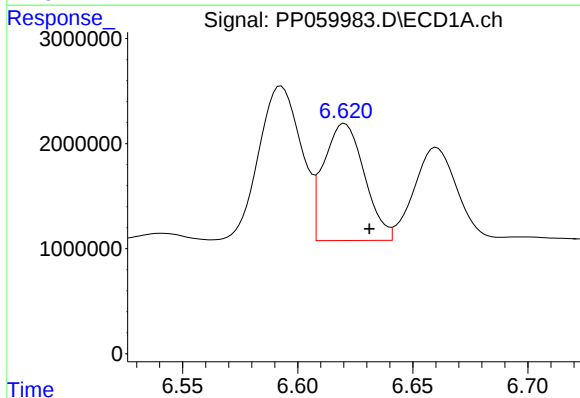
R.T.: 6.593 min
Delta R.T.: 0.000 min
Response: 18950182
Conc: 245.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



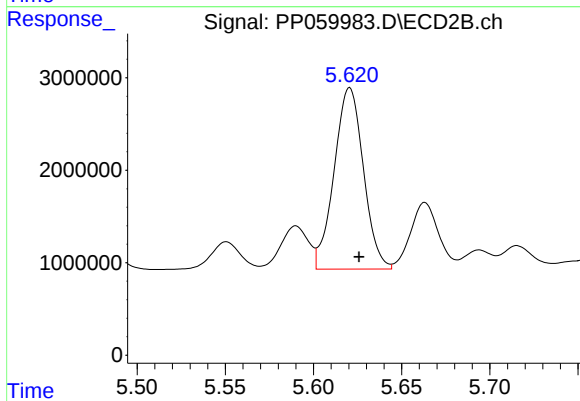
#24 AR-1248-4

R.T.: 5.209 min
Delta R.T.: -0.019 min
Response: 128234
Conc: 1.91 ng/ml



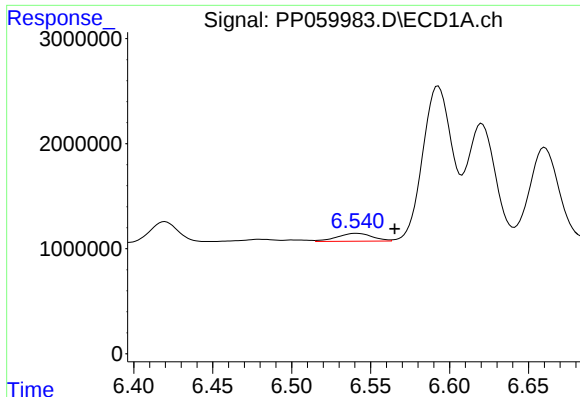
#25 AR-1248-5

R.T.: 6.620 min
Delta R.T.: -0.011 min
Response: 13709983
Conc: 182.22 ng/ml



#25 AR-1248-5

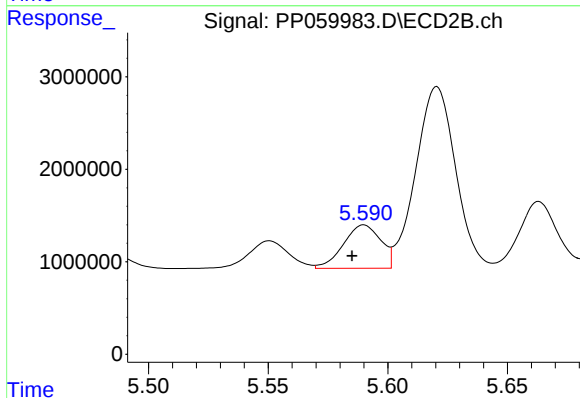
R.T.: 5.621 min
Delta R.T.: -0.005 min
Response: 22723649
Conc: 344.49 ng/ml



#26 AR-1254-1

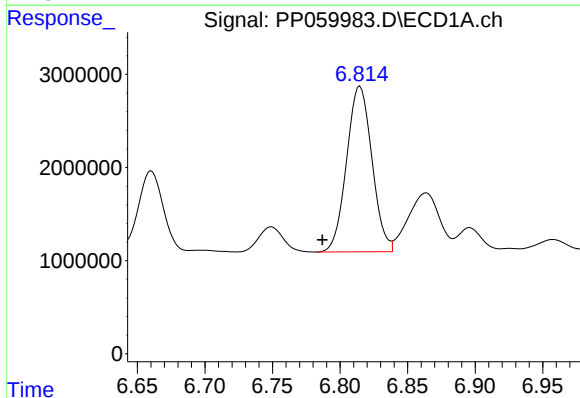
R.T.: 6.541 min
Delta R.T.: -0.024 min
Response: 1161536
Conc: 14.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



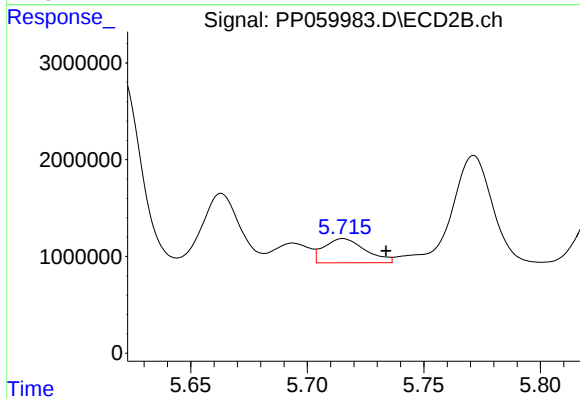
#26 AR-1254-1

R.T.: 5.590 min
Delta R.T.: 0.005 min
Response: 5105280
Conc: 50.87 ng/ml



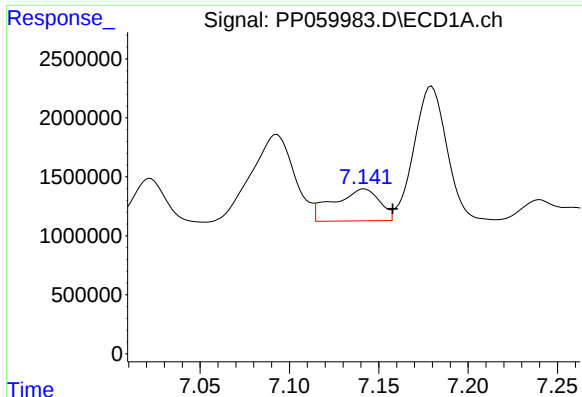
#27 AR-1254-2

R.T.: 6.815 min
Delta R.T.: 0.028 min
Response: 23225872
Conc: 193.92 ng/ml



#27 AR-1254-2

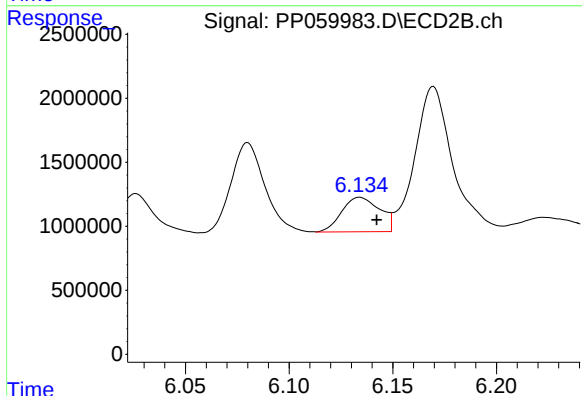
R.T.: 5.715 min
Delta R.T.: -0.018 min
Response: 3093549
Conc: 35.61 ng/ml



#28 AR-1254-3

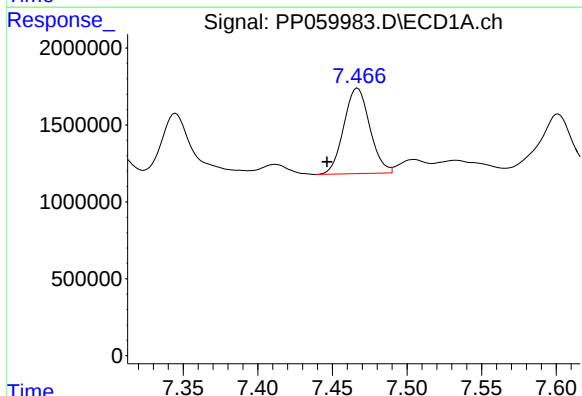
R.T.: 7.142 min
Delta R.T.: -0.016 min
Response: 4837358
Conc: 39.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



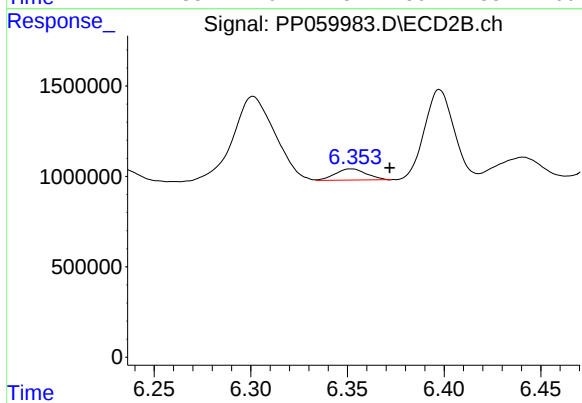
#28 AR-1254-3

R.T.: 6.134 min
Delta R.T.: -0.008 min
Response: 3427801
Conc: 24.41 ng/ml



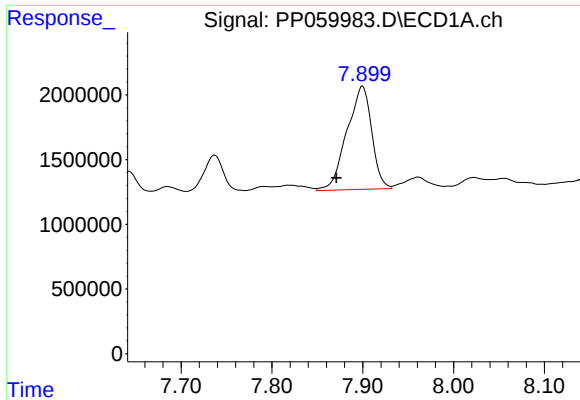
#29 AR-1254-4

R.T.: 7.467 min
Delta R.T.: 0.021 min
Response: 6725243
Conc: 75.62 ng/ml



#29 AR-1254-4

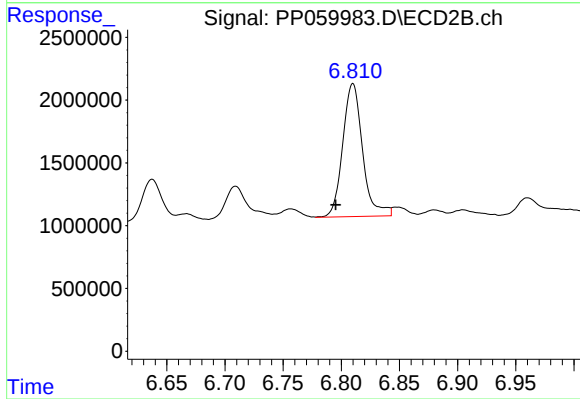
R.T.: 6.352 min
Delta R.T.: -0.020 min
Response: 694128
Conc: 8.25 ng/ml



#30 AR-1254-5

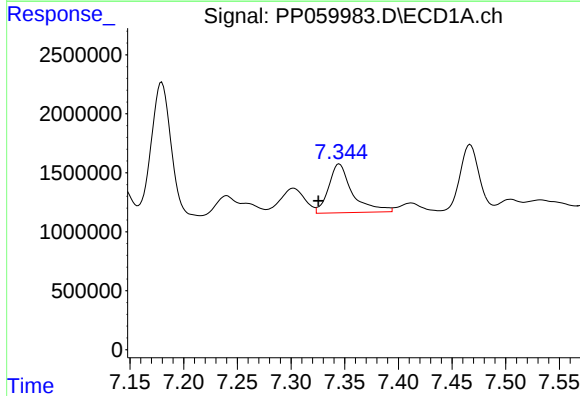
R.T.: 7.900 min
Delta R.T.: 0.029 min
Response: 15137207
Conc: 155.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



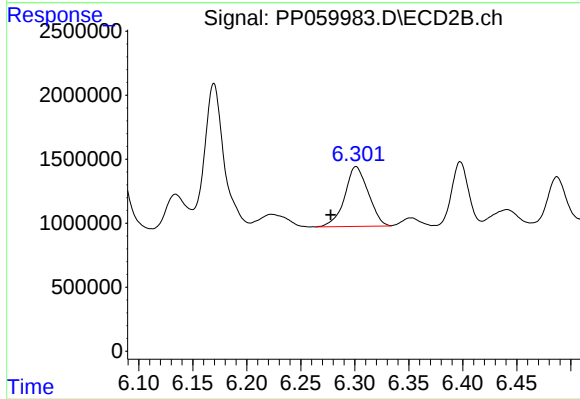
#30 AR-1254-5

R.T.: 6.810 min
Delta R.T.: 0.015 min
Response: 12580313
Conc: 106.06 ng/ml



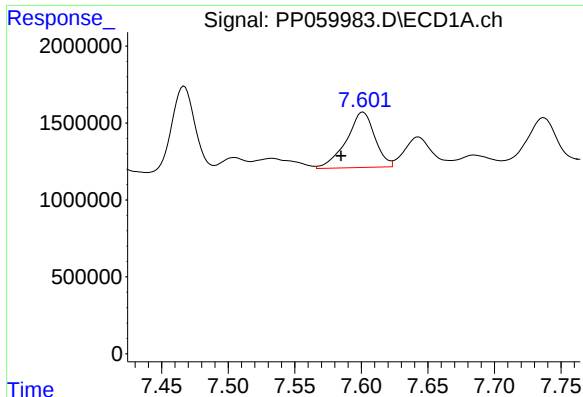
#31 AR-1260-1

R.T.: 7.345 min
Delta R.T.: 0.019 min
Response: 6385914
Conc: 70.85 ng/ml



#31 AR-1260-1

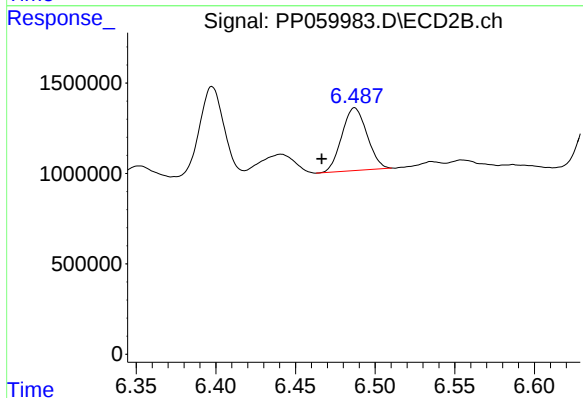
R.T.: 6.301 min
Delta R.T.: 0.023 min
Response: 7111858
Conc: 76.38 ng/ml



#32 AR-1260-2

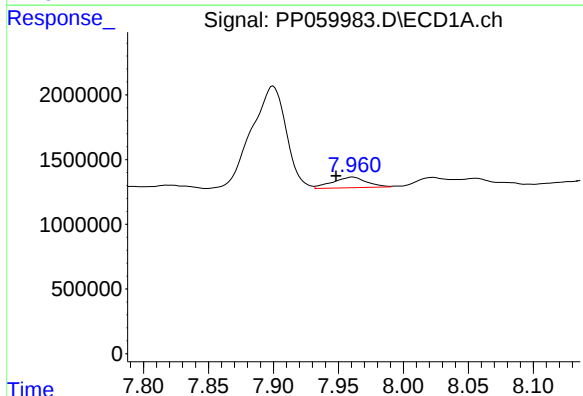
R.T.: 7.601 min
Delta R.T.: 0.017 min
Response: 5365539
Conc: 52.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



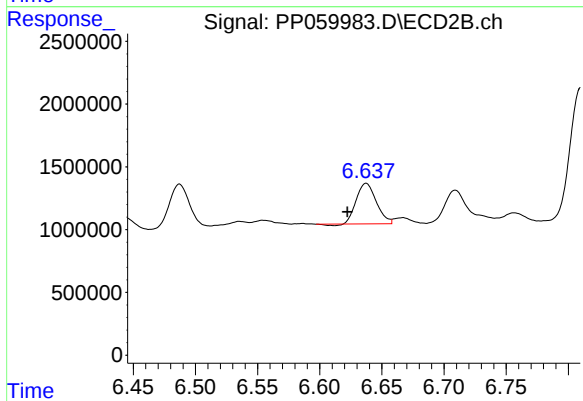
#32 AR-1260-2

R.T.: 6.487 min
Delta R.T.: 0.021 min
Response: 3829892
Conc: 34.93 ng/ml



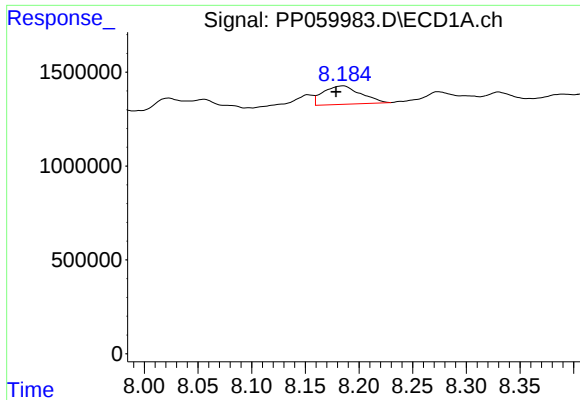
#33 AR-1260-3

R.T.: 7.961 min
Delta R.T.: 0.013 min
Response: 1496544
Conc: 19.00 ng/ml



#33 AR-1260-3

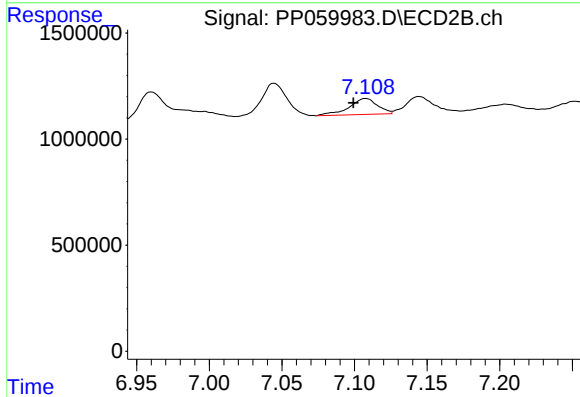
R.T.: 6.637 min
Delta R.T.: 0.015 min
Response: 3584720
Conc: 34.85 ng/ml



#34 AR-1260-4

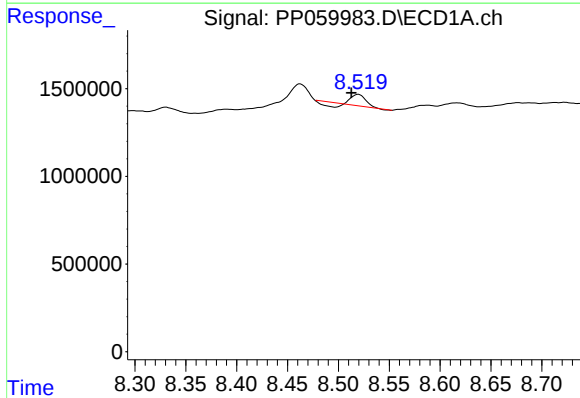
R.T.: 8.185 min
Delta R.T.: 0.007 min
Response: 2404875
Conc: 26.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



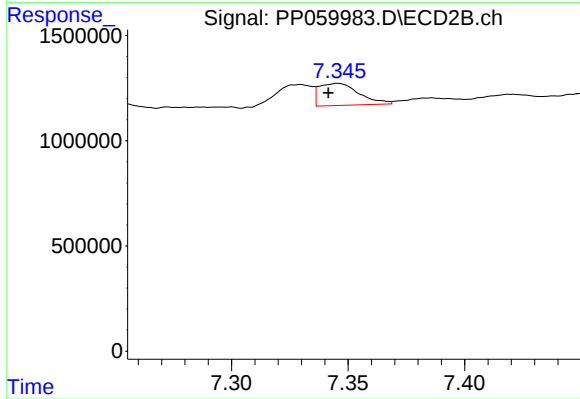
#34 AR-1260-4

R.T.: 7.108 min
Delta R.T.: 0.008 min
Response: 1024481
Conc: 12.30 ng/ml



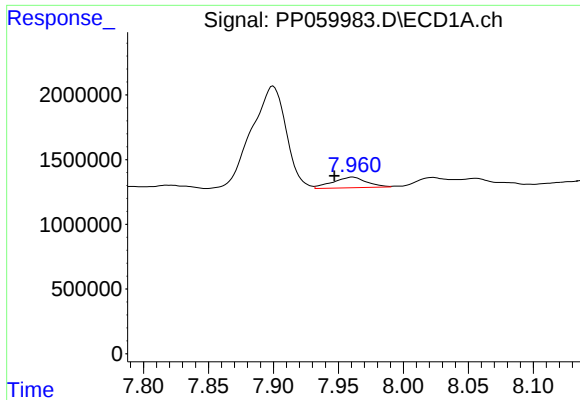
#35 AR-1260-5

R.T.: 8.520 min
Delta R.T.: 0.007 min
Response: 463369
Conc: 2.72 ng/ml



#35 AR-1260-5

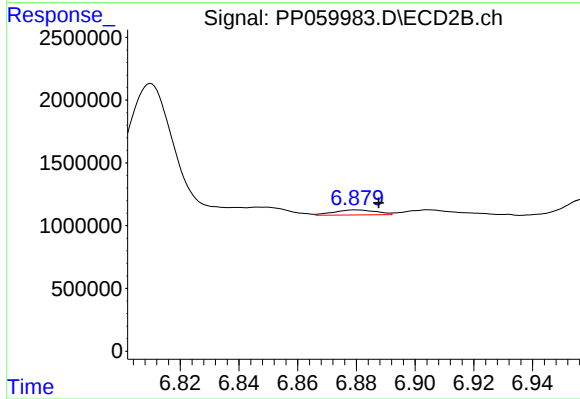
R.T.: 7.346 min
Delta R.T.: 0.004 min
Response: 1251677
Conc: 6.51 ng/ml



#36 AR-1262-1

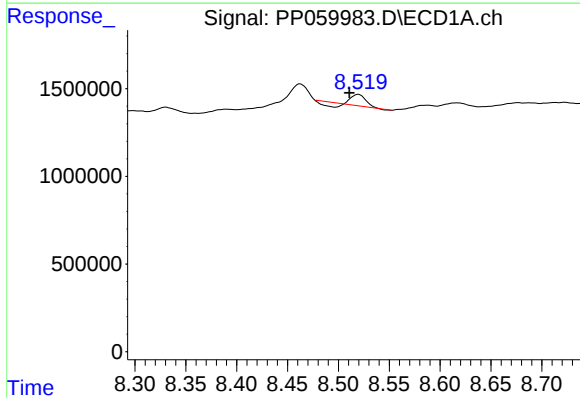
R.T.: 7.961 min
Delta R.T.: 0.014 min
Response: 1496544
Conc: 12.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



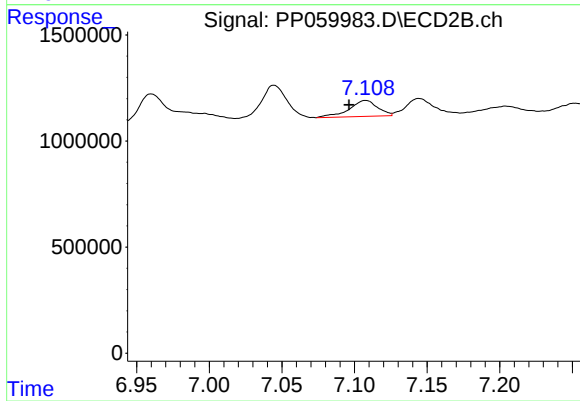
#36 AR-1262-1

R.T.: 6.880 min
Delta R.T.: -0.008 min
Response: 397422
Conc: 7.87 ng/ml



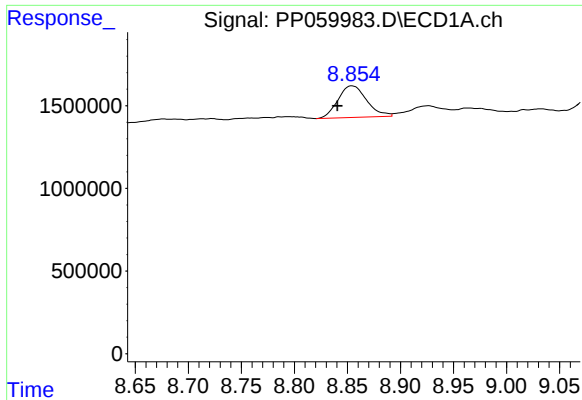
#37 AR-1262-2

R.T.: 8.520 min
Delta R.T.: 0.009 min
Response: 463369
Conc: 2.31 ng/ml



#37 AR-1262-2

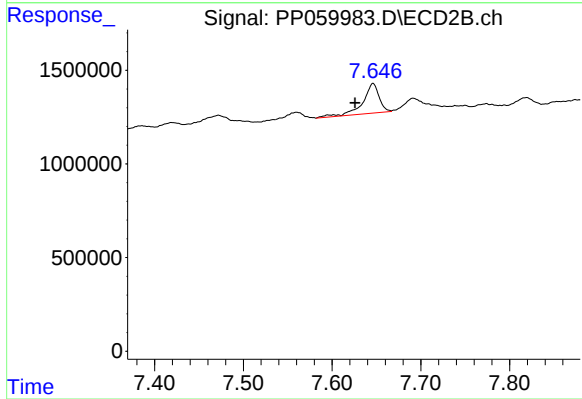
R.T.: 7.108 min
Delta R.T.: 0.011 min
Response: 1024481
Conc: 9.07 ng/ml



#38 AR-1262-3

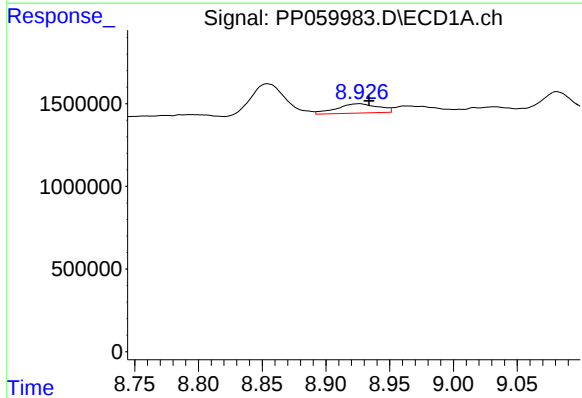
R.T.: 8.854 min
Delta R.T.: 0.014 min
Response: 3608852
Conc: 25.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



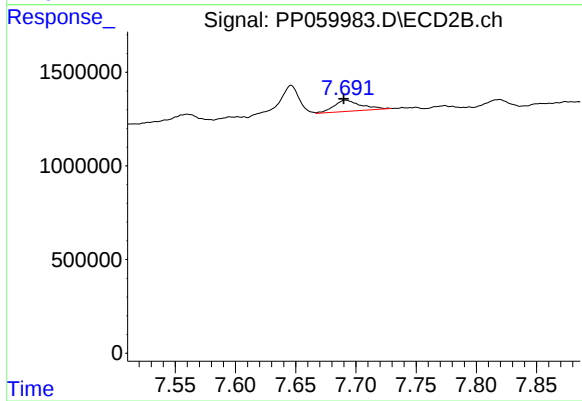
#38 AR-1262-3

R.T.: 7.646 min
Delta R.T.: 0.020 min
Response: 2039628
Conc: 23.27 ng/ml



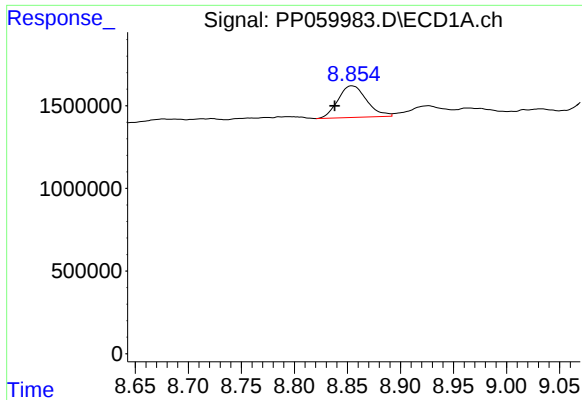
#39 AR-1262-4

R.T.: 8.927 min
Delta R.T.: -0.007 min
Response: 1293607
Conc: 11.39 ng/ml



#39 AR-1262-4

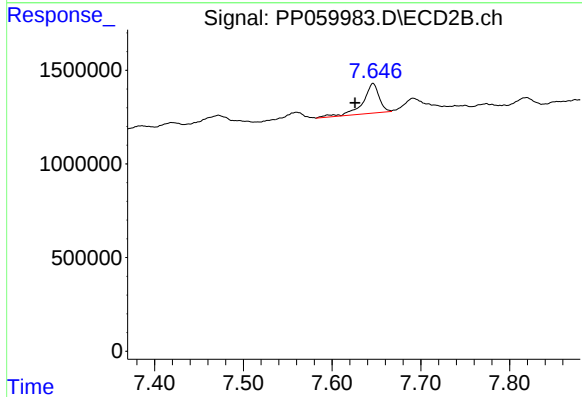
R.T.: 7.691 min
Delta R.T.: 0.001 min
Response: 985584
Conc: 6.04 ng/ml



#41 AR-1268-1

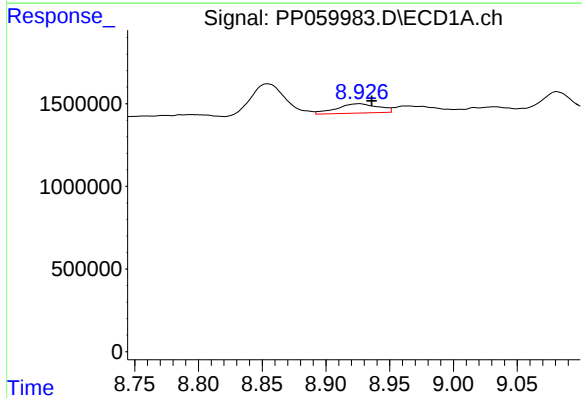
R.T.: 8.854 min
Delta R.T.: 0.016 min
Response: 3608852
Conc: 14.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



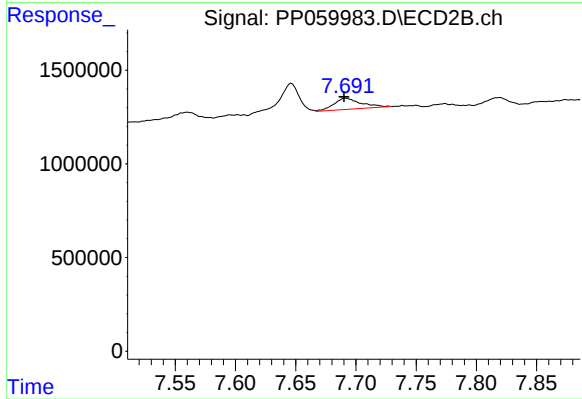
#41 AR-1268-1

R.T.: 7.646 min
Delta R.T.: 0.020 min
Response: 2039628
Conc: 7.83 ng/ml



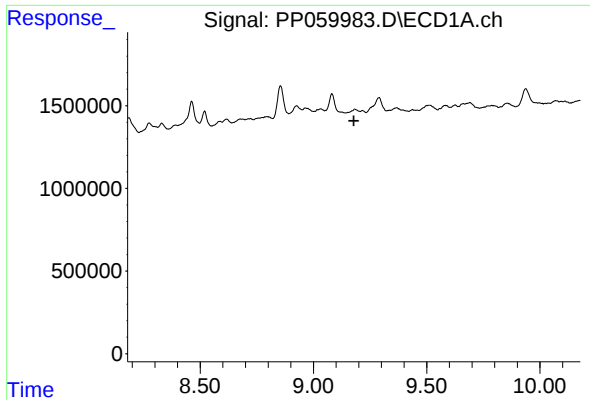
#42 AR-1268-2

R.T.: 8.927 min
Delta R.T.: -0.009 min
Response: 1293607
Conc: 5.64 ng/ml



#42 AR-1268-2

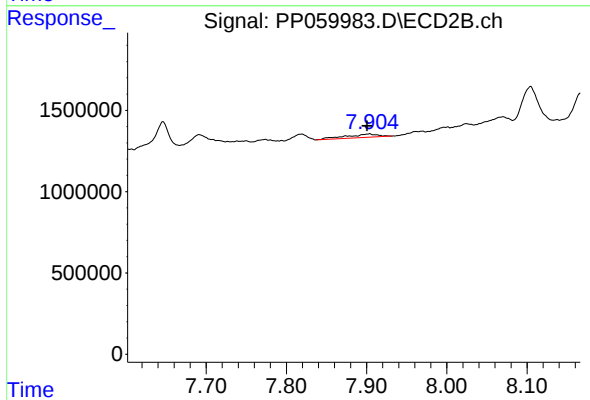
R.T.: 7.691 min
Delta R.T.: 0.001 min
Response: 985584
Conc: 4.26 ng/ml



#43 AR-1268-3

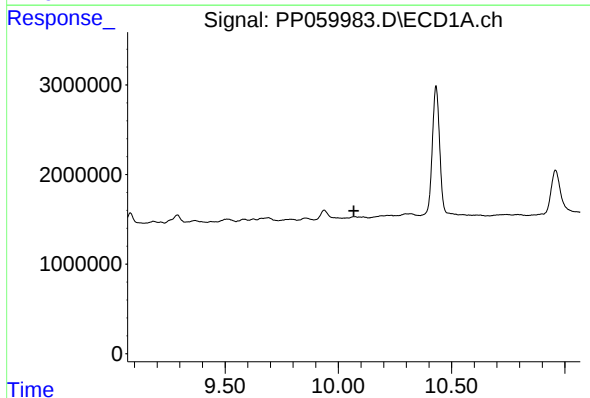
R.T.: 0.000 min
Exp R.T.: 9.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



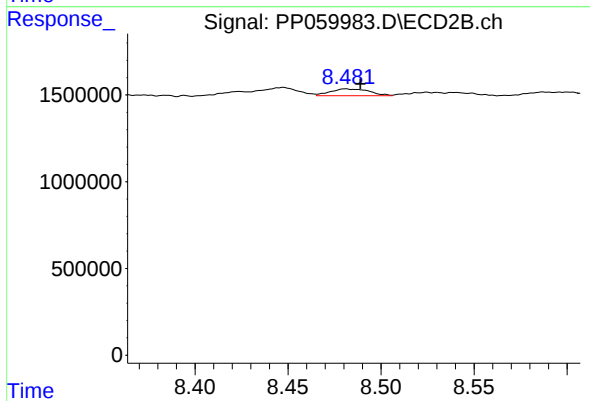
#43 AR-1268-3

R.T.: 7.904 min
Delta R.T.: 0.003 min
Response: 582240
Conc: 2.85 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.069 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.481 min
Delta R.T.: -0.008 min
Response: 574396
Conc: 0.91 ng/ml