

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041023\
 Data File : PP056806.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2023 11:17
 Operator : YP\AJ
 Sample : 02222-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 22:50:38 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	3.662	44826902	32054721	20.864	18.431
2)	SA Decachlor...	10.269	8.744	24942408	28182374	19.056	17.924
Target Compounds							
3)	L1 AR-1016-1	5.610	4.762	30620465	25630243	498.716	481.224
4)	L1 AR-1016-2	5.633	4.782	44355216	36473125	497.394	491.862
5)	L1 AR-1016-3	5.695	4.961	27867867	19954557	491.548	495.848
6)	L1 AR-1016-4	5.794	5.002	22364453	17890307	499.432	493.724
7)	L1 AR-1016-5	6.091	5.218	22570875	22679020	481.388	482.936
8)	L2 AR-1221-1	4.640	3.877	5987272	2212968	226.991	101.047 #
9)	L2 AR-1221-2	4.729	3.965	5626588	4007038	289.641	243.887
10)	L2 AR-1221-3	4.807	4.043	18879786	16110705	331.379	328.560
11)	L3 AR-1232-1	4.807	4.043	18879786	16110705	391.987	391.615
12)	L3 AR-1232-2	5.341	4.782	26360414	36473125	1055.272	1064.211
13)	L3 AR-1232-3	5.633	4.961	44355216	19954557	1100.143	1084.446
14)	L3 AR-1232-4	5.794	5.044	22364453	21833799	1109.956	1139.377
15)	L3 AR-1232-5	5.886	5.218	20675755	22679020	1176.321	1066.927
16)	L4 AR-1242-1	5.610	4.762	30620465	25630243	608.906	595.905
17)	L4 AR-1242-2	5.633	4.782	44355216	36473125	609.102	612.969
18)	L4 AR-1242-3	5.695	4.961	27867867	19954557	608.221	618.496
19)	L4 AR-1242-4	5.794	5.044	22364453	21833799	619.808	599.247
20)	L4 AR-1242-5	6.536	5.575	3040349	18111584	91.594	454.242 #
21)	L5 AR-1248-1	5.610	4.762	30620465	25630243	816.128	778.619
22)	L5 AR-1248-2	5.886	5.002	20675755	17890307	351.066	347.098
23)	L5 AR-1248-3	6.091	5.044	22570875	21833799	354.264	406.728
24)	L5 AR-1248-4	6.496	5.218	3116491	22679020	53.663	366.529 #
25)	L5 AR-1248-5	6.536	5.616	3040349	2477028	53.824	48.244
26)	L6 AR-1254-1	6.471	5.575	17700006	18111584	249.627	196.614
27)	L6 AR-1254-2	6.690	5.723	17809771	17291101	175.622	215.145
28)	L6 AR-1254-3	7.060	6.147	8882949	30011364	91.641	242.778 #
29)	L6 AR-1254-4	7.347	6.361	5247801	2537850	85.980	39.930 #
30)	L6 AR-1254-5	7.767	6.784	47965893	51105027	703.907	486.084 #
31)	L7 AR-1260-1	7.225	6.264	39414002	43095661	484.192	450.585
32)	L7 AR-1260-2	7.483	6.453	41237906	46879684	483.346	453.919
33)	L7 AR-1260-3	7.845	6.609	27950878	45500810	400.237	438.752
34)	L7 AR-1260-4	8.072	7.084	34136287	33125229	447.400	387.839
35)	L7 AR-1260-5	8.398	7.326	57222745	60905481	452.090	384.837
36)	L8 AR-1262-1	7.845	6.876	27950878	19174696	317.333	409.797 #
37)	L8 AR-1262-2	8.398	7.084	57222745	33125229	441.959	338.682
38)	L8 AR-1262-3	8.732	7.613	37919087	13661170	411.672	205.698 #
39)	L8 AR-1262-4	8.790f	7.676	23614833	47224945	520.091	400.674
40)	L8 AR-1262-5	9.485	8.176	12395947	13509324	308.567	277.184
41)	L9 AR-1268-1	8.732f	7.613	37919087	13661170	203.583	61.625 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041023\
 Data File : PP056806.D
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 Acq On : 10 Apr 2023 11:17
 Operator : YP\AJ
 Sample : 02222-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

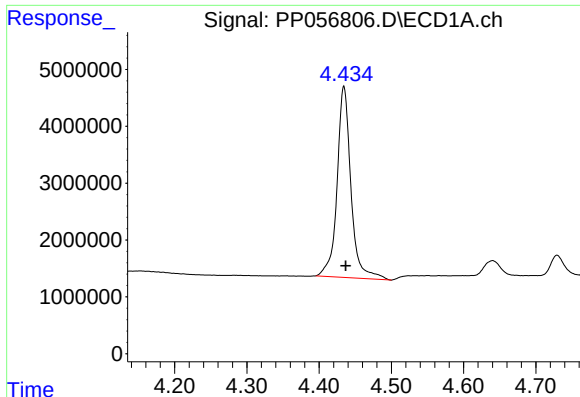
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 22:50:38 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
42) L9	AR-1268-2	8.790f	7.676	23614833	47224945	142.302	243.174 #
43) L9	AR-1268-3	9.048	7.888	1324577	1353461	8.324	6.828
44) L9	AR-1268-4	9.485	8.176	12395947	13509324	266.983	233.554
45) L9	AR-1268-5	9.917	8.478	4706948	5994186	10.960	11.803

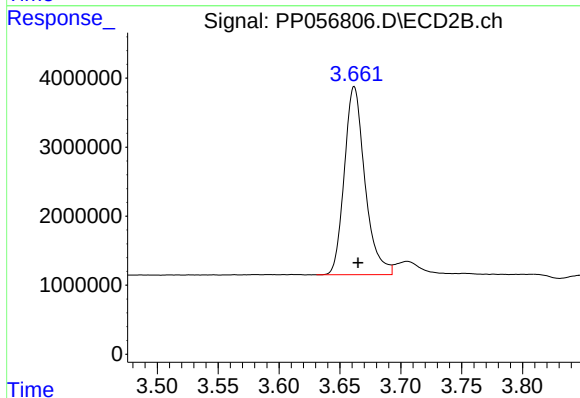
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

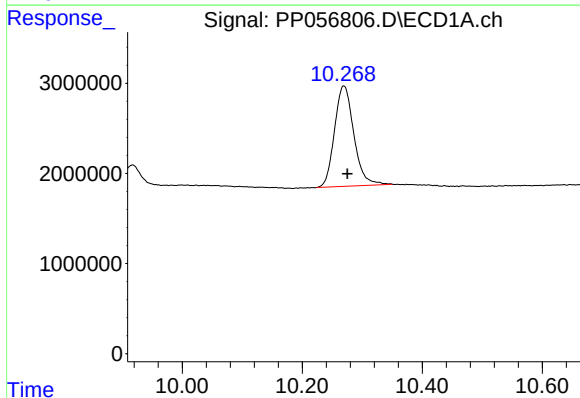
R.T.: 4.434 min
Delta R.T.: -0.003 min
Response: 44826902
Conc: 20.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



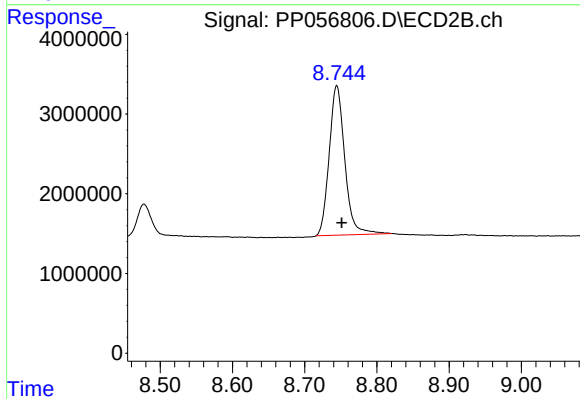
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: -0.003 min
Response: 32054721
Conc: 18.43 ng/ml



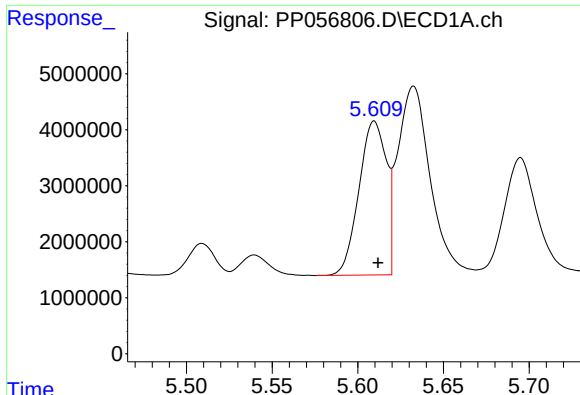
#2 Decachlorobiphenyl

R.T.: 10.269 min
Delta R.T.: -0.006 min
Response: 24942408
Conc: 19.06 ng/ml



#2 Decachlorobiphenyl

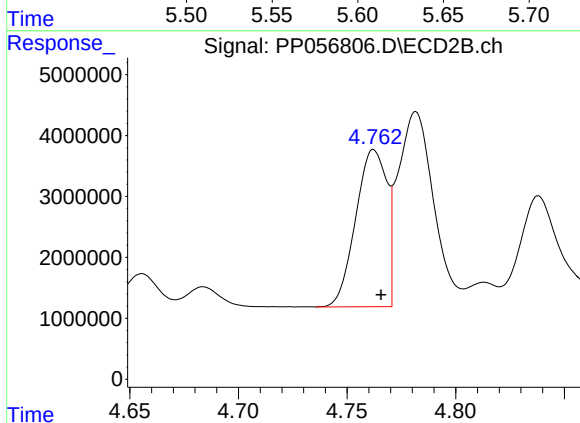
R.T.: 8.744 min
Delta R.T.: -0.007 min
Response: 28182374
Conc: 17.92 ng/ml



#3 AR-1016-1

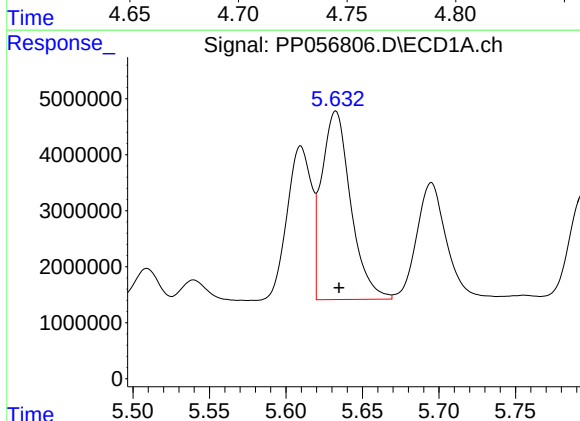
R.T.: 5.610 min
Delta R.T.: -0.002 min
Response: 30620465
Conc: 498.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



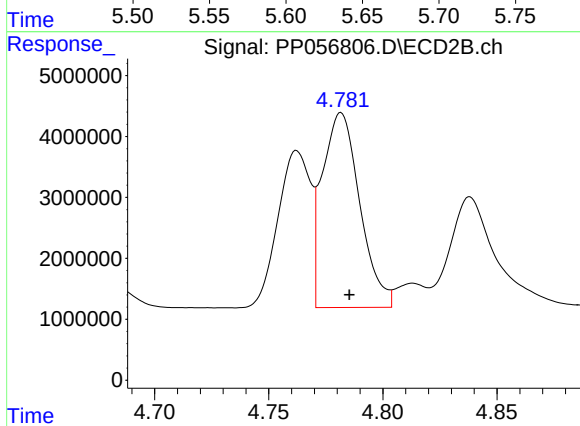
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 25630243
Conc: 481.22 ng/ml



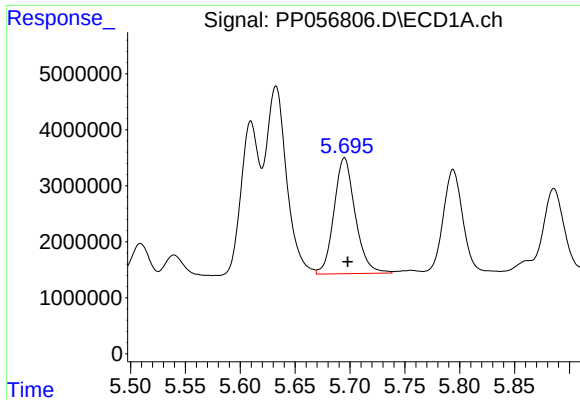
#4 AR-1016-2

R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 44355216
Conc: 497.39 ng/ml



#4 AR-1016-2

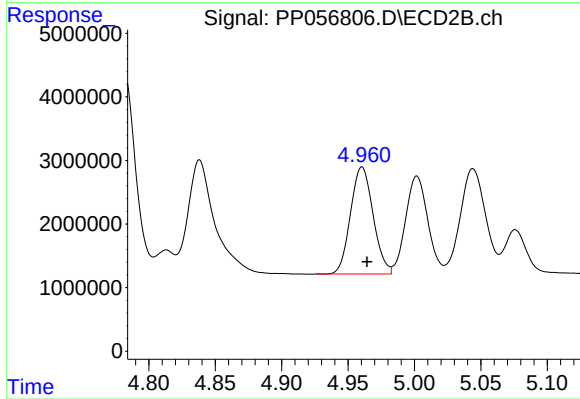
R.T.: 4.782 min
Delta R.T.: -0.004 min
Response: 36473125
Conc: 491.86 ng/ml



#5 AR-1016-3

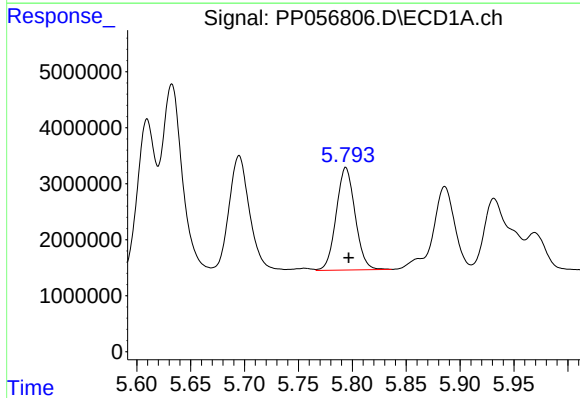
R.T.: 5.695 min
Delta R.T.: -0.003 min
Response: 27867867
Conc: 491.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



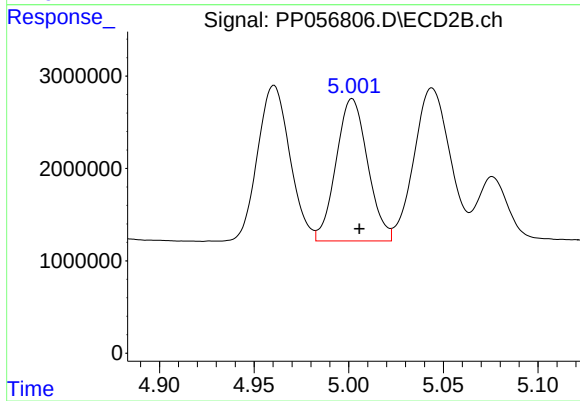
#5 AR-1016-3

R.T.: 4.961 min
Delta R.T.: -0.004 min
Response: 19954557
Conc: 495.85 ng/ml



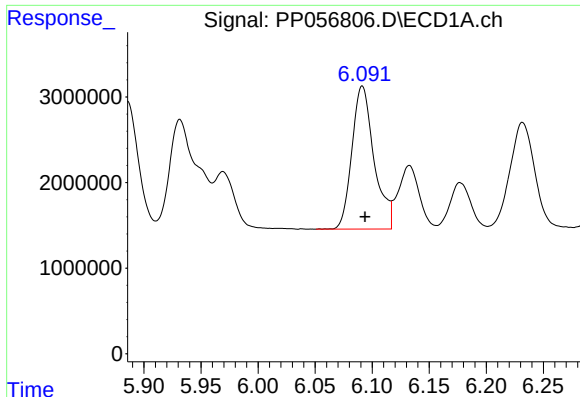
#6 AR-1016-4

R.T.: 5.794 min
Delta R.T.: -0.003 min
Response: 22364453
Conc: 499.43 ng/ml



#6 AR-1016-4

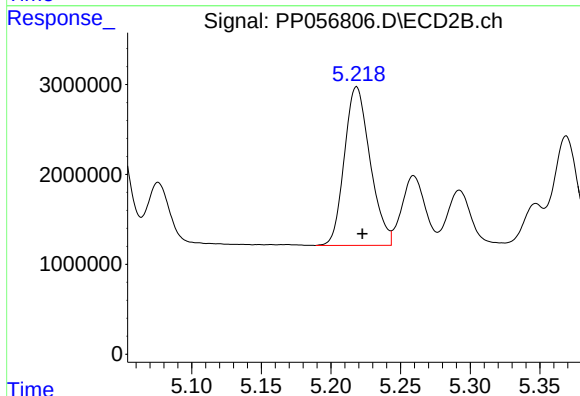
R.T.: 5.002 min
Delta R.T.: -0.004 min
Response: 17890307
Conc: 493.72 ng/ml



#7 AR-1016-5

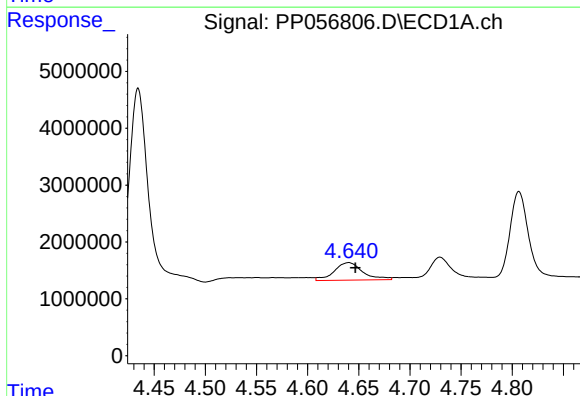
R.T.: 6.091 min
Delta R.T.: -0.002 min
Response: 22570875
Conc: 481.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



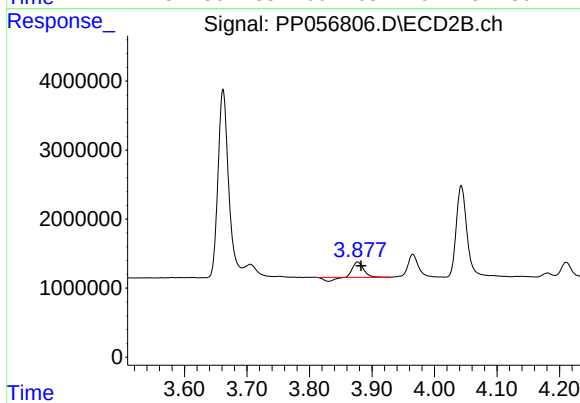
#7 AR-1016-5

R.T.: 5.218 min
Delta R.T.: -0.004 min
Response: 22679020
Conc: 482.94 ng/ml



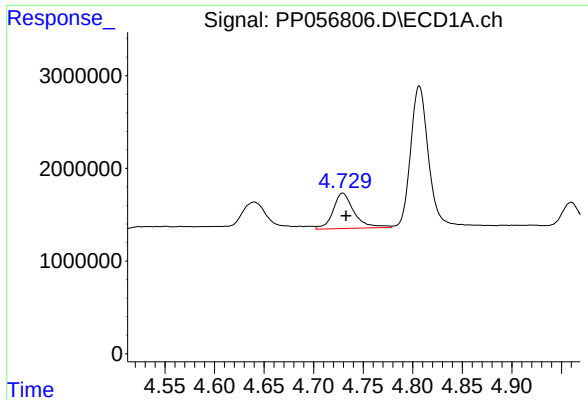
#8 AR-1221-1

R.T.: 4.640 min
Delta R.T.: -0.007 min
Response: 5987272
Conc: 226.99 ng/ml



#8 AR-1221-1

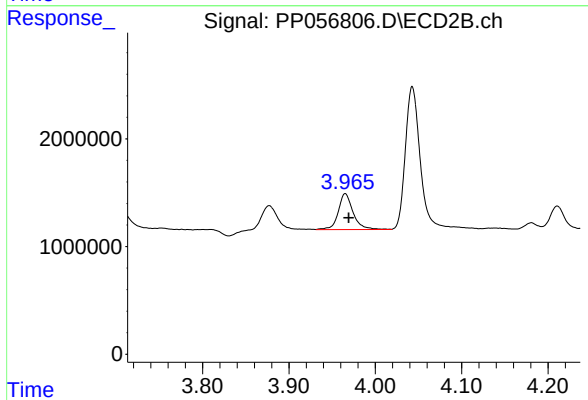
R.T.: 3.877 min
Delta R.T.: -0.005 min
Response: 2212968
Conc: 101.05 ng/ml



#9 AR-1221-2

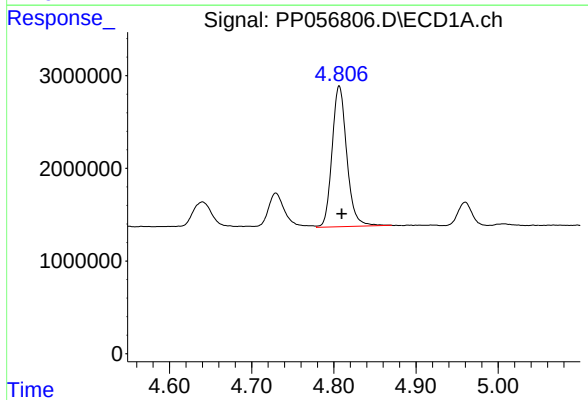
R.T.: 4.729 min
Delta R.T.: -0.003 min
Response: 5626588
Conc: 289.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



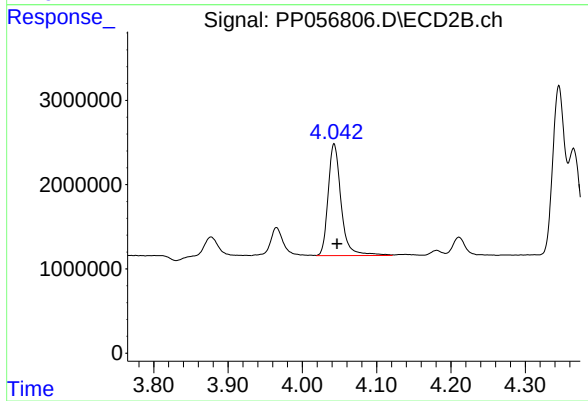
#9 AR-1221-2

R.T.: 3.965 min
Delta R.T.: -0.004 min
Response: 4007038
Conc: 243.89 ng/ml



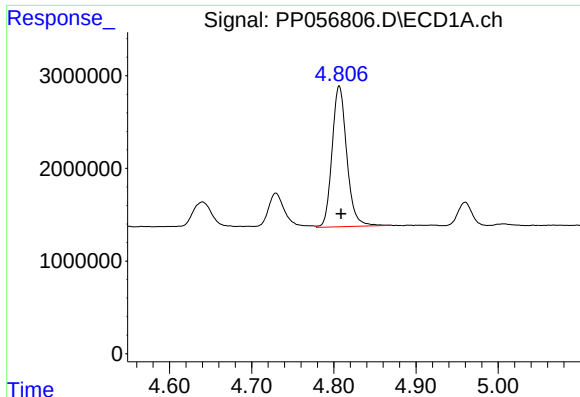
#10 AR-1221-3

R.T.: 4.807 min
Delta R.T.: -0.003 min
Response: 18879786
Conc: 331.38 ng/ml



#10 AR-1221-3

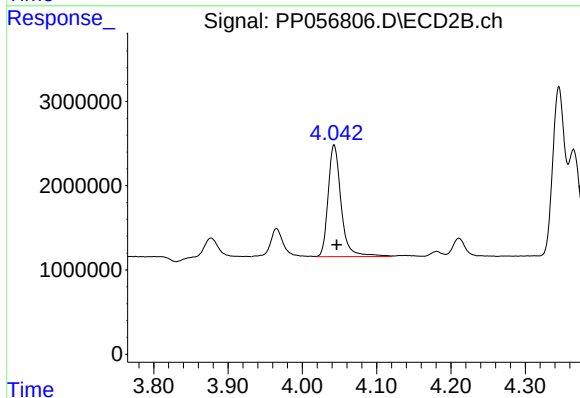
R.T.: 4.043 min
Delta R.T.: -0.004 min
Response: 16110705
Conc: 328.56 ng/ml



#11 AR-1232-1

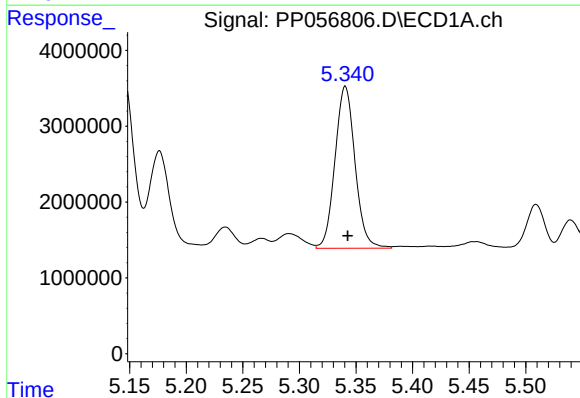
R.T.: 4.807 min
Delta R.T.: -0.002 min
Response: 18879786
Conc: 391.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



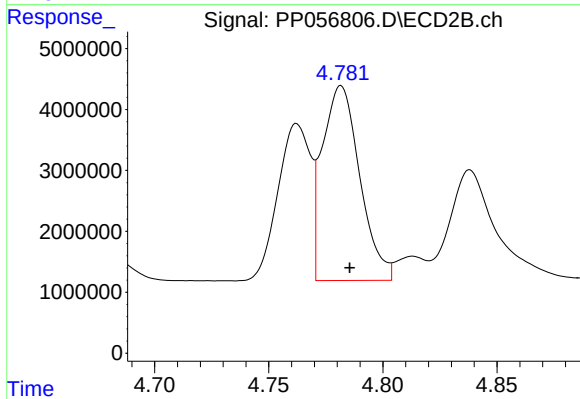
#11 AR-1232-1

R.T.: 4.043 min
Delta R.T.: -0.004 min
Response: 16110705
Conc: 391.61 ng/ml



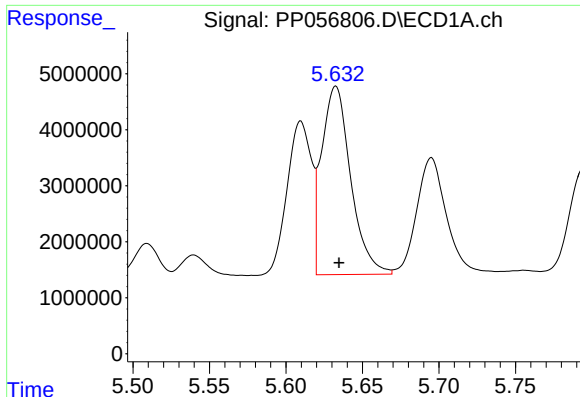
#12 AR-1232-2

R.T.: 5.341 min
Delta R.T.: -0.002 min
Response: 26360414
Conc: 1055.27 ng/ml



#12 AR-1232-2

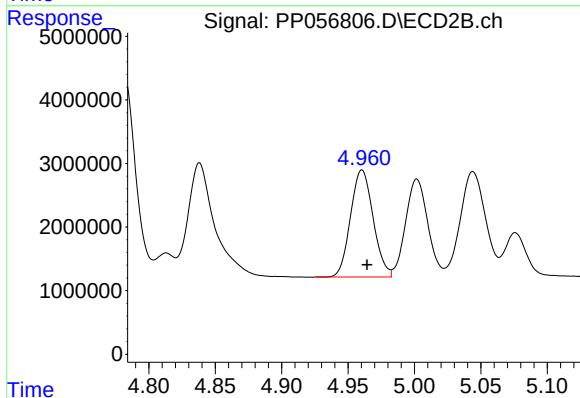
R.T.: 4.782 min
Delta R.T.: -0.004 min
Response: 36473125
Conc: 1064.21 ng/ml



#13 AR-1232-3

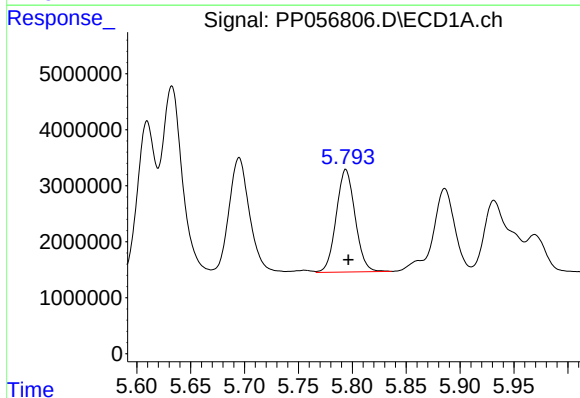
R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 44355216
Conc: 1100.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



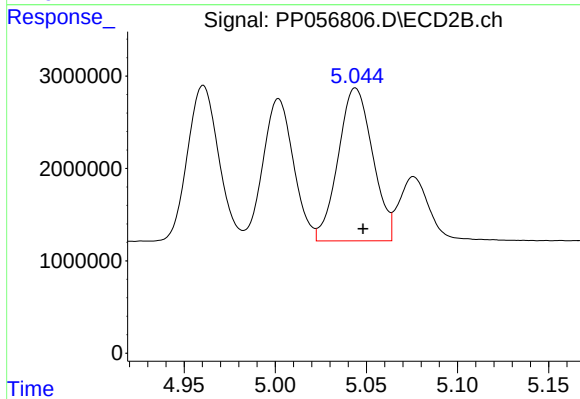
#13 AR-1232-3

R.T.: 4.961 min
Delta R.T.: -0.004 min
Response: 19954557
Conc: 1084.45 ng/ml



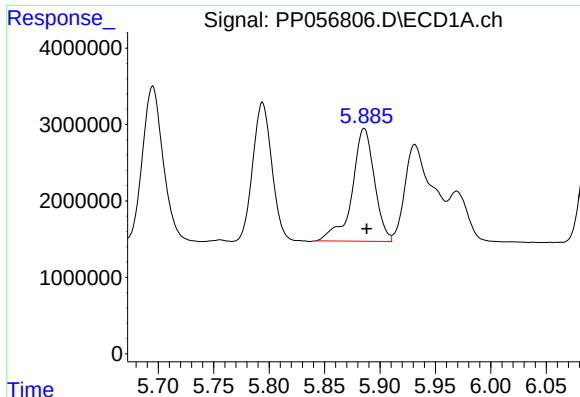
#14 AR-1232-4

R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 22364453
Conc: 1109.96 ng/ml



#14 AR-1232-4

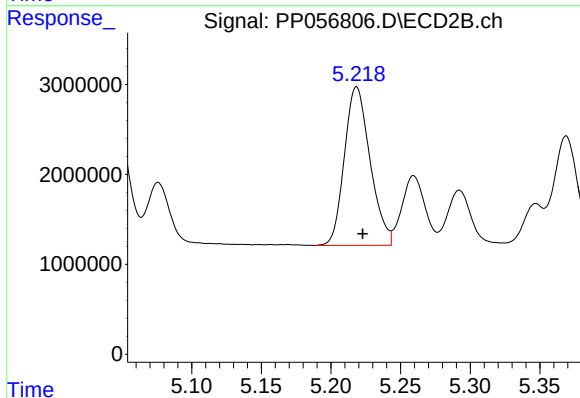
R.T.: 5.044 min
Delta R.T.: -0.004 min
Response: 21833799
Conc: 1139.38 ng/ml



#15 AR-1232-5

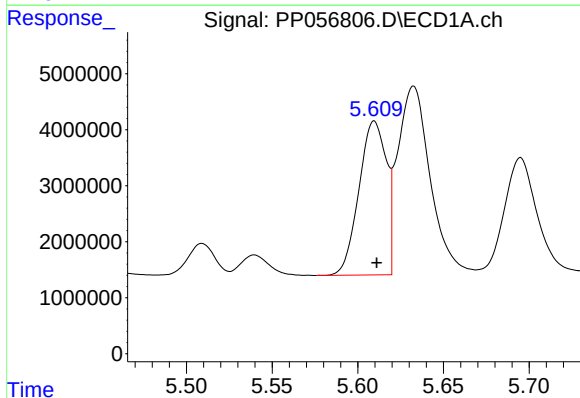
R.T.: 5.886 min
Delta R.T.: -0.002 min
Response: 20675755
Conc: 1176.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



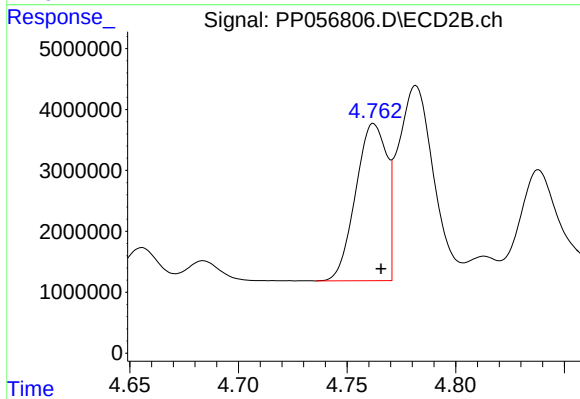
#15 AR-1232-5

R.T.: 5.218 min
Delta R.T.: -0.004 min
Response: 22679020
Conc: 1066.93 ng/ml



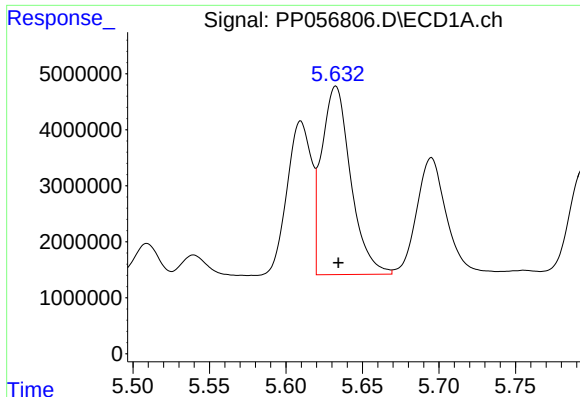
#16 AR-1242-1

R.T.: 5.610 min
Delta R.T.: -0.001 min
Response: 30620465
Conc: 608.91 ng/ml



#16 AR-1242-1

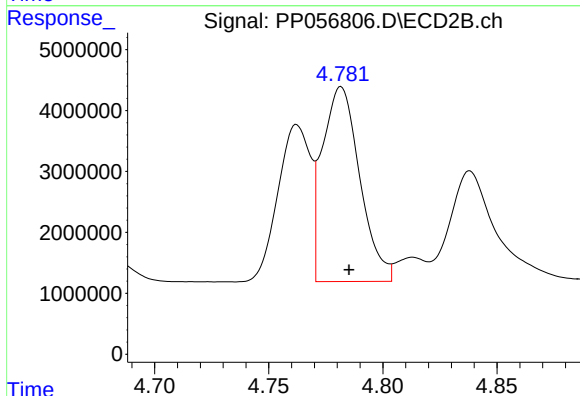
R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 25630243
Conc: 595.91 ng/ml



#17 AR-1242-2

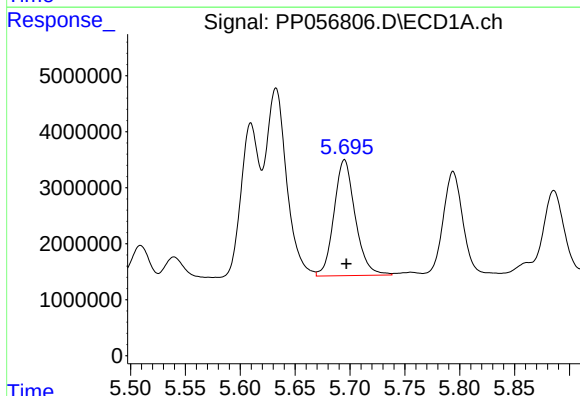
R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 44355216
Conc: 609.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



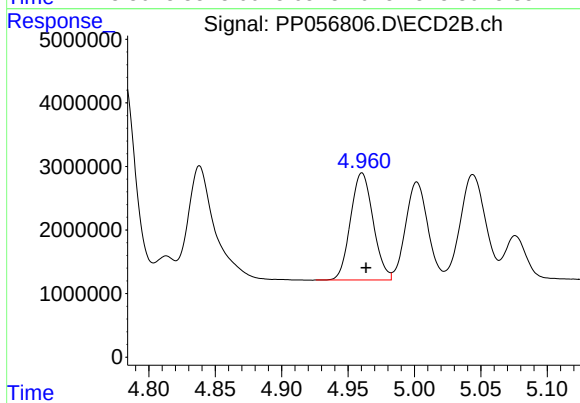
#17 AR-1242-2

R.T.: 4.782 min
Delta R.T.: -0.003 min
Response: 36473125
Conc: 612.97 ng/ml



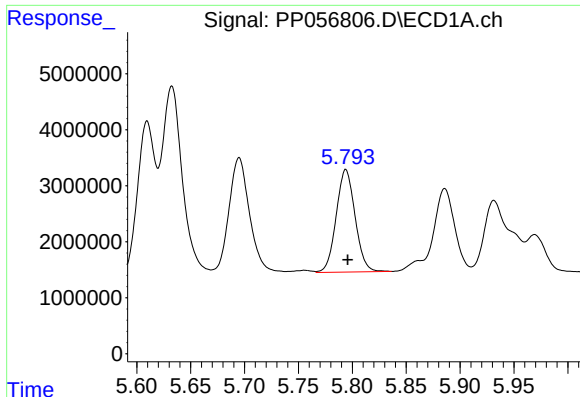
#18 AR-1242-3

R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 27867867
Conc: 608.22 ng/ml



#18 AR-1242-3

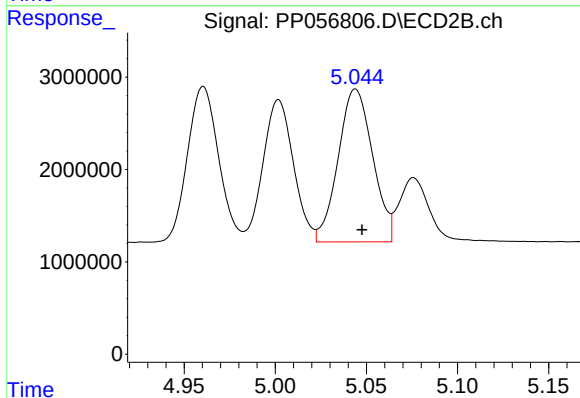
R.T.: 4.961 min
Delta R.T.: -0.003 min
Response: 19954557
Conc: 618.50 ng/ml



#19 AR-1242-4

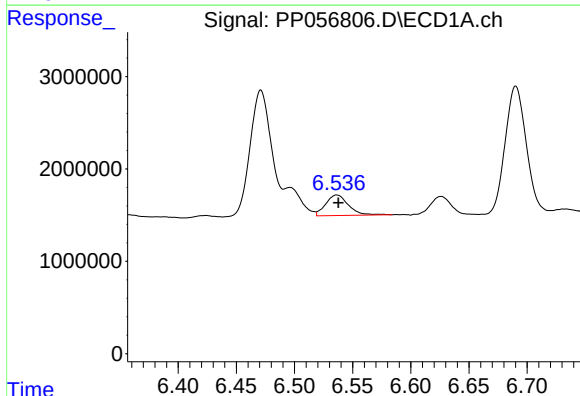
R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 22364453
Conc: 619.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



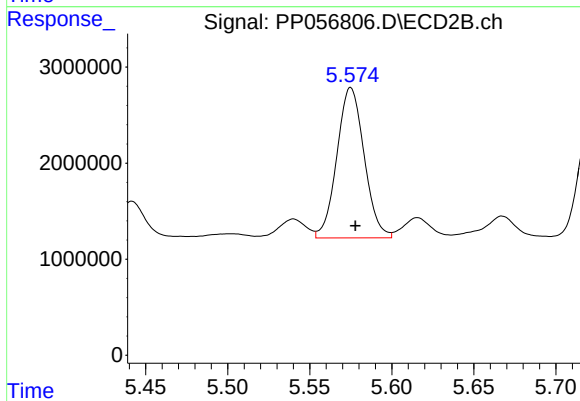
#19 AR-1242-4

R.T.: 5.044 min
Delta R.T.: -0.004 min
Response: 21833799
Conc: 599.25 ng/ml



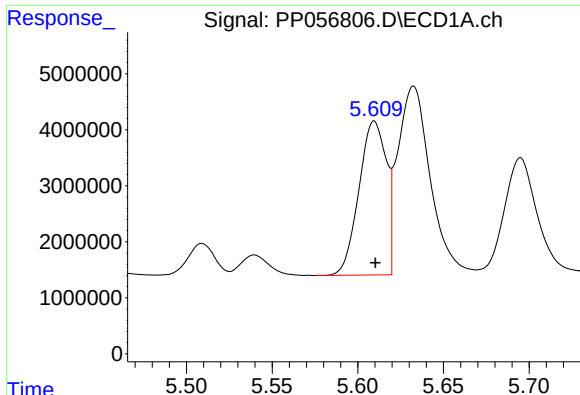
#20 AR-1242-5

R.T.: 6.536 min
Delta R.T.: -0.001 min
Response: 3040349
Conc: 91.59 ng/ml



#20 AR-1242-5

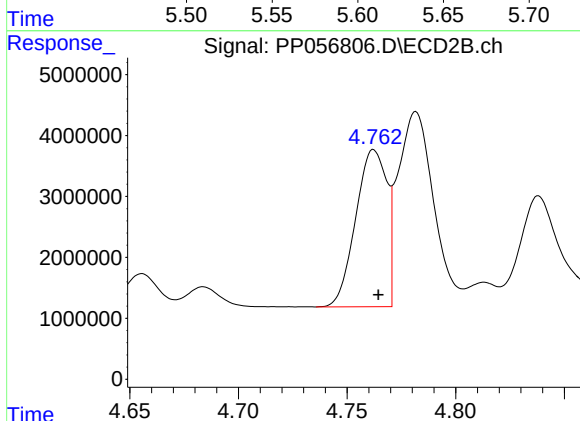
R.T.: 5.575 min
Delta R.T.: -0.003 min
Response: 18111584
Conc: 454.24 ng/ml



#21 AR-1248-1

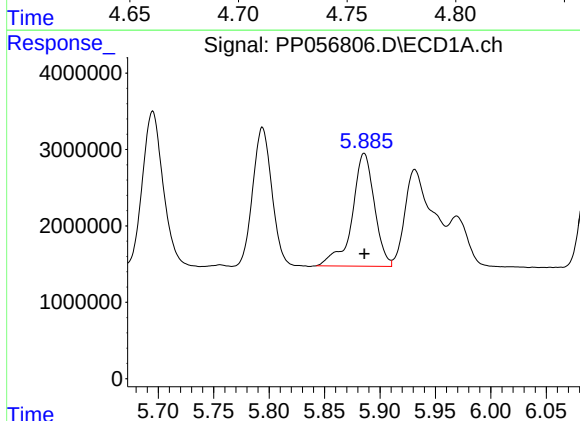
R.T.: 5.610 min
Delta R.T.: 0.000 min
Response: 30620465
Conc: 816.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



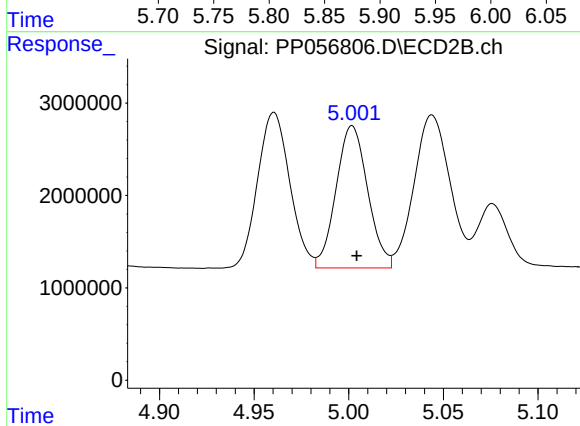
#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 25630243
Conc: 778.62 ng/ml



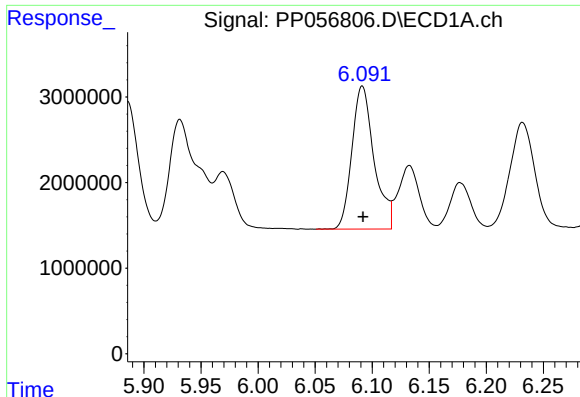
#22 AR-1248-2

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 20675755
Conc: 351.07 ng/ml



#22 AR-1248-2

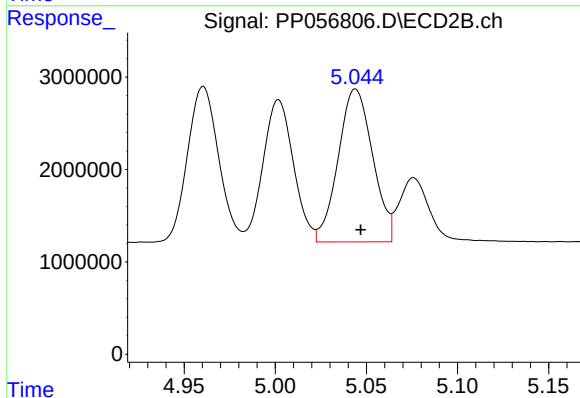
R.T.: 5.002 min
Delta R.T.: -0.002 min
Response: 17890307
Conc: 347.10 ng/ml



#23 AR-1248-3

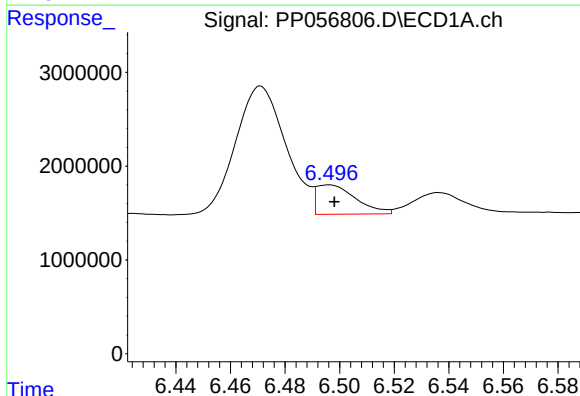
R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 22570875
Conc: 354.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



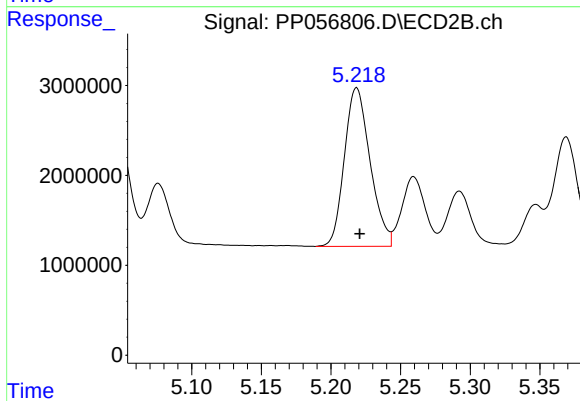
#23 AR-1248-3

R.T.: 5.044 min
Delta R.T.: -0.003 min
Response: 21833799
Conc: 406.73 ng/ml



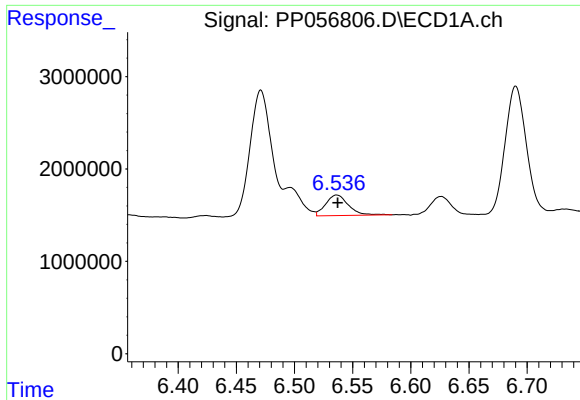
#24 AR-1248-4

R.T.: 6.496 min
Delta R.T.: -0.002 min
Response: 3116491
Conc: 53.66 ng/ml



#24 AR-1248-4

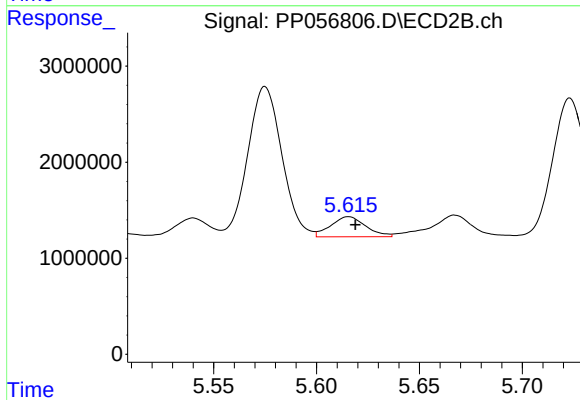
R.T.: 5.218 min
Delta R.T.: -0.002 min
Response: 22679020
Conc: 366.53 ng/ml



#25 AR-1248-5

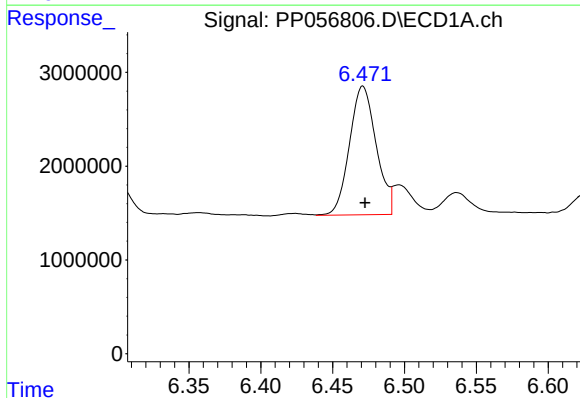
R.T.: 6.536 min
Delta R.T.: 0.000 min
Response: 3040349
Conc: 53.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



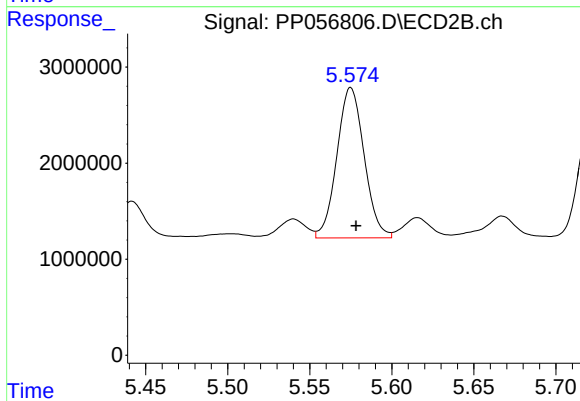
#25 AR-1248-5

R.T.: 5.616 min
Delta R.T.: -0.003 min
Response: 2477028
Conc: 48.24 ng/ml



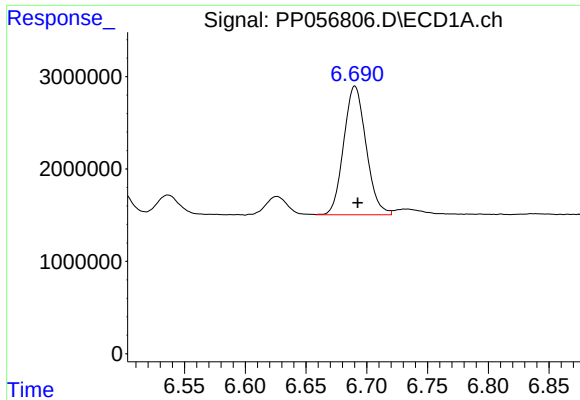
#26 AR-1254-1

R.T.: 6.471 min
Delta R.T.: -0.001 min
Response: 17700006
Conc: 249.63 ng/ml



#26 AR-1254-1

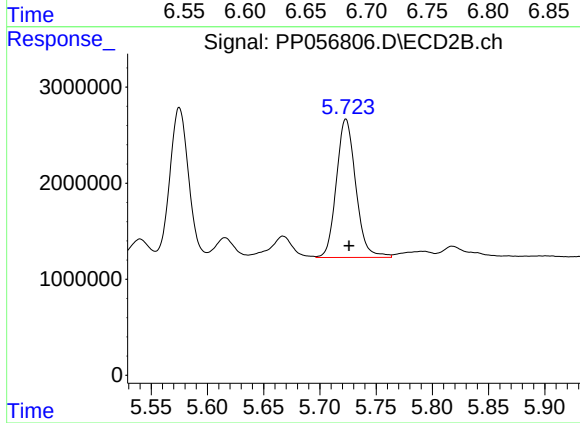
R.T.: 5.575 min
Delta R.T.: -0.003 min
Response: 18111584
Conc: 196.61 ng/ml



#27 AR-1254-2

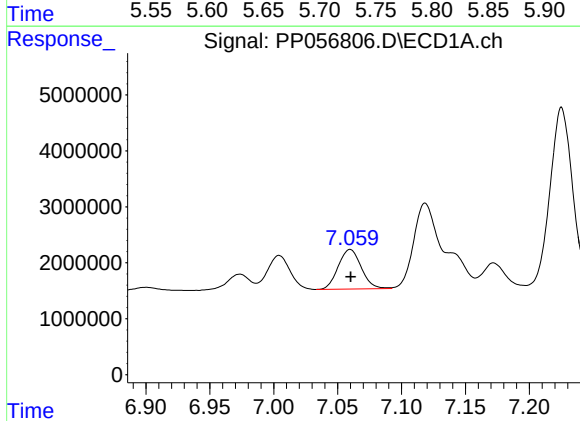
R.T.: 6.690 min
Delta R.T.: -0.002 min
Response: 17809771
Conc: 175.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



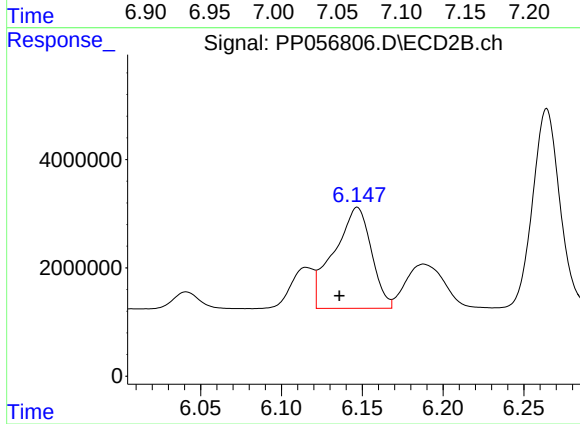
#27 AR-1254-2

R.T.: 5.723 min
Delta R.T.: -0.003 min
Response: 17291101
Conc: 215.15 ng/ml



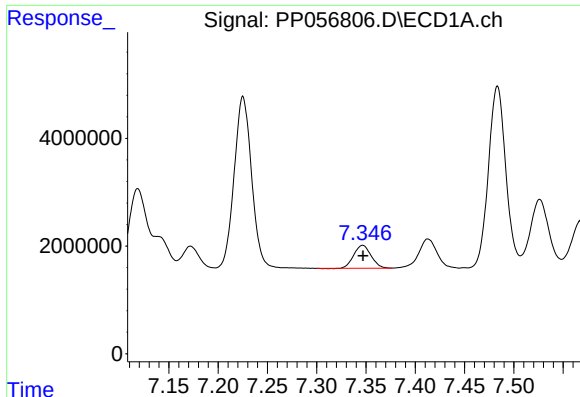
#28 AR-1254-3

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 8882949
Conc: 91.64 ng/ml



#28 AR-1254-3

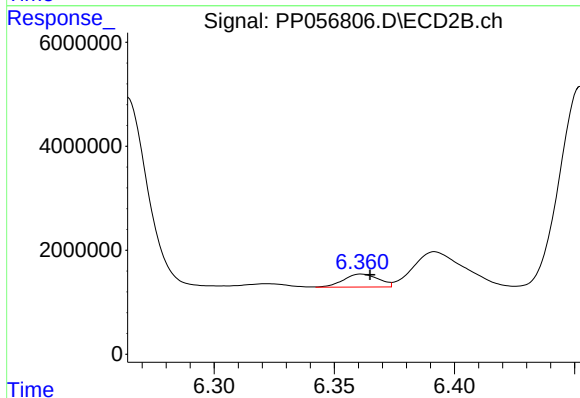
R.T.: 6.147 min
Delta R.T.: 0.011 min
Response: 30011364
Conc: 242.78 ng/ml



#29 AR-1254-4

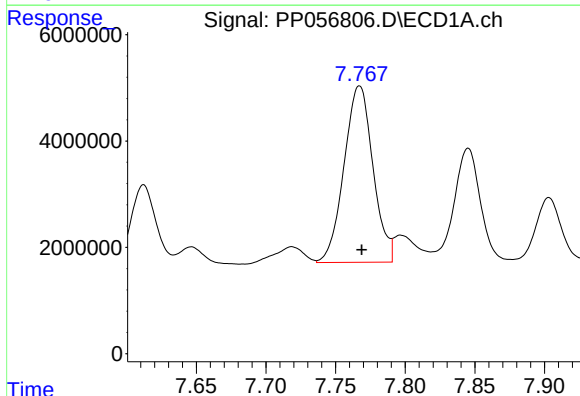
R.T.: 7.347 min
Delta R.T.: 0.000 min
Response: 5247801
Conc: 85.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



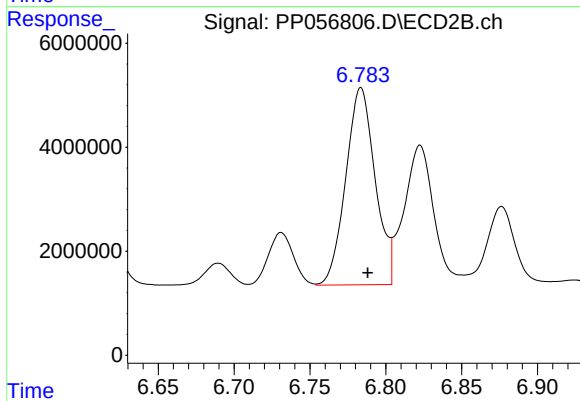
#29 AR-1254-4

R.T.: 6.361 min
Delta R.T.: -0.004 min
Response: 2537850
Conc: 39.93 ng/ml



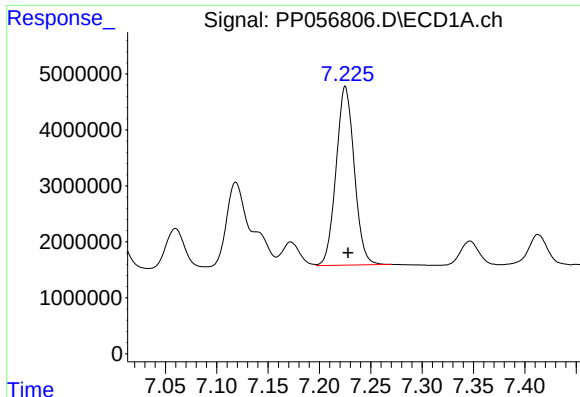
#30 AR-1254-5

R.T.: 7.767 min
Delta R.T.: -0.002 min
Response: 47965893
Conc: 703.91 ng/ml



#30 AR-1254-5

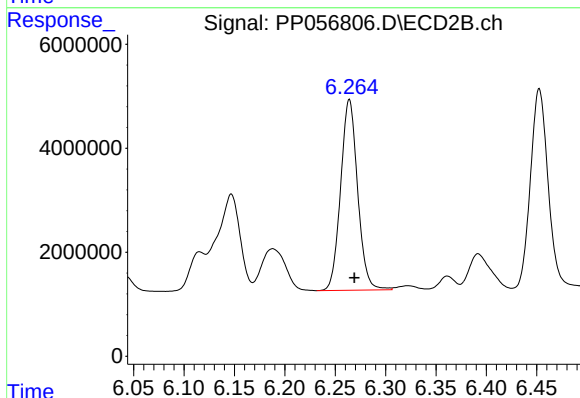
R.T.: 6.784 min
Delta R.T.: -0.004 min
Response: 51105027
Conc: 486.08 ng/ml



#31 AR-1260-1

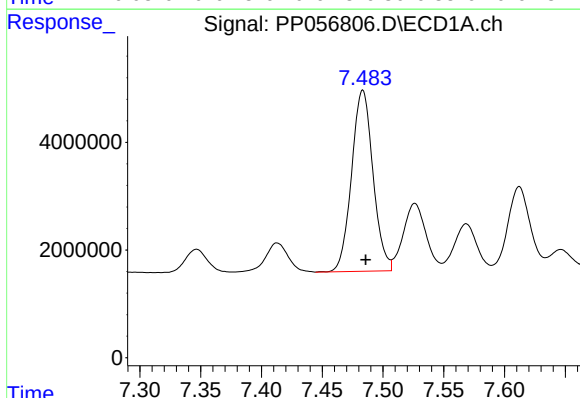
R.T.: 7.225 min
Delta R.T.: -0.003 min
Response: 39414002
Conc: 484.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



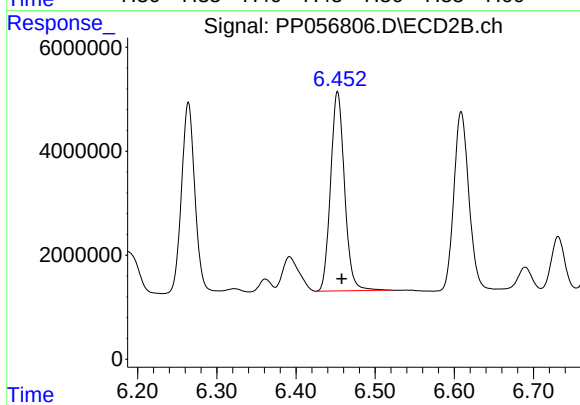
#31 AR-1260-1

R.T.: 6.264 min
Delta R.T.: -0.005 min
Response: 43095661
Conc: 450.58 ng/ml



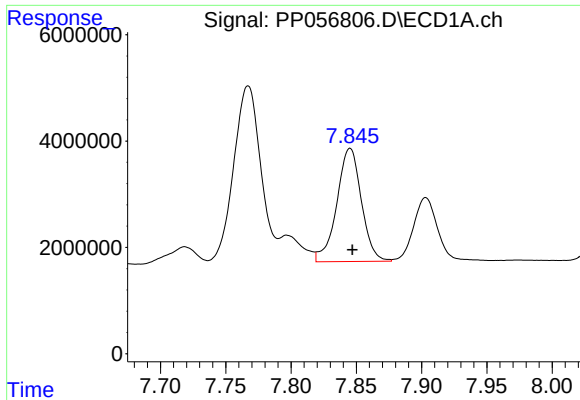
#32 AR-1260-2

R.T.: 7.483 min
Delta R.T.: -0.003 min
Response: 41237906
Conc: 483.35 ng/ml



#32 AR-1260-2

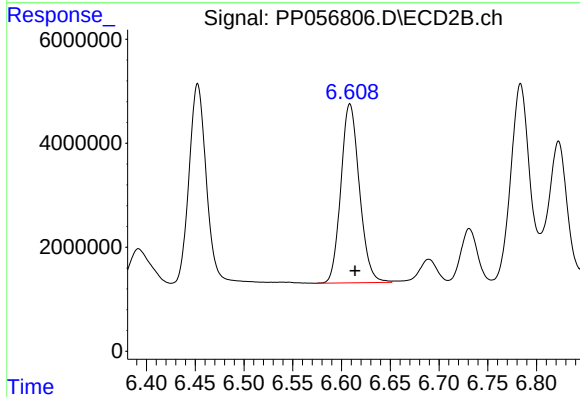
R.T.: 6.453 min
Delta R.T.: -0.005 min
Response: 46879684
Conc: 453.92 ng/ml



#33 AR-1260-3

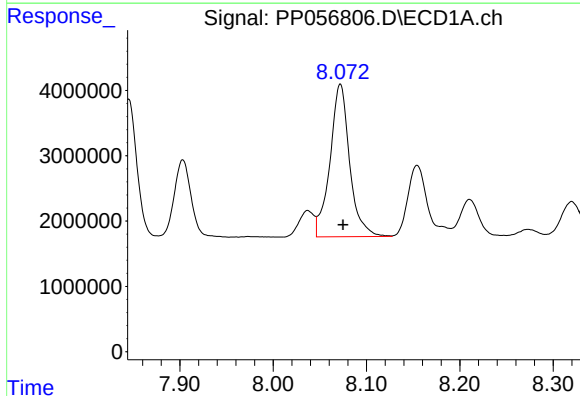
R.T.: 7.845 min
Delta R.T.: -0.002 min
Response: 27950878
Conc: 400.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



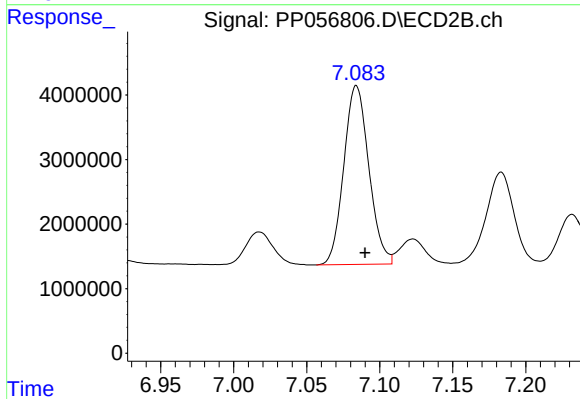
#33 AR-1260-3

R.T.: 6.609 min
Delta R.T.: -0.005 min
Response: 45500810
Conc: 438.75 ng/ml



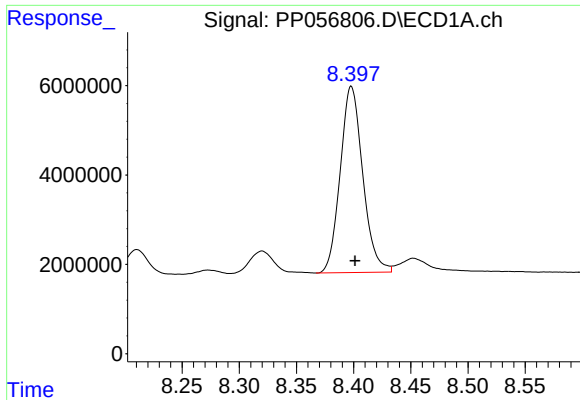
#34 AR-1260-4

R.T.: 8.072 min
Delta R.T.: -0.003 min
Response: 34136287
Conc: 447.40 ng/ml



#34 AR-1260-4

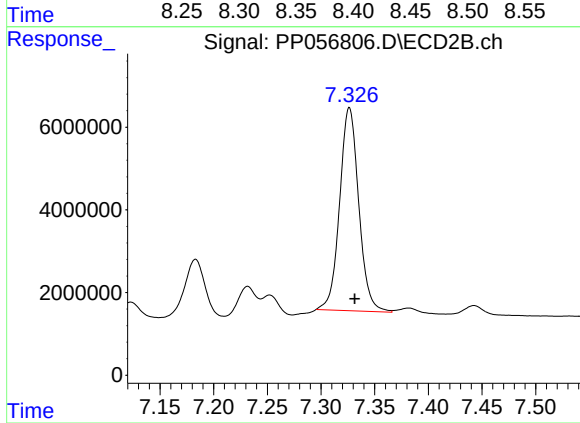
R.T.: 7.084 min
Delta R.T.: -0.006 min
Response: 33125229
Conc: 387.84 ng/ml



#35 AR-1260-5

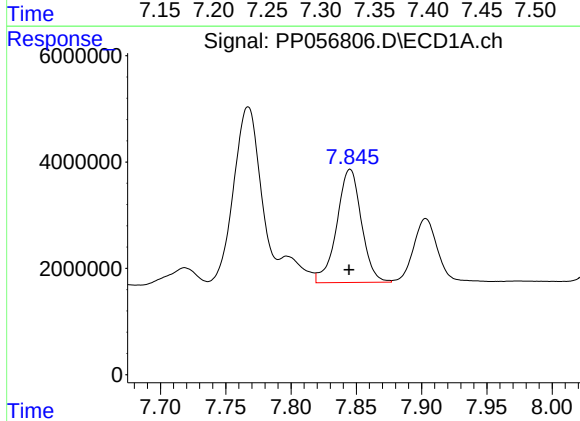
R.T.: 8.398 min
Delta R.T.: -0.003 min
Response: 57222745
Conc: 452.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



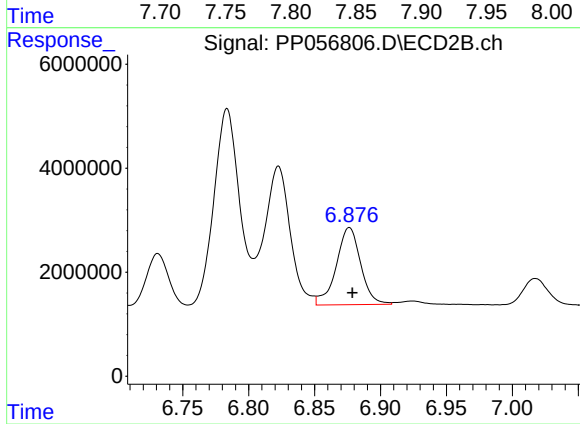
#35 AR-1260-5

R.T.: 7.326 min
Delta R.T.: -0.005 min
Response: 60905481
Conc: 384.84 ng/ml



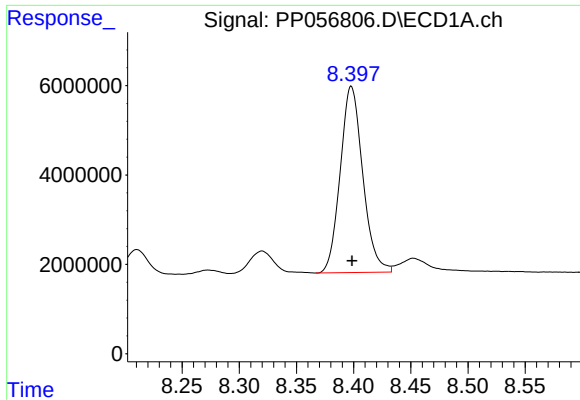
#36 AR-1262-1

R.T.: 7.845 min
Delta R.T.: 0.000 min
Response: 27950878
Conc: 317.33 ng/ml



#36 AR-1262-1

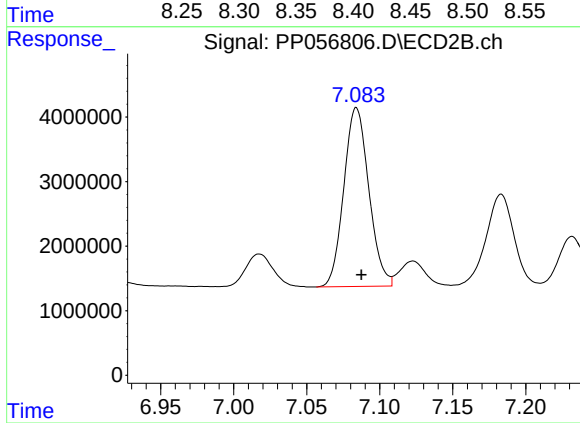
R.T.: 6.876 min
Delta R.T.: -0.002 min
Response: 19174696
Conc: 409.80 ng/ml



#37 AR-1262-2

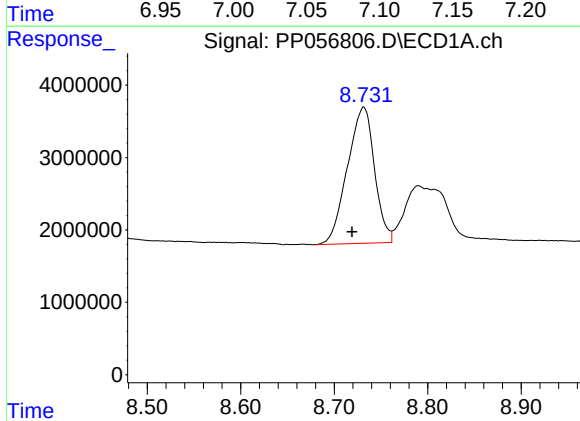
R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 57222745
Conc: 441.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



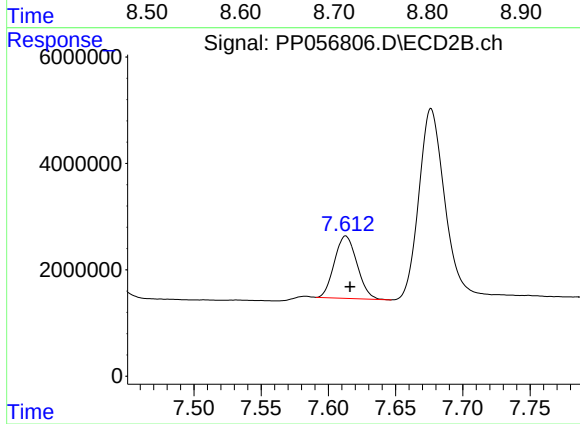
#37 AR-1262-2

R.T.: 7.084 min
Delta R.T.: -0.003 min
Response: 33125229
Conc: 338.68 ng/ml



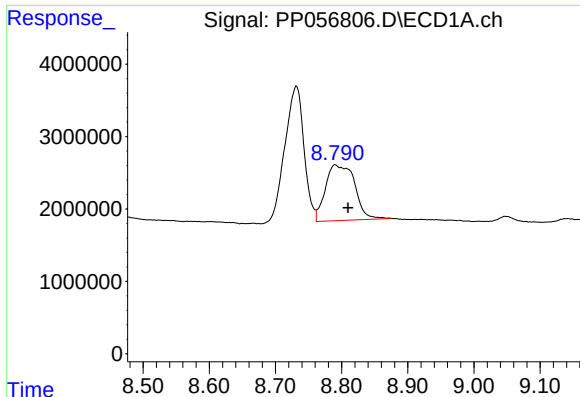
#38 AR-1262-3

R.T.: 8.732 min
Delta R.T.: 0.012 min
Response: 37919087
Conc: 411.67 ng/ml



#38 AR-1262-3

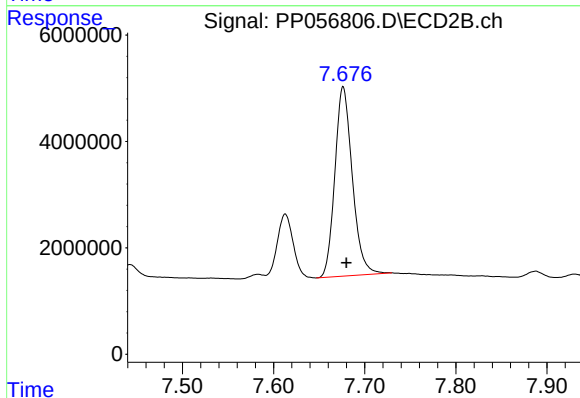
R.T.: 7.613 min
Delta R.T.: -0.003 min
Response: 13661170
Conc: 205.70 ng/ml



#39 AR-1262-4

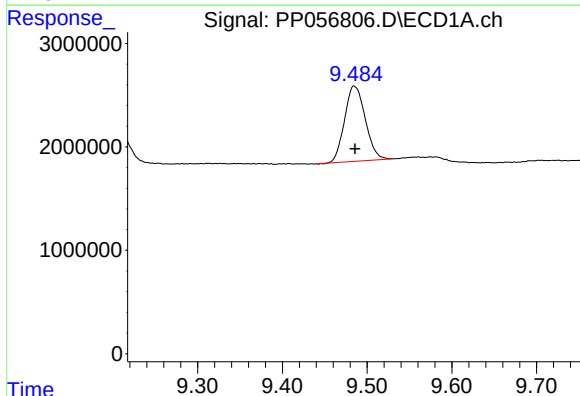
R.T.: 8.790 min
Delta R.T.: -0.020 min
Response: 23614833
Conc: 520.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



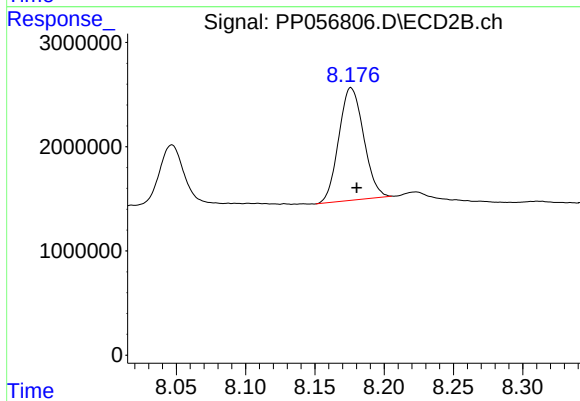
#39 AR-1262-4

R.T.: 7.676 min
Delta R.T.: -0.004 min
Response: 47224945
Conc: 400.67 ng/ml



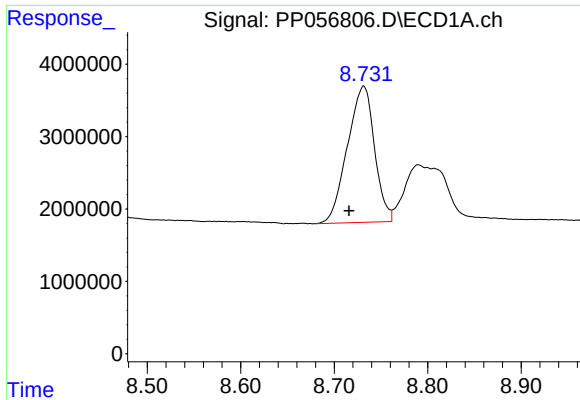
#40 AR-1262-5

R.T.: 9.485 min
Delta R.T.: 0.000 min
Response: 12395947
Conc: 308.57 ng/ml



#40 AR-1262-5

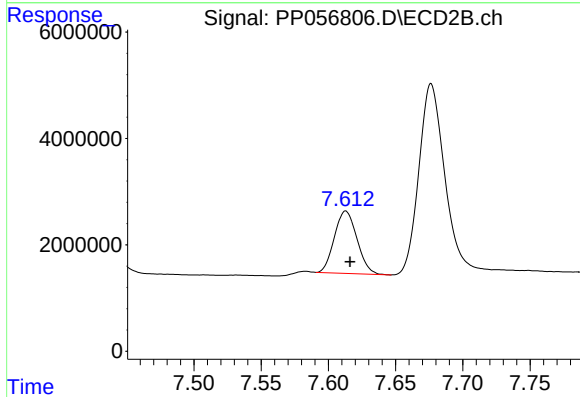
R.T.: 8.176 min
Delta R.T.: -0.004 min
Response: 13509324
Conc: 277.18 ng/ml



#41 AR-1268-1

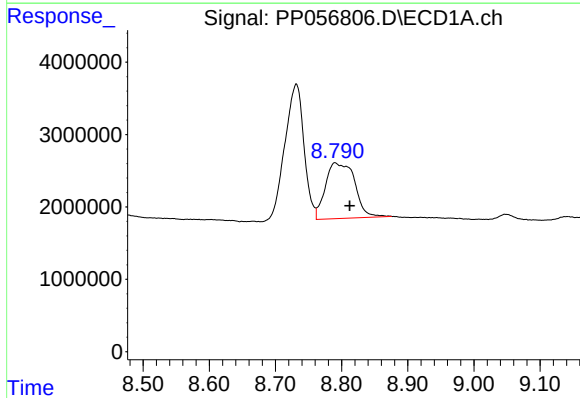
R.T.: 8.732 min
Delta R.T.: 0.016 min
Response: 37919087
Conc: 203.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



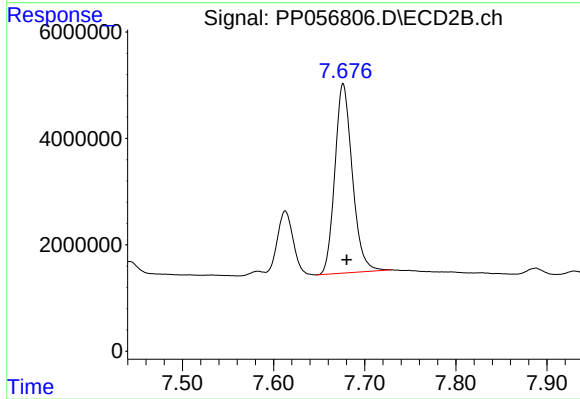
#41 AR-1268-1

R.T.: 7.613 min
Delta R.T.: -0.003 min
Response: 13661170
Conc: 61.62 ng/ml



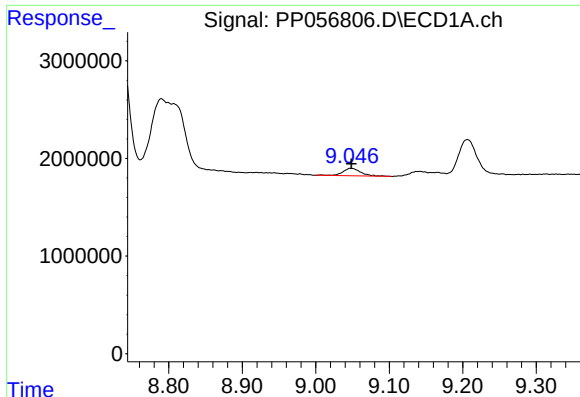
#42 AR-1268-2

R.T.: 8.790 min
Delta R.T.: -0.022 min
Response: 23614833
Conc: 142.30 ng/ml



#42 AR-1268-2

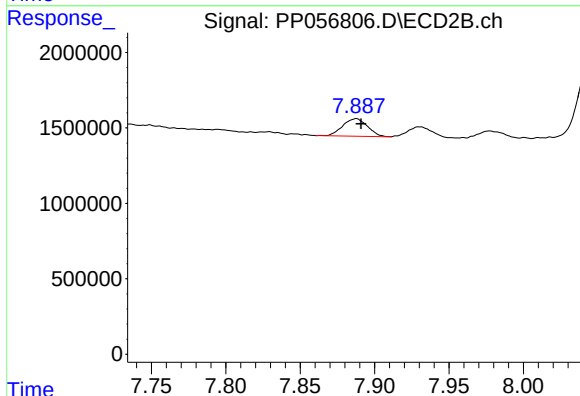
R.T.: 7.676 min
Delta R.T.: -0.004 min
Response: 47224945
Conc: 243.17 ng/ml



#43 AR-1268-3

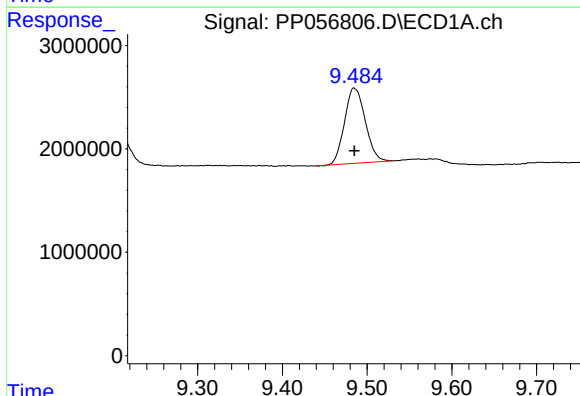
R.T.: 9.048 min
Delta R.T.: 0.000 min
Response: 1324577
Conc: 8.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



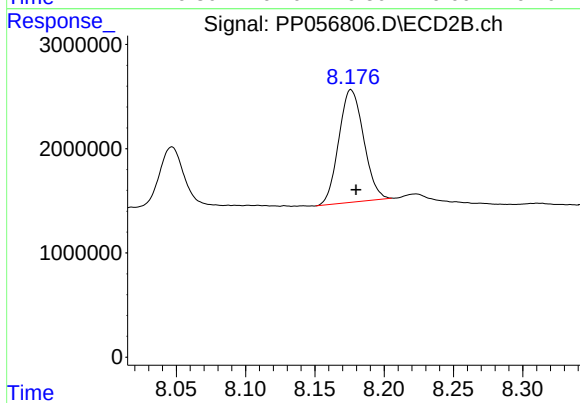
#43 AR-1268-3

R.T.: 7.888 min
Delta R.T.: -0.003 min
Response: 1353461
Conc: 6.83 ng/ml



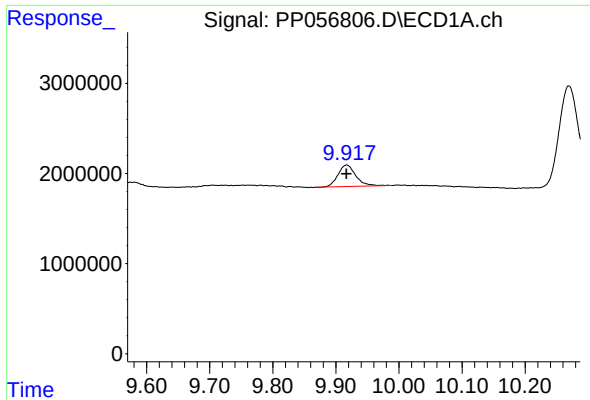
#44 AR-1268-4

R.T.: 9.485 min
Delta R.T.: 0.000 min
Response: 12395947
Conc: 266.98 ng/ml



#44 AR-1268-4

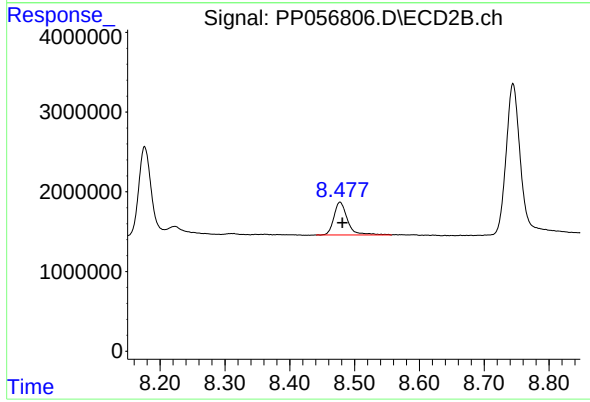
R.T.: 8.176 min
Delta R.T.: -0.004 min
Response: 13509324
Conc: 233.55 ng/ml



#45 AR-1268-5

R.T.: 9.917 min
Delta R.T.: 0.000 min
Response: 4706948
Conc: 10.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.478 min
Delta R.T.: -0.004 min
Response: 5994186
Conc: 11.80 ng/ml