

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031123\
 Data File : PP056417.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2023 23:31
 Operator : YP\AJ
 Sample : 01854-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 33955

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 05:07:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 08 02:03:40 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...	4.319	3.560	38012898	29462992	24.481	20.880
2)	SA Decachlor...	10.063	8.560	43839982	27057935	22.070	24.205
Target Compounds							
3)	L1 AR-1016-1	5.489	4.641	31511676	20560441	544.311	488.023
4)	L1 AR-1016-2	5.512	4.659	44205599	28720904	516.012	473.872
5)	L1 AR-1016-3	5.574	4.835	35131530	21994686	644.112	679.542
6)	L1 AR-1016-4	5.673	4.878	32666212	23361998	752.301	832.413
7)	L1 AR-1016-5	5.969	5.090	64931431	46649838	1416.207	1303.897
8)	L2 AR-1221-1	4.525	3.769	245655	192283	12.263	11.056
9)	L2 AR-1221-2	4.625	3.859	1162434	1083470	76.505	83.846
10)	L2 AR-1221-3	4.691	3.933	2458358	2080193	52.849	51.276
11)	L3 AR-1232-1	4.691	3.933	2458358	2080193	63.410	63.210
12)	L3 AR-1232-2	5.221	4.659	11532548	28720904	570.043	1035.881 #
13)	L3 AR-1232-3	5.512	4.835	44205599	21994686	1134.851	1552.988 #
14)	L3 AR-1232-4	5.673	4.919	32666212	27878559	1670.444	1962.876
15)	L3 AR-1232-5	5.765	5.090	33479882	46649838	2113.631	3041.684 #
16)	L4 AR-1242-1	5.489	4.641	31511676	20560441	646.604	581.411
17)	L4 AR-1242-2	5.512	4.659	44205599	28720904	619.571	565.278
18)	L4 AR-1242-3	5.574	4.835	35131530	21994686	771.711	815.081
19)	L4 AR-1242-4	5.673	4.919	32666212	27878559	913.934	951.506
20)	L4 AR-1242-5	6.412	5.442	66127287	58545072	1546.831	1814.579
21)	L5 AR-1248-1	5.489	4.641	31511676	20560441	884.926	791.896
22)	L5 AR-1248-2	5.765	4.878	33479882	23361998	599.661	600.582
23)	L5 AR-1248-3	5.969	4.919	64931431	27878559	1067.071	683.644 #
24)	L5 AR-1248-4	6.374	5.090	67606122	46649838	978.728	996.160
25)	L5 AR-1248-5	6.412	5.483	66127287	38747161	973.246	938.252
26)	L6 AR-1254-1	6.346	5.442	57924847	58545072	767.411	815.789
27)	L6 AR-1254-2	6.571	5.591	49906249	11455932	430.118	187.861 #
28)	L6 AR-1254-3	6.935	5.994	13208520	11485756	107.714	124.070
29)	L6 AR-1254-4	7.222	6.223	11352515	6644792	125.013	123.262
30)	L6 AR-1254-5	7.643	6.642	13301454	8773828	128.663	112.263
31)	L7 AR-1260-1	7.101	6.127	5387384	8951268	54.667	131.306 #
32)	L7 AR-1260-2	7.358	6.313	6079690	5163708	52.414	67.501 #
33)	L7 AR-1260-3	7.704f	6.465	825783	3085216	9.647	42.667 #
34)	L7 AR-1260-4	7.933	0.000	2929816	0	29.634	N.D. #
35)	L7 AR-1260-5	8.263	7.181	824038	1621100	4.123	12.687 #
36)	L8 AR-1262-1	7.704	6.711f	825783	271629	6.919	8.264
37)	L8 AR-1262-2	8.263	0.000	824038	0	3.775	N.D. #
38)	L8 AR-1262-3	8.586	7.464	1173793	510509	7.683	9.375
39)	L8 AR-1262-4	8.656	7.522	145601	3016269	1.811	31.197 #
40)	L8 AR-1262-5	9.317	8.028	93098	532826	1.124	11.858 #
41)	L9 AR-1268-1	8.586f	7.464	1173793	510509	4.259	3.026 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031123\
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 Operator : YP\AJ
 Sample : 01854-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

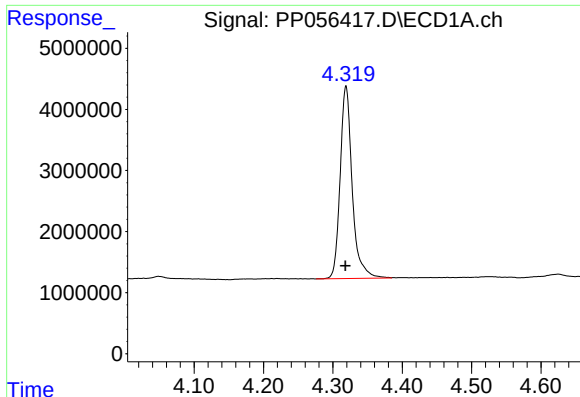
Instrument :
 ECD_P
 ClientSampleId :
 33955

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 05:07:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.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	8.656	7.522	145601	3016269	0.565	20.170 #
43) L9	AR-1268-3	8.887	0.000	93458	0	0.408	N.D. #
44) L9	AR-1268-4	9.317	8.028	93098	532826	0.997	10.441 #
45) L9	AR-1268-5	9.727	8.316	467711	248494	0.644	0.639

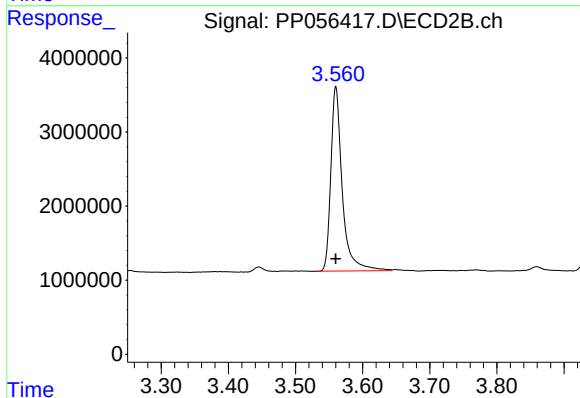
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

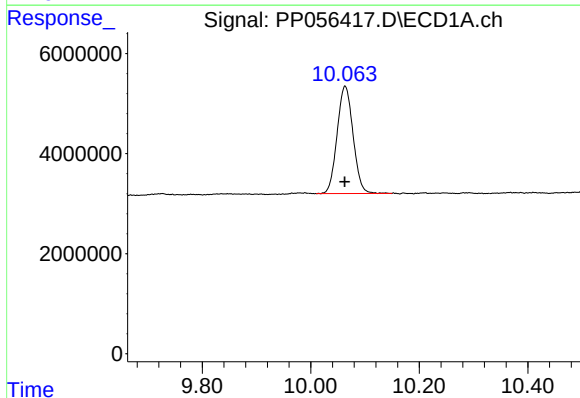
R.T.: 4.319 min
Delta R.T.: 0.001 min
Response: 38012898
Conc: 24.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



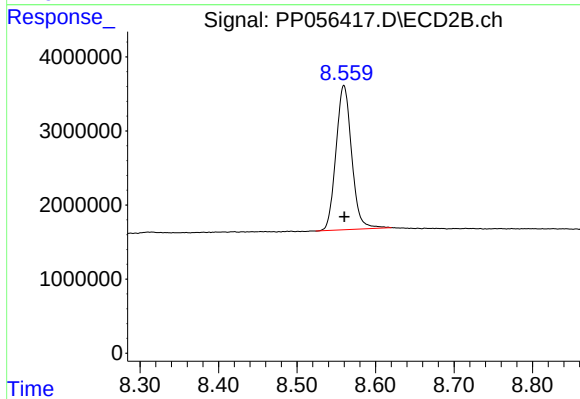
#1 Tetrachloro-m-xylene

R.T.: 3.560 min
Delta R.T.: 0.000 min
Response: 29462992
Conc: 20.88 ng/ml



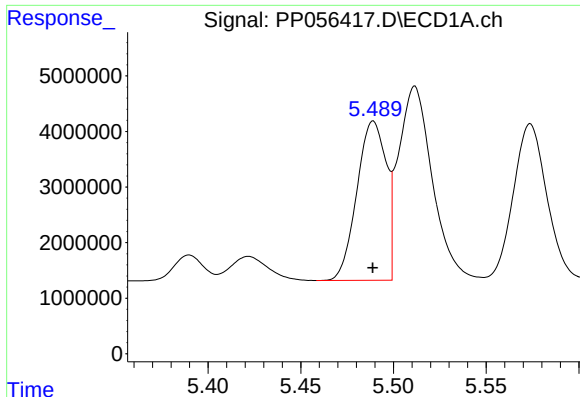
#2 Decachlorobiphenyl

R.T.: 10.063 min
Delta R.T.: 0.000 min
Response: 43839982
Conc: 22.07 ng/ml



#2 Decachlorobiphenyl

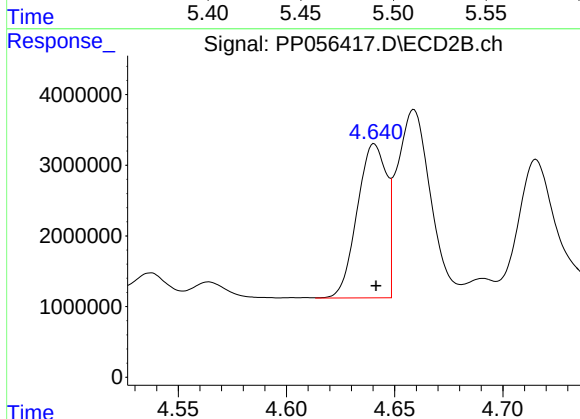
R.T.: 8.560 min
Delta R.T.: 0.000 min
Response: 27057935
Conc: 24.21 ng/ml



#3 AR-1016-1

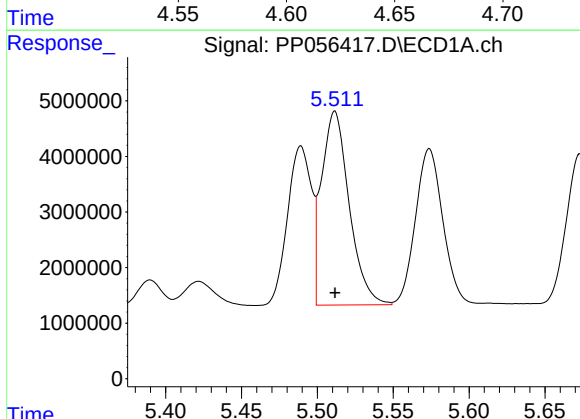
R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 31511676
Conc: 544.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



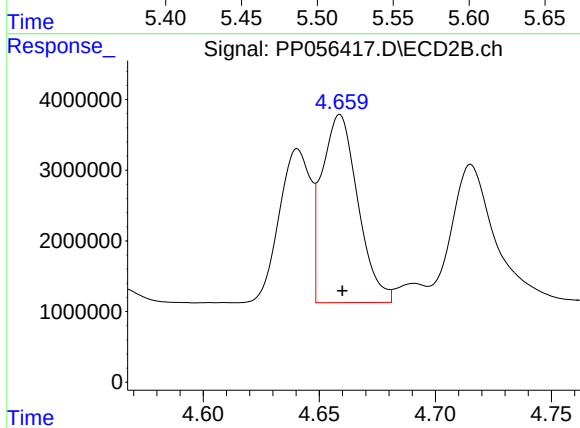
#3 AR-1016-1

R.T.: 4.641 min
Delta R.T.: 0.000 min
Response: 20560441
Conc: 488.02 ng/ml



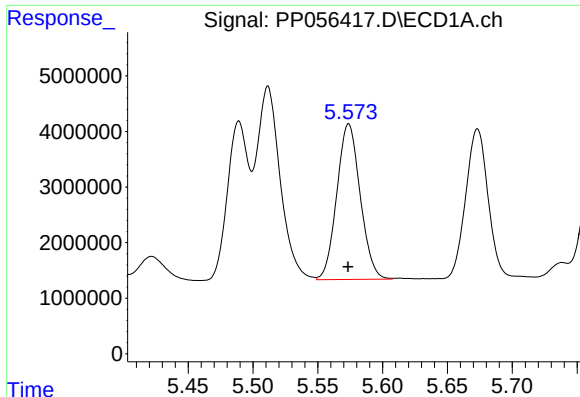
#4 AR-1016-2

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 44205599
Conc: 516.01 ng/ml



#4 AR-1016-2

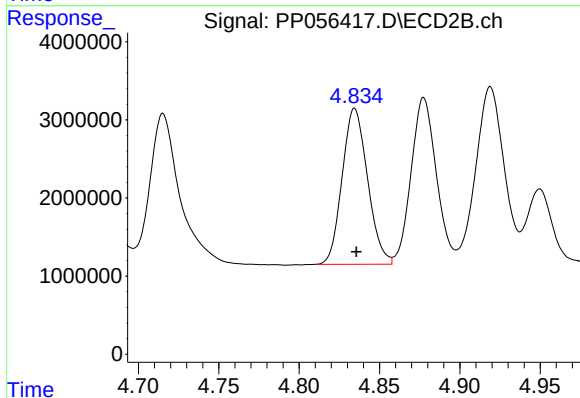
R.T.: 4.659 min
Delta R.T.: -0.001 min
Response: 28720904
Conc: 473.87 ng/ml



#5 AR-1016-3

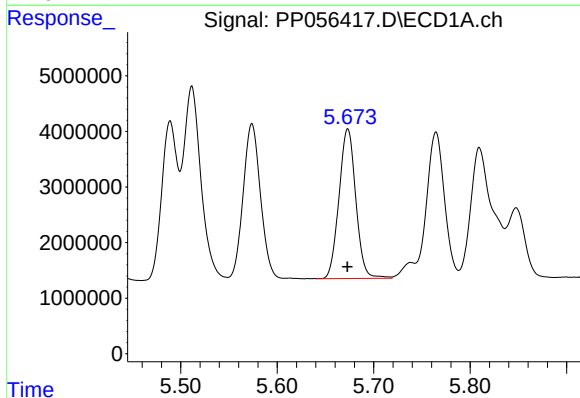
R.T.: 5.574 min
Delta R.T.: 0.000 min
Response: 35131530
Conc: 644.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



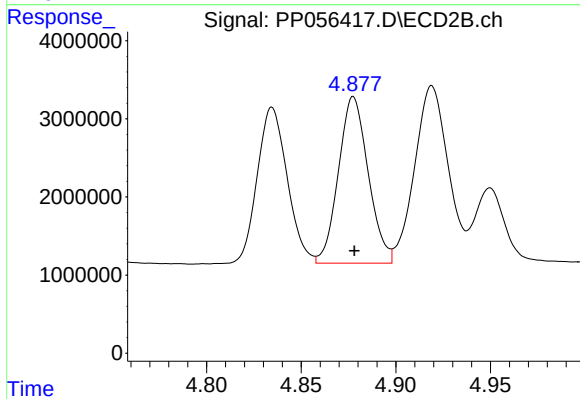
#5 AR-1016-3

R.T.: 4.835 min
Delta R.T.: -0.001 min
Response: 21994686
Conc: 679.54 ng/ml



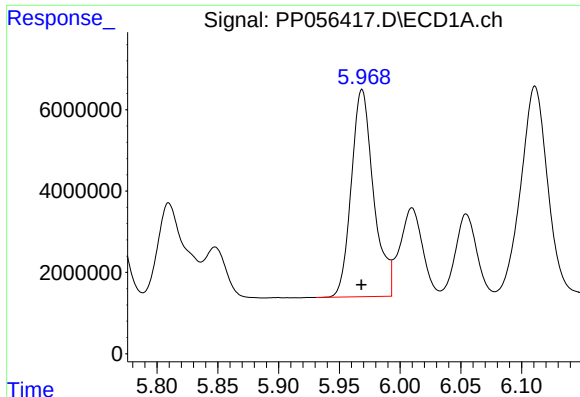
#6 AR-1016-4

R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 32666212
Conc: 752.30 ng/ml



#6 AR-1016-4

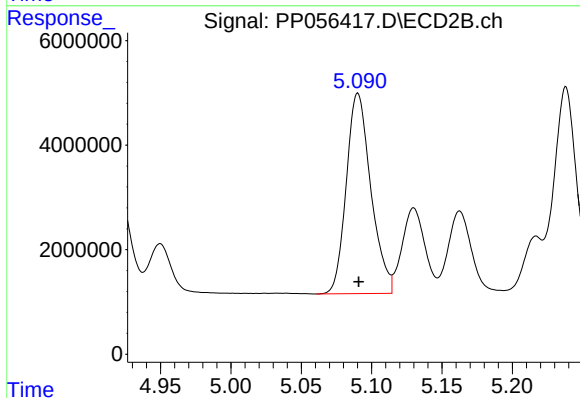
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 23361998
Conc: 832.41 ng/ml



#7 AR-1016-5

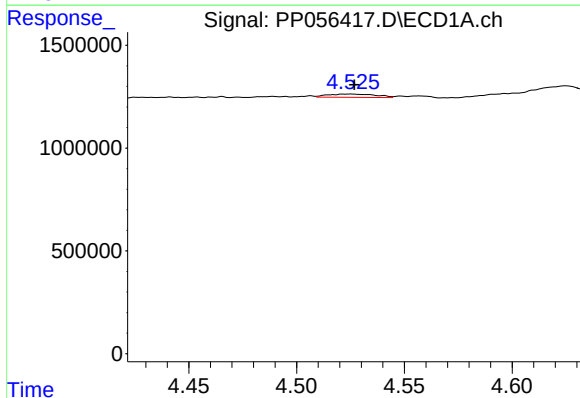
R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 64931431
Conc: 1416.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



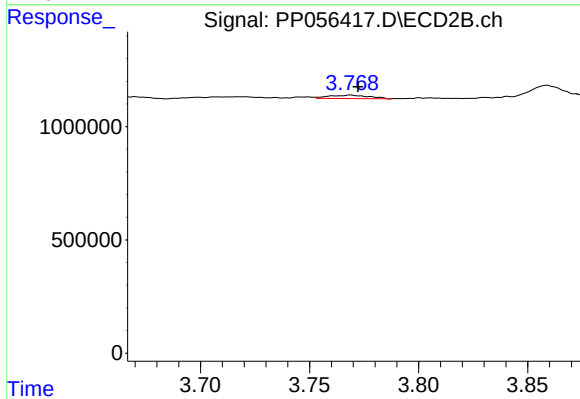
#7 AR-1016-5

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 46649838
Conc: 1303.90 ng/ml



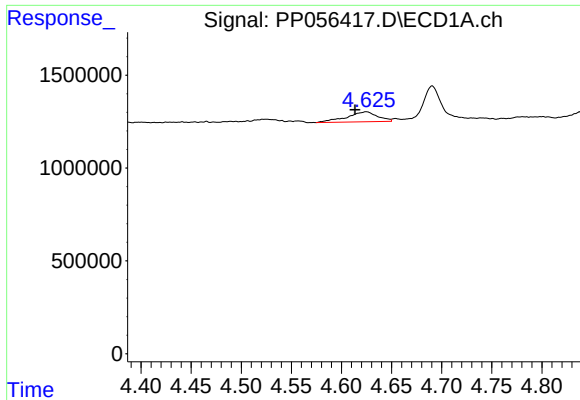
#8 AR-1221-1

R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 245655
Conc: 12.26 ng/ml



#8 AR-1221-1

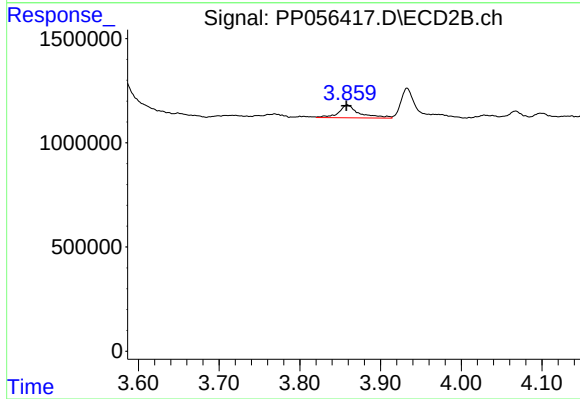
R.T.: 3.769 min
Delta R.T.: -0.003 min
Response: 192283
Conc: 11.06 ng/ml



#9 AR-1221-2

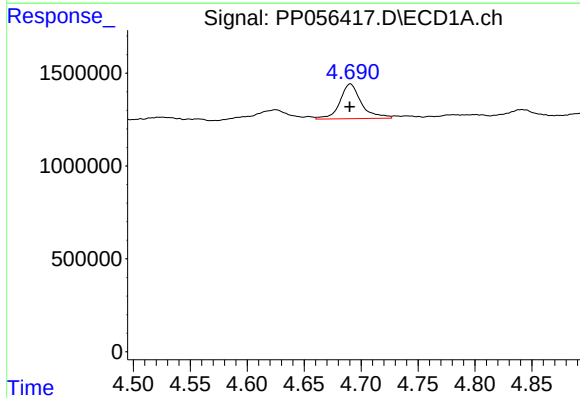
R.T.: 4.625 min
Delta R.T.: 0.011 min
Response: 1162434
Conc: 76.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



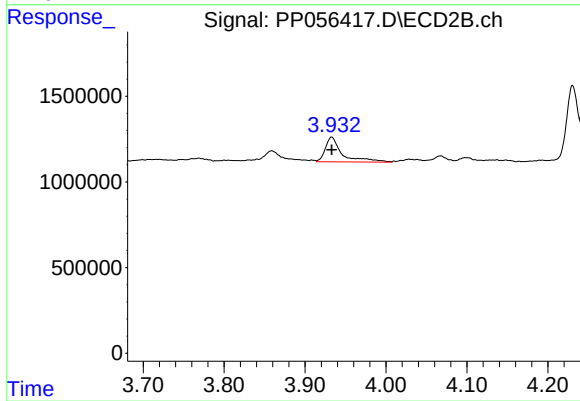
#9 AR-1221-2

R.T.: 3.859 min
Delta R.T.: 0.001 min
Response: 1083470
Conc: 83.85 ng/ml



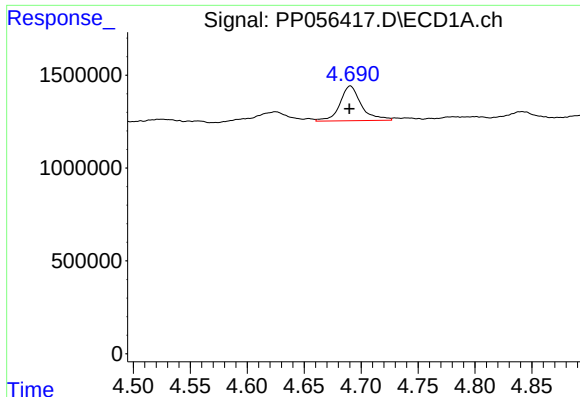
#10 AR-1221-3

R.T.: 4.691 min
Delta R.T.: 0.000 min
Response: 2458358
Conc: 52.85 ng/ml



#10 AR-1221-3

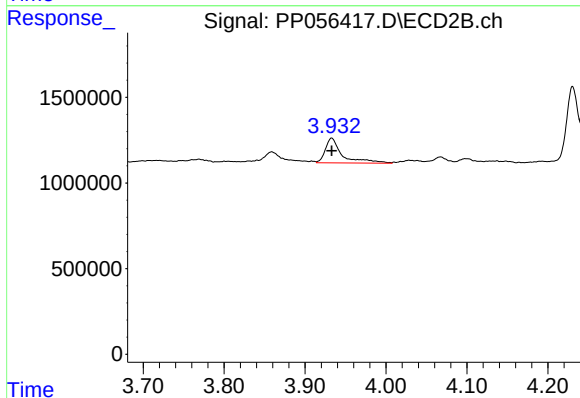
R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 2080193
Conc: 51.28 ng/ml



#11 AR-1232-1

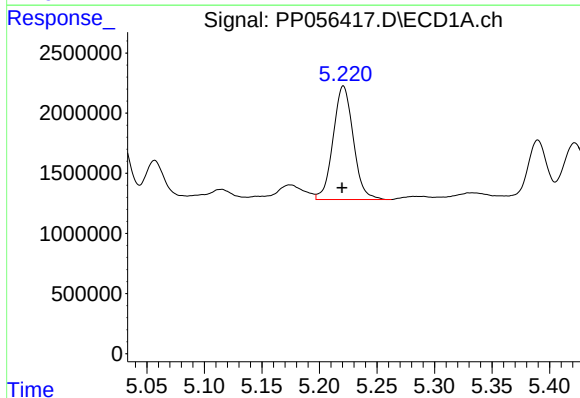
R.T.: 4.691 min
Delta R.T.: 0.000 min
Response: 2458358
Conc: 63.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



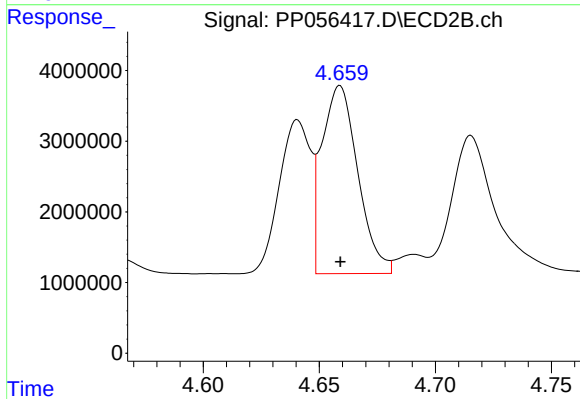
#11 AR-1232-1

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 2080193
Conc: 63.21 ng/ml



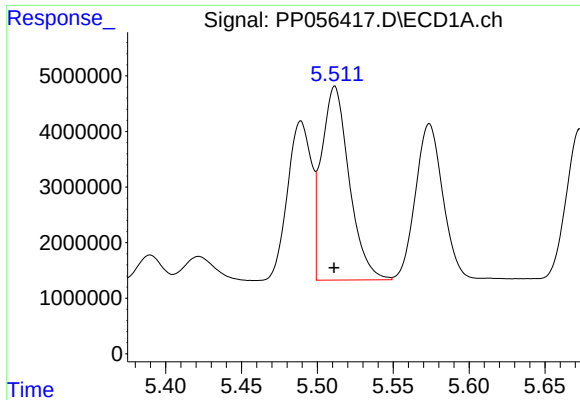
#12 AR-1232-2

R.T.: 5.221 min
Delta R.T.: 0.001 min
Response: 11532548
Conc: 570.04 ng/ml



#12 AR-1232-2

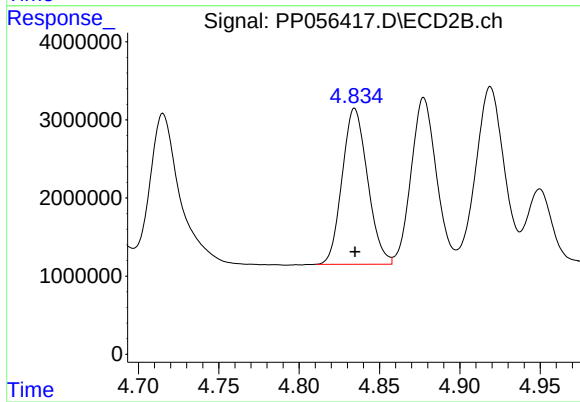
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 28720904
Conc: 1035.88 ng/ml



#13 AR-1232-3

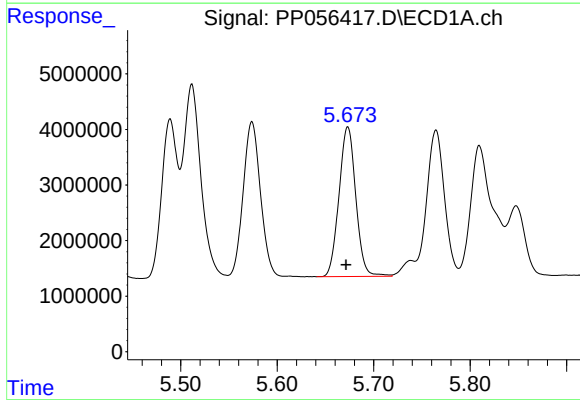
R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 44205599
Conc: 1134.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



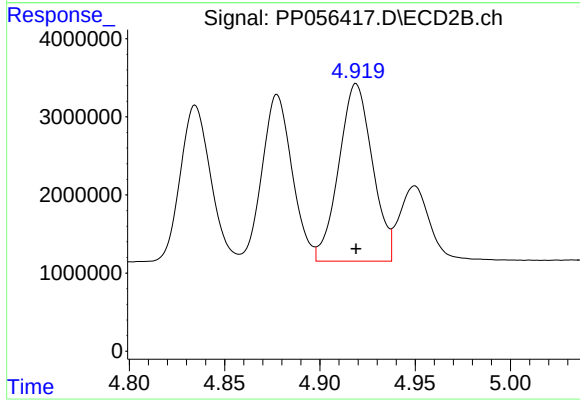
#13 AR-1232-3

R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 21994686
Conc: 1552.99 ng/ml



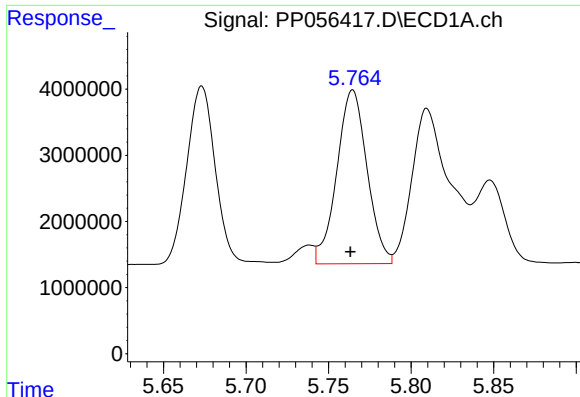
#14 AR-1232-4

R.T.: 5.673 min
Delta R.T.: 0.002 min
Response: 32666212
Conc: 1670.44 ng/ml



#14 AR-1232-4

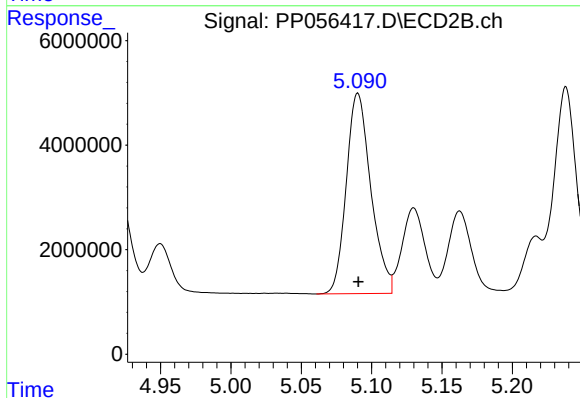
R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 27878559
Conc: 1962.88 ng/ml



#15 AR-1232-5

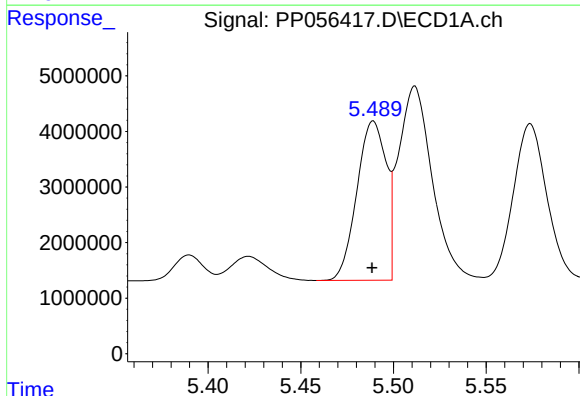
R.T.: 5.765 min
Delta R.T.: 0.001 min
Response: 33479882
Conc: 2113.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



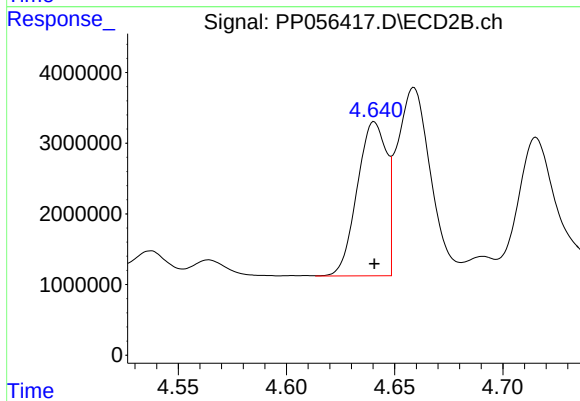
#15 AR-1232-5

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 46649838
Conc: 3041.68 ng/ml



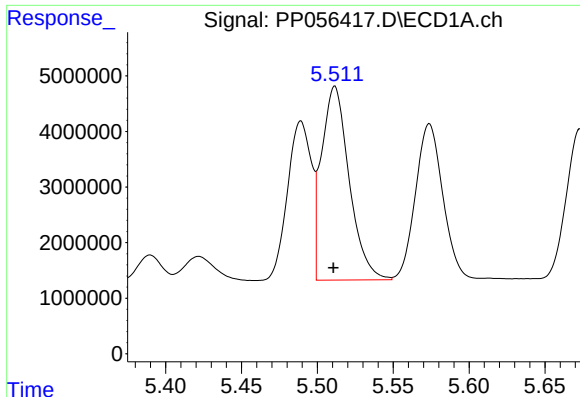
#16 AR-1242-1

R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 31511676
Conc: 646.60 ng/ml



#16 AR-1242-1

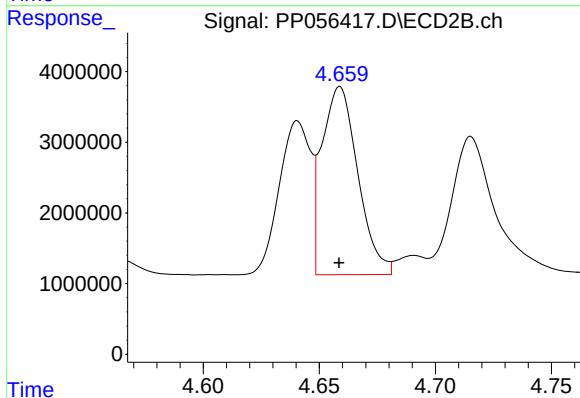
R.T.: 4.641 min
Delta R.T.: 0.000 min
Response: 20560441
Conc: 581.41 ng/ml



#17 AR-1242-2

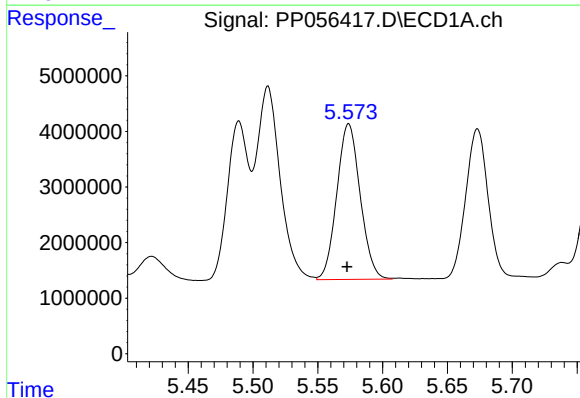
R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 44205599
Conc: 619.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



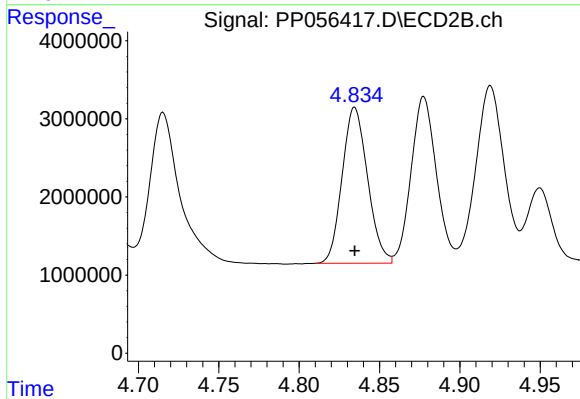
#17 AR-1242-2

R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 28720904
Conc: 565.28 ng/ml



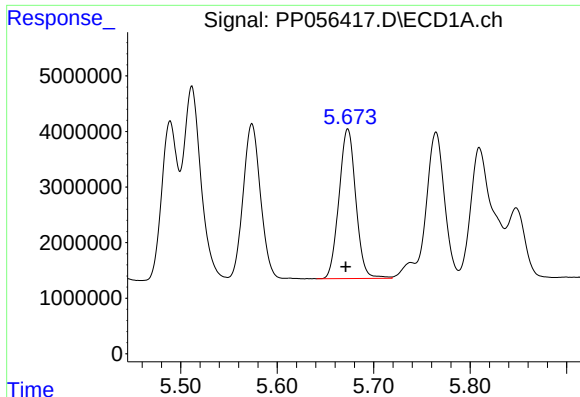
#18 AR-1242-3

R.T.: 5.574 min
Delta R.T.: 0.001 min
Response: 35131530
Conc: 771.71 ng/ml



#18 AR-1242-3

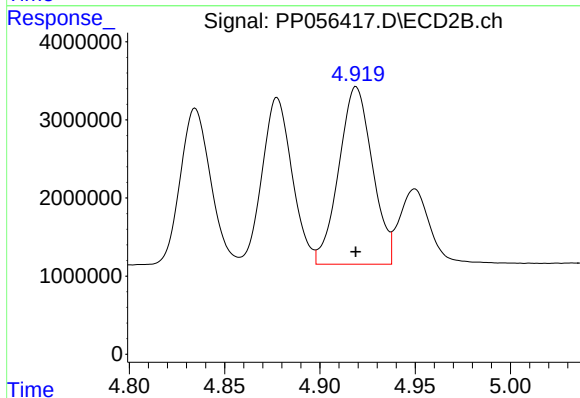
R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 21994686
Conc: 815.08 ng/ml



#19 AR-1242-4

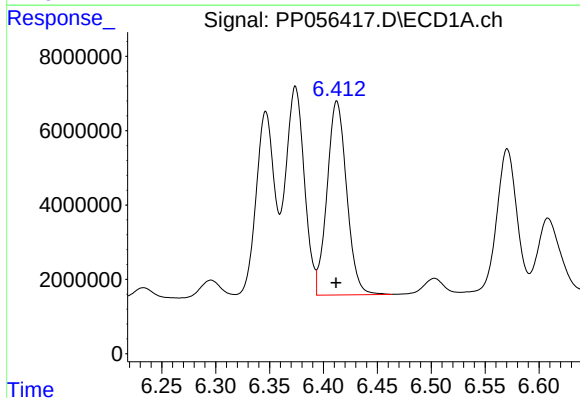
R.T.: 5.673 min
Delta R.T.: 0.002 min
Response: 32666212
Conc: 913.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



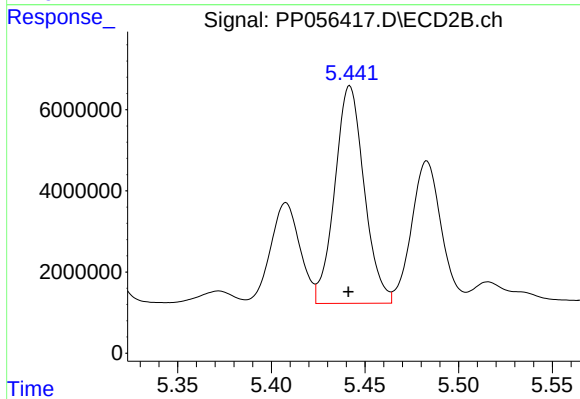
#19 AR-1242-4

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 27878559
Conc: 951.51 ng/ml



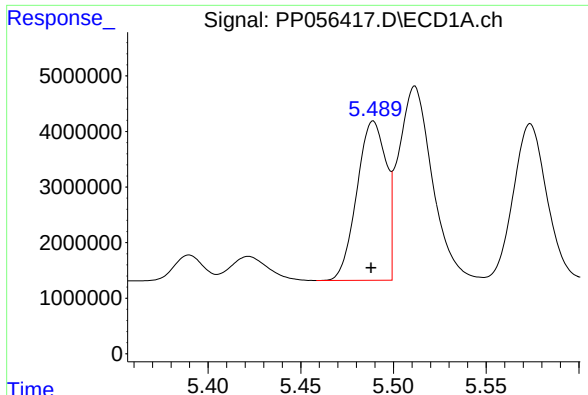
#20 AR-1242-5

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 66127287
Conc: 1546.83 ng/ml



#20 AR-1242-5

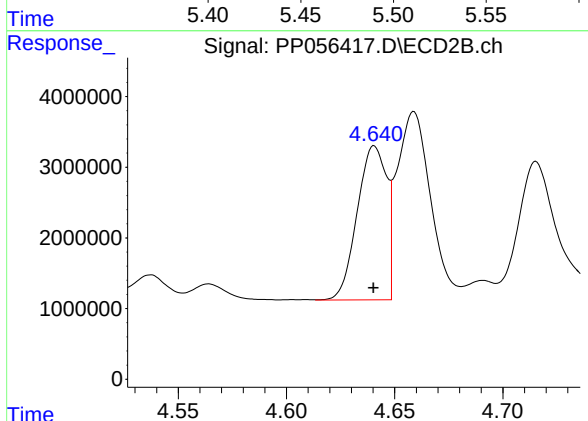
R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 58545072
Conc: 1814.58 ng/ml



#21 AR-1248-1

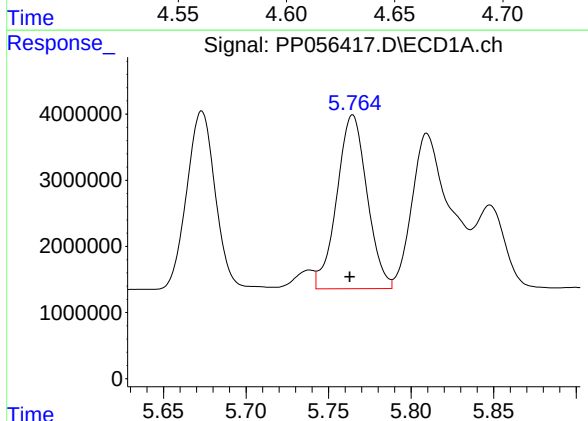
R.T.: 5.489 min
Delta R.T.: 0.001 min
Response: 31511676
Conc: 884.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



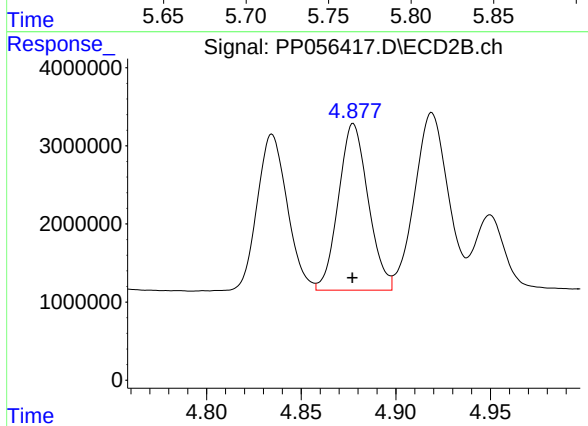
#21 AR-1248-1

R.T.: 4.641 min
Delta R.T.: 0.000 min
Response: 20560441
Conc: 791.90 ng/ml



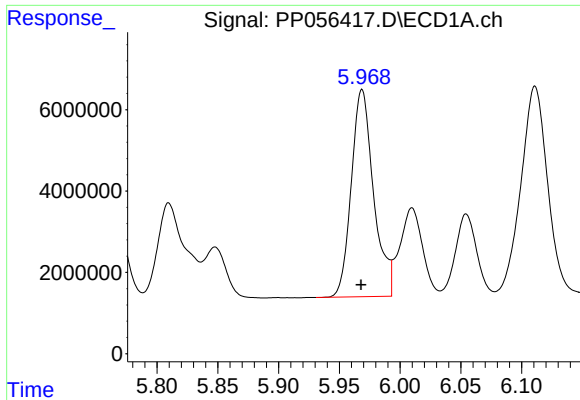
#22 AR-1248-2

R.T.: 5.765 min
Delta R.T.: 0.002 min
Response: 33479882
Conc: 599.66 ng/ml



#22 AR-1248-2

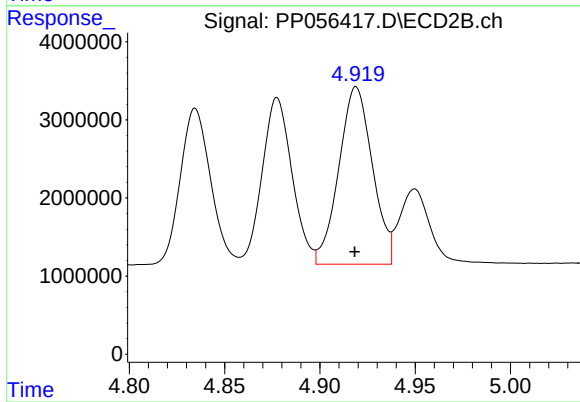
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 23361998
Conc: 600.58 ng/ml



#23 AR-1248-3

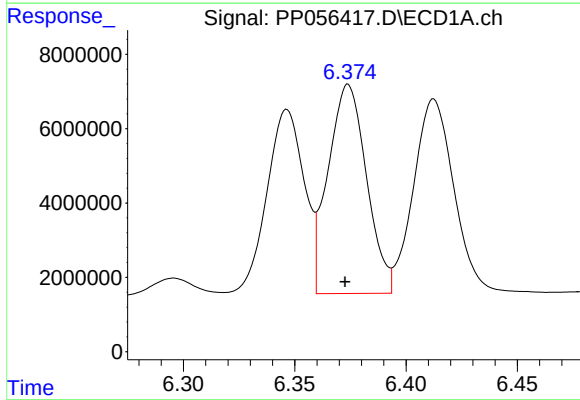
R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 64931431
Conc: 1067.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



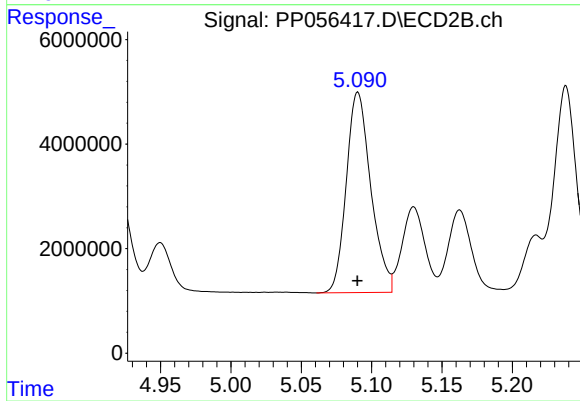
#23 AR-1248-3

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 27878559
Conc: 683.64 ng/ml



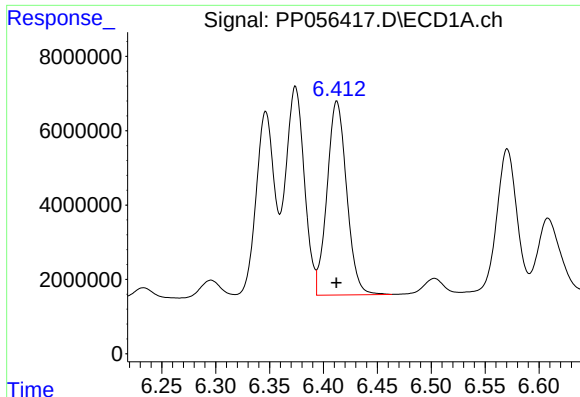
#24 AR-1248-4

R.T.: 6.374 min
Delta R.T.: 0.001 min
Response: 67606122
Conc: 978.73 ng/ml



#24 AR-1248-4

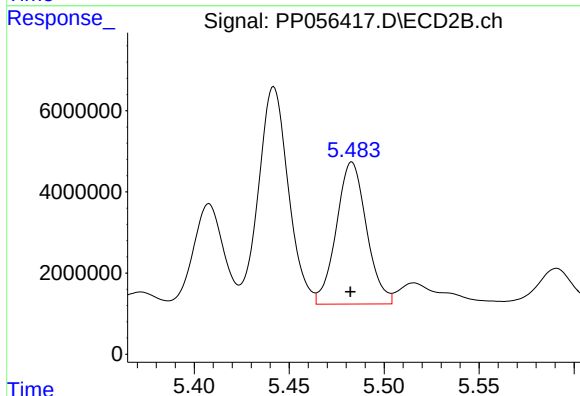
R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 46649838
Conc: 996.16 ng/ml



#25 AR-1248-5

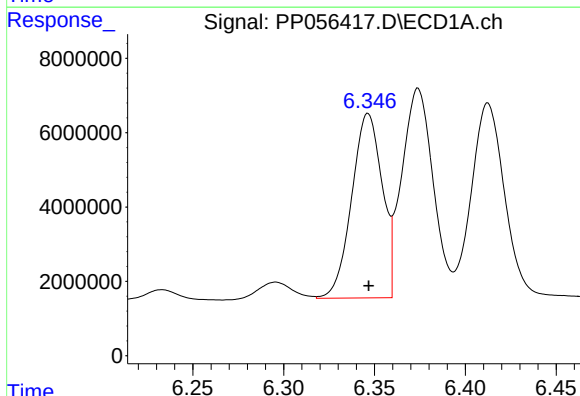
R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 66127287
Conc: 973.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



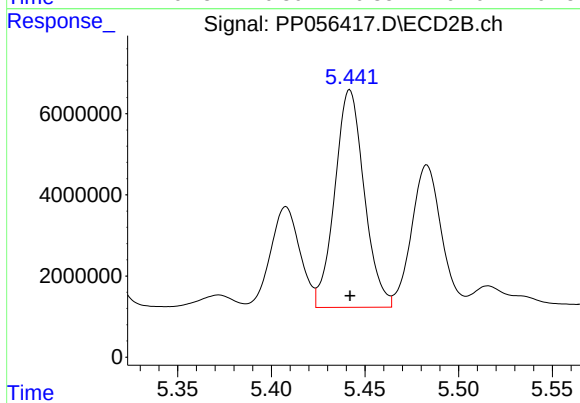
#25 AR-1248-5

R.T.: 5.483 min
Delta R.T.: 0.000 min
Response: 38747161
Conc: 938.25 ng/ml



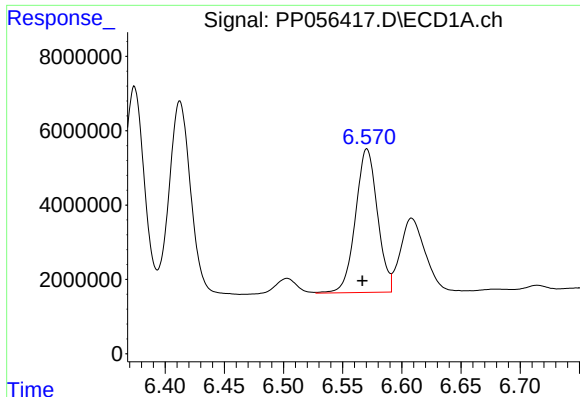
#26 AR-1254-1

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 57924847
Conc: 767.41 ng/ml



#26 AR-1254-1

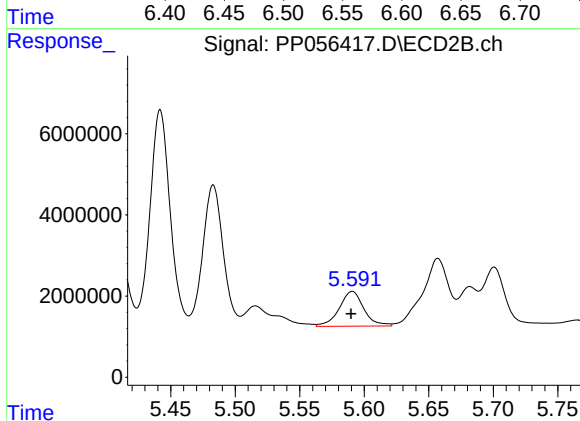
R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 58545072
Conc: 815.79 ng/ml



#27 AR-1254-2

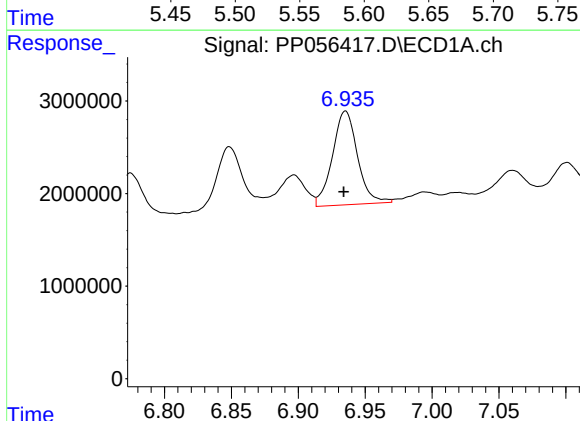
R.T.: 6.571 min
Delta R.T.: 0.004 min
Response: 49906249
Conc: 430.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



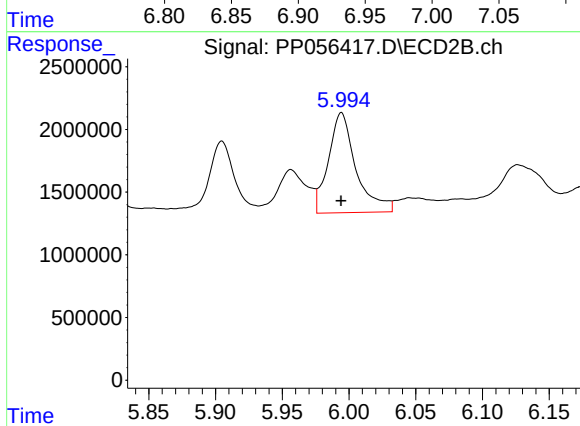
#27 AR-1254-2

R.T.: 5.591 min
Delta R.T.: 0.000 min
Response: 11455932
Conc: 187.86 ng/ml



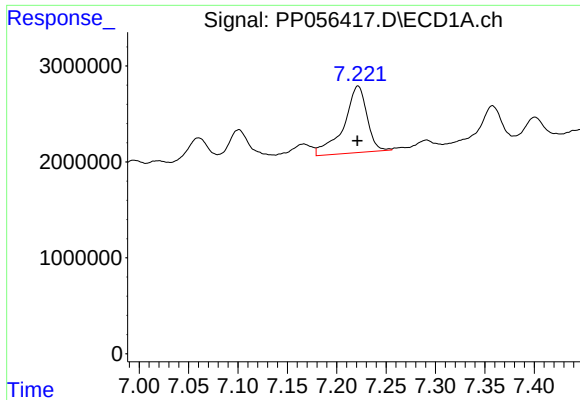
#28 AR-1254-3

R.T.: 6.935 min
Delta R.T.: 0.001 min
Response: 13208520
Conc: 107.71 ng/ml



#28 AR-1254-3

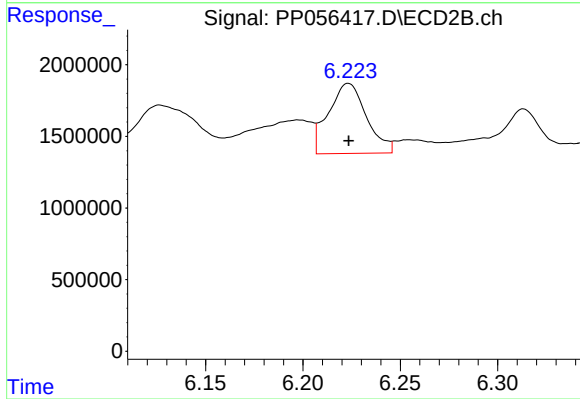
R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 11485756
Conc: 124.07 ng/ml



#29 AR-1254-4

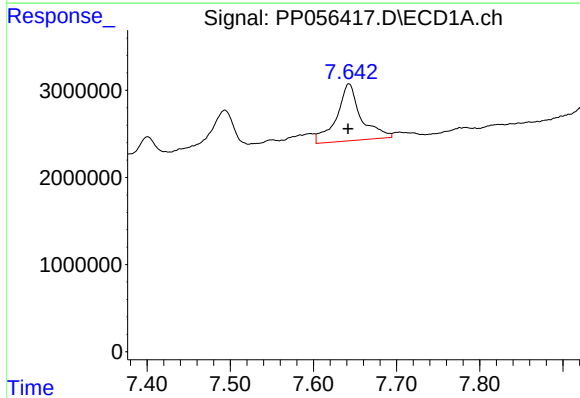
R.T.: 7.222 min
Delta R.T.: 0.000 min
Response: 11352515
Conc: 125.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



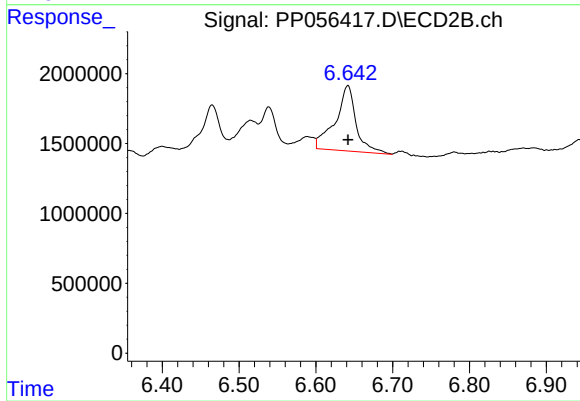
#29 AR-1254-4

R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 6644792
Conc: 123.26 ng/ml



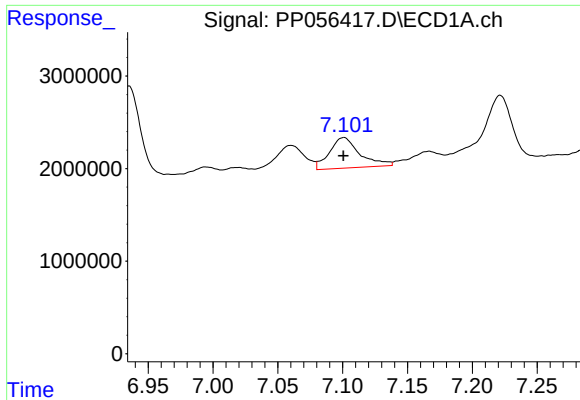
#30 AR-1254-5

R.T.: 7.643 min
Delta R.T.: 0.001 min
Response: 13301454
Conc: 128.66 ng/ml



#30 AR-1254-5

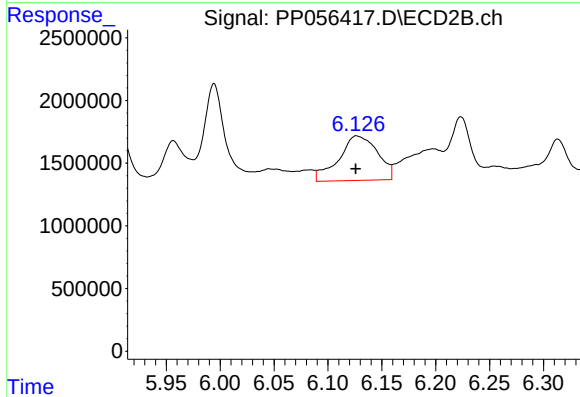
R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 8773828
Conc: 112.26 ng/ml



#31 AR-1260-1

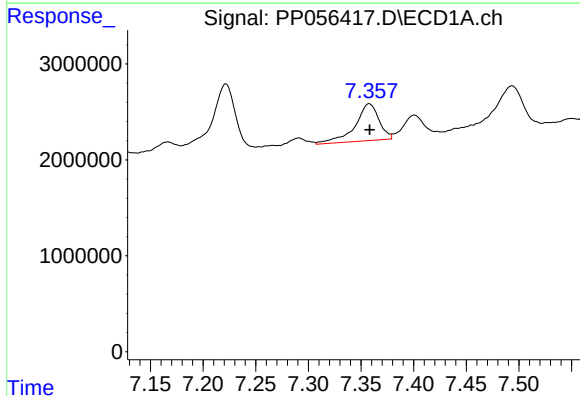
R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 5387384
Conc: 54.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



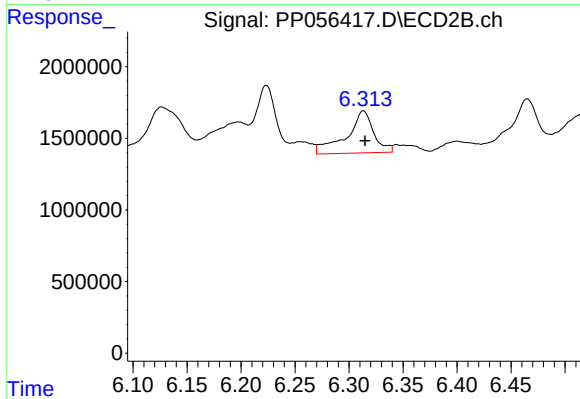
#31 AR-1260-1

R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 8951268
Conc: 131.31 ng/ml



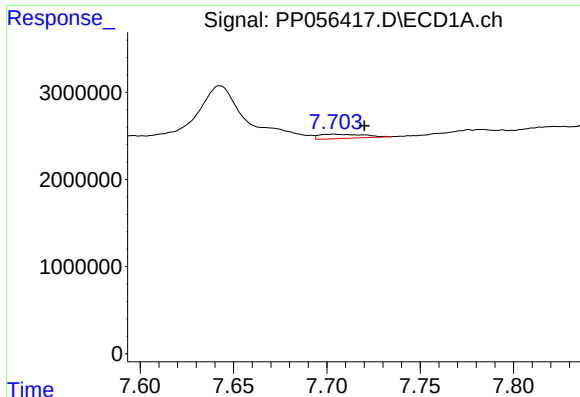
#32 AR-1260-2

R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 6079690
Conc: 52.41 ng/ml



#32 AR-1260-2

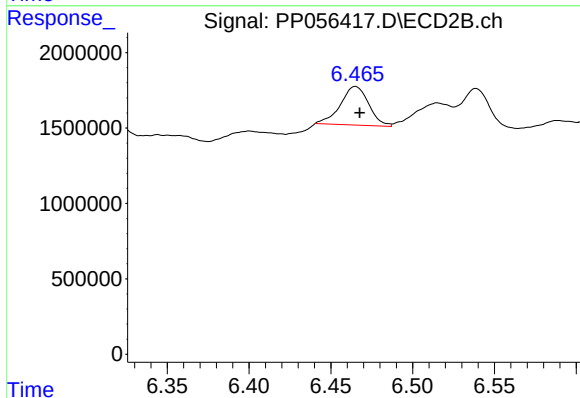
R.T.: 6.313 min
Delta R.T.: -0.002 min
Response: 5163708
Conc: 67.50 ng/ml



#33 AR-1260-3

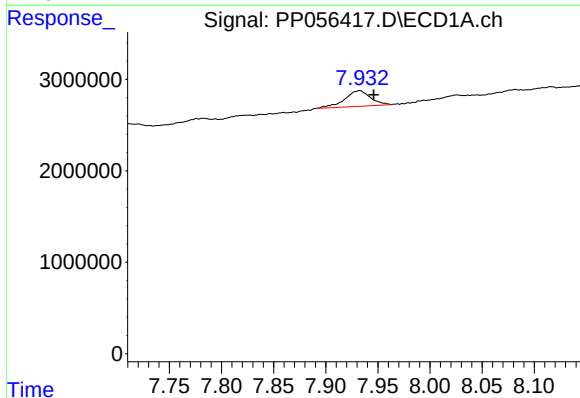
R.T.: 7.704 min
Delta R.T.: -0.016 min
Response: 825783
Conc: 9.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



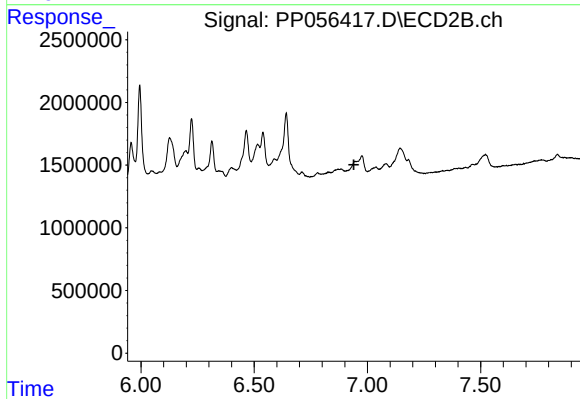
#33 AR-1260-3

R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 3085216
Conc: 42.67 ng/ml



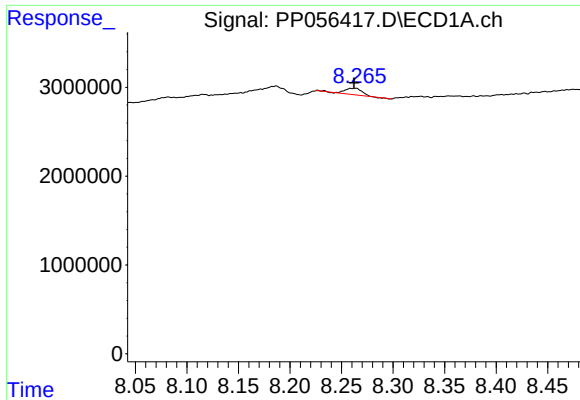
#34 AR-1260-4

R.T.: 7.933 min
Delta R.T.: -0.014 min
Response: 2929816
Conc: 29.63 ng/ml



#34 AR-1260-4

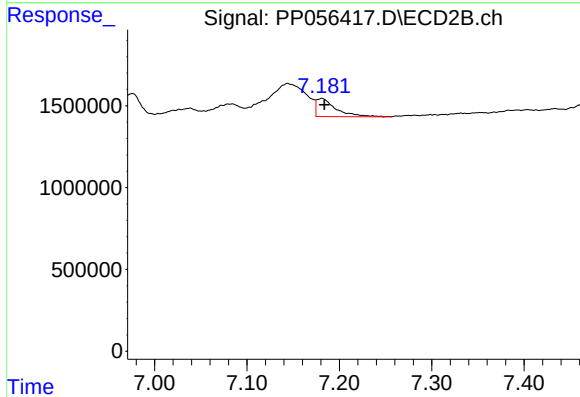
R.T.: 0.000 min
Exp R.T.: 6.940 min
Response: 0
Conc: N.D.



#35 AR-1260-5

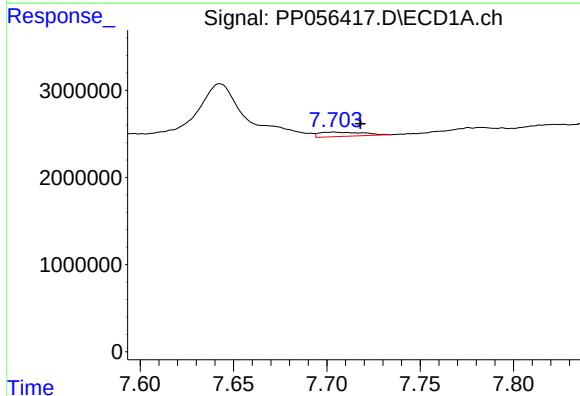
R.T.: 8.263 min
Delta R.T.: 0.001 min
Response: 824038
Conc: 4.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



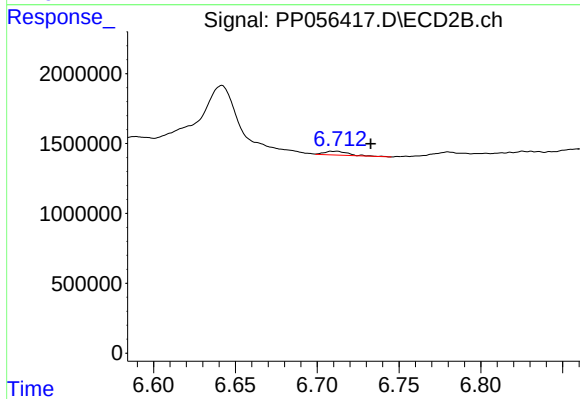
#35 AR-1260-5

R.T.: 7.181 min
Delta R.T.: -0.003 min
Response: 1621100
Conc: 12.69 ng/ml



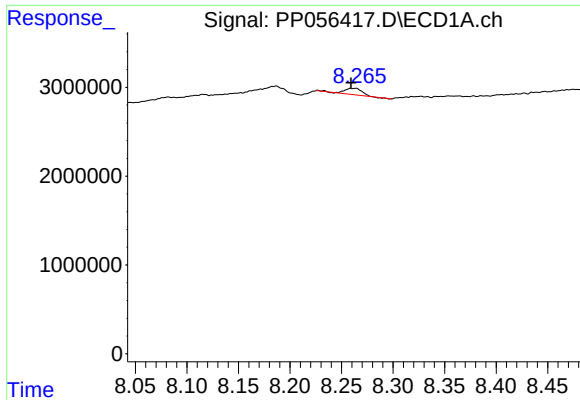
#36 AR-1262-1

R.T.: 7.704 min
Delta R.T.: -0.014 min
Response: 825783
Conc: 6.92 ng/ml



#36 AR-1262-1

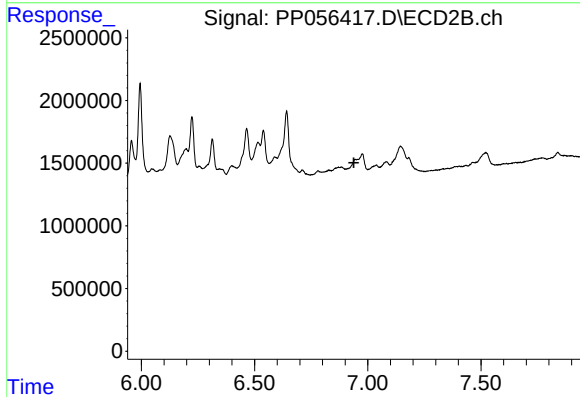
R.T.: 6.711 min
Delta R.T.: -0.022 min
Response: 271629
Conc: 8.26 ng/ml



#37 AR-1262-2

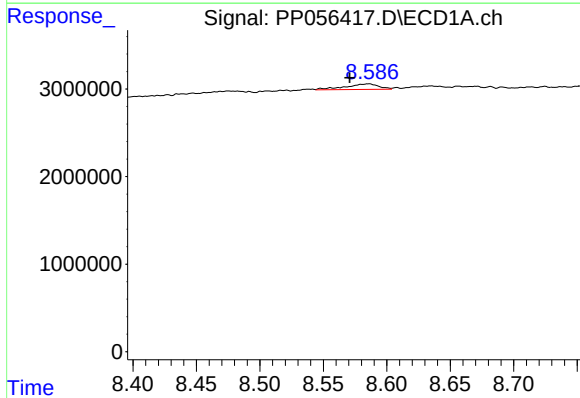
R.T.: 8.263 min
Delta R.T.: 0.004 min
Response: 824038
Conc: 3.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



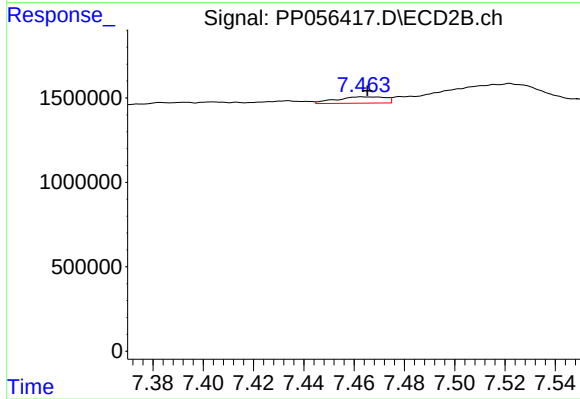
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.939 min
Response: 0
Conc: N.D.



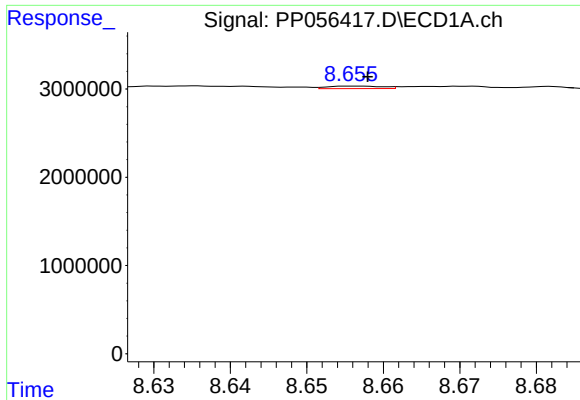
#38 AR-1262-3

R.T.: 8.586 min
Delta R.T.: 0.015 min
Response: 1173793
Conc: 7.68 ng/ml



#38 AR-1262-3

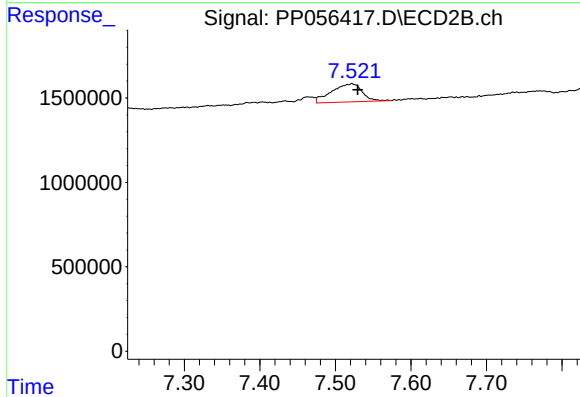
R.T.: 7.464 min
Delta R.T.: -0.002 min
Response: 510509
Conc: 9.37 ng/ml



#39 AR-1262-4

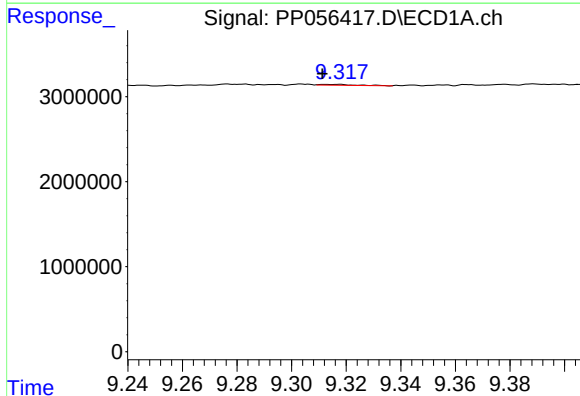
R.T.: 8.656 min
Delta R.T.: -0.002 min
Response: 145601
Conc: 1.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



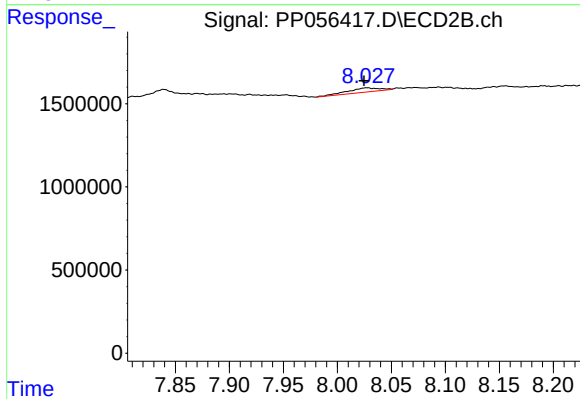
#39 AR-1262-4

R.T.: 7.522 min
Delta R.T.: -0.008 min
Response: 3016269
Conc: 31.20 ng/ml



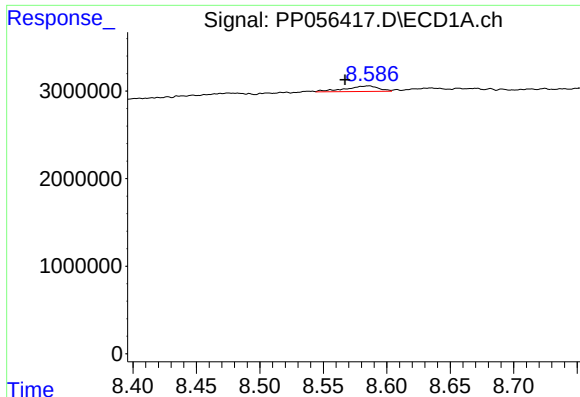
#40 AR-1262-5

R.T.: 9.317 min
Delta R.T.: 0.005 min
Response: 93098
Conc: 1.12 ng/ml



#40 AR-1262-5

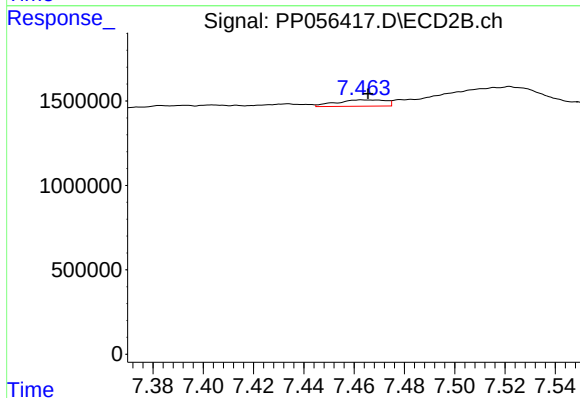
R.T.: 8.028 min
Delta R.T.: 0.003 min
Response: 532826
Conc: 11.86 ng/ml



#41 AR-1268-1

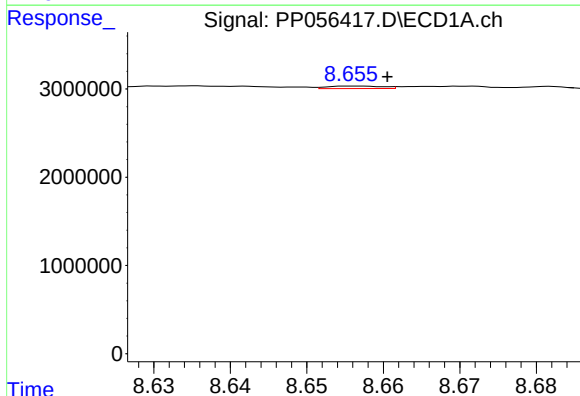
R.T.: 8.586 min
Delta R.T.: 0.019 min
Response: 1173793
Conc: 4.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



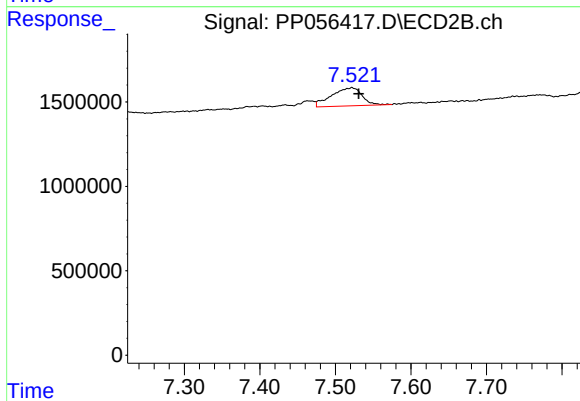
#41 AR-1268-1

R.T.: 7.464 min
Delta R.T.: -0.002 min
Response: 510509
Conc: 3.03 ng/ml



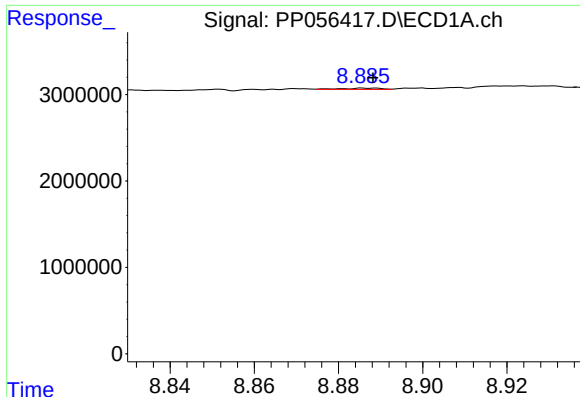
#42 AR-1268-2

R.T.: 8.656 min
Delta R.T.: -0.004 min
Response: 145601
Conc: 0.56 ng/ml



#42 AR-1268-2

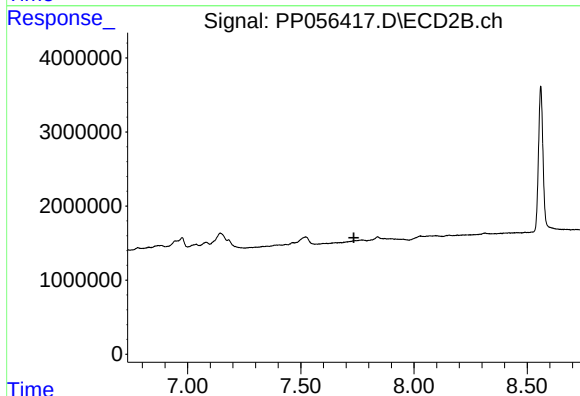
R.T.: 7.522 min
Delta R.T.: -0.009 min
Response: 3016269
Conc: 20.17 ng/ml



#43 AR-1268-3

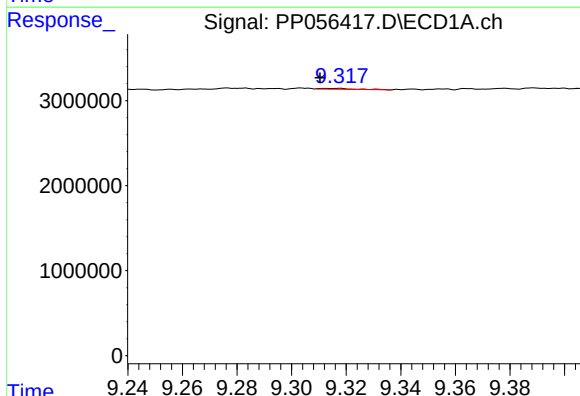
R.T.: 8.887 min
Delta R.T.: -0.001 min
Response: 93458
Conc: 0.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



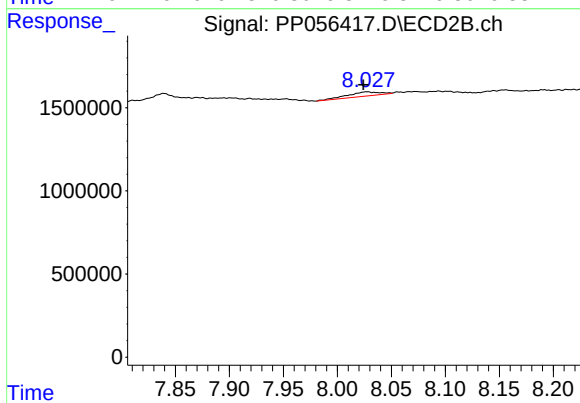
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.735 min
Response: 0
Conc: N.D.



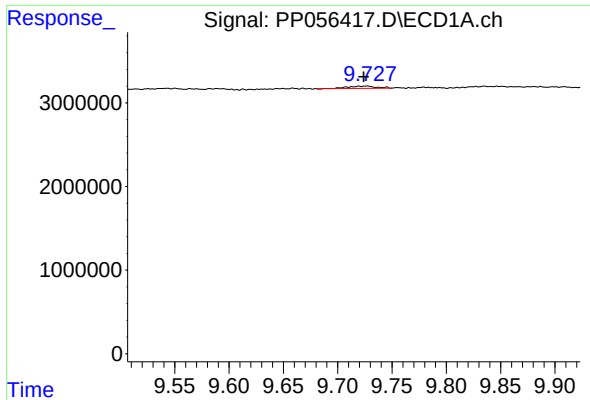
#44 AR-1268-4

R.T.: 9.317 min
Delta R.T.: 0.006 min
Response: 93098
Conc: 1.00 ng/ml



#44 AR-1268-4

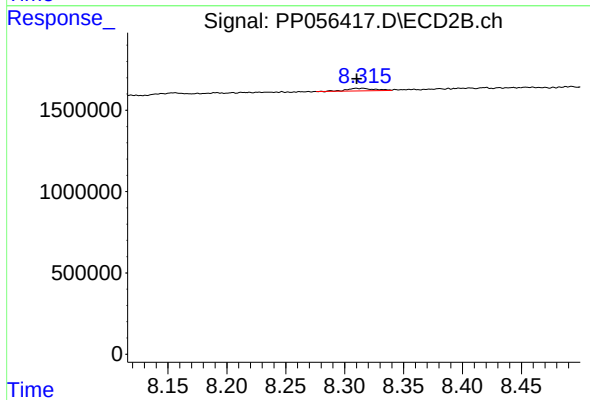
R.T.: 8.028 min
Delta R.T.: 0.003 min
Response: 532826
Conc: 10.44 ng/ml



#45 AR-1268-5

R.T.: 9.727 min
Delta R.T.: 0.003 min
Response: 467711
Conc: 0.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
33955



#45 AR-1268-5

R.T.: 8.316 min
Delta R.T.: 0.005 min
Response: 248494
Conc: 0.64 ng/ml