

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072023\
 Data File : PP058821.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 19:22
 Operator : YP\AJ
 Sample : 03666-10
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 22:15:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP071923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 20 03:59:18 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...	4.427	3.668	23654761	28506335	16.189	13.340
2)	SA Decachlor...	10.229	8.717	16387514	39159868	18.349	21.557
Target Compounds							
3)	L1 AR-1016-1	5.603	4.764	11808095	15504221	275.231	237.901
4)	L1 AR-1016-2	5.626	4.784	17965792	19755701	296.976	211.831 #
5)	L1 AR-1016-3	5.688	4.961	12198051	13111467	314.814	267.670
6)	L1 AR-1016-4	5.787	5.003	9183143	56150283	296.401	1304.280 #
7)	L1 AR-1016-5	6.083	5.218	33780410	44727057	1067.499	807.790
8)	L2 AR-1221-1	4.634	3.885	6248669	3123262	331.450	121.599 #
9)	L2 AR-1221-2	4.723	3.970	2367214	3879736	169.562	201.147
10)	L2 AR-1221-3	4.816f	4.046	14650484	17990174	358.303	299.717
11)	L3 AR-1232-1	4.816f	4.046	14650484	17990174	445.352	367.743
12)	L3 AR-1232-2	5.334	4.784	9833281	19755701	565.415	463.611
13)	L3 AR-1232-3	5.626	4.961	17965792	13111467	634.257	585.753
14)	L3 AR-1232-4	5.787	5.045	9183143	28205834	642.131	1288.721 #
15)	L3 AR-1232-5	5.879	5.218	36469489	44727057	3102.514	1826.466 #
16)	L4 AR-1242-1	5.603	4.764	11808095	15504221	308.908	274.158
17)	L4 AR-1242-2	5.626	4.784	17965792	19755701	335.624	245.115 #
18)	L4 AR-1242-3	5.688	4.961	12198051	13111467	356.871	307.880
19)	L4 AR-1242-4	5.787	5.045	9183143	28205834	334.179	634.890 #
20)	L4 AR-1242-5	6.531	5.574	31794574	156.8E6	1220.885	3004.919 #
21)	L5 AR-1248-1	5.603	4.764	11808095	15504221	436.072	383.726
22)	L5 AR-1248-2	5.879	5.003	36469489	56150283	923.115	921.684
23)	L5 AR-1248-3	6.083	5.045	33780410	28205834	761.622	457.514 #
24)	L5 AR-1248-4	6.490	5.218	40423331	44727057	957.657	614.086 #
25)	L5 AR-1248-5	6.531	5.615	31794574	31512922	779.131	484.437 #
26)	L6 AR-1254-1	6.463	5.574	73019338	156.8E6	1500.353	1433.268
27)	L6 AR-1254-2	6.684	5.723	128.5E6	136.3E6	1797.505	1427.079
28)	L6 AR-1254-3	7.050	6.128	142.7E6	257.1E6	1935.037	1707.276
29)	L6 AR-1254-4	7.337	6.357	110.6E6	166.4E6	2259.587	2015.610
30)	L6 AR-1254-5	7.758	6.777	156.2E6	276.6E6	2884.442	2159.329 #
31)	L7 AR-1260-1	7.216	6.259	57279545	127.1E6	1005.414	1158.720
32)	L7 AR-1260-2	7.473	6.447	69588941	107.0E6	1074.927	845.321
33)	L7 AR-1260-3	7.818	6.600	16733273	109.0E6	338.092	899.018 #
34)	L7 AR-1260-4	8.047	7.076	71268188	15263759	1341.898	152.837 #
35)	L7 AR-1260-5	8.383	7.319	25793121	26265345	268.030	127.845 #
36)	L8 AR-1262-1	7.818	6.868	16733273	9991270	242.126	169.005 #
37)	L8 AR-1262-2	8.383	7.076	25793121	15263759	240.536	122.358 #
38)	L8 AR-1262-3	8.712f	7.604	21884714	5567100	294.679	58.771 #
39)	L8 AR-1262-4	8.766f	7.665	8240730	47007892	141.680	282.731 #
40)	L8 AR-1262-5	9.455	8.165	3729492	7064797	102.548	100.360
41)	L9 AR-1268-1	8.712f	7.604	21884714	5567100	169.513	19.972 #

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 ALS Vial : 40 Sample Multiplier: 1

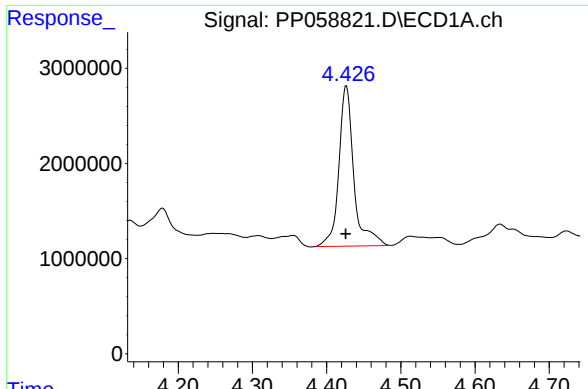
Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 22:15:56 2023
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 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	8.766f	7.665	8240730	47007892	70.128	190.305 #
43) L9	AR-1268-3	9.025	7.878	1045010	2134825	10.244	9.621
44) L9	AR-1268-4	9.455	8.165	3729492	7064797	96.834	90.435
45) L9	AR-1268-5	9.880	8.459	3543032	8317413	10.752	13.070

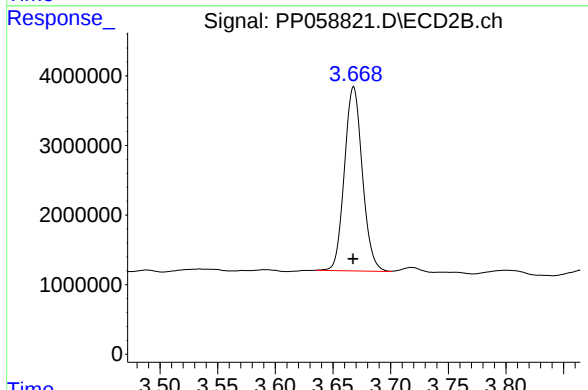
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

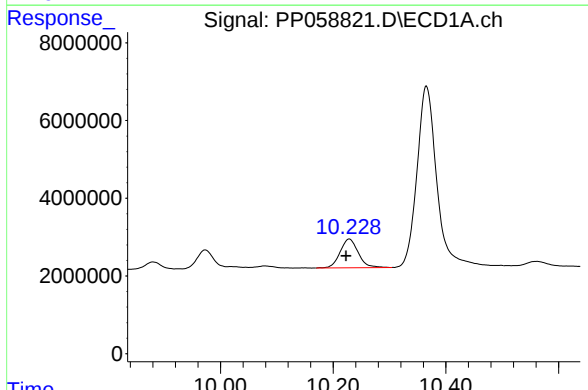
R.T.: 4.427 min
Delta R.T.: 0.000 min
Response: 23654761
Conc: 16.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



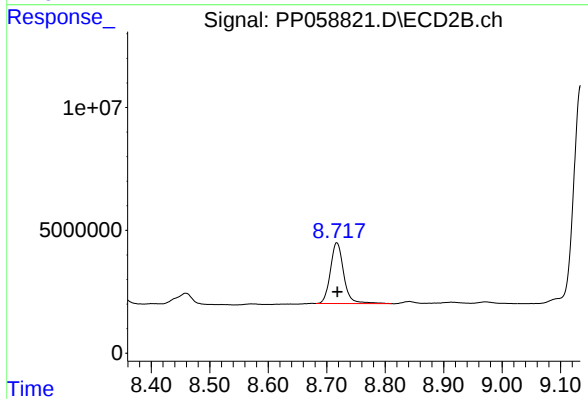
#1 Tetrachloro-m-xylene

R.T.: 3.668 min
Delta R.T.: 0.000 min
Response: 28506335
Conc: 13.34 ng/ml



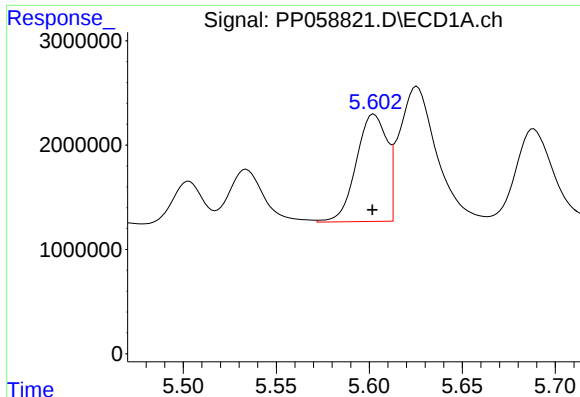
#2 Decachlorobiphenyl

R.T.: 10.229 min
Delta R.T.: 0.006 min
Response: 16387514
Conc: 18.35 ng/ml



#2 Decachlorobiphenyl

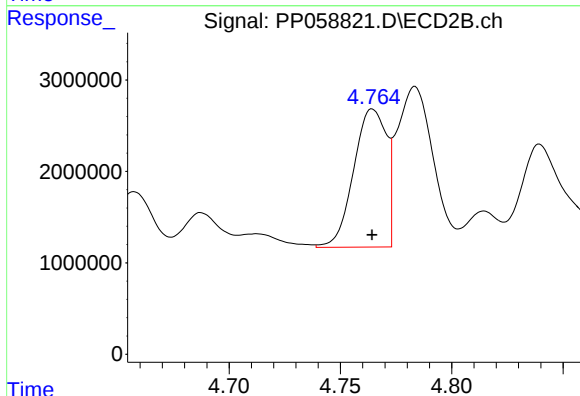
R.T.: 8.717 min
Delta R.T.: 0.000 min
Response: 39159868
Conc: 21.56 ng/ml



#3 AR-1016-1

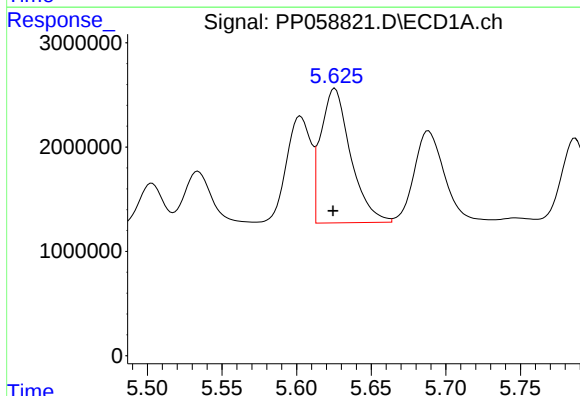
R.T.: 5.603 min
Delta R.T.: 0.000 min
Response: 11808095
Conc: 275.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



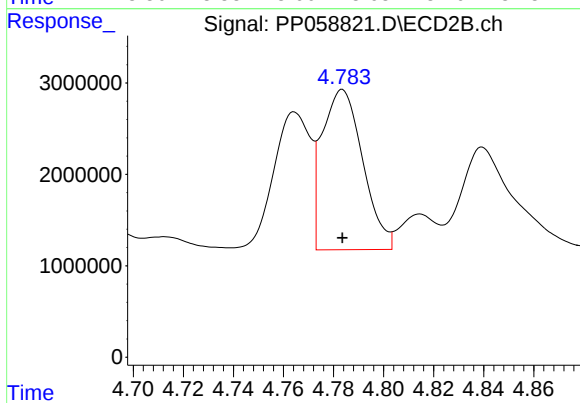
#3 AR-1016-1

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 15504221
Conc: 237.90 ng/ml



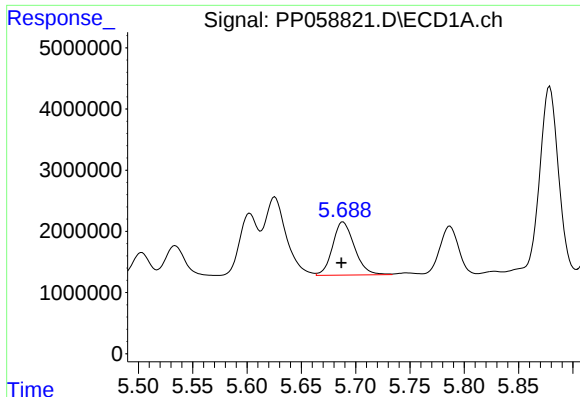
#4 AR-1016-2

R.T.: 5.626 min
Delta R.T.: 0.001 min
Response: 17965792
Conc: 296.98 ng/ml



#4 AR-1016-2

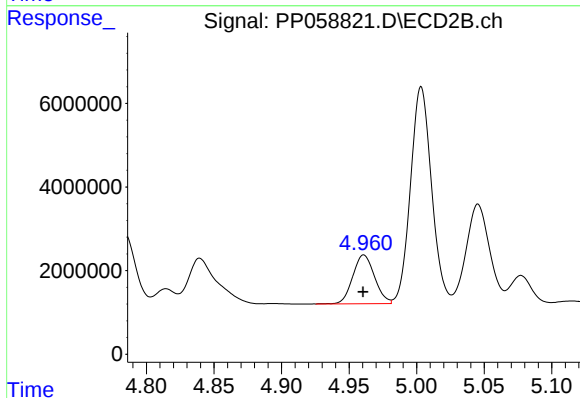
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 19755701
Conc: 211.83 ng/ml



#5 AR-1016-3

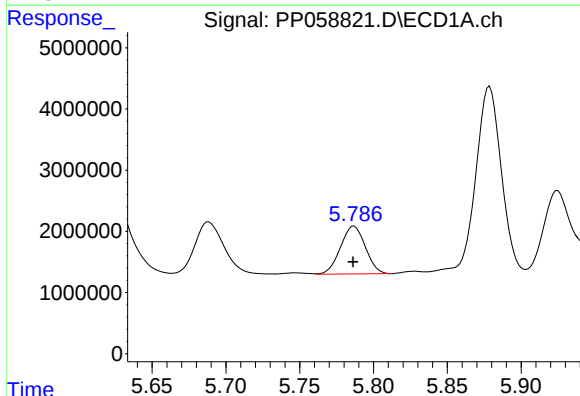
R.T.: 5.688 min
Delta R.T.: 0.001 min
Response: 12198051
Conc: 314.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



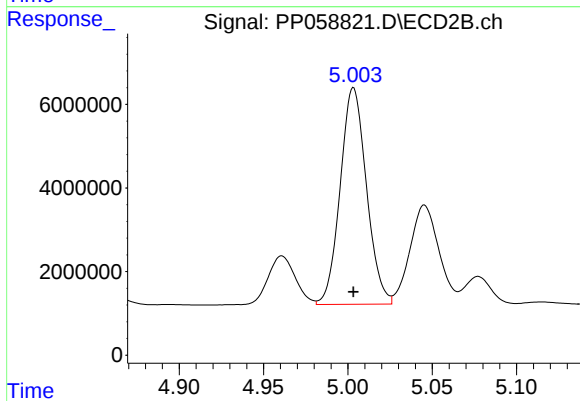
#5 AR-1016-3

R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 13111467
Conc: 267.67 ng/ml



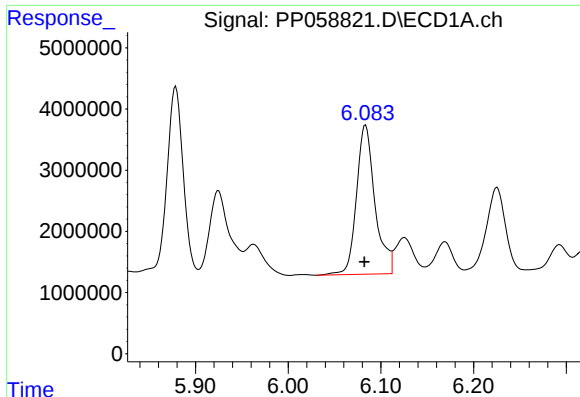
#6 AR-1016-4

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 9183143
Conc: 296.40 ng/ml



#6 AR-1016-4

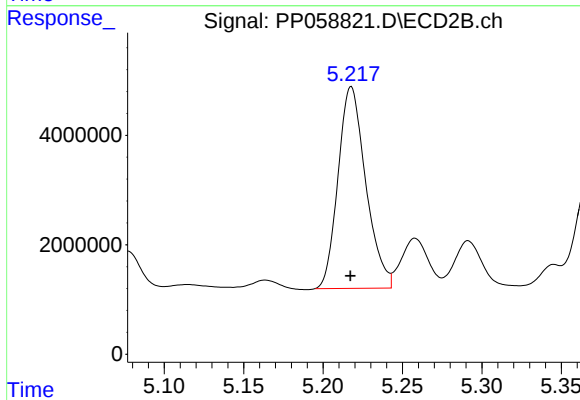
R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 56150283
Conc: 1304.28 ng/ml



#7 AR-1016-5

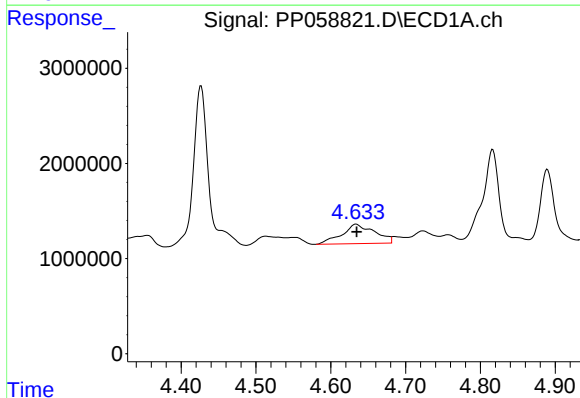
R.T.: 6.083 min
Delta R.T.: 0.001 min
Response: 33780410
Conc: 1067.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



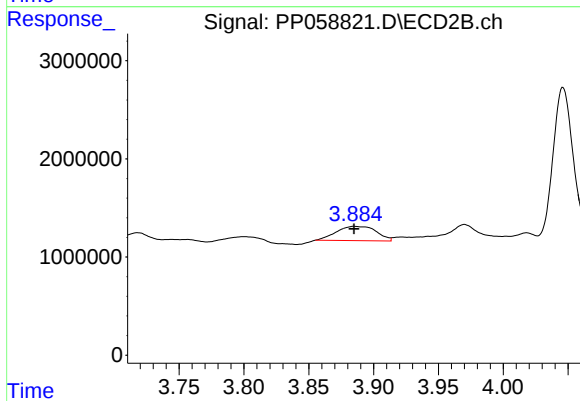
#7 AR-1016-5

R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 44727057
Conc: 807.79 ng/ml



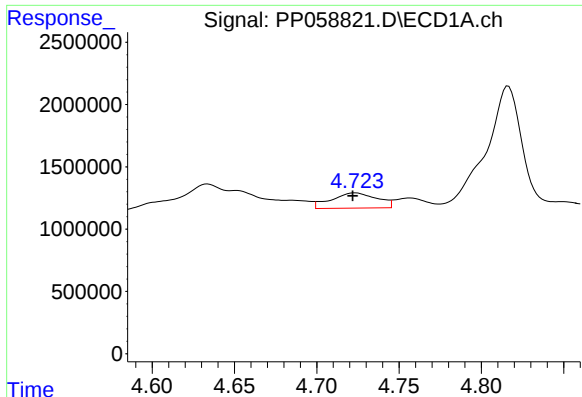
#8 AR-1221-1

R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 6248669
Conc: 331.45 ng/ml



#8 AR-1221-1

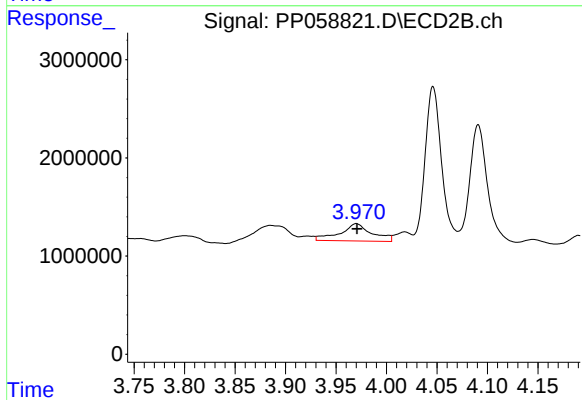
R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 3123262
Conc: 121.60 ng/ml



#9 AR-1221-2

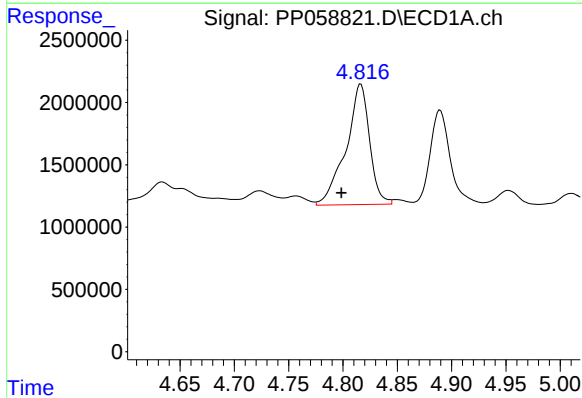
R.T.: 4.723 min
Delta R.T.: 0.002 min
Response: 2367214
Conc: 169.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



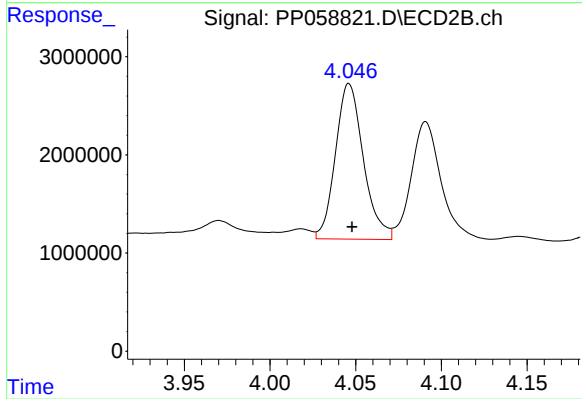
#9 AR-1221-2

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 3879736
Conc: 201.15 ng/ml



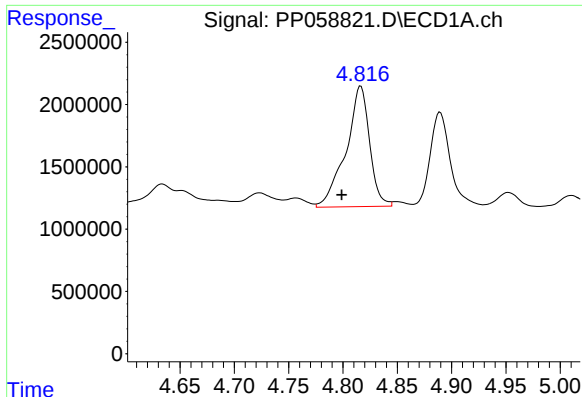
#10 AR-1221-3

R.T.: 4.816 min
Delta R.T.: 0.018 min
Response: 14650484
Conc: 358.30 ng/ml



#10 AR-1221-3

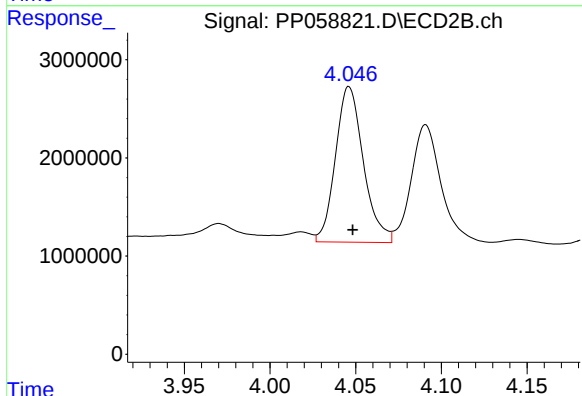
R.T.: 4.046 min
Delta R.T.: -0.002 min
Response: 17990174
Conc: 299.72 ng/ml



#11 AR-1232-1

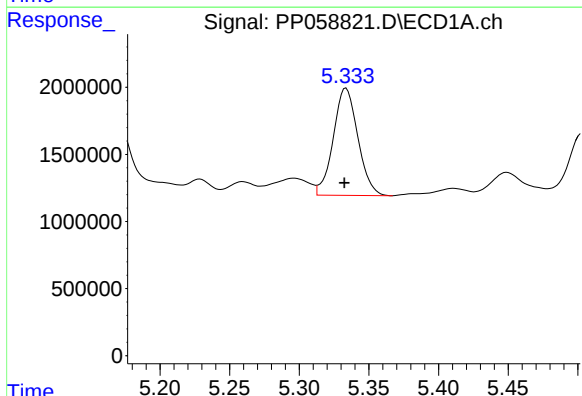
R.T.: 4.816 min
Delta R.T.: 0.017 min
Response: 14650484
Conc: 445.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



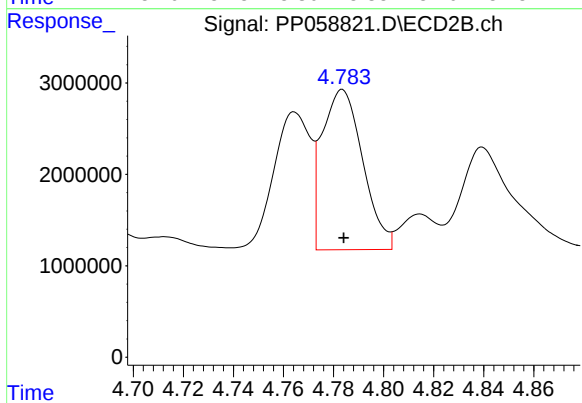
#11 AR-1232-1

R.T.: 4.046 min
Delta R.T.: -0.002 min
Response: 17990174
Conc: 367.74 ng/ml



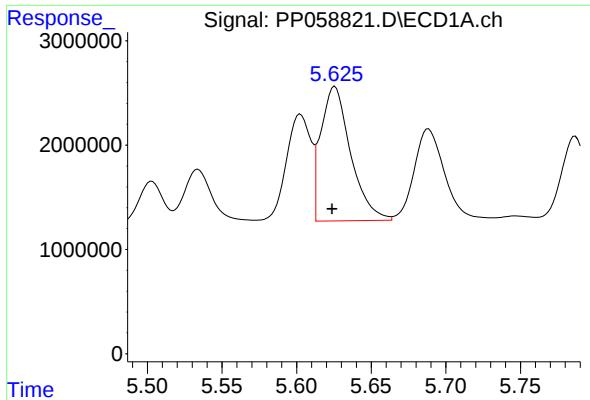
#12 AR-1232-2

R.T.: 5.334 min
Delta R.T.: 0.001 min
Response: 9833281
Conc: 565.42 ng/ml



#12 AR-1232-2

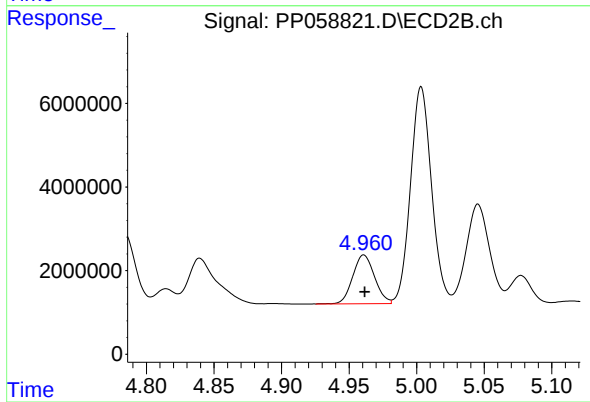
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 19755701
Conc: 463.61 ng/ml



#13 AR-1232-3

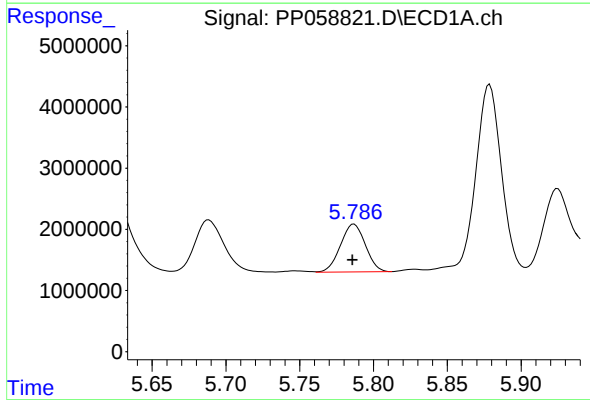
R.T.: 5.626 min
Delta R.T.: 0.002 min
Response: 17965792
Conc: 634.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



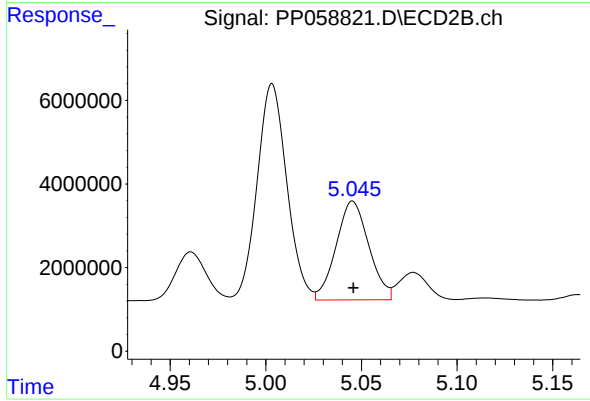
#13 AR-1232-3

R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 13111467
Conc: 585.75 ng/ml



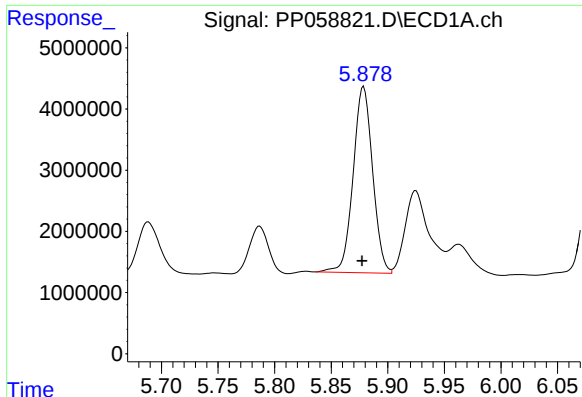
#14 AR-1232-4

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 9183143
Conc: 642.13 ng/ml



#14 AR-1232-4

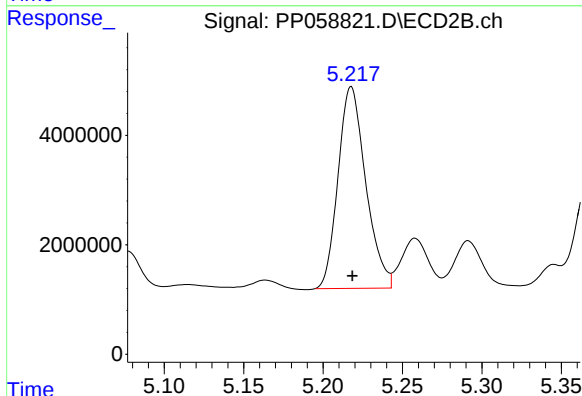
R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 28205834
Conc: 1288.72 ng/ml



#15 AR-1232-5

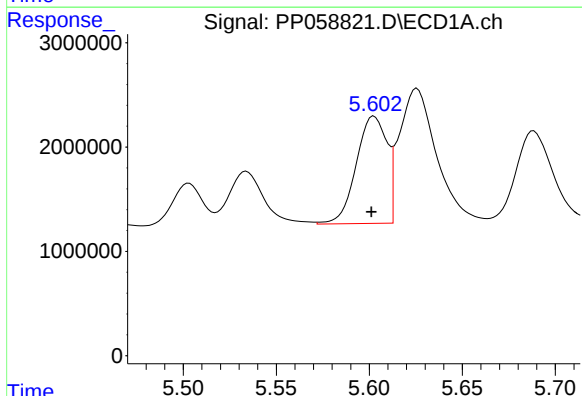
R.T.: 5.879 min
Delta R.T.: 0.001 min
Response: 36469489
Conc: 3102.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



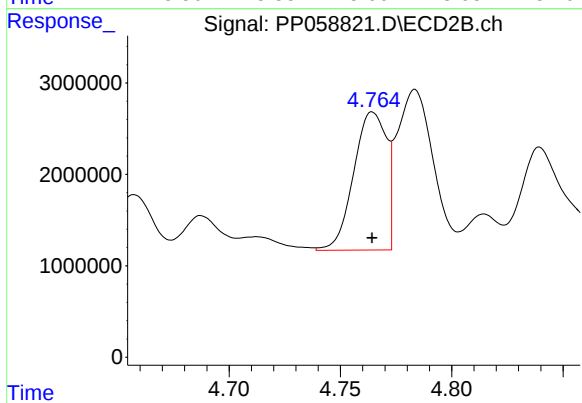
#15 AR-1232-5

R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 44727057
Conc: 1826.47 ng/ml



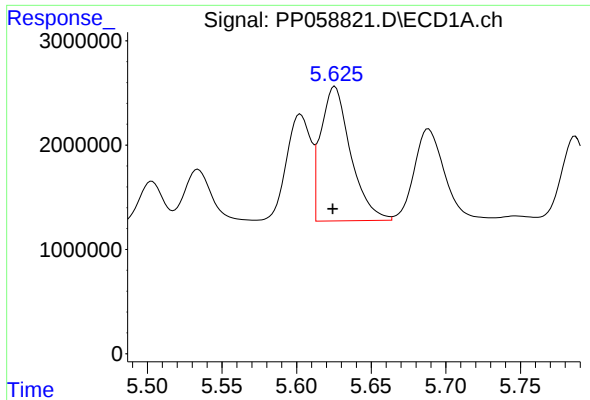
#16 AR-1242-1

R.T.: 5.603 min
Delta R.T.: 0.001 min
Response: 11808095
Conc: 308.91 ng/ml



#16 AR-1242-1

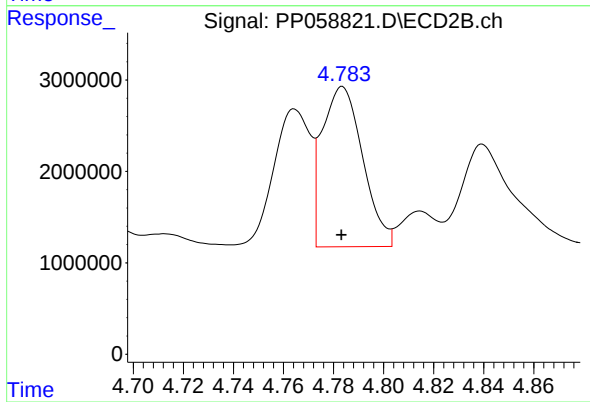
R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 15504221
Conc: 274.16 ng/ml



#17 AR-1242-2

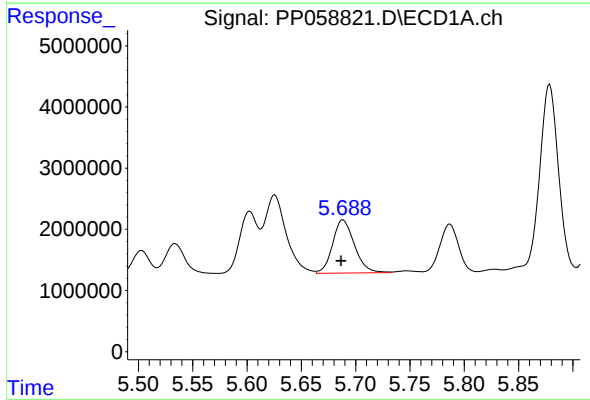
R.T.: 5.626 min
Delta R.T.: 0.002 min
Response: 17965792
Conc: 335.62 ng/ml

Instrument :
ECD_D
ClientSampleId :



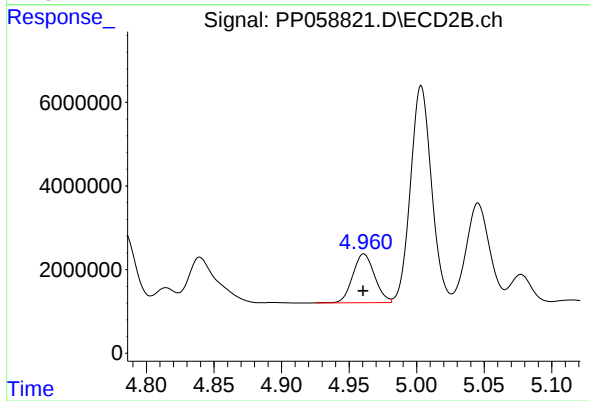
#17 AR-1242-2

R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 19755701
Conc: 245.12 ng/ml



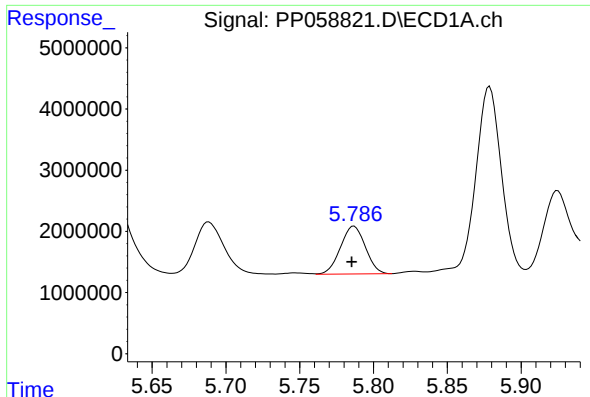
#18 AR-1242-3

R.T.: 5.688 min
Delta R.T.: 0.002 min
Response: 12198051
Conc: 356.87 ng/ml



#18 AR-1242-3

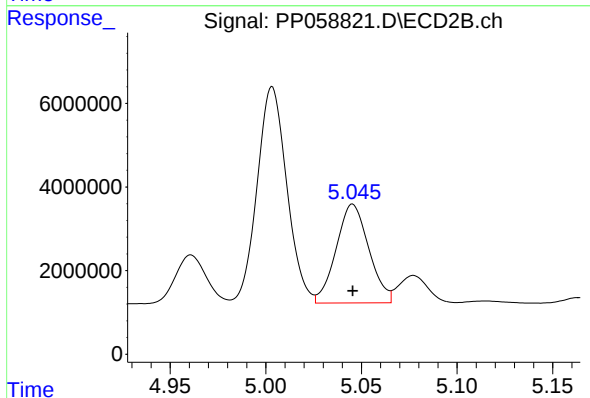
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 13111467
Conc: 307.88 ng/ml



#19 AR-1242-4

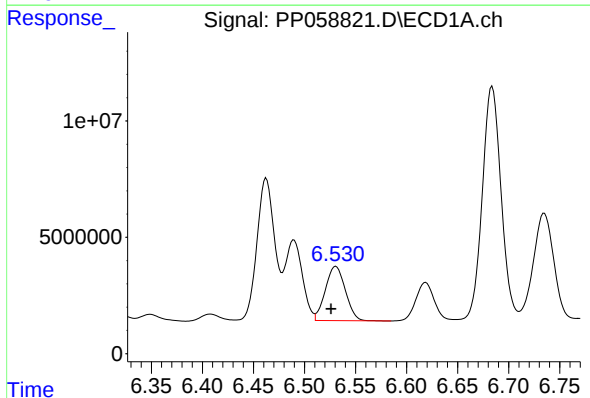
R.T.: 5.787 min
Delta R.T.: 0.002 min
Response: 9183143
Conc: 334.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



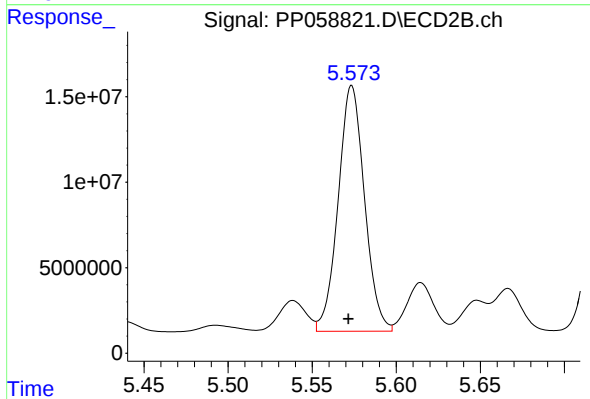
#19 AR-1242-4

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 28205834
Conc: 634.89 ng/ml



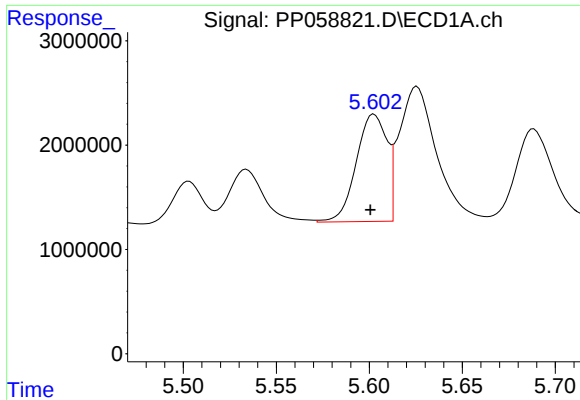
#20 AR-1242-5

R.T.: 6.531 min
Delta R.T.: 0.005 min
Response: 31794574
Conc: 1220.89 ng/ml



#20 AR-1242-5

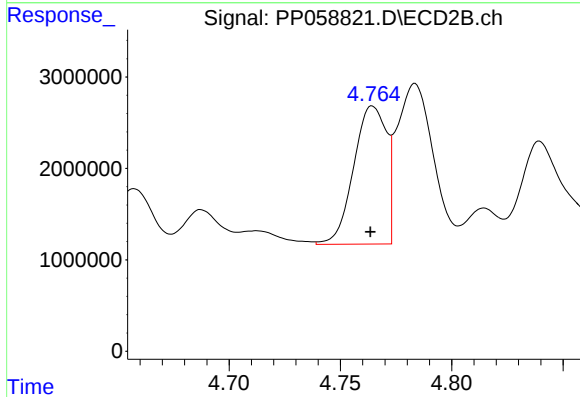
R.T.: 5.574 min
Delta R.T.: 0.002 min
Response: 156790728
Conc: 3004.92 ng/ml



#21 AR-1248-1

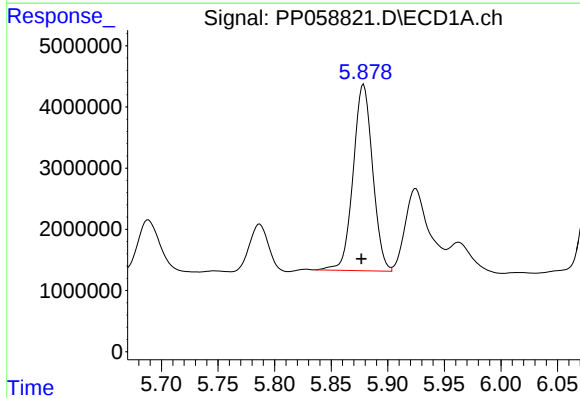
R.T.: 5.603 min
Delta R.T.: 0.002 min
Response: 11808095
Conc: 436.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



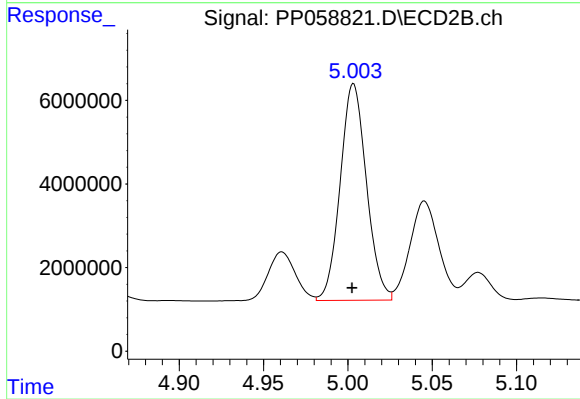
#21 AR-1248-1

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 15504221
Conc: 383.73 ng/ml



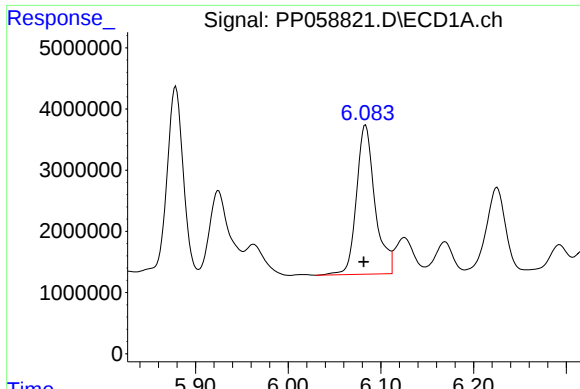
#22 AR-1248-2

R.T.: 5.879 min
Delta R.T.: 0.002 min
Response: 36469489
Conc: 923.11 ng/ml



#22 AR-1248-2

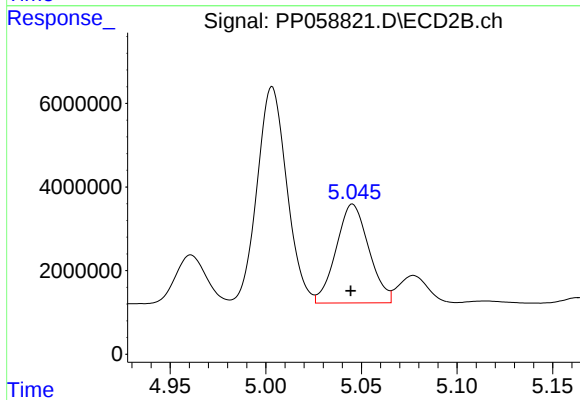
R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 56150283
Conc: 921.68 ng/ml



#23 AR-1248-3

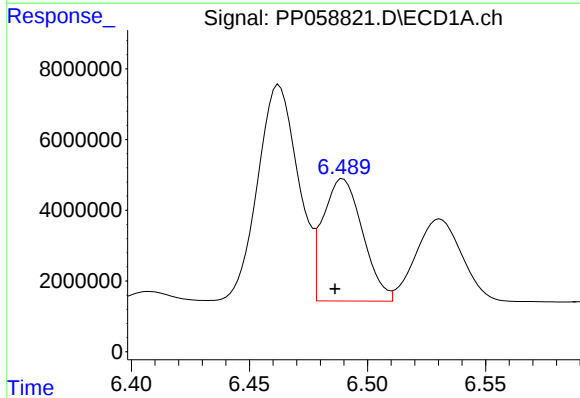
R.T.: 6.083 min
Delta R.T.: 0.002 min
Response: 33780410
Conc: 761.62 ng/ml

Instrument :
ECD_D
ClientSampleId :



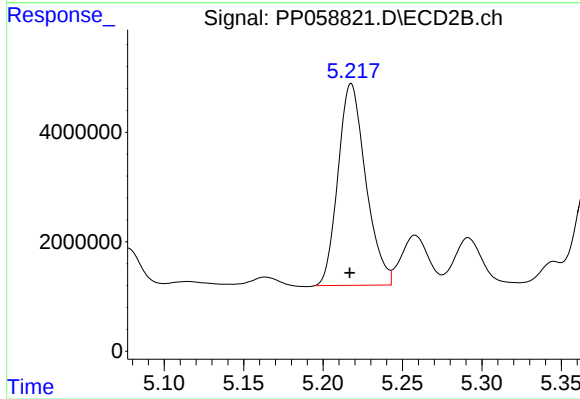
#23 AR-1248-3

R.T.: 5.045 min
Delta R.T.: 0.001 min
Response: 28205834
Conc: 457.51 ng/ml



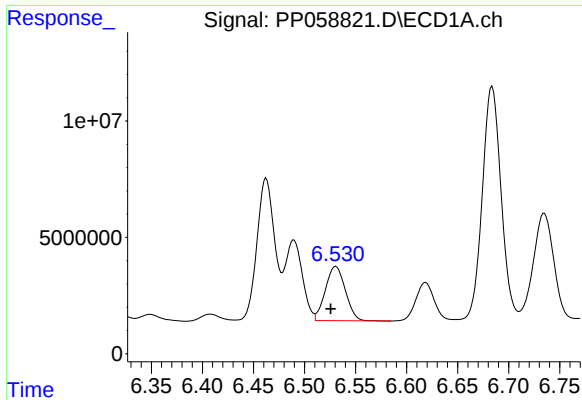
#24 AR-1248-4

R.T.: 6.490 min
Delta R.T.: 0.003 min
Response: 40423331
Conc: 957.66 ng/ml



#24 AR-1248-4

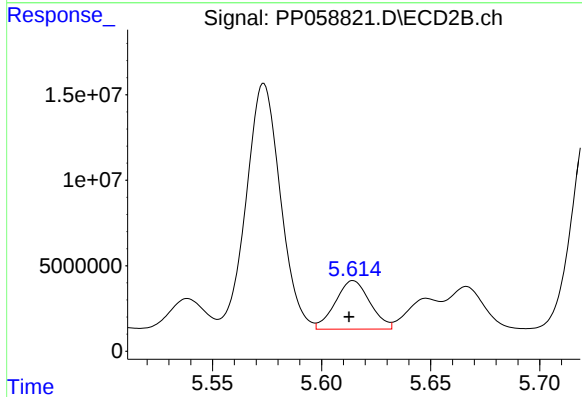
R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 44727057
Conc: 614.09 ng/ml



#25 AR-1248-5

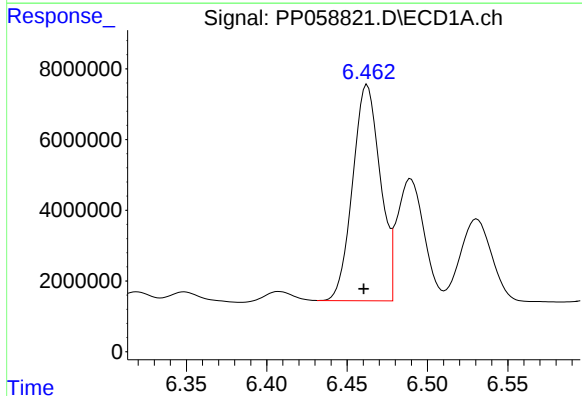
R.T.: 6.531 min
Delta R.T.: 0.005 min
Response: 31794574
Conc: 779.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



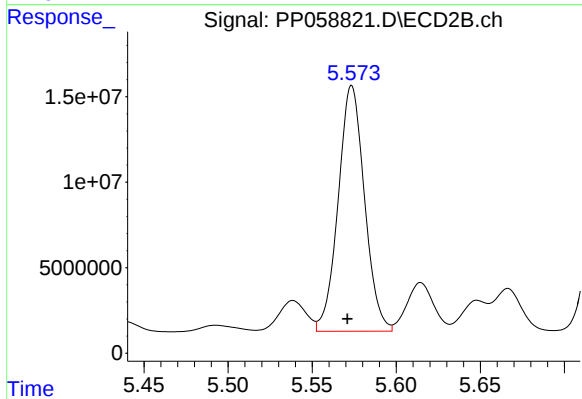
#25 AR-1248-5

R.T.: 5.615 min
Delta R.T.: 0.002 min
Response: 31512922
Conc: 484.44 ng/ml



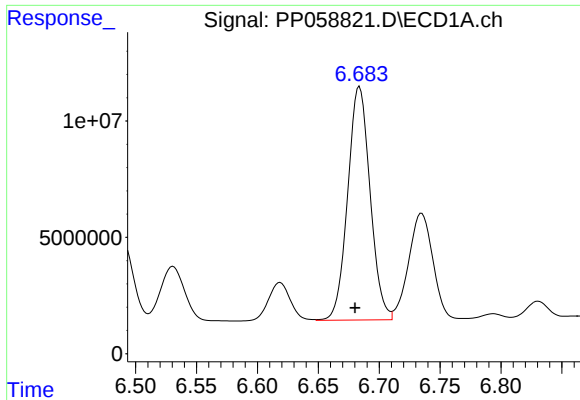
#26 AR-1254-1

R.T.: 6.463 min
Delta R.T.: 0.002 min
Response: 73019338
Conc: 1500.35 ng/ml



#26 AR-1254-1

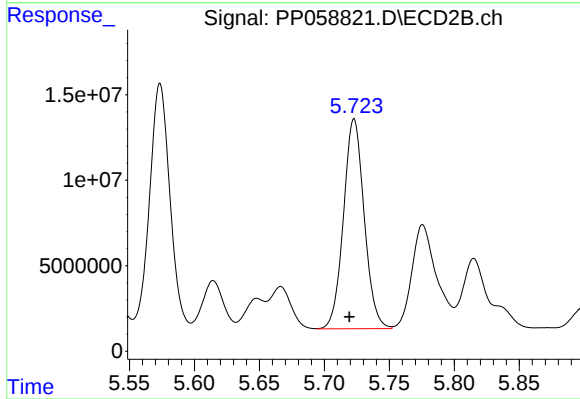
R.T.: 5.574 min
Delta R.T.: 0.003 min
Response: 156790728
Conc: 1433.27 ng/ml



#27 AR-1254-2

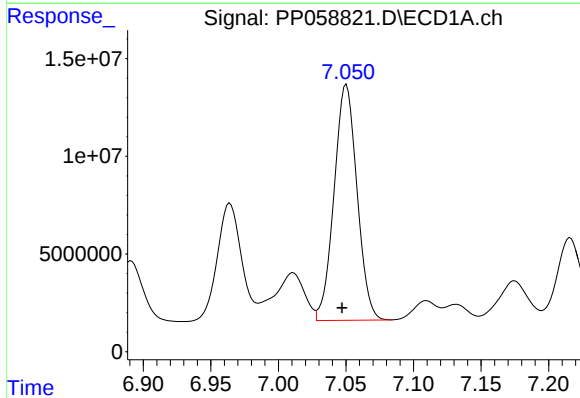
R.T.: 6.684 min
Delta R.T.: 0.004 min
Response: 128512609
Conc: 1797.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



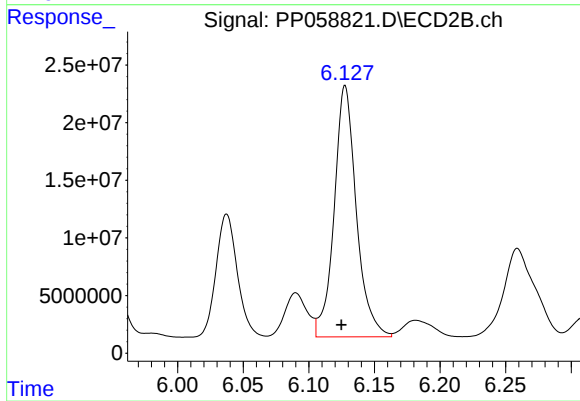
#27 AR-1254-2

R.T.: 5.723 min
Delta R.T.: 0.004 min
Response: 136309595
Conc: 1427.08 ng/ml



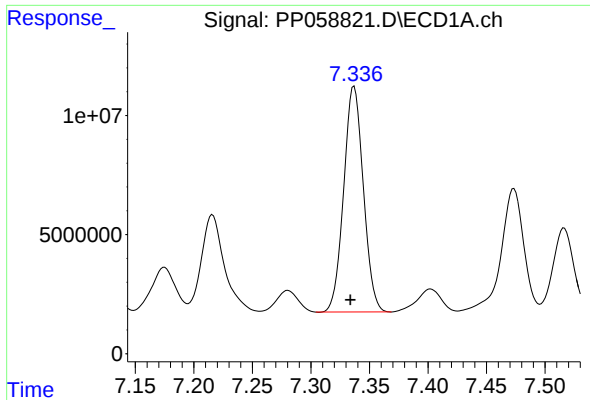
#28 AR-1254-3

R.T.: 7.050 min
Delta R.T.: 0.003 min
Response: 142695023
Conc: 1935.04 ng/ml



#28 AR-1254-3

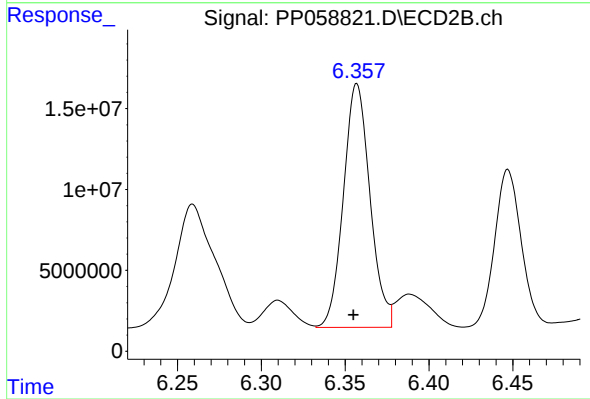
R.T.: 6.128 min
Delta R.T.: 0.003 min
Response: 257072491
Conc: 1707.28 ng/ml



#29 AR-1254-4

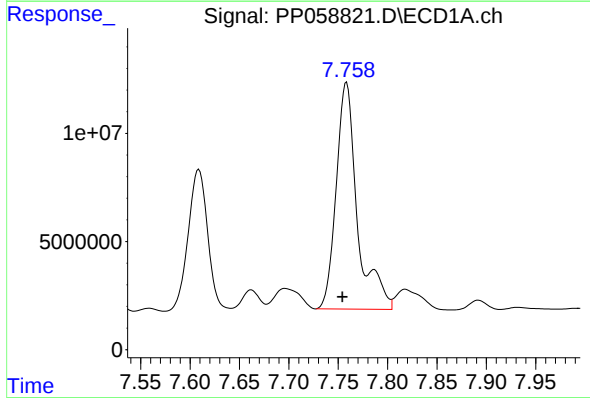
R.T.: 7.337 min
Delta R.T.: 0.003 min
Response: 110601571
Conc: 2259.59 ng/ml

Instrument :
ECD_D
ClientSampleId :



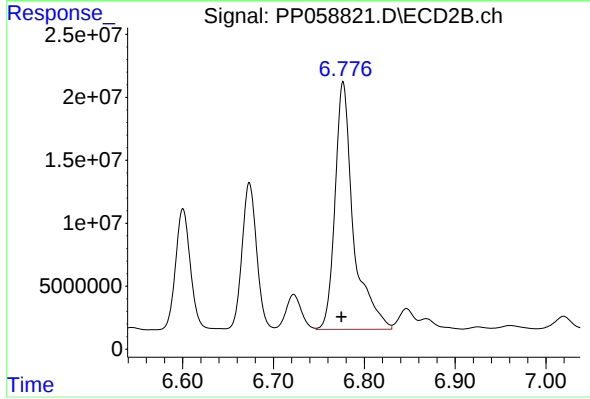
#29 AR-1254-4

R.T.: 6.357 min
Delta R.T.: 0.002 min
Response: 166438934
Conc: 2015.61 ng/ml



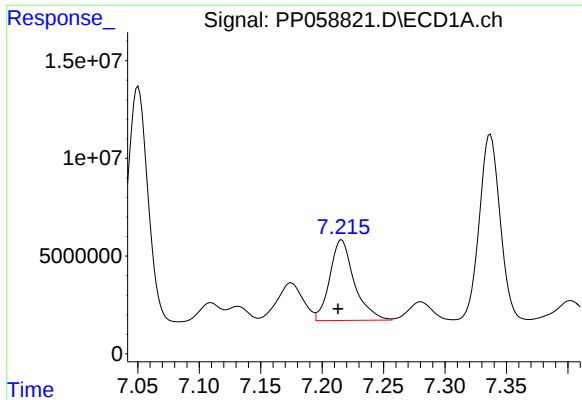
#30 AR-1254-5

R.T.: 7.758 min
Delta R.T.: 0.004 min
Response: 156162912
Conc: 2884.44 ng/ml



#30 AR-1254-5

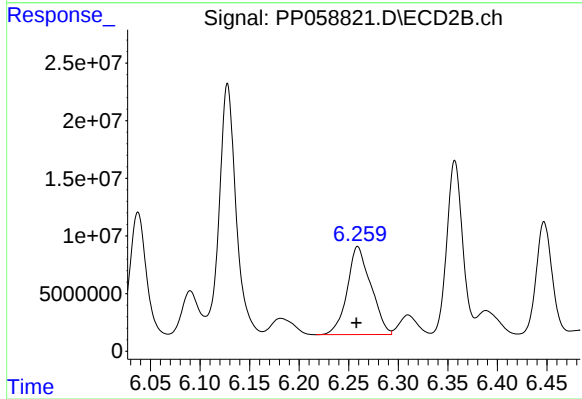
R.T.: 6.777 min
Delta R.T.: 0.002 min
Response: 276588696
Conc: 2159.33 ng/ml



#31 AR-1260-1

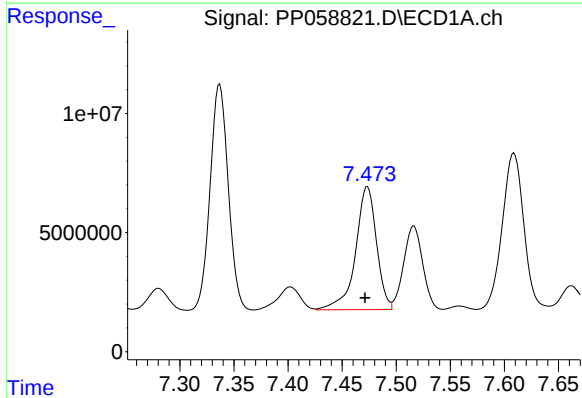
R.T.: 7.216 min
Delta R.T.: 0.003 min
Response: 57279545
Conc: 1005.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



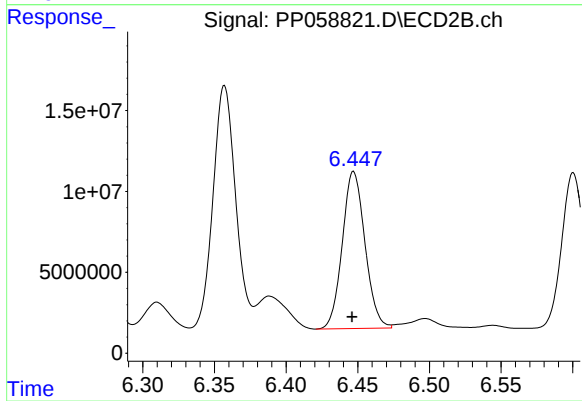
#31 AR-1260-1

R.T.: 6.259 min
Delta R.T.: 0.001 min
Response: 127108577
Conc: 1158.72 ng/ml



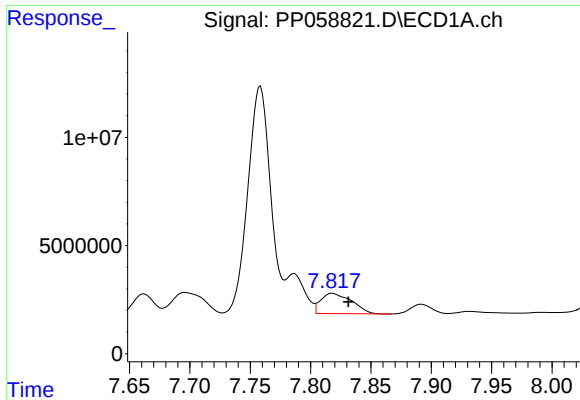
#32 AR-1260-2

R.T.: 7.473 min
Delta R.T.: 0.002 min
Response: 69588941
Conc: 1074.93 ng/ml



#32 AR-1260-2

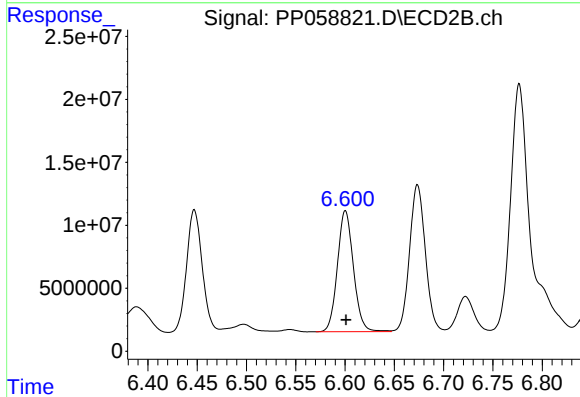
R.T.: 6.447 min
Delta R.T.: 0.001 min
Response: 107035472
Conc: 845.32 ng/ml



#33 AR-1260-3

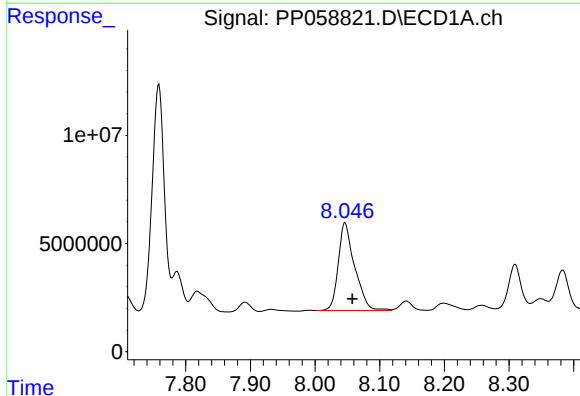
R.T.: 7.818 min
Delta R.T.: -0.013 min
Response: 16733273
Conc: 338.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



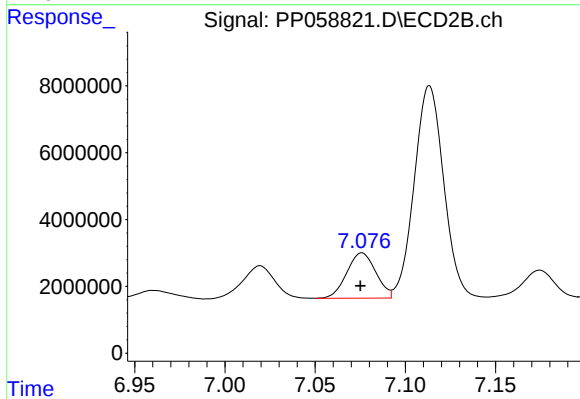
#33 AR-1260-3

R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 109008206
Conc: 899.02 ng/ml



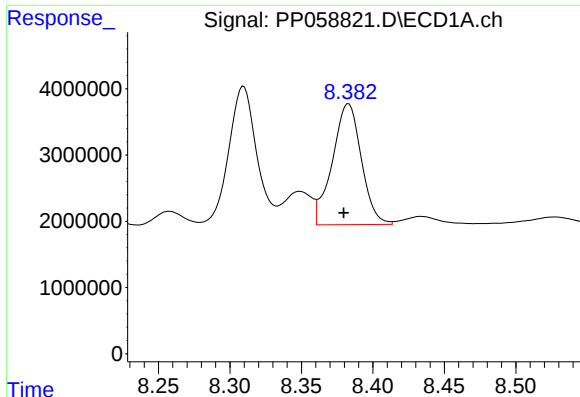
#34 AR-1260-4

R.T.: 8.047 min
Delta R.T.: -0.011 min
Response: 71268188
Conc: 1341.90 ng/ml



#34 AR-1260-4

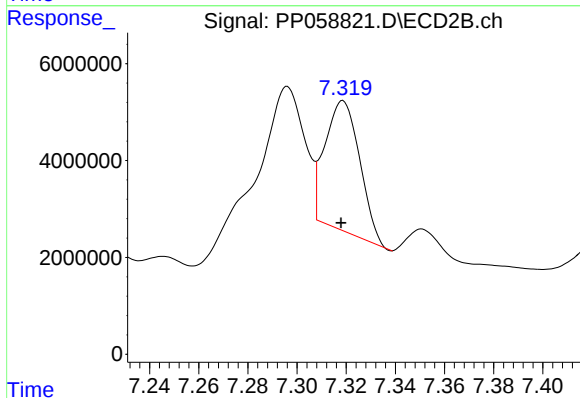
R.T.: 7.076 min
Delta R.T.: 0.000 min
Response: 15263759
Conc: 152.84 ng/ml



#35 AR-1260-5

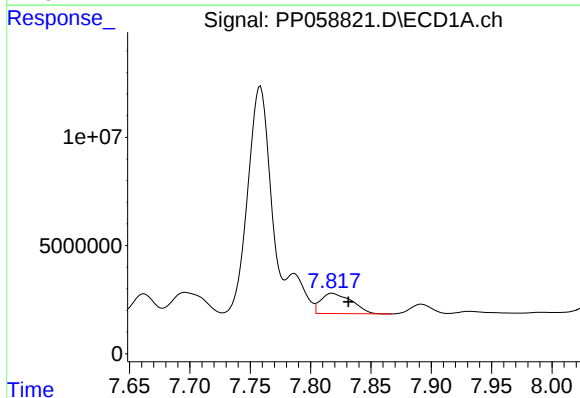
R.T.: 8.383 min
Delta R.T.: 0.003 min
Response: 25793121
Conc: 268.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



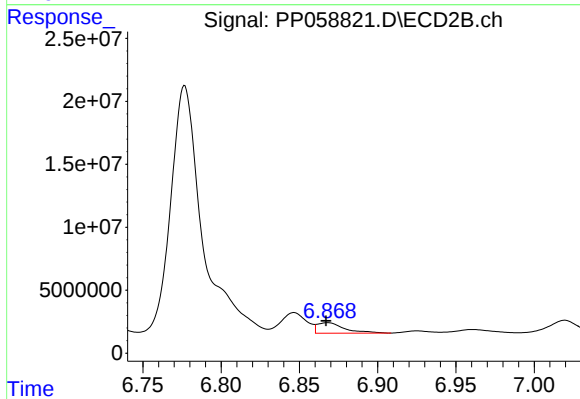
#35 AR-1260-5

R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 26265345
Conc: 127.85 ng/ml



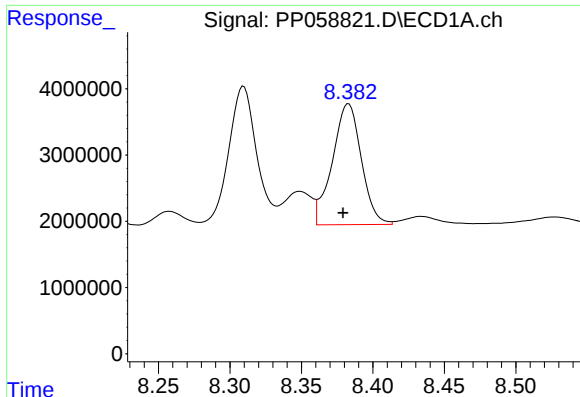
#36 AR-1262-1

R.T.: 7.818 min
Delta R.T.: -0.013 min
Response: 16733273
Conc: 242.13 ng/ml



#36 AR-1262-1

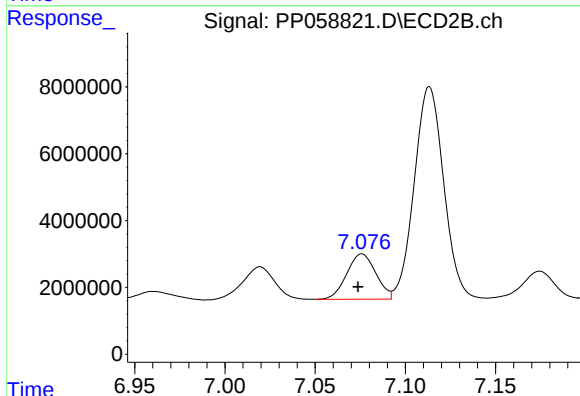
R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 9991270
Conc: 169.00 ng/ml



#37 AR-1262-2

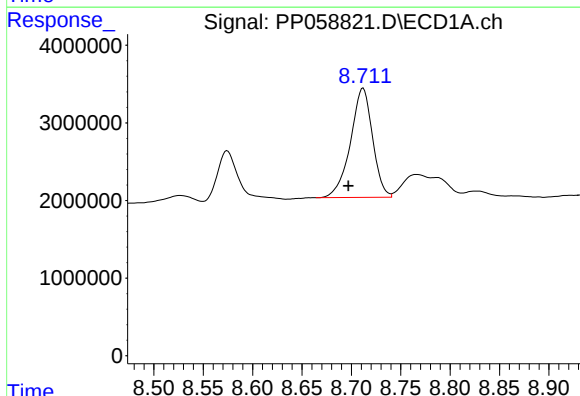
R.T.: 8.383 min
Delta R.T.: 0.004 min
Response: 25793121
Conc: 240.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



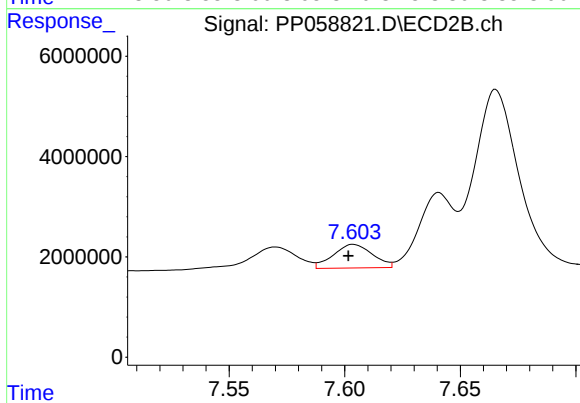
#37 AR-1262-2

R.T.: 7.076 min
Delta R.T.: 0.002 min
Response: 15263759
Conc: 122.36 ng/ml



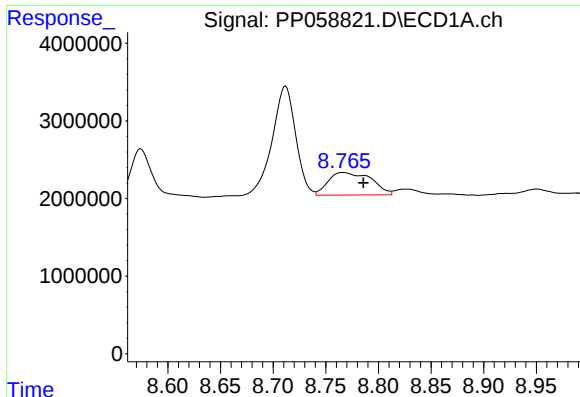
#38 AR-1262-3

R.T.: 8.712 min
Delta R.T.: 0.015 min
Response: 21884714
Conc: 294.68 ng/ml



#38 AR-1262-3

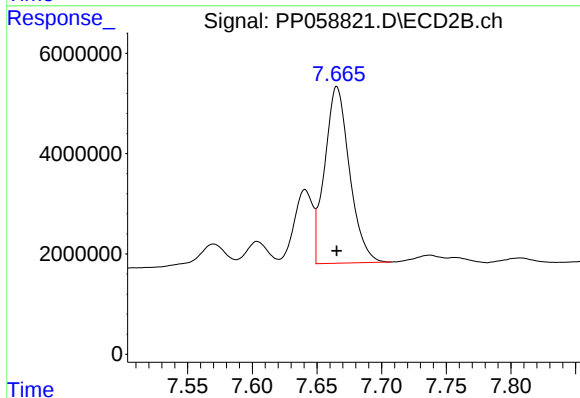
R.T.: 7.604 min
Delta R.T.: 0.002 min
Response: 5567100
Conc: 58.77 ng/ml



#39 AR-1262-4

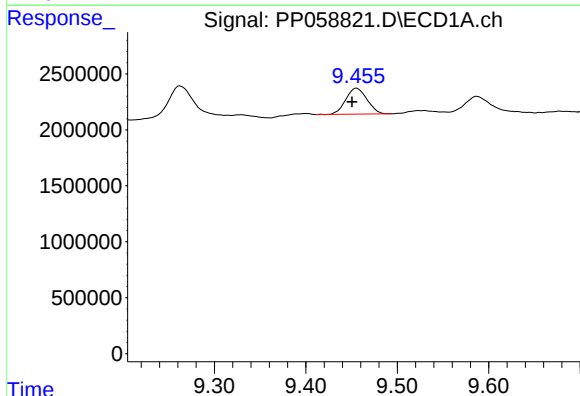
R.T.: 8.766 min
Delta R.T.: -0.020 min
Response: 8240730
Conc: 141.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



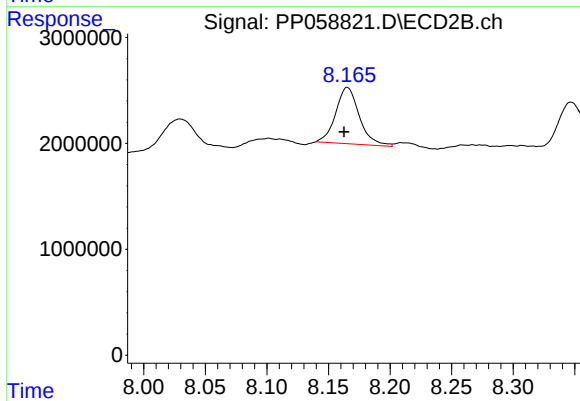
#39 AR-1262-4

R.T.: 7.665 min
Delta R.T.: 0.000 min
Response: 47007892
Conc: 282.73 ng/ml



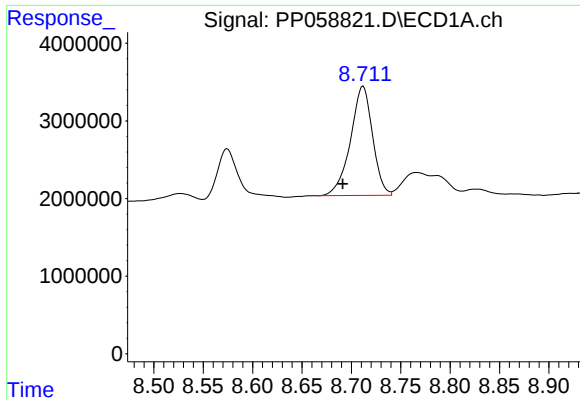
#40 AR-1262-5

R.T.: 9.455 min
Delta R.T.: 0.005 min
Response: 3729492
Conc: 102.55 ng/ml



#40 AR-1262-5

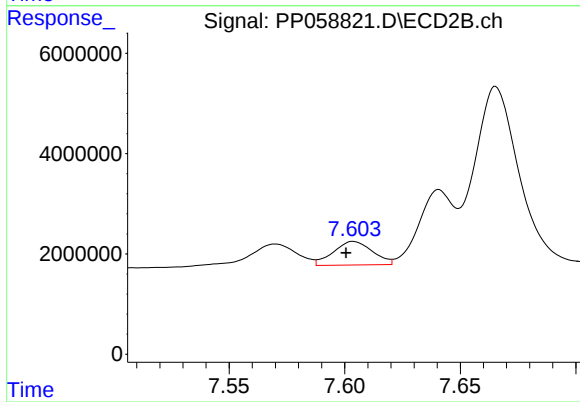
R.T.: 8.165 min
Delta R.T.: 0.003 min
Response: 7064797
Conc: 100.36 ng/ml



#41 AR-1268-1

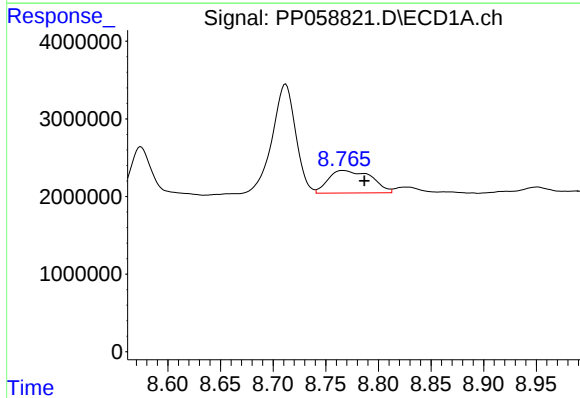
R.T.: 8.712 min
Delta R.T.: 0.020 min
Response: 21884714
Conc: 169.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



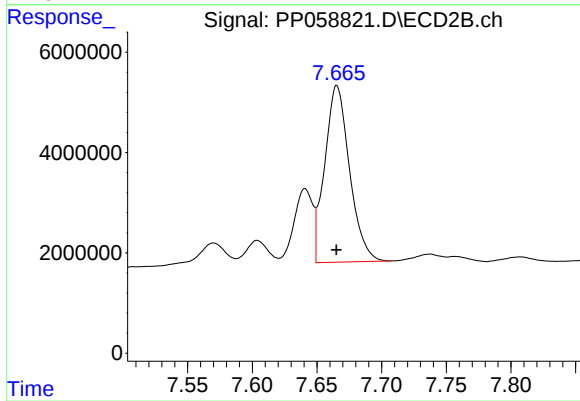
#41 AR-1268-1

R.T.: 7.604 min
Delta R.T.: 0.003 min
Response: 5567100
Conc: 19.97 ng/ml



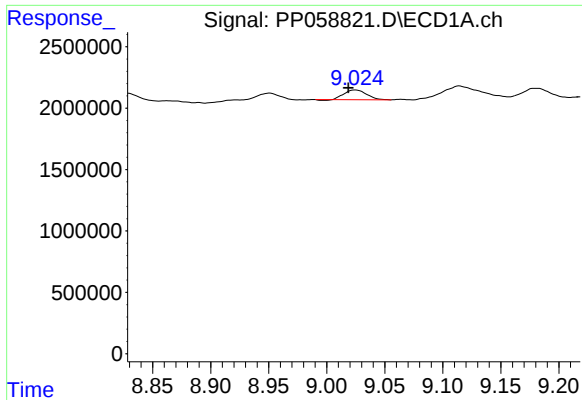
#42 AR-1268-2

R.T.: 8.766 min
Delta R.T.: -0.020 min
Response: 8240730
Conc: 70.13 ng/ml



#42 AR-1268-2

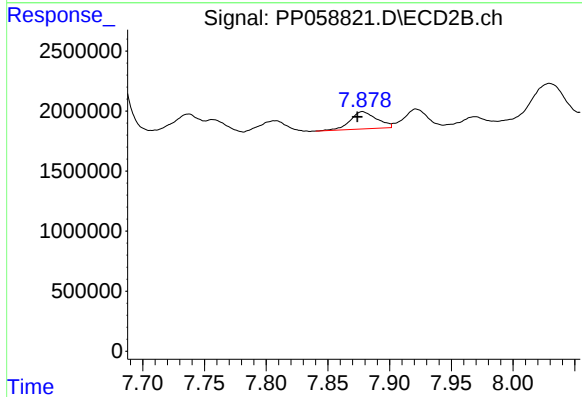
R.T.: 7.665 min
Delta R.T.: 0.000 min
Response: 47007892
Conc: 190.31 ng/ml



#43 AR-1268-3

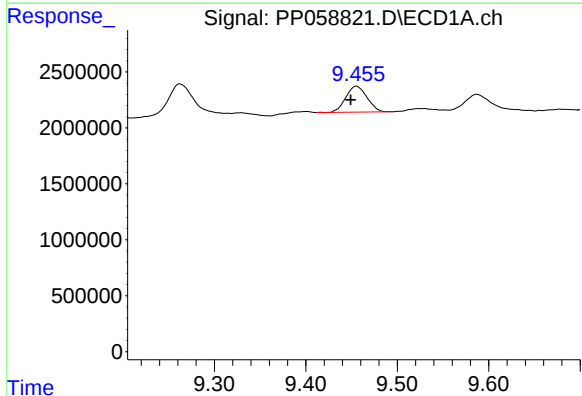
R.T.: 9.025 min
Delta R.T.: 0.006 min
Response: 1045010
Conc: 10.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



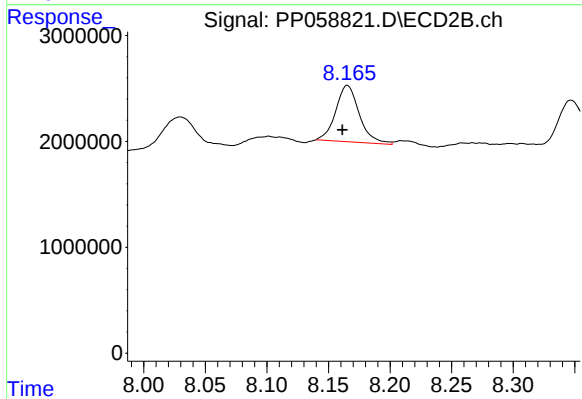
#43 AR-1268-3

R.T.: 7.878 min
Delta R.T.: 0.004 min
Response: 2134825
Conc: 9.62 ng/ml



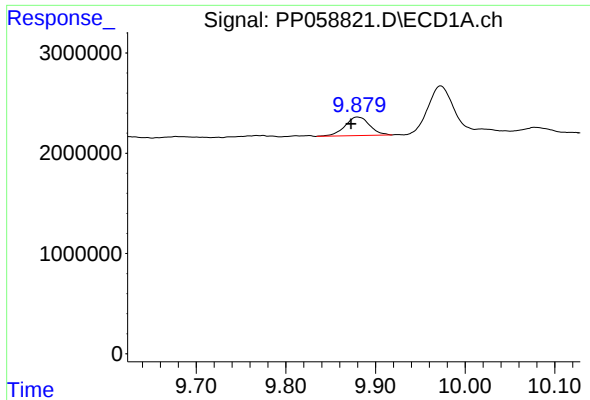
#44 AR-1268-4

R.T.: 9.455 min
Delta R.T.: 0.006 min
Response: 3729492
Conc: 96.83 ng/ml



#44 AR-1268-4

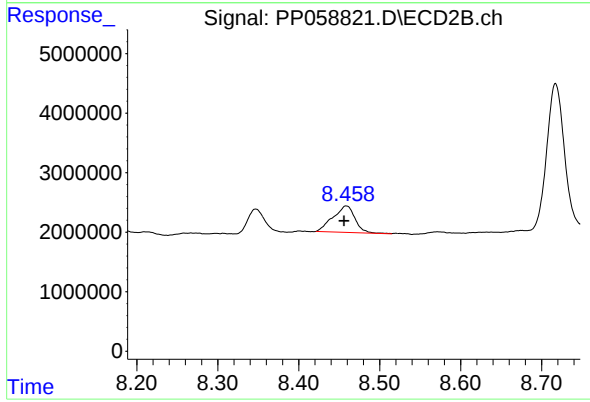
R.T.: 8.165 min
Delta R.T.: 0.004 min
Response: 7064797
Conc: 90.43 ng/ml



#45 AR-1268-5

R.T.: 9.880 min
Delta R.T.: 0.007 min
Response: 3543032
Conc: 10.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



#45 AR-1268-5

R.T.: 8.459 min
Delta R.T.: 0.003 min
Response: 8317413
Conc: 13.07 ng/ml