

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072823\
 Data File : PP059056.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2023 14:10
 Operator : YP\AJ
 Sample : PB154492BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 23:01:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP072123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 22 02:26:24 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...	4.425	3.663	29087082	43198563	21.128	22.463
2)	SA Decachlor...	10.220	8.703	23819777	39320611	27.650	27.790
Target Compounds							
3)	L1 AR-1016-1	5.600	4.757	22882723	33979143	524.040	591.182
4)	L1 AR-1016-2	5.623	4.775	32764477	49978541	526.211	607.669
5)	L1 AR-1016-3	5.686	4.952	21004002	25819488	524.601	587.139
6)	L1 AR-1016-4	5.784	4.995	17035581	21823249	527.830	561.217
7)	L1 AR-1016-5	6.081	5.208	17604296	27586540	516.170	557.682
8)	L2 AR-1221-1	4.629	3.878	2385469	3300268	134.137	139.832
9)	L2 AR-1221-2	4.721	3.965	2947607	4284659	224.859	240.243
10)	L2 AR-1221-3	4.798	4.041	12637880	19500287	325.853	353.452
11)	L3 AR-1232-1	4.798	4.041	12637880	19500287	393.000	429.569
12)	L3 AR-1232-2	5.331	4.775	17613515	49978541	972.627	1294.392 #
13)	L3 AR-1232-3	5.623	4.952	32764477	25819488	1105.849	1242.749
14)	L3 AR-1232-4	5.784	5.037	17035581	26353130	1134.930	1302.162
15)	L3 AR-1232-5	5.876	5.208	15289789	27586540	1180.332	1233.906
16)	L4 AR-1242-1	5.600	4.757	22882723	33979143	605.337	683.645
17)	L4 AR-1242-2	5.623	4.775	32764477	49978541	608.474	701.106
18)	L4 AR-1242-3	5.686	4.952	21004002	25819488	606.470	680.948
19)	L4 AR-1242-4	5.784	5.037	17035581	26353130	605.146	654.685
20)	L4 AR-1242-5	6.525	5.563	2295784	21840887	80.898	453.697 #
21)	L5 AR-1248-1	5.600	4.757	22882723	33979143	826.945	943.279
22)	L5 AR-1248-2	5.876	4.995	15289789	21823249	355.650	385.087
23)	L5 AR-1248-3	6.081	5.037	17604296	26353130	375.676	460.120
24)	L5 AR-1248-4	6.485	5.208	2375112	27586540	50.226	405.873 #
25)	L5 AR-1248-5	6.525	5.604	2295784	3098177	50.092	50.841
26)	L6 AR-1254-1	6.460	5.563	13762466	21840887	259.461	215.972
27)	L6 AR-1254-2	6.679	5.711	14412990	20933527	184.089	242.128 #
28)	L6 AR-1254-3	7.046	6.132	7503319	37371239	95.739	272.019 #
29)	L6 AR-1254-4	7.333	6.346	4454668	3628966	85.317	45.418 #
30)	L6 AR-1254-5	7.753	6.765	38272779	70926980	711.777	589.162
31)	L7 AR-1260-1	7.212	6.247	29460236	53007763	507.978	535.573
32)	L7 AR-1260-2	7.470	6.436	32402117	63280456	534.746	556.591
33)	L7 AR-1260-3	7.830	6.590	21319484	58565863	481.535	535.103
34)	L7 AR-1260-4	8.056	7.063	26434129	42028860	535.953	494.268
35)	L7 AR-1260-5	8.378	7.307	47568347	89509782	533.516	527.831
36)	L8 AR-1262-1	7.830	6.857	21319484	24400473	312.444	446.498 #
37)	L8 AR-1262-2	8.378	7.063	47568347	42028860	433.984	364.466
38)	L8 AR-1262-3	8.706	7.591	31952066	17299821	407.671	196.565 #
39)	L8 AR-1262-4	8.784	7.654	7048863	66871899	116.590	424.802 #
40)	L8 AR-1262-5	9.450	8.152	11859551	18855995	305.323	276.683
41)	L9 AR-1268-1	8.706	7.591	31952066	17299821	238.542	71.352 #

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 ALS Vial : 12 Sample Multiplier: 1

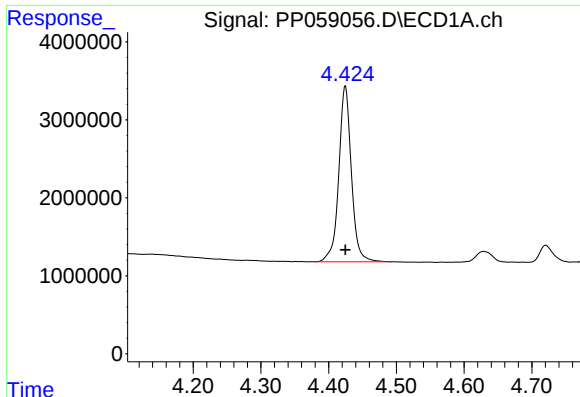
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 23:01:07 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	8.784	7.654	7048863	66871899	59.204	301.476 #
43) L9	AR-1268-3	9.019	7.863	888231	1555752	8.302	7.634
44) L9	AR-1268-4	9.450	8.152	11859551	18855995	285.279	255.049
45) L9	AR-1268-5	9.874	8.446	3992740	6944360	12.469	12.610

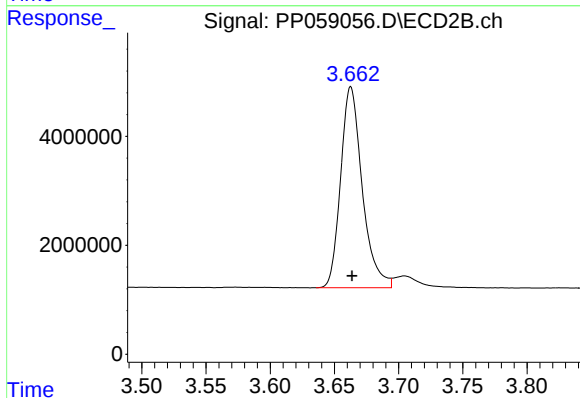
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

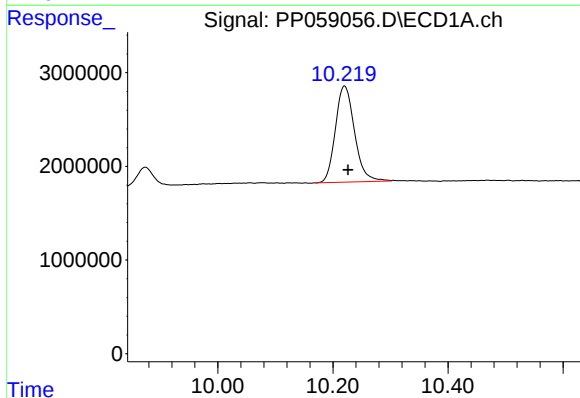
R.T.: 4.425 min
Delta R.T.: 0.000 min
Response: 29087082
Conc: 21.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



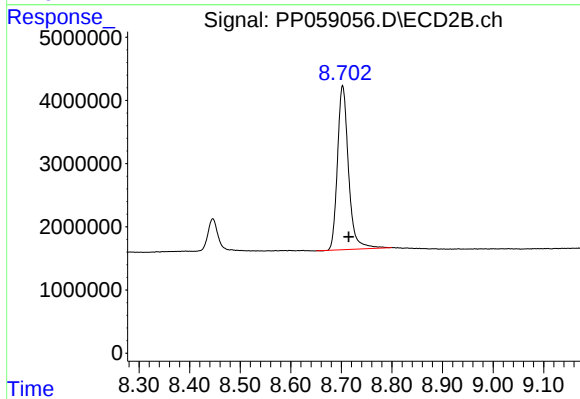
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: -0.001 min
Response: 43198563
Conc: 22.46 ng/ml



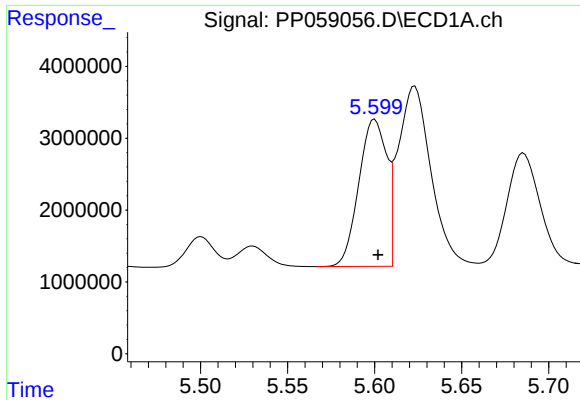
#2 Decachlorobiphenyl

R.T.: 10.220 min
Delta R.T.: -0.006 min
Response: 23819777
Conc: 27.65 ng/ml



#2 Decachlorobiphenyl

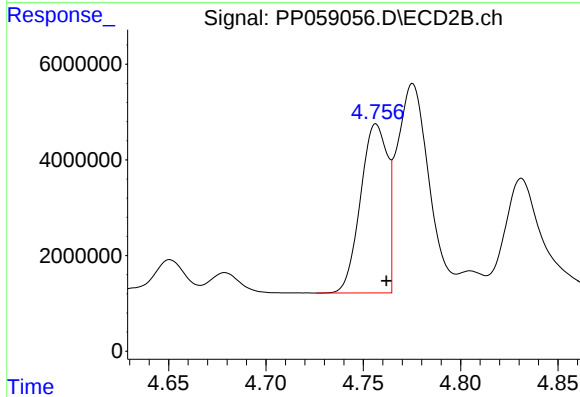
R.T.: 8.703 min
Delta R.T.: -0.012 min
Response: 39320611
Conc: 27.79 ng/ml



#3 AR-1016-1

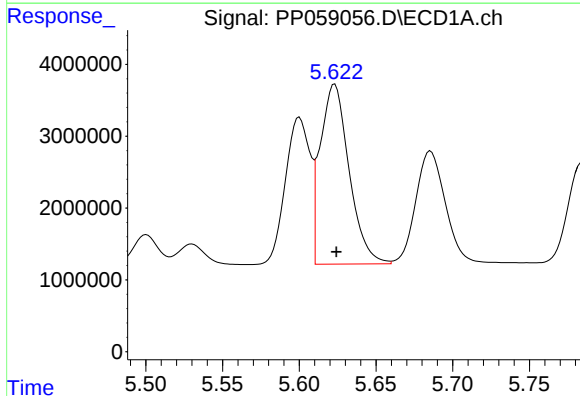
R.T.: 5.600 min
Delta R.T.: -0.002 min
Response: 22882723
Conc: 524.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



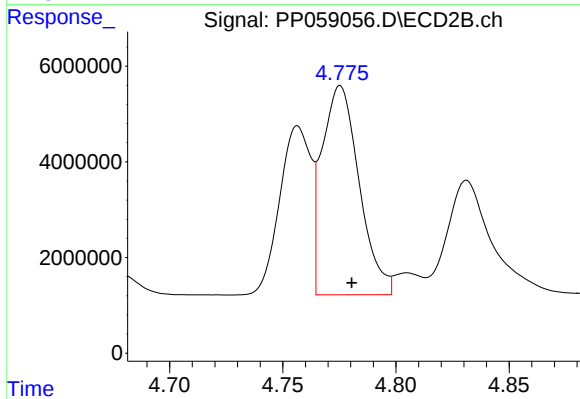
#3 AR-1016-1

R.T.: 4.757 min
Delta R.T.: -0.005 min
Response: 33979143
Conc: 591.18 ng/ml



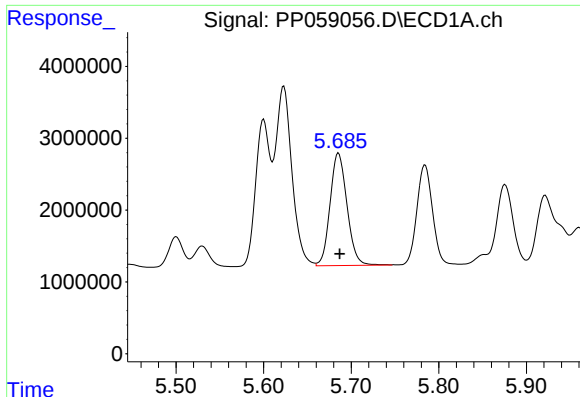
#4 AR-1016-2

R.T.: 5.623 min
Delta R.T.: -0.001 min
Response: 32764477
Conc: 526.21 ng/ml



#4 AR-1016-2

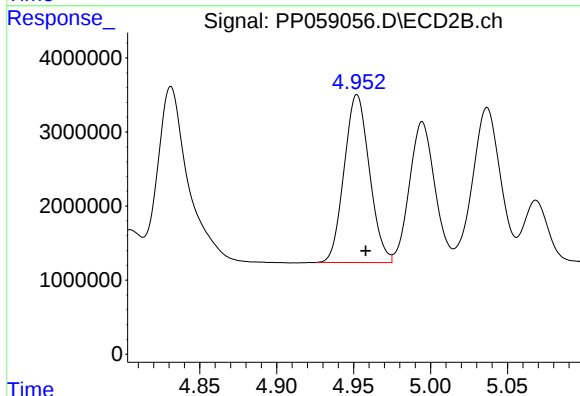
R.T.: 4.775 min
Delta R.T.: -0.005 min
Response: 49978541
Conc: 607.67 ng/ml



#5 AR-1016-3

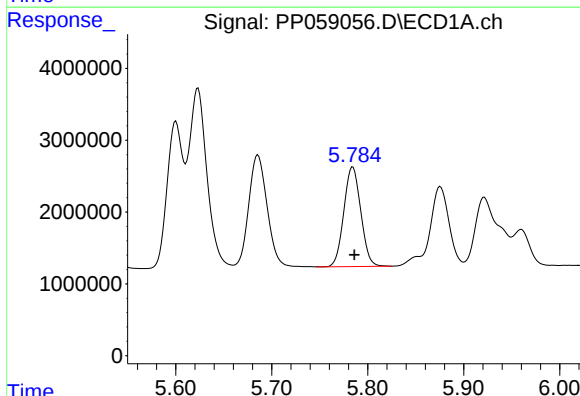
R.T.: 5.686 min
Delta R.T.: -0.001 min
Response: 21004002
Conc: 524.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



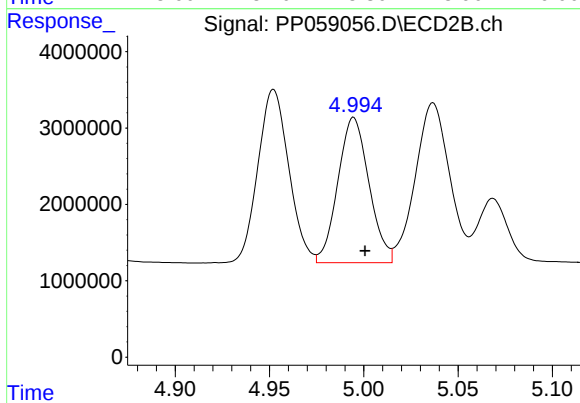
#5 AR-1016-3

R.T.: 4.952 min
Delta R.T.: -0.006 min
Response: 25819488
Conc: 587.14 ng/ml



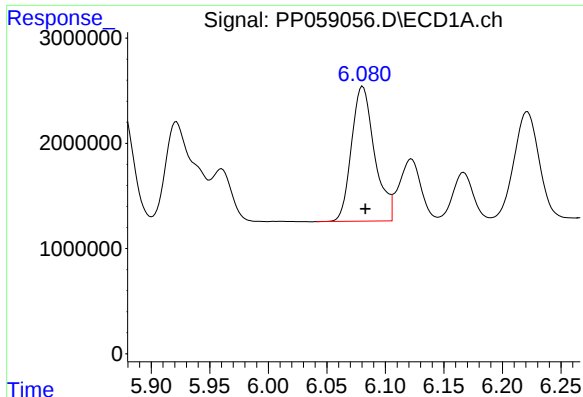
#6 AR-1016-4

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 17035581
Conc: 527.83 ng/ml



#6 AR-1016-4

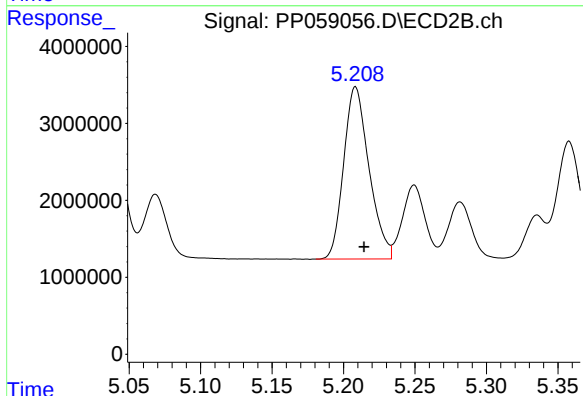
R.T.: 4.995 min
Delta R.T.: -0.006 min
Response: 21823249
Conc: 561.22 ng/ml



#7 AR-1016-5

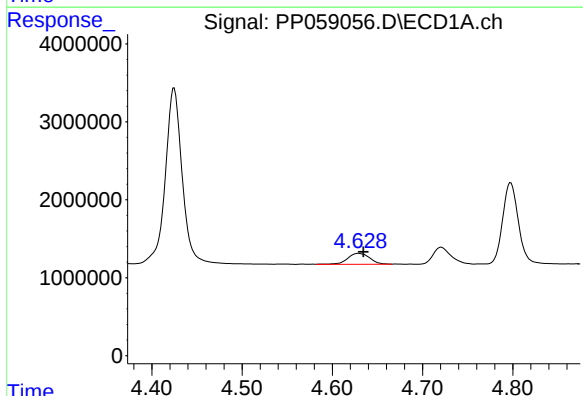
R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 17604296
Conc: 516.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



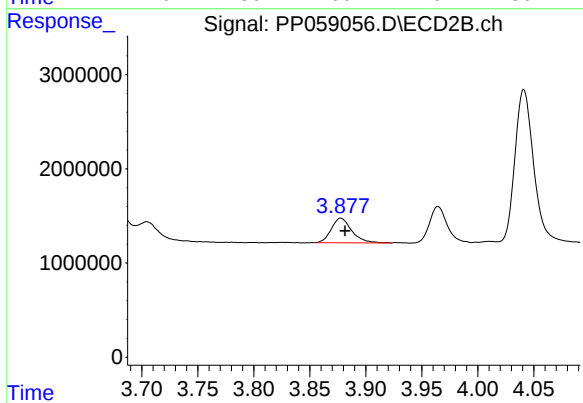
#7 AR-1016-5

R.T.: 5.208 min
Delta R.T.: -0.006 min
Response: 27586540
Conc: 557.68 ng/ml



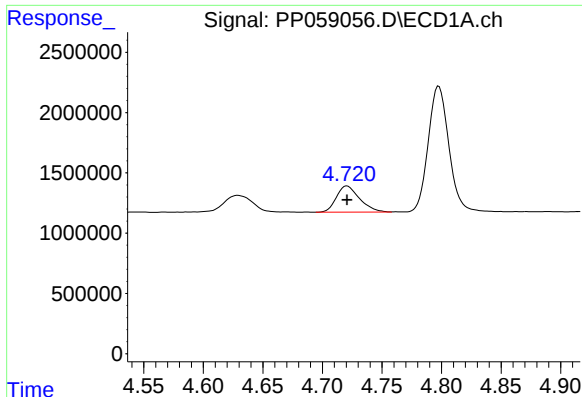
#8 AR-1221-1

R.T.: 4.629 min
Delta R.T.: -0.005 min
Response: 2385469
Conc: 134.14 ng/ml



#8 AR-1221-1

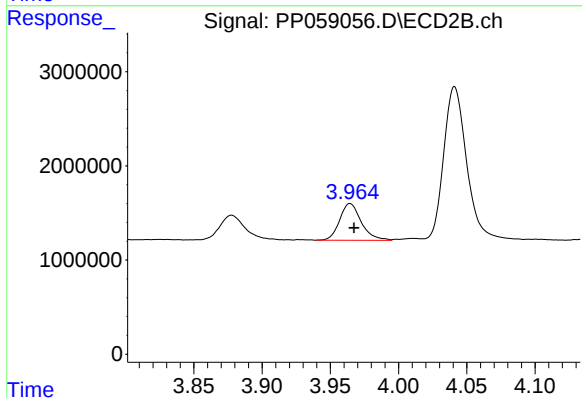
R.T.: 3.878 min
Delta R.T.: -0.004 min
Response: 3300268
Conc: 139.83 ng/ml



#9 AR-1221-2

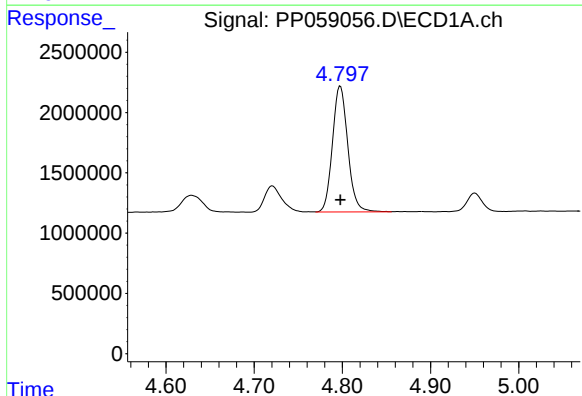
R.T.: 4.721 min
Delta R.T.: 0.000 min
Response: 2947607
Conc: 224.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



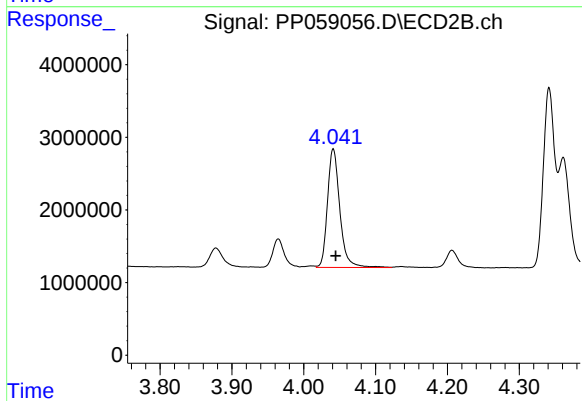
#9 AR-1221-2

R.T.: 3.965 min
Delta R.T.: -0.003 min
Response: 4284659
Conc: 240.24 ng/ml



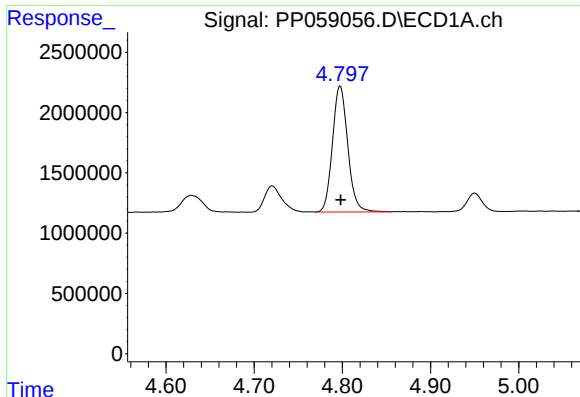
#10 AR-1221-3

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 12637880
Conc: 325.85 ng/ml



#10 AR-1221-3

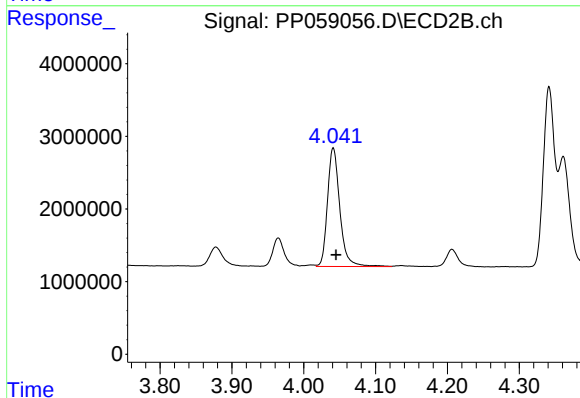
R.T.: 4.041 min
Delta R.T.: -0.003 min
Response: 19500287
Conc: 353.45 ng/ml



#11 AR-1232-1

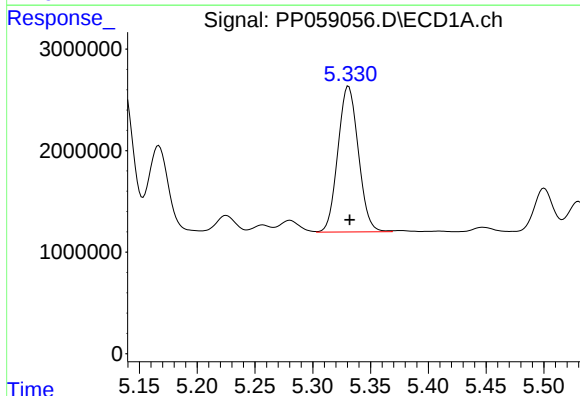
R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 12637880
Conc: 393.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



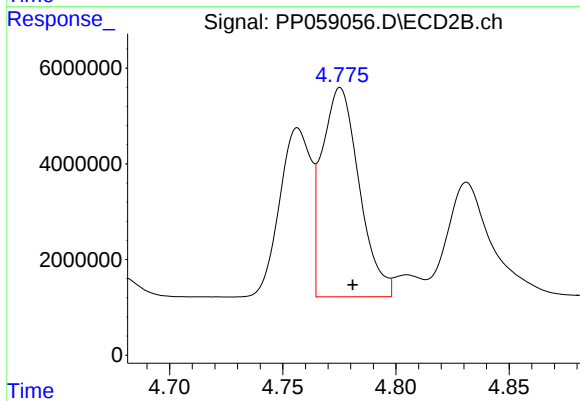
#11 AR-1232-1

R.T.: 4.041 min
Delta R.T.: -0.004 min
Response: 19500287
Conc: 429.57 ng/ml



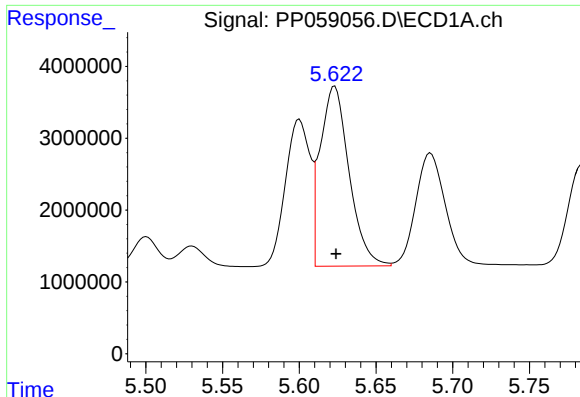
#12 AR-1232-2

R.T.: 5.331 min
Delta R.T.: -0.001 min
Response: 17613515
Conc: 972.63 ng/ml



#12 AR-1232-2

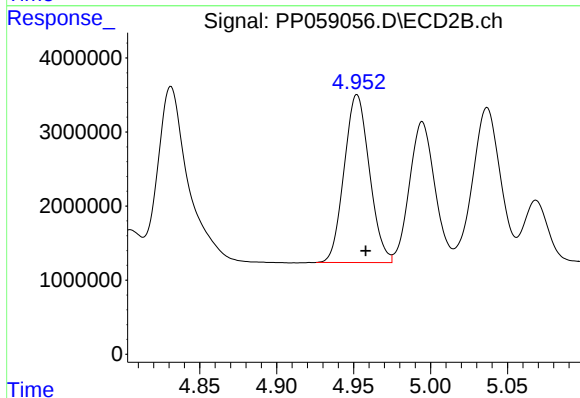
R.T.: 4.775 min
Delta R.T.: -0.005 min
Response: 49978541
Conc: 1294.39 ng/ml



#13 AR-1232-3

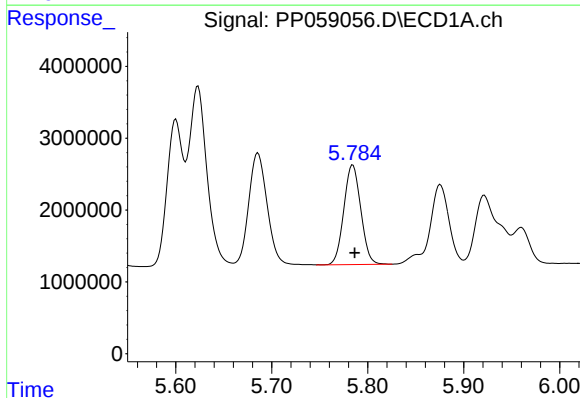
R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 32764477
Conc: 1105.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



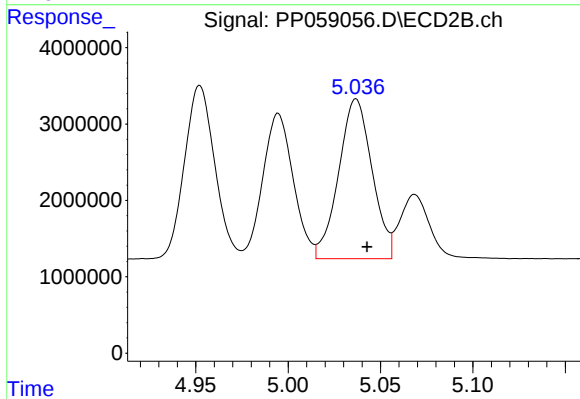
#13 AR-1232-3

R.T.: 4.952 min
Delta R.T.: -0.006 min
Response: 25819488
Conc: 1242.75 ng/ml



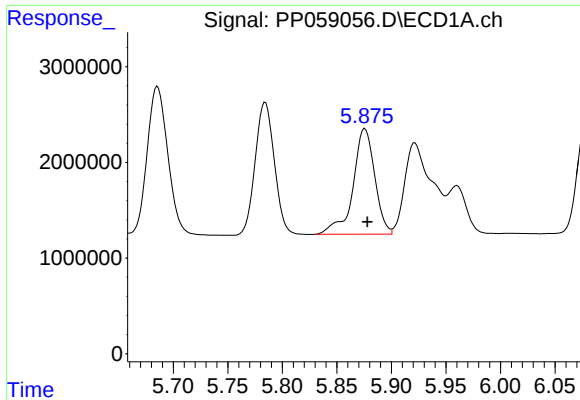
#14 AR-1232-4

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 17035581
Conc: 1134.93 ng/ml



#14 AR-1232-4

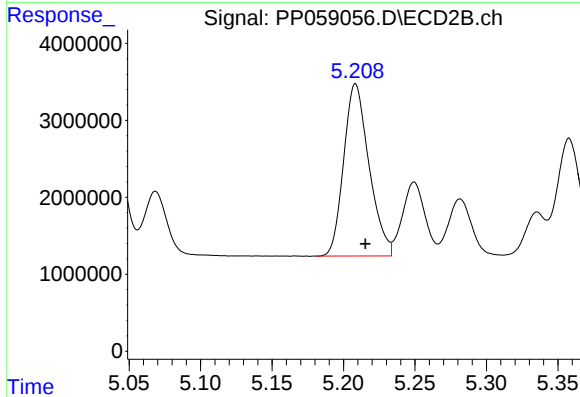
R.T.: 5.037 min
Delta R.T.: -0.006 min
Response: 26353130
Conc: 1302.16 ng/ml



#15 AR-1232-5

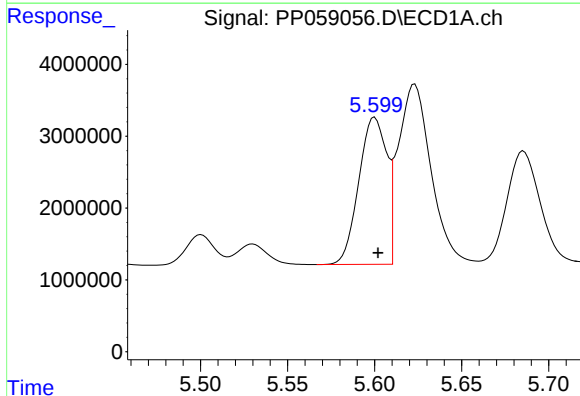
R.T.: 5.876 min
Delta R.T.: -0.002 min
Response: 15289789
Conc: 1180.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



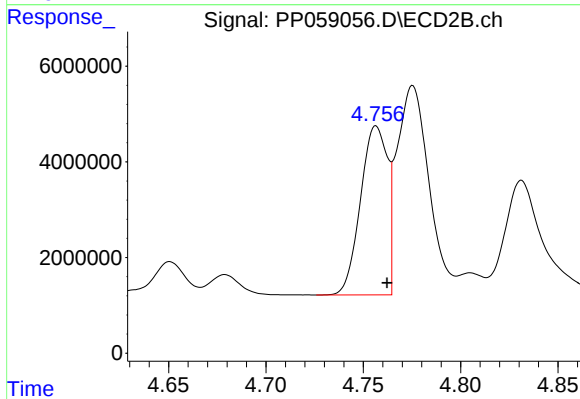
#15 AR-1232-5

R.T.: 5.208 min
Delta R.T.: -0.007 min
Response: 27586540
Conc: 1233.91 ng/ml



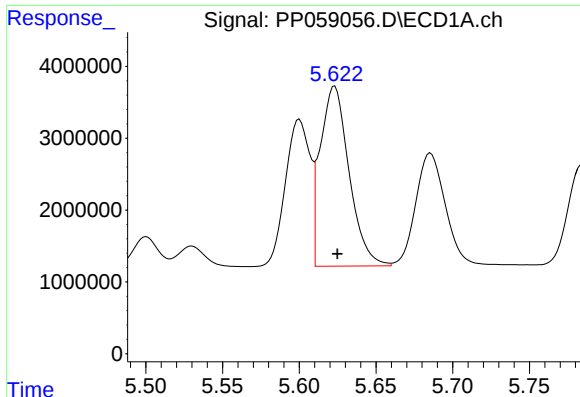
#16 AR-1242-1

R.T.: 5.600 min
Delta R.T.: -0.002 min
Response: 22882723
Conc: 605.34 ng/ml



#16 AR-1242-1

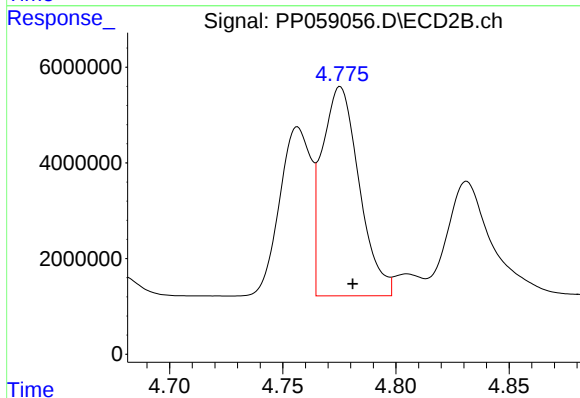
R.T.: 4.757 min
Delta R.T.: -0.006 min
Response: 33979143
Conc: 683.64 ng/ml



#17 AR-1242-2

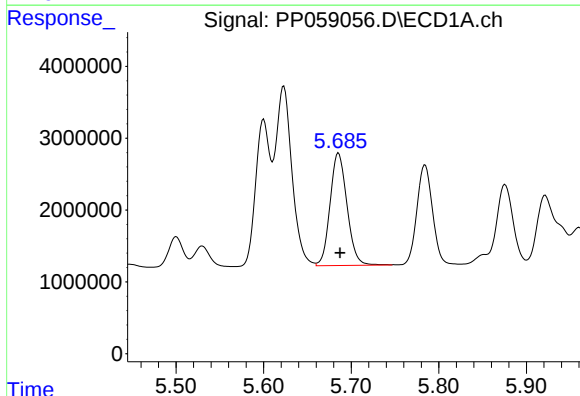
R.T.: 5.623 min
Delta R.T.: -0.002 min
Response: 32764477
Conc: 608.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



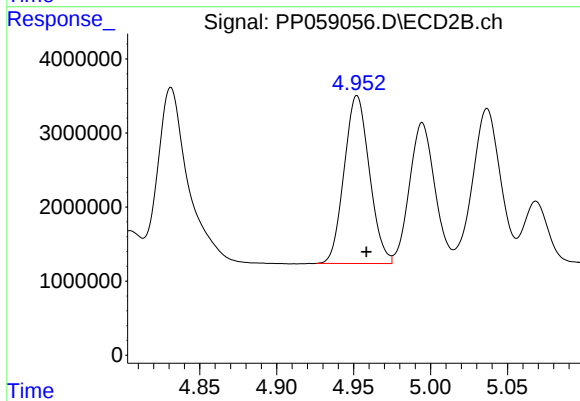
#17 AR-1242-2

R.T.: 4.775 min
Delta R.T.: -0.006 min
Response: 49978541
Conc: 701.11 ng/ml



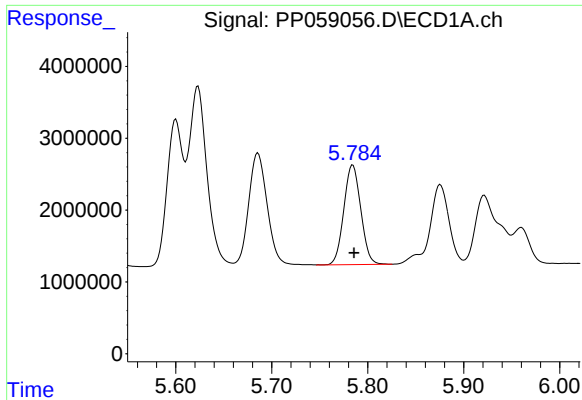
#18 AR-1242-3

R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 21004002
Conc: 606.47 ng/ml



#18 AR-1242-3

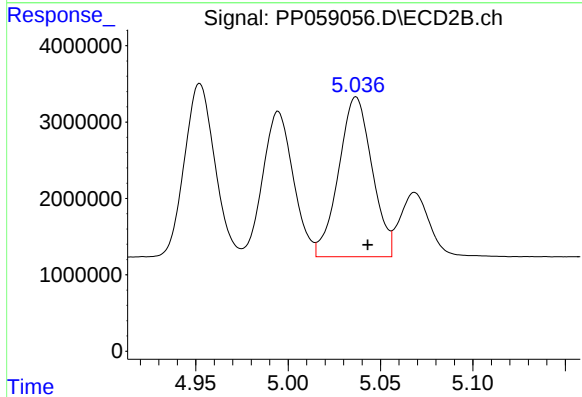
R.T.: 4.952 min
Delta R.T.: -0.006 min
Response: 25819488
Conc: 680.95 ng/ml



#19 AR-1242-4

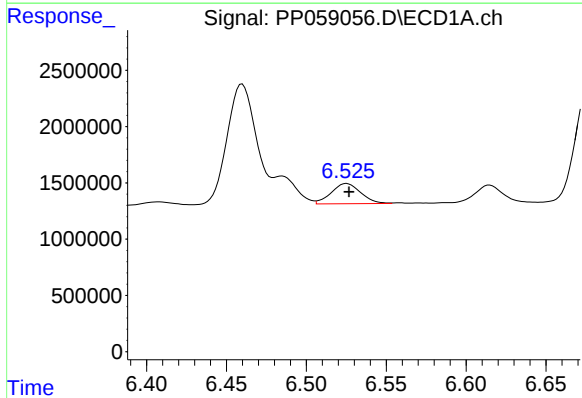
R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 17035581
Conc: 605.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



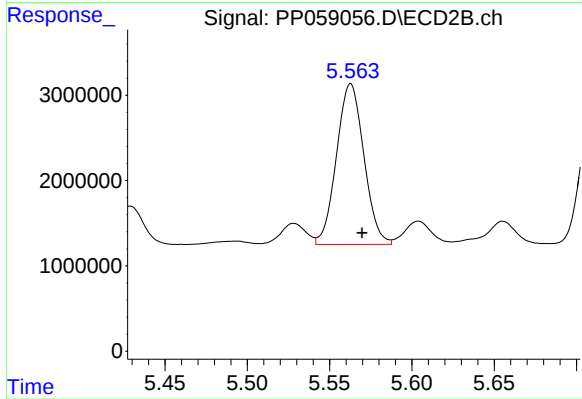
#19 AR-1242-4

R.T.: 5.037 min
Delta R.T.: -0.006 min
Response: 26353130
Conc: 654.69 ng/ml



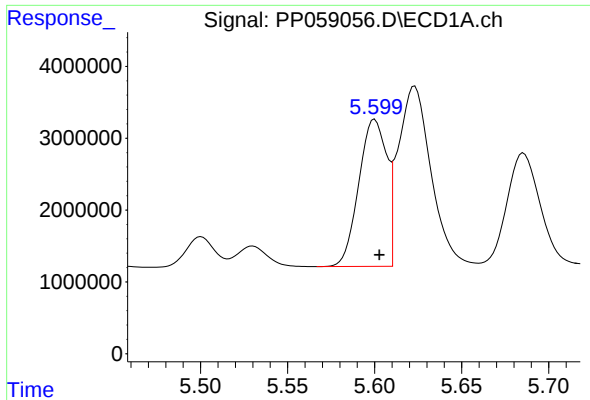
#20 AR-1242-5

R.T.: 6.525 min
Delta R.T.: -0.002 min
Response: 2295784
Conc: 80.90 ng/ml



#20 AR-1242-5

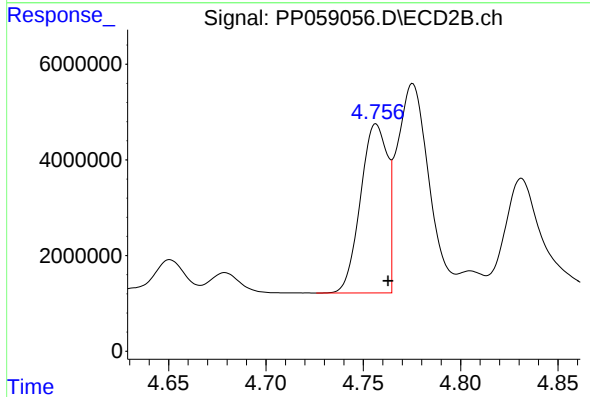
R.T.: 5.563 min
Delta R.T.: -0.007 min
Response: 21840887
Conc: 453.70 ng/ml



#21 AR-1248-1

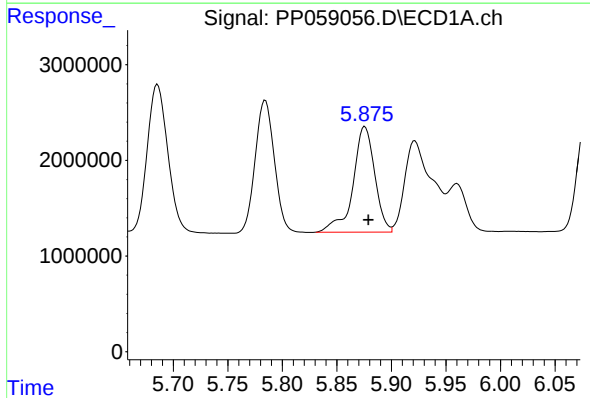
R.T.: 5.600 min
Delta R.T.: -0.003 min
Response: 22882723
Conc: 826.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



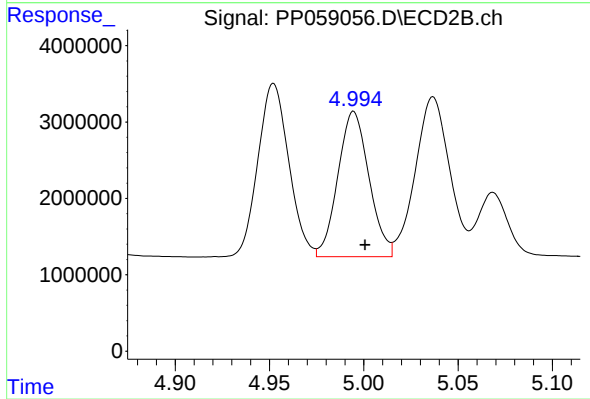
#21 AR-1248-1

R.T.: 4.757 min
Delta R.T.: -0.006 min
Response: 33979143
Conc: 943.28 ng/ml



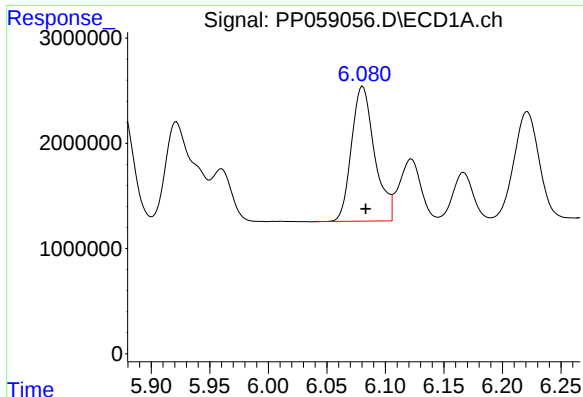
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: -0.003 min
Response: 15289789
Conc: 355.65 ng/ml



#22 AR-1248-2

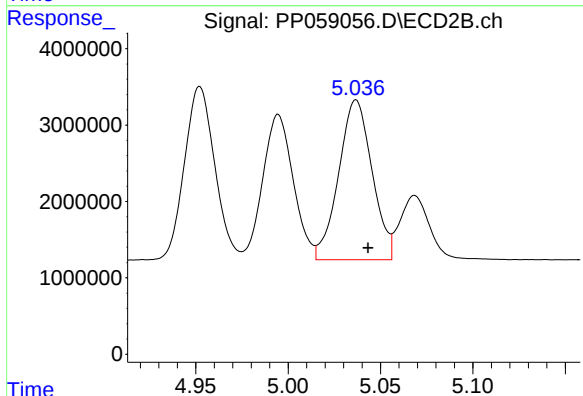
R.T.: 4.995 min
Delta R.T.: -0.006 min
Response: 21823249
Conc: 385.09 ng/ml



#23 AR-1248-3

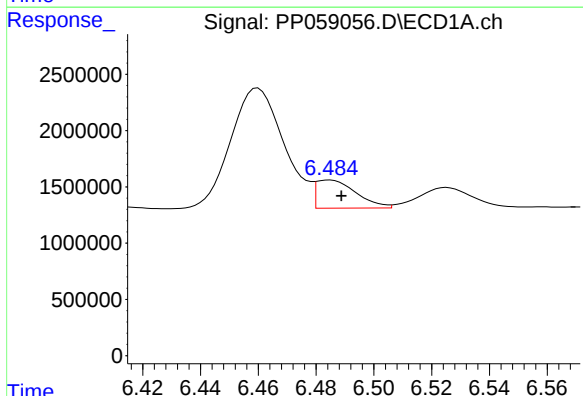
R.T.: 6.081 min
Delta R.T.: -0.003 min
Response: 17604296
Conc: 375.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



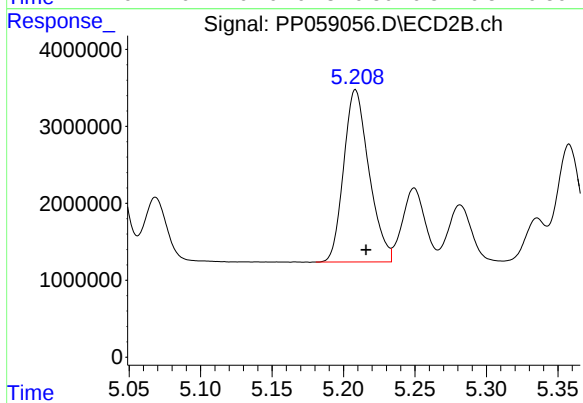
#23 AR-1248-3

R.T.: 5.037 min
Delta R.T.: -0.006 min
Response: 26353130
Conc: 460.12 ng/ml



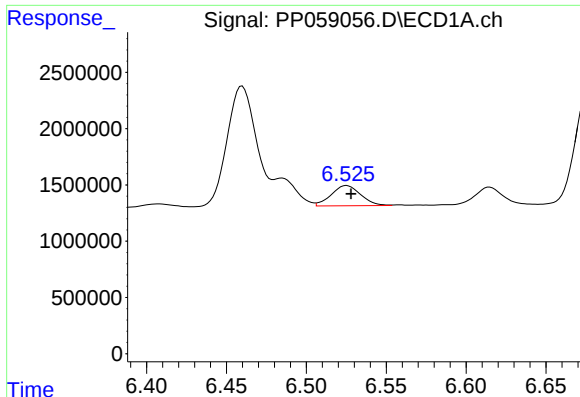
#24 AR-1248-4

R.T.: 6.485 min
Delta R.T.: -0.004 min
Response: 2375112
Conc: 50.23 ng/ml



#24 AR-1248-4

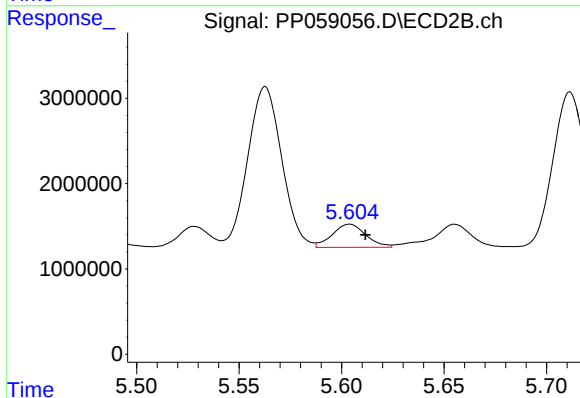
R.T.: 5.208 min
Delta R.T.: -0.007 min
Response: 27586540
Conc: 405.87 ng/ml



#25 AR-1248-5

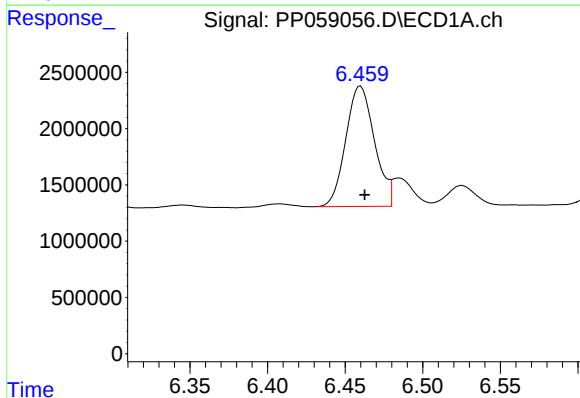
R.T.: 6.525 min
Delta R.T.: -0.003 min
Response: 2295784
Conc: 50.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



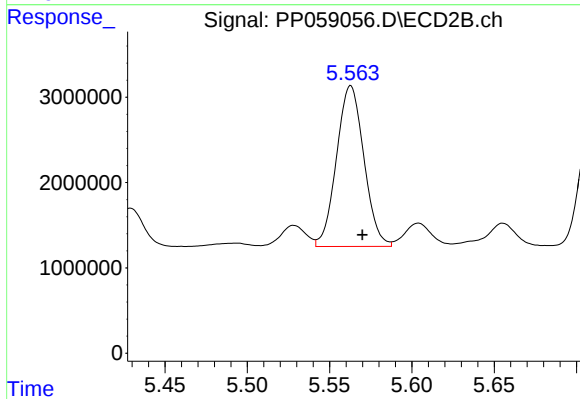
#25 AR-1248-5

R.T.: 5.604 min
Delta R.T.: -0.008 min
Response: 3098177
Conc: 50.84 ng/ml



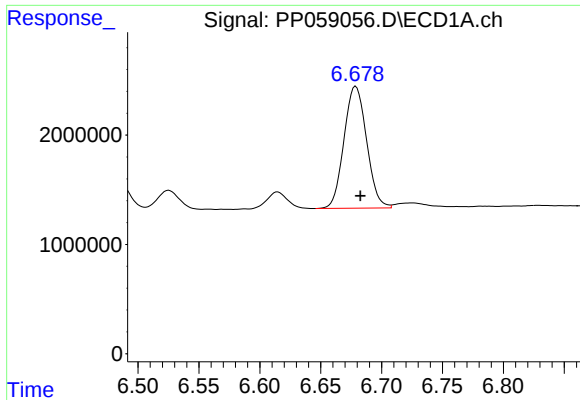
#26 AR-1254-1

R.T.: 6.460 min
Delta R.T.: -0.003 min
Response: 13762466
Conc: 259.46 ng/ml



#26 AR-1254-1

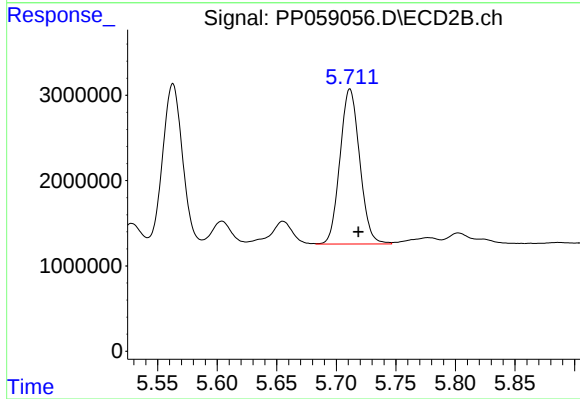
R.T.: 5.563 min
Delta R.T.: -0.007 min
Response: 21840887
Conc: 215.97 ng/ml



#27 AR-1254-2

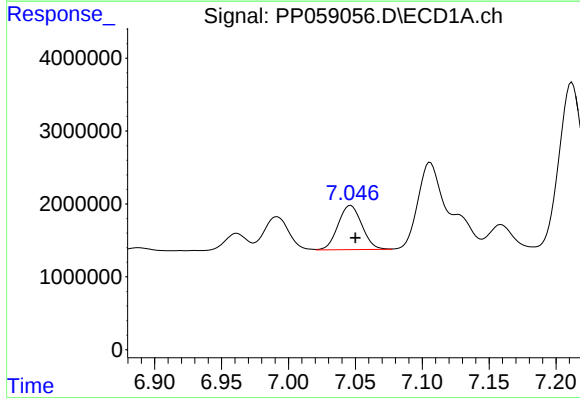
R.T.: 6.679 min
Delta R.T.: -0.004 min
Response: 14412990
Conc: 184.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



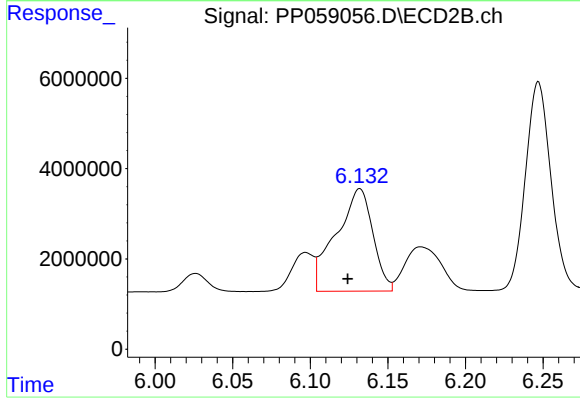
#27 AR-1254-2

R.T.: 5.711 min
Delta R.T.: -0.007 min
Response: 20933527
Conc: 242.13 ng/ml



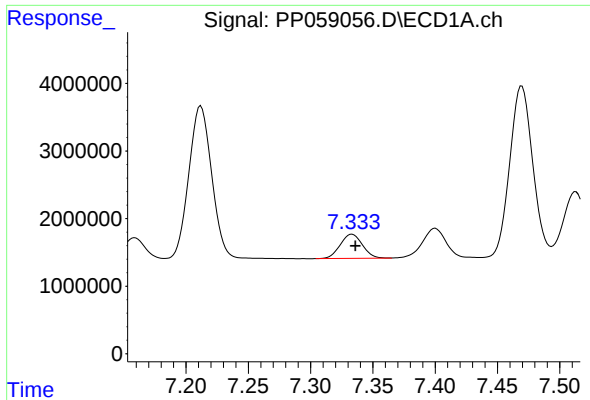
#28 AR-1254-3

R.T.: 7.046 min
Delta R.T.: -0.004 min
Response: 7503319
Conc: 95.74 ng/ml



#28 AR-1254-3

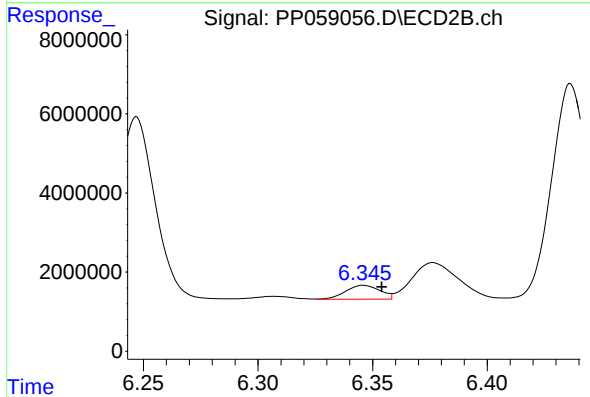
R.T.: 6.132 min
Delta R.T.: 0.008 min
Response: 37371239
Conc: 272.02 ng/ml



#29 AR-1254-4

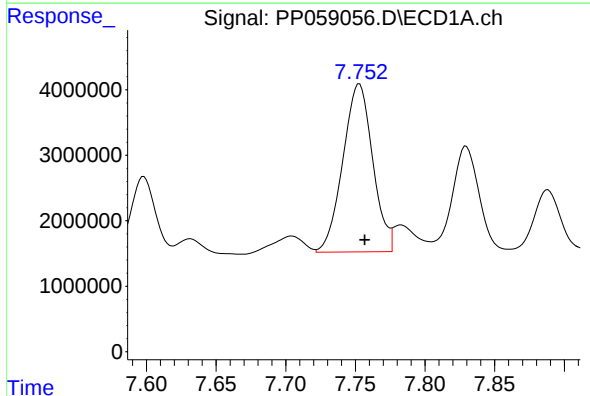
R.T.: 7.333 min
Delta R.T.: -0.003 min
Response: 4454668
Conc: 85.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



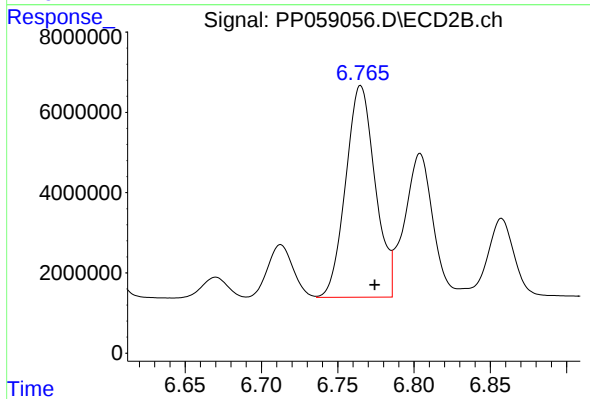
#29 AR-1254-4

R.T.: 6.346 min
Delta R.T.: -0.008 min
Response: 3628966
Conc: 45.42 ng/ml



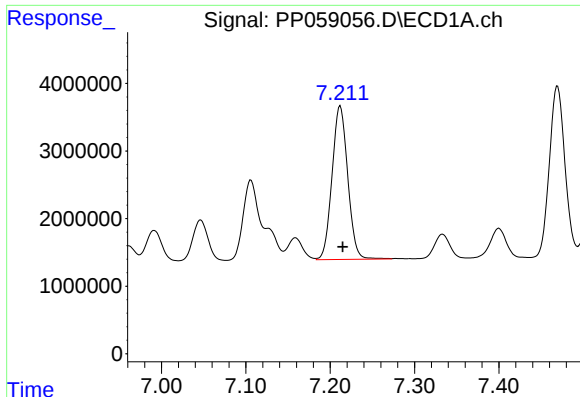
#30 AR-1254-5

R.T.: 7.753 min
Delta R.T.: -0.004 min
Response: 38272779
Conc: 711.78 ng/ml



#30 AR-1254-5

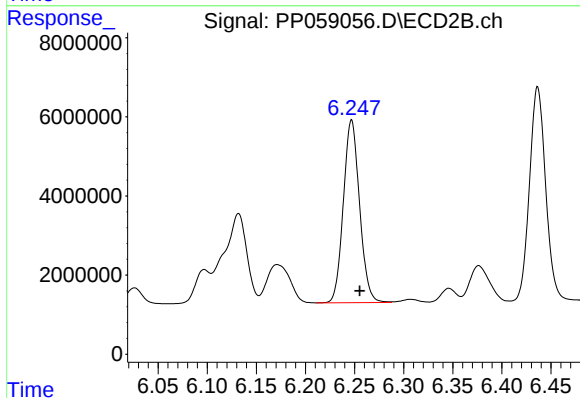
R.T.: 6.765 min
Delta R.T.: -0.009 min
Response: 70926980
Conc: 589.16 ng/ml



#31 AR-1260-1

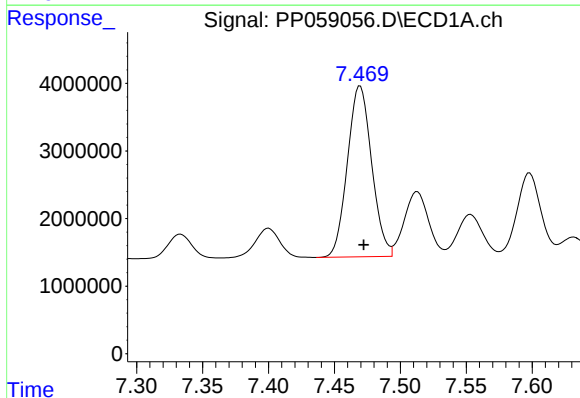
R.T.: 7.212 min
Delta R.T.: -0.003 min
Response: 29460236
Conc: 507.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



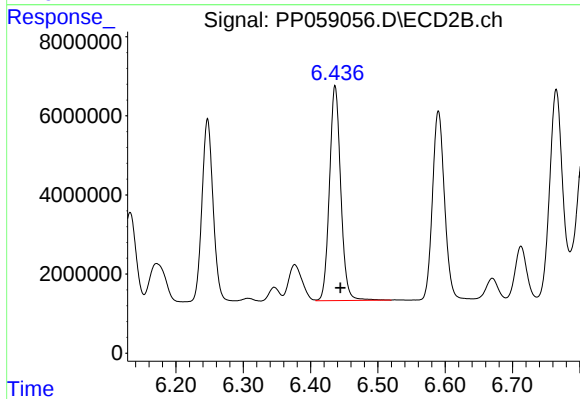
#31 AR-1260-1

R.T.: 6.247 min
Delta R.T.: -0.008 min
Response: 53007763
Conc: 535.57 ng/ml



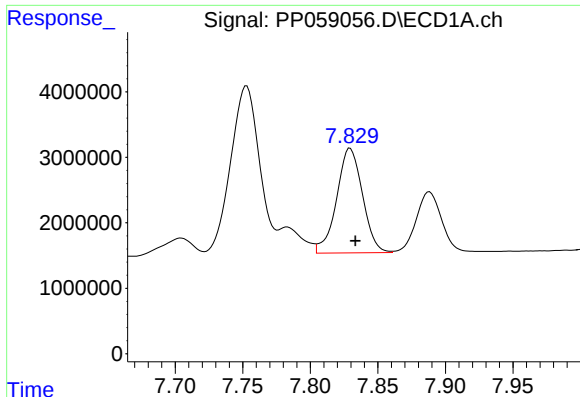
#32 AR-1260-2

R.T.: 7.470 min
Delta R.T.: -0.003 min
Response: 32402117
Conc: 534.75 ng/ml



#32 AR-1260-2

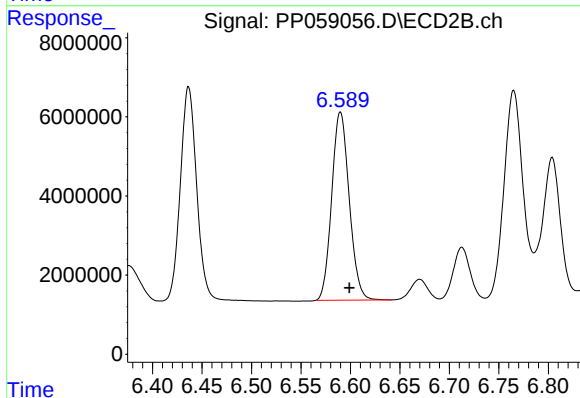
R.T.: 6.436 min
Delta R.T.: -0.008 min
Response: 63280456
Conc: 556.59 ng/ml



#33 AR-1260-3

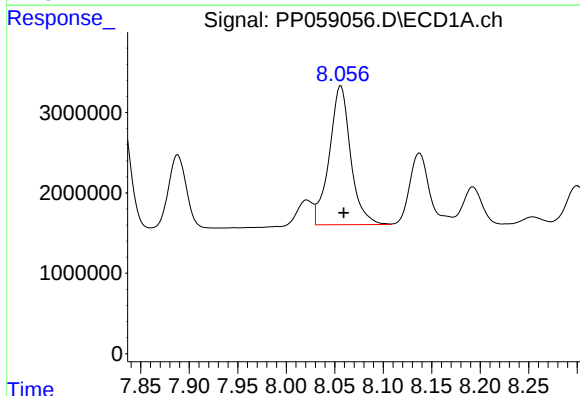
R.T.: 7.830 min
Delta R.T.: -0.004 min
Response: 21319484
Conc: 481.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



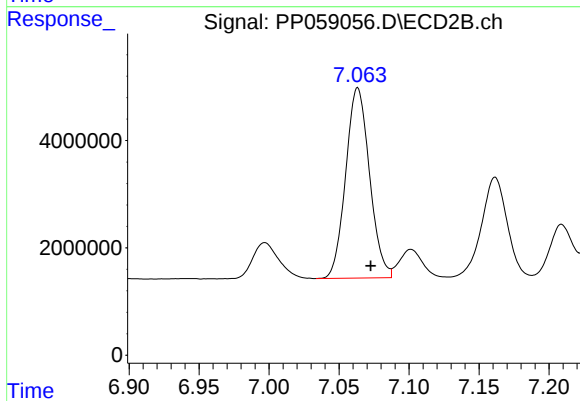
#33 AR-1260-3

R.T.: 6.590 min
Delta R.T.: -0.009 min
Response: 58565863
Conc: 535.10 ng/ml



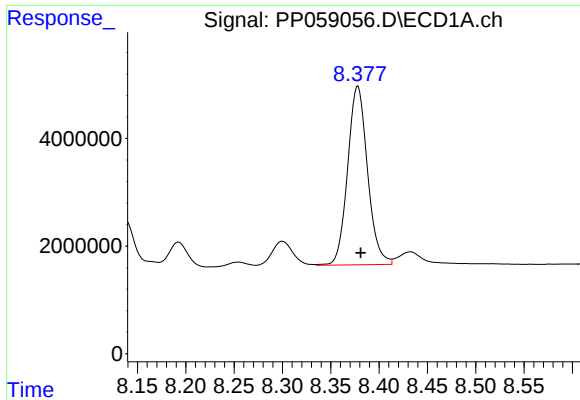
#34 AR-1260-4

R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 26434129
Conc: 535.95 ng/ml



#34 AR-1260-4

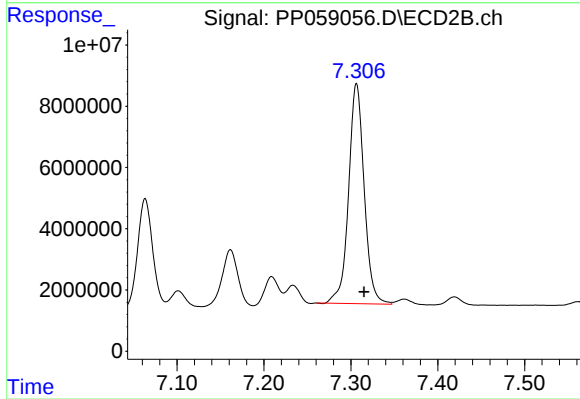
R.T.: 7.063 min
Delta R.T.: -0.009 min
Response: 42028860
Conc: 494.27 ng/ml



#35 AR-1260-5

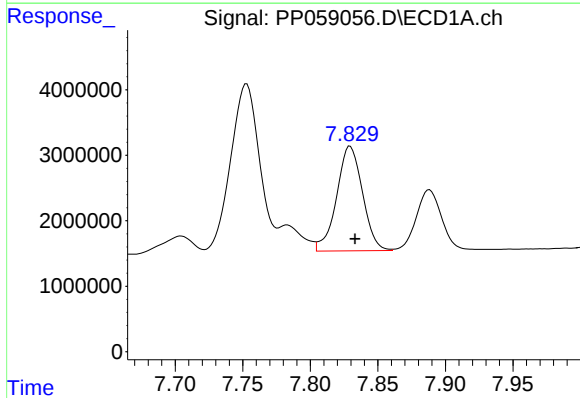
R.T.: 8.378 min
Delta R.T.: -0.003 min
Response: 47568347
Conc: 533.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



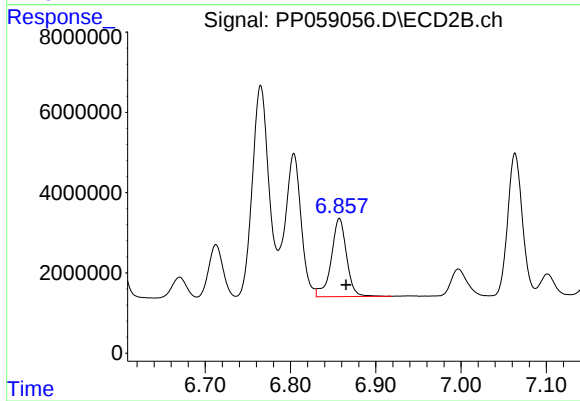
#35 AR-1260-5

R.T.: 7.307 min
Delta R.T.: -0.009 min
Response: 89509782
Conc: 527.83 ng/ml



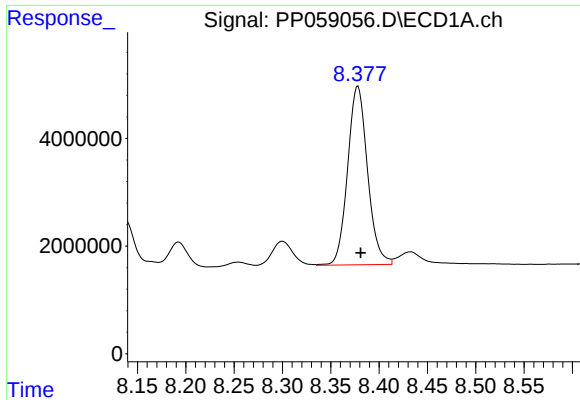
#36 AR-1262-1

R.T.: 7.830 min
Delta R.T.: -0.004 min
Response: 21319484
Conc: 312.44 ng/ml



#36 AR-1262-1

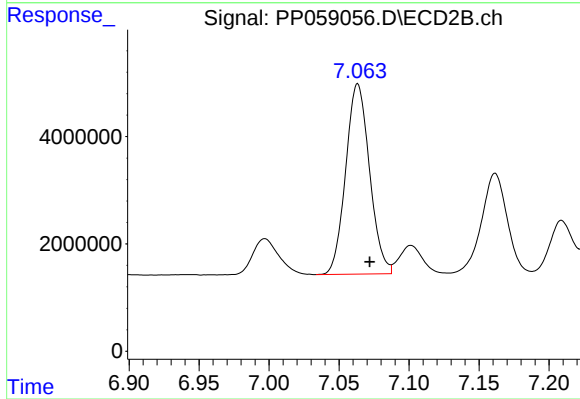
R.T.: 6.857 min
Delta R.T.: -0.008 min
Response: 24400473
Conc: 446.50 ng/ml



#37 AR-1262-2

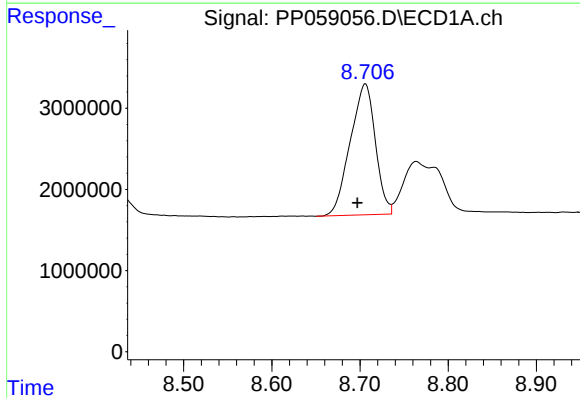
R.T.: 8.378 min
Delta R.T.: -0.003 min
Response: 47568347
Conc: 433.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



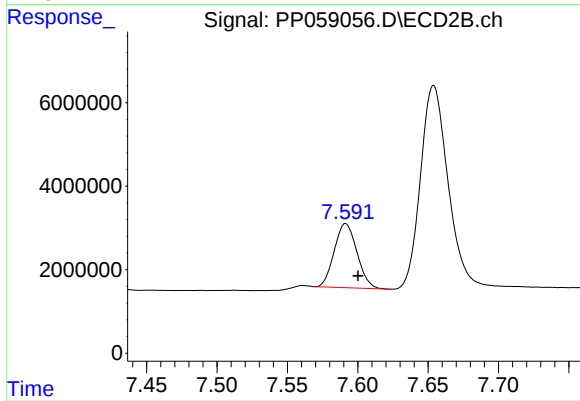
#37 AR-1262-2

R.T.: 7.063 min
Delta R.T.: -0.009 min
Response: 42028860
Conc: 364.47 ng/ml



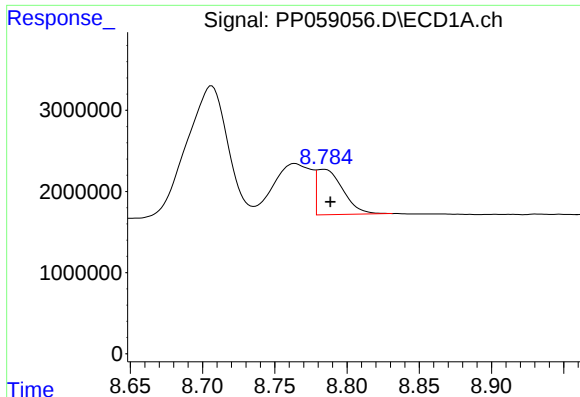
#38 AR-1262-3

R.T.: 8.706 min
Delta R.T.: 0.009 min
Response: 31952066
Conc: 407.67 ng/ml



#38 AR-1262-3

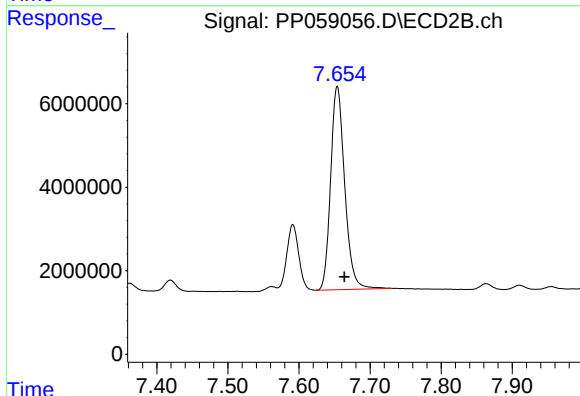
R.T.: 7.591 min
Delta R.T.: -0.009 min
Response: 17299821
Conc: 196.56 ng/ml



#39 AR-1262-4

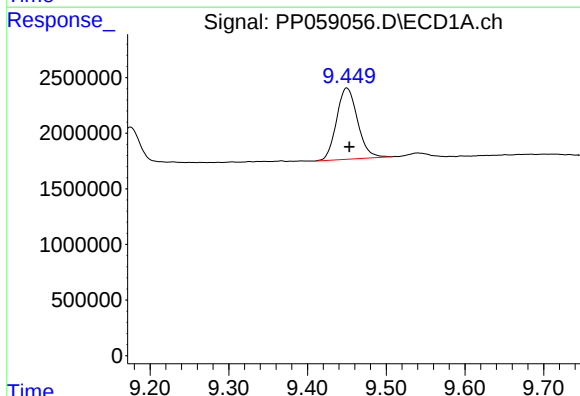
R.T.: 8.784 min
Delta R.T.: -0.005 min
Response: 7048863
Conc: 116.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



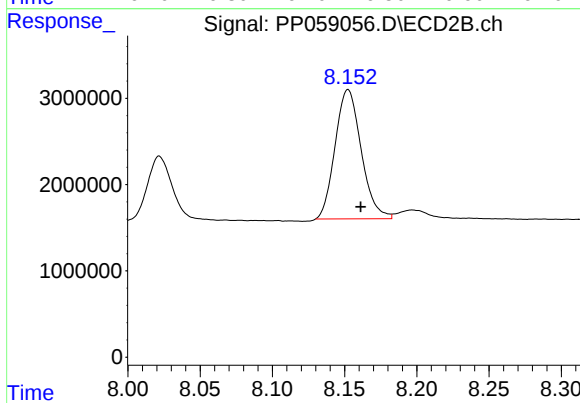
#39 AR-1262-4

R.T.: 7.654 min
Delta R.T.: -0.010 min
Response: 66871899
Conc: 424.80 ng/ml



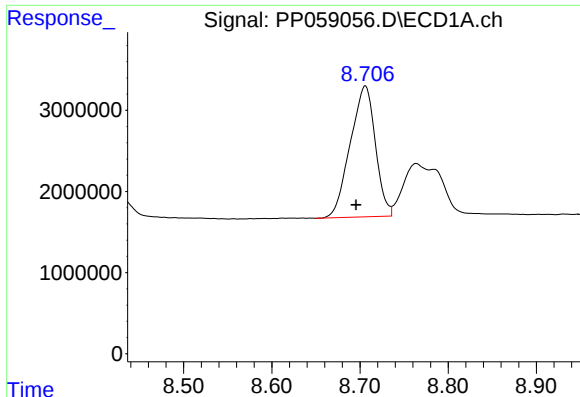
#40 AR-1262-5

R.T.: 9.450 min
Delta R.T.: -0.003 min
Response: 11859551
Conc: 305.32 ng/ml



#40 AR-1262-5

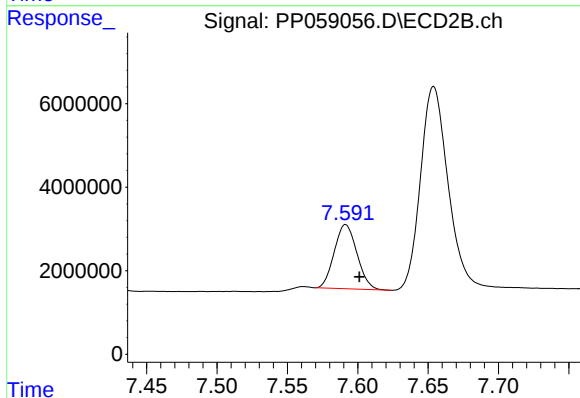
R.T.: 8.152 min
Delta R.T.: -0.009 min
Response: 18855995
Conc: 276.68 ng/ml



#41 AR-1268-1

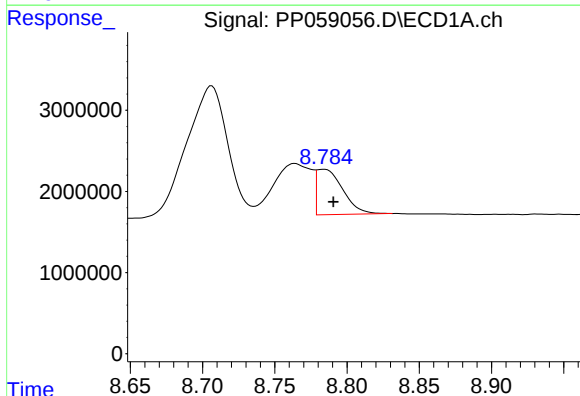
R.T.: 8.706 min
Delta R.T.: 0.011 min
Response: 31952066
Conc: 238.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



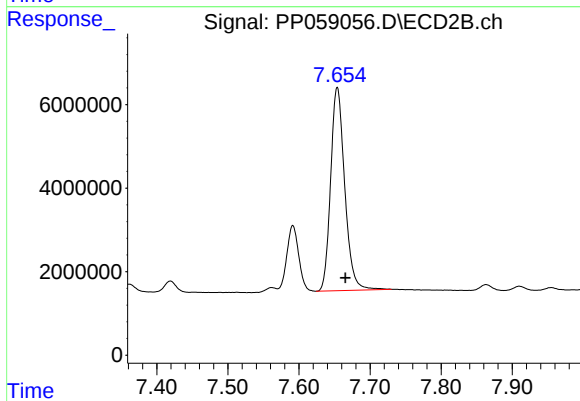
#41 AR-1268-1

R.T.: 7.591 min
Delta R.T.: -0.010 min
Response: 17299821
Conc: 71.35 ng/ml



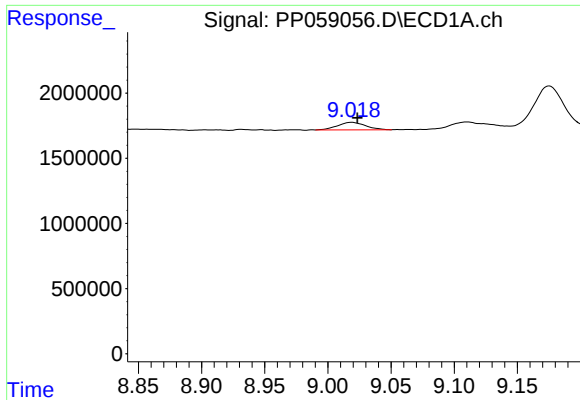
#42 AR-1268-2

R.T.: 8.784 min
Delta R.T.: -0.007 min
Response: 7048863
Conc: 59.20 ng/ml



#42 AR-1268-2

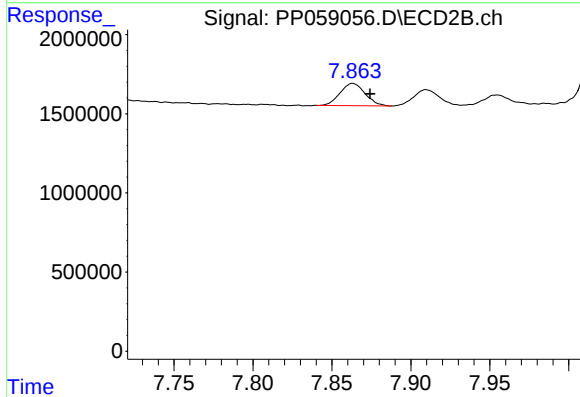
R.T.: 7.654 min
Delta R.T.: -0.012 min
Response: 66871899
Conc: 301.48 ng/ml



#43 AR-1268-3

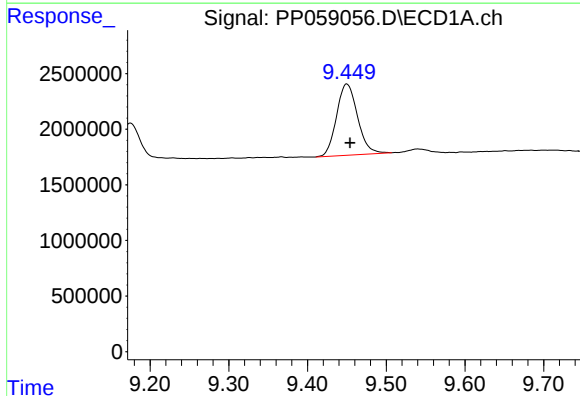
R.T.: 9.019 min
Delta R.T.: -0.005 min
Response: 888231
Conc: 8.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



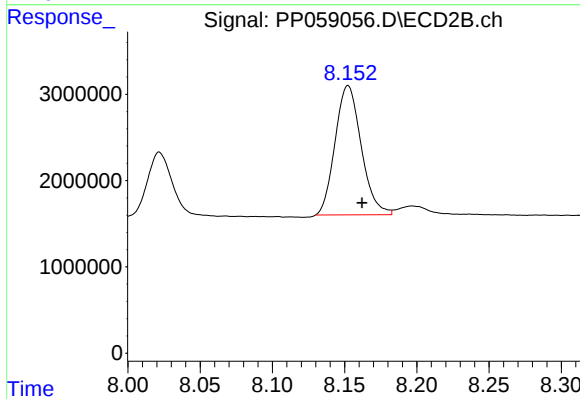
#43 AR-1268-3

R.T.: 7.863 min
Delta R.T.: -0.011 min
Response: 1555752
Conc: 7.63 ng/ml



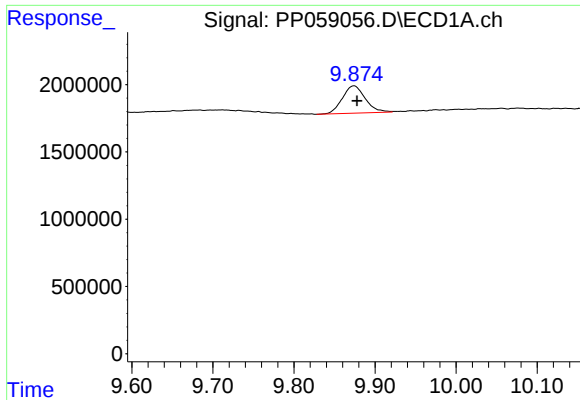
#44 AR-1268-4

R.T.: 9.450 min
Delta R.T.: -0.004 min
Response: 11859551
Conc: 285.28 ng/ml



#44 AR-1268-4

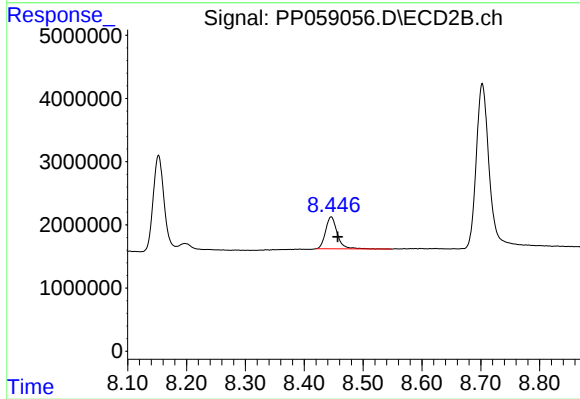
R.T.: 8.152 min
Delta R.T.: -0.010 min
Response: 18855995
Conc: 255.05 ng/ml



#45 AR-1268-5

R.T.: 9.874 min
Delta R.T.: -0.004 min
Response: 3992740
Conc: 12.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.446 min
Delta R.T.: -0.011 min
Response: 6944360
Conc: 12.61 ng/ml