

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080923\
 Data File : PP059281.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 19:18
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 22:00:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 09 02:30:13 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...	4.416	3.647	58257963	100.3E6	47.479	49.490
2)	SA Decachlor...	10.208	8.683	38016329	72614970	49.810	51.617
Target Compounds							
3)	L1 AR-1016-1	5.592	4.740	18779687	31840158	477.998	496.433
4)	L1 AR-1016-2	5.615	4.759	27359626	45624273	482.638	502.251
5)	L1 AR-1016-3	5.678	4.935	17504003	24802386	487.926	516.205
6)	L1 AR-1016-4	5.777	4.978	14283497	20769900	493.094	503.009
7)	L1 AR-1016-5	6.073	5.191	14970847	26238027	494.680	504.265
8)	L2 AR-1221-1	4.621	3.862	2264310	4096633	143.728	150.911
9)	L2 AR-1221-2	4.713	3.949	3217795	5455605	272.488	274.016
10)	L2 AR-1221-3	4.789	4.025	11542553	19015247	327.792	319.404
11)	L3 AR-1232-1	4.789	4.025	11542553	19015247	392.651	400.757
12)	L3 AR-1232-2	5.323	4.759	15767050	45624273	1011.548	1075.575
13)	L3 AR-1232-3	5.615	4.935	27359626	24802386	1036.128	1117.840
14)	L3 AR-1232-4	5.777	5.020	14283497	25039142	1079.260	1185.886
15)	L3 AR-1232-5	5.868	5.191	13219592	26238027	1158.134	1144.630
16)	L4 AR-1242-1	5.592	4.740	18779687	31840158	548.613	568.934
17)	L4 AR-1242-2	5.615	4.759	27359626	45624273	557.562	572.186
18)	L4 AR-1242-3	5.678	4.935	17504003	24802386	557.126	581.953
19)	L4 AR-1242-4	5.777	5.020	14283497	25039142	556.985	573.424
20)	L4 AR-1242-5	6.518	5.546	4171959	25415608	161.490	511.661 #
21)	L5 AR-1248-1	5.592	4.740	18779687	31840158	739.929	773.986
22)	L5 AR-1248-2	5.868	4.978	13219592	20769900	341.544	344.915
23)	L5 AR-1248-3	6.073	5.020	14970847	25039142	354.374	406.414
24)	L5 AR-1248-4	6.478	5.191	4763373	26238027	114.409	364.437 #
25)	L5 AR-1248-5	6.518	5.587	4171959	7149307	102.275	108.347
26)	L6 AR-1254-1	6.452	5.546	13435793	25415608	287.613	250.856
27)	L6 AR-1254-2	6.672	5.694	11591618	19071429	168.463	216.037 #
28)	L6 AR-1254-3	7.040	6.115	5423934	33761550	78.585	244.214 #
29)	L6 AR-1254-4	7.327	6.331	3190354	2591654	70.872	32.242 #
30)	L6 AR-1254-5	7.745	6.748	30400957	60224527	647.007	503.605
31)	L7 AR-1260-1	7.205	6.230	28532043	50073660	521.522	505.597
32)	L7 AR-1260-2	7.463	6.420	29611760	58906549	497.353	509.091
33)	L7 AR-1260-3	7.824	6.573	21440596	54902829	544.801	493.581
34)	L7 AR-1260-4	8.050	7.046	22149078	44700223	498.699	515.602
35)	L7 AR-1260-5	8.371	7.291	39510501	95864246	494.068	520.085
36)	L8 AR-1262-1	7.824	6.841	21440596	25490079	336.631	443.038 #
37)	L8 AR-1262-2	8.371	7.046	39510501	44700223	430.229	378.822
38)	L8 AR-1262-3	8.698	7.575	25706416	21574296	399.460	253.519 #
39)	L8 AR-1262-4	8.759f	7.638	17268446	64723632	520.028	428.460
40)	L8 AR-1262-5	9.440	8.136	10019262	21435240	335.750	336.103
41)	L9 AR-1268-1	8.698	7.575	25706416	21574296	226.353	88.474 #

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 ALS Vial : 3 Sample Multiplier: 1

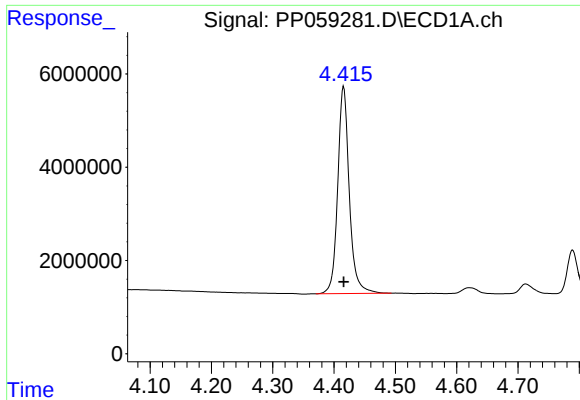
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 22:00:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.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	8.759f	7.638	17268446	64723632	175.463	295.514 #
43) L9	AR-1268-3	9.011	7.847	569939	1163922	6.148	5.953
44) L9	AR-1268-4	9.440	8.136	10019262	21435240	314.076	308.021
45) L9	AR-1268-5	9.862	8.428	3029707	6061968	11.161	11.693

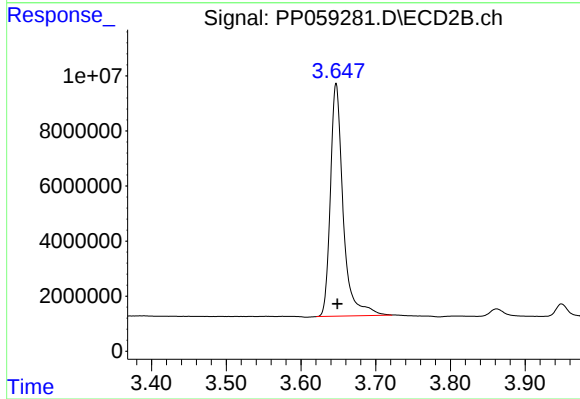
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

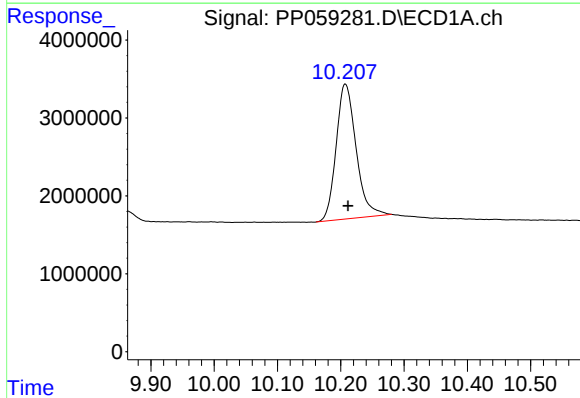
R.T.: 4.416 min
Delta R.T.: 0.000 min
Response: 58257963
Conc: 47.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



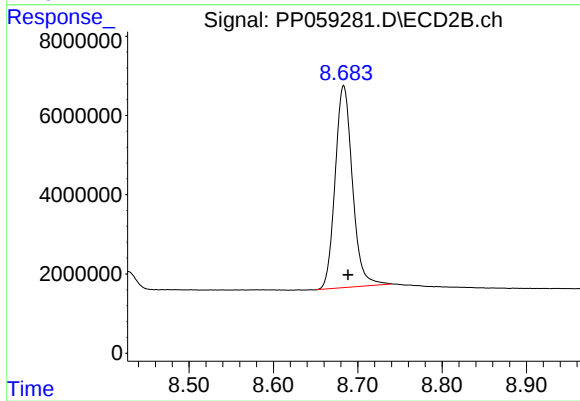
#1 Tetrachloro-m-xylene

R.T.: 3.647 min
Delta R.T.: -0.002 min
Response: 100273532
Conc: 49.49 ng/ml



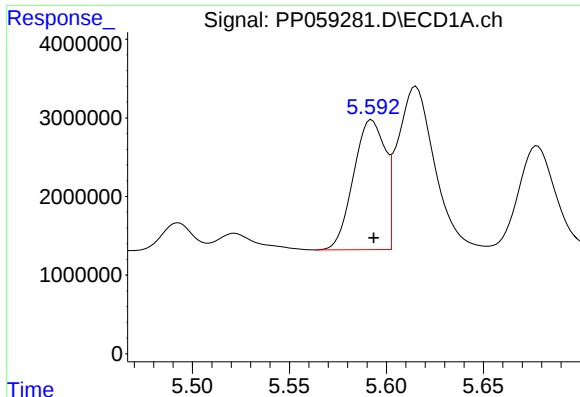
#2 Decachlorobiphenyl

R.T.: 10.208 min
Delta R.T.: -0.004 min
Response: 38016329
Conc: 49.81 ng/ml



#2 Decachlorobiphenyl

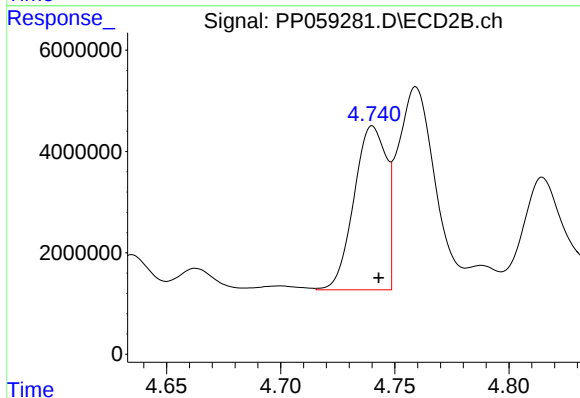
R.T.: 8.683 min
Delta R.T.: -0.005 min
Response: 72614970
Conc: 51.62 ng/ml



#3 AR-1016-1

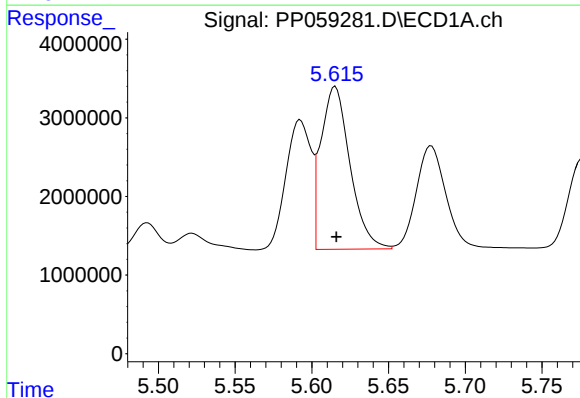
R.T.: 5.592 min
Delta R.T.: -0.001 min
Response: 18779687
Conc: 478.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



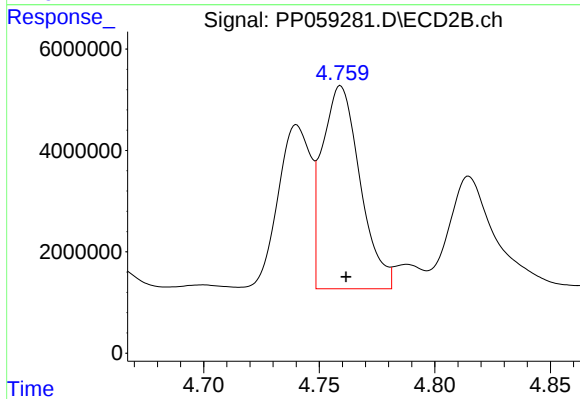
#3 AR-1016-1

R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 31840158
Conc: 496.43 ng/ml



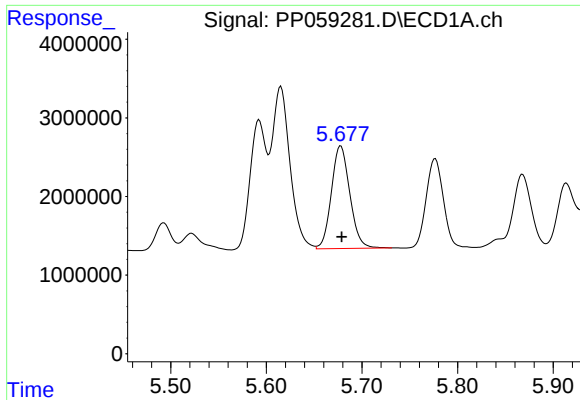
#4 AR-1016-2

R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 27359626
Conc: 482.64 ng/ml



#4 AR-1016-2

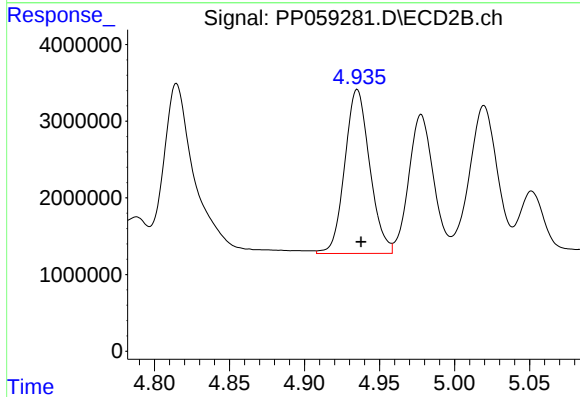
R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 45624273
Conc: 502.25 ng/ml



#5 AR-1016-3

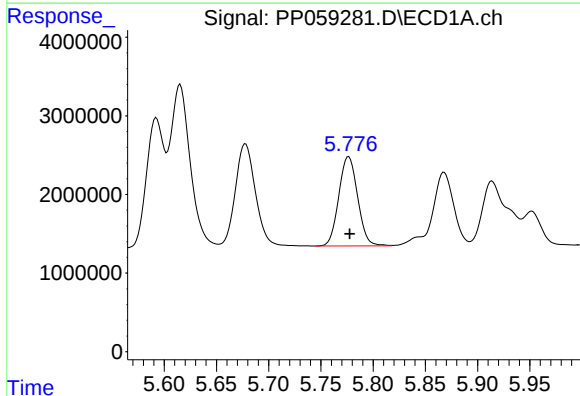
R.T.: 5.678 min
Delta R.T.: 0.000 min
Response: 17504003
Conc: 487.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



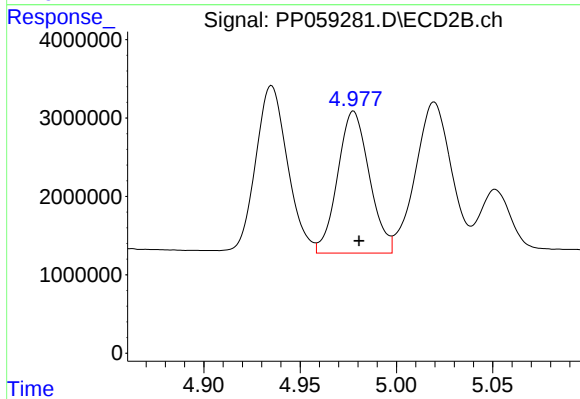
#5 AR-1016-3

R.T.: 4.935 min
Delta R.T.: -0.003 min
Response: 24802386
Conc: 516.20 ng/ml



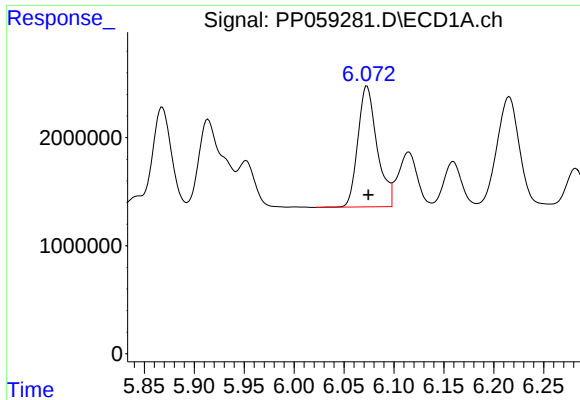
#6 AR-1016-4

R.T.: 5.777 min
Delta R.T.: -0.001 min
Response: 14283497
Conc: 493.09 ng/ml



#6 AR-1016-4

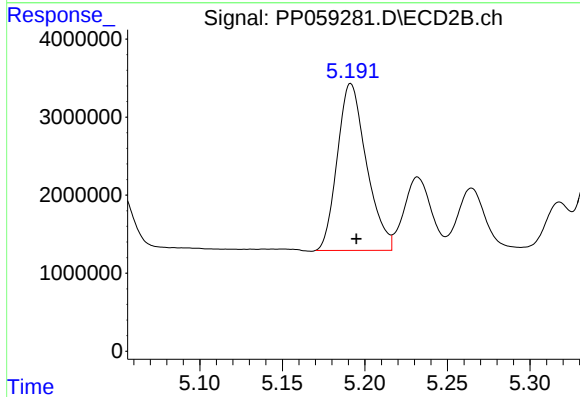
R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 20769900
Conc: 503.01 ng/ml



#7 AR-1016-5

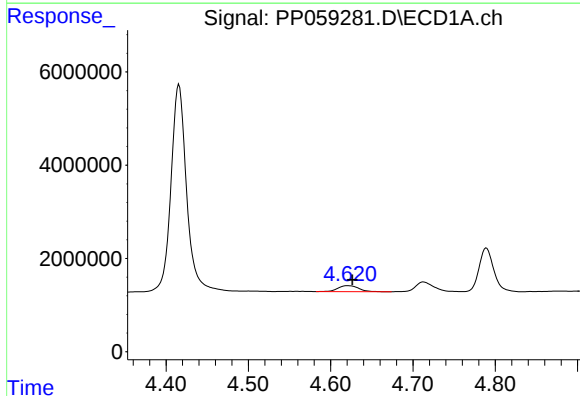
R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 14970847
Conc: 494.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



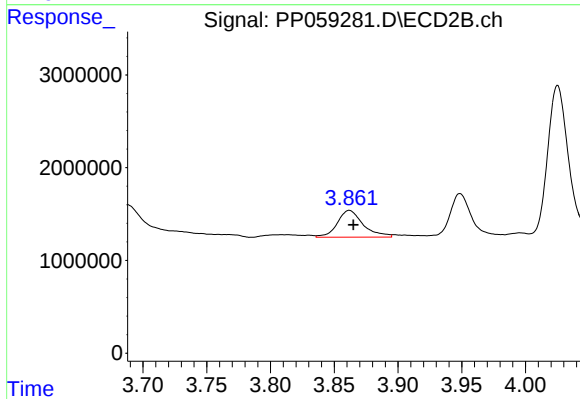
#7 AR-1016-5

R.T.: 5.191 min
Delta R.T.: -0.003 min
Response: 26238027
Conc: 504.26 ng/ml



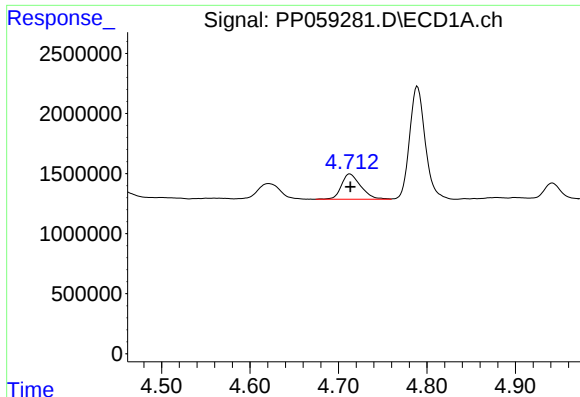
#8 AR-1221-1

R.T.: 4.621 min
Delta R.T.: -0.005 min
Response: 2264310
Conc: 143.73 ng/ml



#8 AR-1221-1

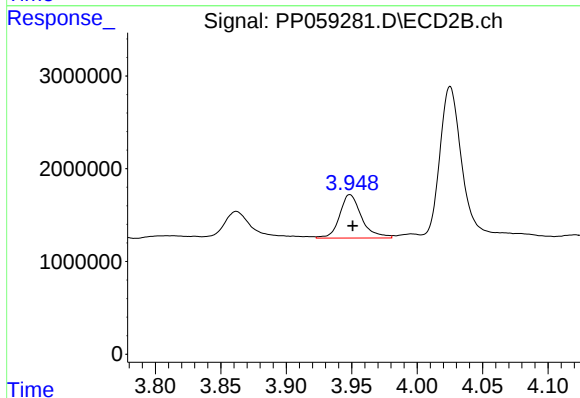
R.T.: 3.862 min
Delta R.T.: -0.003 min
Response: 4096633
Conc: 150.91 ng/ml



#9 AR-1221-2

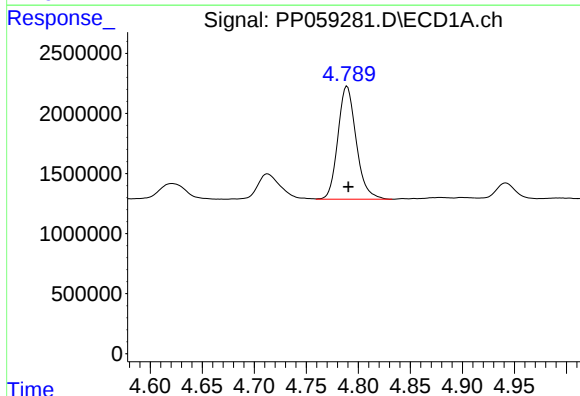
R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 3217795
Conc: 272.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



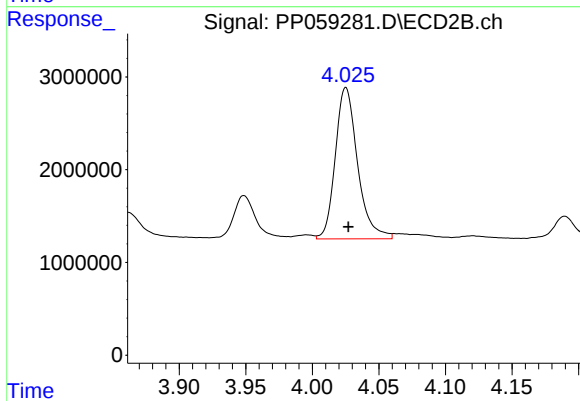
#9 AR-1221-2

R.T.: 3.949 min
Delta R.T.: -0.002 min
Response: 5455605
Conc: 274.02 ng/ml



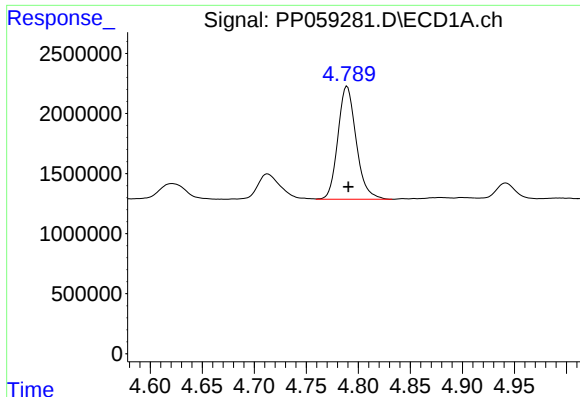
#10 AR-1221-3

R.T.: 4.789 min
Delta R.T.: -0.001 min
Response: 11542553
Conc: 327.79 ng/ml



#10 AR-1221-3

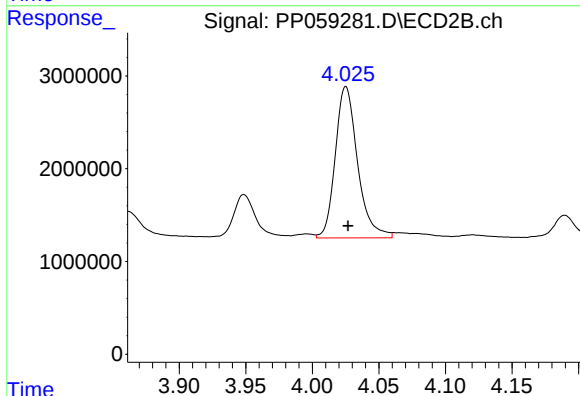
R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 19015247
Conc: 319.40 ng/ml



#11 AR-1232-1

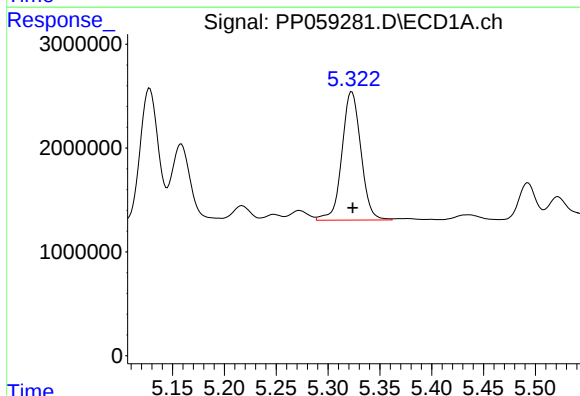
R.T.: 4.789 min
Delta R.T.: -0.001 min
Response: 11542553
Conc: 392.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



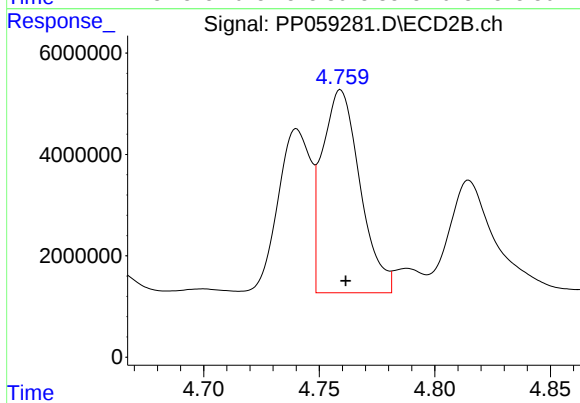
#11 AR-1232-1

R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 19015247
Conc: 400.76 ng/ml



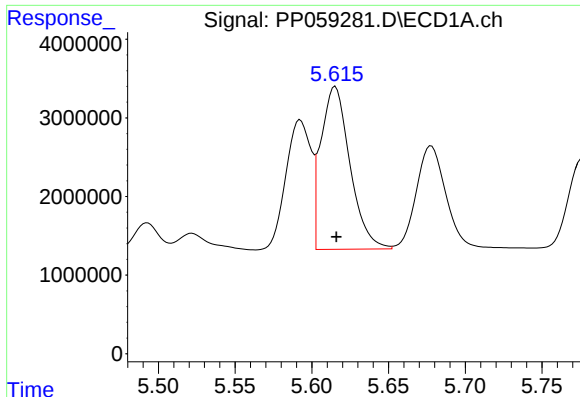
#12 AR-1232-2

R.T.: 5.323 min
Delta R.T.: 0.000 min
Response: 15767050
Conc: 1011.55 ng/ml



#12 AR-1232-2

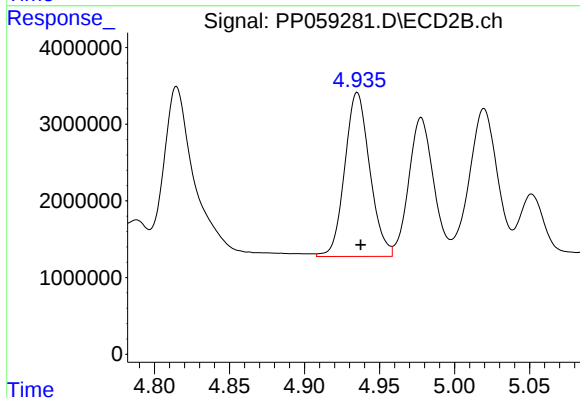
R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 45624273
Conc: 1075.57 ng/ml



#13 AR-1232-3

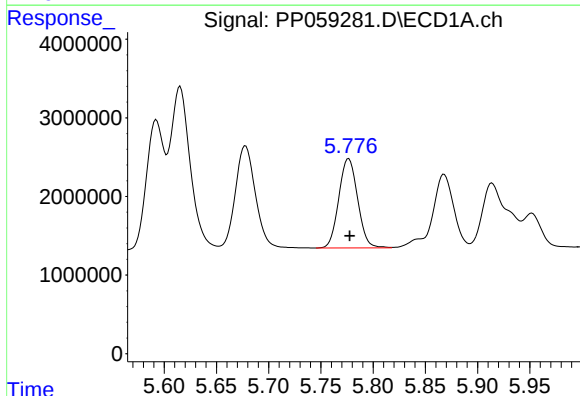
R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 27359626
Conc: 1036.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



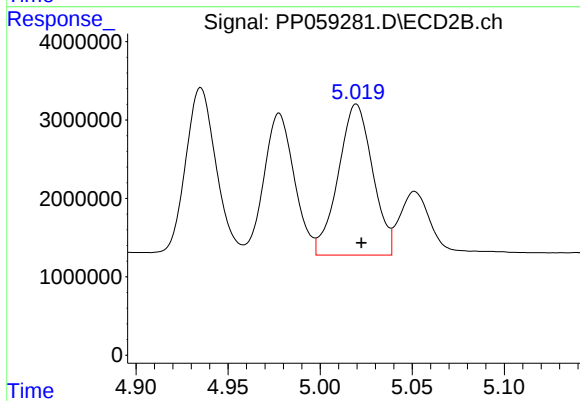
#13 AR-1232-3

R.T.: 4.935 min
Delta R.T.: -0.002 min
Response: 24802386
Conc: 1117.84 ng/ml



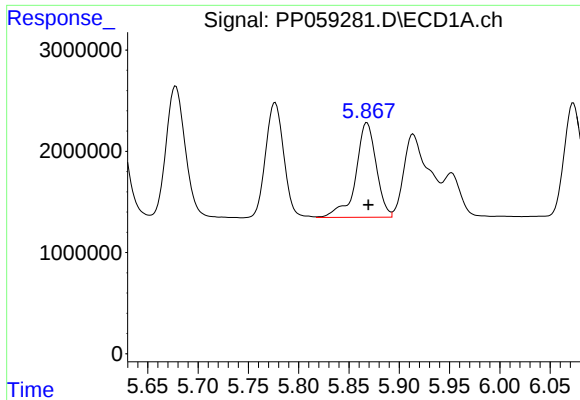
#14 AR-1232-4

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 14283497
Conc: 1079.26 ng/ml



#14 AR-1232-4

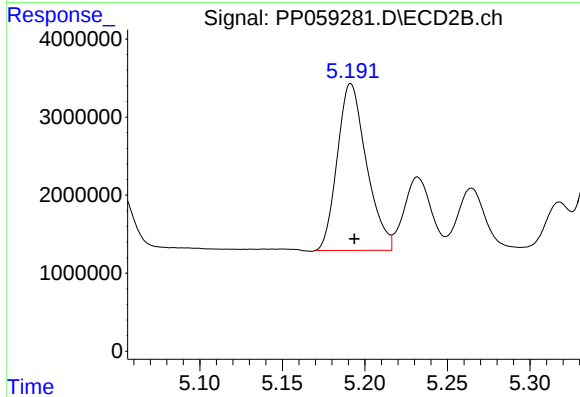
R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 25039142
Conc: 1185.89 ng/ml



#15 AR-1232-5

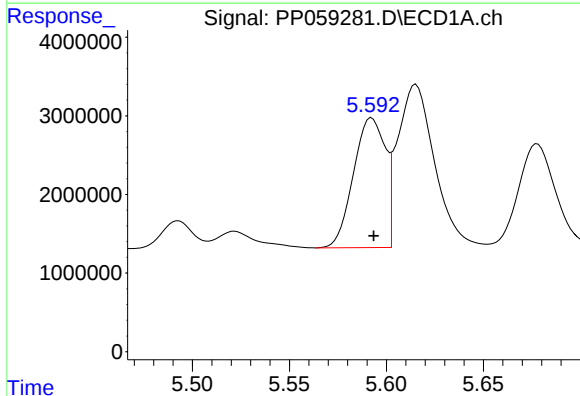
R.T.: 5.868 min
Delta R.T.: -0.001 min
Response: 13219592
Conc: 1158.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



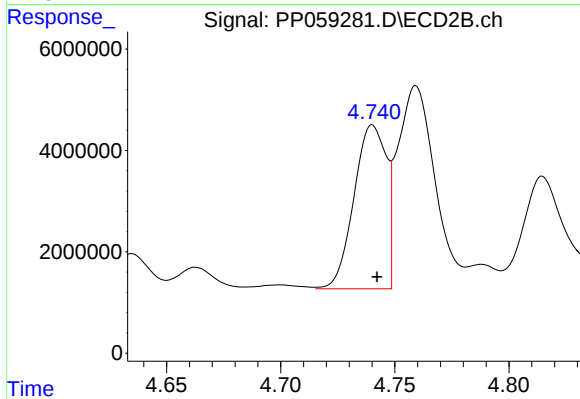
#15 AR-1232-5

R.T.: 5.191 min
Delta R.T.: -0.002 min
Response: 26238027
Conc: 1144.63 ng/ml



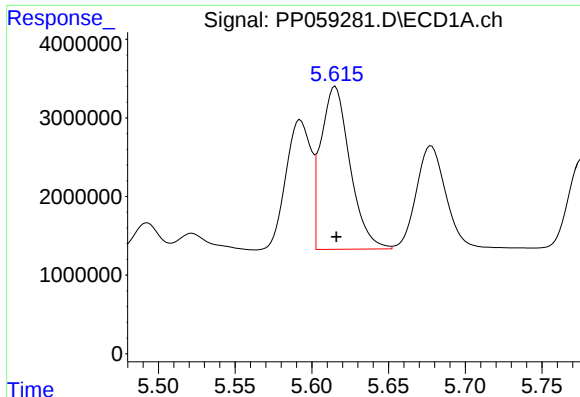
#16 AR-1242-1

R.T.: 5.592 min
Delta R.T.: -0.001 min
Response: 18779687
Conc: 548.61 ng/ml



#16 AR-1242-1

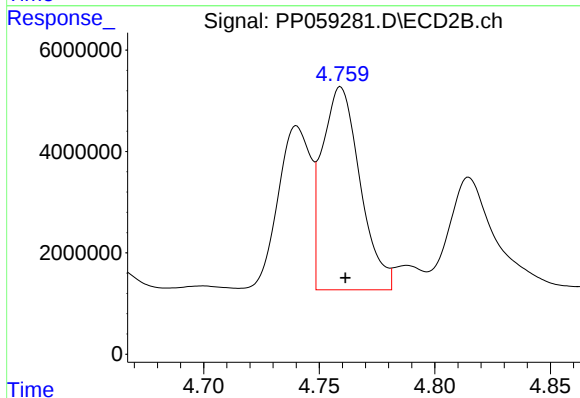
R.T.: 4.740 min
Delta R.T.: -0.002 min
Response: 31840158
Conc: 568.93 ng/ml



#17 AR-1242-2

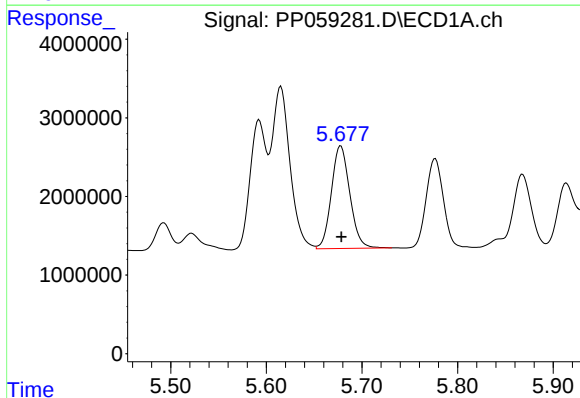
R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 27359626
Conc: 557.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



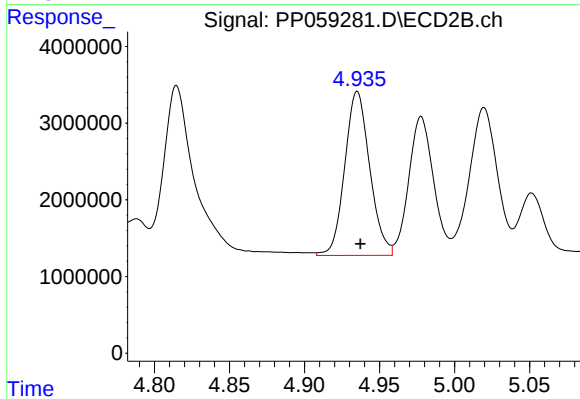
#17 AR-1242-2

R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 45624273
Conc: 572.19 ng/ml



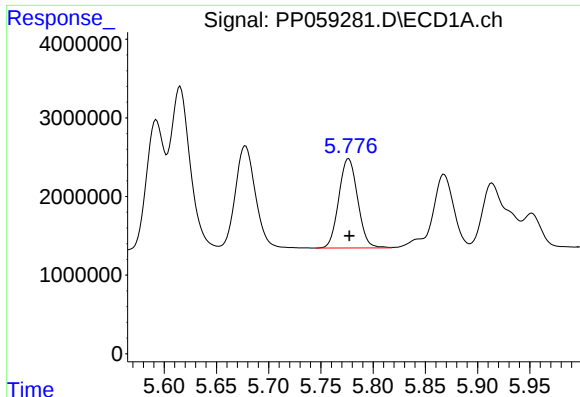
#18 AR-1242-3

R.T.: 5.678 min
Delta R.T.: 0.000 min
Response: 17504003
Conc: 557.13 ng/ml



#18 AR-1242-3

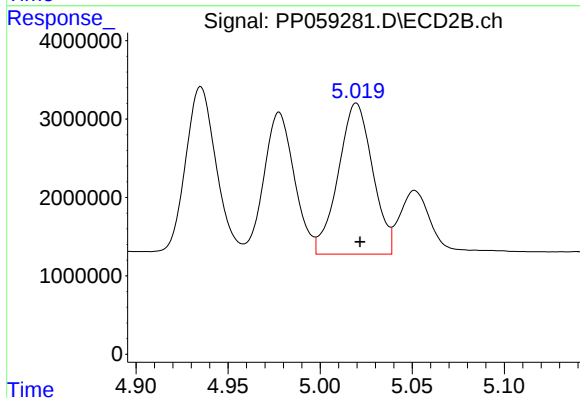
R.T.: 4.935 min
Delta R.T.: -0.002 min
Response: 24802386
Conc: 581.95 ng/ml



#19 AR-1242-4

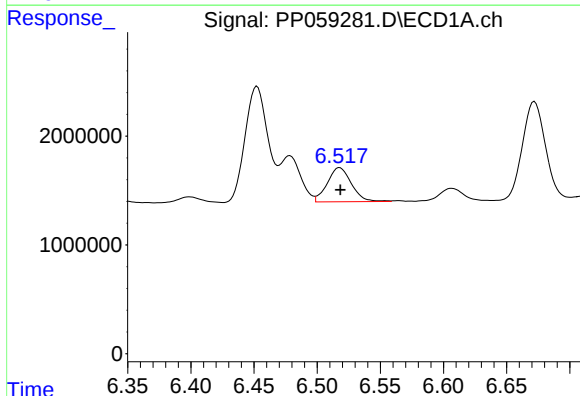
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 14283497
Conc: 556.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



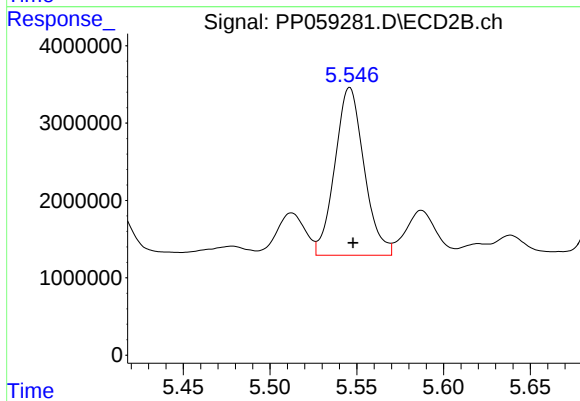
#19 AR-1242-4

R.T.: 5.020 min
Delta R.T.: -0.002 min
Response: 25039142
Conc: 573.42 ng/ml



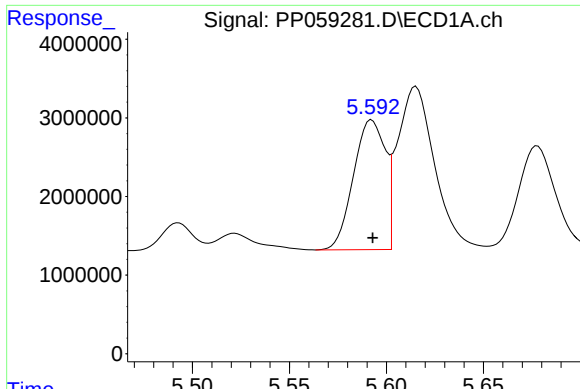
#20 AR-1242-5

R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 4171959
Conc: 161.49 ng/ml



#20 AR-1242-5

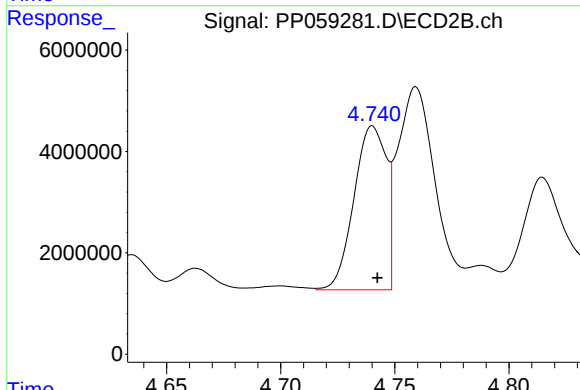
R.T.: 5.546 min
Delta R.T.: -0.002 min
Response: 25415608
Conc: 511.66 ng/ml



#21 AR-1248-1

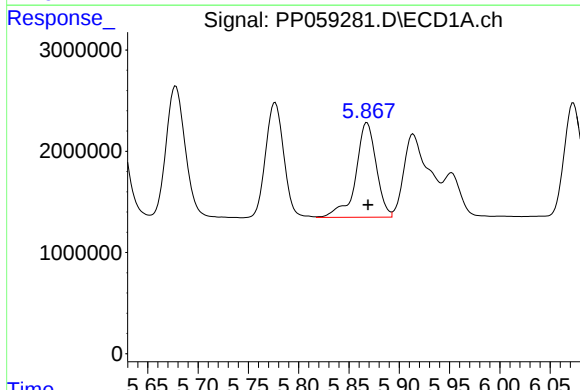
R.T.: 5.592 min
Delta R.T.: 0.000 min
Response: 18779687
Conc: 739.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



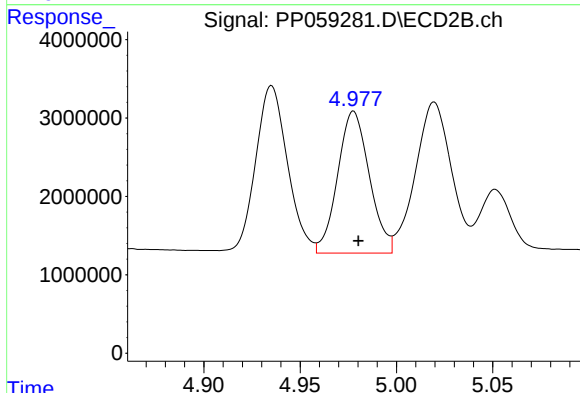
#21 AR-1248-1

R.T.: 4.740 min
Delta R.T.: -0.002 min
Response: 31840158
Conc: 773.99 ng/ml



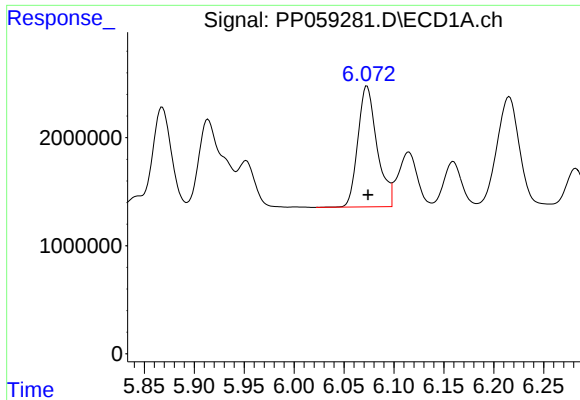
#22 AR-1248-2

R.T.: 5.868 min
Delta R.T.: -0.001 min
Response: 13219592
Conc: 341.54 ng/ml



#22 AR-1248-2

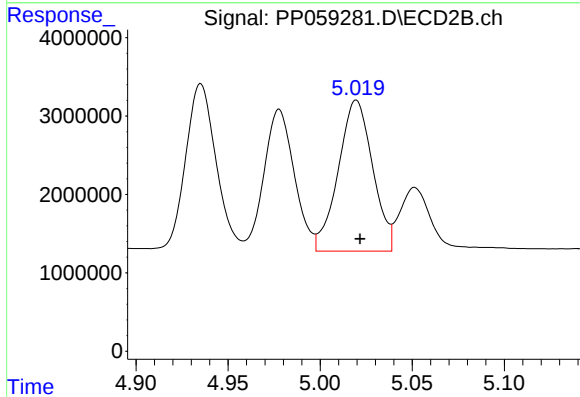
R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 20769900
Conc: 344.92 ng/ml



#23 AR-1248-3

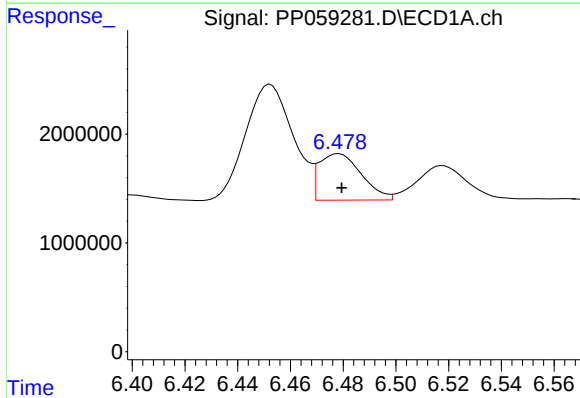
R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 14970847
Conc: 354.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



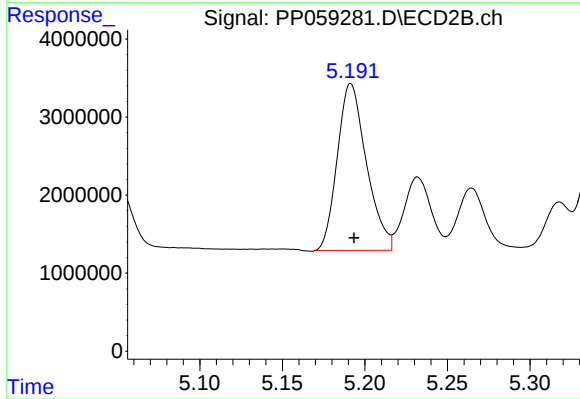
#23 AR-1248-3

R.T.: 5.020 min
Delta R.T.: -0.002 min
Response: 25039142
Conc: 406.41 ng/ml



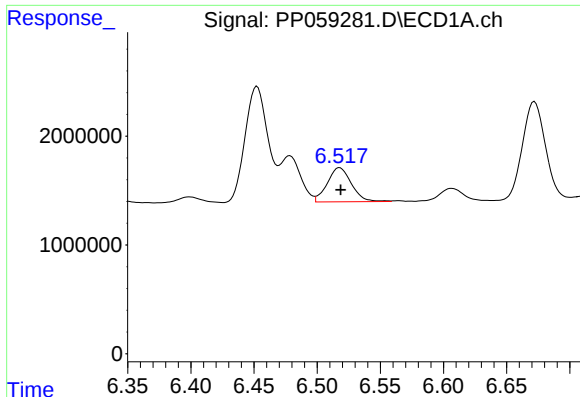
#24 AR-1248-4

R.T.: 6.478 min
Delta R.T.: -0.001 min
Response: 4763373
Conc: 114.41 ng/ml



#24 AR-1248-4

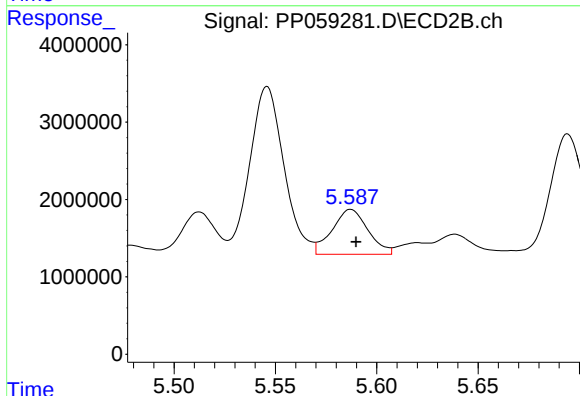
R.T.: 5.191 min
Delta R.T.: -0.002 min
Response: 26238027
Conc: 364.44 ng/ml



#25 AR-1248-5

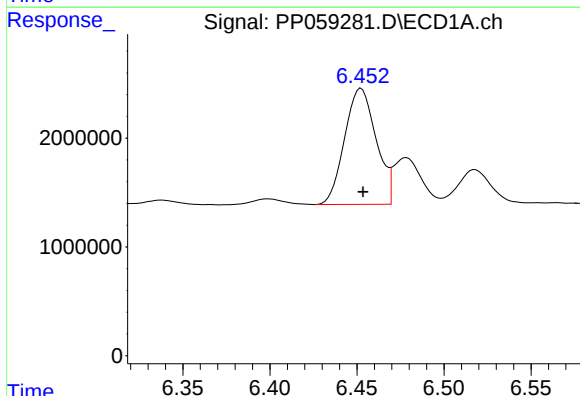
R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 4171959
Conc: 102.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



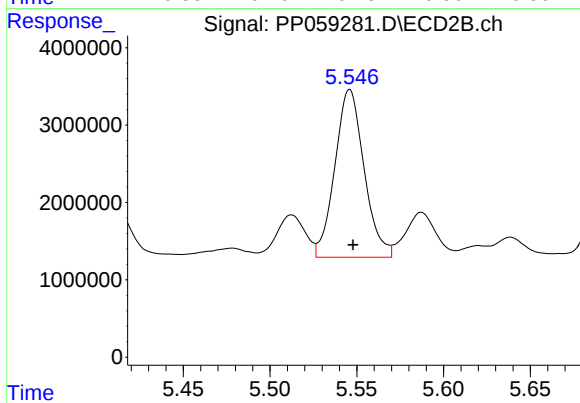
#25 AR-1248-5

R.T.: 5.587 min
Delta R.T.: -0.003 min
Response: 7149307
Conc: 108.35 ng/ml



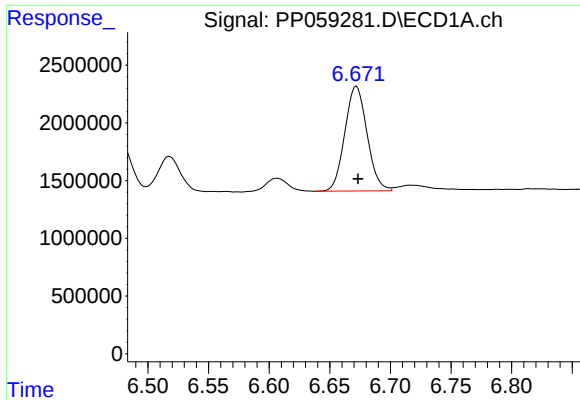
#26 AR-1254-1

R.T.: 6.452 min
Delta R.T.: -0.001 min
Response: 13435793
Conc: 287.61 ng/ml



#26 AR-1254-1

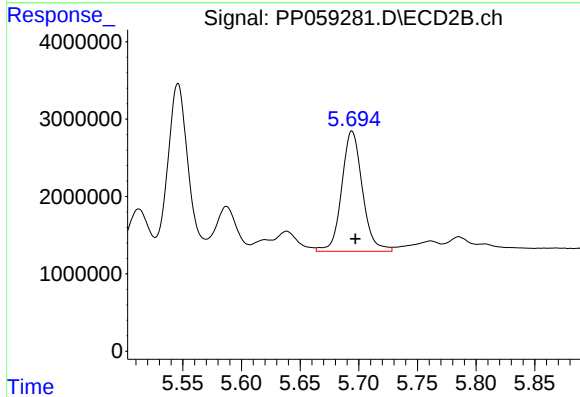
R.T.: 5.546 min
Delta R.T.: -0.002 min
Response: 25415608
Conc: 250.86 ng/ml



#27 AR-1254-2

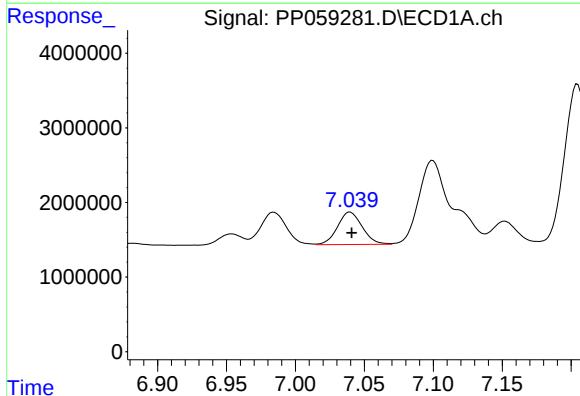
R.T.: 6.672 min
Delta R.T.: -0.001 min
Response: 11591618
Conc: 168.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



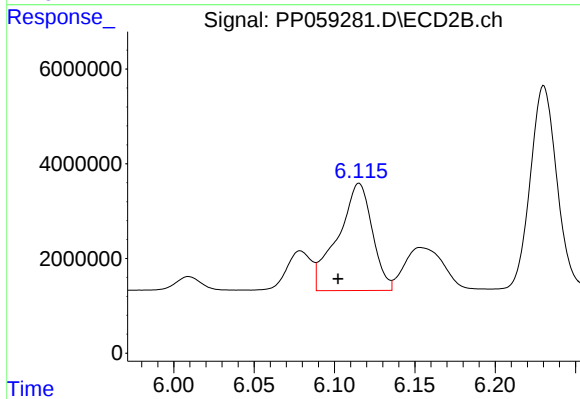
#27 AR-1254-2

R.T.: 5.694 min
Delta R.T.: -0.003 min
Response: 19071429
Conc: 216.04 ng/ml



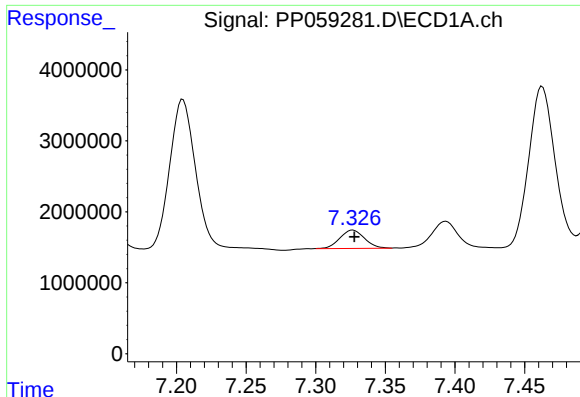
#28 AR-1254-3

R.T.: 7.040 min
Delta R.T.: -0.001 min
Response: 5423934
Conc: 78.58 ng/ml



#28 AR-1254-3

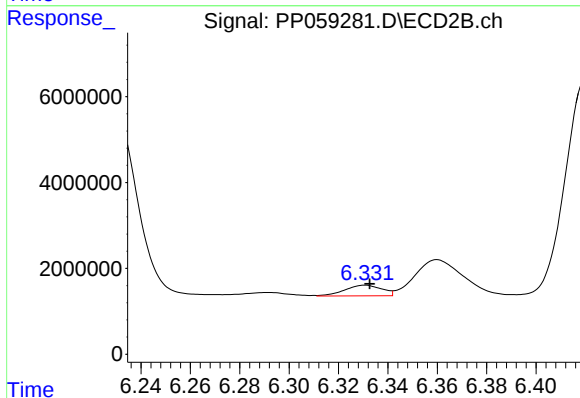
R.T.: 6.115 min
Delta R.T.: 0.013 min
Response: 33761550
Conc: 244.21 ng/ml



#29 AR-1254-4

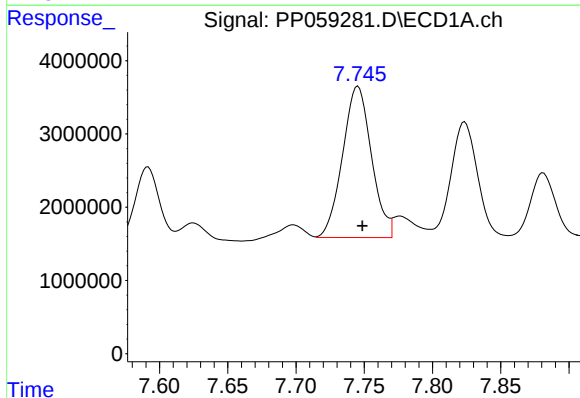
R.T.: 7.327 min
Delta R.T.: -0.001 min
Response: 3190354
Conc: 70.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



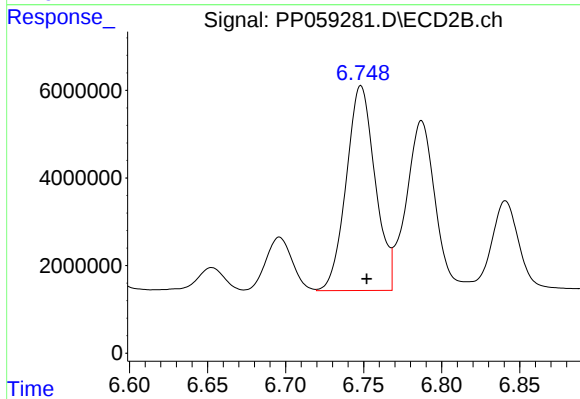
#29 AR-1254-4

R.T.: 6.331 min
Delta R.T.: -0.002 min
Response: 2591654
Conc: 32.24 ng/ml



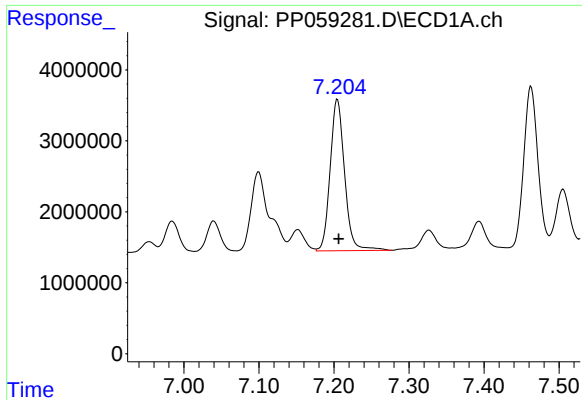
#30 AR-1254-5

R.T.: 7.745 min
Delta R.T.: -0.003 min
Response: 30400957
Conc: 647.01 ng/ml



#30 AR-1254-5

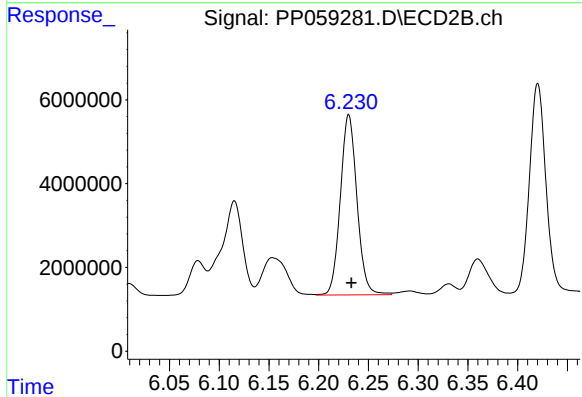
R.T.: 6.748 min
Delta R.T.: -0.004 min
Response: 60224527
Conc: 503.60 ng/ml



#31 AR-1260-1

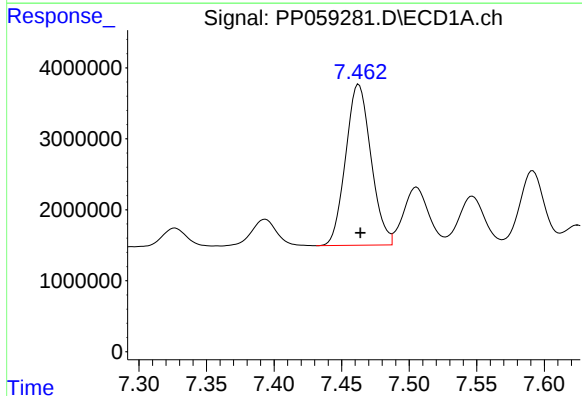
R.T.: 7.205 min
Delta R.T.: -0.002 min
Response: 28532043
Conc: 521.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



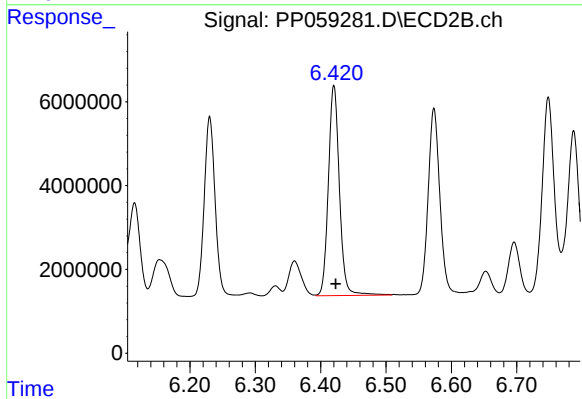
#31 AR-1260-1

R.T.: 6.230 min
Delta R.T.: -0.003 min
Response: 50073660
Conc: 505.60 ng/ml



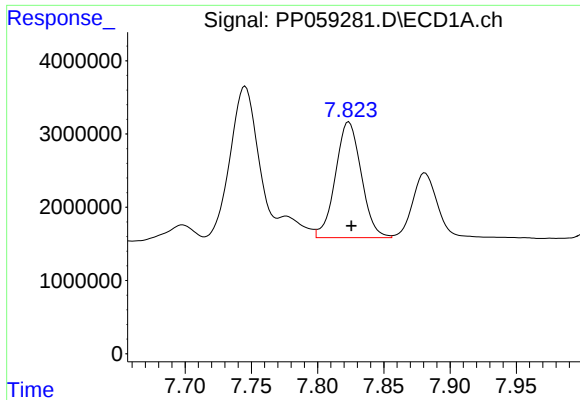
#32 AR-1260-2

R.T.: 7.463 min
Delta R.T.: -0.001 min
Response: 29611760
Conc: 497.35 ng/ml



#32 AR-1260-2

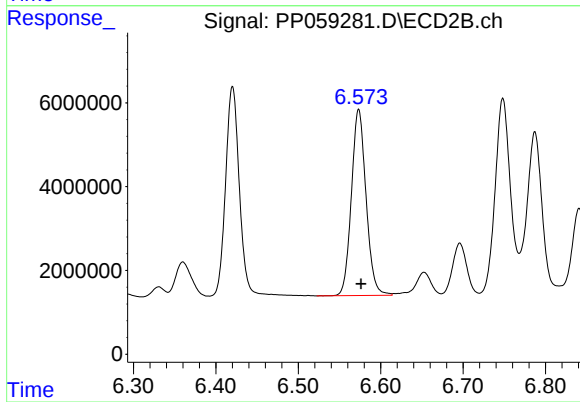
R.T.: 6.420 min
Delta R.T.: -0.003 min
Response: 58906549
Conc: 509.09 ng/ml



#33 AR-1260-3

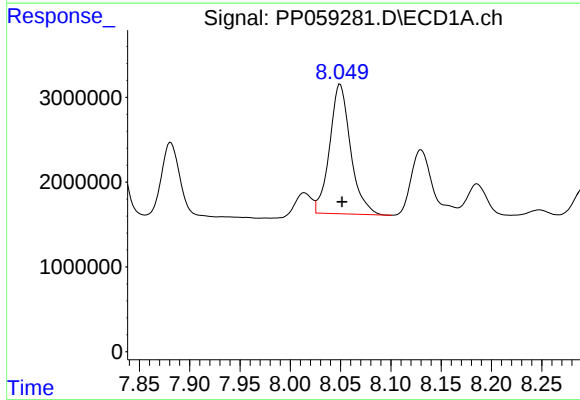
R.T.: 7.824 min
Delta R.T.: -0.002 min
Response: 21440596
Conc: 544.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



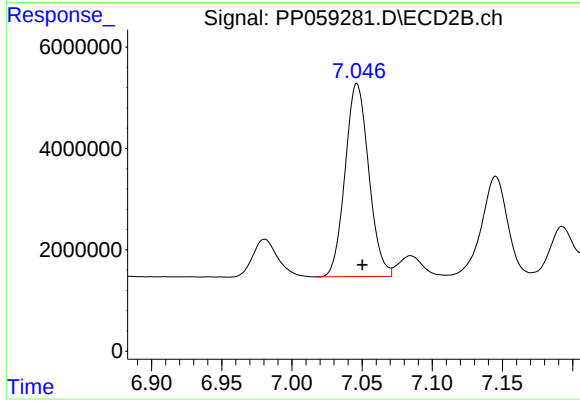
#33 AR-1260-3

R.T.: 6.573 min
Delta R.T.: -0.003 min
Response: 54902829
Conc: 493.58 ng/ml



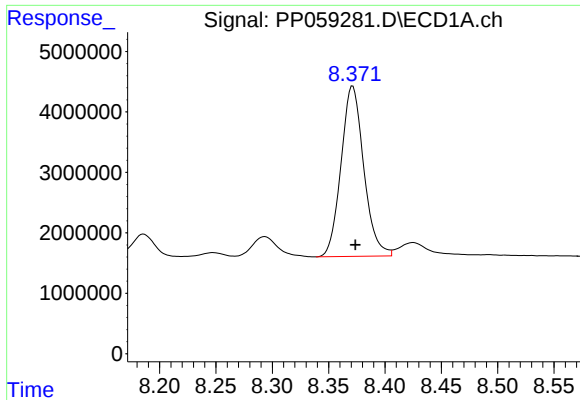
#34 AR-1260-4

R.T.: 8.050 min
Delta R.T.: -0.002 min
Response: 22149078
Conc: 498.70 ng/ml



#34 AR-1260-4

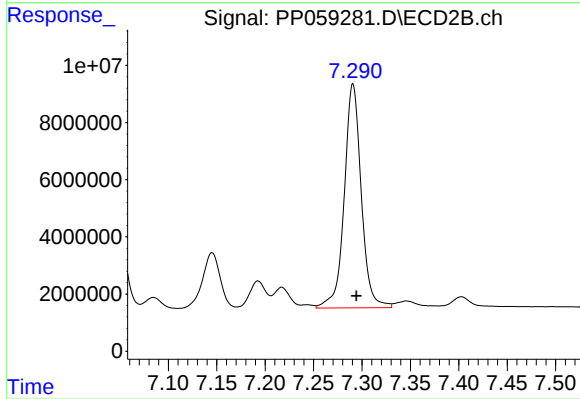
R.T.: 7.046 min
Delta R.T.: -0.004 min
Response: 44700223
Conc: 515.60 ng/ml



#35 AR-1260-5

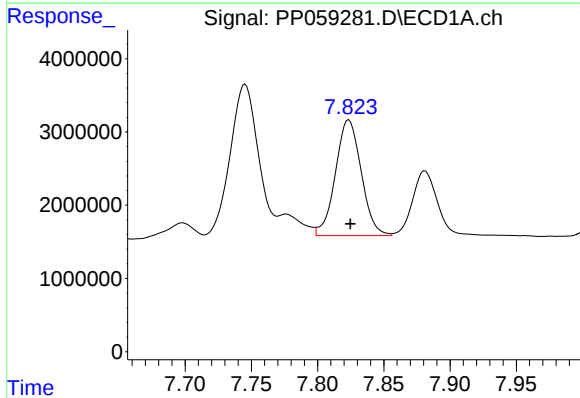
R.T.: 8.371 min
Delta R.T.: -0.002 min
Response: 39510501
Conc: 494.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



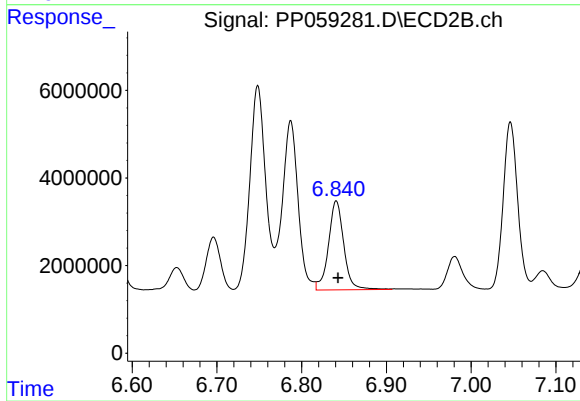
#35 AR-1260-5

R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 95864246
Conc: 520.09 ng/ml



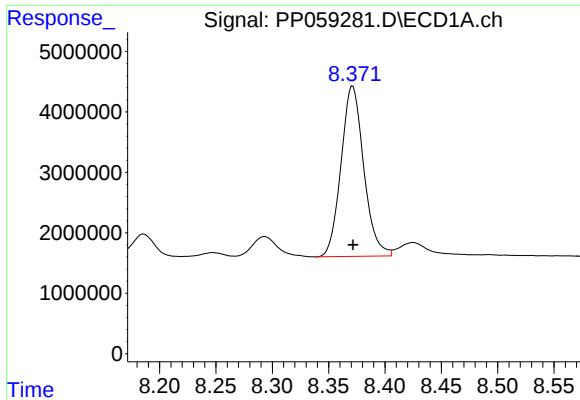
#36 AR-1262-1

R.T.: 7.824 min
Delta R.T.: -0.001 min
Response: 21440596
Conc: 336.63 ng/ml



#36 AR-1262-1

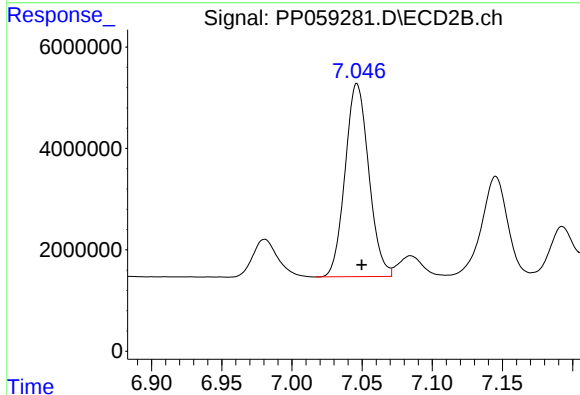
R.T.: 6.841 min
Delta R.T.: -0.002 min
Response: 25490079
Conc: 443.04 ng/ml



#37 AR-1262-2

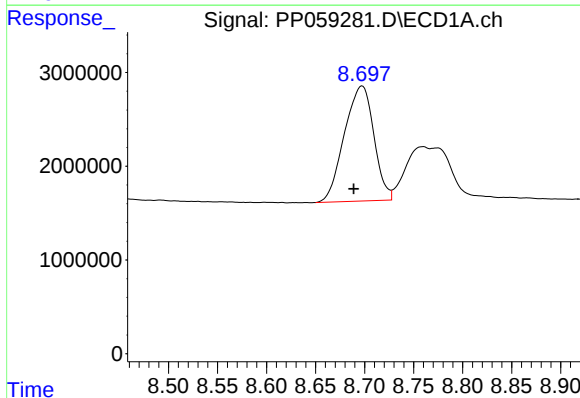
R.T.: 8.371 min
Delta R.T.: 0.000 min
Response: 39510501
Conc: 430.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



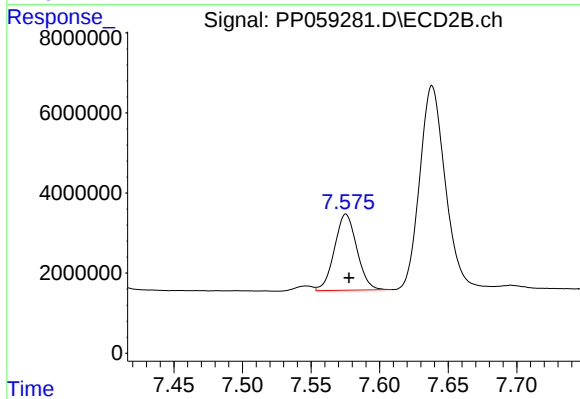
#37 AR-1262-2

R.T.: 7.046 min
Delta R.T.: -0.003 min
Response: 44700223
Conc: 378.82 ng/ml



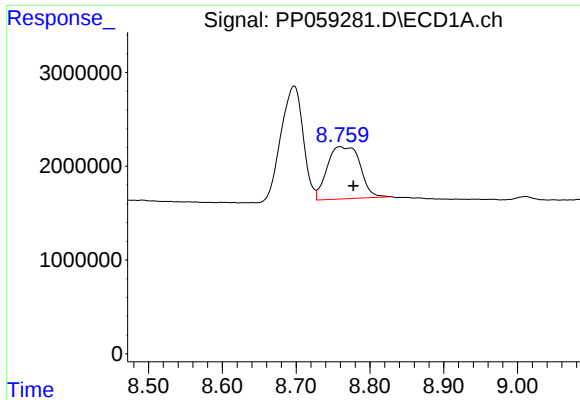
#38 AR-1262-3

R.T.: 8.698 min
Delta R.T.: 0.009 min
Response: 25706416
Conc: 399.46 ng/ml



#38 AR-1262-3

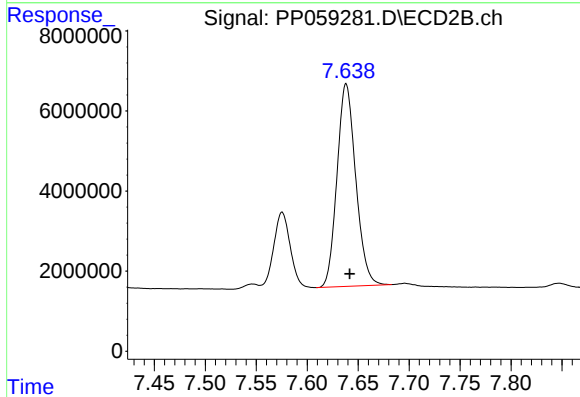
R.T.: 7.575 min
Delta R.T.: -0.002 min
Response: 21574296
Conc: 253.52 ng/ml



#39 AR-1262-4

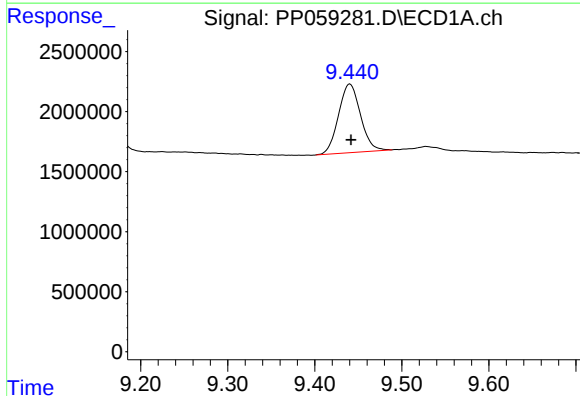
R.T.: 8.759 min
Delta R.T.: -0.018 min
Response: 17268446
Conc: 520.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



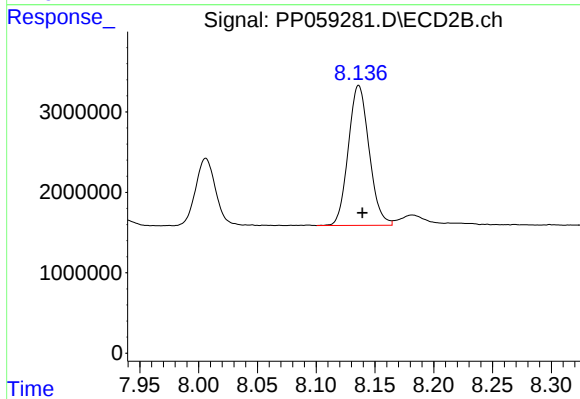
#39 AR-1262-4

R.T.: 7.638 min
Delta R.T.: -0.004 min
Response: 64723632
Conc: 428.46 ng/ml



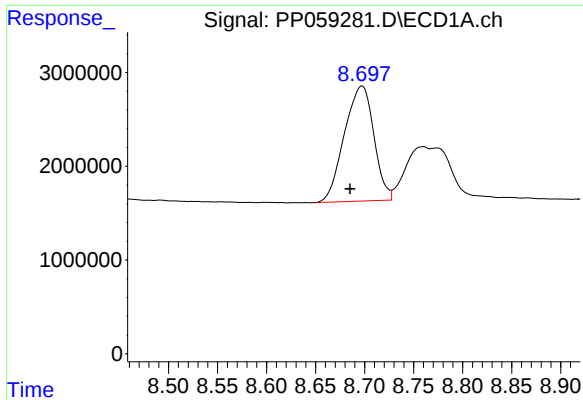
#40 AR-1262-5

R.T.: 9.440 min
Delta R.T.: -0.001 min
Response: 10019262
Conc: 335.75 ng/ml



#40 AR-1262-5

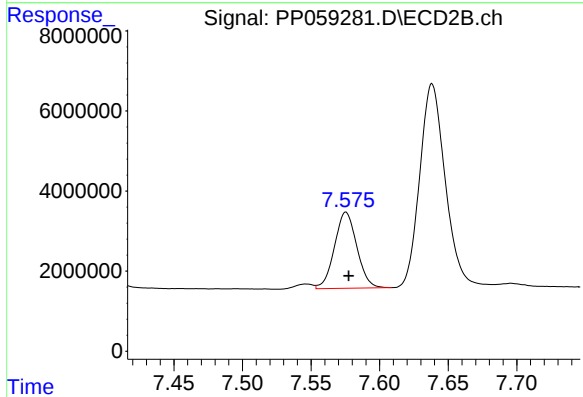
R.T.: 8.136 min
Delta R.T.: -0.003 min
Response: 21435240
Conc: 336.10 ng/ml



#41 AR-1268-1

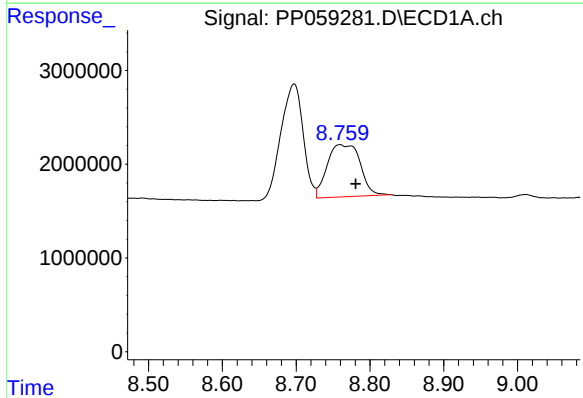
R.T.: 8.698 min
Delta R.T.: 0.012 min
Response: 25706416
Conc: 226.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



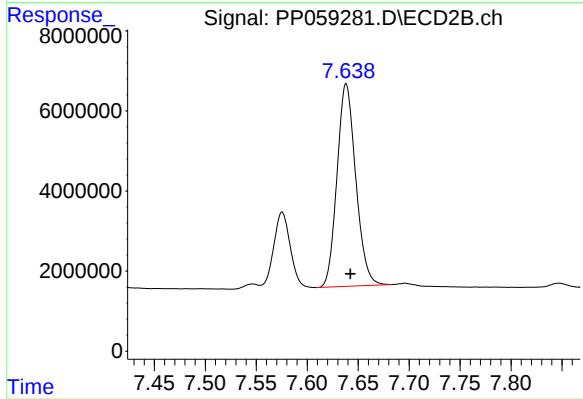
#41 AR-1268-1

R.T.: 7.575 min
Delta R.T.: -0.002 min
Response: 21574296
Conc: 88.47 ng/ml



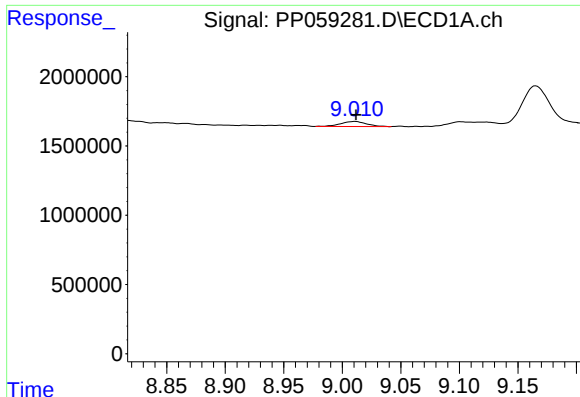
#42 AR-1268-2

R.T.: 8.759 min
Delta R.T.: -0.022 min
Response: 17268446
Conc: 175.46 ng/ml



#42 AR-1268-2

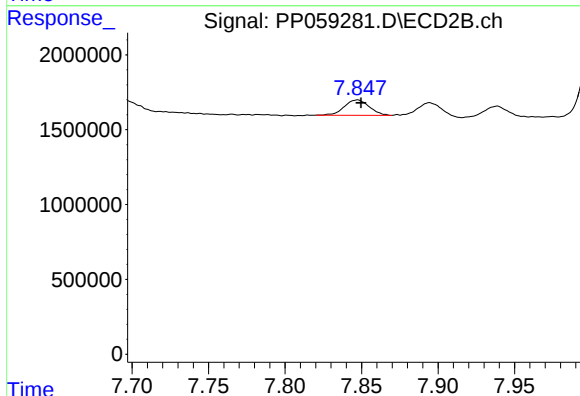
R.T.: 7.638 min
Delta R.T.: -0.004 min
Response: 64723632
Conc: 295.51 ng/ml



#43 AR-1268-3

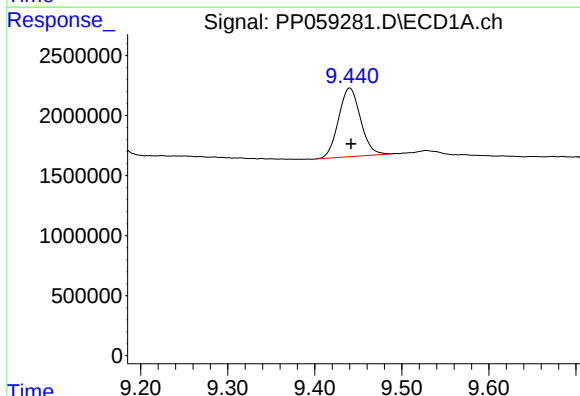
R.T.: 9.011 min
Delta R.T.: -0.001 min
Response: 569939
Conc: 6.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



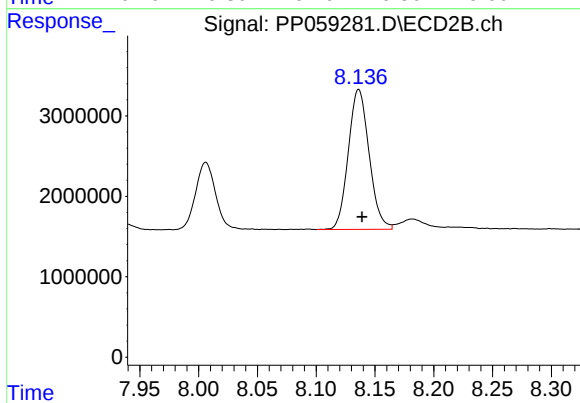
#43 AR-1268-3

R.T.: 7.847 min
Delta R.T.: -0.002 min
Response: 1163922
Conc: 5.95 ng/ml



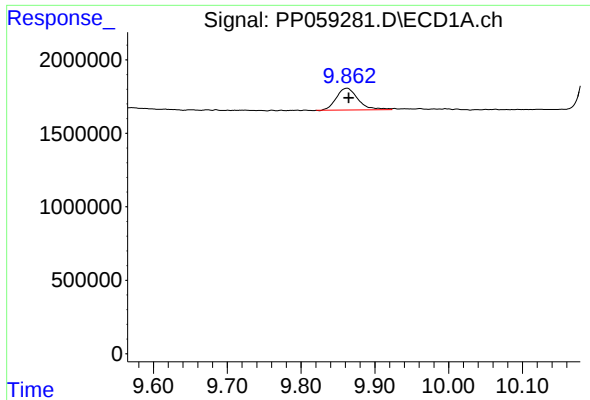
#44 AR-1268-4

R.T.: 9.440 min
Delta R.T.: -0.001 min
Response: 10019262
Conc: 314.08 ng/ml



#44 AR-1268-4

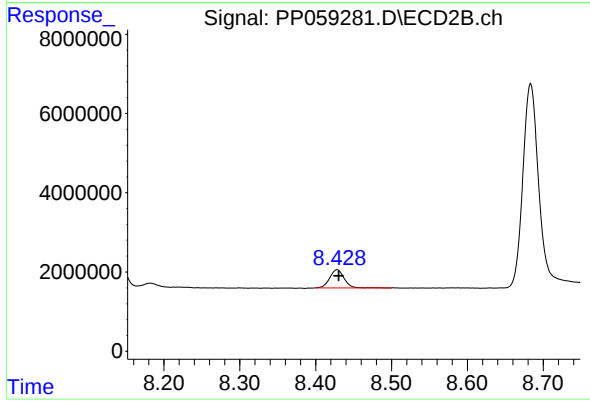
R.T.: 8.136 min
Delta R.T.: -0.003 min
Response: 21435240
Conc: 308.02 ng/ml



#45 AR-1268-5

R.T.: 9.862 min
Delta R.T.: -0.002 min
Response: 3029707
Conc: 11.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.428 min
Delta R.T.: -0.002 min
Response: 6061968
Conc: 11.69 ng/ml