

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120823\
 Data File : PP062311.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Dec 2023 14:41
 Operator : YP\AJ
 Sample : 05692-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 08 16:22:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 28 04:28:00 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...	4.448	3.719	27620020	28118433	20.981	15.627 #
2)	SA Decachlor...	10.238	8.839	17849485	29310670	17.296	14.201
Target Compounds							
3)	L1 AR-1016-1	5.623	4.831	25086734	29235891	506.269	441.324
4)	L1 AR-1016-2	5.646	4.851	34858678	41865886	467.285	453.179
5)	L1 AR-1016-3	5.710	5.031	22703048	22371864	461.322	441.003
6)	L1 AR-1016-4	5.807	5.073	21502138	18983675	565.714	416.657 #
7)	L1 AR-1016-5	6.103	5.291	15790083	22741677	410.597	393.379
8)	L2 AR-1221-1	4.655	3.938	6019159	3282915	337.292	129.999 #
9)	L2 AR-1221-2	4.744	4.025	3264128	4756918	244.752	250.084
10)	L2 AR-1221-3	4.821	4.104	16048110	16664239	403.330	289.247 #
11)	L3 AR-1232-1	4.821	4.104	16048110	16664239	482.145	353.914 #
12)	L3 AR-1232-2	5.354	4.851	21116988	41865886	1060.050	1017.166
13)	L3 AR-1232-3	5.646	5.031	34858678	22371864	1026.789	987.531
14)	L3 AR-1232-4	5.807	5.116	21502138	23173920	1272.695	1014.782
15)	L3 AR-1232-5	5.899	5.291	15490654	22741677	1027.871	893.637
16)	L4 AR-1242-1	5.623	4.831	25086734	29235891	631.228	551.768
17)	L4 AR-1242-2	5.646	4.851	34858678	41865886	586.315	574.979
18)	L4 AR-1242-3	5.710	5.031	22703048	22371864	580.601	552.053
19)	L4 AR-1242-4	5.807	5.116	21502138	23173920	709.030	513.447 #
20)	L4 AR-1242-5	6.546	5.650	3596002	23892676	119.937	456.576 #
21)	L5 AR-1248-1	5.623	4.831	25086734	29235891	821.009	732.305
22)	L5 AR-1248-2	5.899	5.073	15490654	18983675	316.643	300.553
23)	L5 AR-1248-3	6.103	5.116	15790083	23173920	303.511	353.332
24)	L5 AR-1248-4	0.000	5.291	0	22741677	N.D.	295.438 #
25)	L5 AR-1248-5	6.546	5.650	3596002	23892676	69.588	239.086 #
26)	L6 AR-1254-1	6.483	5.650	19362360	23892676	345.123	219.433 #
27)	L6 AR-1254-2	6.702	5.799	16695051	19166685	200.228	190.975
28)	L6 AR-1254-3	7.070	6.224	8527690	33896486	103.080	216.972 #
29)	L6 AR-1254-4	7.356	6.439	5074685	3439972	96.770	43.280 #
30)	L6 AR-1254-5	7.776	6.863	48081869	65929267	754.817	467.162 #
31)	L7 AR-1260-1	7.234	6.341	29904146	45271247	437.777	389.000
32)	L7 AR-1260-2	7.492	6.531	36021690	53072082	478.241	389.512
33)	L7 AR-1260-3	7.854	6.687	21545363	49440048	415.884	377.860
34)	L7 AR-1260-4	8.080	7.165	27684273	36952746	453.639	374.707
35)	L7 AR-1260-5	8.402	7.408	47358425	88713843	472.267	414.305
36)	L8 AR-1262-1	7.911	6.956	11460848	20166578	323.872	317.452
37)	L8 AR-1262-2	8.402	7.165	47358425	36952746	399.387	273.568 #
38)	L8 AR-1262-3	8.729	7.695	32143655	15819404	366.987	151.202 #
39)	L8 AR-1262-4	8.809	7.759	7066550	61228585	93.838	339.690 #
40)	L8 AR-1262-5	9.472	8.265	10920486	13516902	253.929	176.941 #
41)	L9 AR-1268-1	8.729	7.695	32143655	15819404	213.464	52.742 #

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 Misc :
 ALS Vial : 14 Sample Multiplier: 1

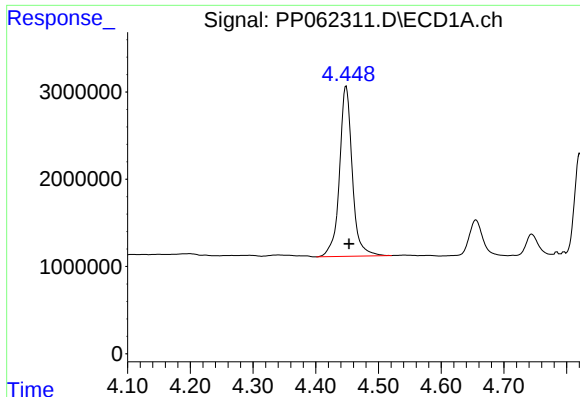
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 08 16:22:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112723.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	8.809	7.759	7066550	61228585	50.298	230.732 #
43) L9	AR-1268-3	9.042	7.971	1192422	1473968	10.051	6.068 #
44) L9	AR-1268-4	9.472	8.265	10920486	13516902	241.891	156.559 #
45) L9	AR-1268-5	9.893	8.570	3937177	5695012	12.012	8.237 #

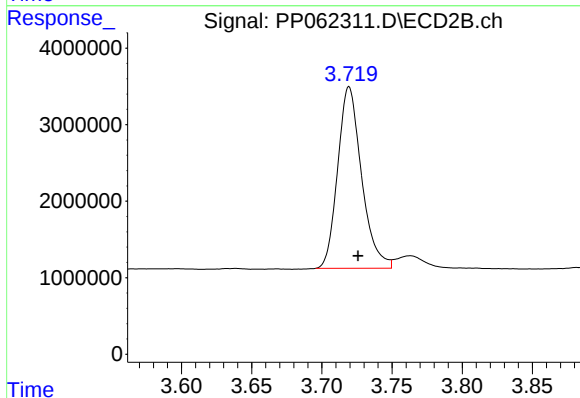
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

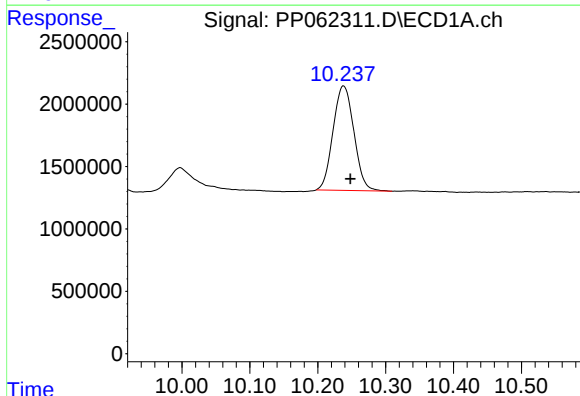
R.T.: 4.448 min
Delta R.T.: -0.005 min
Response: 27620020
Conc: 20.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



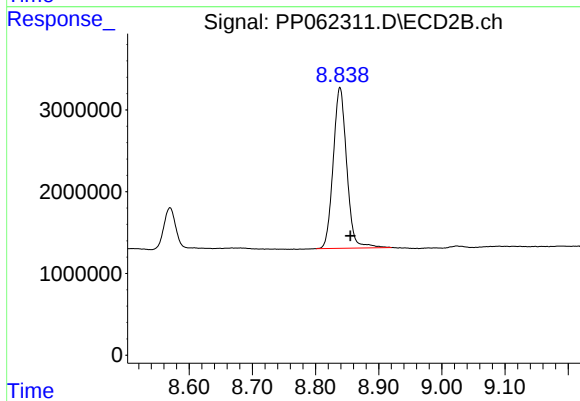
#1 Tetrachloro-m-xylene

R.T.: 3.719 min
Delta R.T.: -0.007 min
Response: 28118433
Conc: 15.63 ng/ml



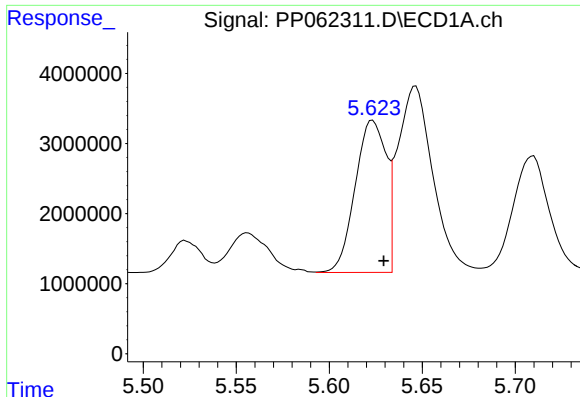
#2 Decachlorobiphenyl

R.T.: 10.238 min
Delta R.T.: -0.010 min
Response: 17849485
Conc: 17.30 ng/ml



#2 Decachlorobiphenyl

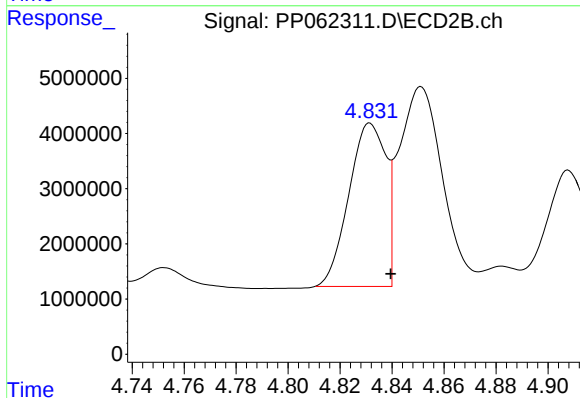
R.T.: 8.839 min
Delta R.T.: -0.017 min
Response: 29310670
Conc: 14.20 ng/ml



#3 AR-1016-1

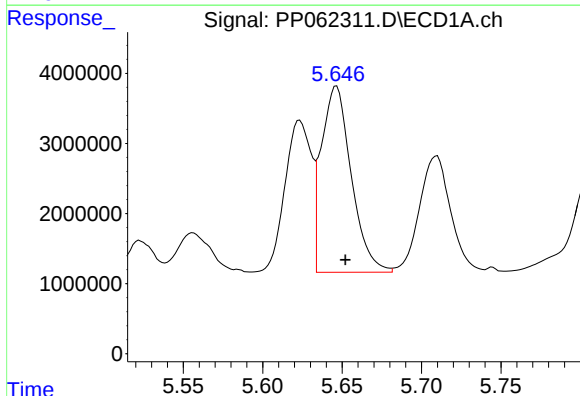
R.T.: 5.623 min
Delta R.T.: -0.006 min
Response: 25086734
Conc: 506.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



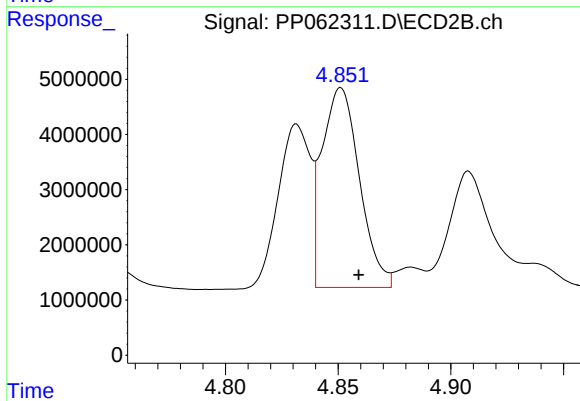
#3 AR-1016-1

R.T.: 4.831 min
Delta R.T.: -0.008 min
Response: 29235891
Conc: 441.32 ng/ml



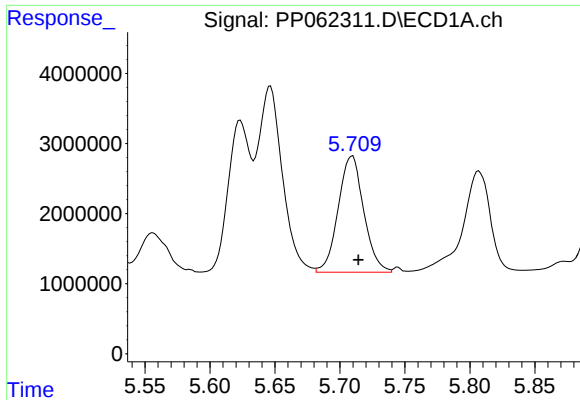
#4 AR-1016-2

R.T.: 5.646 min
Delta R.T.: -0.005 min
Response: 34858678
Conc: 467.28 ng/ml



#4 AR-1016-2

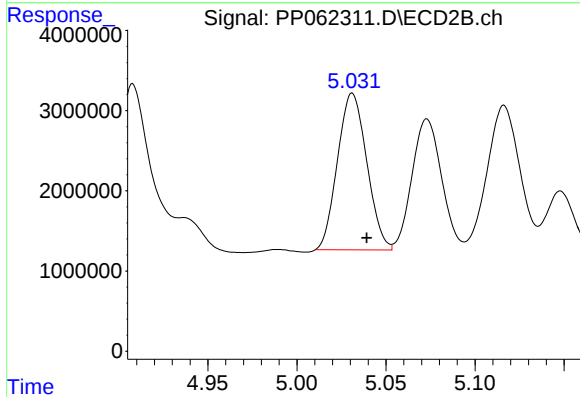
R.T.: 4.851 min
Delta R.T.: -0.008 min
Response: 41865886
Conc: 453.18 ng/ml



#5 AR-1016-3

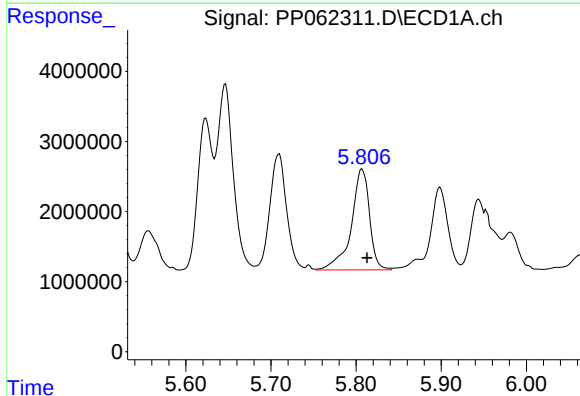
R.T.: 5.710 min
Delta R.T.: -0.005 min
Response: 22703048
Conc: 461.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



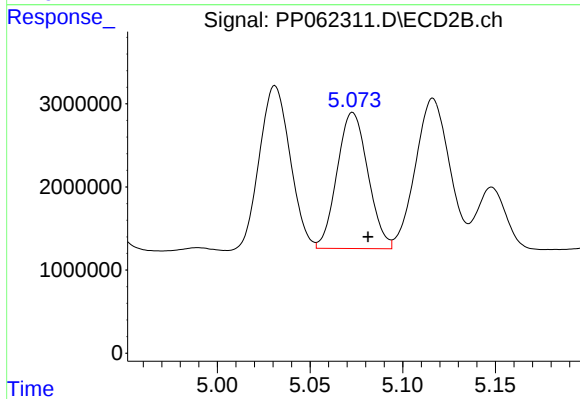
#5 AR-1016-3

R.T.: 5.031 min
Delta R.T.: -0.008 min
Response: 22371864
Conc: 441.00 ng/ml



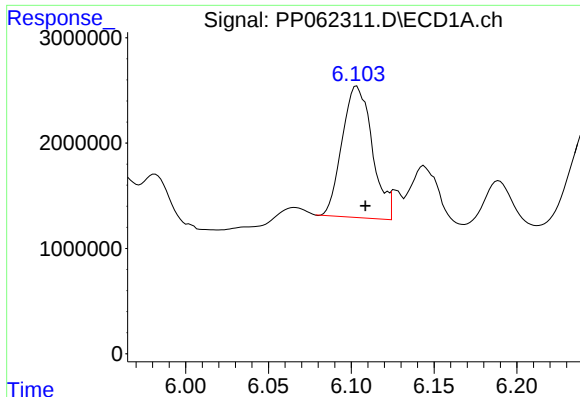
#6 AR-1016-4

R.T.: 5.807 min
Delta R.T.: -0.006 min
Response: 21502138
Conc: 565.71 ng/ml



#6 AR-1016-4

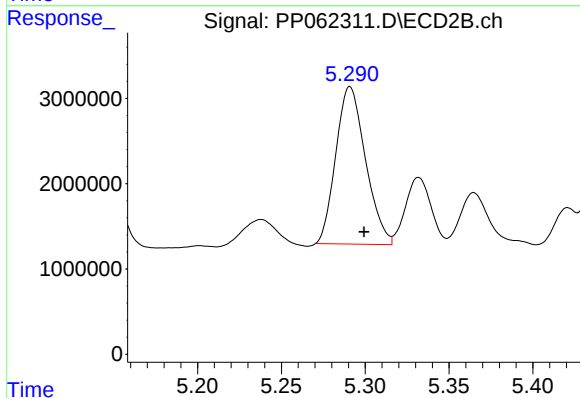
R.T.: 5.073 min
Delta R.T.: -0.008 min
Response: 18983675
Conc: 416.66 ng/ml



#7 AR-1016-5

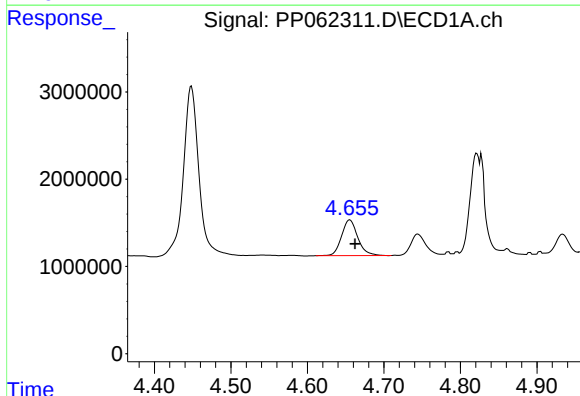
R.T.: 6.103 min
Delta R.T.: -0.005 min
Response: 15790083
Conc: 410.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



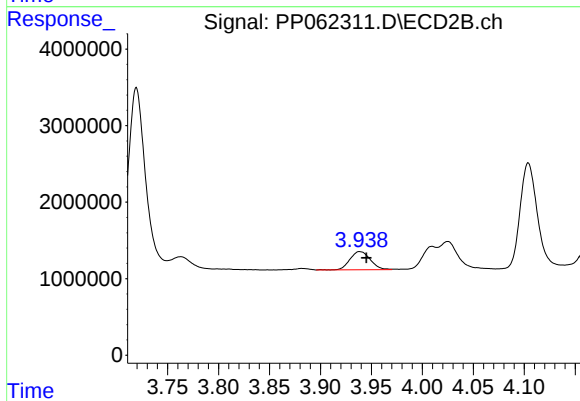
#7 AR-1016-5

R.T.: 5.291 min
Delta R.T.: -0.008 min
Response: 22741677
Conc: 393.38 ng/ml



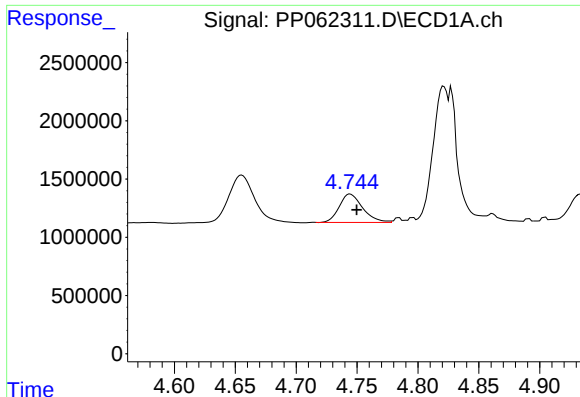
#8 AR-1221-1

R.T.: 4.655 min
Delta R.T.: -0.007 min
Response: 6019159
Conc: 337.29 ng/ml



#8 AR-1221-1

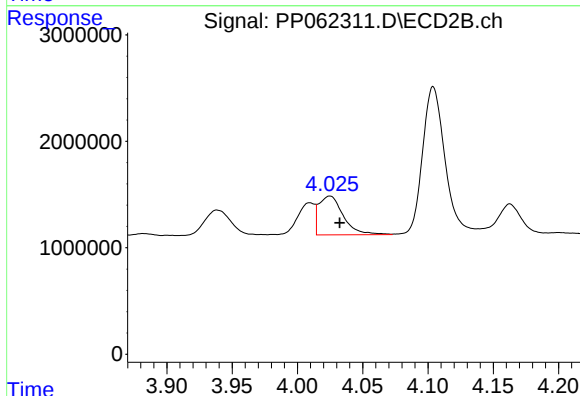
R.T.: 3.938 min
Delta R.T.: -0.007 min
Response: 3282915
Conc: 130.00 ng/ml



#9 AR-1221-2

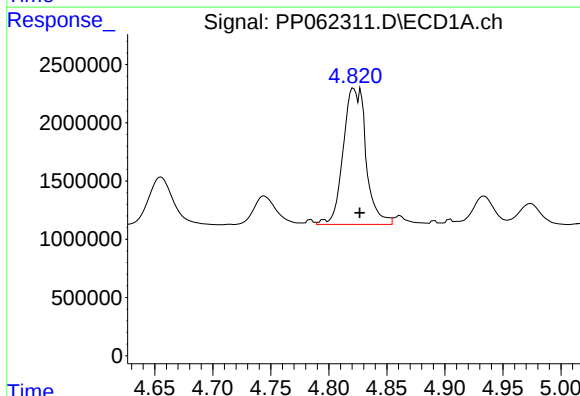
R.T.: 4.744 min
Delta R.T.: -0.005 min
Response: 3264128
Conc: 244.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



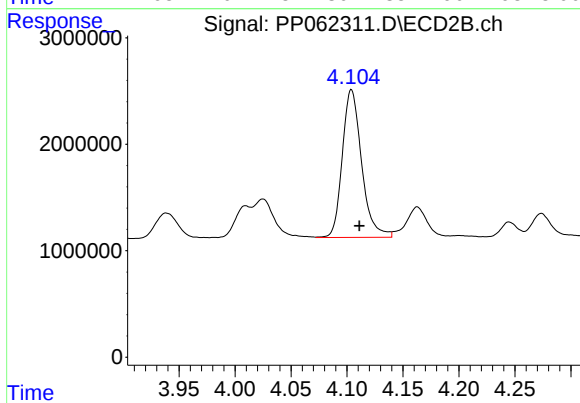
#9 AR-1221-2

R.T.: 4.025 min
Delta R.T.: -0.007 min
Response: 4756918
Conc: 250.08 ng/ml



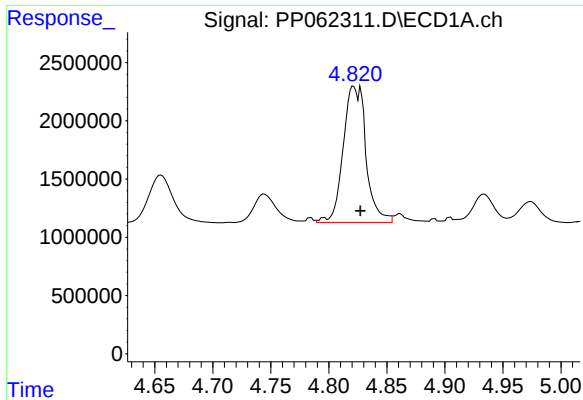
#10 AR-1221-3

R.T.: 4.821 min
Delta R.T.: -0.005 min
Response: 16048110
Conc: 403.33 ng/ml



#10 AR-1221-3

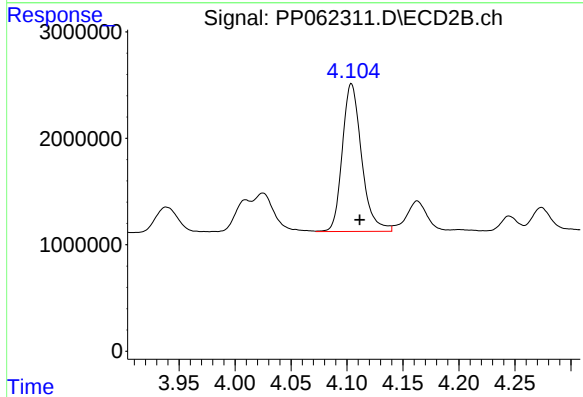
R.T.: 4.104 min
Delta R.T.: -0.007 min
Response: 16664239
Conc: 289.25 ng/ml



#11 AR-1232-1

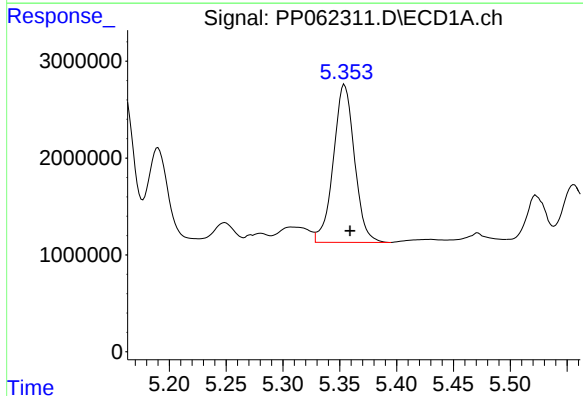
R.T.: 4.821 min
Delta R.T.: -0.006 min
Response: 16048110
Conc: 482.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



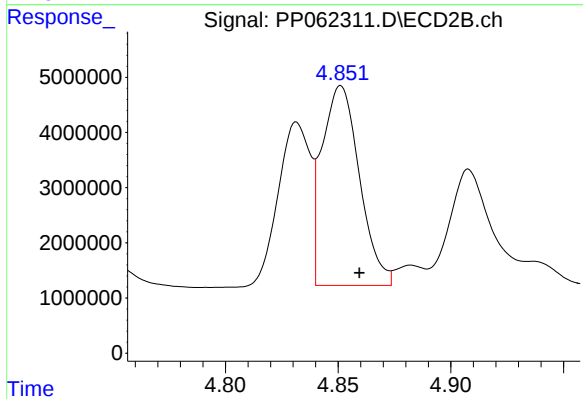
#11 AR-1232-1

R.T.: 4.104 min
Delta R.T.: -0.007 min
Response: 16664239
Conc: 353.91 ng/ml



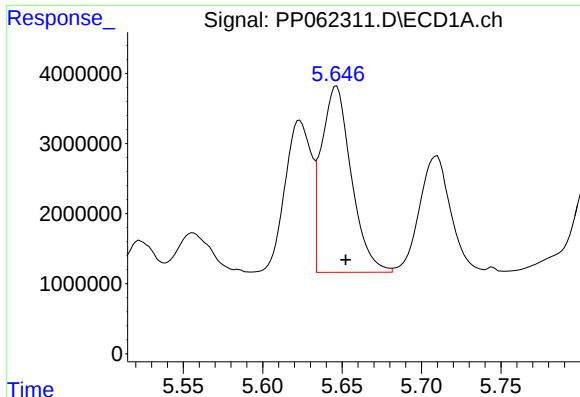
#12 AR-1232-2

R.T.: 5.354 min
Delta R.T.: -0.005 min
Response: 21116988
Conc: 1060.05 ng/ml



#12 AR-1232-2

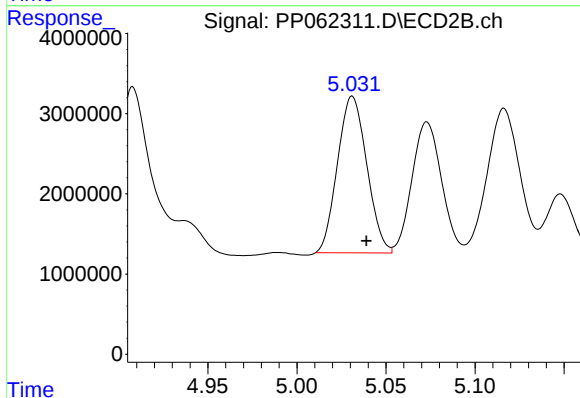
R.T.: 4.851 min
Delta R.T.: -0.008 min
Response: 41865886
Conc: 1017.17 ng/ml



#13 AR-1232-3

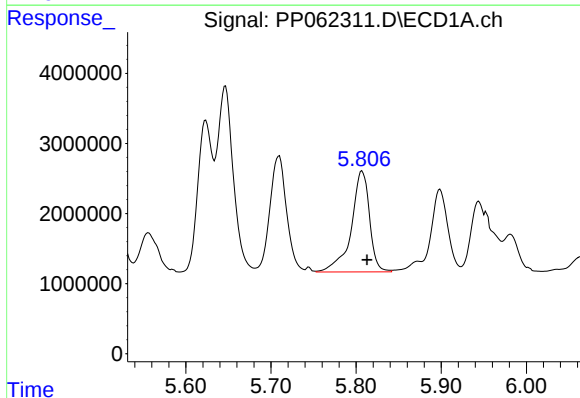
R.T.: 5.646 min
Delta R.T.: -0.006 min
Response: 34858678
Conc: 1026.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



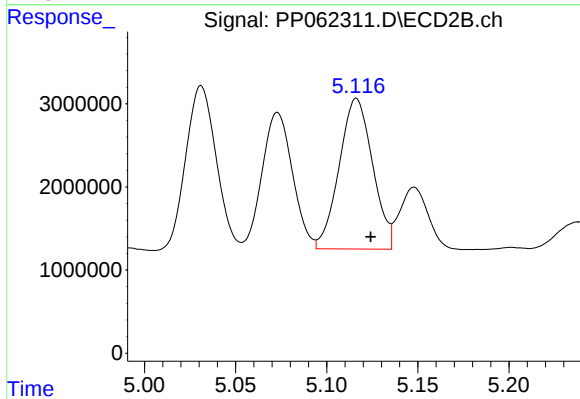
#13 AR-1232-3

R.T.: 5.031 min
Delta R.T.: -0.008 min
Response: 22371864
Conc: 987.53 ng/ml



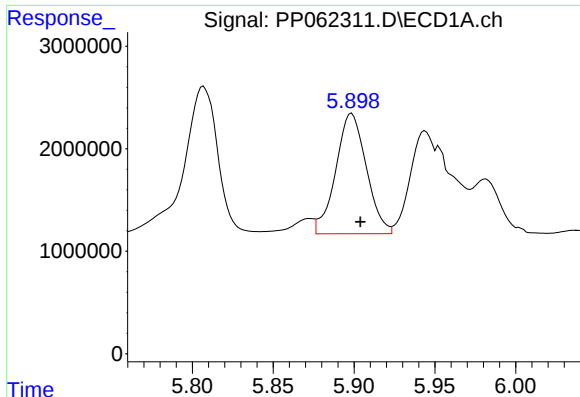
#14 AR-1232-4

R.T.: 5.807 min
Delta R.T.: -0.006 min
Response: 21502138
Conc: 1272.69 ng/ml



#14 AR-1232-4

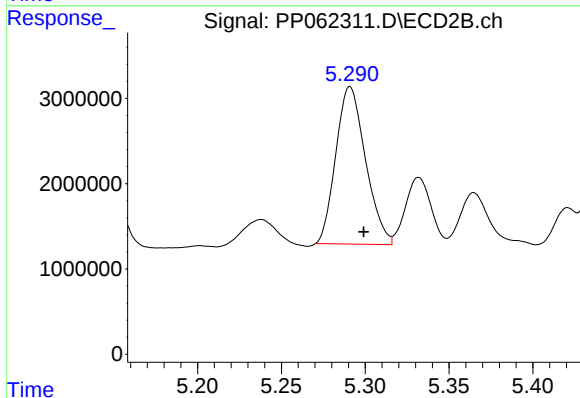
R.T.: 5.116 min
Delta R.T.: -0.008 min
Response: 23173920
Conc: 1014.78 ng/ml



#15 AR-1232-5

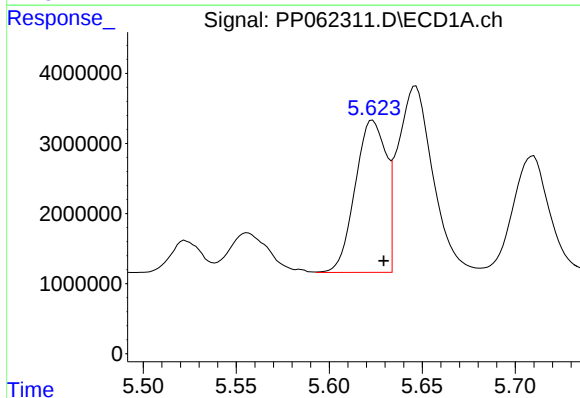
R.T.: 5.899 min
Delta R.T.: -0.005 min
Response: 15490654
Conc: 1027.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



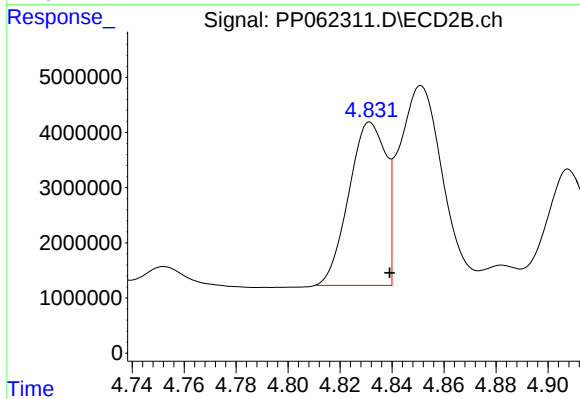
#15 AR-1232-5

R.T.: 5.291 min
Delta R.T.: -0.008 min
Response: 22741677
Conc: 893.64 ng/ml



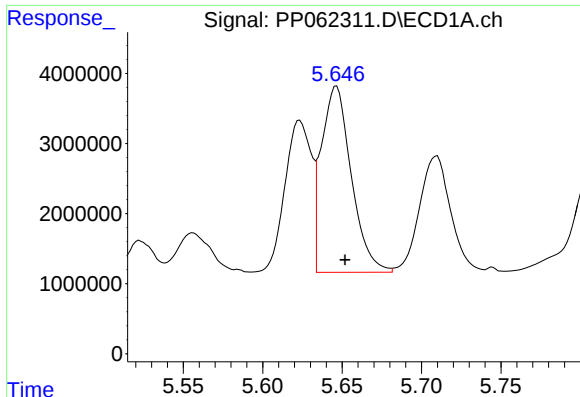
#16 AR-1242-1

R.T.: 5.623 min
Delta R.T.: -0.006 min
Response: 25086734
Conc: 631.23 ng/ml



#16 AR-1242-1

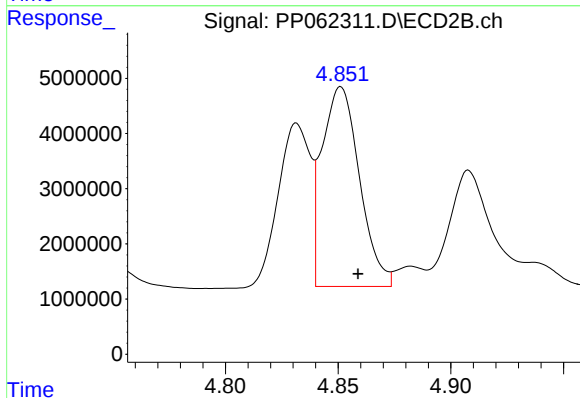
R.T.: 4.831 min
Delta R.T.: -0.008 min
Response: 29235891
Conc: 551.77 ng/ml



#17 AR-1242-2

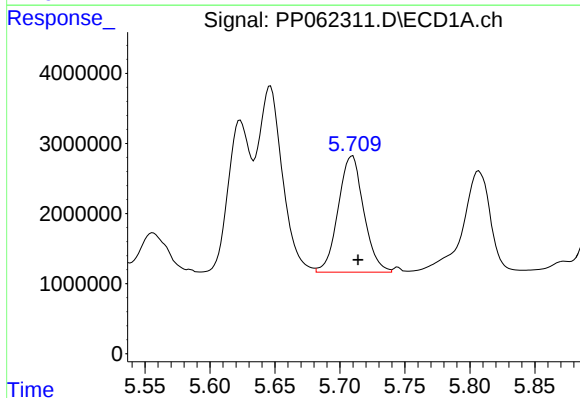
R.T.: 5.646 min
Delta R.T.: -0.005 min
Response: 34858678
Conc: 586.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



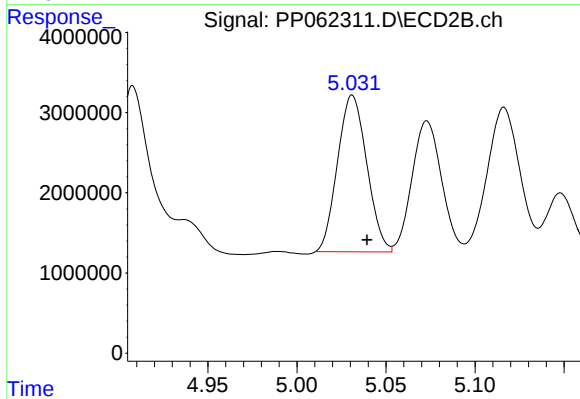
#17 AR-1242-2

R.T.: 4.851 min
Delta R.T.: -0.008 min
Response: 41865886
Conc: 574.98 ng/ml



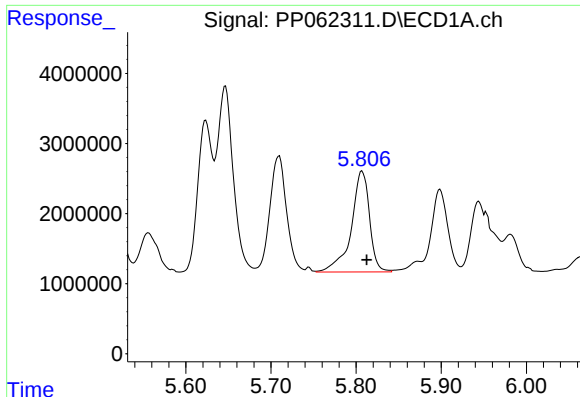
#18 AR-1242-3

R.T.: 5.710 min
Delta R.T.: -0.005 min
Response: 22703048
Conc: 580.60 ng/ml



#18 AR-1242-3

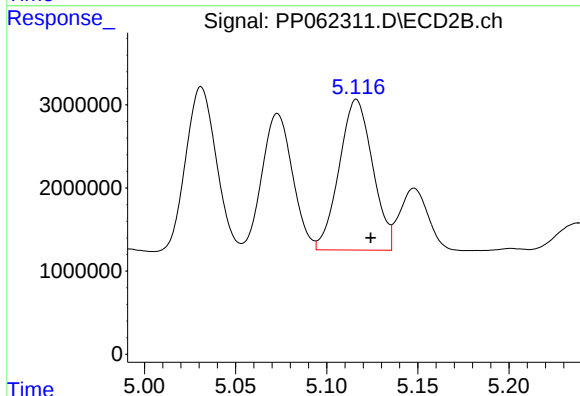
R.T.: 5.031 min
Delta R.T.: -0.008 min
Response: 22371864
Conc: 552.05 ng/ml



#19 AR-1242-4

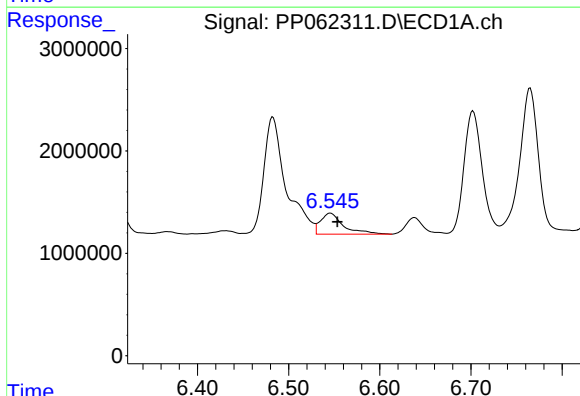
R.T.: 5.807 min
Delta R.T.: -0.005 min
Response: 21502138
Conc: 709.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



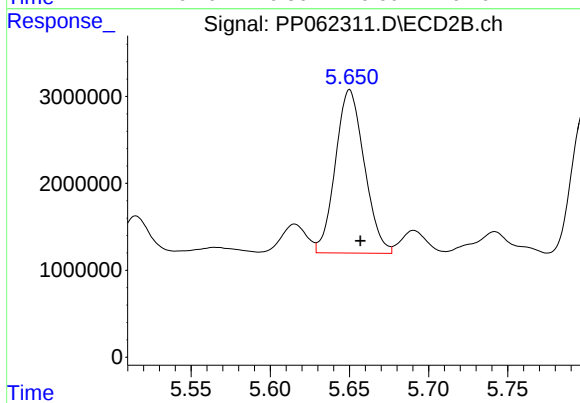
#19 AR-1242-4

R.T.: 5.116 min
Delta R.T.: -0.008 min
Response: 23173920
Conc: 513.45 ng/ml



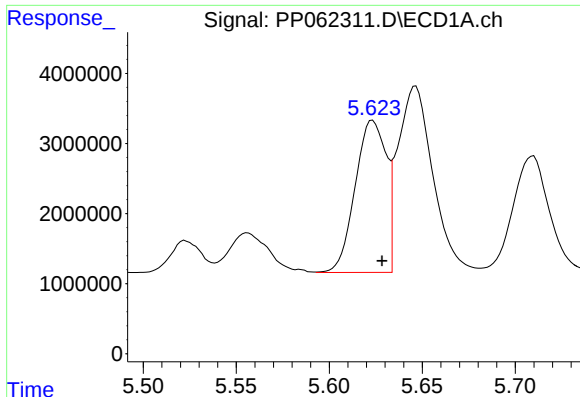
#20 AR-1242-5

R.T.: 6.546 min
Delta R.T.: -0.008 min
Response: 3596002
Conc: 119.94 ng/ml



#20 AR-1242-5

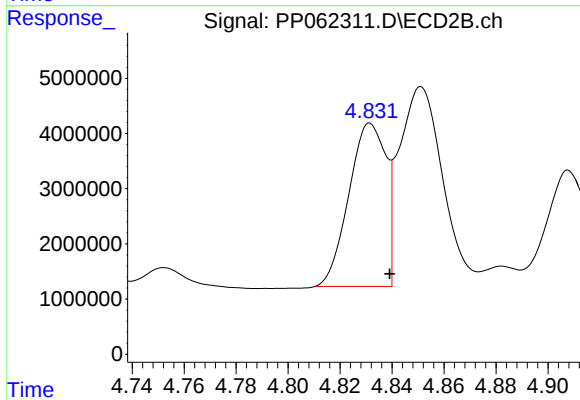
R.T.: 5.650 min
Delta R.T.: -0.007 min
Response: 23892676
Conc: 456.58 ng/ml



#21 AR-1248-1

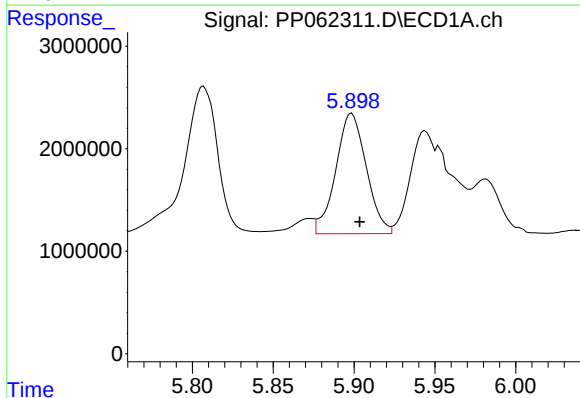
R.T.: 5.623 min
Delta R.T.: -0.005 min
Response: 25086734
Conc: 821.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



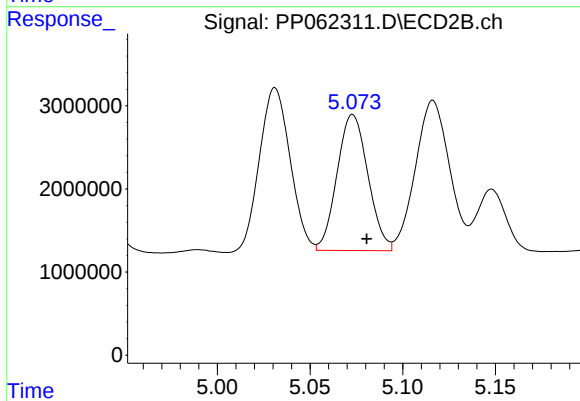
#21 AR-1248-1

R.T.: 4.831 min
Delta R.T.: -0.008 min
Response: 29235891
Conc: 732.30 ng/ml



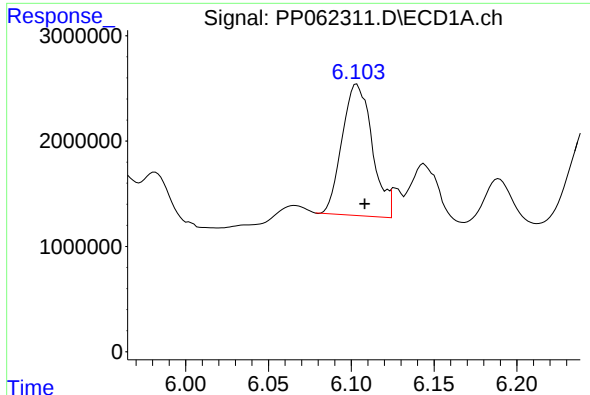
#22 AR-1248-2

R.T.: 5.899 min
Delta R.T.: -0.005 min
Response: 15490654
Conc: 316.64 ng/ml



#22 AR-1248-2

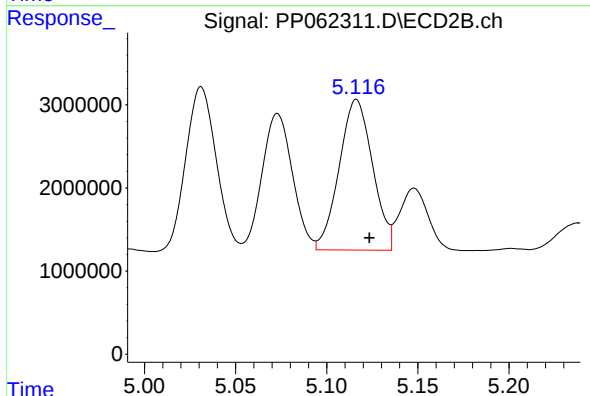
R.T.: 5.073 min
Delta R.T.: -0.008 min
Response: 18983675
Conc: 300.55 ng/ml



#23 AR-1248-3

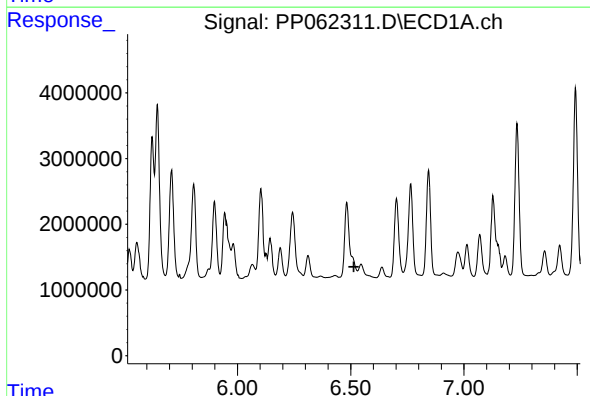
R.T.: 6.103 min
Delta R.T.: -0.005 min
Response: 15790083
Conc: 303.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



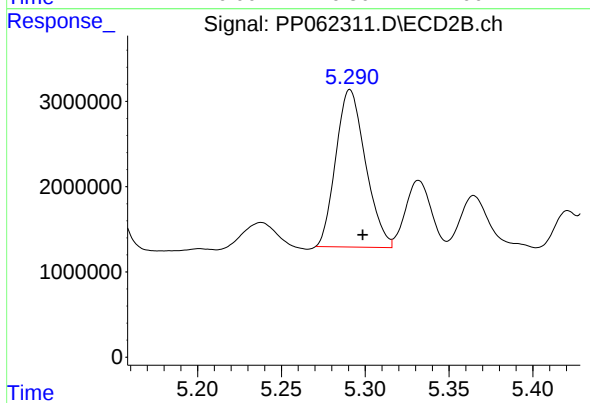
#23 AR-1248-3

R.T.: 5.116 min
Delta R.T.: -0.007 min
Response: 23173920
Conc: 353.33 ng/ml



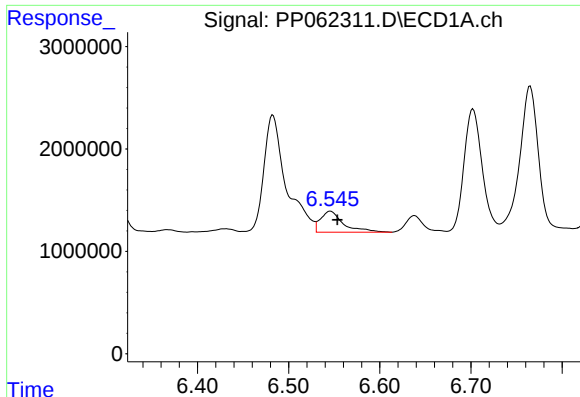
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.514 min
Response: 0
Conc: N.D.



#24 AR-1248-4

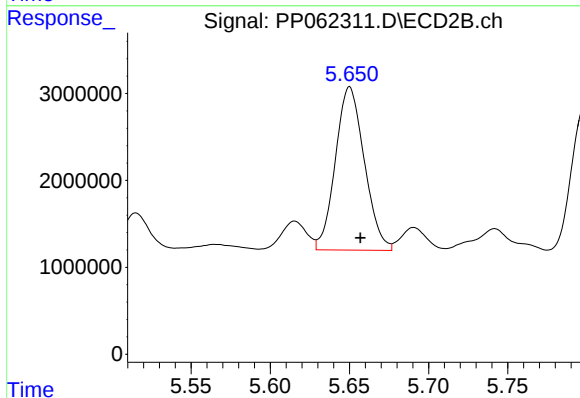
R.T.: 5.291 min
Delta R.T.: -0.008 min
Response: 22741677
Conc: 295.44 ng/ml



#25 AR-1248-5

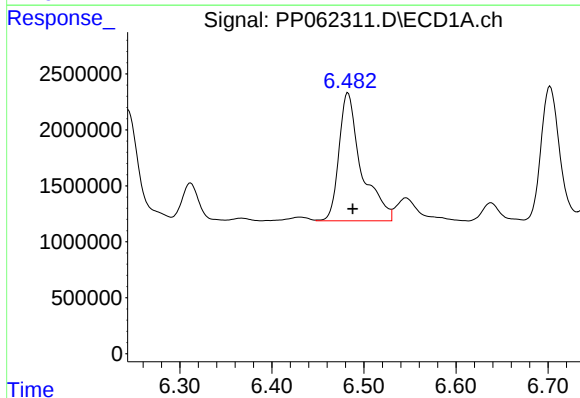
R.T.: 6.546 min
Delta R.T.: -0.008 min
Response: 3596002
Conc: 69.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



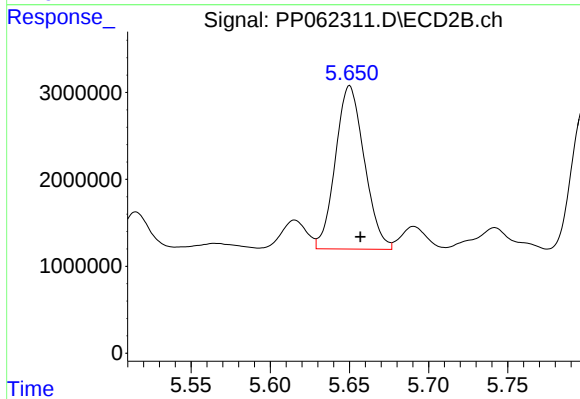
#25 AR-1248-5

R.T.: 5.650 min
Delta R.T.: -0.007 min
Response: 23892676
Conc: 239.09 ng/ml



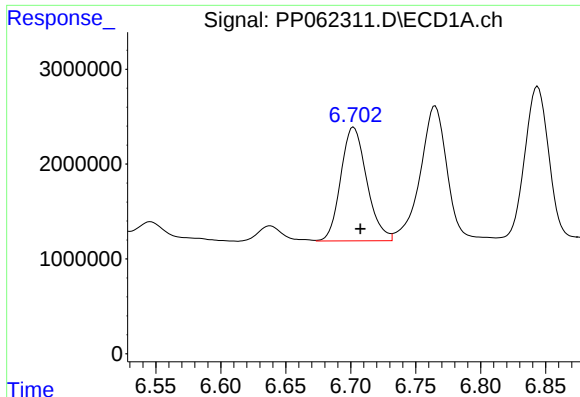
#26 AR-1254-1

R.T.: 6.483 min
Delta R.T.: -0.005 min
Response: 19362360
Conc: 345.12 ng/ml



#26 AR-1254-1

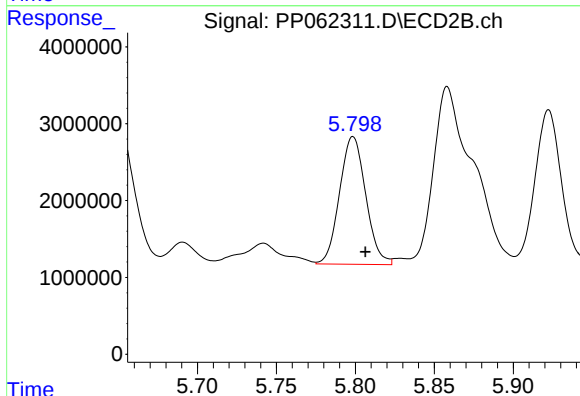
R.T.: 5.650 min
Delta R.T.: -0.007 min
Response: 23892676
Conc: 219.43 ng/ml



#27 AR-1254-2

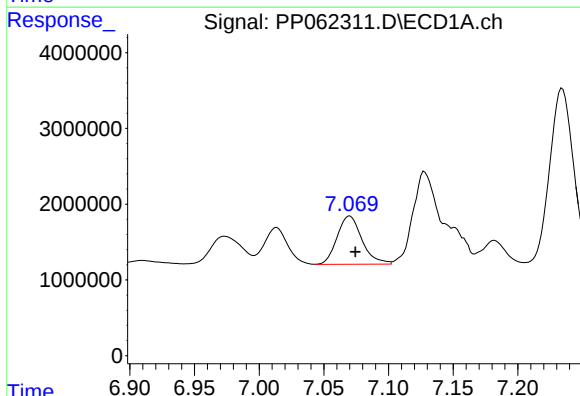
R.T.: 6.702 min
Delta R.T.: -0.005 min
Response: 16695051
Conc: 200.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



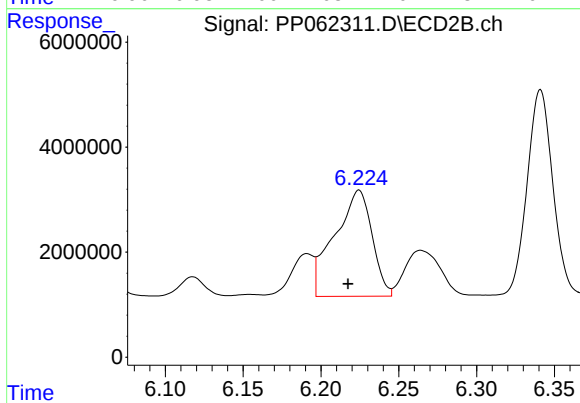
#27 AR-1254-2

R.T.: 5.799 min
Delta R.T.: -0.008 min
Response: 19166685
Conc: 190.97 ng/ml



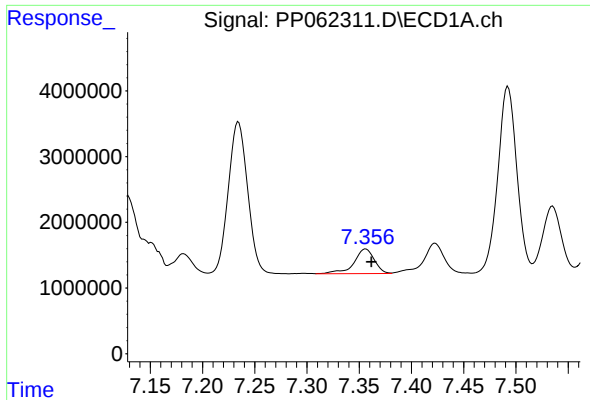
#28 AR-1254-3

R.T.: 7.070 min
Delta R.T.: -0.004 min
Response: 8527690
Conc: 103.08 ng/ml



#28 AR-1254-3

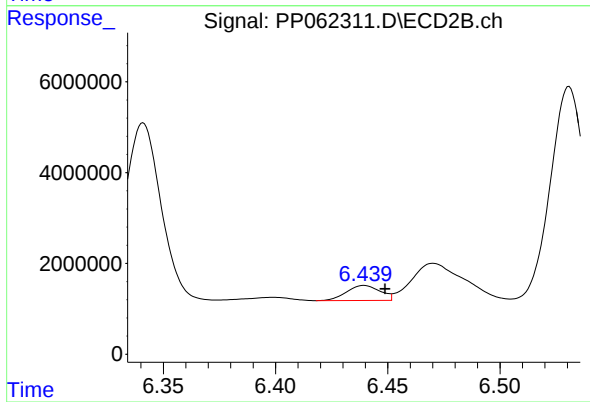
R.T.: 6.224 min
Delta R.T.: 0.007 min
Response: 33896486
Conc: 216.97 ng/ml



#29 AR-1254-4

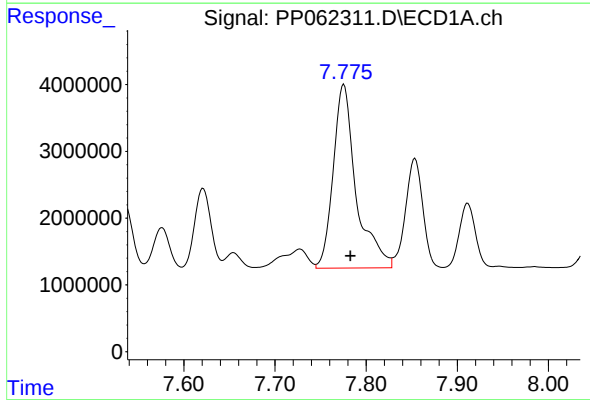
R.T.: 7.356 min
Delta R.T.: -0.005 min
Response: 5074685
Conc: 96.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



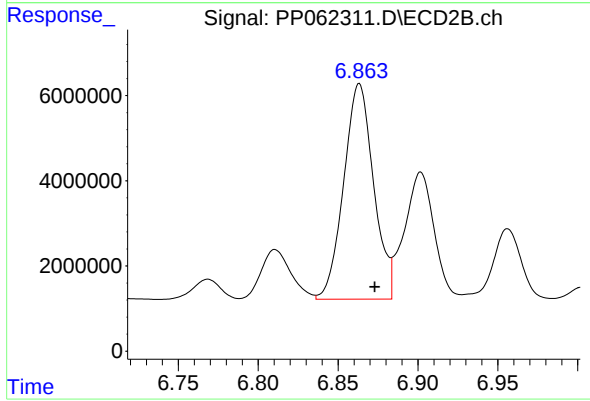
#29 AR-1254-4

R.T.: 6.439 min
Delta R.T.: -0.009 min
Response: 3439972
Conc: 43.28 ng/ml



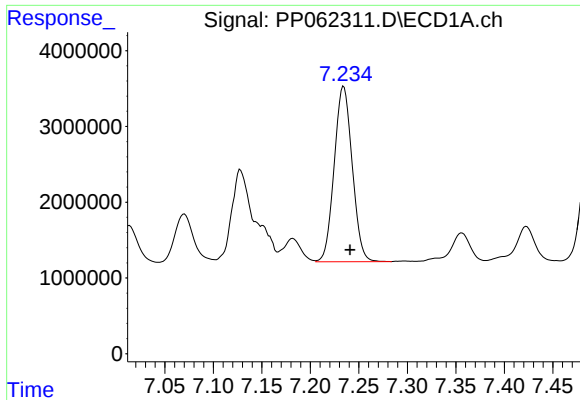
#30 AR-1254-5

R.T.: 7.776 min
Delta R.T.: -0.007 min
Response: 48081869
Conc: 754.82 ng/ml



#30 AR-1254-5

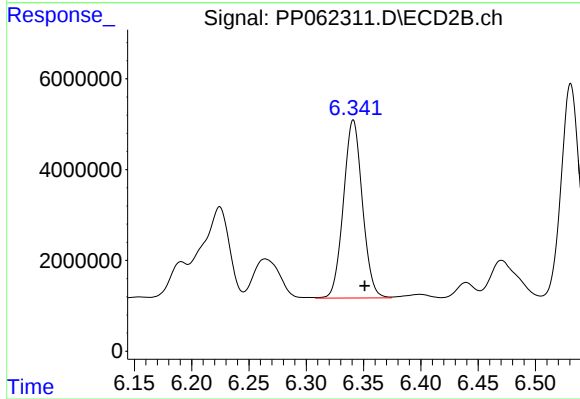
R.T.: 6.863 min
Delta R.T.: -0.010 min
Response: 65929267
Conc: 467.16 ng/ml



#31 AR-1260-1

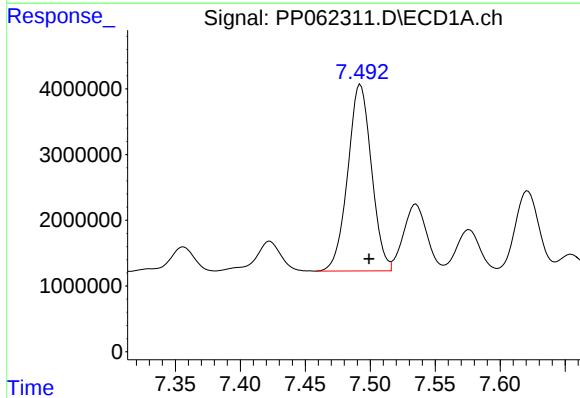
R.T.: 7.234 min
Delta R.T.: -0.007 min
Response: 29904146
Conc: 437.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



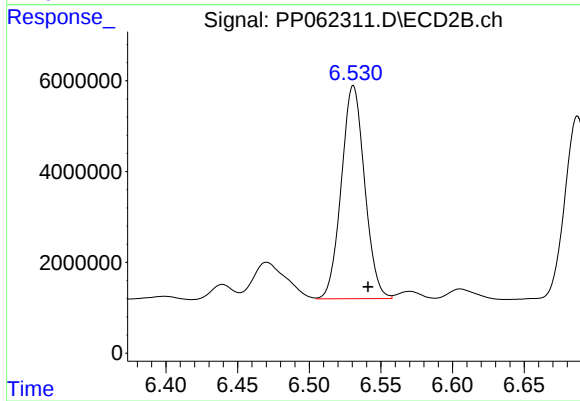
#31 AR-1260-1

R.T.: 6.341 min
Delta R.T.: -0.010 min
Response: 45271247
Conc: 389.00 ng/ml



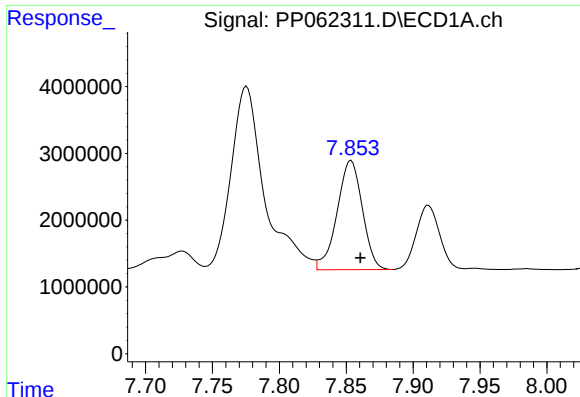
#32 AR-1260-2

R.T.: 7.492 min
Delta R.T.: -0.007 min
Response: 36021690
Conc: 478.24 ng/ml



#32 AR-1260-2

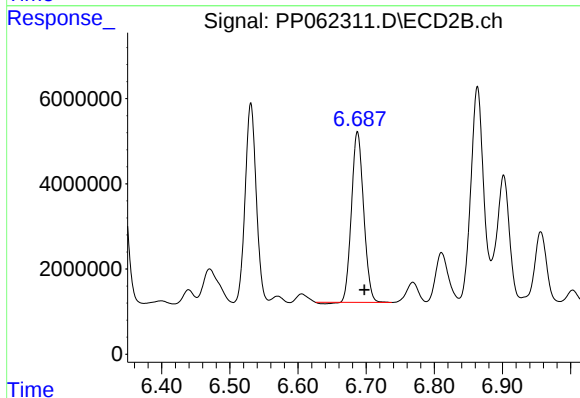
R.T.: 6.531 min
Delta R.T.: -0.010 min
Response: 53072082
Conc: 389.51 ng/ml



#33 AR-1260-3

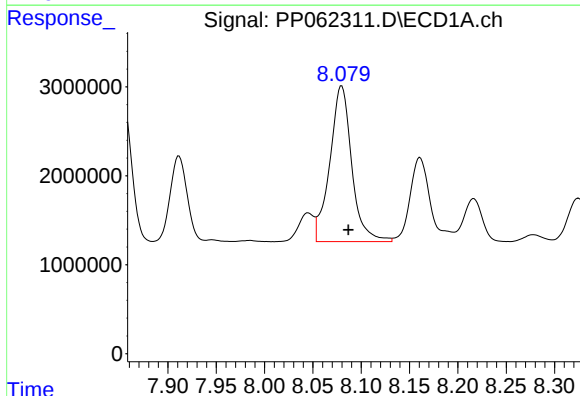
R.T.: 7.854 min
Delta R.T.: -0.007 min
Response: 21545363
Conc: 415.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



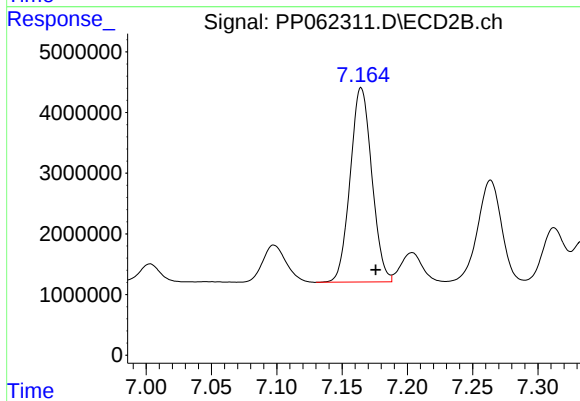
#33 AR-1260-3

R.T.: 6.687 min
Delta R.T.: -0.010 min
Response: 49440048
Conc: 377.86 ng/ml



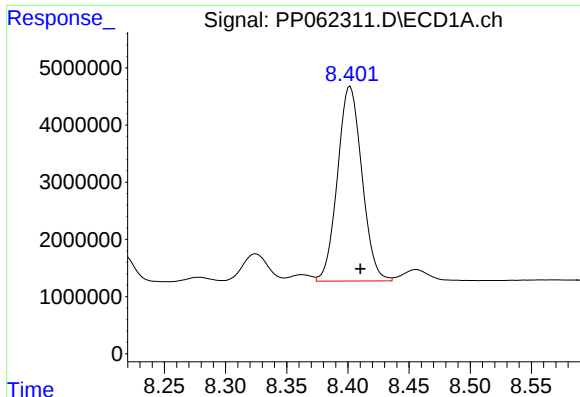
#34 AR-1260-4

R.T.: 8.080 min
Delta R.T.: -0.007 min
Response: 27684273
Conc: 453.64 ng/ml



#34 AR-1260-4

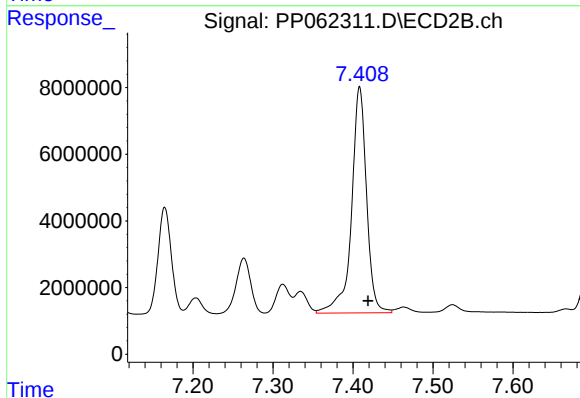
R.T.: 7.165 min
Delta R.T.: -0.011 min
Response: 36952746
Conc: 374.71 ng/ml



#35 AR-1260-5

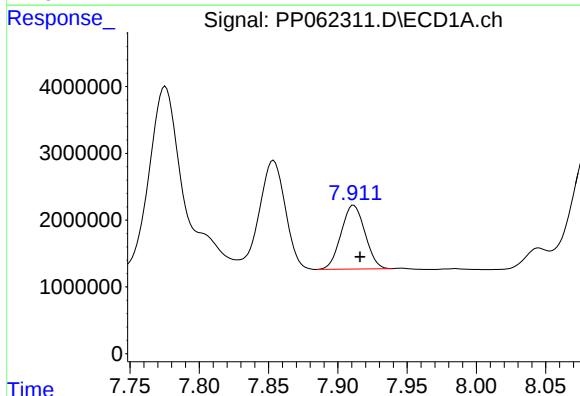
R.T.: 8.402 min
Delta R.T.: -0.008 min
Response: 47358425
Conc: 472.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



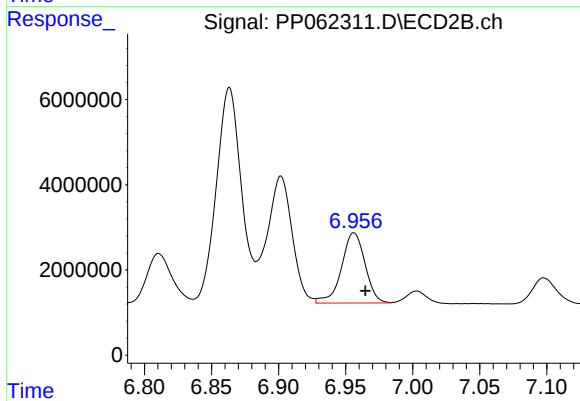
#35 AR-1260-5

R.T.: 7.408 min
Delta R.T.: -0.011 min
Response: 88713843
Conc: 414.31 ng/ml



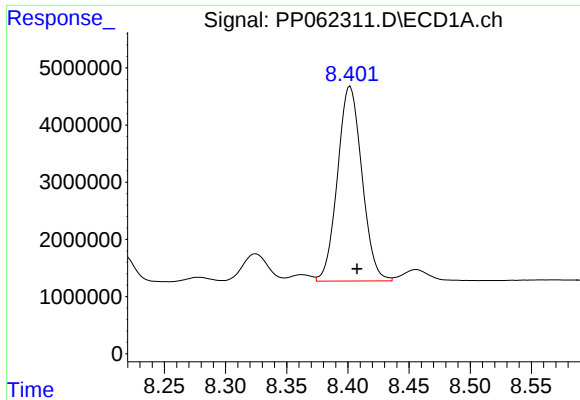
#36 AR-1262-1

R.T.: 7.911 min
Delta R.T.: -0.004 min
Response: 11460848
Conc: 323.87 ng/ml



#36 AR-1262-1

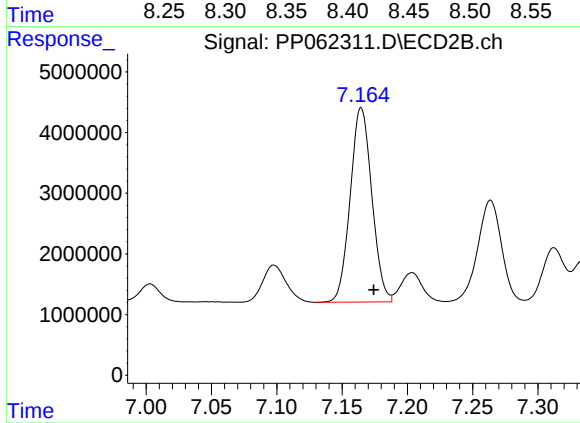
R.T.: 6.956 min
Delta R.T.: -0.009 min
Response: 20166578
Conc: 317.45 ng/ml



#37 AR-1262-2

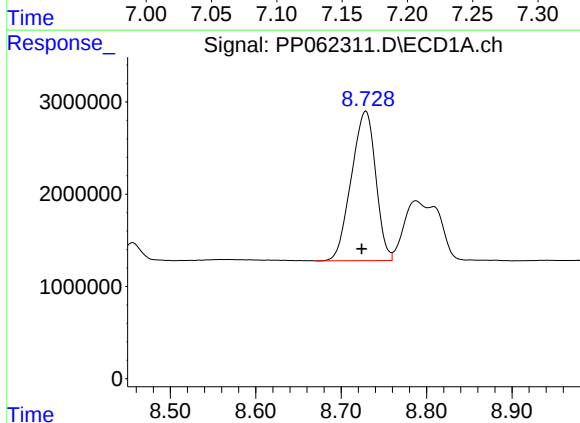
R.T.: 8.402 min
Delta R.T.: -0.006 min
Response: 47358425
Conc: 399.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



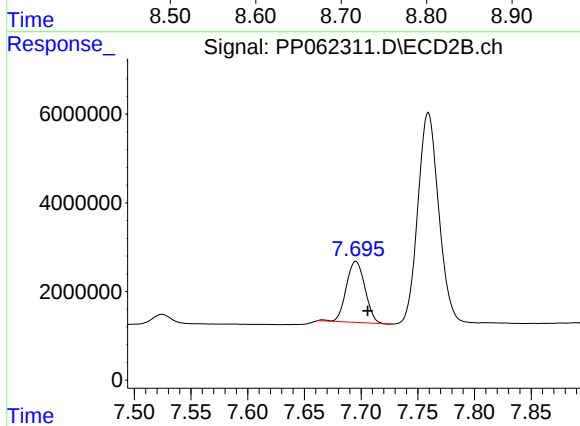
#37 AR-1262-2

R.T.: 7.165 min
Delta R.T.: -0.010 min
Response: 36952746
Conc: 273.57 ng/ml



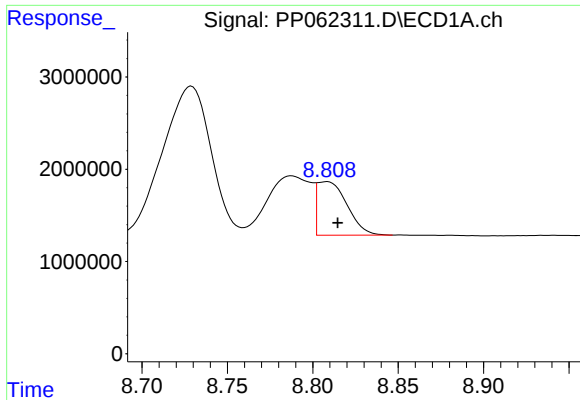
#38 AR-1262-3

R.T.: 8.729 min
Delta R.T.: 0.005 min
Response: 32143655
Conc: 366.99 ng/ml



#38 AR-1262-3

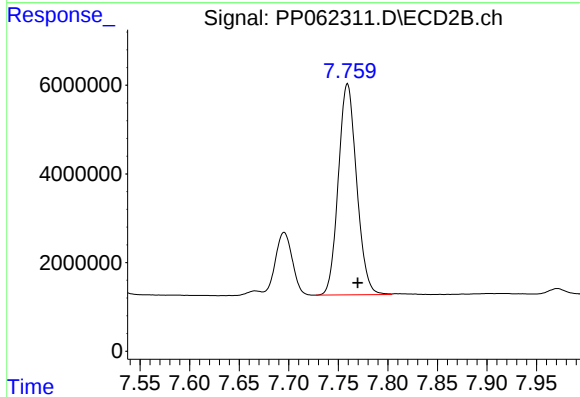
R.T.: 7.695 min
Delta R.T.: -0.011 min
Response: 15819404
Conc: 151.20 ng/ml



#39 AR-1262-4

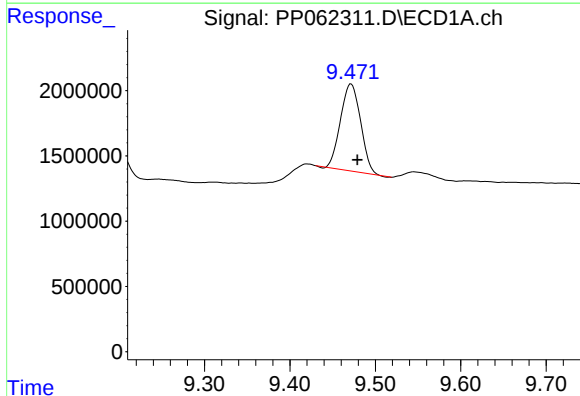
R.T.: 8.809 min
Delta R.T.: -0.006 min
Response: 7066550
Conc: 93.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



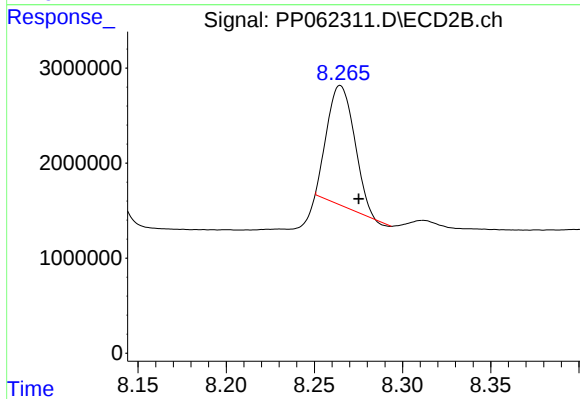
#39 AR-1262-4

R.T.: 7.759 min
Delta R.T.: -0.010 min
Response: 61228585
Conc: 339.69 ng/ml



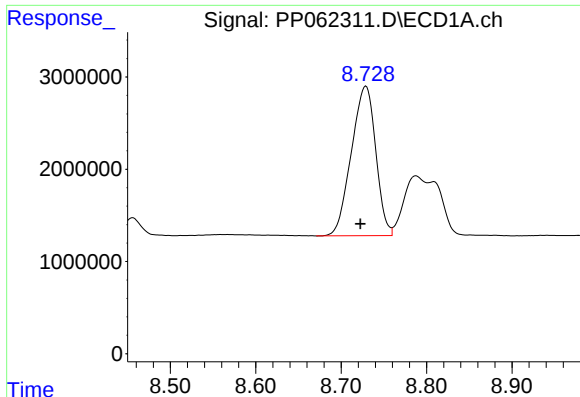
#40 AR-1262-5

R.T.: 9.472 min
Delta R.T.: -0.007 min
Response: 10920486
Conc: 253.93 ng/ml



#40 AR-1262-5

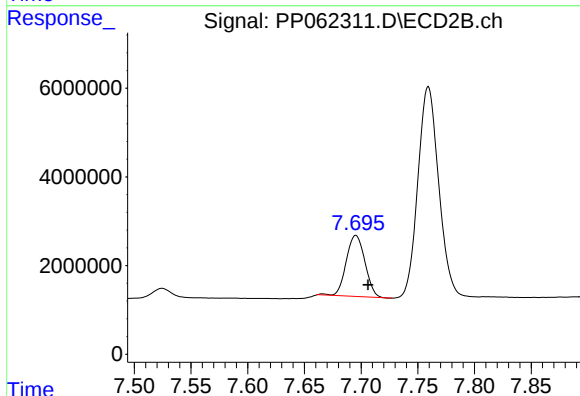
R.T.: 8.265 min
Delta R.T.: -0.010 min
Response: 13516902
Conc: 176.94 ng/ml



#41 AR-1268-1

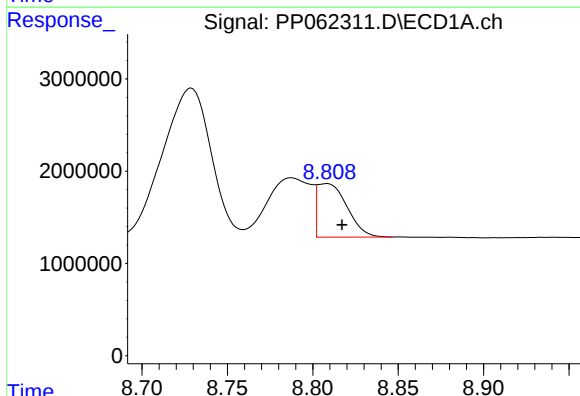
R.T.: 8.729 min
Delta R.T.: 0.006 min
Response: 32143655
Conc: 213.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



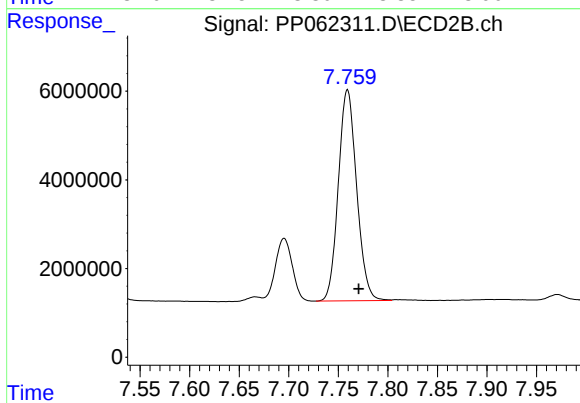
#41 AR-1268-1

R.T.: 7.695 min
Delta R.T.: -0.011 min
Response: 15819404
Conc: 52.74 ng/ml



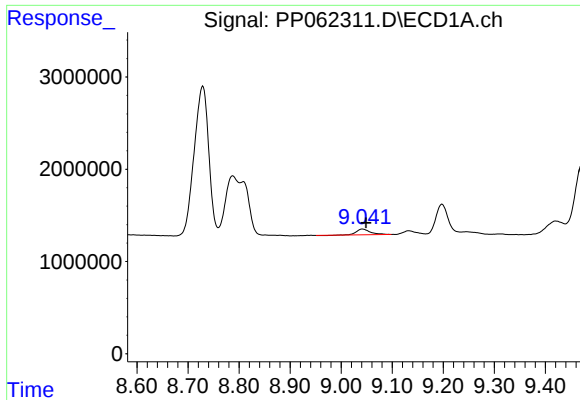
#42 AR-1268-2

R.T.: 8.809 min
Delta R.T.: -0.009 min
Response: 7066550
Conc: 50.30 ng/ml



#42 AR-1268-2

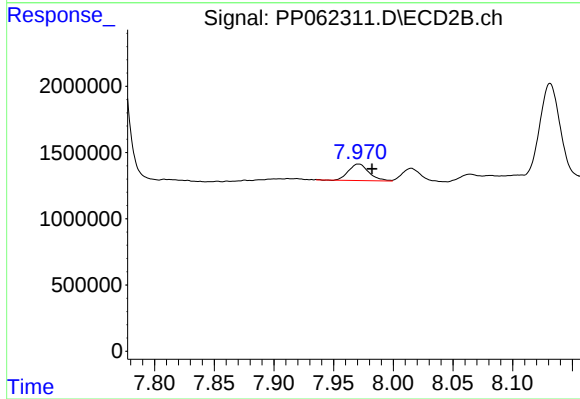
R.T.: 7.759 min
Delta R.T.: -0.011 min
Response: 61228585
Conc: 230.73 ng/ml



#43 AR-1268-3

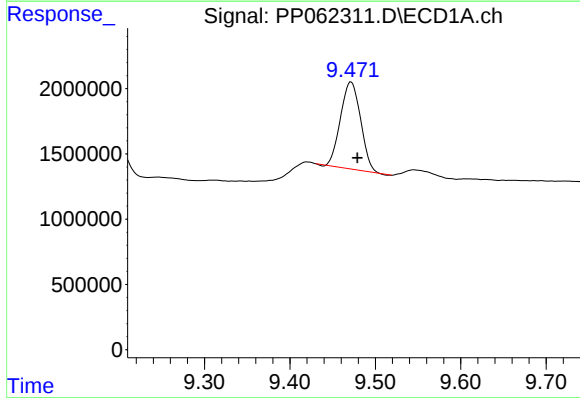
R.T.: 9.042 min
Delta R.T.: -0.007 min
Response: 1192422
Conc: 10.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



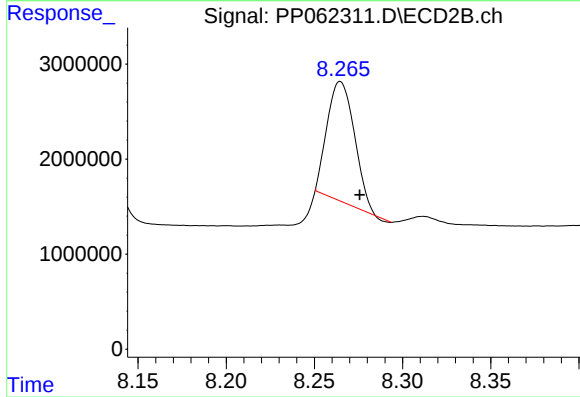
#43 AR-1268-3

R.T.: 7.971 min
Delta R.T.: -0.011 min
Response: 1473968
Conc: 6.07 ng/ml



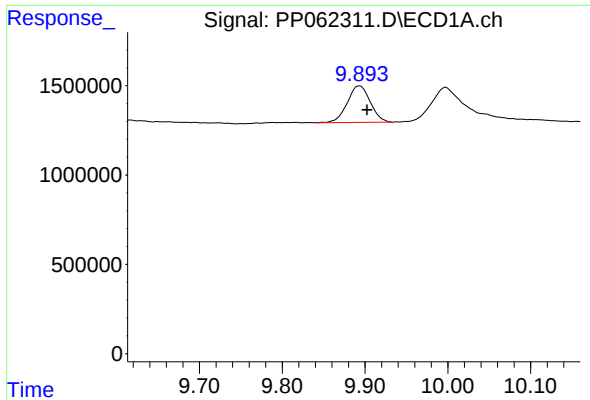
#44 AR-1268-4

R.T.: 9.472 min
Delta R.T.: -0.008 min
Response: 10920486
Conc: 241.89 ng/ml



#44 AR-1268-4

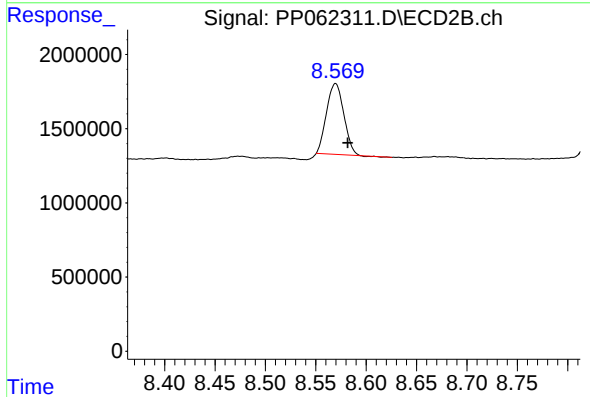
R.T.: 8.265 min
Delta R.T.: -0.011 min
Response: 13516902
Conc: 156.56 ng/ml



#45 AR-1268-5

R.T.: 9.893 min
Delta R.T.: -0.009 min
Response: 3937177
Conc: 12.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.570 min
Delta R.T.: -0.012 min
Response: 5695012
Conc: 8.24 ng/ml