

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR082824\
 Data File : PR068446.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2024 12:46
 Operator : AJ\MA
 Sample : P3711-10MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 E24A0MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 01:48:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR082724CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 06:10:14 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.649	2.984	24315957	123.5E6	24.352	23.045
2)	SA Decachlor...	9.541	8.277	18852116	107.1E6	57.219	58.409
Target Compounds							
3)	L1 AR-1016-1	4.870	4.110	14992184	97112523	542.686	517.784
4)	L1 AR-1016-2	4.893	4.128	22684948	138.4E6	559.177	523.201
5)	L1 AR-1016-3	4.956	4.308	13908801	71088806	545.416	508.716
6)	L1 AR-1016-4	5.059	4.359	11383377	55903603	556.680	510.199
7)	L1 AR-1016-5	5.373	4.578	11167568	70980634	549.076	500.516
8)	L2 AR-1221-1	3.868	3.208	1515141	7947601	133.600	117.316
9)	L2 AR-1221-2	3.961	3.295	1914275	10786814	240.778	225.540
10)	L2 AR-1221-3	4.038	3.373	8240102	46247069	313.203	296.457
11)	L3 AR-1232-1	4.038	3.373	8240102	46247069	386.880	371.034
12)	L3 AR-1232-2	4.585	4.128	11956255	138.4E6	1117.904	1092.111
13)	L3 AR-1232-3	4.893	4.308	22684948	71088806	1184.087	1083.357
14)	L3 AR-1232-4	5.059	4.402	11383377	67204585	1208.013	1183.875
15)	L3 AR-1232-5	5.162	4.578	9009967	70980634	1275.345	1159.862
16)	L4 AR-1242-1	4.870	4.110	14992184	97112523	600.878	575.417
17)	L4 AR-1242-2	4.893	4.128	22684948	138.4E6	620.625	580.811
18)	L4 AR-1242-3	4.956	4.308	13908801	71088806	596.665	562.950
19)	L4 AR-1242-4	5.059	4.402	11383377	67204585	611.561	555.930
20)	L4 AR-1242-5	5.846	4.951	1779565	55770118	76.122	377.855 #
21)	L5 AR-1248-1	4.870	4.110	14992184	97112523	809.766	754.320
22)	L5 AR-1248-2	5.162	4.359	9009967	55903603	334.223	316.969
23)	L5 AR-1248-3	5.373	4.402	11167568	67204585	351.613	377.364
24)	L5 AR-1248-4	5.807	4.578	1988625	70980634	50.731	334.763 #
25)	L5 AR-1248-5	5.846	4.994	1779565	9070992	44.768	43.765
26)	L6 AR-1254-1	5.776	4.951	9482165	55770118	241.571	183.162
27)	L6 AR-1254-2	6.014	5.111	10461383	52840281	167.803	201.859
28)	L6 AR-1254-3	6.405	5.537	5321349	25352177	81.869	65.103
29)	L6 AR-1254-4	6.715	5.784	3061477	9249397	73.239	39.367 #
30)	L6 AR-1254-5	7.170	6.231	30200457	171.3E6	688.946	550.076
31)	L7 AR-1260-1	6.585	5.678	22061058	123.2E6	482.395	499.927
32)	L7 AR-1260-2	6.868	5.883	24896003	144.3E6	515.616	503.531
33)	L7 AR-1260-3	7.256	6.043	16042101	136.2E6	446.974	524.013
34)	L7 AR-1260-4	7.499	6.552	19389496	94877384	473.643	466.570
35)	L7 AR-1260-5	7.837	6.817	35163484	216.8E6	444.512	462.394
36)	L8 AR-1262-1	7.256	6.276	16042101	100.8E6	286.046	305.937
37)	L8 AR-1262-2	7.837	6.817	35163484	216.8E6	372.139	381.401
38)	L8 AR-1262-3	8.151	7.124	21667766	39728325	358.217	182.817 #
39)	L8 AR-1262-4	8.225	7.189	5093366	158.3E6	112.146	384.892 #
40)	L8 AR-1262-5	8.850	7.729	7666126	46295783	260.430	254.331
41)	L9 AR-1268-1	8.151	7.124	21667766	39728325	202.522	61.386 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR082824\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Aug 2024 12:46
Operator : AJ\MA
Sample : P3711-10MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
E24A0MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 29 01:48:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR082724CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 28 06:10:14 2024
Response via : Initial Calibration
Integrator: ChemStation

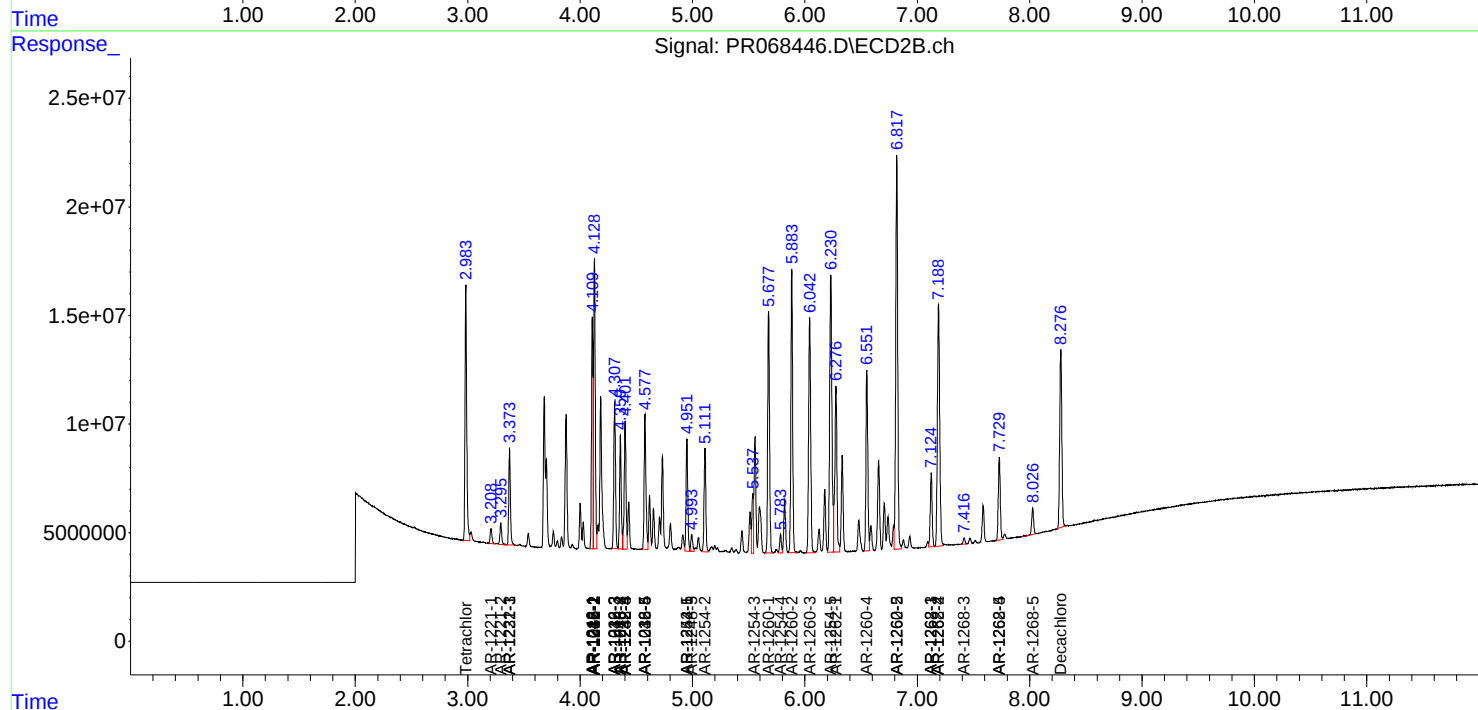
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

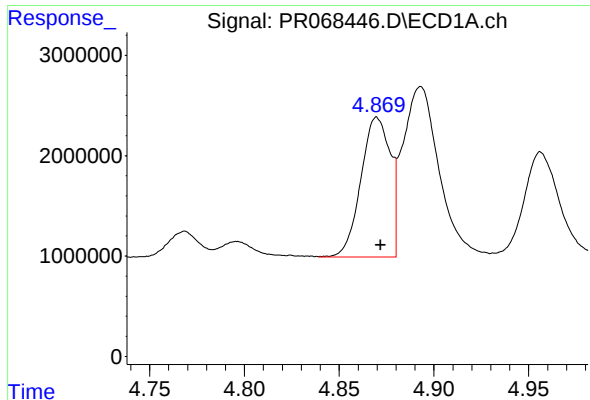
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.225	7.189	5093366	158.3E6	53.171	267.342 #
43) L9	AR-1268-3	8.449	7.416	651054	3223266	8.108	6.532
44) L9	AR-1268-4	8.850	7.729	7666126	46295783	236.603	229.977
45) L9	AR-1268-5	9.232	8.027	2487437	14923141	10.046	9.686

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

Instrument :
ECD_R
ClientSampleId :
E24A0MSD

Volume Inj. : 1 μ l
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5 μ m Signal #2 Info : 30M x 0.32mm x 0.25 μ m

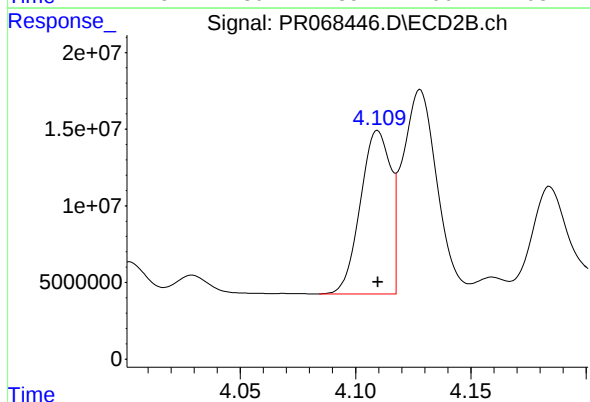




#3 AR-1016-1

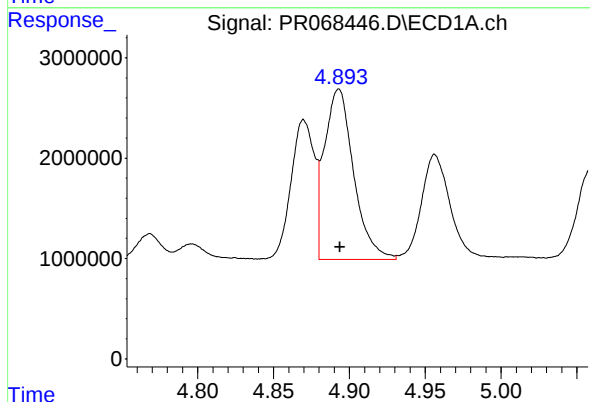
R.T.: 4.870 min
Delta R.T.: -0.002 min
Response: 14992184
Conc: 542.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
E24A0MSD



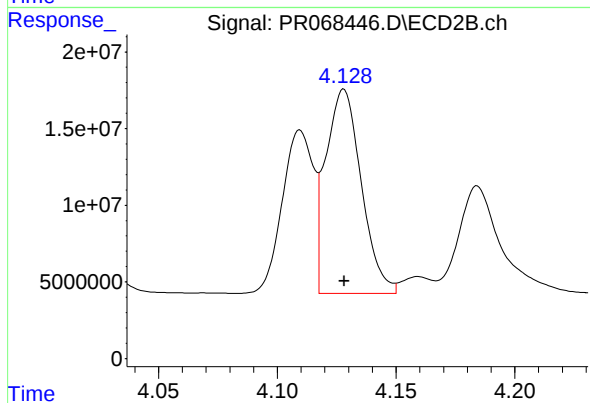
#3 AR-1016-1

R.T.: 4.110 min
Delta R.T.: 0.000 min
Response: 97112523
Conc: 517.78 ng/ml



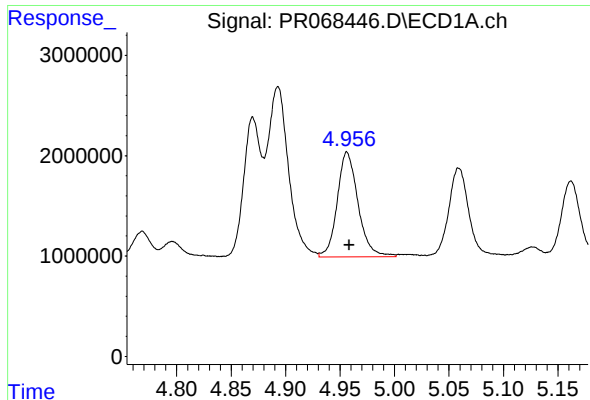
#4 AR-1016-2

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 22684948
Conc: 559.18 ng/ml



#4 AR-1016-2

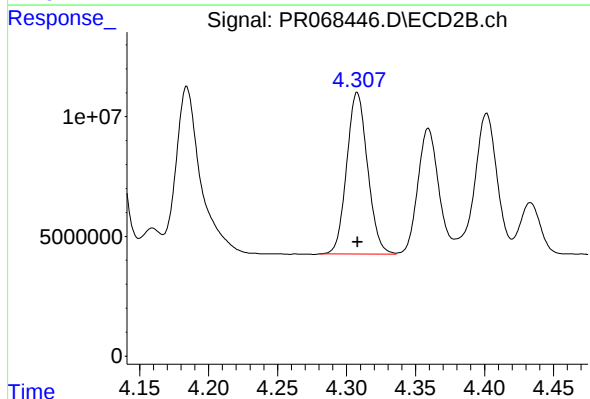
R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 138358593
Conc: 523.20 ng/ml



#5 AR-1016-3

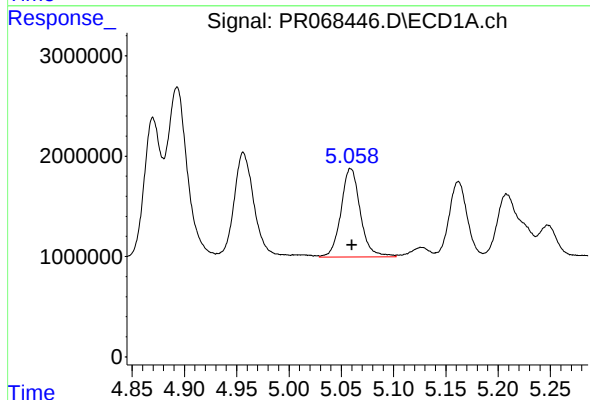
R.T.: 4.956 min
Delta R.T.: -0.002 min
Response: 13908801
Conc: 545.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
E24A0MSD



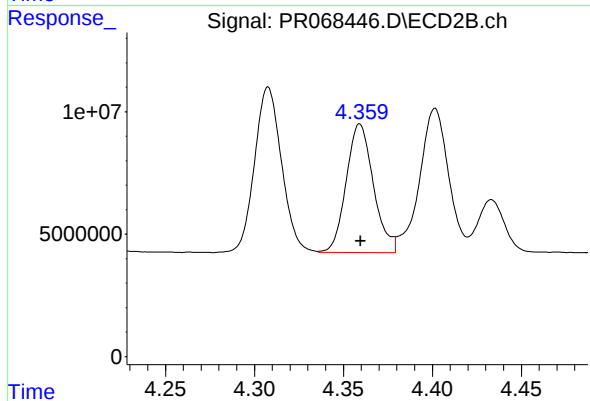
#5 AR-1016-3

R.T.: 4.308 min
Delta R.T.: 0.000 min
Response: 71088806
Conc: 508.72 ng/ml



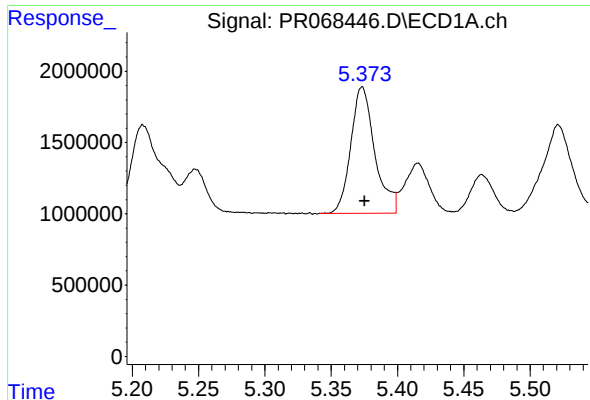
#6 AR-1016-4

R.T.: 5.059 min
Delta R.T.: -0.001 min
Response: 11383377
Conc: 556.68 ng/ml



#6 AR-1016-4

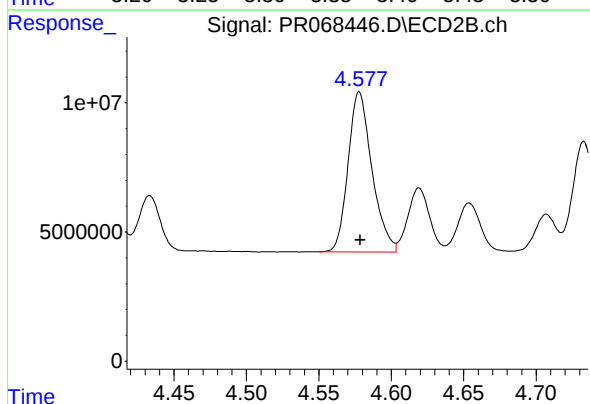
R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 55903603
Conc: 510.20 ng/ml



#7 AR-1016-5

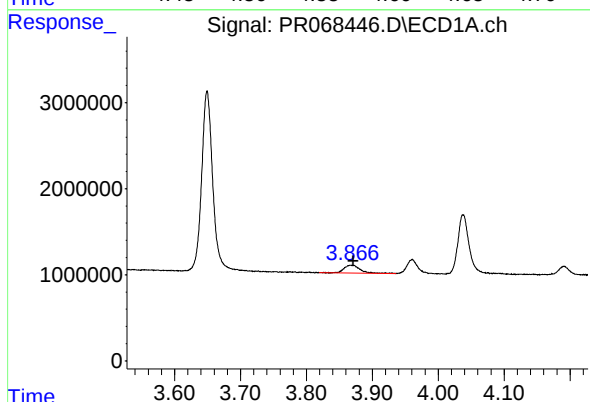
R.T.: 5.373 min
Delta R.T.: -0.002 min
Response: 11167568
Conc: 549.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
E24A0MSD



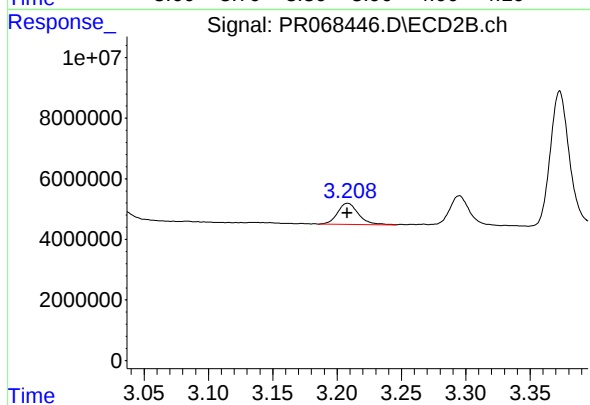
#7 AR-1016-5

R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 70980634
Conc: 500.52 ng/ml



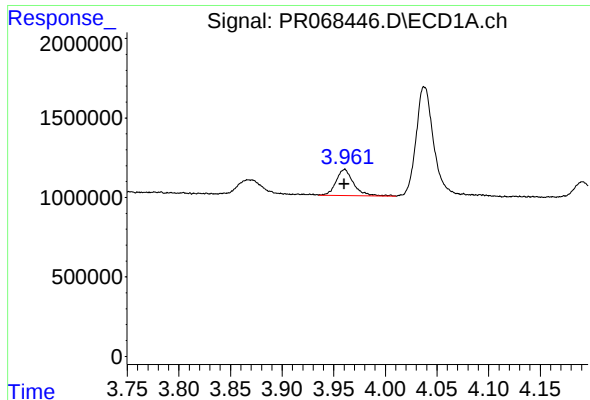
#8 AR-1221-1

R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 1515141
Conc: 133.60 ng/ml



#8 AR-1221-1

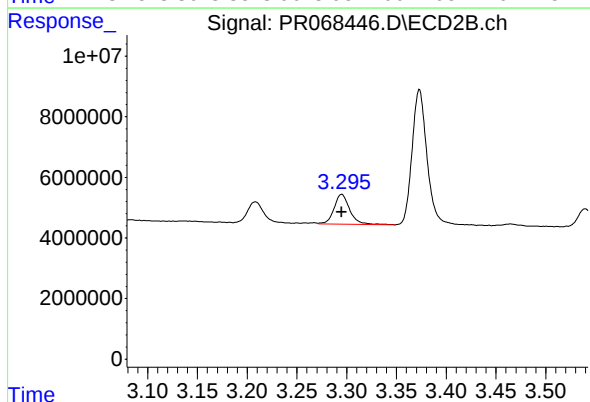
R.T.: 3.208 min
Delta R.T.: 0.000 min
Response: 7947601
Conc: 117.32 ng/ml



#9 AR-1221-2

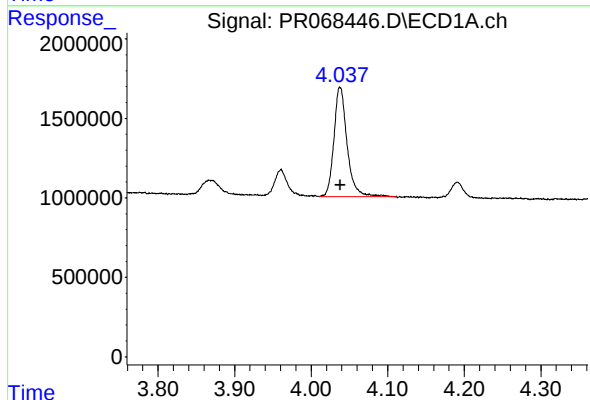
R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 1914275
Conc: 240.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
E24A0MSD



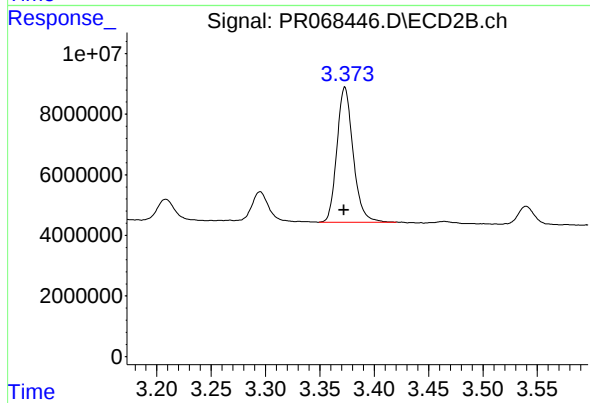
#9 AR-1221-2

R.T.: 3.295 min
Delta R.T.: 0.000 min
Response: 10786814
Conc: 225.54 ng/ml



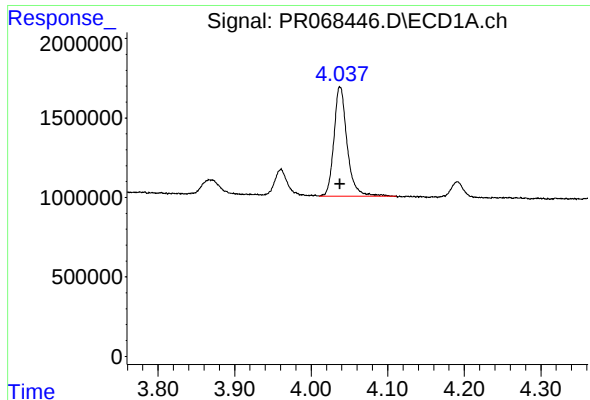
#10 AR-1221-3

R.T.: 4.038 min
Delta R.T.: 0.000 min
Response: 8240102
Conc: 313.20 ng/ml



#10 AR-1221-3

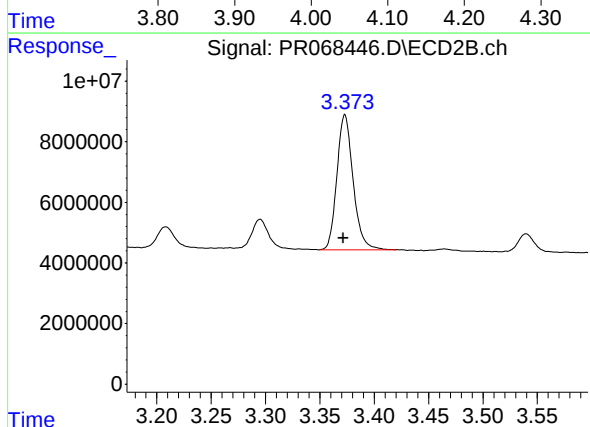
R.T.: 3.373 min
Delta R.T.: 0.000 min
Response: 46247069
Conc: 296.46 ng/ml



#11 AR-1232-1

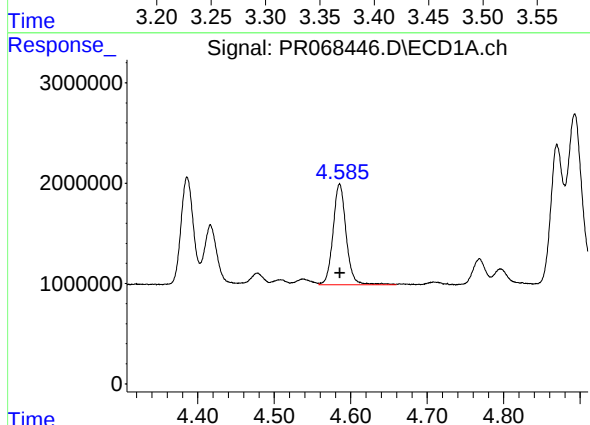
R.T.: 4.038 min
Delta R.T.: 0.000 min
Response: 8240102
Conc: 386.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
E24A0MSD



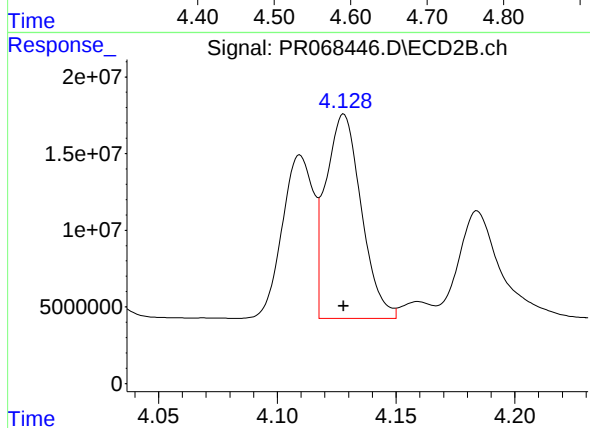
#11 AR-1232-1

R.T.: 3.373 min
Delta R.T.: 0.001 min
Response: 46247069
Conc: 371.03 ng/ml



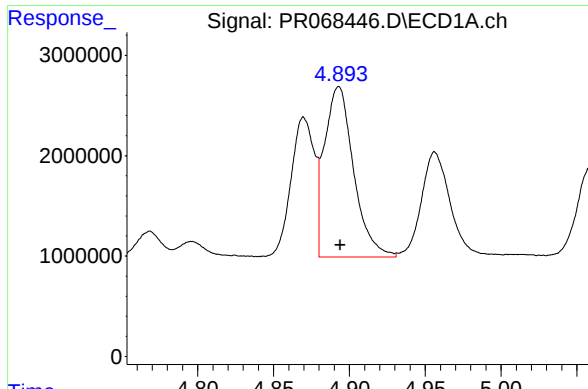
#12 AR-1232-2

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 11956255
Conc: 1117.90 ng/ml



#12 AR-1232-2

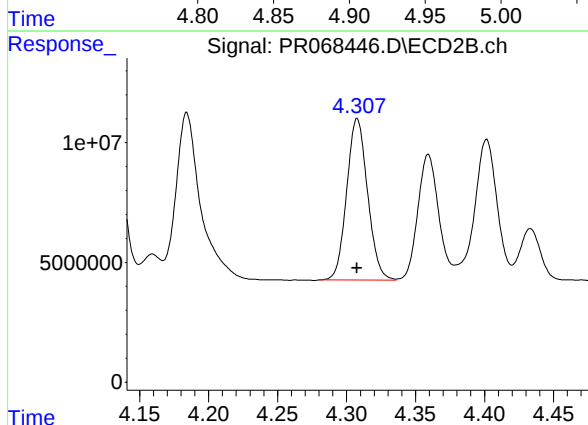
R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 138358593
Conc: 1092.11 ng/ml



#13 AR-1232-3

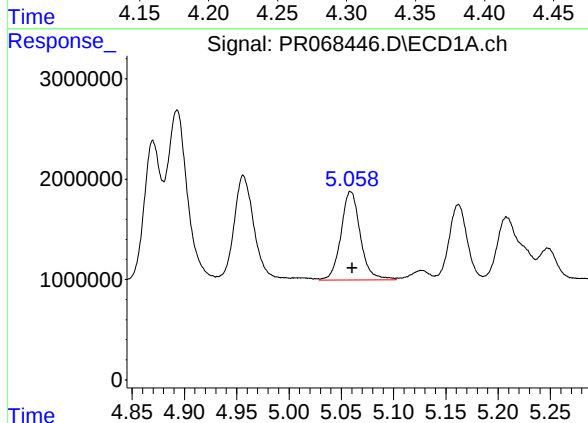
R.T.: 4.893 min
Delta R.T.: -0.001 min
Response: 22684948
Conc: 1184.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
E24A0MSD



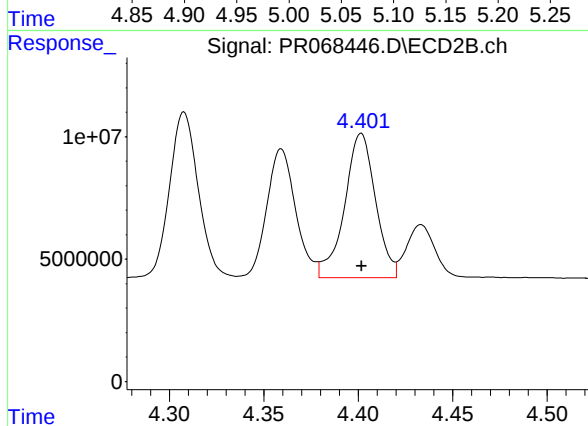
#13 AR-1232-3

R.T.: 4.308 min
Delta R.T.: 0.000 min
Response: 71088806
Conc: 1083.36 ng/ml



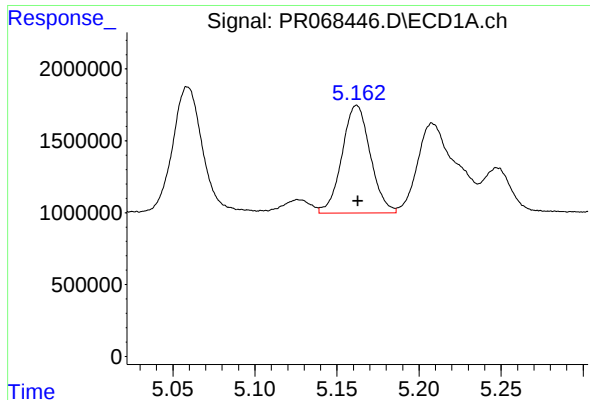
#14 AR-1232-4

R.T.: 5.059 min
Delta R.T.: -0.001 min
Response: 11383377
Conc: 1208.01 ng/ml



#14 AR-1232-4

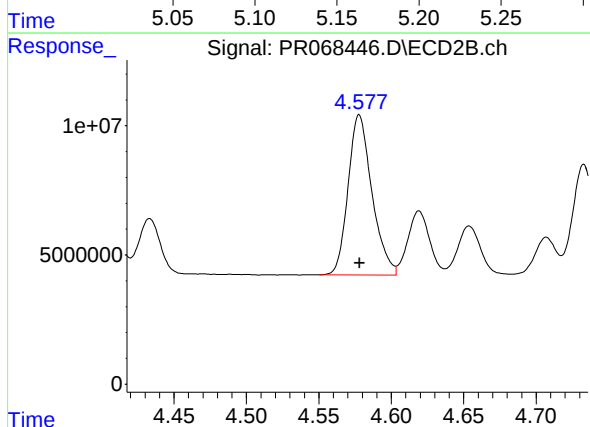
R.T.: 4.402 min
Delta R.T.: 0.000 min
Response: 67204585
Conc: 1183.88 ng/ml



#15 AR-1232-5

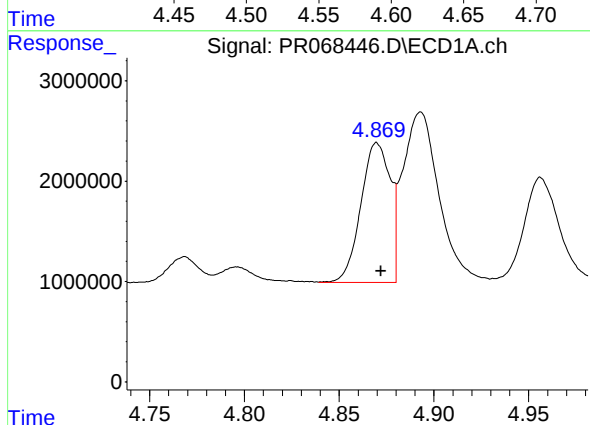
R.T.: 5.162 min
Delta R.T.: 0.000 min
Response: 9009967
Conc: 1275.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
E24A0MSD



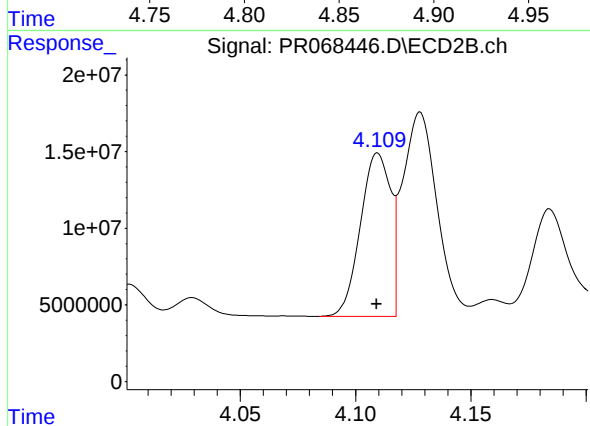
#15 AR-1232-5

R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 70980634
Conc: 1159.86 ng/ml



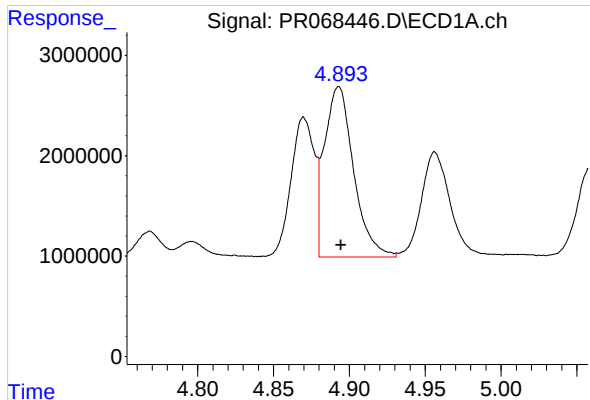
#16 AR-1242-1

R.T.: 4.870 min
Delta R.T.: -0.002 min
Response: 14992184
Conc: 600.88 ng/ml



#16 AR-1242-1

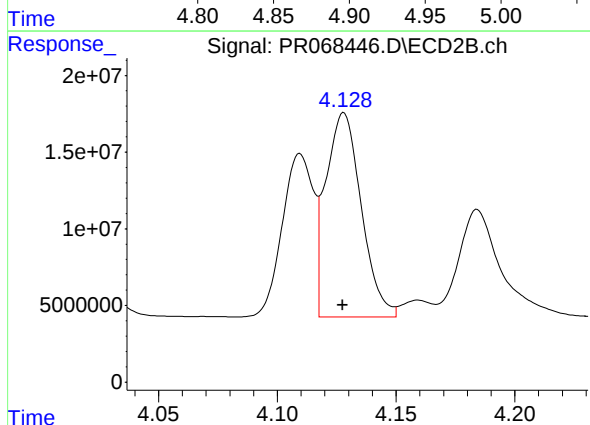
R.T.: 4.110 min
Delta R.T.: 0.000 min
Response: 97112523
Conc: 575.42 ng/ml



#17 AR-1242-2

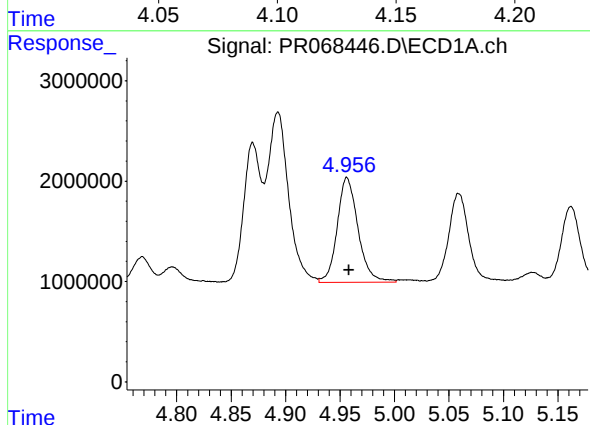
R.T.: 4.893 min
Delta R.T.: -0.001 min
Response: 22684948
Conc: 620.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
E24A0MSD



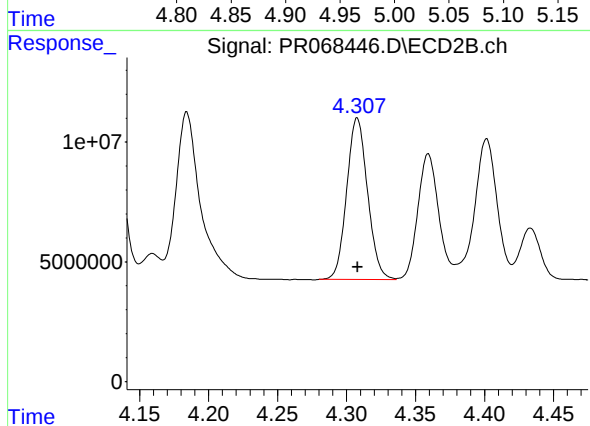
#17 AR-1242-2

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 138358593
Conc: 580.81 ng/ml



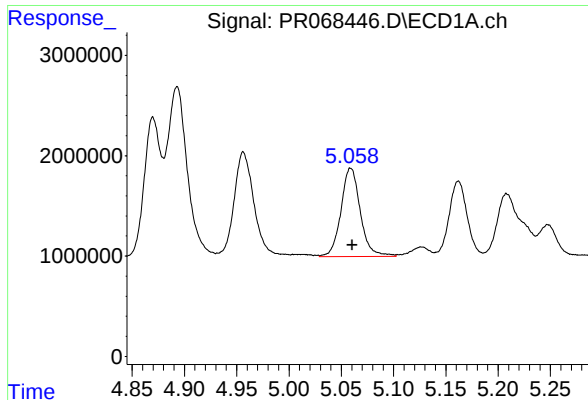
#18 AR-1242-3

R.T.: 4.956 min
Delta R.T.: -0.002 min
Response: 13908801
Conc: 596.66 ng/ml



#18 AR-1242-3

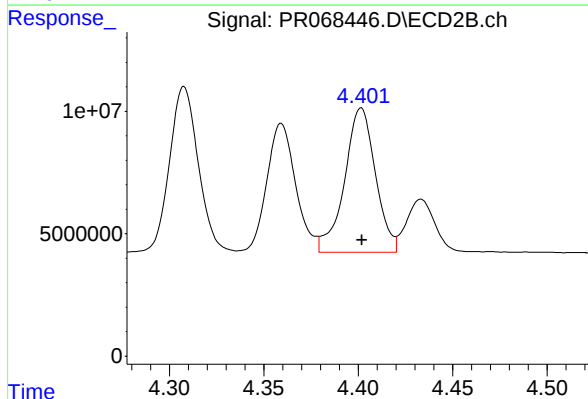
R.T.: 4.308 min
Delta R.T.: 0.000 min
Response: 71088806
Conc: 562.95 ng/ml



#19 AR-1242-4

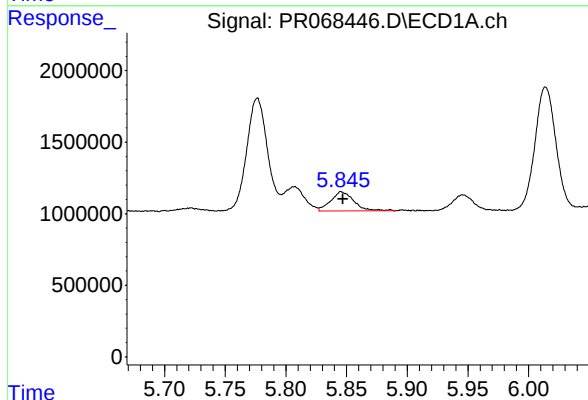
R.T.: 5.059 min
Delta R.T.: -0.001 min
Response: 11383377
Conc: 611.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
E24A0MSD



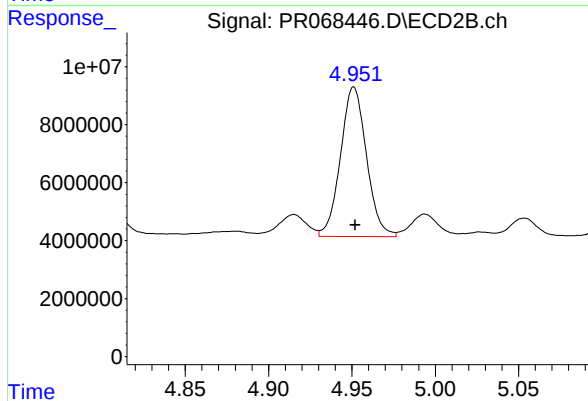
#19 AR-1242-4

R.T.: 4.402 min
Delta R.T.: 0.000 min
Response: 67204585
Conc: 555.93 ng/ml



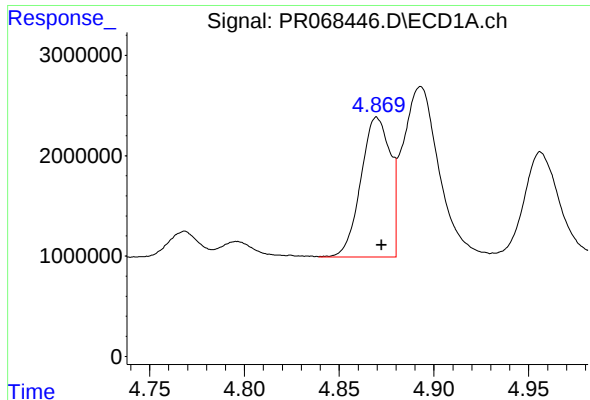
#20 AR-1242-5

R.T.: 5.846 min
Delta R.T.: -0.001 min
Response: 1779565
Conc: 76.12 ng/ml



#20 AR-1242-5

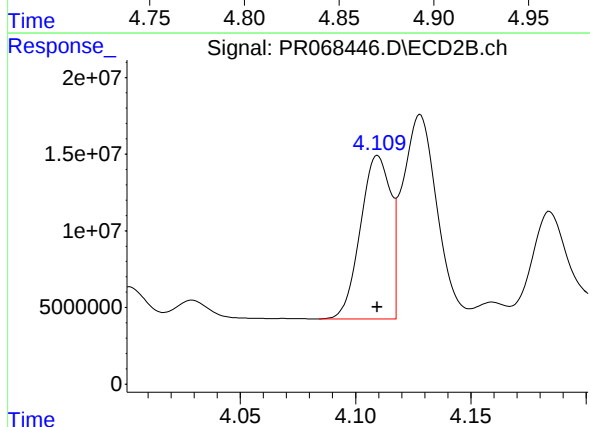
R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 55770118
Conc: 377.86 ng/ml



#21 AR-1248-1

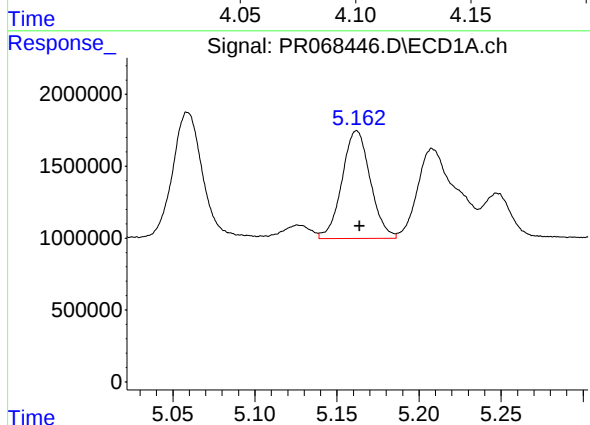
R.T.: 4.870 min
Delta R.T.: -0.002 min
Response: 14992184
Conc: 809.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
E24A0MSD



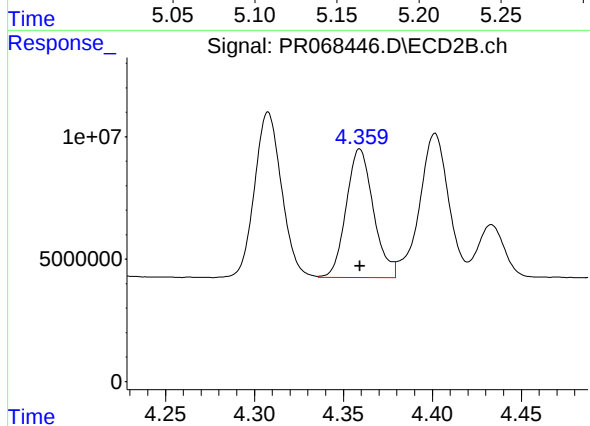
#21 AR-1248-1

R.T.: 4.110 min
Delta R.T.: 0.000 min
Response: 97112523
Conc: 754.32 ng/ml



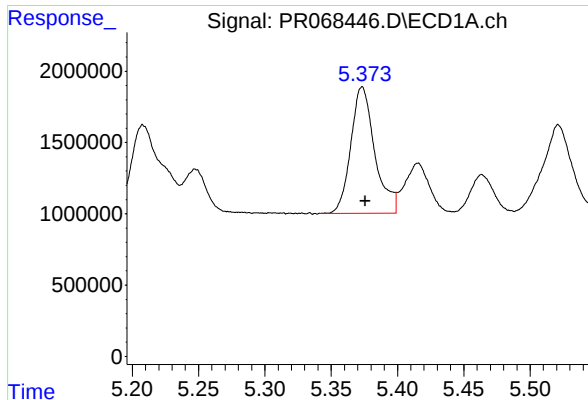
#22 AR-1248-2

R.T.: 5.162 min
Delta R.T.: -0.002 min
Response: 9009967
Conc: 334.22 ng/ml



#22 AR-1248-2

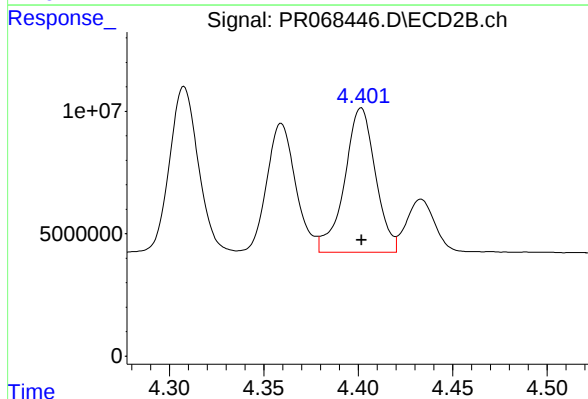
R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 55903603
Conc: 316.97 ng/ml



#23 AR-1248-3

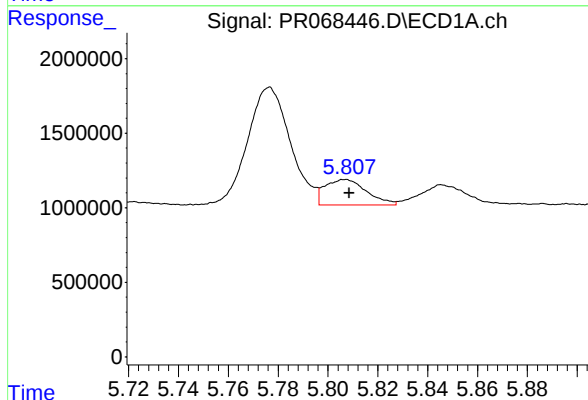
R.T.: 5.373 min
Delta R.T.: -0.002 min
Response: 11167568
Conc: 351.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
E24A0MSD



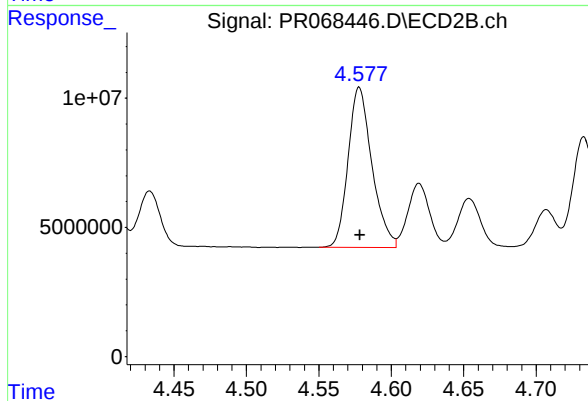
#23 AR-1248-3

R.T.: 4.402 min
Delta R.T.: 0.000 min
Response: 67204585
Conc: 377.36 ng/ml



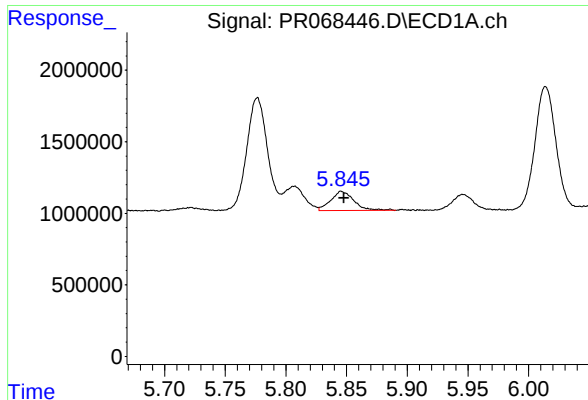
#24 AR-1248-4

R.T.: 5.807 min
Delta R.T.: -0.002 min
Response: 1988625
Conc: 50.73 ng/ml



#24 AR-1248-4

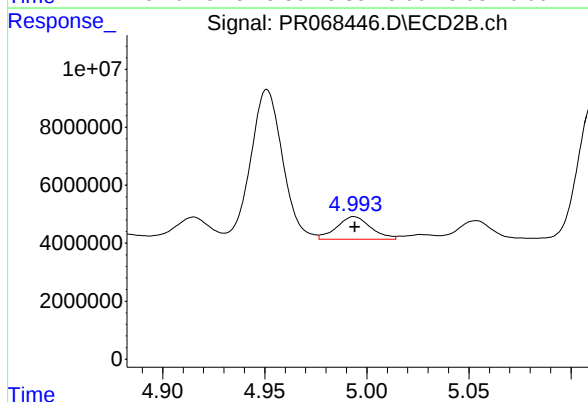
R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 70980634
Conc: 334.76 ng/ml



#25 AR-1248-5

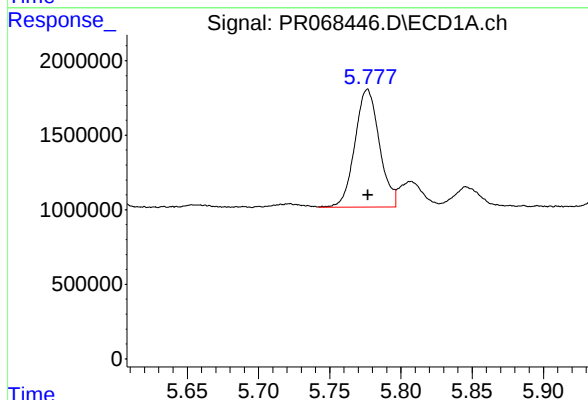
R.T.: 5.846 min
Delta R.T.: -0.002 min
Response: 1779565
Conc: 44.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
E24A0MSD



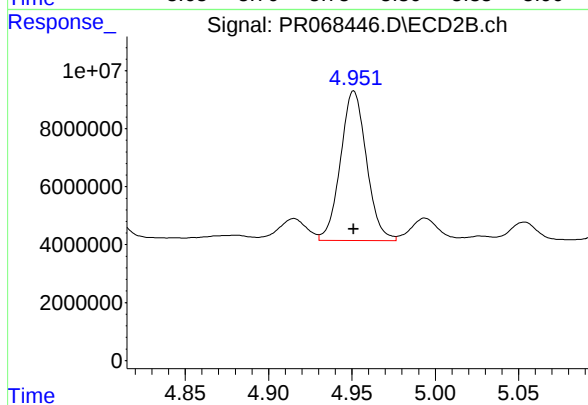
#25 AR-1248-5

R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 9070992
Conc: 43.77 ng/ml



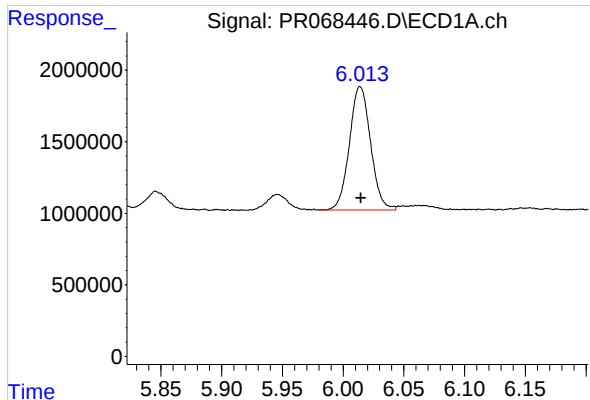
#26 AR-1254-1

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 9482165
Conc: 241.57 ng/ml



#26 AR-1254-1

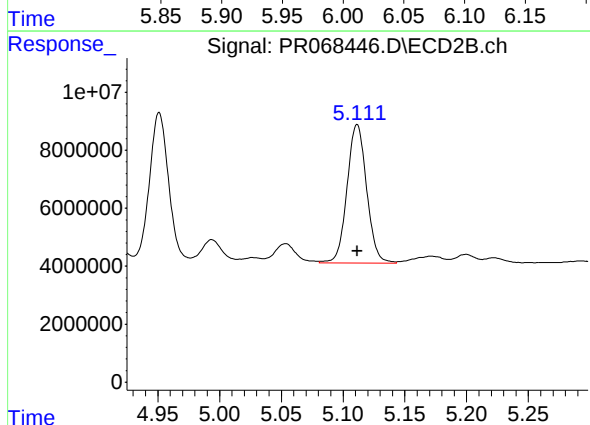
R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 55770118
Conc: 183.16 ng/ml



#27 AR-1254-2

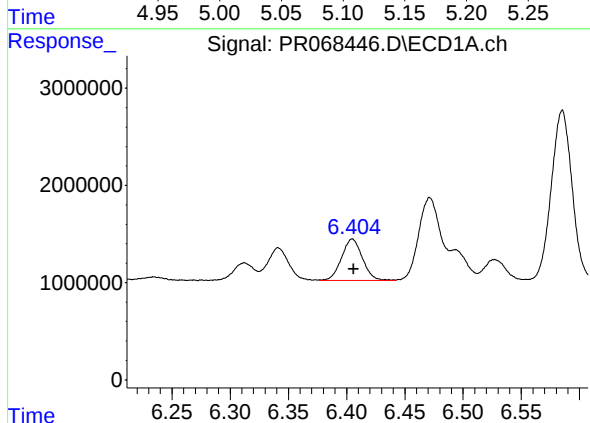
R.T.: 6.014 min
Delta R.T.: 0.000 min
Response: 10461383
Conc: 167.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
E24A0MSD



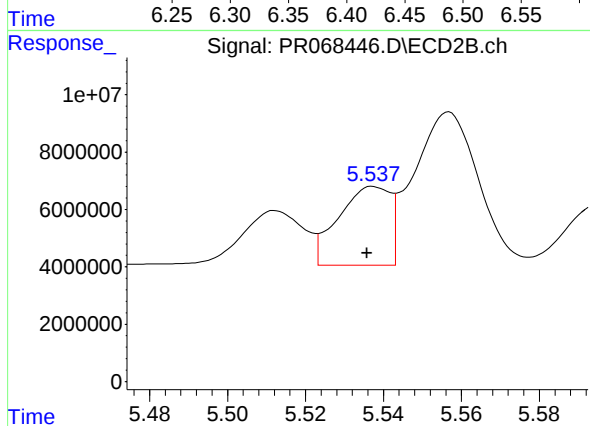
#27 AR-1254-2

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 52840281
Conc: 201.86 ng/ml



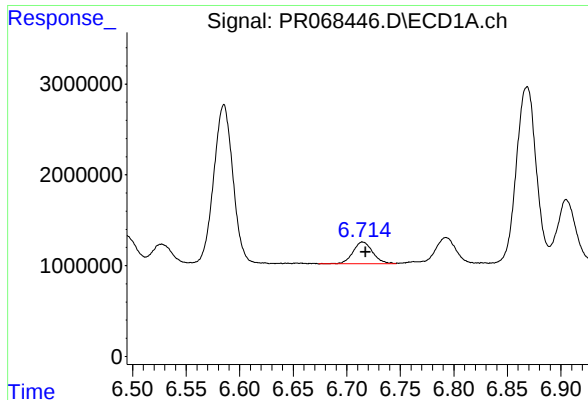
#28 AR-1254-3

R.T.: 6.405 min
Delta R.T.: -0.001 min
Response: 5321349
Conc: 81.87 ng/ml



#28 AR-1254-3

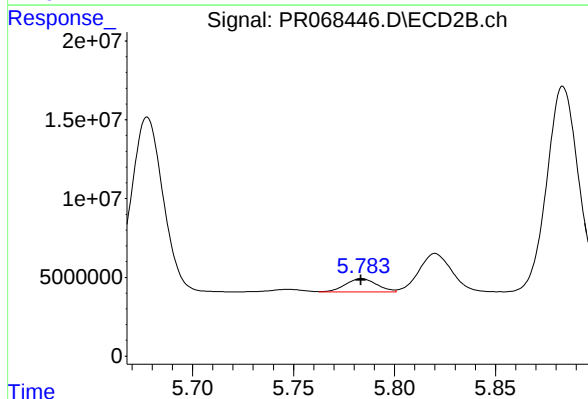
R.T.: 5.537 min
Delta R.T.: 0.002 min
Response: 25352177
Conc: 65.10 ng/ml



#29 AR-1254-4

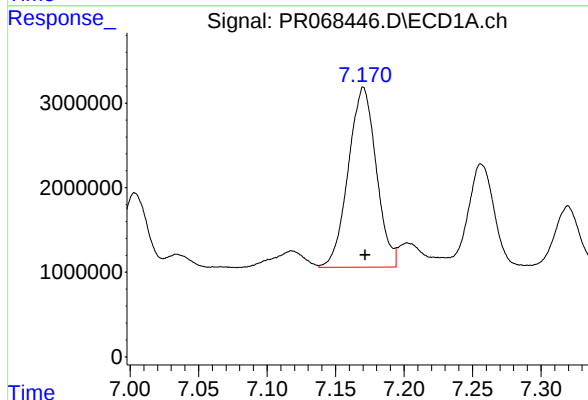
R.T.: 6.715 min
Delta R.T.: -0.003 min
Response: 3061477
Conc: 73.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
E24A0MSD



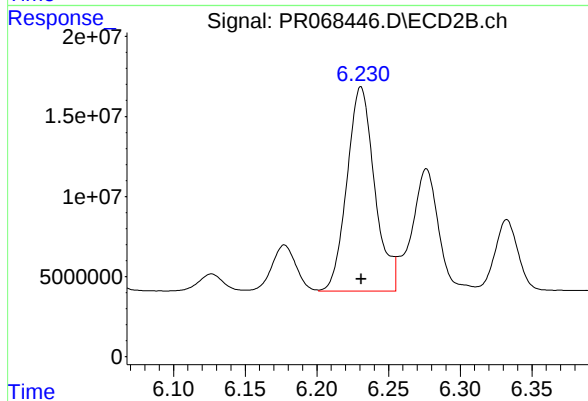
#29 AR-1254-4

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 9249397
Conc: 39.37 ng/ml



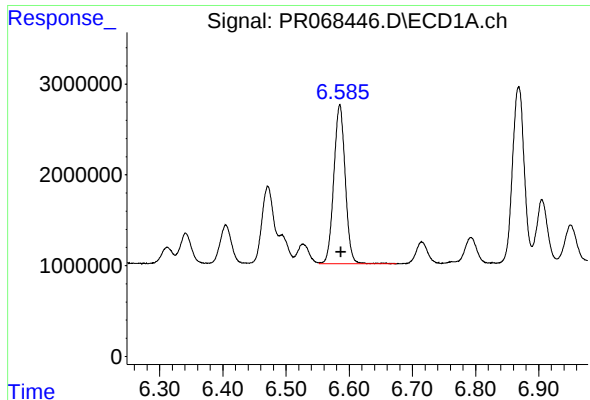
#30 AR-1254-5

R.T.: 7.170 min
Delta R.T.: -0.001 min
Response: 30200457
Conc: 688.95 ng/ml



#30 AR-1254-5

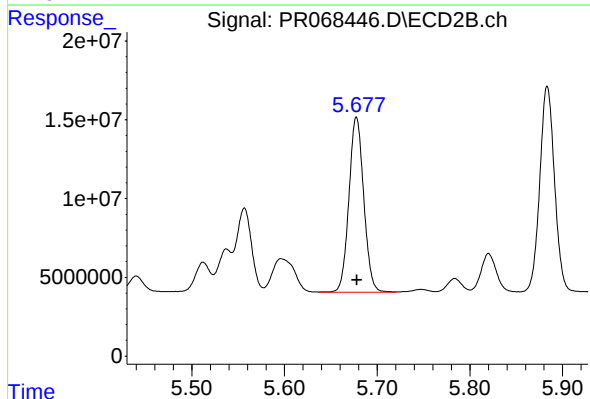
R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 171274101
Conc: 550.08 ng/ml



#31 AR-1260-1

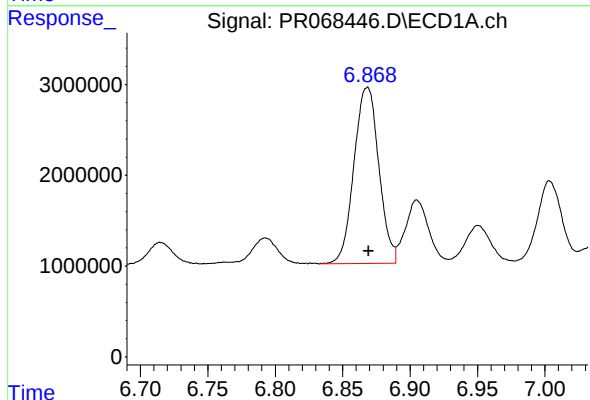
R.T.: 6.585 min
Delta R.T.: -0.002 min
Response: 22061058
Conc: 482.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
E24A0MSD



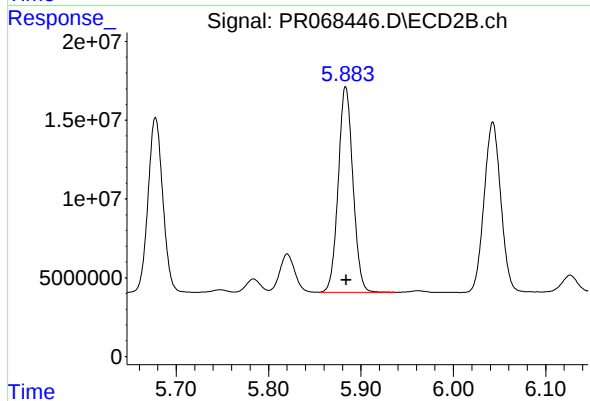
#31 AR-1260-1

R.T.: 5.678 min
Delta R.T.: 0.000 min
Response: 123160571
Conc: 499.93 ng/ml



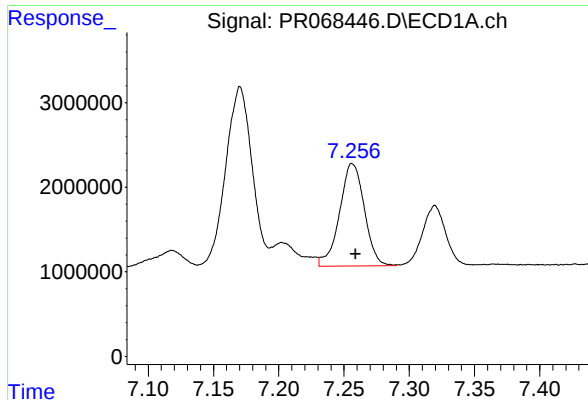
#32 AR-1260-2

R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 24896003
Conc: 515.62 ng/ml



#32 AR-1260-2

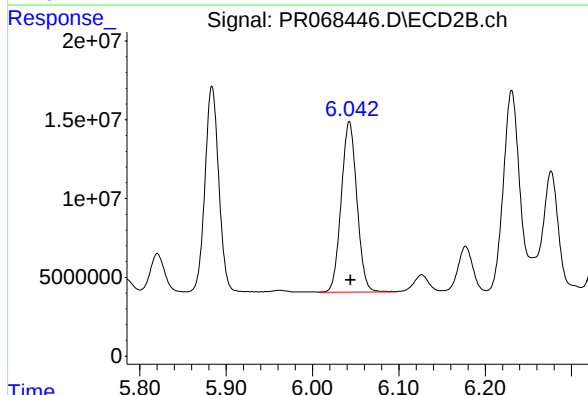
R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 144333240
Conc: 503.53 ng/ml



#33 AR-1260-3

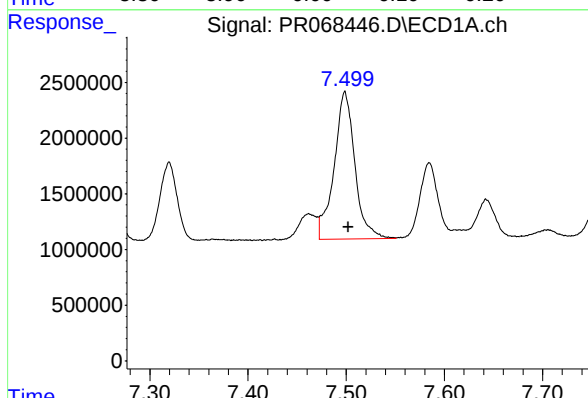
R.T.: 7.256 min
Delta R.T.: -0.003 min
Response: 16042101
Conc: 446.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
E24A0MSD



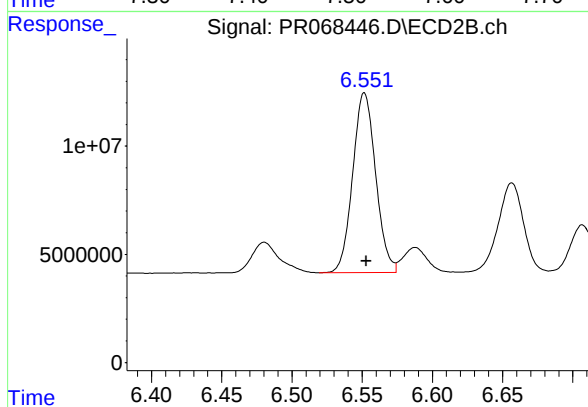
#33 AR-1260-3

R.T.: 6.043 min
Delta R.T.: -0.002 min
Response: 136245475
Conc: 524.01 ng/ml



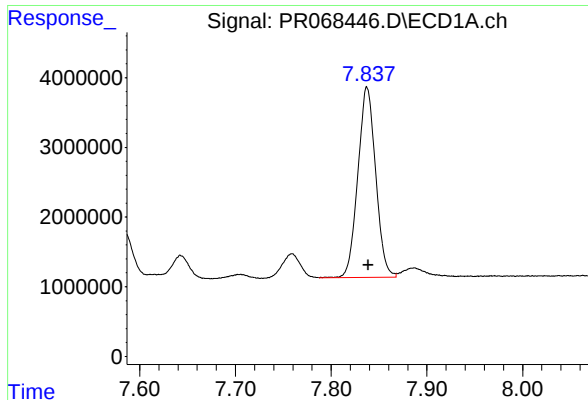
#34 AR-1260-4

R.T.: 7.499 min
Delta R.T.: -0.003 min
Response: 19389496
Conc: 473.64 ng/ml



#34 AR-1260-4

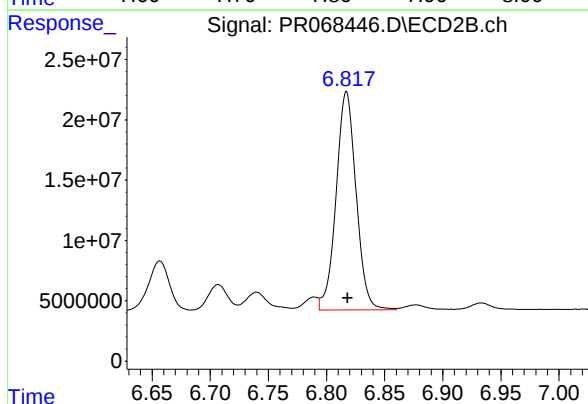
R.T.: 6.552 min
Delta R.T.: -0.002 min
Response: 94877384
Conc: 466.57 ng/ml



#35 AR-1260-5

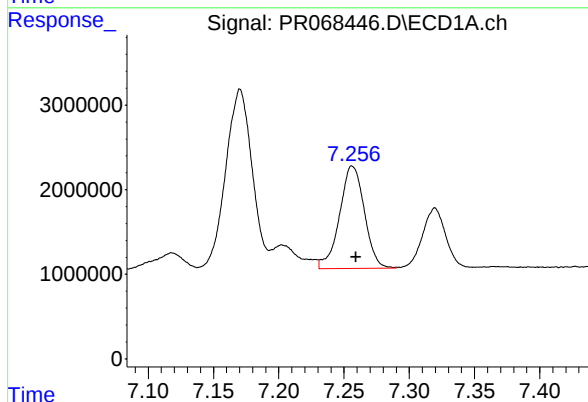
R.T.: 7.837 min
Delta R.T.: -0.001 min
Response: 35163484
Conc: 444.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
E24A0MSD



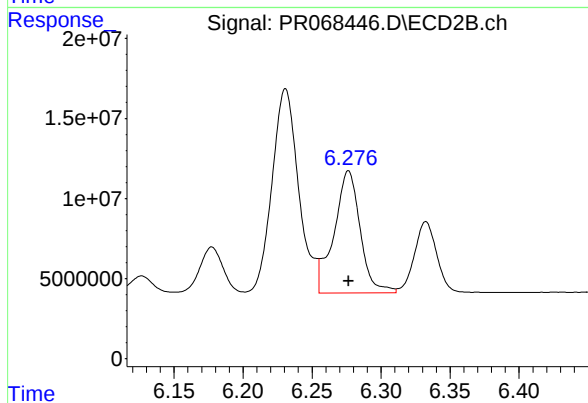
#35 AR-1260-5

R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 216849967
Conc: 462.39 ng/ml



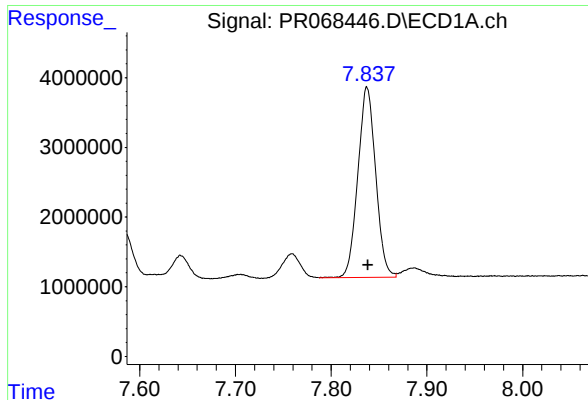
#36 AR-1262-1

R.T.: 7.256 min
Delta R.T.: -0.003 min
Response: 16042101
Conc: 286.05 ng/ml



#36 AR-1262-1

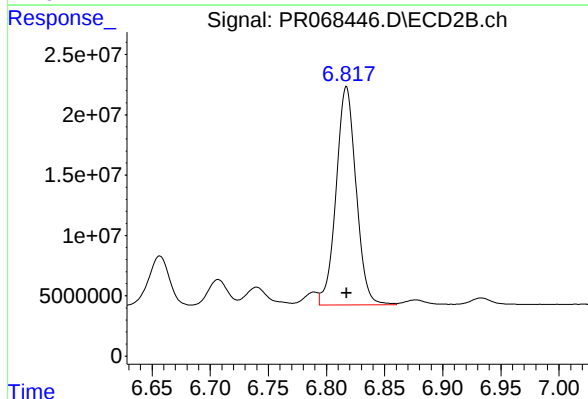
R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 100795796
Conc: 305.94 ng/ml



#37 AR-1262-2

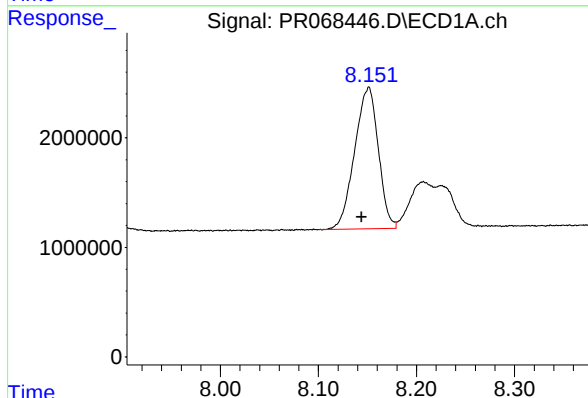
R.T.: 7.837 min
Delta R.T.: -0.001 min
Response: 35163484
Conc: 372.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
E24A0MSD



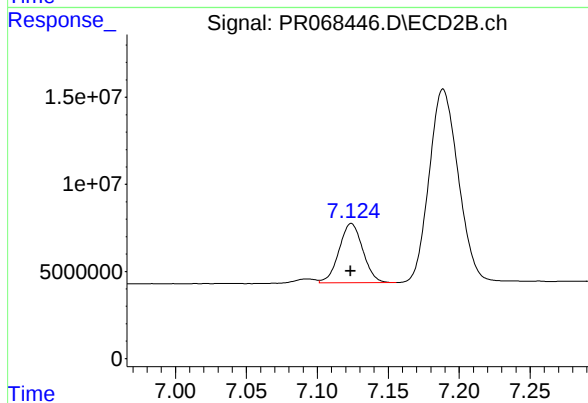
#37 AR-1262-2

R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 216849967
Conc: 381.40 ng/ml



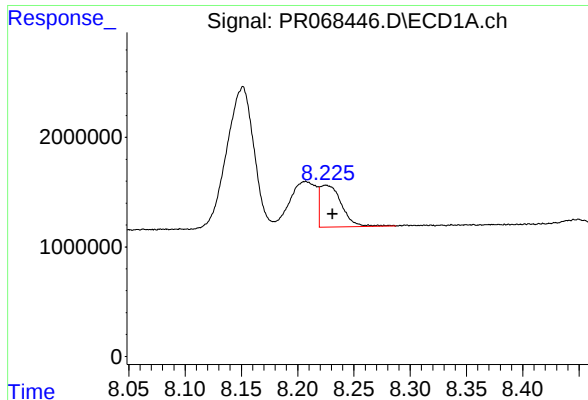
#38 AR-1262-3

R.T.: 8.151 min
Delta R.T.: 0.007 min
Response: 21667766
Conc: 358.22 ng/ml



#38 AR-1262-3

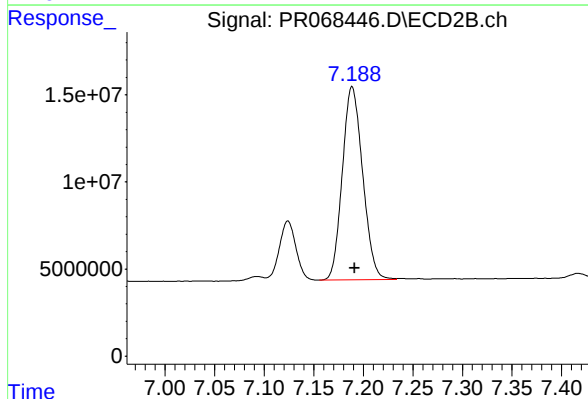
R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 39728325
Conc: 182.82 ng/ml



#39 AR-1262-4

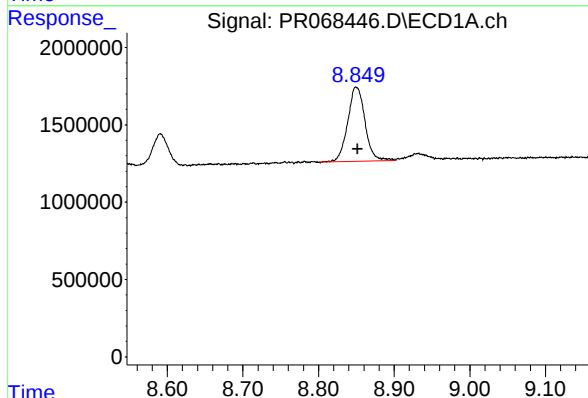
R.T.: 8.225 min
Delta R.T.: -0.006 min
Response: 5093366
Conc: 112.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
E24A0MSD



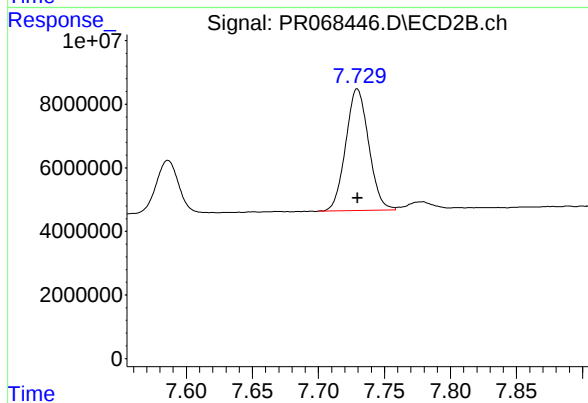
#39 AR-1262-4

R.T.: 7.189 min
Delta R.T.: -0.003 min
Response: 158337962
Conc: 384.89 ng/ml



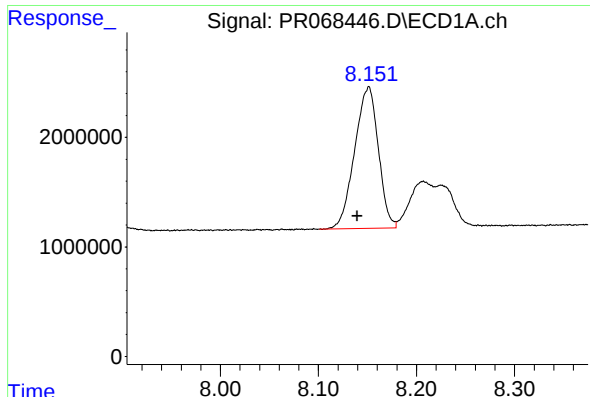
#40 AR-1262-5

R.T.: 8.850 min
Delta R.T.: -0.002 min
Response: 7666126
Conc: 260.43 ng/ml



#40 AR-1262-5

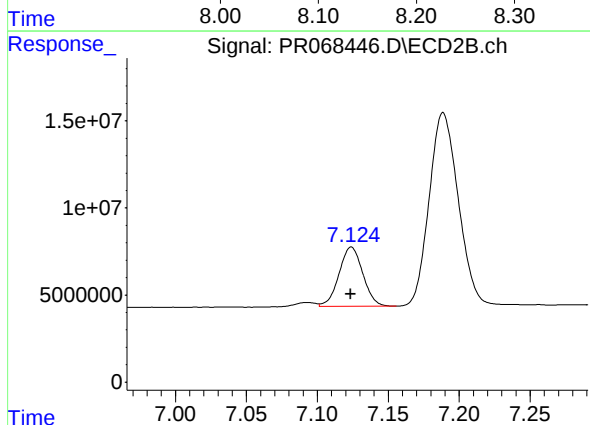
R.T.: 7.729 min
Delta R.T.: 0.000 min
Response: 46295783
Conc: 254.33 ng/ml



#41 AR-1268-1

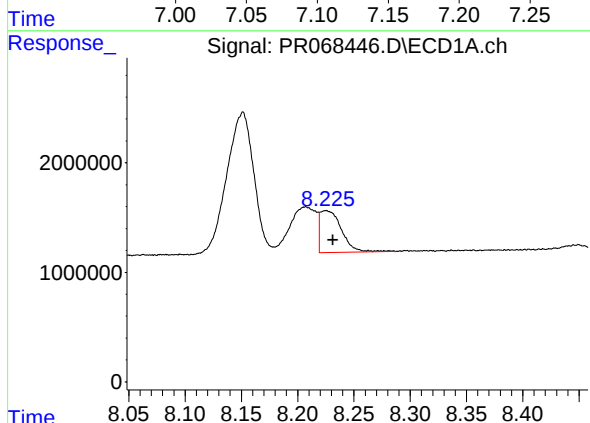
R.T.: 8.151 min
Delta R.T.: 0.012 min
Response: 21667766
Conc: 202.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
E24A0MSD



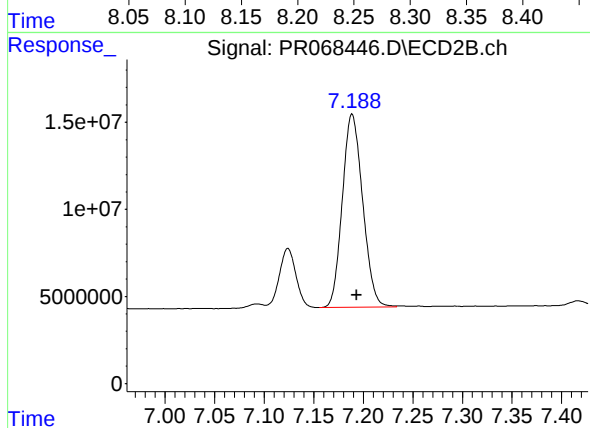
#41 AR-1268-1

R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 39728325
Conc: 61.39 ng/ml



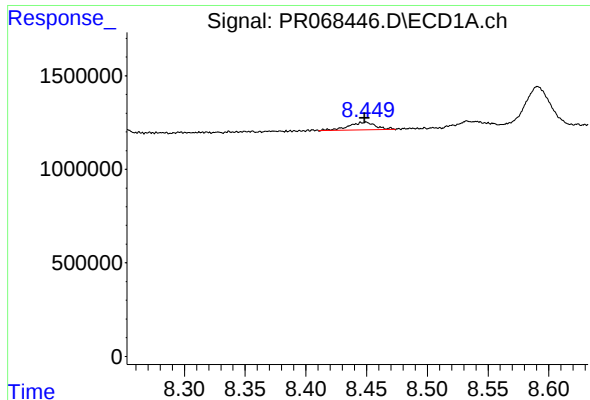
#42 AR-1268-2

R.T.: 8.225 min
Delta R.T.: -0.006 min
Response: 5093366
Conc: 53.17 ng/ml



#42 AR-1268-2

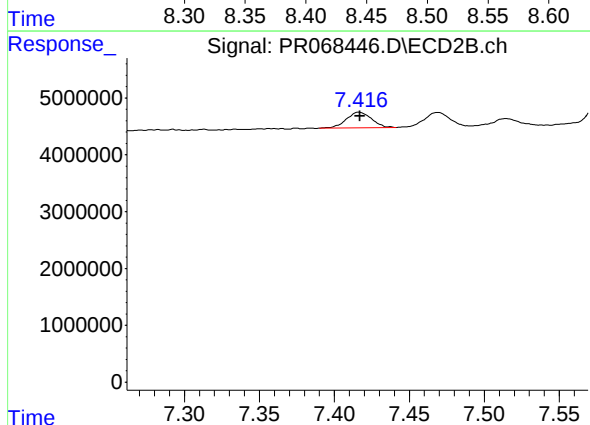
R.T.: 7.189 min
Delta R.T.: -0.004 min
Response: 158337962
Conc: 267.34 ng/ml



#43 AR-1268-3

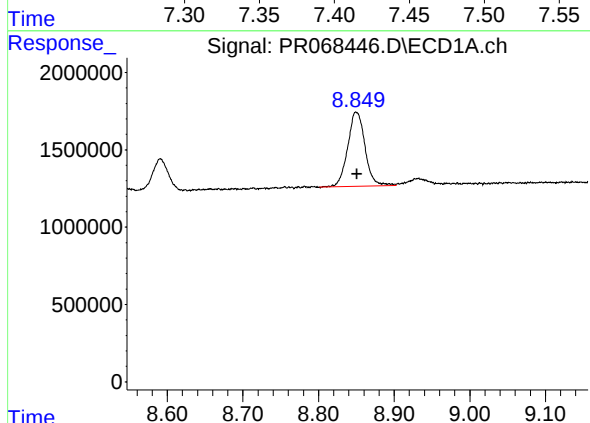
R.T.: 8.449 min
Delta R.T.: 0.001 min
Response: 651054
Conc: 8.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
E24A0MSD



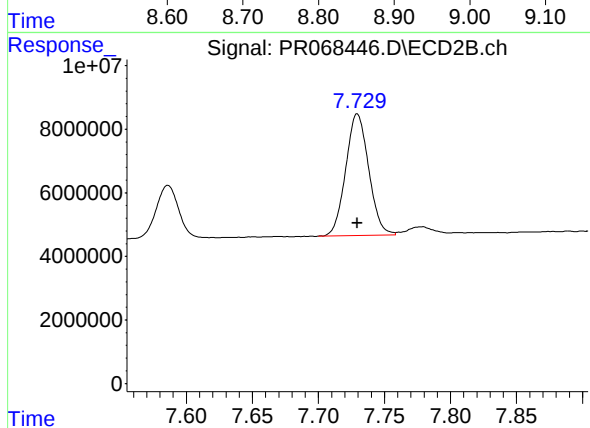
#43 AR-1268-3

R.T.: 7.416 min
Delta R.T.: 0.000 min
Response: 3223266
Conc: 6.53 ng/ml



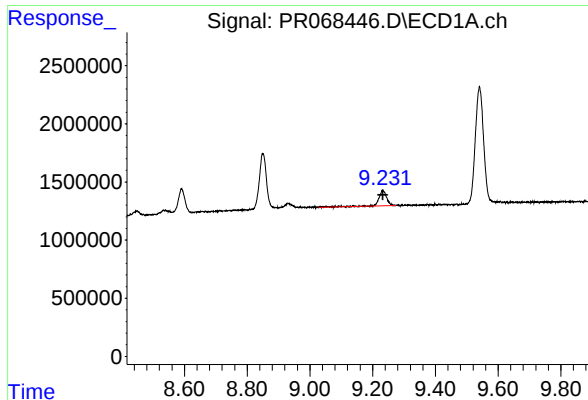
#44 AR-1268-4

R.T.: 8.850 min
Delta R.T.: -0.001 min
Response: 7666126
Conc: 236.60 ng/ml



#44 AR-1268-4

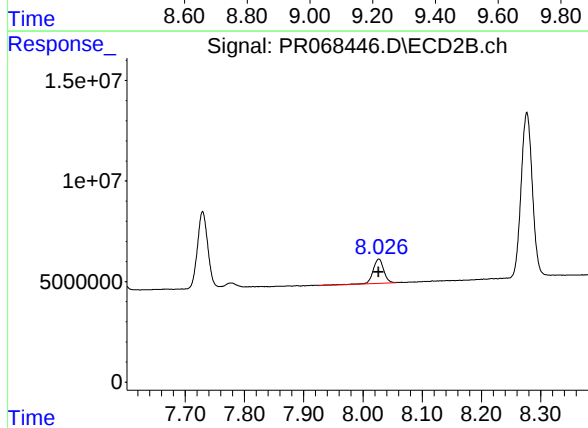
R.T.: 7.729 min
Delta R.T.: 0.000 min
Response: 46295783
Conc: 229.98 ng/ml



#45 AR-1268-5

R.T.: 9.232 min
Delta R.T.: -0.001 min
Response: 2487437
Conc: 10.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
E24A0MSD



#45 AR-1268-5

R.T.: 8.027 min
Delta R.T.: 0.000 min
Response: 14923141
Conc: 9.69 ng/ml