

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072720\
 Data File : PR046502.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2020 19:29
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 04:34:08 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 28 04:31:31 2020
 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...	4.793	4.015	30883574	215.9E6	64.422	63.475
2)	SA Decachlor...	10.805	9.143	92293101	799.8E6	52.849	53.167
Target Compounds							
3)	L1 AR-1016-1	5.980	5.112	17929737	129.6E6	630.079	617.664
4)	L1 AR-1016-2	6.003	5.133	25265405	184.9E6	638.729	616.887
5)	L1 AR-1016-3	6.066	5.311	15965603	101.2E6	610.878	627.193
6)	L1 AR-1016-4	6.168	5.350	13243046	82406854	624.330	612.371
7)	L1 AR-1016-5	6.461	5.568	14347318	117.4E6	614.871	624.917
8)	L2 AR-1221-1	5.001	4.226	998724	8814824	160.730	172.036
9)	L2 AR-1221-2	5.095	4.316	1665882	12794635	352.598	321.641
10)	L2 AR-1221-3	5.174	4.392	6492809	48417619	383.496	402.978
11)	L3 AR-1232-1	5.174	4.392	6492809	48417619	460.937	454.516
12)	L3 AR-1232-2	5.710	5.133	10906226	184.9E6	1340.459	1327.939
13)	L3 AR-1232-3	6.003	5.311	25265405	101.2E6	1353.293	1350.818
14)	L3 AR-1232-4	6.168	5.394	13243046	102.7E6	1390.511	1471.340
15)	L3 AR-1232-5	6.251	5.568	11911445	117.4E6	1613.422	1481.133
16)	L4 AR-1242-1	5.980	5.112	17929737	129.6E6	755.645	755.152
17)	L4 AR-1242-2	6.003	5.133	25265405	184.9E6	744.643	760.133
18)	L4 AR-1242-3	6.066	5.311	15965603	101.2E6	734.381	750.635
19)	L4 AR-1242-4	6.168	5.394	13243046	102.7E6	754.264	749.081
20)	L4 AR-1242-5	6.908	5.923	3395231	93659404	135.743	432.957 #
21)	L5 AR-1248-1	5.980	5.112	17929737	129.6E6	870.812	858.090
22)	L5 AR-1248-2	6.251	5.350	11911445	82406854	392.687	392.248
23)	L5 AR-1248-3	6.461	5.394	14347318	102.7E6	397.226	467.920
24)	L5 AR-1248-4	6.868	5.568	3220463	117.4E6	68.798	415.522 #
25)	L5 AR-1248-5	6.908	5.964	3395231	17431023	75.451	53.210 #
26)	L6 AR-1254-1	6.839	5.923	11523029	93659404	266.365	201.838
27)	L6 AR-1254-2	7.055	6.069	13403707	91144070	185.045	212.472
28)	L6 AR-1254-3	7.430	6.492	8536609	231.4E6	98.788	291.935 #
29)	L6 AR-1254-4	7.717	6.705	6484564	32313046	92.119	57.727 #
30)	L6 AR-1254-5	8.138	7.126	54192699	431.3E6	673.891	533.722
31)	L7 AR-1260-1	7.589	6.608	33269462	277.4E6	570.548	567.789
32)	L7 AR-1260-2	7.846	6.795	42852103	363.3E6	575.012	563.431
33)	L7 AR-1260-3	8.210	6.952	34320980	339.8E6	565.422	570.182
34)	L7 AR-1260-4	8.456	7.425	42048809	319.1E6	559.201	559.380
35)	L7 AR-1260-5	8.804	7.665	89775767	852.5E6	554.681	560.179
36)	L8 AR-1262-1	8.210	7.126	34320980	431.3E6	365.008	988.557 #
37)	L8 AR-1262-2	8.804	7.665	89775767	852.5E6	466.001	489.791
38)	L8 AR-1262-3	9.141	7.952	20295949	192.8E6	241.094	269.927
39)	L8 AR-1262-4	9.226	8.016	36406953	645.7E6	369.803	489.299 #
40)	L8 AR-1262-5	9.974	8.538	30274602	267.3E6	388.267	388.705
41)	L9 AR-1268-1	9.141	7.952	20295949	192.8E6	90.748	97.399

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 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

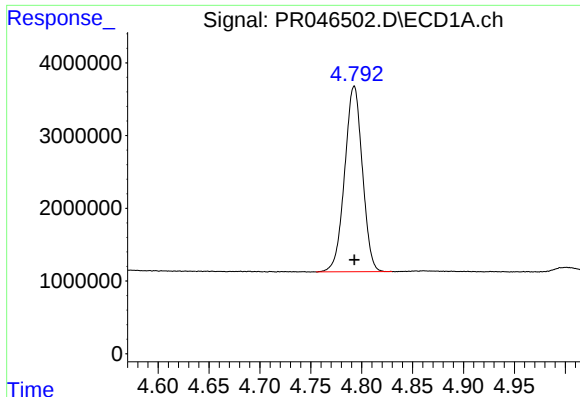
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 04:34:08 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072720.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	9.226f	8.016	36406953	645.7E6	177.308	340.066 #
43) L9	AR-1268-3	9.493	8.233	2084438	18301132	12.231	11.602
44) L9	AR-1268-4	9.974	8.538	30274602	267.3E6	347.515	347.585
45) L9	AR-1268-5	10.432	8.858	8409174	79763221	13.006	14.145

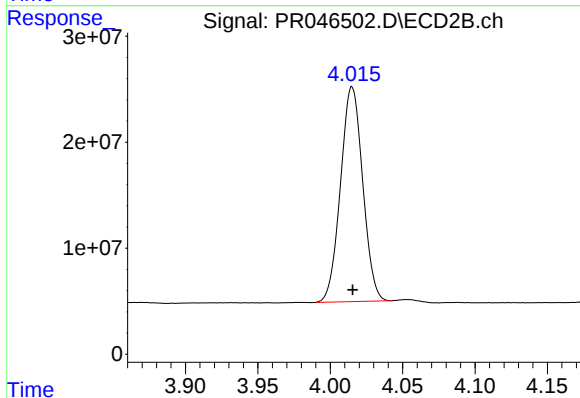
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

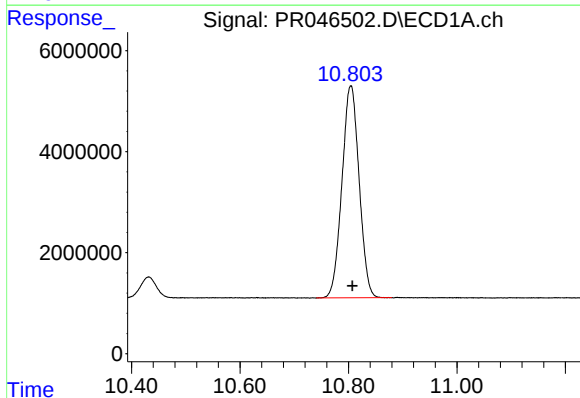
R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 30883574
Conc: 64.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



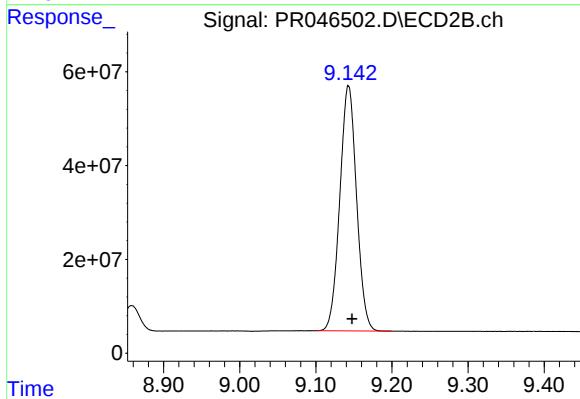
#1 Tetrachloro-m-xylene

R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 215886035
Conc: 63.48 ng/ml



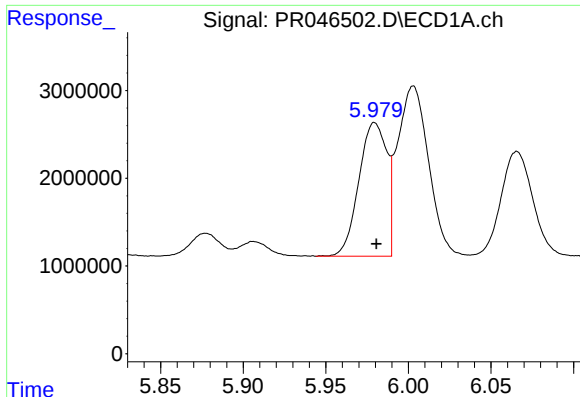
#2 Decachlorobiphenyl

R.T.: 10.805 min
Delta R.T.: -0.003 min
Response: 92293101
Conc: 52.85 ng/ml



#2 Decachlorobiphenyl

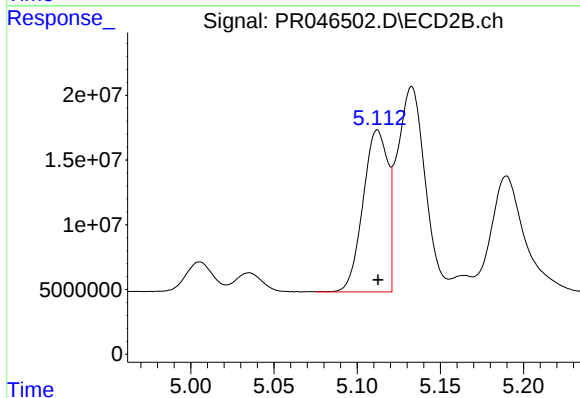
R.T.: 9.143 min
Delta R.T.: -0.005 min
Response: 799809153
Conc: 53.17 ng/ml



#3 AR-1016-1

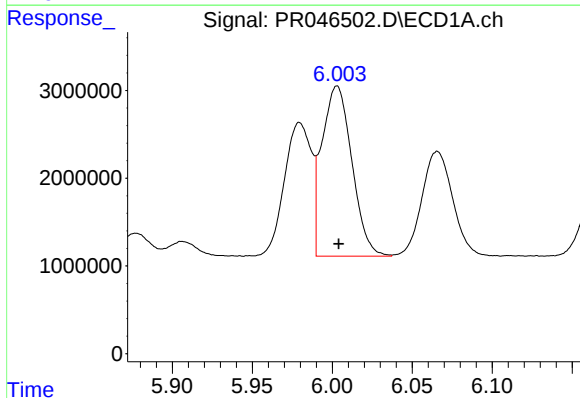
R.T.: 5.980 min
Delta R.T.: -0.001 min
Response: 17929737
Conc: 630.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



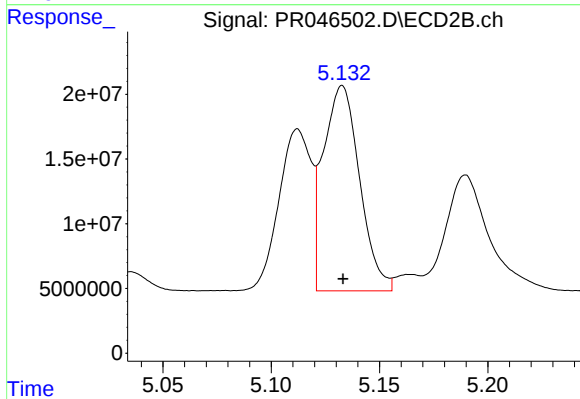
#3 AR-1016-1

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 129608474
Conc: 617.66 ng/ml



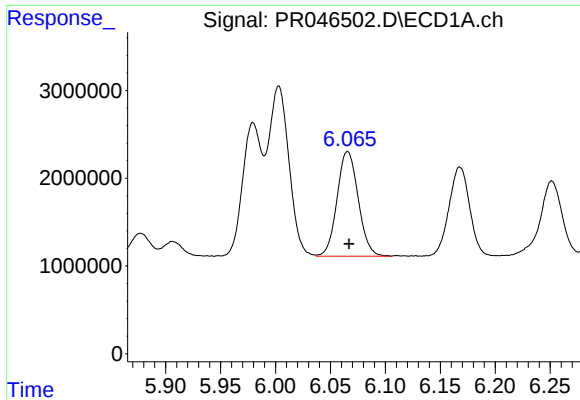
#4 AR-1016-2

R.T.: 6.003 min
Delta R.T.: -0.001 min
Response: 25265405
Conc: 638.73 ng/ml



#4 AR-1016-2

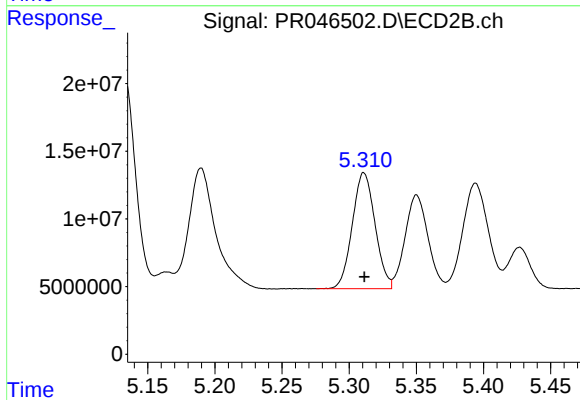
R.T.: 5.133 min
Delta R.T.: 0.000 min
Response: 184900657
Conc: 616.89 ng/ml



#5 AR-1016-3

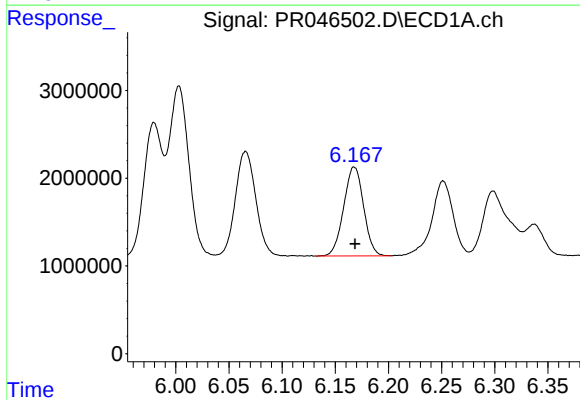
R.T.: 6.066 min
Delta R.T.: -0.001 min
Response: 15965603
Conc: 610.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



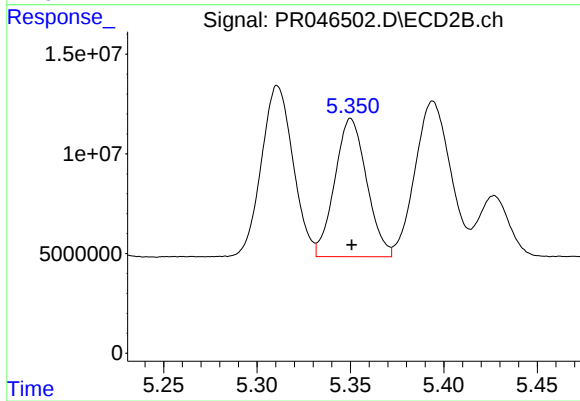
#5 AR-1016-3

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 101184907
Conc: 627.19 ng/ml



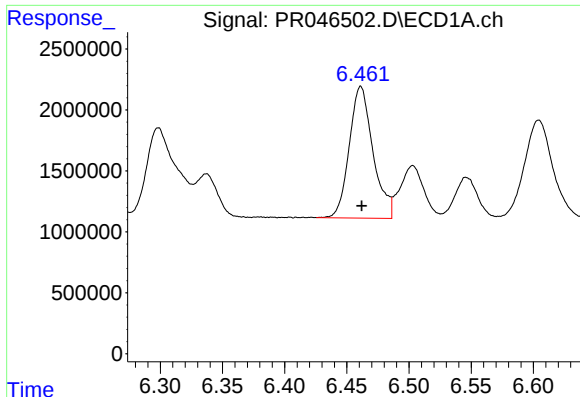
#6 AR-1016-4

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 13243046
Conc: 624.33 ng/ml



#6 AR-1016-4

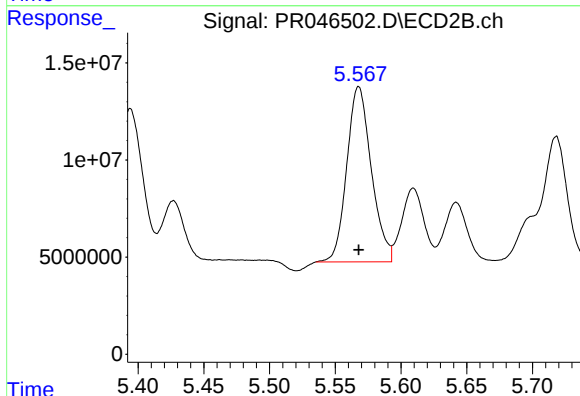
R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 82406854
Conc: 612.37 ng/ml



#7 AR-1016-5

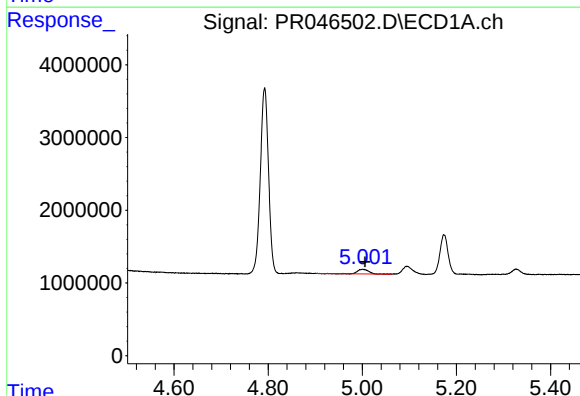
R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 14347318
Conc: 614.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



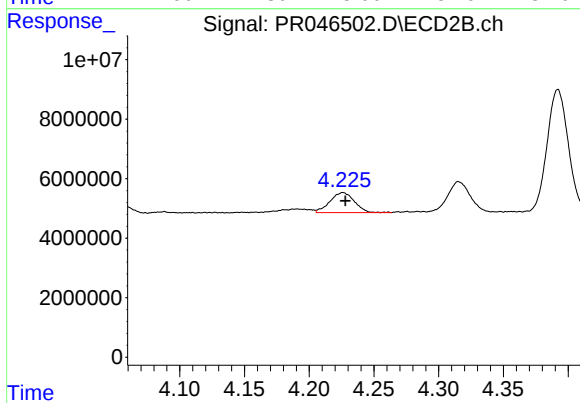
#7 AR-1016-5

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 117416632
Conc: 624.92 ng/ml



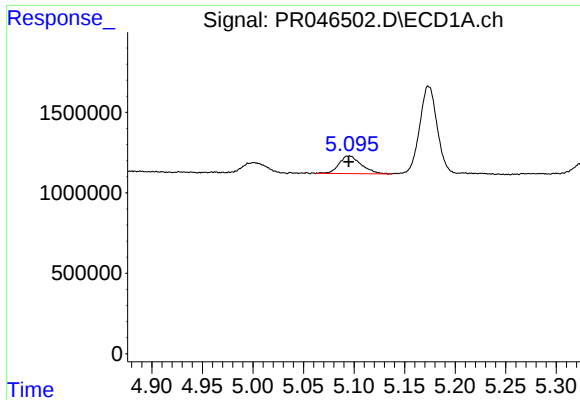
#8 AR-1221-1

R.T.: 5.001 min
Delta R.T.: -0.005 min
Response: 998724
Conc: 160.73 ng/ml



#8 AR-1221-1

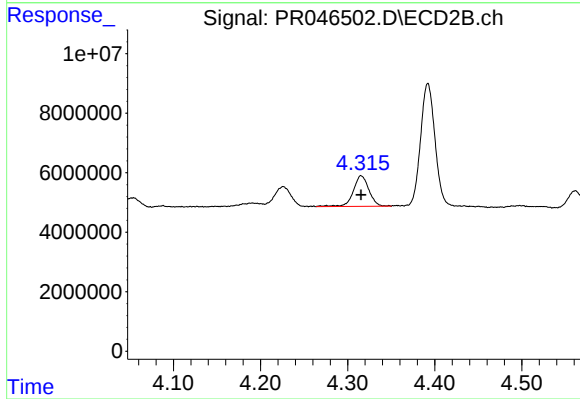
R.T.: 4.226 min
Delta R.T.: -0.002 min
Response: 8814824
Conc: 172.04 ng/ml



#9 AR-1221-2

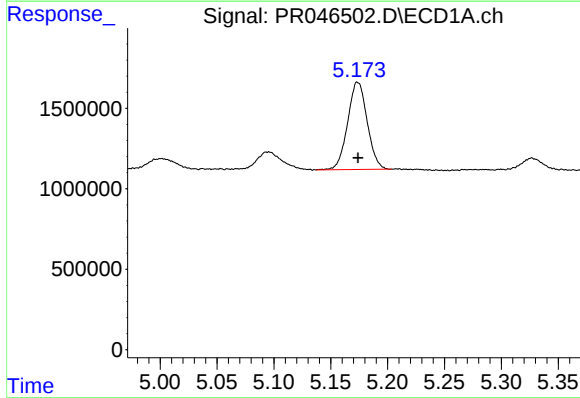
R.T.: 5.095 min
Delta R.T.: 0.000 min
Response: 1665882
Conc: 352.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



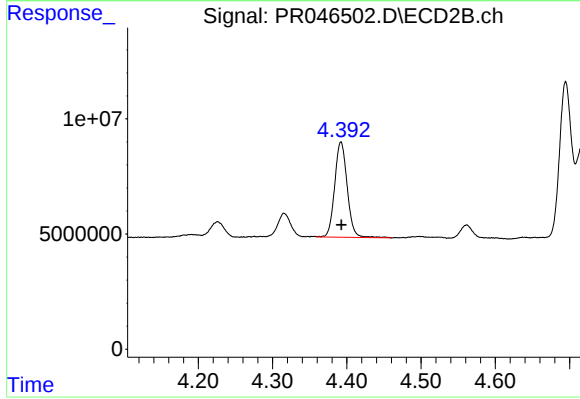
#9 AR-1221-2

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 12794635
Conc: 321.64 ng/ml



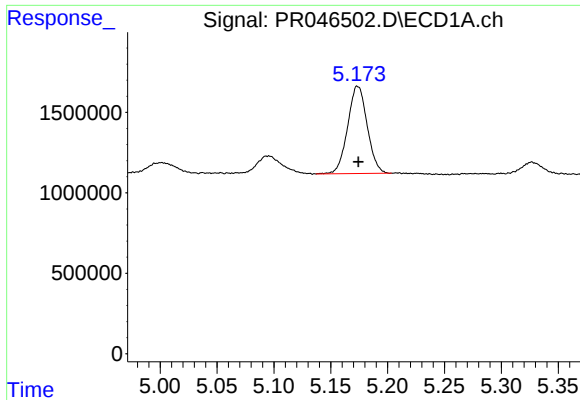
#10 AR-1221-3

R.T.: 5.174 min
Delta R.T.: 0.000 min
Response: 6492809
Conc: 383.50 ng/ml



#10 AR-1221-3

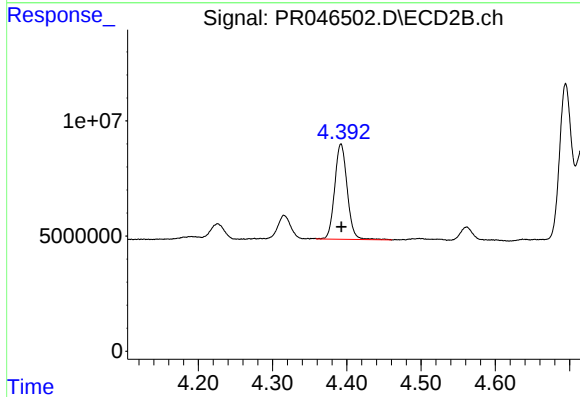
R.T.: 4.392 min
Delta R.T.: 0.000 min
Response: 48417619
Conc: 402.98 ng/ml



#11 AR-1232-1

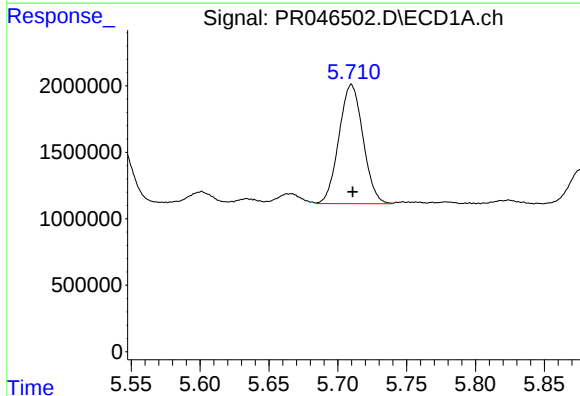
R.T.: 5.174 min
Delta R.T.: 0.000 min
Response: 6492809
Conc: 460.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



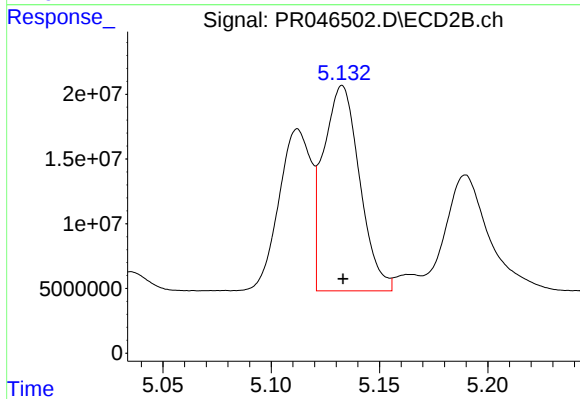
#11 AR-1232-1

R.T.: 4.392 min
Delta R.T.: 0.000 min
Response: 48417619
Conc: 454.52 ng/ml



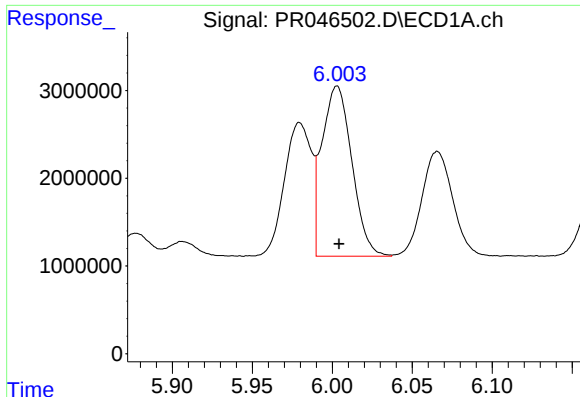
#12 AR-1232-2

R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 10906226
Conc: 1340.46 ng/ml



#12 AR-1232-2

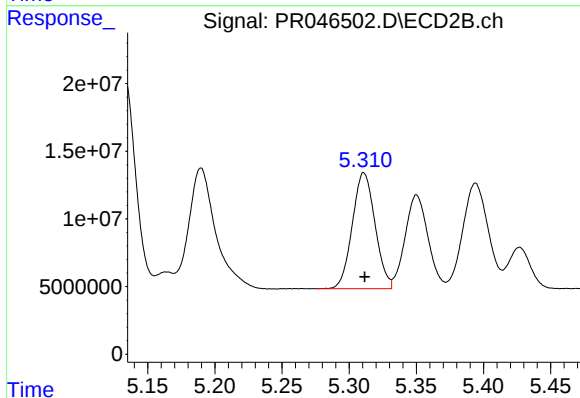
R.T.: 5.133 min
Delta R.T.: 0.000 min
Response: 184900657
Conc: 1327.94 ng/ml



#13 AR-1232-3

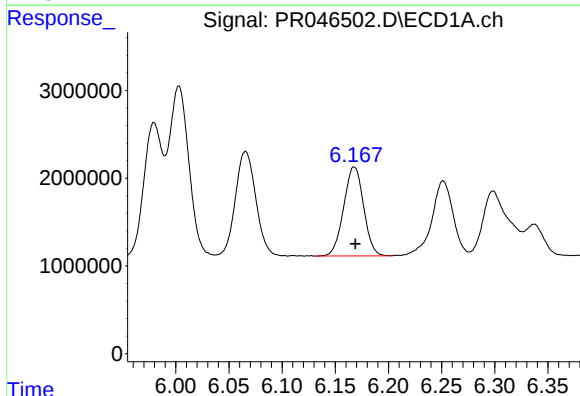
R.T.: 6.003 min
Delta R.T.: -0.001 min
Response: 25265405
Conc: 1353.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



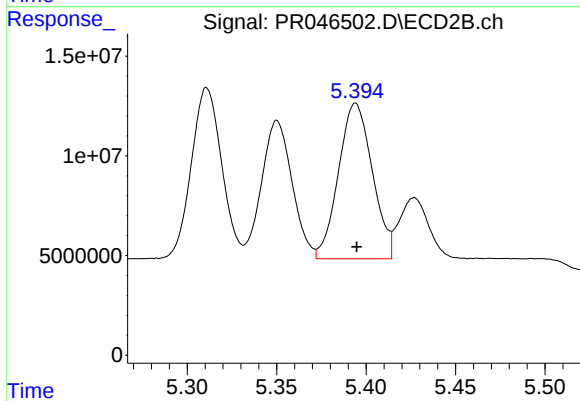
#13 AR-1232-3

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 101184907
Conc: 1350.82 ng/ml



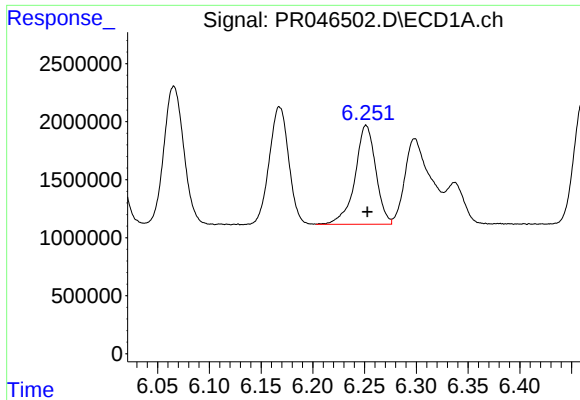
#14 AR-1232-4

R.T.: 6.168 min
Delta R.T.: -0.001 min
Response: 13243046
Conc: 1390.51 ng/ml



#14 AR-1232-4

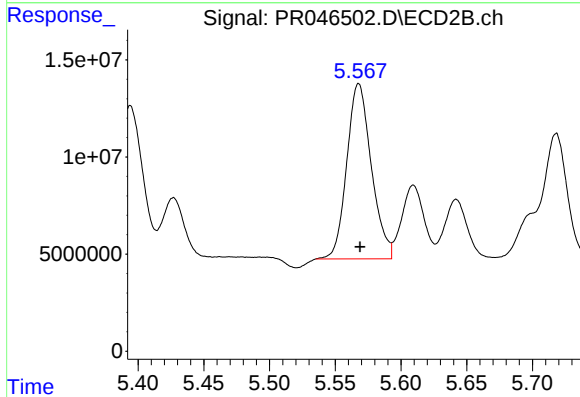
R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 102695446
Conc: 1471.34 ng/ml



#15 AR-1232-5

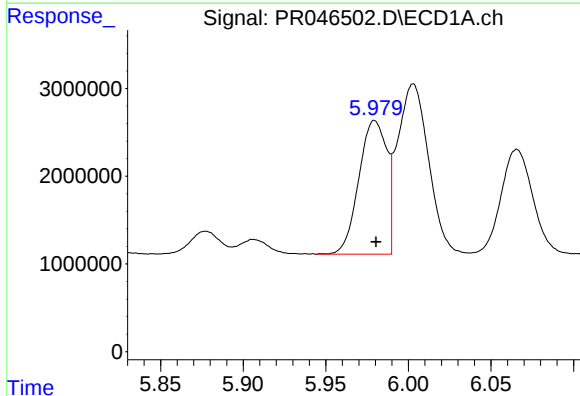
R.T.: 6.251 min
Delta R.T.: -0.001 min
Response: 11911445
Conc: 1613.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



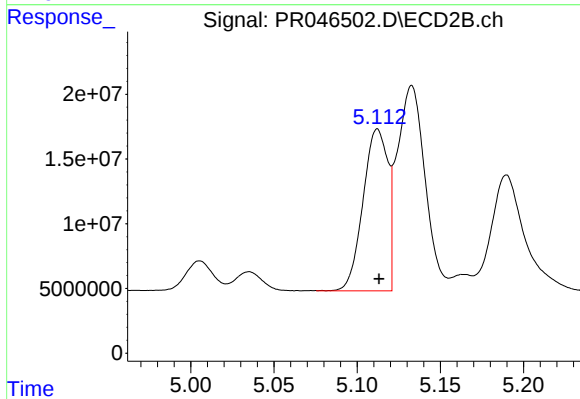
#15 AR-1232-5

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 117416632
Conc: 1481.13 ng/ml



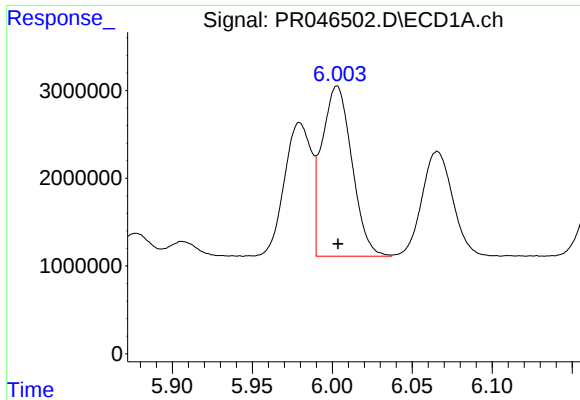
#16 AR-1242-1

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 17929737
Conc: 755.64 ng/ml



#16 AR-1242-1

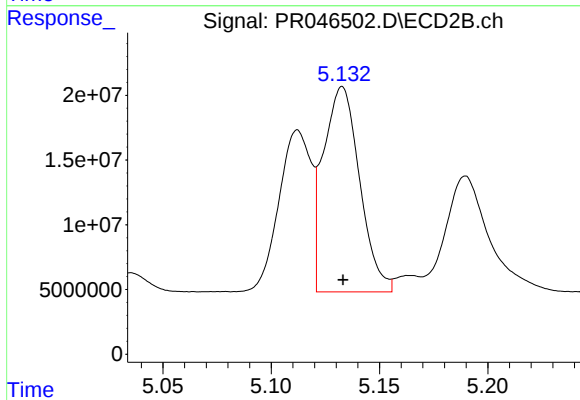
R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 129608474
Conc: 755.15 ng/ml



#17 AR-1242-2

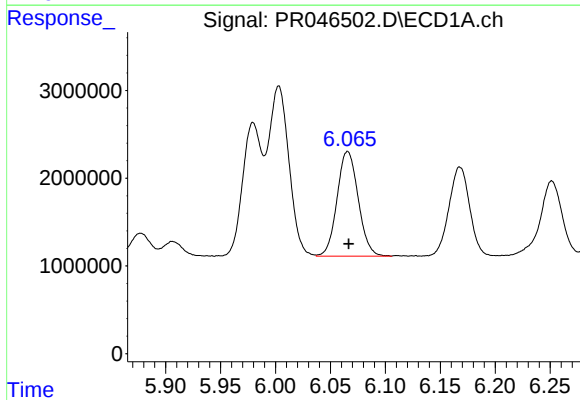
R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 25265405
Conc: 744.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



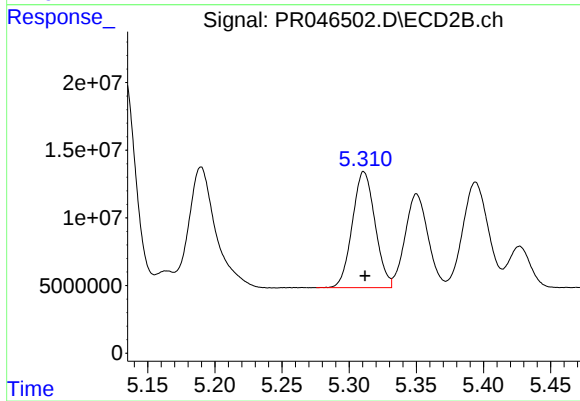
#17 AR-1242-2

R.T.: 5.133 min
Delta R.T.: 0.000 min
Response: 184900657
Conc: 760.13 ng/ml



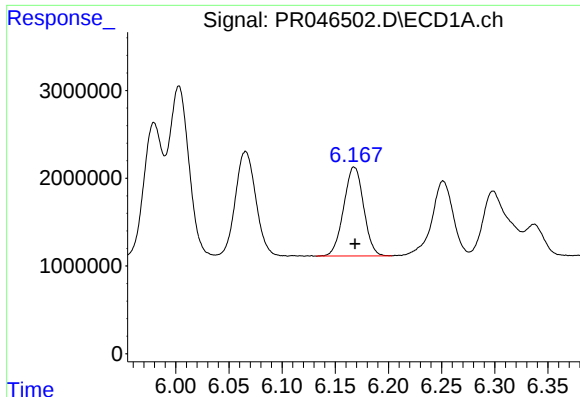
#18 AR-1242-3

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 15965603
Conc: 734.38 ng/ml



#18 AR-1242-3

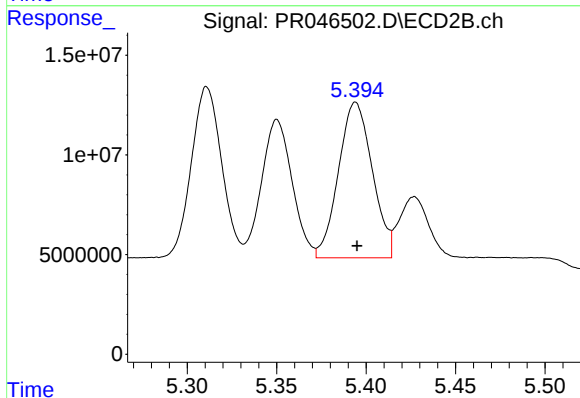
R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 101184907
Conc: 750.63 ng/ml



#19 AR-1242-4

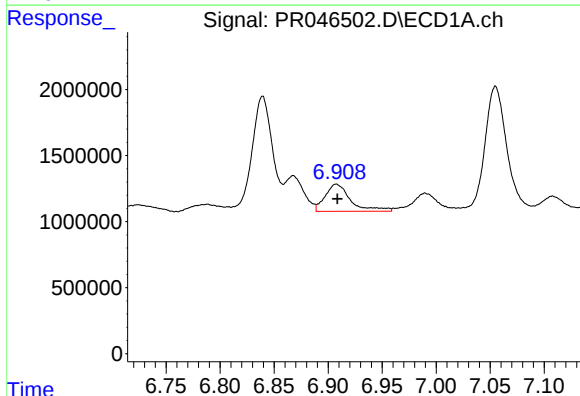
R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 13243046
Conc: 754.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



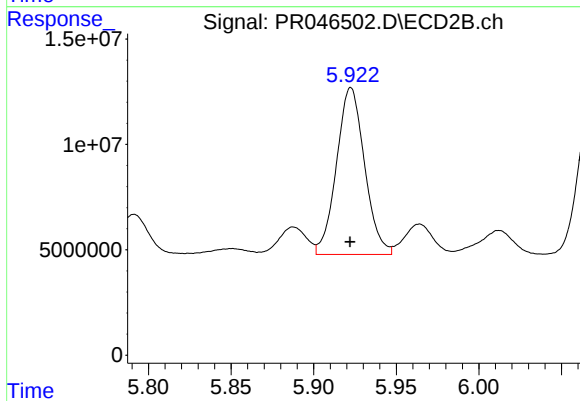
#19 AR-1242-4

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 102695446
Conc: 749.08 ng/ml



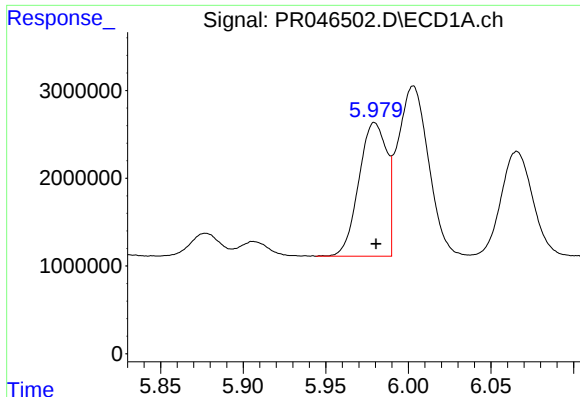
#20 AR-1242-5

R.T.: 6.908 min
Delta R.T.: -0.001 min
Response: 3395231
Conc: 135.74 ng/ml



#20 AR-1242-5

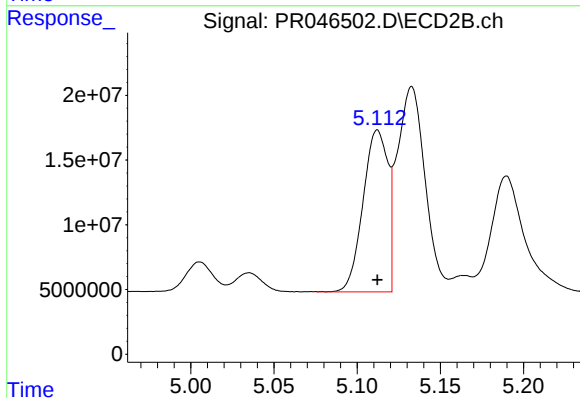
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 93659404
Conc: 432.96 ng/ml



#21 AR-1248-1

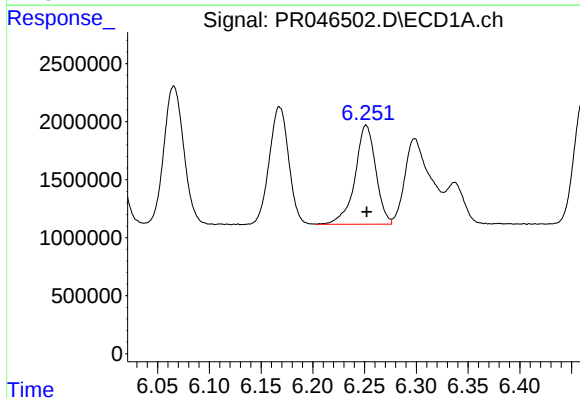
R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 17929737
Conc: 870.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



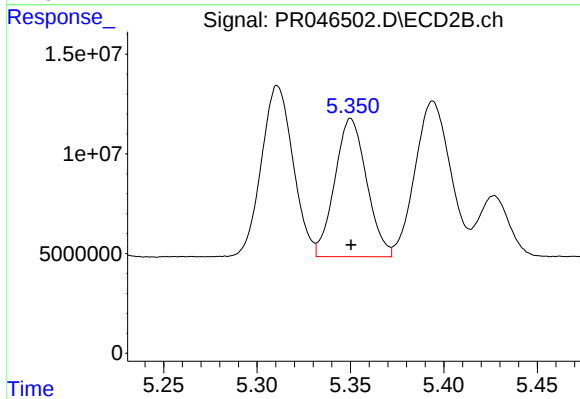
#21 AR-1248-1

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 129608474
Conc: 858.09 ng/ml



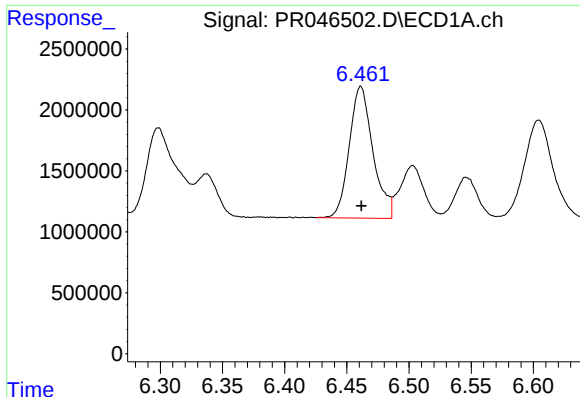
#22 AR-1248-2

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 11911445
Conc: 392.69 ng/ml



#22 AR-1248-2

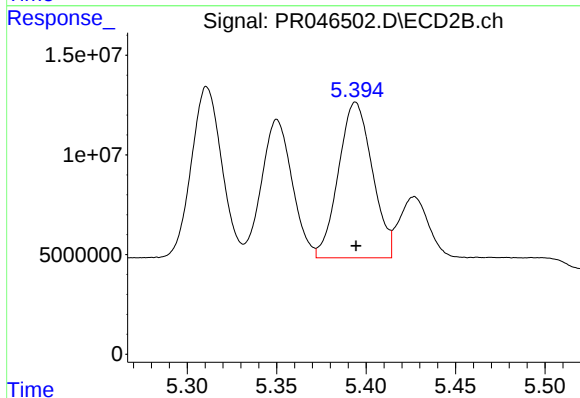
R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 82406854
Conc: 392.25 ng/ml



#23 AR-1248-3

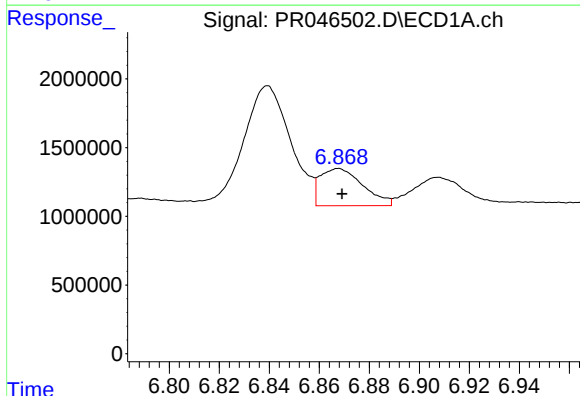
R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 14347318
Conc: 397.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



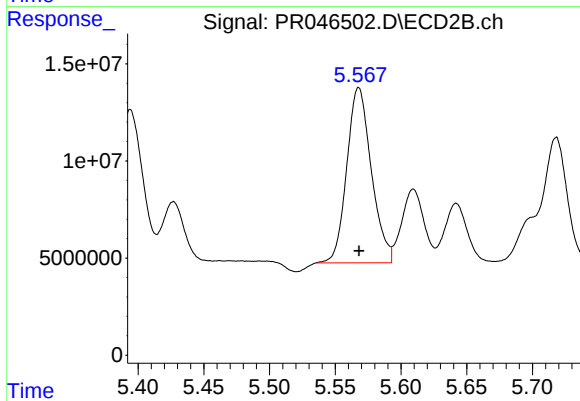
#23 AR-1248-3

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 102695446
Conc: 467.92 ng/ml



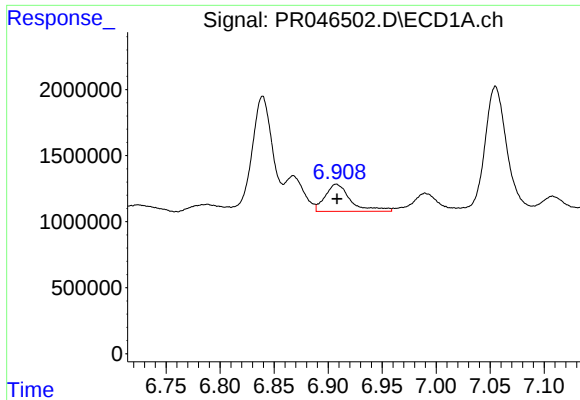
#24 AR-1248-4

R.T.: 6.868 min
Delta R.T.: -0.002 min
Response: 3220463
Conc: 68.80 ng/ml



#24 AR-1248-4

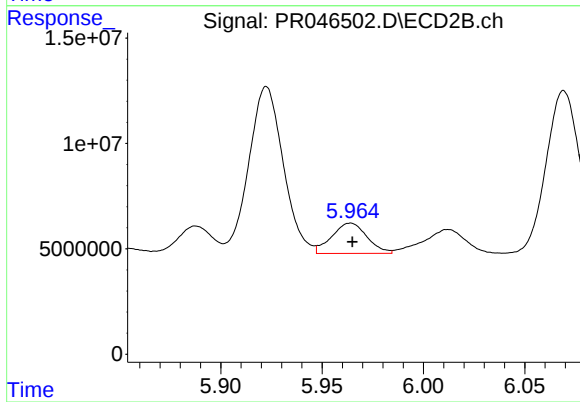
R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 117416632
Conc: 415.52 ng/ml



#25 AR-1248-5

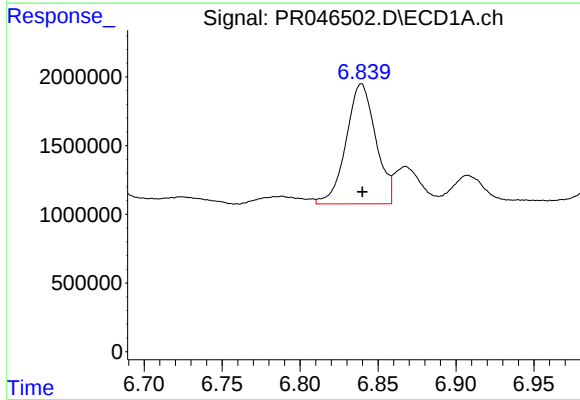
R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 3395231
Conc: 75.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



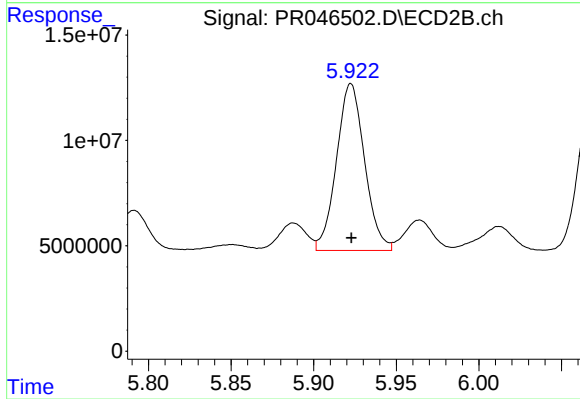
#25 AR-1248-5

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 17431023
Conc: 53.21 ng/ml



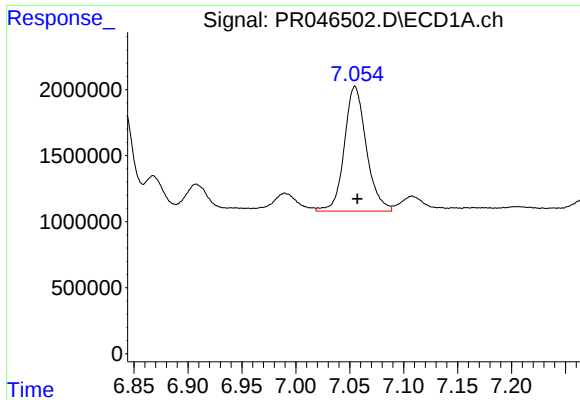
#26 AR-1254-1

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 11523029
Conc: 266.36 ng/ml



#26 AR-1254-1

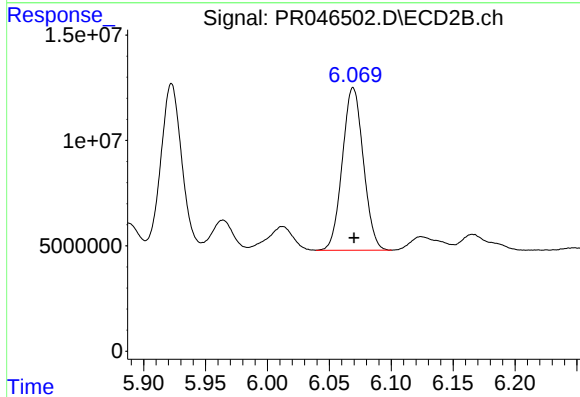
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 93659404
Conc: 201.84 ng/ml



#27 AR-1254-2

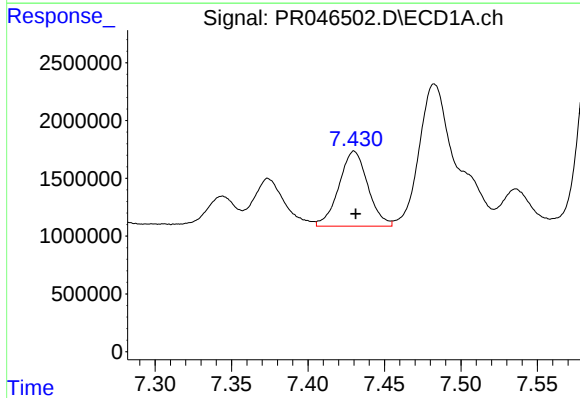
R.T.: 7.055 min
Delta R.T.: -0.002 min
Response: 13403707
Conc: 185.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



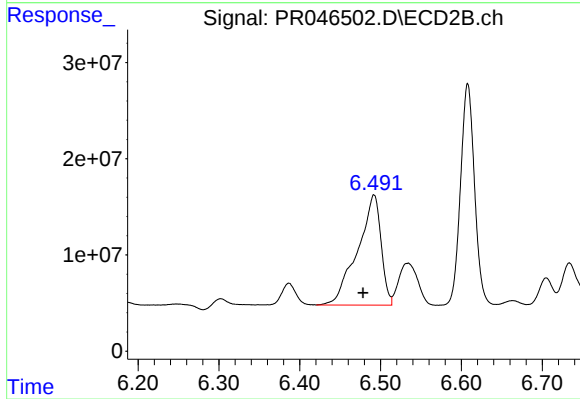
#27 AR-1254-2

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 91144070
Conc: 212.47 ng/ml



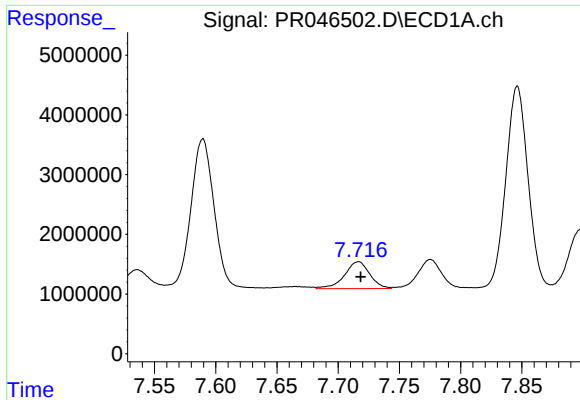
#28 AR-1254-3

R.T.: 7.430 min
Delta R.T.: -0.001 min
Response: 8536609
Conc: 98.79 ng/ml



#28 AR-1254-3

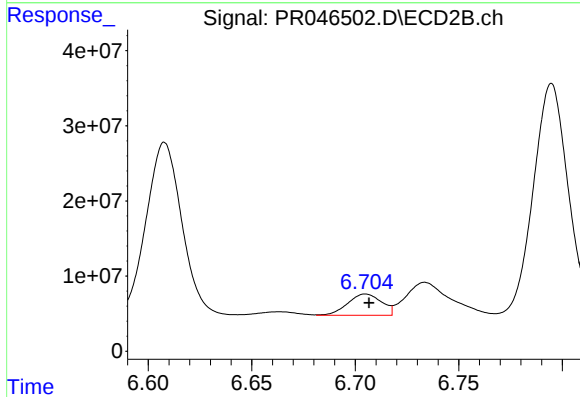
R.T.: 6.492 min
Delta R.T.: 0.014 min
Response: 231438895
Conc: 291.93 ng/ml



#29 AR-1254-4

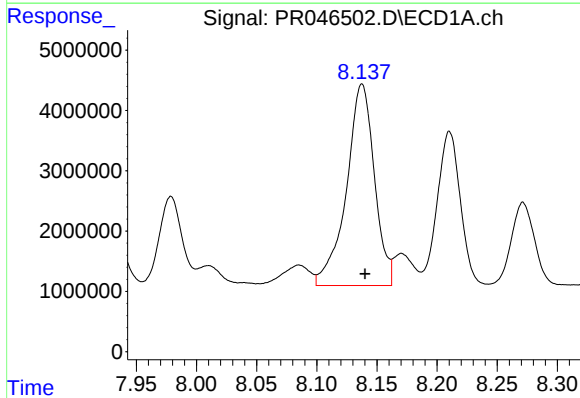
R.T.: 7.717 min
Delta R.T.: -0.002 min
Response: 6484564
Conc: 92.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



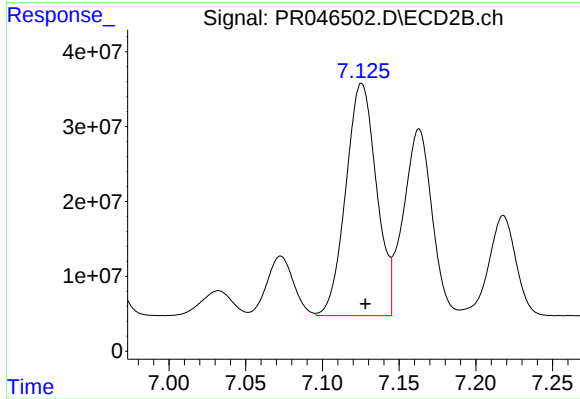
#29 AR-1254-4

R.T.: 6.705 min
Delta R.T.: -0.002 min
Response: 32313046
Conc: 57.73 ng/ml



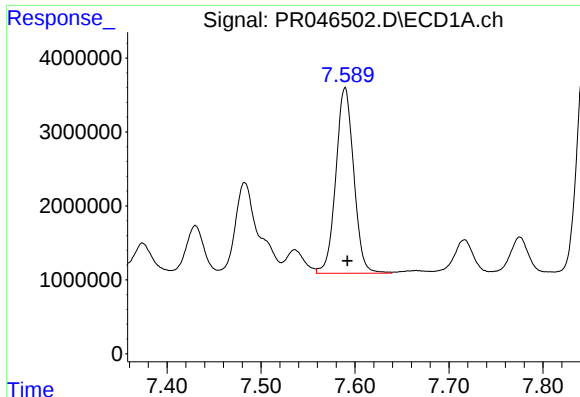
#30 AR-1254-5

R.T.: 8.138 min
Delta R.T.: -0.003 min
Response: 54192699
Conc: 673.89 ng/ml



#30 AR-1254-5

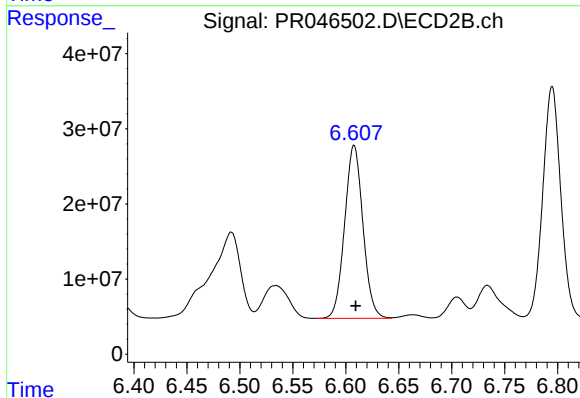
R.T.: 7.126 min
Delta R.T.: -0.002 min
Response: 431286123
Conc: 533.72 ng/ml



#31 AR-1260-1

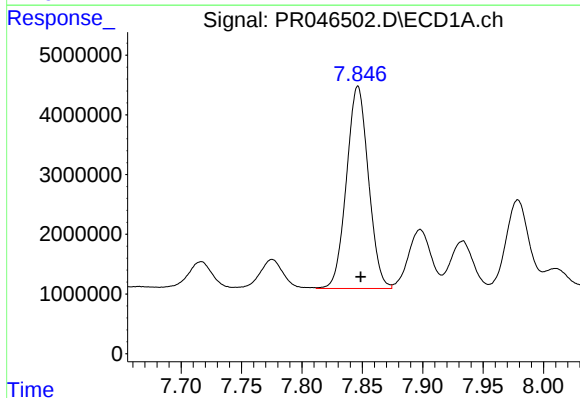
R.T.: 7.589 min
Delta R.T.: -0.003 min
Response: 33269462
Conc: 570.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



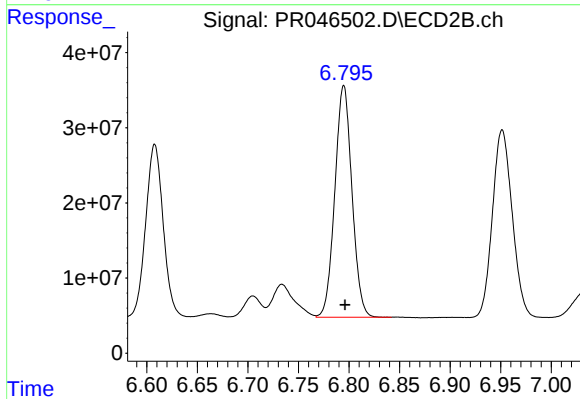
#31 AR-1260-1

R.T.: 6.608 min
Delta R.T.: -0.002 min
Response: 277447279
Conc: 567.79 ng/ml



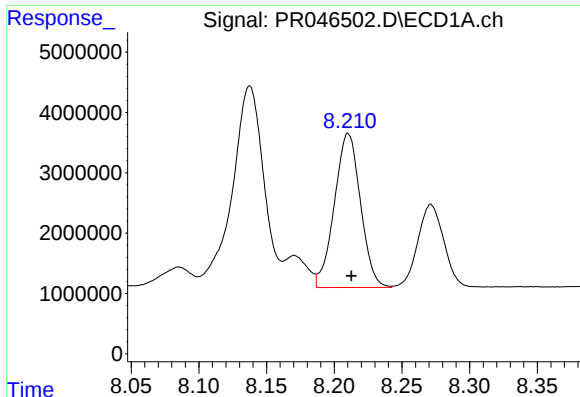
#32 AR-1260-2

R.T.: 7.846 min
Delta R.T.: -0.002 min
Response: 42852103
Conc: 575.01 ng/ml



#32 AR-1260-2

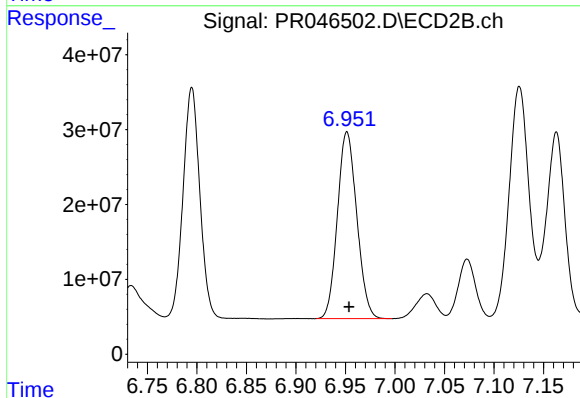
R.T.: 6.795 min
Delta R.T.: -0.001 min
Response: 363256640
Conc: 563.43 ng/ml



#33 AR-1260-3

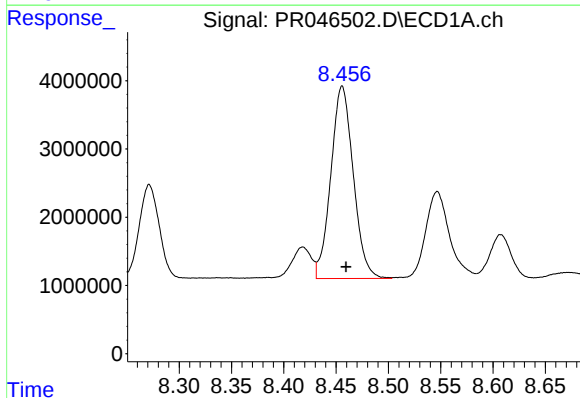
R.T.: 8.210 min
Delta R.T.: -0.002 min
Response: 34320980
Conc: 565.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



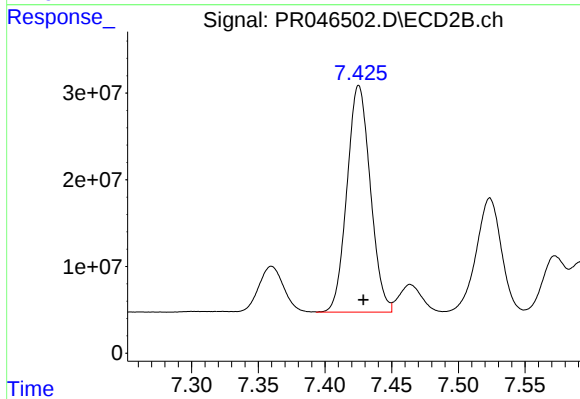
#33 AR-1260-3

R.T.: 6.952 min
Delta R.T.: -0.002 min
Response: 339755074
Conc: 570.18 ng/ml



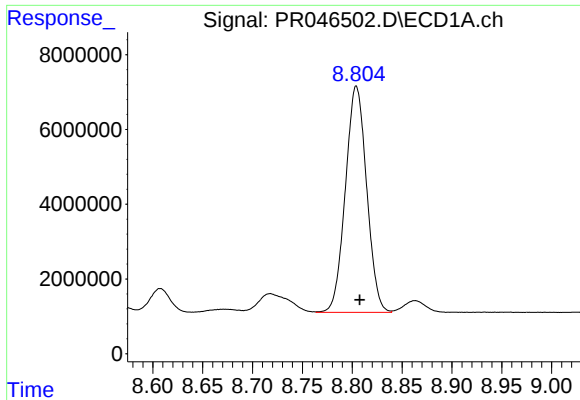
#34 AR-1260-4

R.T.: 8.456 min
Delta R.T.: -0.004 min
Response: 42048809
Conc: 559.20 ng/ml



#34 AR-1260-4

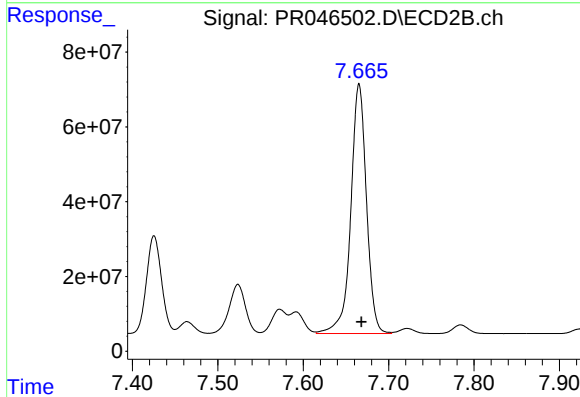
R.T.: 7.425 min
Delta R.T.: -0.004 min
Response: 319050274
Conc: 559.38 ng/ml



#35 AR-1260-5

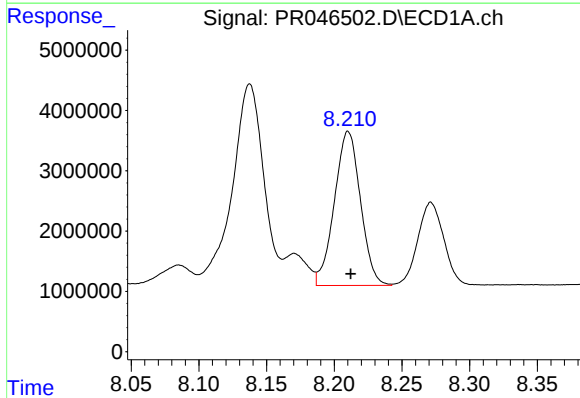
R.T.: 8.804 min
Delta R.T.: -0.004 min
Response: 89775767
Conc: 554.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



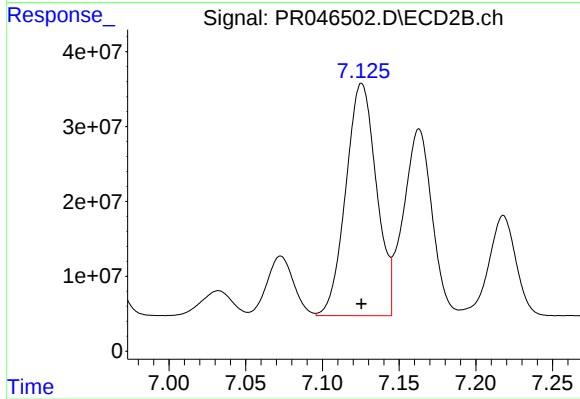
#35 AR-1260-5

R.T.: 7.665 min
Delta R.T.: -0.003 min
Response: 852491798
Conc: 560.18 ng/ml



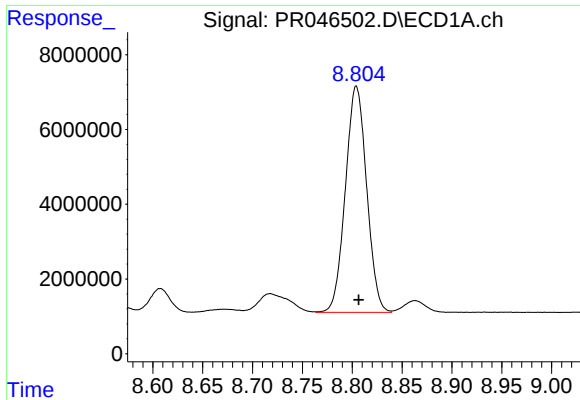
#36 AR-1262-1

R.T.: 8.210 min
Delta R.T.: -0.002 min
Response: 34320980
Conc: 365.01 ng/ml



#36 AR-1262-1

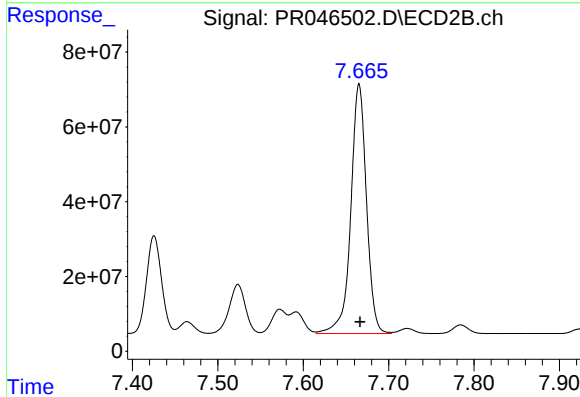
R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 431286123
Conc: 988.56 ng/ml



#37 AR-1262-2

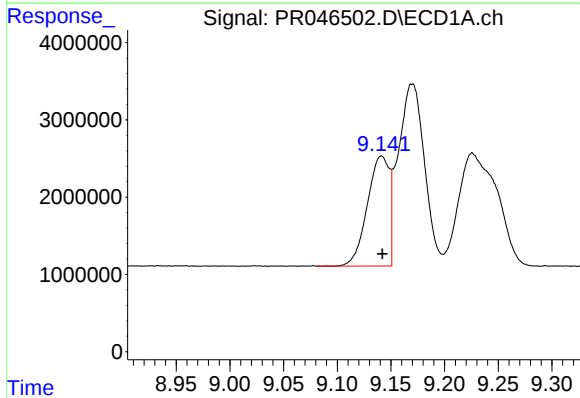
R.T.: 8.804 min
Delta R.T.: -0.002 min
Response: 89775767
Conc: 466.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



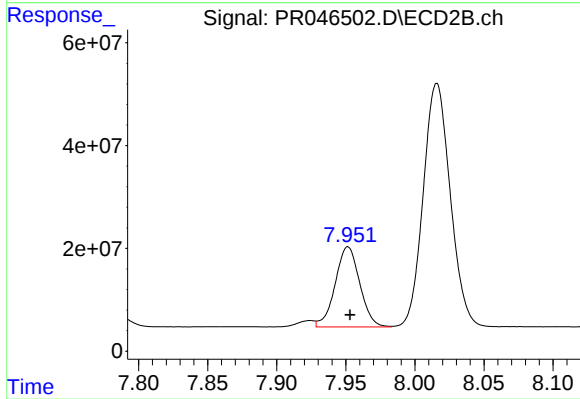
#37 AR-1262-2

R.T.: 7.665 min
Delta R.T.: -0.001 min
Response: 852491798
Conc: 489.79 ng/ml



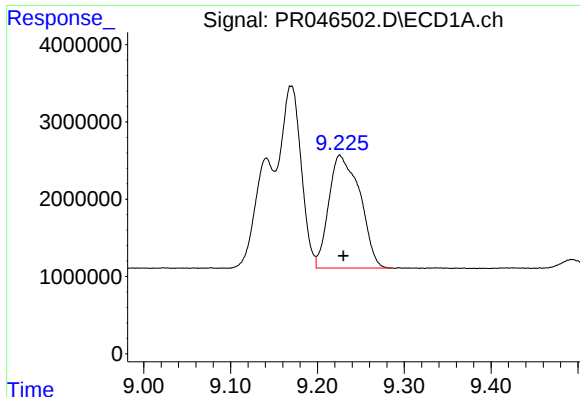
#38 AR-1262-3

R.T.: 9.141 min
Delta R.T.: 0.000 min
Response: 20295949
Conc: 241.09 ng/ml



#38 AR-1262-3

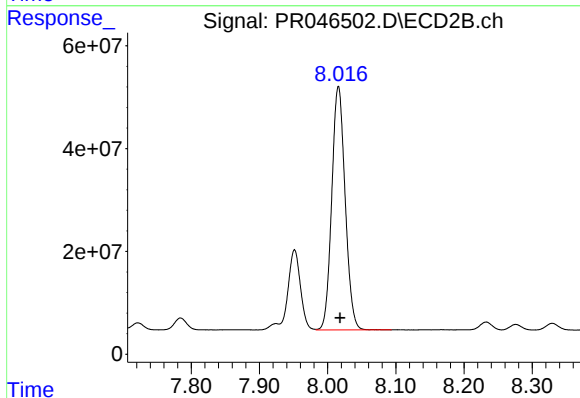
R.T.: 7.952 min
Delta R.T.: -0.001 min
Response: 192827613
Conc: 269.93 ng/ml



#39 AR-1262-4

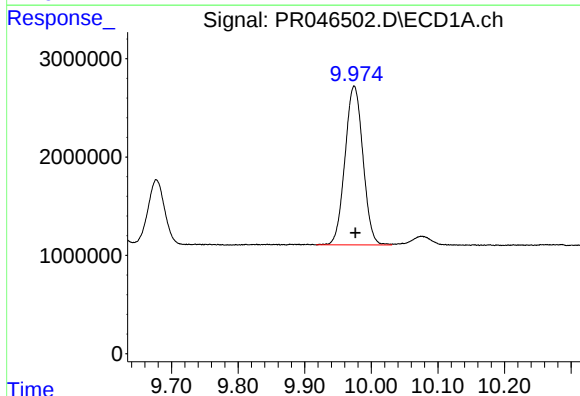
R.T.: 9.226 min
Delta R.T.: -0.004 min
Response: 36406953
Conc: 369.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



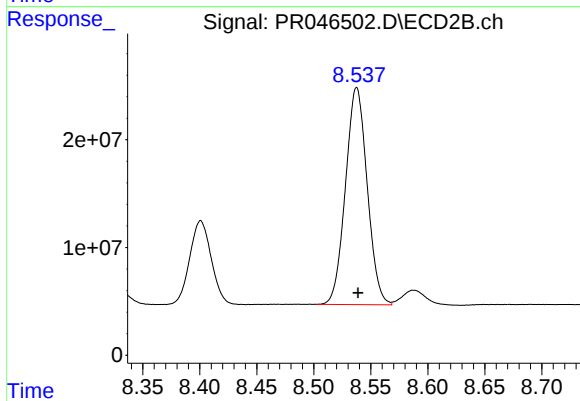
#39 AR-1262-4

R.T.: 8.016 min
Delta R.T.: -0.002 min
Response: 645722889
Conc: 489.30 ng/ml



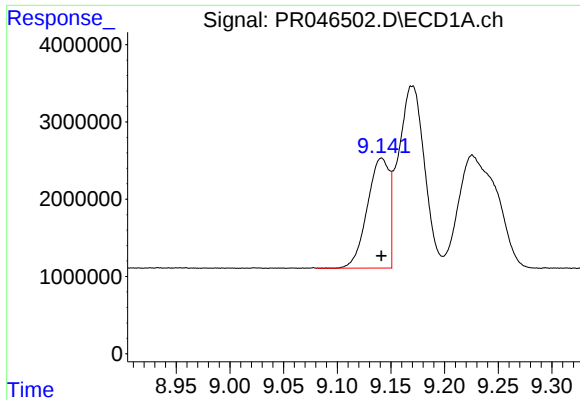
#40 AR-1262-5

R.T.: 9.974 min
Delta R.T.: -0.002 min
Response: 30274602
Conc: 388.27 ng/ml



#40 AR-1262-5

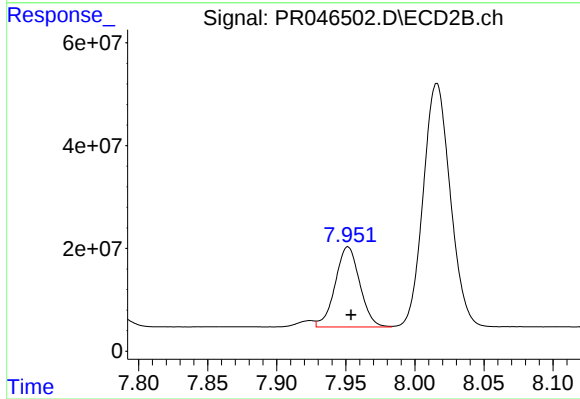
R.T.: 8.538 min
Delta R.T.: -0.001 min
Response: 267281865
Conc: 388.71 ng/ml



#41 AR-1268-1

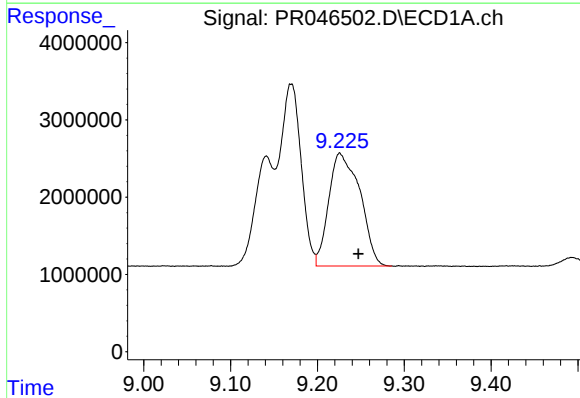
R.T.: 9.141 min
Delta R.T.: 0.000 min
Response: 20295949
Conc: 90.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



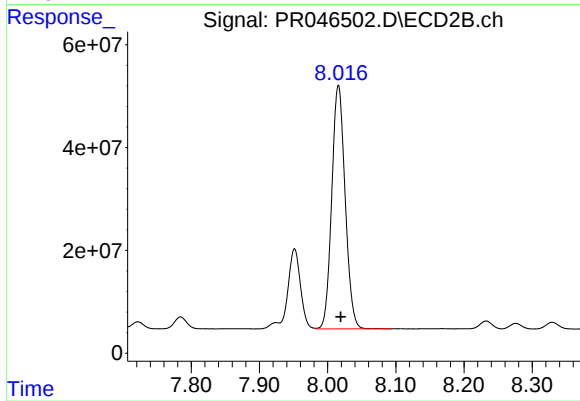
#41 AR-1268-1

R.T.: 7.952 min
Delta R.T.: -0.002 min
Response: 192827613
Conc: 97.40 ng/ml



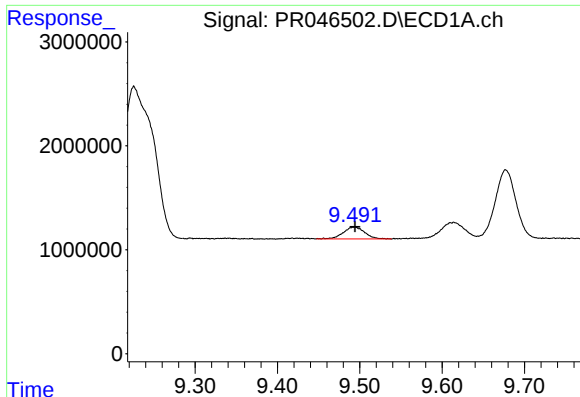
#42 AR-1268-2

R.T.: 9.226 min
Delta R.T.: -0.021 min
Response: 36406953
Conc: 177.31 ng/ml



#42 AR-1268-2

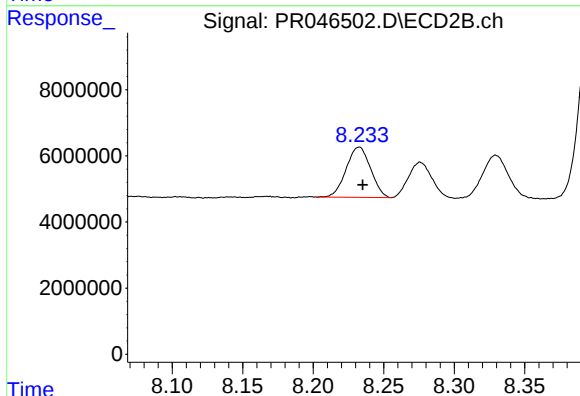
R.T.: 8.016 min
Delta R.T.: -0.004 min
Response: 645722889
Conc: 340.07 ng/ml



#43 AR-1268-3

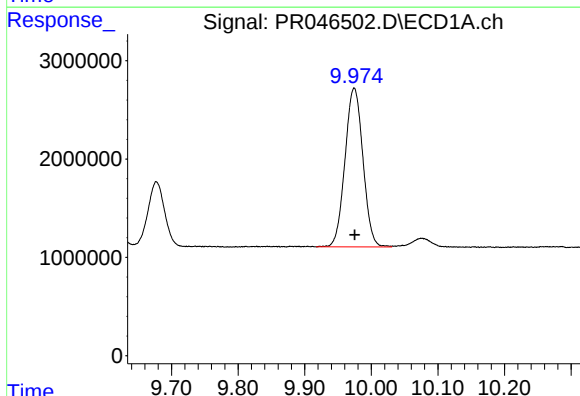
R.T.: 9.493 min
Delta R.T.: -0.001 min
Response: 2084438
Conc: 12.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



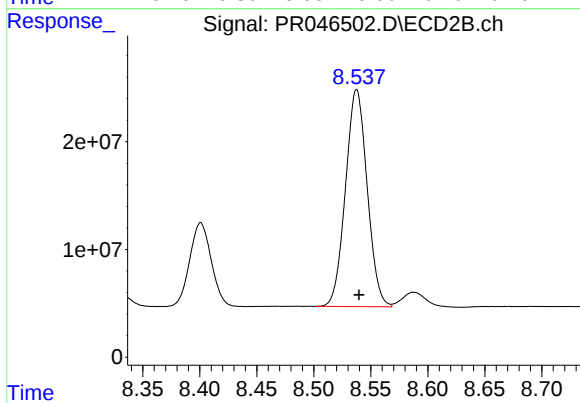
#43 AR-1268-3

R.T.: 8.233 min
Delta R.T.: -0.003 min
Response: 18301132
Conc: 11.60 ng/ml



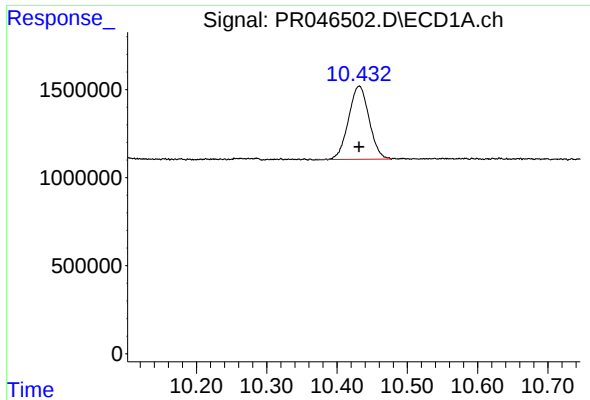
#44 AR-1268-4

R.T.: 9.974 min
Delta R.T.: 0.000 min
Response: 30274602
Conc: 347.51 ng/ml



#44 AR-1268-4

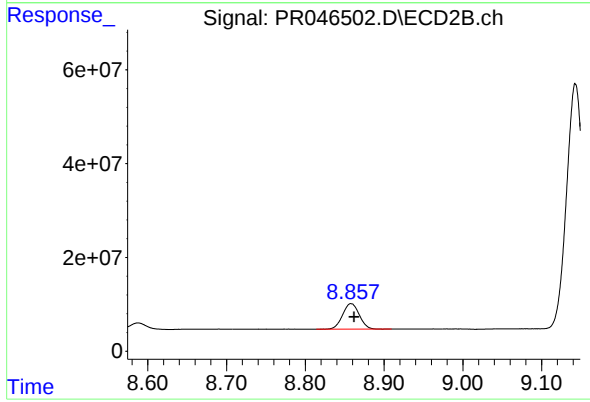
R.T.: 8.538 min
Delta R.T.: -0.002 min
Response: 267281865
Conc: 347.59 ng/ml



#45 AR-1268-5

R.T.: 10.432 min
Delta R.T.: 0.000 min
Response: 8409174
Conc: 13.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.858 min
Delta R.T.: -0.004 min
Response: 79763221
Conc: 14.14 ng/ml