

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072821\
 Data File : PR051443.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2021 22:24
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 04:54:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 28 02:51:26 2021
 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...	4.630	3.807	361.8E6	330.2E6	44.267	44.406
2)	SA Decachlor...	10.504	8.830	458.1E6	332.0E6	47.691	41.530
Target Compounds							
3)	L1 AR-1016-1	5.813	4.893	150.4E6	120.6E6	414.553	409.969
4)	L1 AR-1016-2	5.836	4.912	221.7E6	174.5E6	427.348	413.322
5)	L1 AR-1016-3	5.898	5.088	129.0E6	91134034	425.146	409.350
6)	L1 AR-1016-4	5.998	5.129	108.9E6	67687957	423.859	399.650
7)	L1 AR-1016-5	6.292	5.342	104.3E6	88753805	421.051	401.467
8)	L2 AR-1221-1	4.839	4.018	10954651	9812559	124.374	133.668
9)	L2 AR-1221-2	4.933	4.106	15188174	15352665	225.820	260.312
10)	L2 AR-1221-3	5.010	4.181	60284698	56629541	280.439	297.627
11)	L3 AR-1232-1	5.010	4.181	60284698	56629541	333.900	350.703
12)	L3 AR-1232-2	5.544	4.912	98761766	174.5E6	1015.951	1041.009
13)	L3 AR-1232-3	5.836	5.088	221.7E6	91134034	1060.610	1045.749
14)	L3 AR-1232-4	5.998	5.171	108.9E6	83096878	1054.775	1129.716
15)	L3 AR-1232-5	6.085	5.342	90790074	88753805	1208.793	1090.822
16)	L4 AR-1242-1	5.813	4.893	150.4E6	120.6E6	587.637	582.057
17)	L4 AR-1242-2	5.836	4.912	221.7E6	174.5E6	586.482	575.496
18)	L4 AR-1242-3	5.898	5.088	129.0E6	91134034	586.398	571.030
19)	L4 AR-1242-4	5.998	5.171	108.9E6	83096878	584.201	562.384
20)	L4 AR-1242-5	6.737	5.693	21894968	68222399	100.030	340.207 #
21)	L5 AR-1248-1	5.813	4.893	150.4E6	120.6E6	713.253	707.097
22)	L5 AR-1248-2	6.085	5.129	90790074	67687957	310.091	295.527
23)	L5 AR-1248-3	6.292	5.171	104.3E6	83096878	312.149	349.073
24)	L5 AR-1248-4	6.697	5.342	22150955	88753805	53.283	309.333 #
25)	L5 AR-1248-5	6.737	5.732	21894968	13919557	54.888	45.416
26)	L6 AR-1254-1	6.669	5.693	83082993	68222399	234.409	166.096 #
27)	L6 AR-1254-2	6.886	5.840	88154159	57015795	156.828	163.895
28)	L6 AR-1254-3	7.257	6.257	55358581	142.4E6	92.471	236.276 #
29)	L6 AR-1254-4	7.543	6.469	45592765	17922598	92.748	47.736 #
30)	L6 AR-1254-5	7.962	6.885	309.5E6	239.1E6	653.220	462.790 #
31)	L7 AR-1260-1	7.418	6.371	202.2E6	167.0E6	423.677	405.269
32)	L7 AR-1260-2	7.675	6.558	278.3E6	210.9E6	440.567	417.099
33)	L7 AR-1260-3	8.033	6.712	196.8E6	196.2E6	393.677	400.621
34)	L7 AR-1260-4	8.269	7.182	229.9E6	168.2E6	449.007	411.558
35)	L7 AR-1260-5	8.606	7.421	554.0E6	431.9E6	480.708	412.090
36)	L8 AR-1262-1	8.033	6.885	196.8E6	239.1E6	299.804	864.415 #
37)	L8 AR-1262-2	8.606	7.421	554.0E6	431.9E6	461.194	425.252
38)	L8 AR-1262-3	8.928	7.706	123.2E6	96812713	161.526	263.155 #
39)	L8 AR-1262-4	9.008f	7.769	214.9E6	318.0E6	369.089	436.306
40)	L8 AR-1262-5	9.720	8.268	159.7E6	108.9E6	379.917	333.788
41)	L9 AR-1268-1	8.928	7.706	123.2E6	96812713	87.141	89.878

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 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

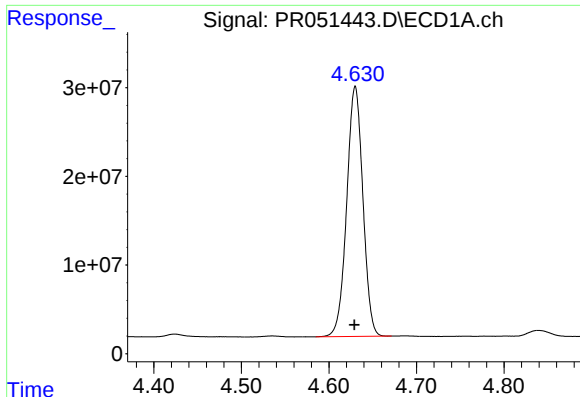
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 04:54:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.M
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 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	9.008f	7.769	214.9E6	318.0E6	168.348	319.359 #
43) L9	AR-1268-3	9.264	7.977	12747286	7691723	11.419	9.350
44) L9	AR-1268-4	9.720	8.268	159.7E6	108.9E6	352.068	306.727
45) L9	AR-1268-5	10.152	8.567	48995620	30120131	13.395	10.838

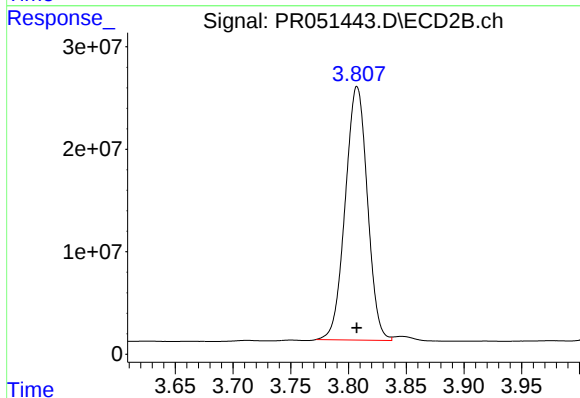
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

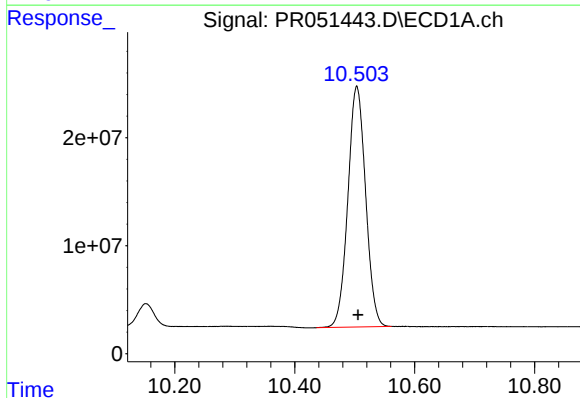
R.T.: 4.630 min
Delta R.T.: 0.001 min
Response: 361794485
Conc: 44.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



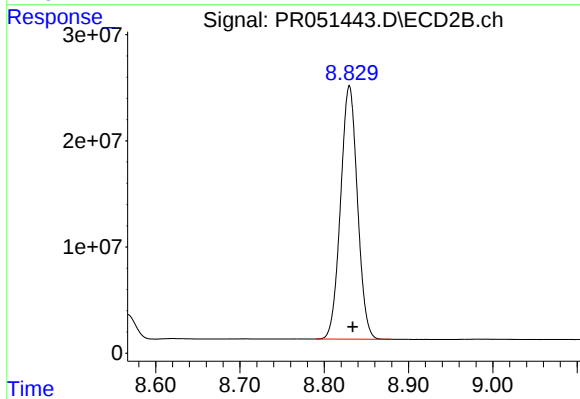
#1 Tetrachloro-m-xylene

R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 330193546
Conc: 44.41 ng/ml



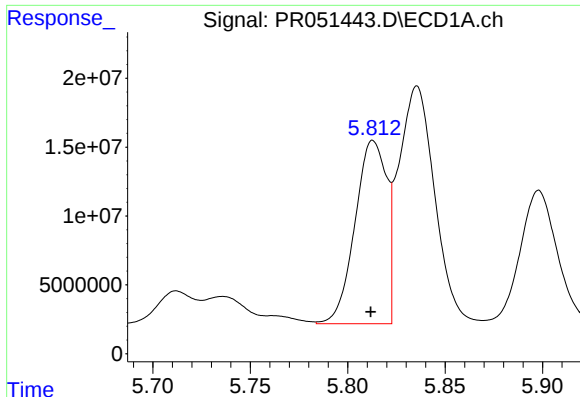
#2 Decachlorobiphenyl

R.T.: 10.504 min
Delta R.T.: -0.002 min
Response: 458095293
Conc: 47.69 ng/ml



#2 Decachlorobiphenyl

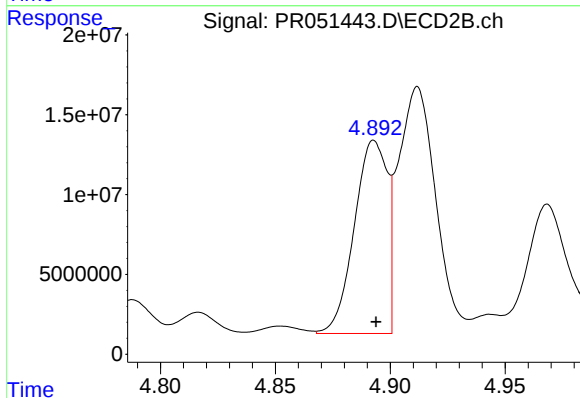
R.T.: 8.830 min
Delta R.T.: -0.004 min
Response: 332047113
Conc: 41.53 ng/ml



#3 AR-1016-1

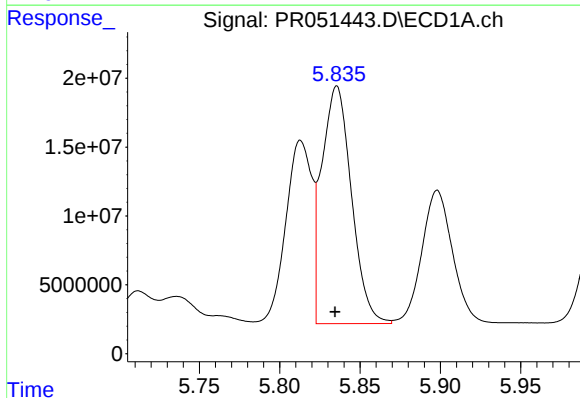
R.T.: 5.813 min
Delta R.T.: 0.001 min
Response: 150404878
Conc: 414.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



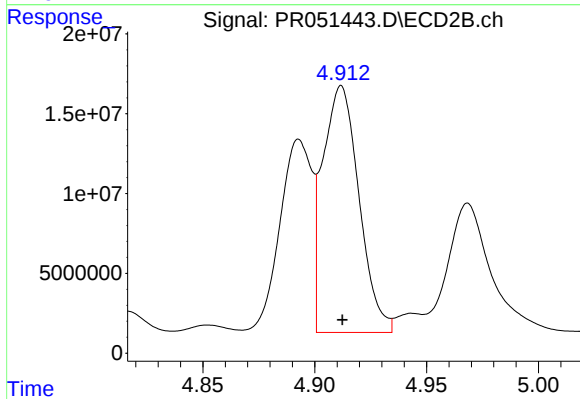
#3 AR-1016-1

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 120631287
Conc: 409.97 ng/ml



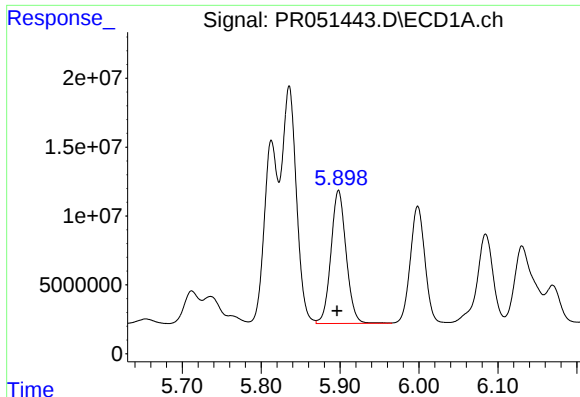
#4 AR-1016-2

R.T.: 5.836 min
Delta R.T.: 0.001 min
Response: 221716400
Conc: 427.35 ng/ml



#4 AR-1016-2

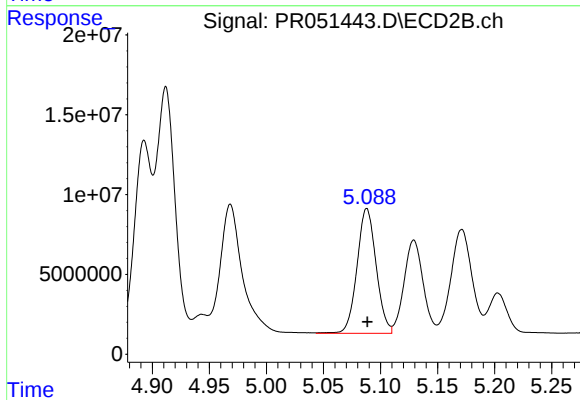
R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 174510433
Conc: 413.32 ng/ml



#5 AR-1016-3

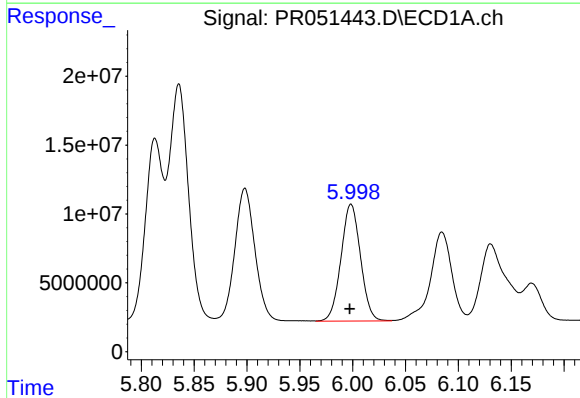
R.T.: 5.898 min
Delta R.T.: 0.002 min
Response: 129003427
Conc: 425.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



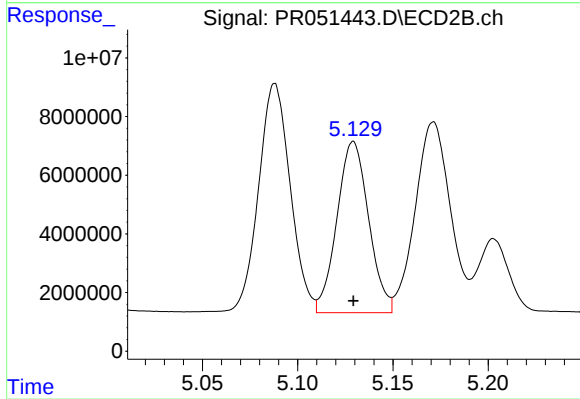
#5 AR-1016-3

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 91134034
Conc: 409.35 ng/ml



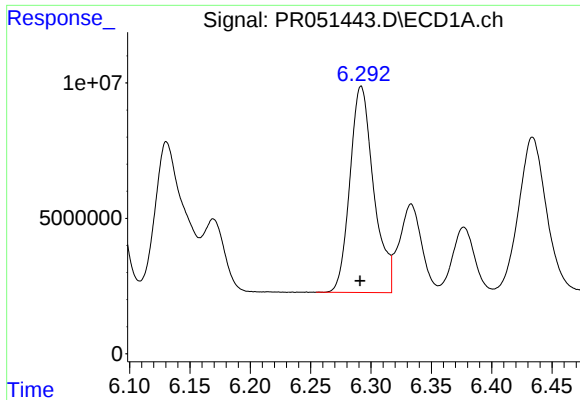
#6 AR-1016-4

R.T.: 5.998 min
Delta R.T.: 0.001 min
Response: 108907339
Conc: 423.86 ng/ml



#6 AR-1016-4

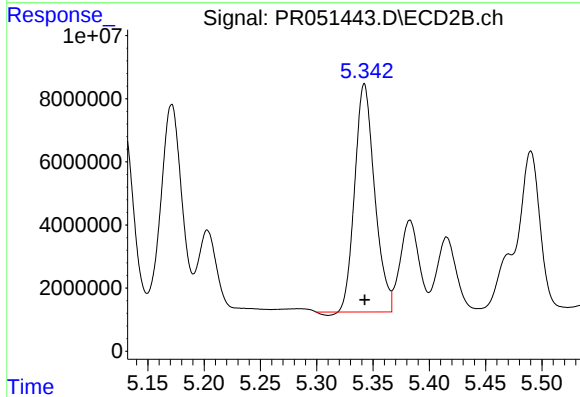
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 67687957
Conc: 399.65 ng/ml



#7 AR-1016-5

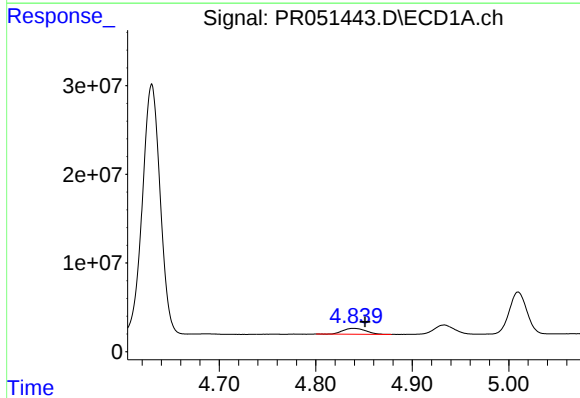
R.T.: 6.292 min
Delta R.T.: 0.000 min
Response: 104317007
Conc: 421.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



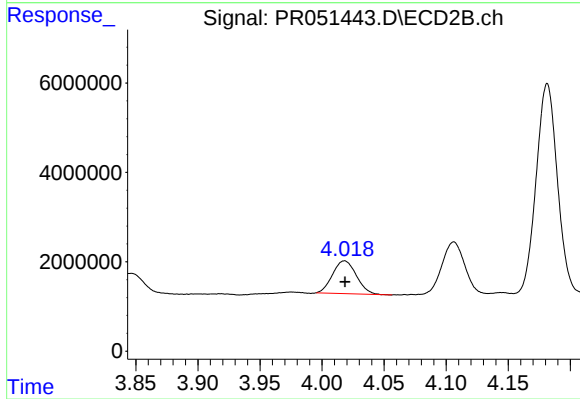
#7 AR-1016-5

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 88753805
Conc: 401.47 ng/ml



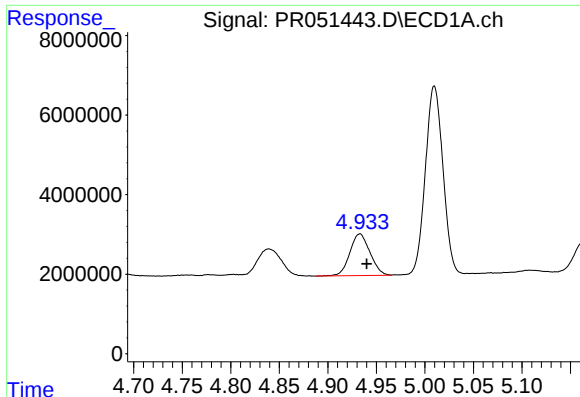
#8 AR-1221-1

R.T.: 4.839 min
Delta R.T.: -0.012 min
Response: 10954651
Conc: 124.37 ng/ml



#8 AR-1221-1

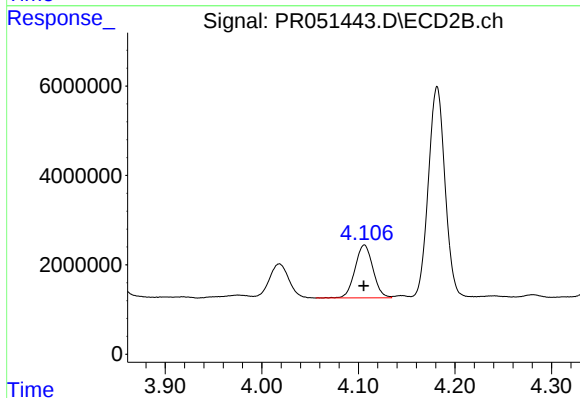
R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 9812559
Conc: 133.67 ng/ml



#9 AR-1221-2

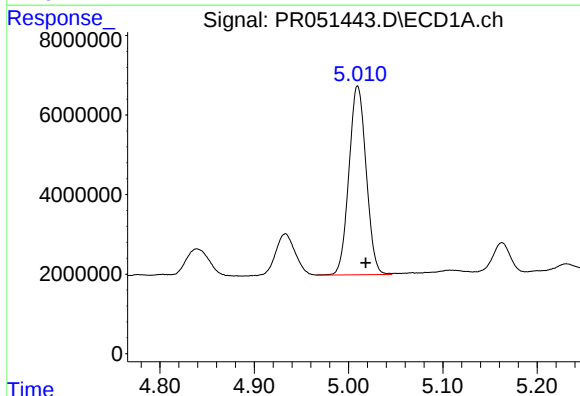
R.T.: 4.933 min
Delta R.T.: -0.007 min
Response: 15188174
Conc: 225.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



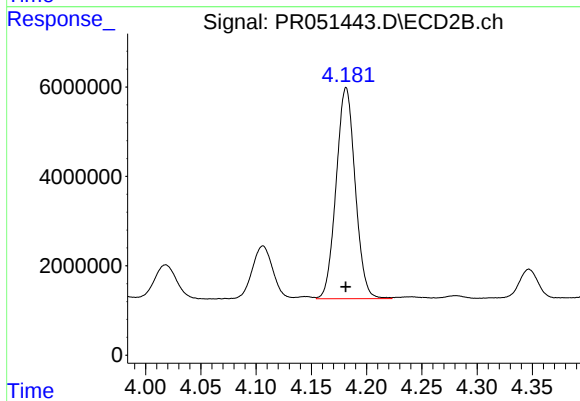
#9 AR-1221-2

R.T.: 4.106 min
Delta R.T.: 0.000 min
Response: 15352665
Conc: 260.31 ng/ml



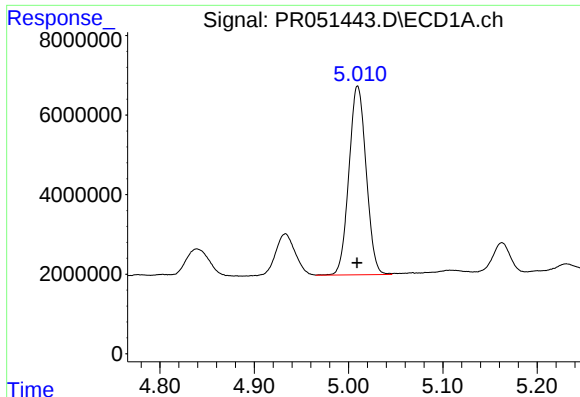
#10 AR-1221-3

R.T.: 5.010 min
Delta R.T.: -0.009 min
Response: 60284698
Conc: 280.44 ng/ml



#10 AR-1221-3

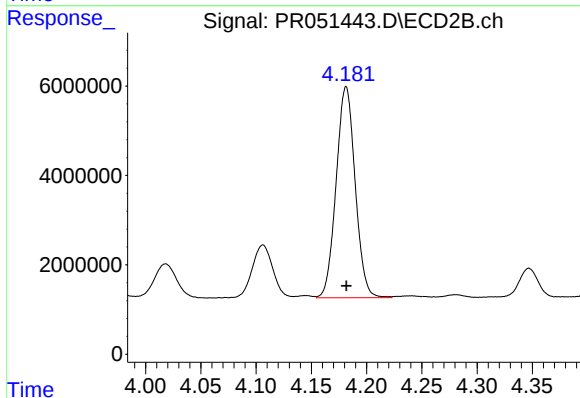
R.T.: 4.181 min
Delta R.T.: 0.000 min
Response: 56629541
Conc: 297.63 ng/ml



#11 AR-1232-1

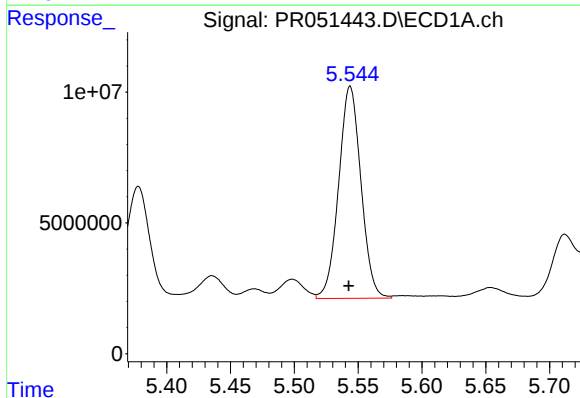
R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 60284698
Conc: 333.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



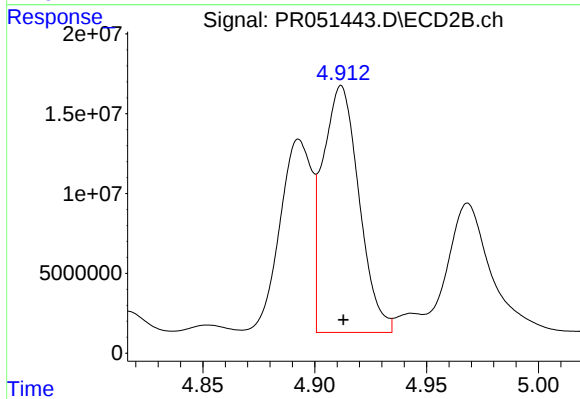
#11 AR-1232-1

R.T.: 4.181 min
Delta R.T.: 0.000 min
Response: 56629541
Conc: 350.70 ng/ml



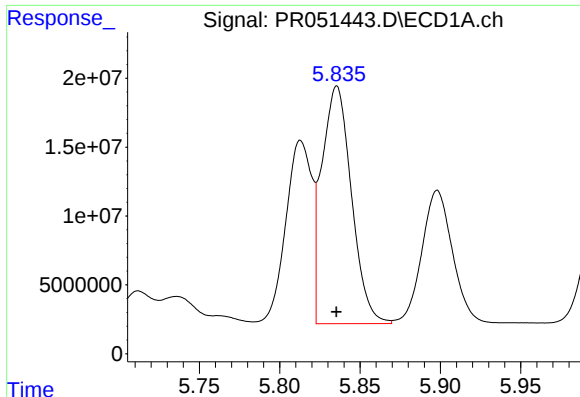
#12 AR-1232-2

R.T.: 5.544 min
Delta R.T.: 0.001 min
Response: 98761766
Conc: 1015.95 ng/ml



#12 AR-1232-2

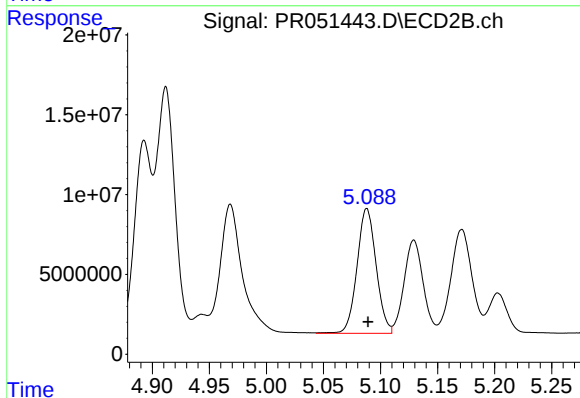
R.T.: 4.912 min
Delta R.T.: -0.001 min
Response: 174510433
Conc: 1041.01 ng/ml



#13 AR-1232-3

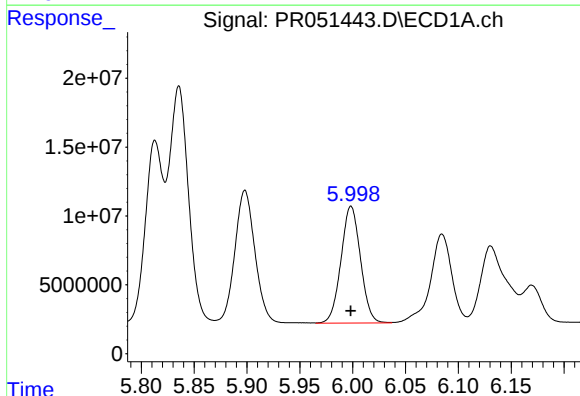
R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 221716400
Conc: 1060.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



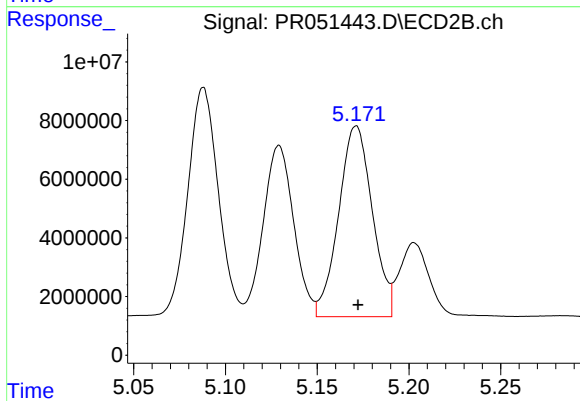
#13 AR-1232-3

R.T.: 5.088 min
Delta R.T.: -0.001 min
Response: 91134034
Conc: 1045.75 ng/ml



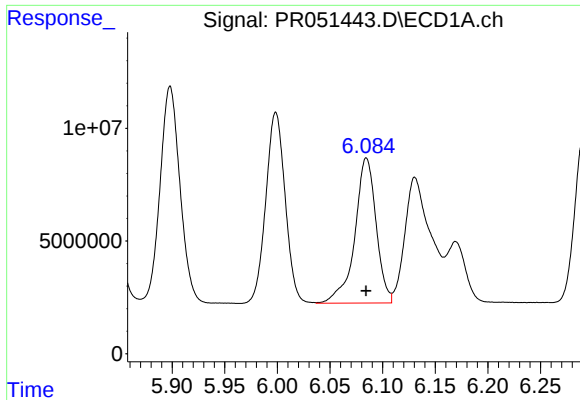
#14 AR-1232-4

R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 108907339
Conc: 1054.77 ng/ml



#14 AR-1232-4

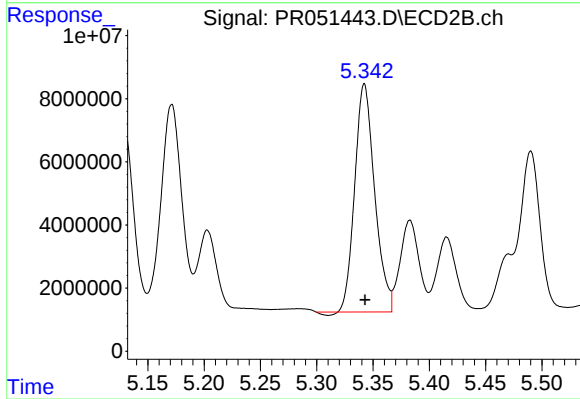
R.T.: 5.171 min
Delta R.T.: -0.001 min
Response: 83096878
Conc: 1129.72 ng/ml



#15 AR-1232-5

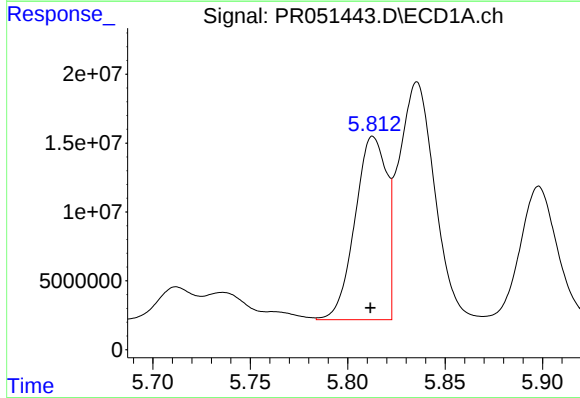
R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 90790074
Conc: 1208.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



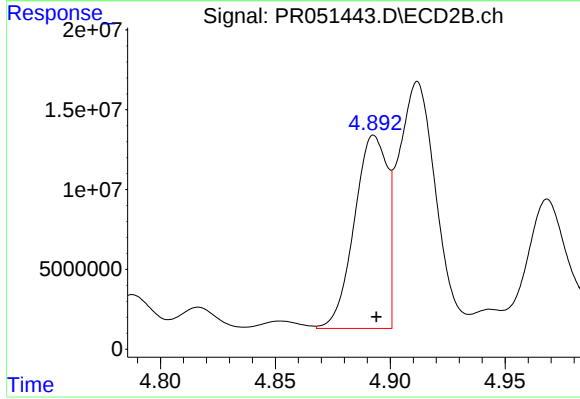
#15 AR-1232-5

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 88753805
Conc: 1090.82 ng/ml



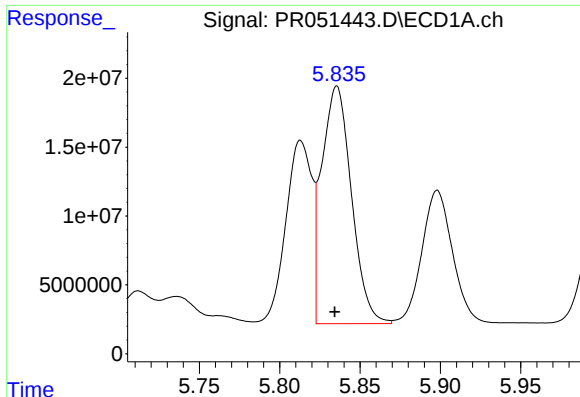
#16 AR-1242-1

R.T.: 5.813 min
Delta R.T.: 0.001 min
Response: 150404878
Conc: 587.64 ng/ml



#16 AR-1242-1

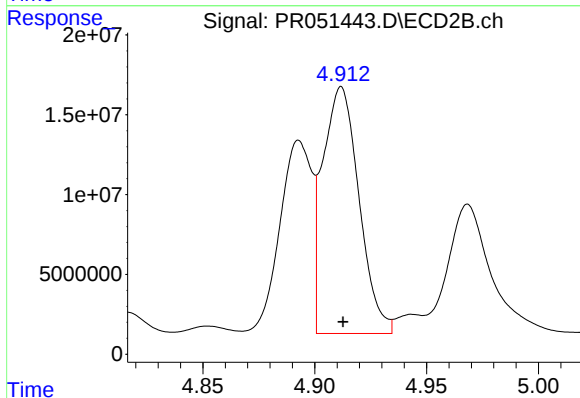
R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 120631287
Conc: 582.06 ng/ml



#17 AR-1242-2

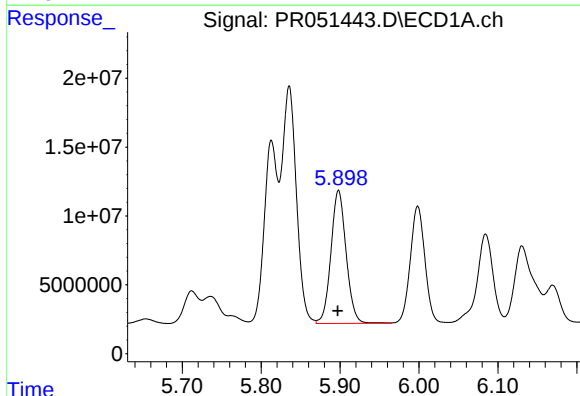
R.T.: 5.836 min
Delta R.T.: 0.001 min
Response: 221716400
Conc: 586.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



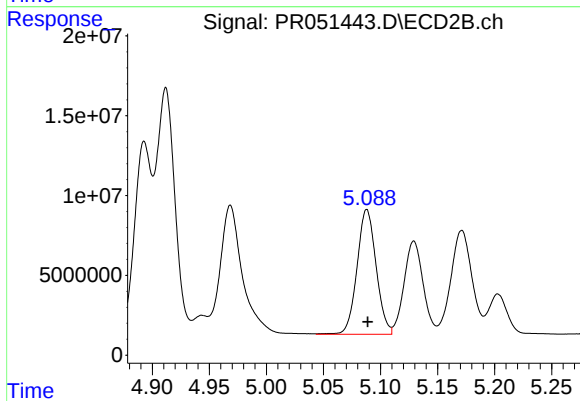
#17 AR-1242-2

R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 174510433
Conc: 575.50 ng/ml



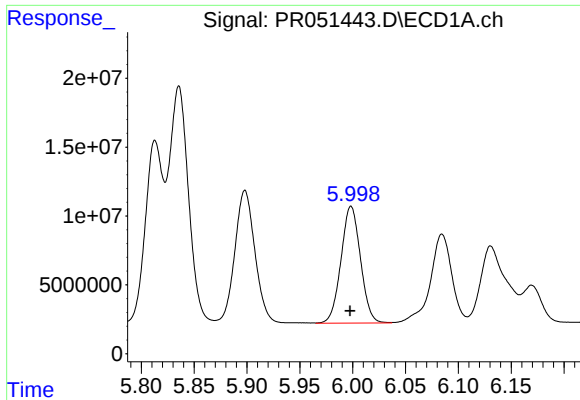
#18 AR-1242-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 129003427
Conc: 586.40 ng/ml



#18 AR-1242-3

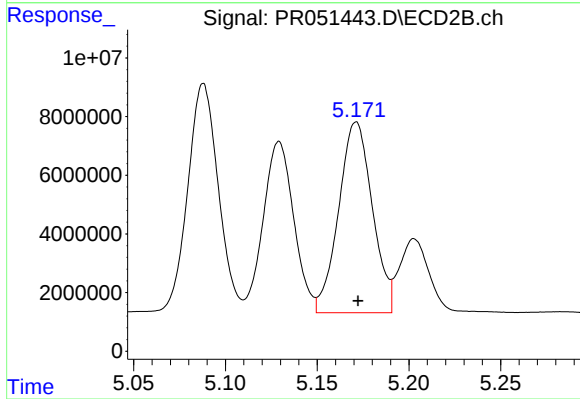
R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 91134034
Conc: 571.03 ng/ml



#19 AR-1242-4

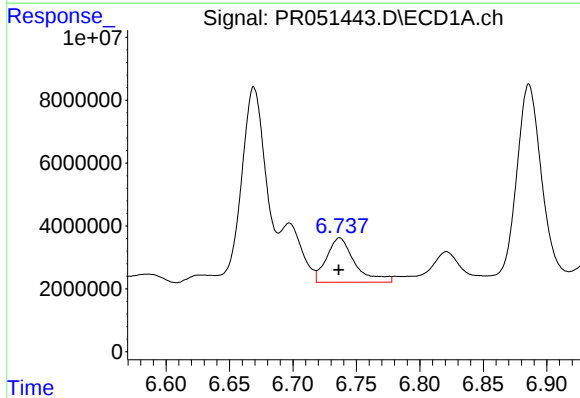
R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 108907339
Conc: 584.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



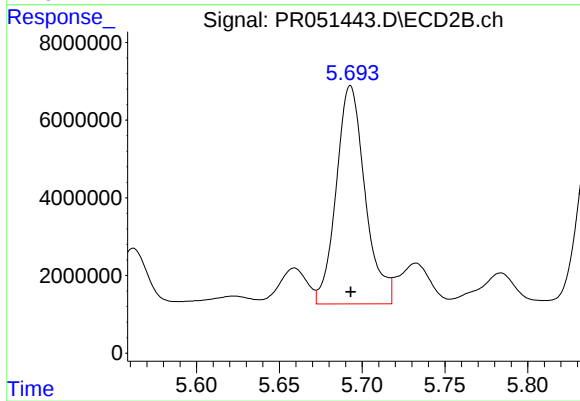
#19 AR-1242-4

R.T.: 5.171 min
Delta R.T.: -0.001 min
Response: 83096878
Conc: 562.38 ng/ml



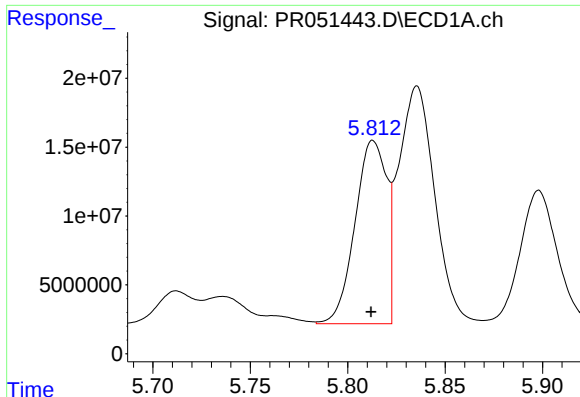
#20 AR-1242-5

R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 21894968
Conc: 100.03 ng/ml



#20 AR-1242-5

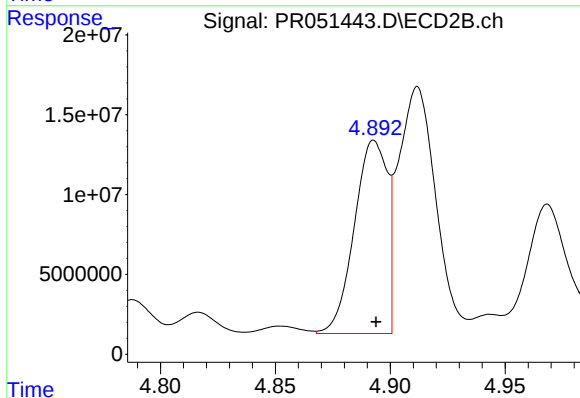
R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 68222399
Conc: 340.21 ng/ml



#21 AR-1248-1

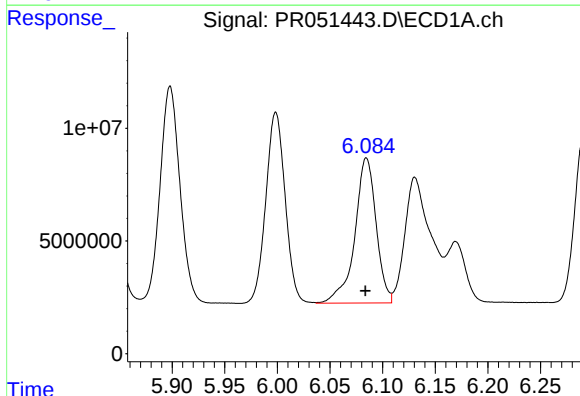
R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 150404878
Conc: 713.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



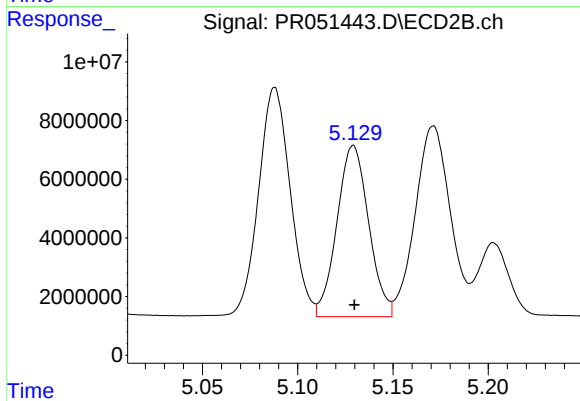
#21 AR-1248-1

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 120631287
Conc: 707.10 ng/ml



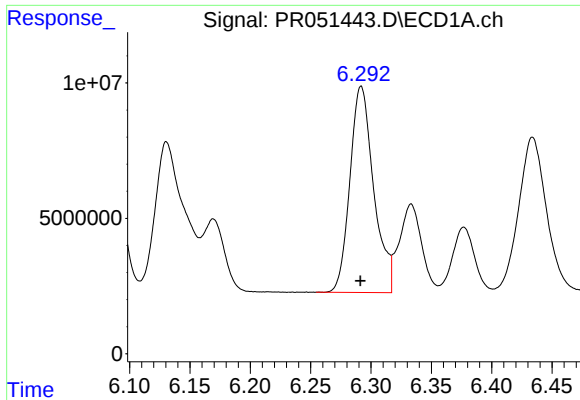
#22 AR-1248-2

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 90790074
Conc: 310.09 ng/ml



#22 AR-1248-2

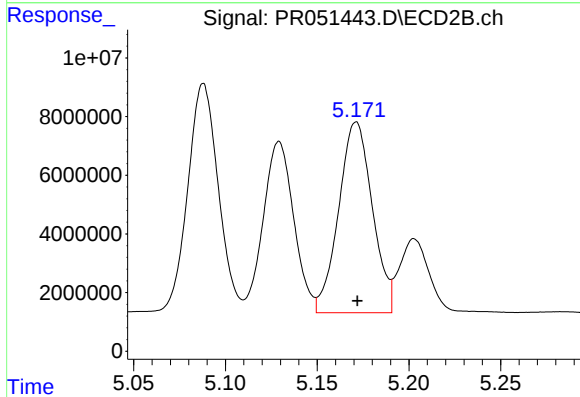
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 67687957
Conc: 295.53 ng/ml



#23 AR-1248-3

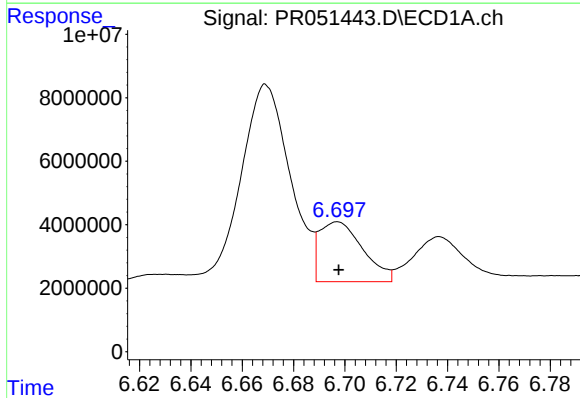
R.T.: 6.292 min
Delta R.T.: 0.000 min
Response: 104317007
Conc: 312.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



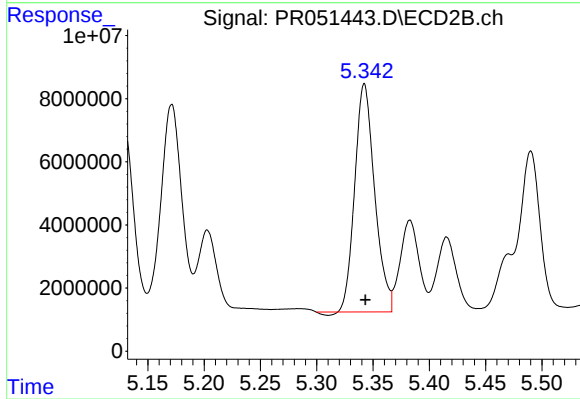
#23 AR-1248-3

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 83096878
Conc: 349.07 ng/ml



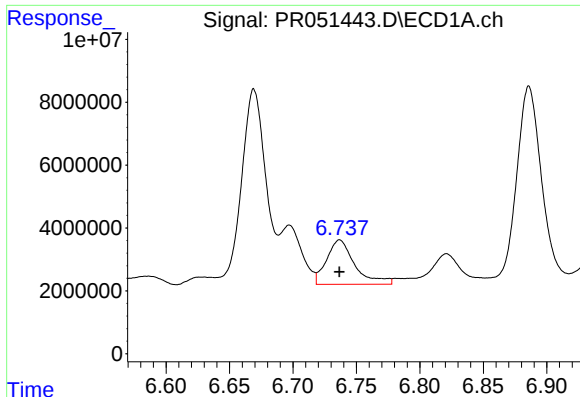
#24 AR-1248-4

R.T.: 6.697 min
Delta R.T.: 0.000 min
Response: 22150955
Conc: 53.28 ng/ml



#24 AR-1248-4

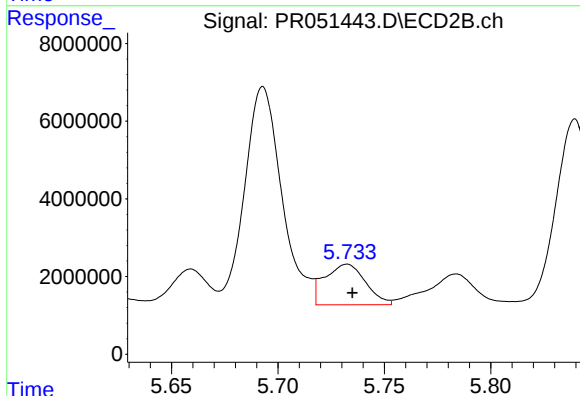
R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 88753805
Conc: 309.33 ng/ml



#25 AR-1248-5

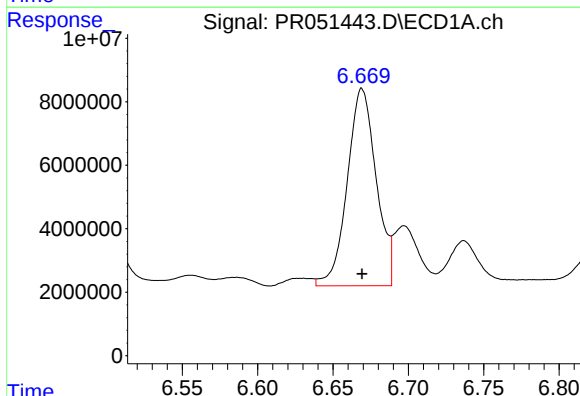
R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 21894968
Conc: 54.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



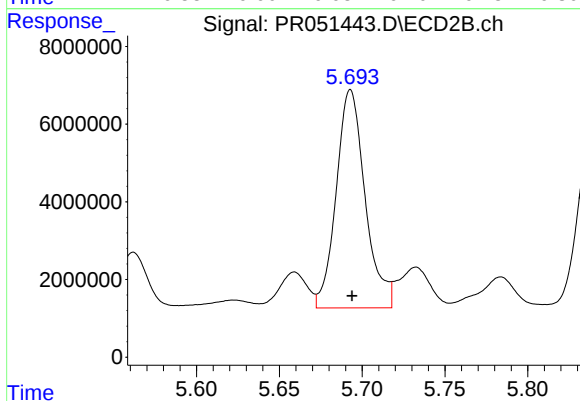
#25 AR-1248-5

R.T.: 5.732 min
Delta R.T.: -0.002 min
Response: 13919557
Conc: 45.42 ng/ml



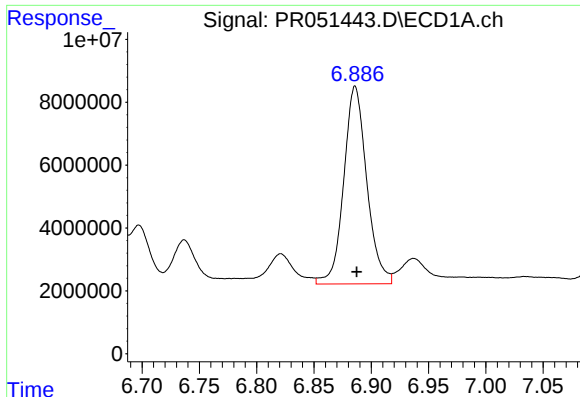
#26 AR-1254-1

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 83082993
Conc: 234.41 ng/ml



#26 AR-1254-1

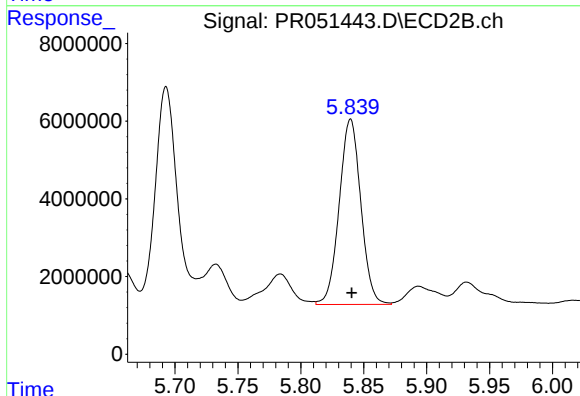
R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 68222399
Conc: 166.10 ng/ml



#27 AR-1254-2

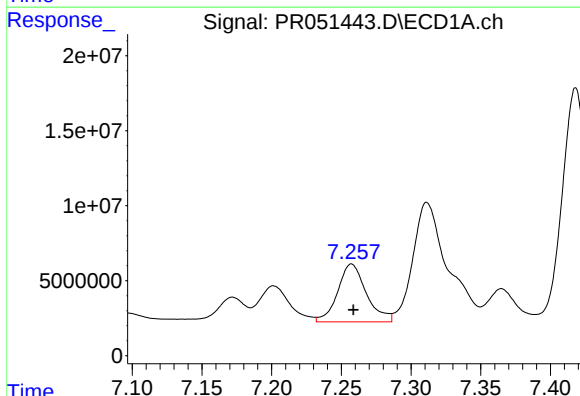
R.T.: 6.886 min
Delta R.T.: -0.001 min
Response: 88154159
Conc: 156.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



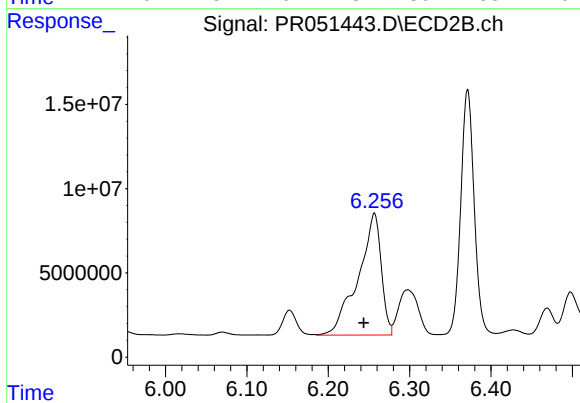
#27 AR-1254-2

R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 57015795
Conc: 163.89 ng/ml



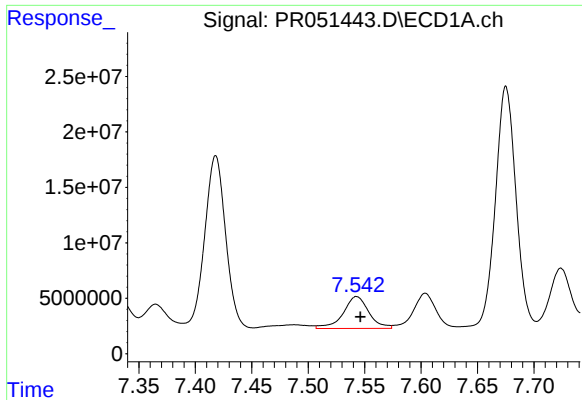
#28 AR-1254-3

R.T.: 7.257 min
Delta R.T.: -0.001 min
Response: 55358581
Conc: 92.47 ng/ml



#28 AR-1254-3

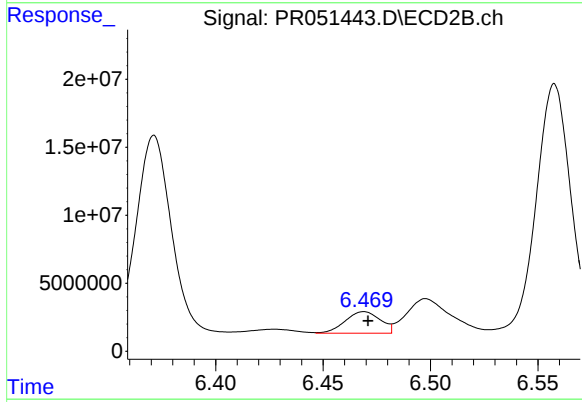
R.T.: 6.257 min
Delta R.T.: 0.013 min
Response: 142373849
Conc: 236.28 ng/ml



#29 AR-1254-4

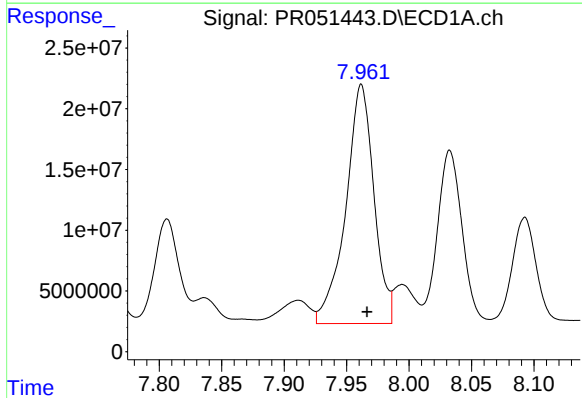
R.T.: 7.543 min
Delta R.T.: -0.003 min
Response: 45592765
Conc: 92.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



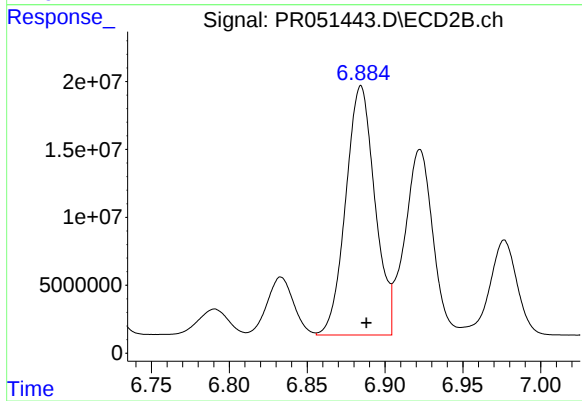
#29 AR-1254-4

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 17922598
Conc: 47.74 ng/ml



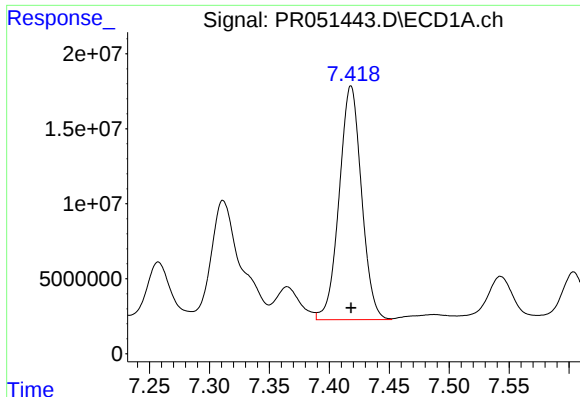
#30 AR-1254-5

R.T.: 7.962 min
Delta R.T.: -0.005 min
Response: 309476760
Conc: 653.22 ng/ml



#30 AR-1254-5

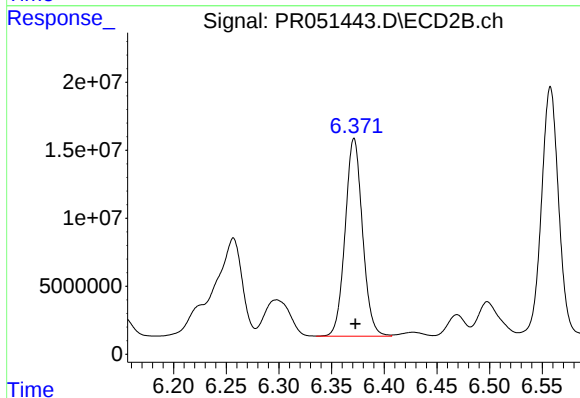
R.T.: 6.885 min
Delta R.T.: -0.004 min
Response: 239070382
Conc: 462.79 ng/ml



#31 AR-1260-1

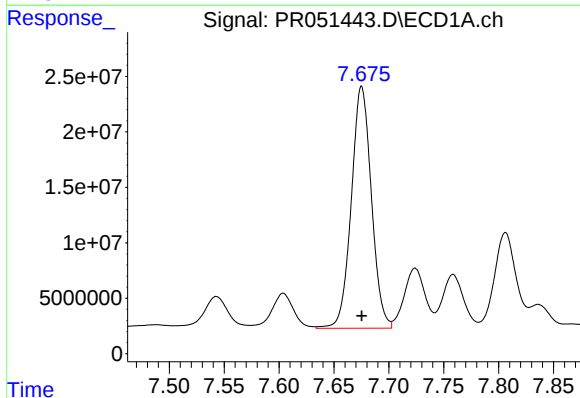
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 202154108
Conc: 423.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



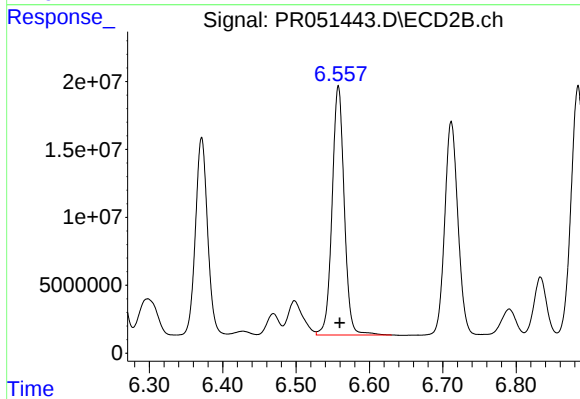
#31 AR-1260-1

R.T.: 6.371 min
Delta R.T.: -0.001 min
Response: 167037767
Conc: 405.27 ng/ml



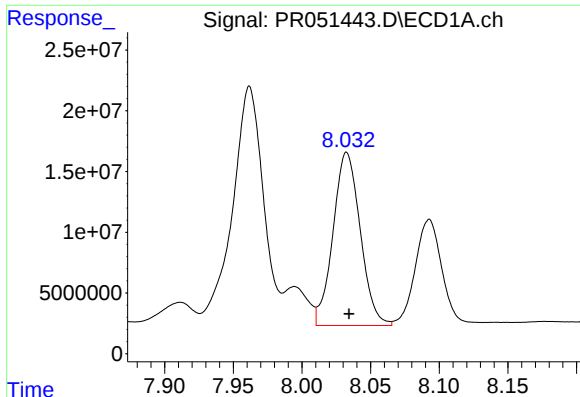
#32 AR-1260-2

R.T.: 7.675 min
Delta R.T.: 0.000 min
Response: 278253166
Conc: 440.57 ng/ml



#32 AR-1260-2

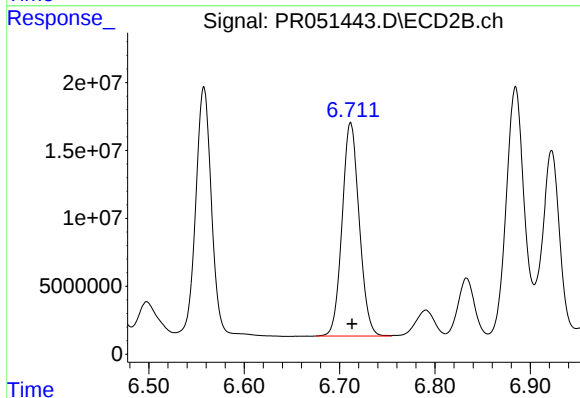
R.T.: 6.558 min
Delta R.T.: -0.002 min
Response: 210861796
Conc: 417.10 ng/ml



#33 AR-1260-3

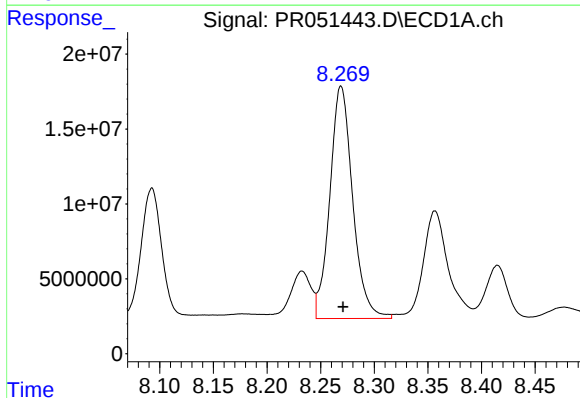
R.T.: 8.033 min
Delta R.T.: -0.002 min
Response: 196834854
Conc: 393.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



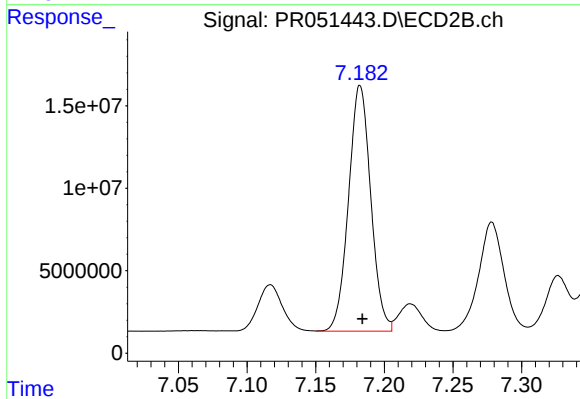
#33 AR-1260-3

R.T.: 6.712 min
Delta R.T.: -0.001 min
Response: 196164516
Conc: 400.62 ng/ml



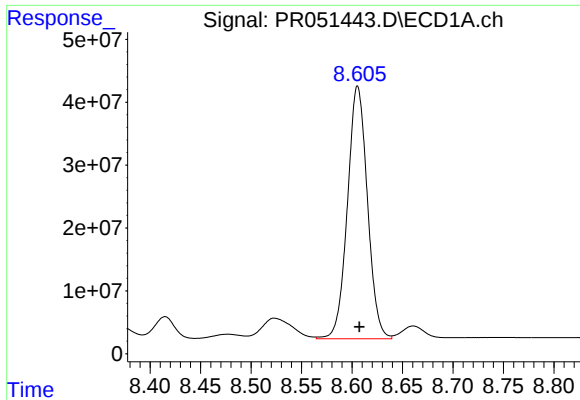
#34 AR-1260-4

R.T.: 8.269 min
Delta R.T.: -0.002 min
Response: 229947459
Conc: 449.01 ng/ml



#34 AR-1260-4

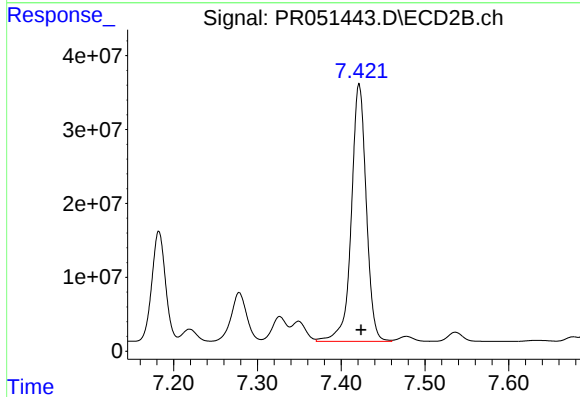
R.T.: 7.182 min
Delta R.T.: -0.002 min
Response: 168207468
Conc: 411.56 ng/ml



#35 AR-1260-5

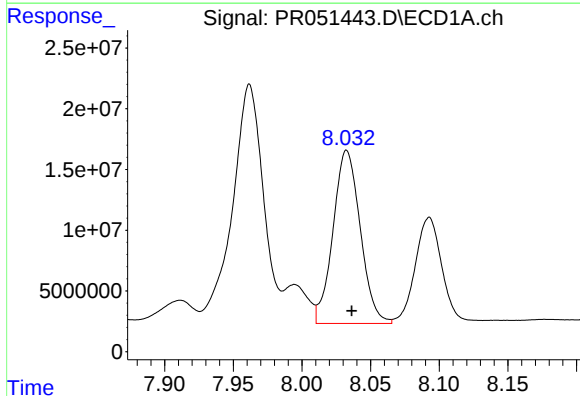
R.T.: 8.606 min
Delta R.T.: -0.002 min
Response: 554014114
Conc: 480.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



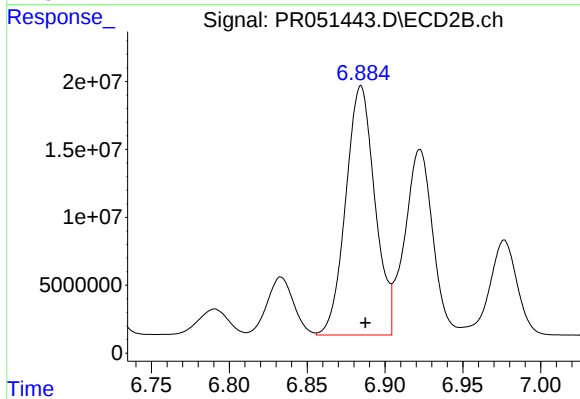
#35 AR-1260-5

R.T.: 7.421 min
Delta R.T.: -0.003 min
Response: 431872247
Conc: 412.09 ng/ml



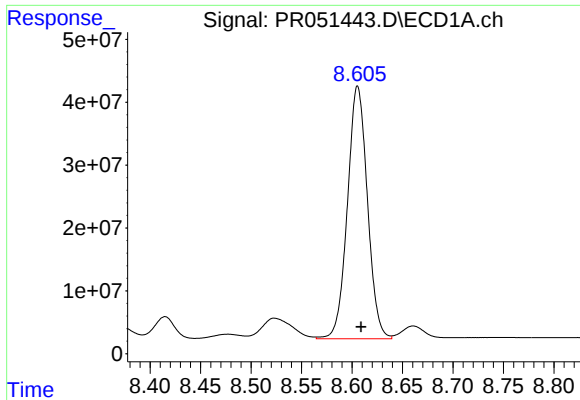
#36 AR-1262-1

R.T.: 8.033 min
Delta R.T.: -0.004 min
Response: 196834854
Conc: 299.80 ng/ml



#36 AR-1262-1

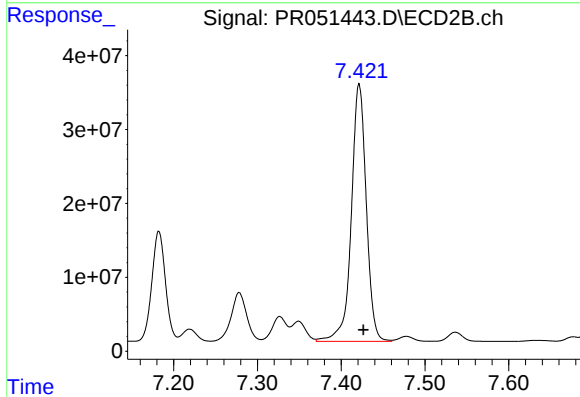
R.T.: 6.885 min
Delta R.T.: -0.003 min
Response: 239070382
Conc: 864.41 ng/ml



#37 AR-1262-2

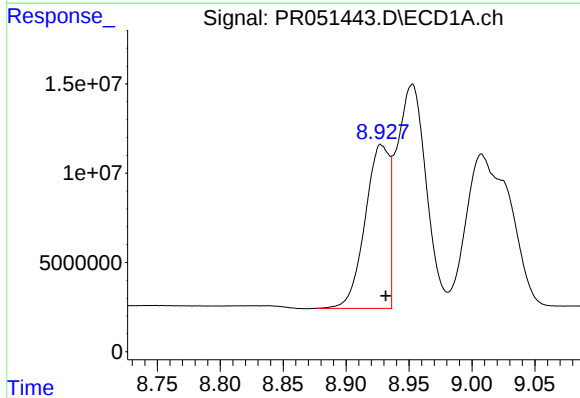
R.T.: 8.606 min
Delta R.T.: -0.003 min
Response: 554014114
Conc: 461.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



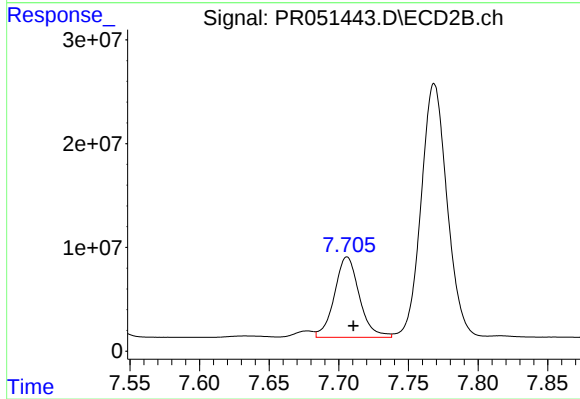
#37 AR-1262-2

R.T.: 7.421 min
Delta R.T.: -0.005 min
Response: 431872247
Conc: 425.25 ng/ml



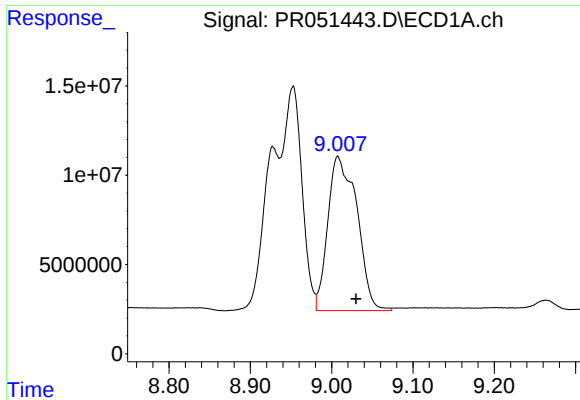
#38 AR-1262-3

R.T.: 8.928 min
Delta R.T.: -0.004 min
Response: 123166036
Conc: 161.53 ng/ml



#38 AR-1262-3

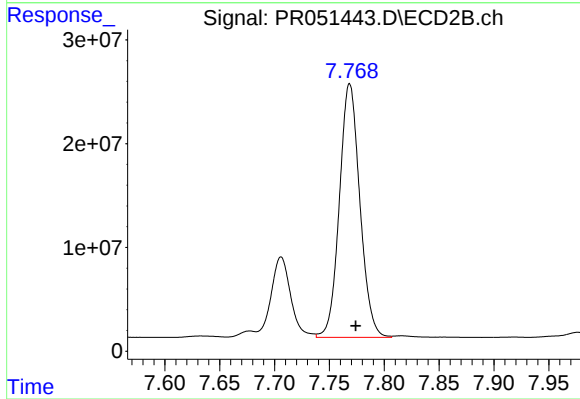
R.T.: 7.706 min
Delta R.T.: -0.005 min
Response: 96812713
Conc: 263.16 ng/ml



#39 AR-1262-4

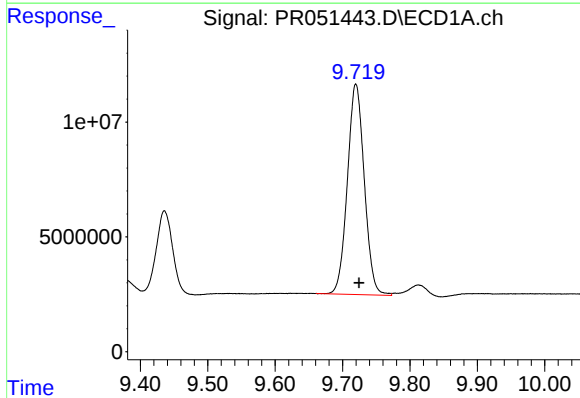
R.T.: 9.008 min
Delta R.T.: -0.023 min
Response: 214935006
Conc: 369.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



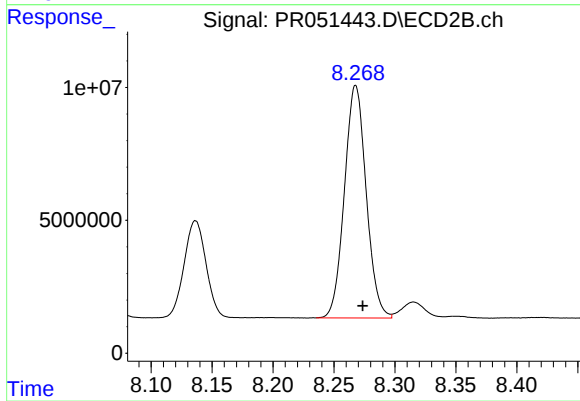
#39 AR-1262-4

R.T.: 7.769 min
Delta R.T.: -0.006 min
Response: 318002636
Conc: 436.31 ng/ml



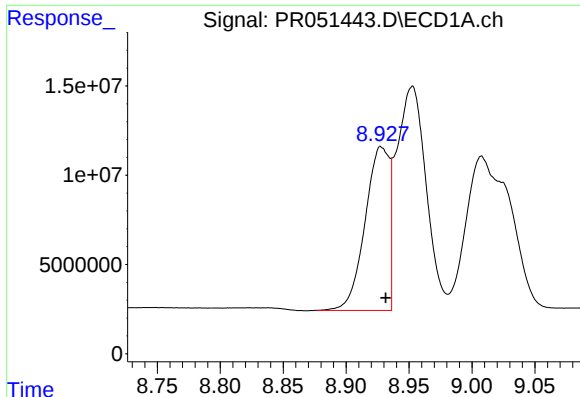
#40 AR-1262-5

R.T.: 9.720 min
Delta R.T.: -0.005 min
Response: 159696723
Conc: 379.92 ng/ml



#40 AR-1262-5

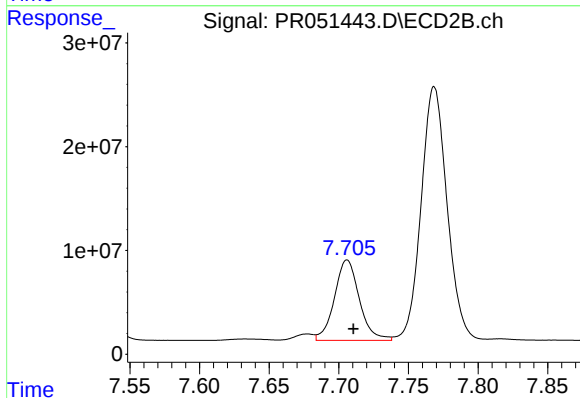
R.T.: 8.268 min
Delta R.T.: -0.006 min
Response: 108873141
Conc: 333.79 ng/ml



#41 AR-1268-1

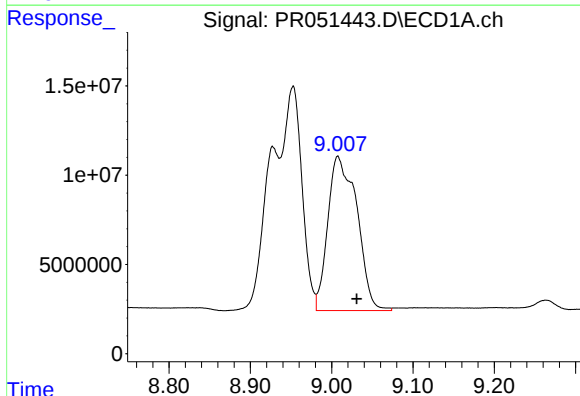
R.T.: 8.928 min
Delta R.T.: -0.004 min
Response: 123166036
Conc: 87.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



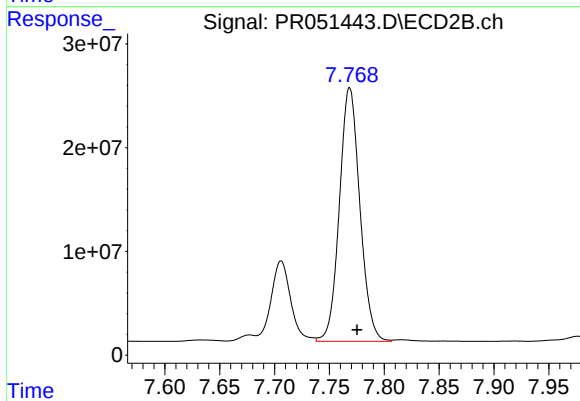
#41 AR-1268-1

R.T.: 7.706 min
Delta R.T.: -0.005 min
Response: 96812713
Conc: 89.88 ng/ml



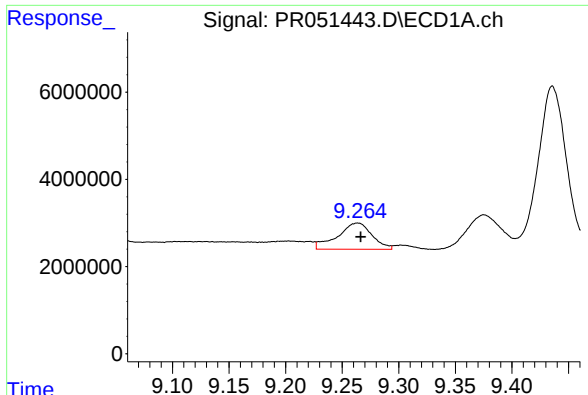
#42 AR-1268-2

R.T.: 9.008 min
Delta R.T.: -0.023 min
Response: 214935006
Conc: 168.35 ng/ml



#42 AR-1268-2

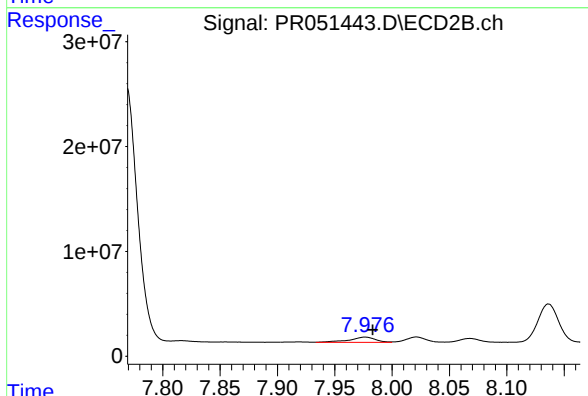
R.T.: 7.769 min
Delta R.T.: -0.007 min
Response: 318002636
Conc: 319.36 ng/ml



#43 AR-1268-3

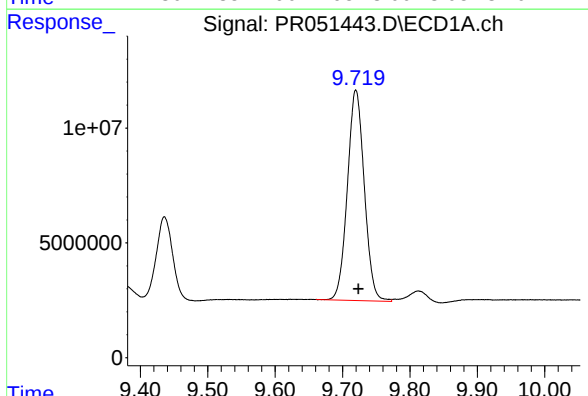
R.T.: 9.264 min
Delta R.T.: -0.003 min
Response: 12747286
Conc: 11.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



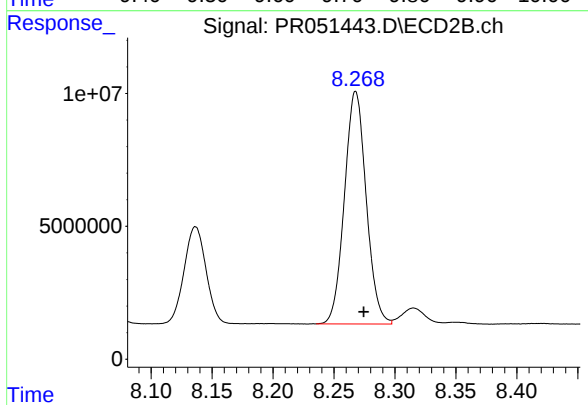
#43 AR-1268-3

R.T.: 7.977 min
Delta R.T.: -0.006 min
Response: 7691723
Conc: 9.35 ng/ml



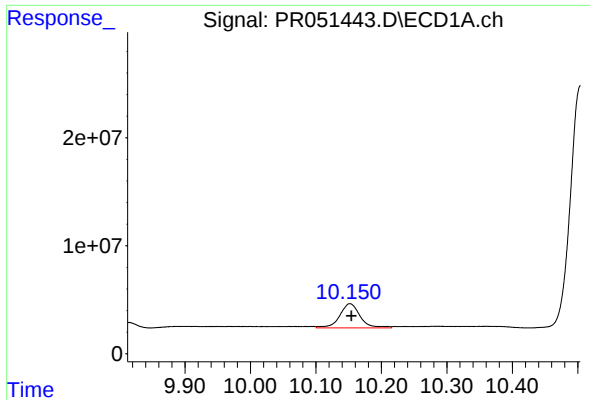
#44 AR-1268-4

R.T.: 9.720 min
Delta R.T.: -0.004 min
Response: 159696723
Conc: 352.07 ng/ml



#44 AR-1268-4

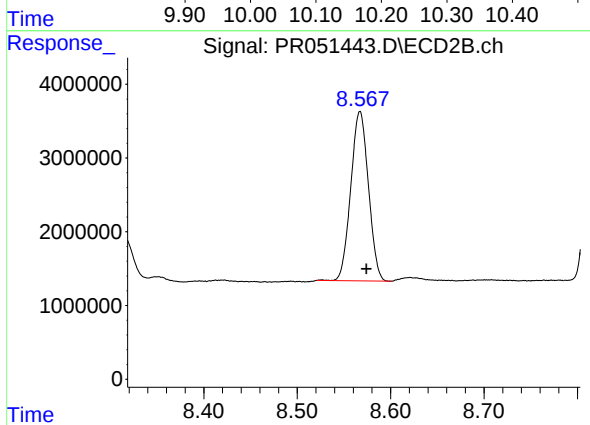
R.T.: 8.268 min
Delta R.T.: -0.007 min
Response: 108873141
Conc: 306.73 ng/ml



#45 AR-1268-5

R.T.: 10.152 min
Delta R.T.: -0.002 min
Response: 48995620
Conc: 13.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.567 min
Delta R.T.: -0.007 min
Response: 30120131
Conc: 10.84 ng/ml