

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081518\
 Data File : PR031444.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2018 18:00
 Operator : SM\SJ
 Sample : J4477-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 11:21:33 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 14 15:13:53 2018
 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...	4.553	3.679	495.9E6	1030.7E6	28.597	32.261
2)	SA Decachlor...	10.325	8.559	664.9E6	442.5E6	19.703	18.754
Target Compounds							
3)	L1 AR-1016-1	4.919	4.332	44186944	141.4E6	137.388	149.694
4)	L1 AR-1016-2	5.446	4.734	58592414	188.2E6	122.088	133.536
5)	L1 AR-1016-3	5.734	4.751	147.2E6	358.5E6	128.454	140.469
6)	L1 AR-1016-4	5.796	4.808	85544021	193.1E6	121.435	121.641
7)	L1 AR-1016-5	6.329	4.963	75085348	169.8E6	110.334	171.952 #
9)	L2 AR-1221-2	0.000	3.972	0	25632015	N.D.	91.499 #
10)	L2 AR-1221-3	4.919	4.043	44186944	90194809	94.009	101.993
11)	L3 AR-1232-1	5.253	4.351	60563444	99070459	304.627	375.652
12)	L3 AR-1232-2	5.446	4.751	58592414	358.5E6	286.924	338.027
13)	L3 AR-1232-3	5.734	4.808	147.2E6	193.1E6	311.113	285.594
14)	L3 AR-1232-4	5.796	5.004	85544021	178.4E6	288.446	379.498 #
15)	L3 AR-1232-5	6.188	5.316	96468249	162.6E6	406.998	274.515 #
16)	L4 AR-1242-1	5.446	4.520	58592414	143.7E6	151.176	178.898
17)	L4 AR-1242-2	5.712	4.751	101.0E6	358.5E6	162.043	178.283
18)	L4 AR-1242-3	5.734	4.925	147.2E6	182.8E6	163.820	186.932
19)	L4 AR-1242-4	6.188	4.963	96468249	169.8E6	195.221	215.380
20)	L4 AR-1242-5	6.329	5.172	75085348	213.8E6	131.920	188.893 #
21)	L5 AR-1248-1	6.188	4.963	96468249	169.8E6	115.801	118.428
22)	L5 AR-1248-2	6.329	5.004	75085348	178.4E6	104.605	118.290
23)	L5 AR-1248-3	6.566	5.172	131.3E6	213.8E6	125.871	110.206
24)	L5 AR-1248-4	6.624	5.516	21044193	387.1E6	21.154	129.540 #
25)	L5 AR-1248-5	6.782	5.557	173.6E6	77211735	172.713	32.750 #
26)	L6 AR-1254-1	5.984	4.963	58300110	169.8E6	111.374	152.224 #
27)	L6 AR-1254-2	6.782	5.658	173.6E6	234.9E6	101.752	74.298 #
28)	L6 AR-1254-3	7.154	6.067	161.9E6	842.0E6	81.843	162.055 #
29)	L6 AR-1254-4	7.430	6.277	63152144	89569313	37.217	21.549 #
30)	L6 AR-1254-5	7.850	6.684	261.4E6	623.3E6	172.328	215.479 #
31)	L7 AR-1260-1	7.310	6.179	182.1E6	386.9E6	122.108	117.316
32)	L7 AR-1260-2	7.559	6.363	486.6E6	511.9E6	245.106	123.952 #
33)	L7 AR-1260-3	7.850	6.719	261.4E6	309.4E6	118.271	102.616
34)	L7 AR-1260-4	8.477	7.214	454.0E6	622.2E6	131.155	138.996
35)	L7 AR-1260-5	8.810	7.555	258.0E6	301.6E6	125.041	116.253
36)	L8 AR-1262-1	7.310	6.179	182.1E6	386.9E6	145.256	132.562
37)	L8 AR-1262-2	7.559	6.363	486.6E6	511.9E6	289.762	147.346 #
38)	L8 AR-1262-3	7.924	6.719	169.7E6	309.4E6	68.916	76.007
39)	L8 AR-1262-4	8.153	6.975	260.6E6	234.4E6	126.798	87.808 #
40)	L8 AR-1262-5	8.477	7.214	454.0E6	622.2E6	102.465	131.939 #
41)	L9 AR-1268-1	8.810	7.489	258.0E6	190.0E6	56.769	46.929
42)	L9 AR-1268-2	8.870	7.555	164.2E6	301.6E6	42.065	87.548 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081518\
 Data File : PR031444.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2018 18:00
 Operator : SM\SJ
 Sample : J4477-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

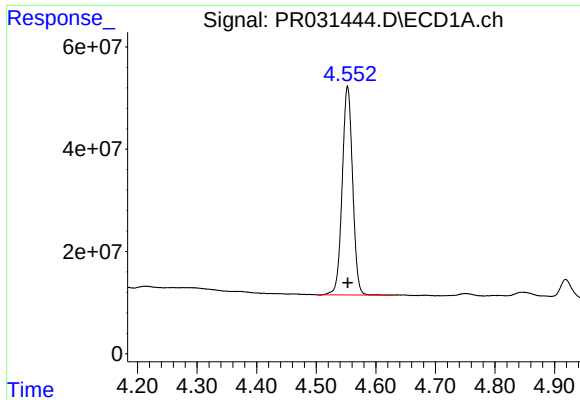
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 11:21:33 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 14 15:13:53 2018
 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
43) L9	AR-1268-3	9.125	0.000	20237069	0	5.867	N.D. #
44) L9	AR-1268-4	9.555	8.045	91418967	71461100	58.406	61.695
45) L9	AR-1268-5	9.980	8.323	36784274	35484036	3.501	5.124 #

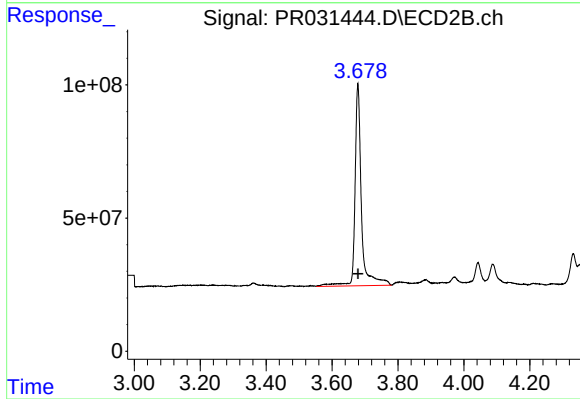
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

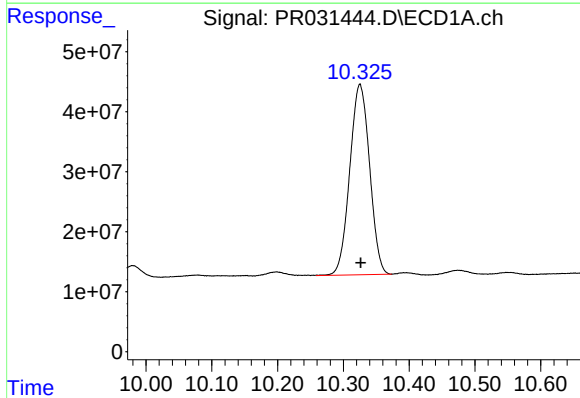
R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 495874810
Conc: 28.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



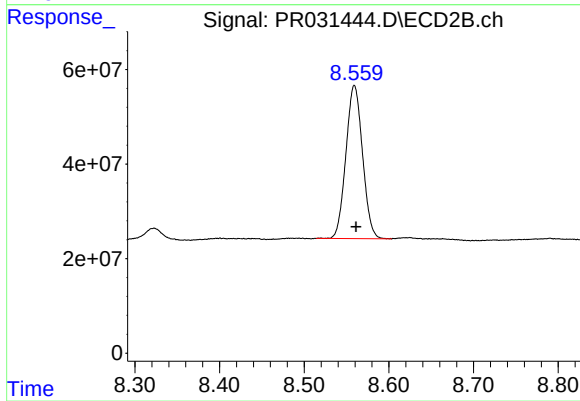
#1 Tetrachloro-m-xylene

R.T.: 3.679 min
Delta R.T.: 0.000 min
Response: 1030716425
Conc: 32.26 ng/ml



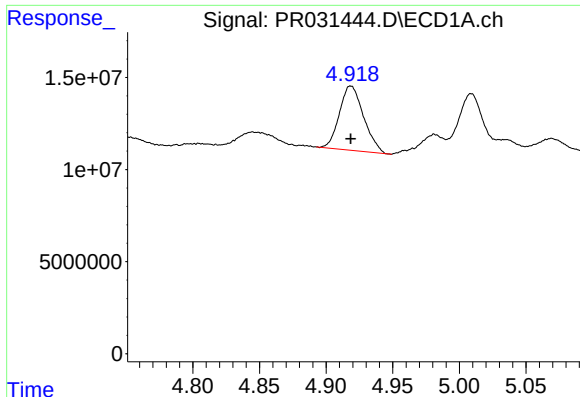
#2 Decachlorobiphenyl

R.T.: 10.325 min
Delta R.T.: -0.001 min
Response: 664939420
Conc: 19.70 ng/ml



#2 Decachlorobiphenyl

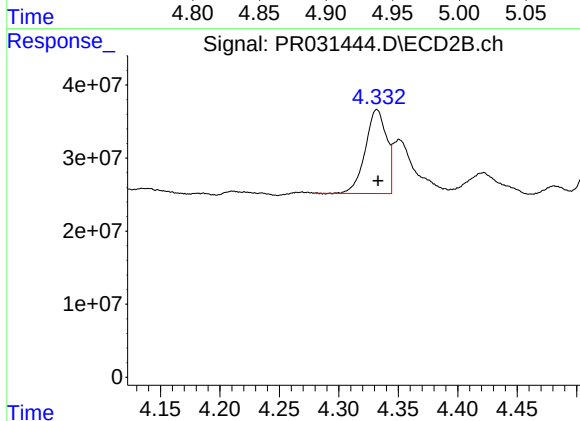
R.T.: 8.559 min
Delta R.T.: -0.002 min
Response: 442517930
Conc: 18.75 ng/ml



#3 AR-1016-1

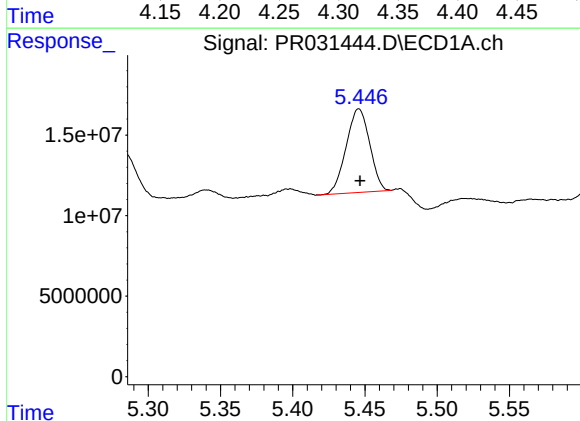
R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 44186944
Conc: 137.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



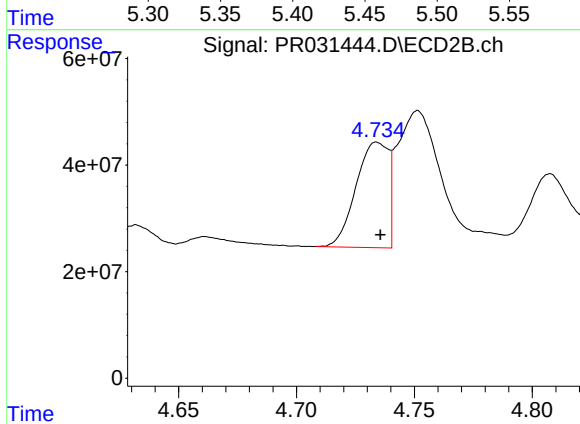
#3 AR-1016-1

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 141426010
Conc: 149.69 ng/ml



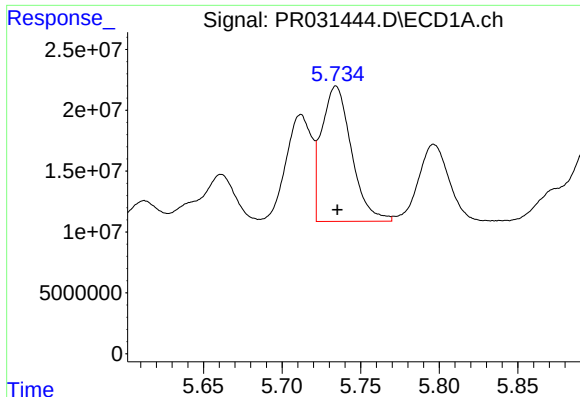
#4 AR-1016-2

R.T.: 5.446 min
Delta R.T.: 0.000 min
Response: 58592414
Conc: 122.09 ng/ml



#4 AR-1016-2

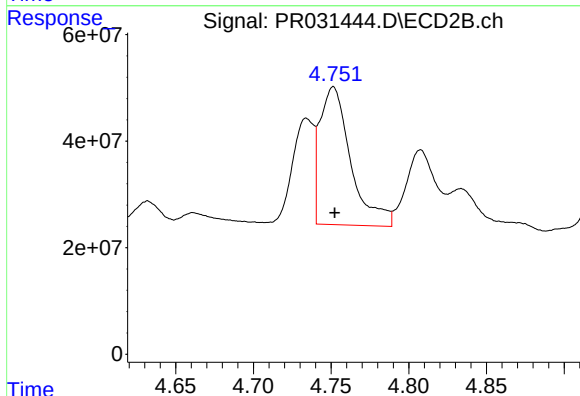
R.T.: 4.734 min
Delta R.T.: -0.002 min
Response: 188226537
Conc: 133.54 ng/ml



#5 AR-1016-3

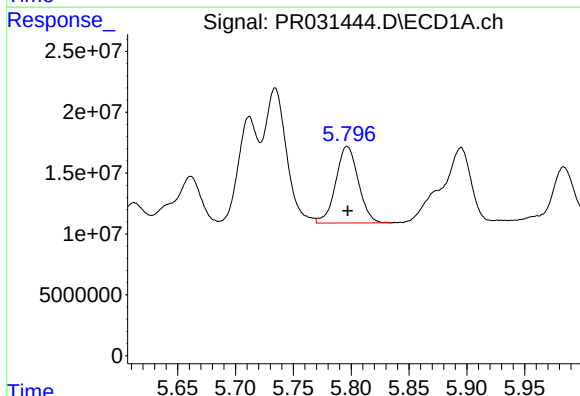
R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 147164258
Conc: 128.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



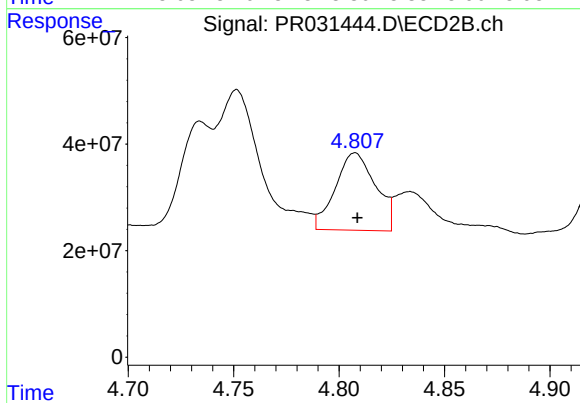
#5 AR-1016-3

R.T.: 4.751 min
Delta R.T.: 0.000 min
Response: 358546295
Conc: 140.47 ng/ml



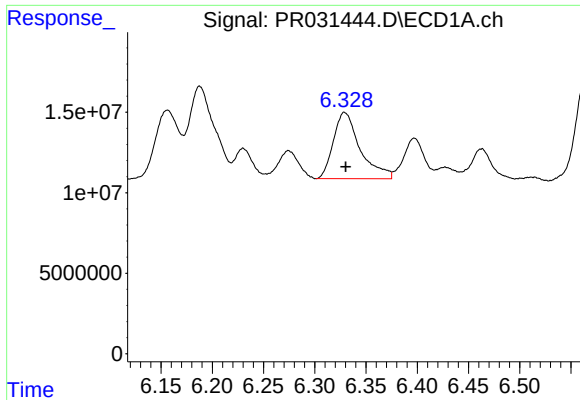
#6 AR-1016-4

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 85544021
Conc: 121.44 ng/ml



#6 AR-1016-4

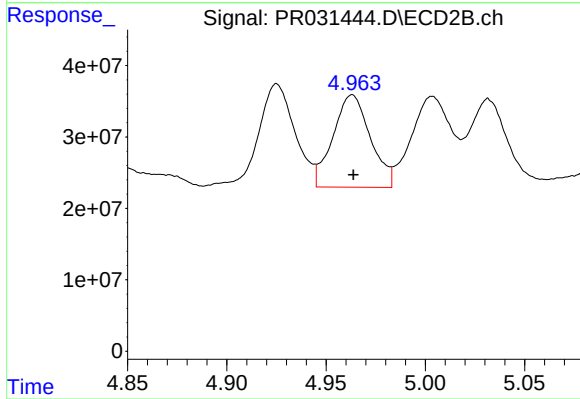
R.T.: 4.808 min
Delta R.T.: 0.000 min
Response: 193068877
Conc: 121.64 ng/ml



#7 AR-1016-5

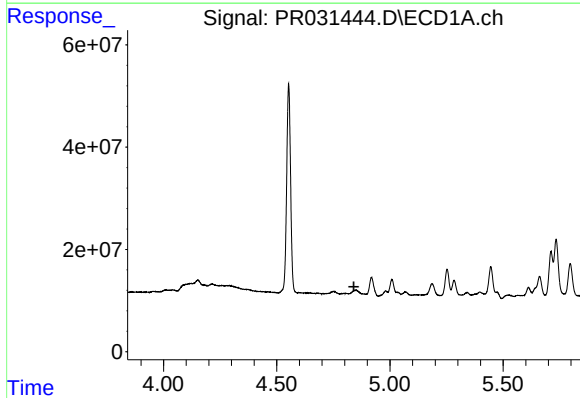
R.T.: 6.329 min
Delta R.T.: -0.001 min
Response: 75085348
Conc: 110.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



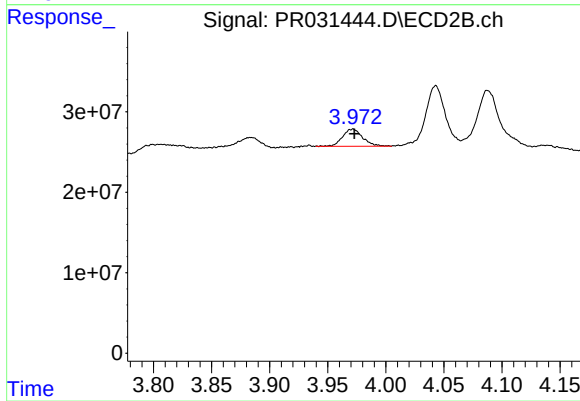
#7 AR-1016-5

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 169806118
Conc: 171.95 ng/ml



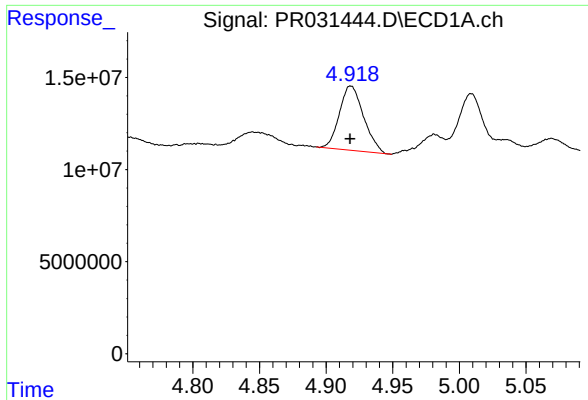
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.841 min
Response: 0
Conc: N.D.



#9 AR-1221-2

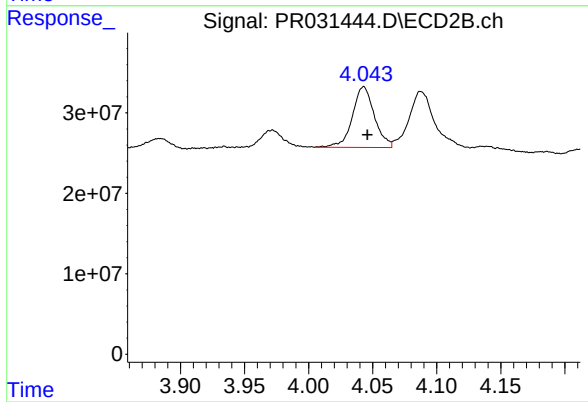
R.T.: 3.972 min
Delta R.T.: -0.001 min
Response: 25632015
Conc: 91.50 ng/ml



#10 AR-1221-3

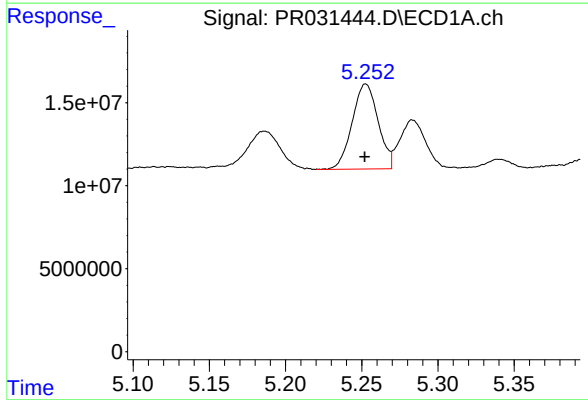
R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 44186944
Conc: 94.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



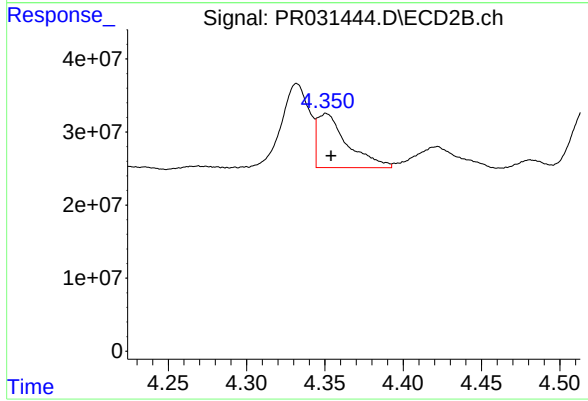
#10 AR-1221-3

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 90194809
Conc: 101.99 ng/ml



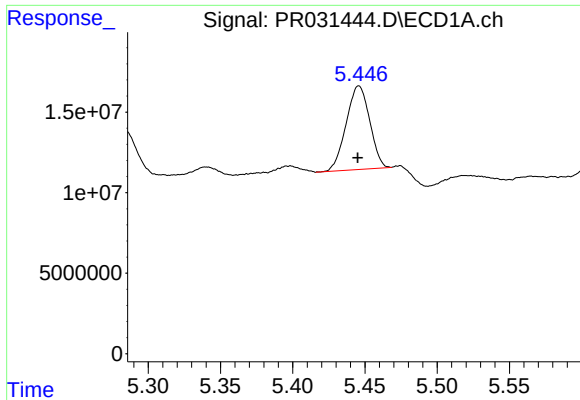
#11 AR-1232-1

R.T.: 5.253 min
Delta R.T.: 0.000 min
Response: 60563444
Conc: 304.63 ng/ml



#11 AR-1232-1

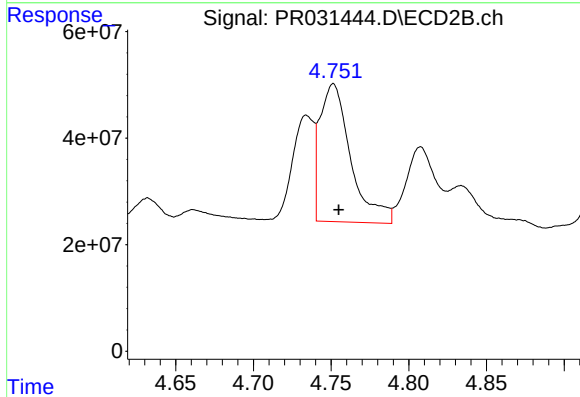
R.T.: 4.351 min
Delta R.T.: -0.003 min
Response: 99070459
Conc: 375.65 ng/ml



#12 AR-1232-2

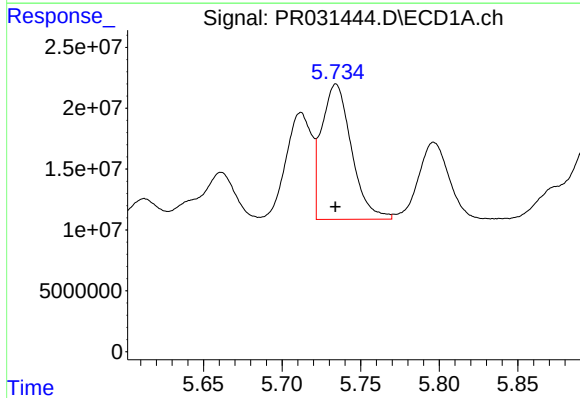
R.T.: 5.446 min
Delta R.T.: 0.000 min
Response: 58592414
Conc: 286.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



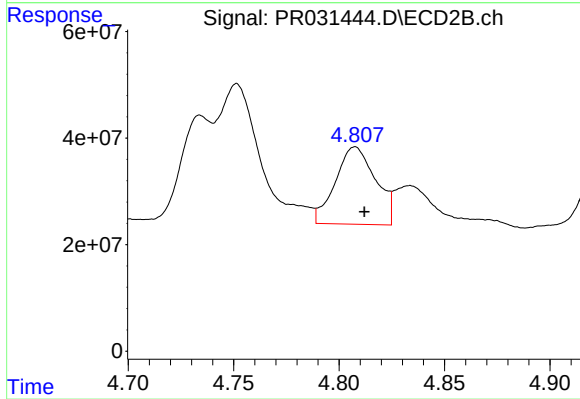
#12 AR-1232-2

R.T.: 4.751 min
Delta R.T.: -0.004 min
Response: 358546295
Conc: 338.03 ng/ml



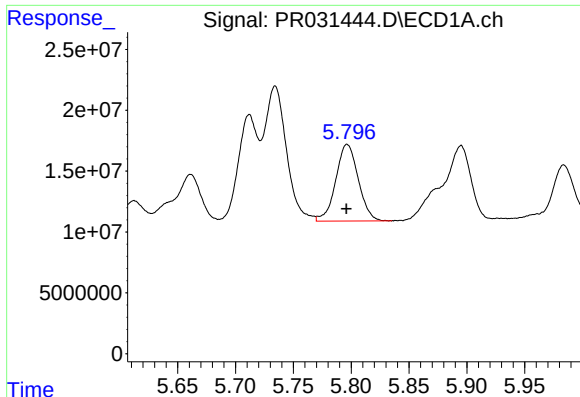
#13 AR-1232-3

R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 147164258
Conc: 311.11 ng/ml



#13 AR-1232-3

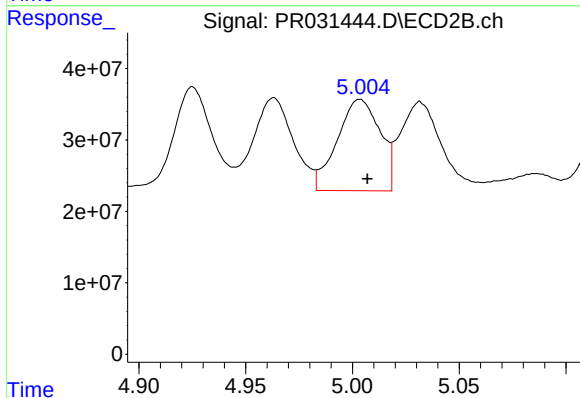
R.T.: 4.808 min
Delta R.T.: -0.004 min
Response: 193068877
Conc: 285.59 ng/ml



#14 AR-1232-4

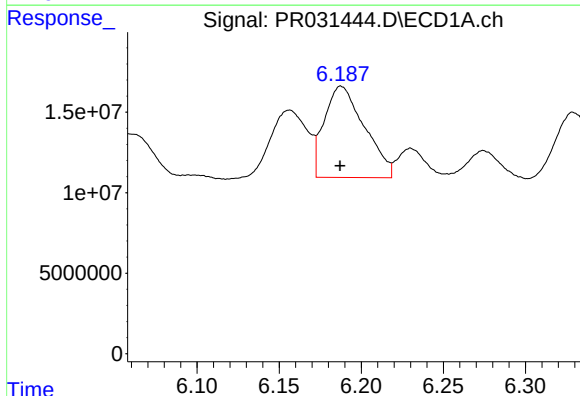
R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 85544021
Conc: 288.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



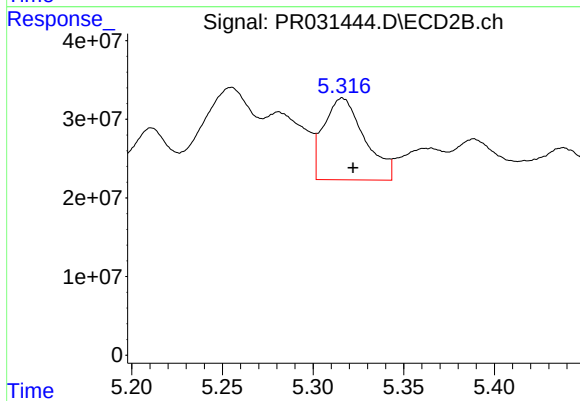
#14 AR-1232-4

R.T.: 5.004 min
Delta R.T.: -0.003 min
Response: 178384403
Conc: 379.50 ng/ml



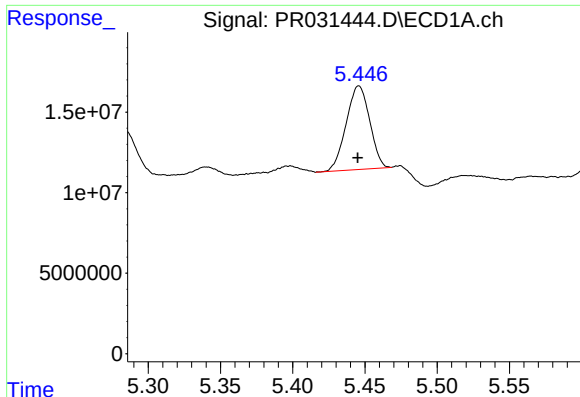
#15 AR-1232-5

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 96468249
Conc: 407.00 ng/ml



#15 AR-1232-5

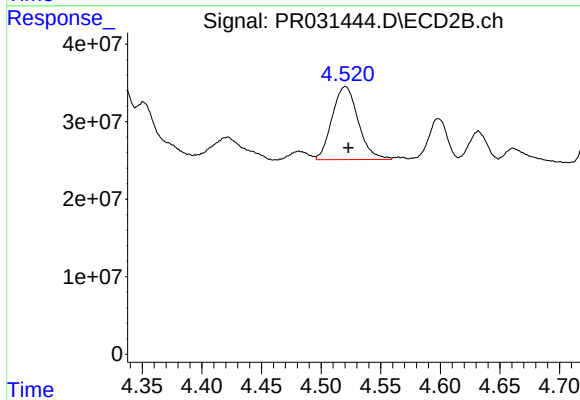
R.T.: 5.316 min
Delta R.T.: -0.006 min
Response: 162601118
Conc: 274.51 ng/ml



#16 AR-1242-1

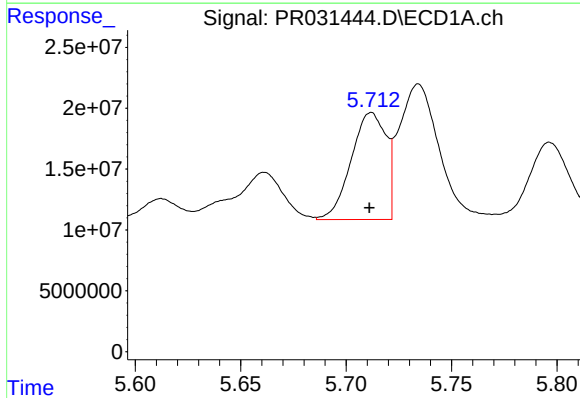
R.T.: 5.446 min
Delta R.T.: 0.000 min
Response: 58592414
Conc: 151.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



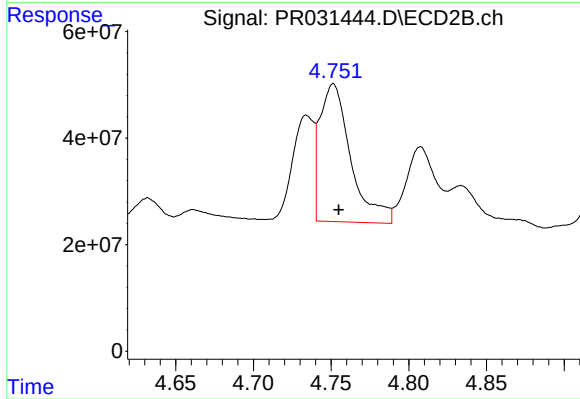
#16 AR-1242-1

R.T.: 4.520 min
Delta R.T.: -0.003 min
Response: 143711232
Conc: 178.90 ng/ml



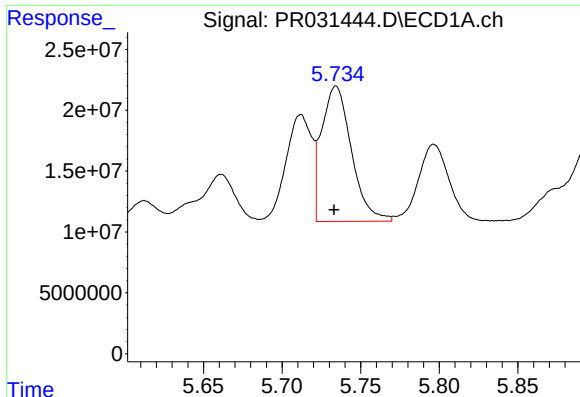
#17 AR-1242-2

R.T.: 5.712 min
Delta R.T.: 0.001 min
Response: 101036607
Conc: 162.04 ng/ml



#17 AR-1242-2

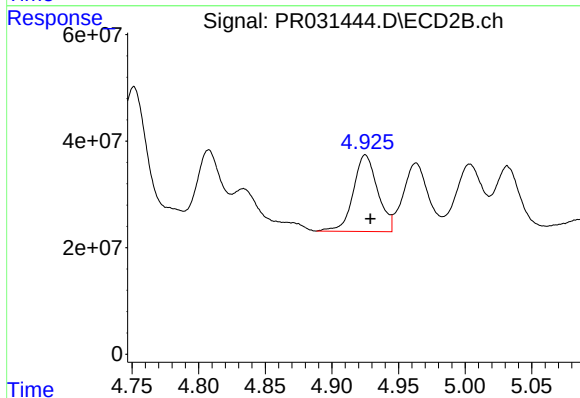
R.T.: 4.751 min
Delta R.T.: -0.004 min
Response: 358546295
Conc: 178.28 ng/ml



#18 AR-1242-3

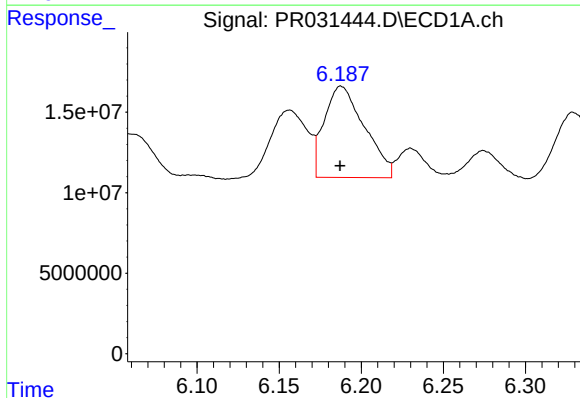
R.T.: 5.734 min
Delta R.T.: 0.001 min
Response: 147164258
Conc: 163.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



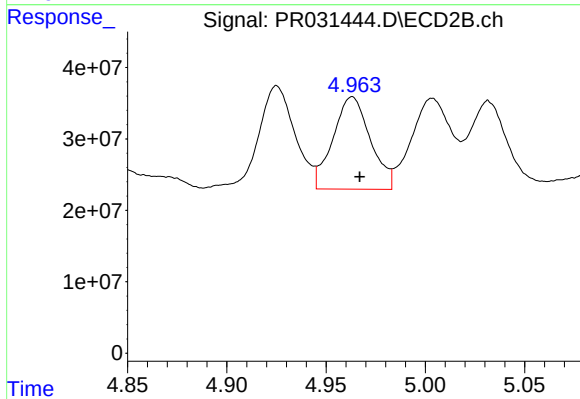
#18 AR-1242-3

R.T.: 4.925 min
Delta R.T.: -0.004 min
Response: 182787188
Conc: 186.93 ng/ml



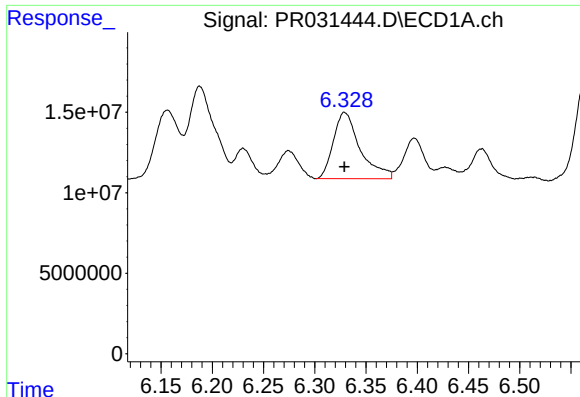
#19 AR-1242-4

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 96468249
Conc: 195.22 ng/ml



#19 AR-1242-4

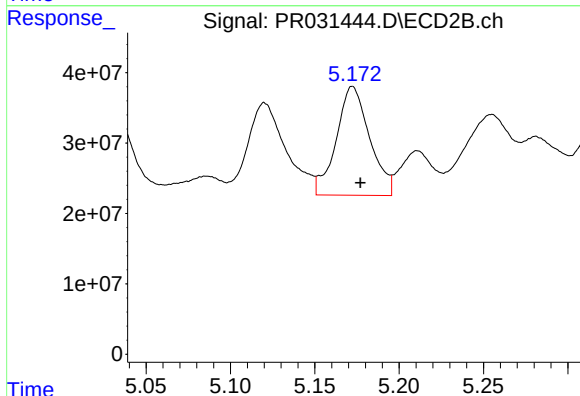
R.T.: 4.963 min
Delta R.T.: -0.004 min
Response: 169806118
Conc: 215.38 ng/ml



#20 AR-1242-5

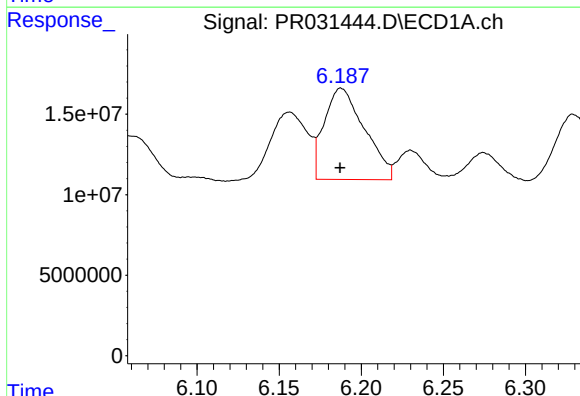
R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 75085348
Conc: 131.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



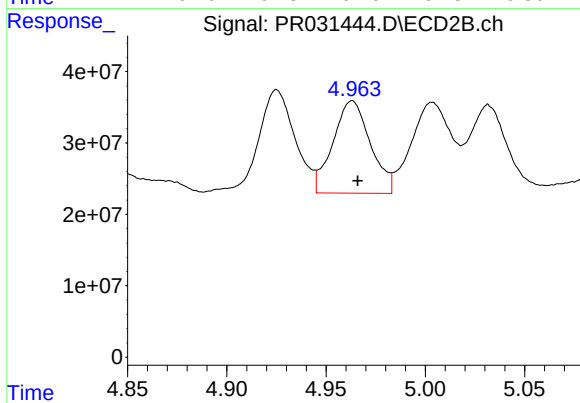
#20 AR-1242-5

R.T.: 5.172 min
Delta R.T.: -0.005 min
Response: 213761877
Conc: 188.89 ng/ml



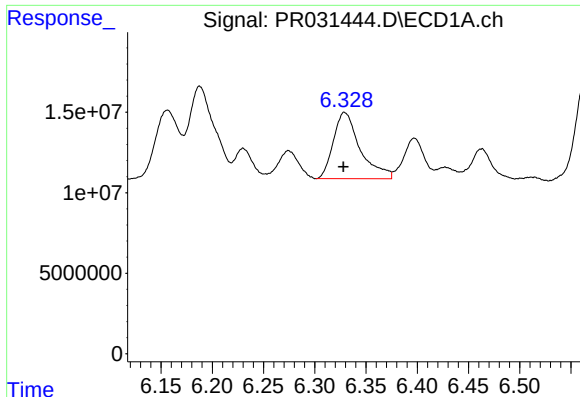
#21 AR-1248-1

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 96468249
Conc: 115.80 ng/ml



#21 AR-1248-1

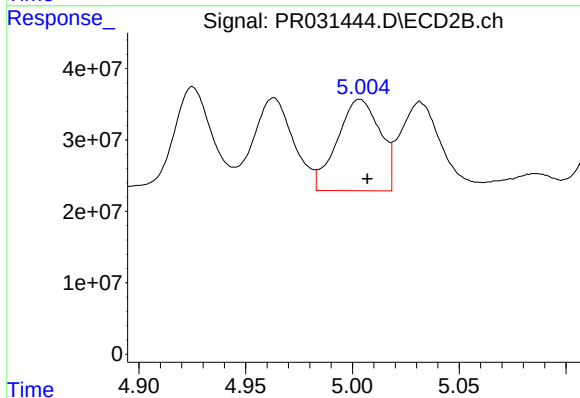
R.T.: 4.963 min
Delta R.T.: -0.003 min
Response: 169806118
Conc: 118.43 ng/ml



#22 AR-1248-2

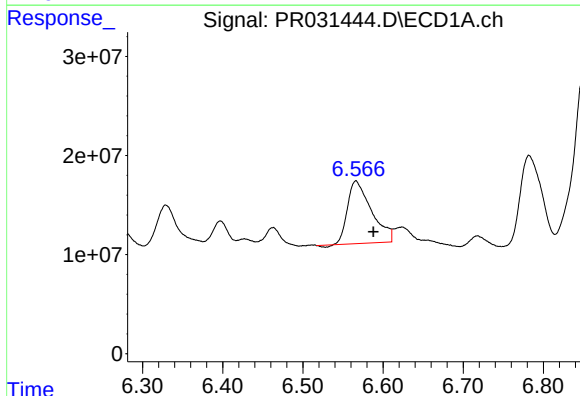
R.T.: 6.329 min
Delta R.T.: 0.001 min
Response: 75085348
Conc: 104.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



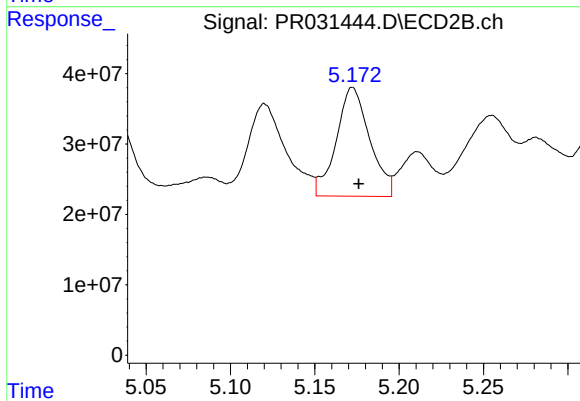
#22 AR-1248-2

R.T.: 5.004 min
Delta R.T.: -0.003 min
Response: 178384403
Conc: 118.29 ng/ml



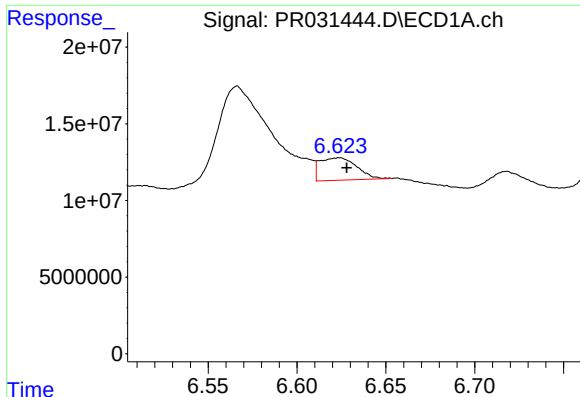
#23 AR-1248-3

R.T.: 6.566 min
Delta R.T.: -0.022 min
Response: 131333326
Conc: 125.87 ng/ml



#23 AR-1248-3

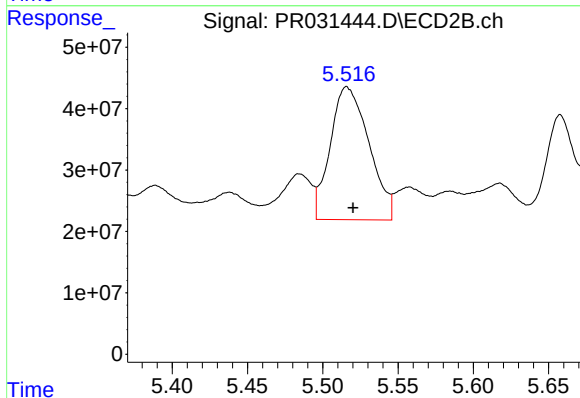
R.T.: 5.172 min
Delta R.T.: -0.004 min
Response: 213761877
Conc: 110.21 ng/ml



#24 AR-1248-4

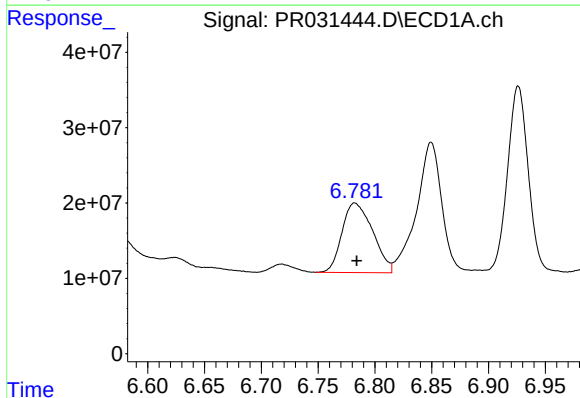
R.T.: 6.624 min
Delta R.T.: -0.004 min
Response: 21044193
Conc: 21.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



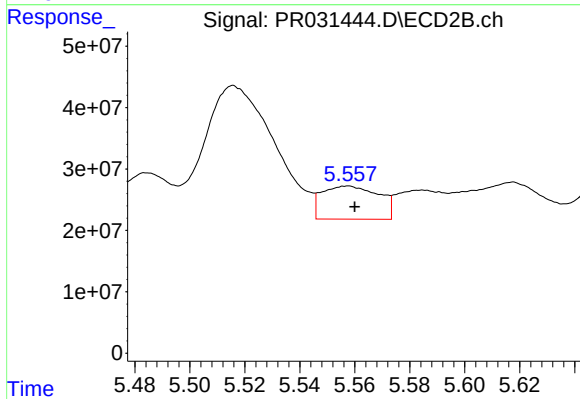
#24 AR-1248-4

R.T.: 5.516 min
Delta R.T.: -0.004 min
Response: 387076909
Conc: 129.54 ng/ml



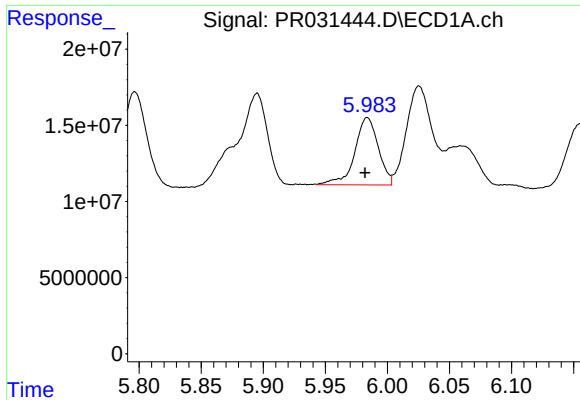
#25 AR-1248-5

R.T.: 6.782 min
Delta R.T.: -0.002 min
Response: 173612709
Conc: 172.71 ng/ml



#25 AR-1248-5

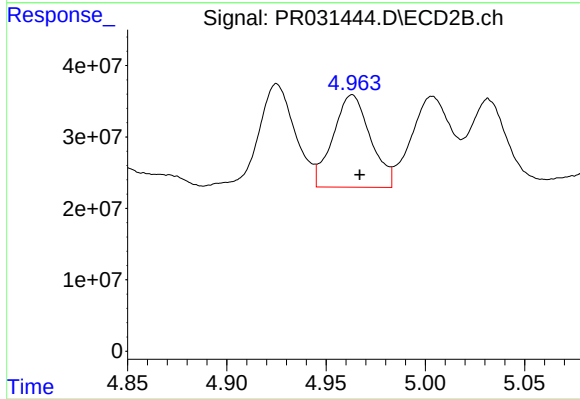
R.T.: 5.557 min
Delta R.T.: -0.003 min
Response: 77211735
Conc: 32.75 ng/ml



#26 AR-1254-1

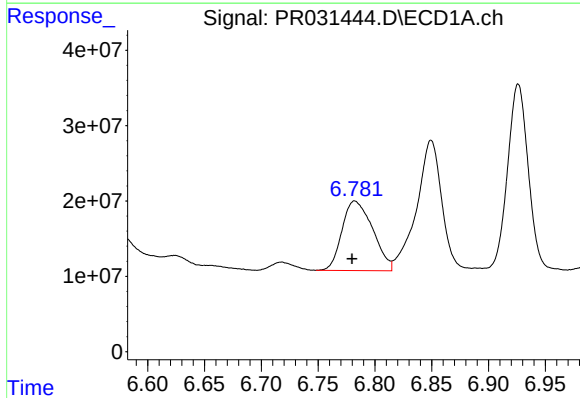
R.T.: 5.984 min
Delta R.T.: 0.002 min
Response: 58300110
Conc: 111.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



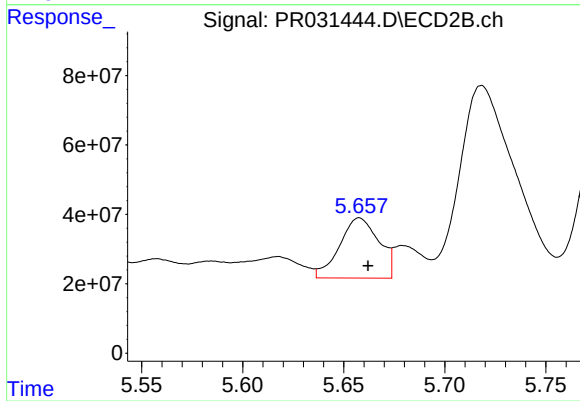
#26 AR-1254-1

R.T.: 4.963 min
Delta R.T.: -0.004 min
Response: 169806118
Conc: 152.22 ng/ml



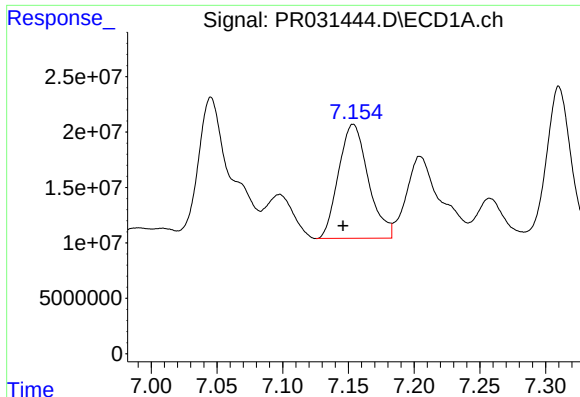
#27 AR-1254-2

R.T.: 6.782 min
Delta R.T.: 0.002 min
Response: 173612709
Conc: 101.75 ng/ml



#27 AR-1254-2

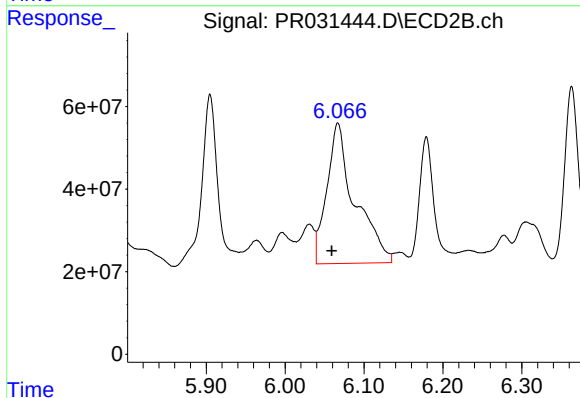
R.T.: 5.658 min
Delta R.T.: -0.004 min
Response: 234947367
Conc: 74.30 ng/ml



#28 AR-1254-3

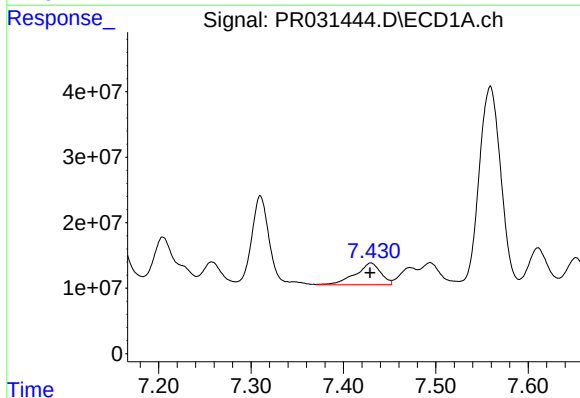
R.T.: 7.154 min
Delta R.T.: 0.008 min
Response: 161940804
Conc: 81.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



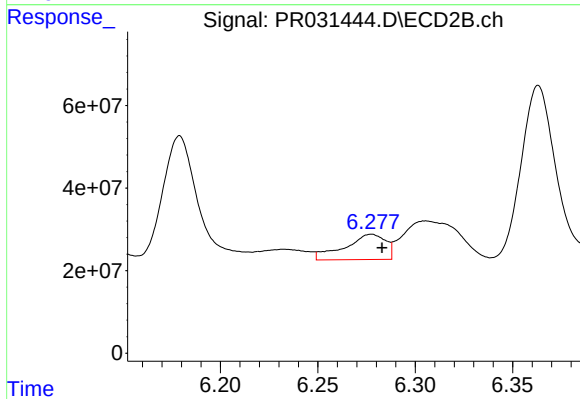
#28 AR-1254-3

R.T.: 6.067 min
Delta R.T.: 0.008 min
Response: 842020408
Conc: 162.06 ng/ml



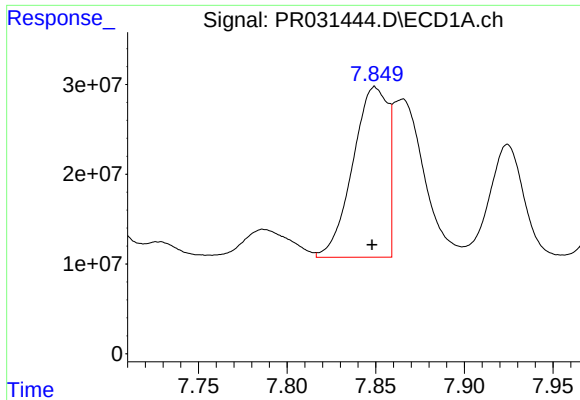
#29 AR-1254-4

R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 63152144
Conc: 37.22 ng/ml



#29 AR-1254-4

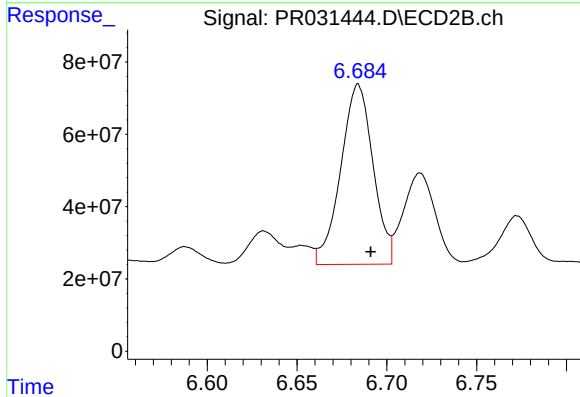
R.T.: 6.277 min
Delta R.T.: -0.006 min
Response: 89569313
Conc: 21.55 ng/ml



#30 AR-1254-5

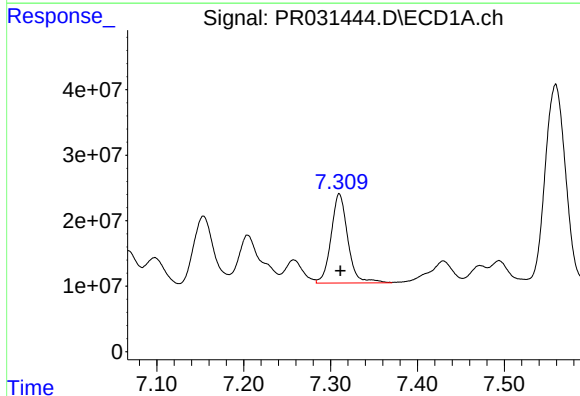
R.T.: 7.850 min
Delta R.T.: 0.002 min
Response: 261410887
Conc: 172.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



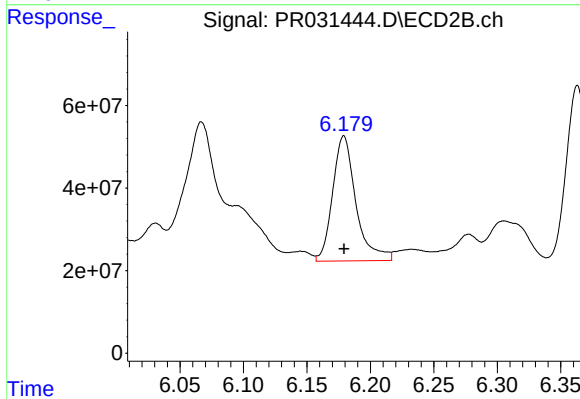
#30 AR-1254-5

R.T.: 6.684 min
Delta R.T.: -0.007 min
Response: 623293449
Conc: 215.48 ng/ml



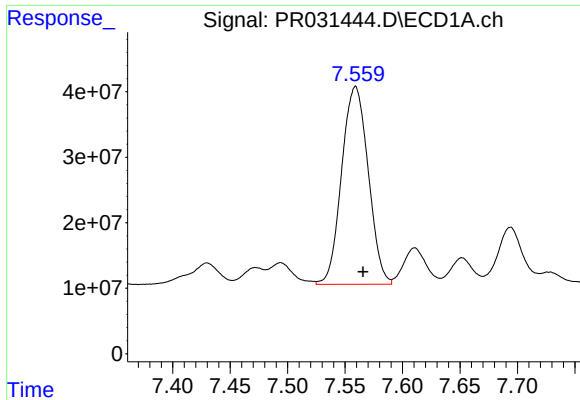
#31 AR-1260-1

R.T.: 7.310 min
Delta R.T.: -0.001 min
Response: 182074430
Conc: 122.11 ng/ml



#31 AR-1260-1

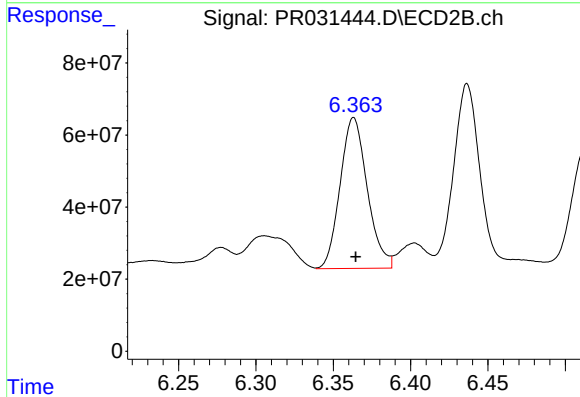
R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 386870041
Conc: 117.32 ng/ml



#32 AR-1260-2

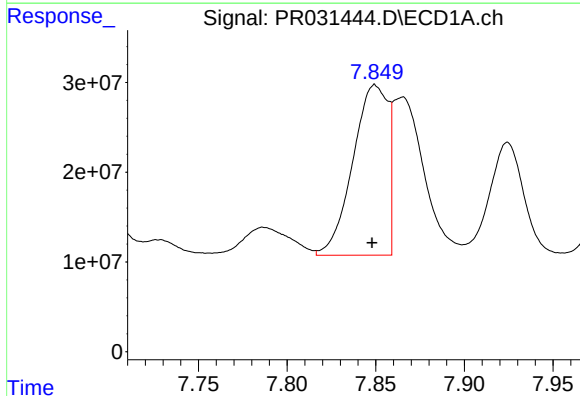
R.T.: 7.559 min
Delta R.T.: -0.007 min
Response: 486577959
Conc: 245.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



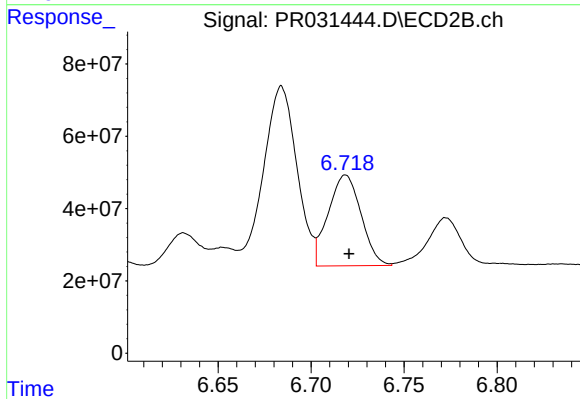
#32 AR-1260-2

R.T.: 6.363 min
Delta R.T.: -0.001 min
Response: 511947506
Conc: 123.95 ng/ml



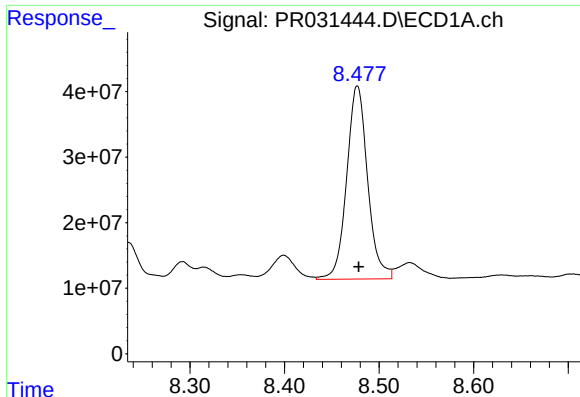
#33 AR-1260-3

R.T.: 7.850 min
Delta R.T.: 0.002 min
Response: 261410887
Conc: 118.27 ng/ml



#33 AR-1260-3

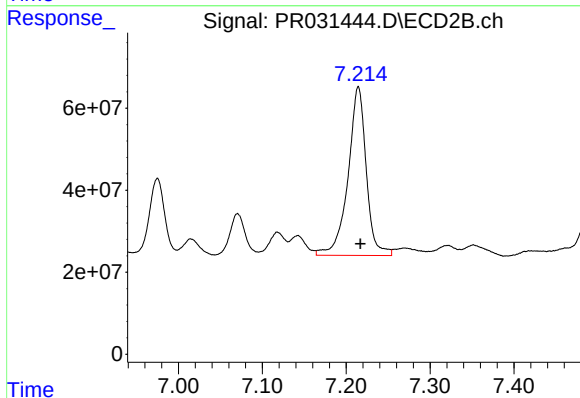
R.T.: 6.719 min
Delta R.T.: -0.002 min
Response: 309375600
Conc: 102.62 ng/ml



#34 AR-1260-4

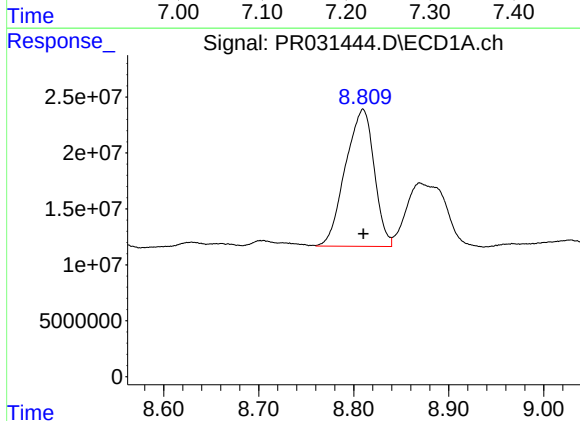
R.T.: 8.477 min
Delta R.T.: -0.002 min
Response: 453987665
Conc: 131.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



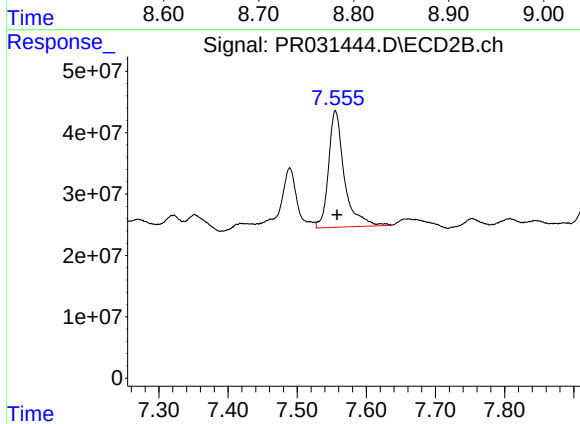
#34 AR-1260-4

R.T.: 7.214 min
Delta R.T.: -0.002 min
Response: 622152143
Conc: 139.00 ng/ml



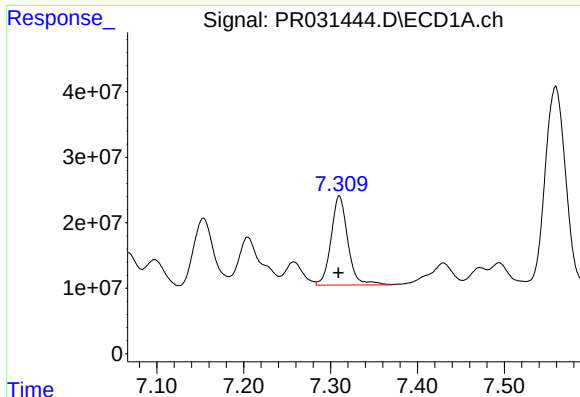
#35 AR-1260-5

R.T.: 8.810 min
Delta R.T.: 0.000 min
Response: 257960350
Conc: 125.04 ng/ml



#35 AR-1260-5

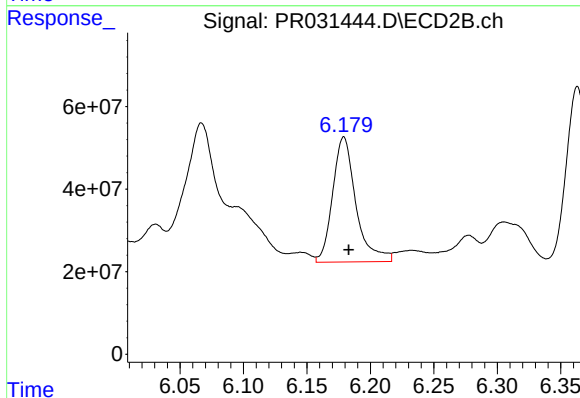
R.T.: 7.555 min
Delta R.T.: -0.002 min
Response: 301630431
Conc: 116.25 ng/ml



#36 AR-1262-1

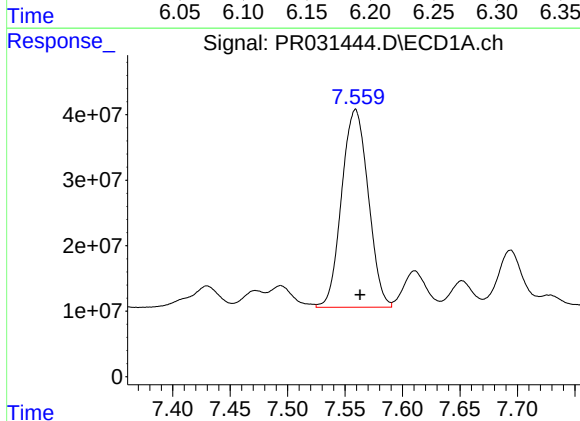
R.T.: 7.310 min
Delta R.T.: 0.001 min
Response: 182074430
Conc: 145.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



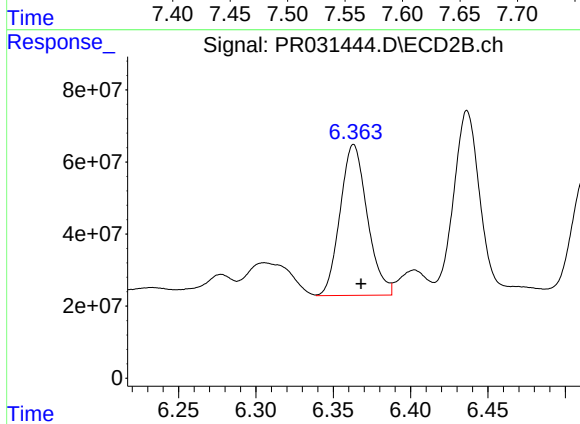
#36 AR-1262-1

R.T.: 6.179 min
Delta R.T.: -0.004 min
Response: 386870041
Conc: 132.56 ng/ml



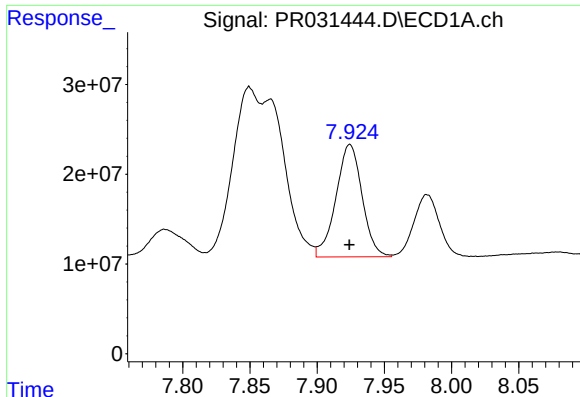
#37 AR-1262-2

R.T.: 7.559 min
Delta R.T.: -0.004 min
Response: 486577959
Conc: 289.76 ng/ml



#37 AR-1262-2

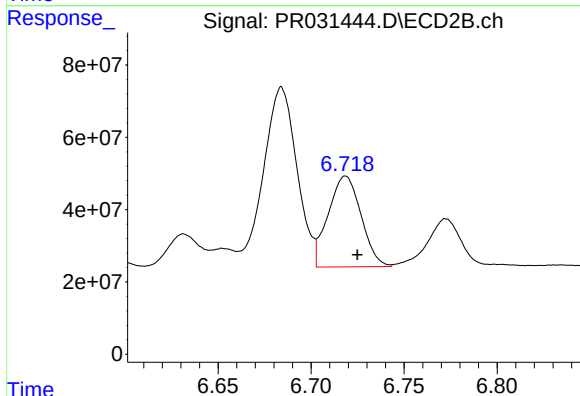
R.T.: 6.363 min
Delta R.T.: -0.005 min
Response: 511947506
Conc: 147.35 ng/ml



#38 AR-1262-3

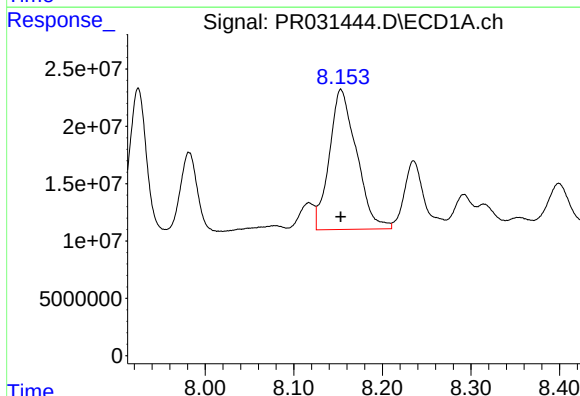
R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 169719969
Conc: 68.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



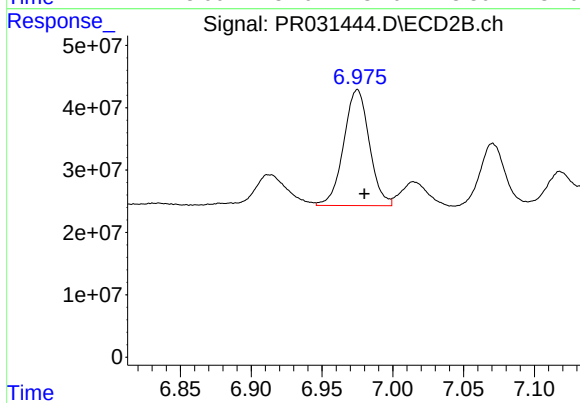
#38 AR-1262-3

R.T.: 6.719 min
Delta R.T.: -0.006 min
Response: 309375600
Conc: 76.01 ng/ml



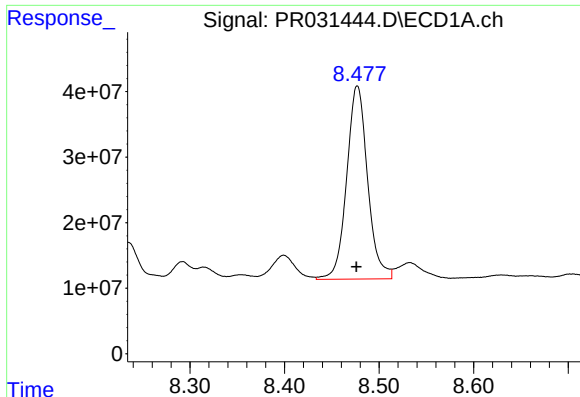
#39 AR-1262-4

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 260646370
Conc: 126.80 ng/ml



#39 AR-1262-4

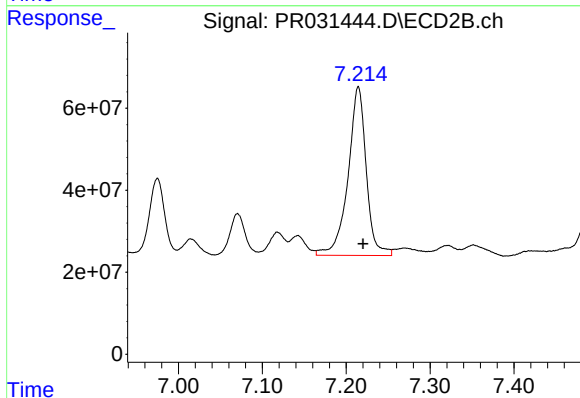
R.T.: 6.975 min
Delta R.T.: -0.005 min
Response: 234351553
Conc: 87.81 ng/ml



#40 AR-1262-5

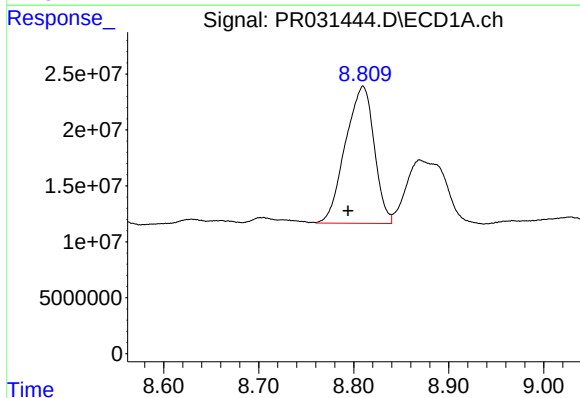
R.T.: 8.477 min
Delta R.T.: 0.000 min
Response: 453987665
Conc: 102.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



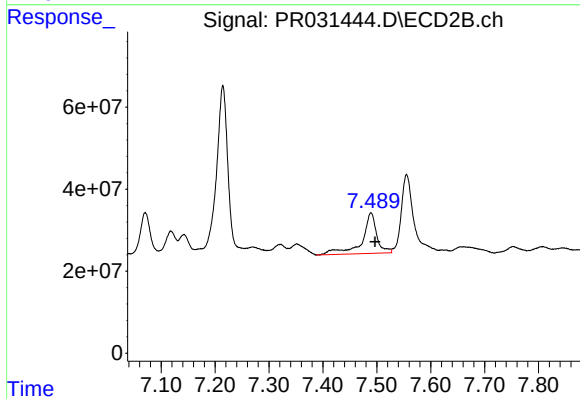
#40 AR-1262-5

R.T.: 7.214 min
Delta R.T.: -0.006 min
Response: 622152143
Conc: 131.94 ng/ml



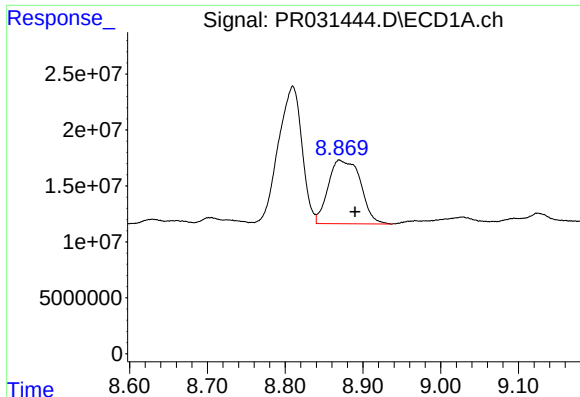
#41 AR-1268-1

R.T.: 8.810 min
Delta R.T.: 0.016 min
Response: 257960350
Conc: 56.77 ng/ml



#41 AR-1268-1

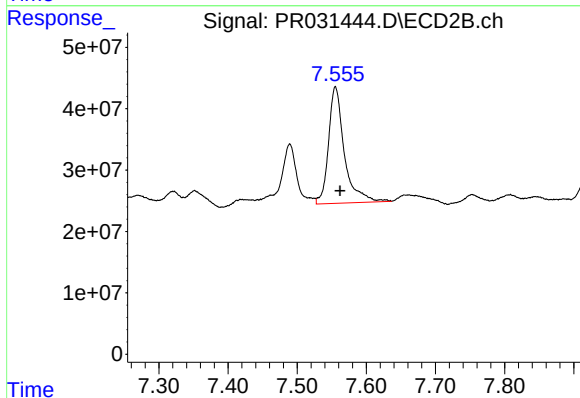
R.T.: 7.489 min
Delta R.T.: -0.008 min
Response: 190028764
Conc: 46.93 ng/ml



#42 AR-1268-2

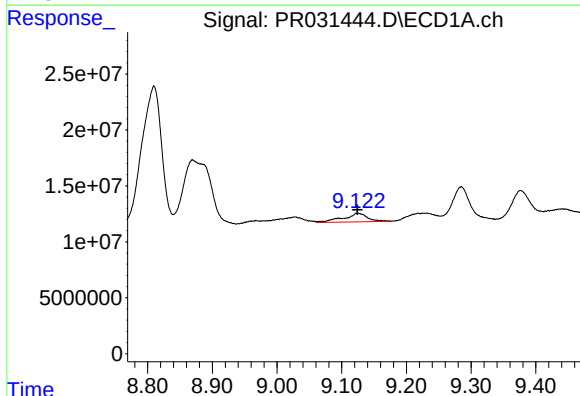
R.T.: 8.870 min
Delta R.T.: -0.020 min
Response: 164158285
Conc: 42.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



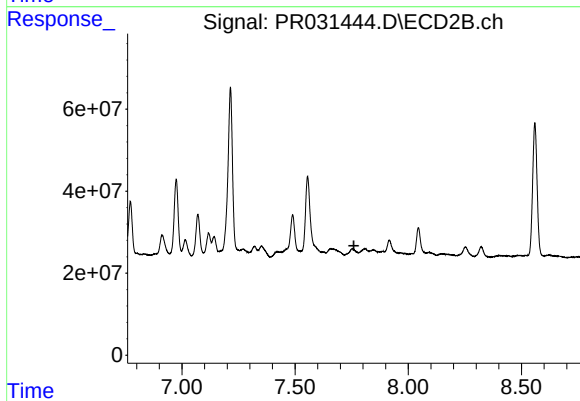
#42 AR-1268-2

R.T.: 7.555 min
Delta R.T.: -0.007 min
Response: 301630431
Conc: 87.55 ng/ml



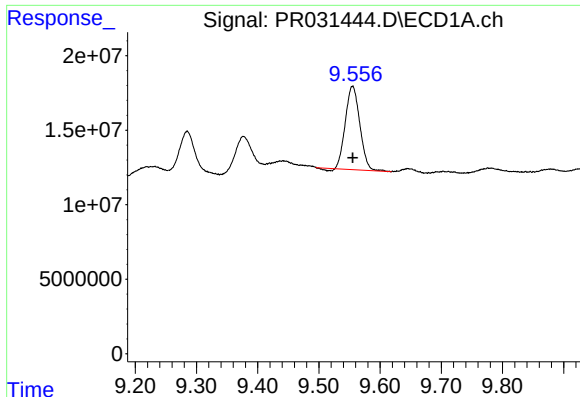
#43 AR-1268-3

R.T.: 9.125 min
Delta R.T.: 0.000 min
Response: 20237069
Conc: 5.87 ng/ml



#43 AR-1268-3

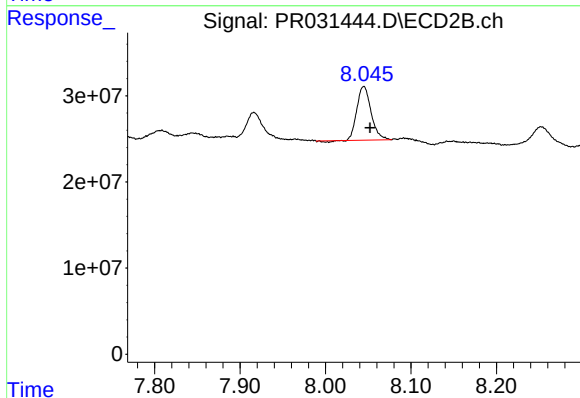
R.T.: 0.000 min
Exp R.T.: 7.760 min
Response: 0
Conc: N.D.



#44 AR-1268-4

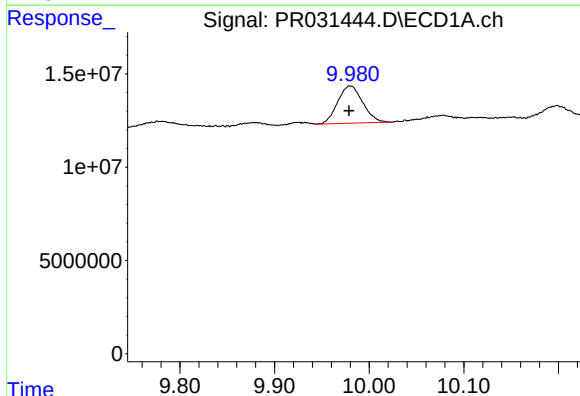
R.T.: 9.555 min
Delta R.T.: 0.000 min
Response: 91418967
Conc: 58.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



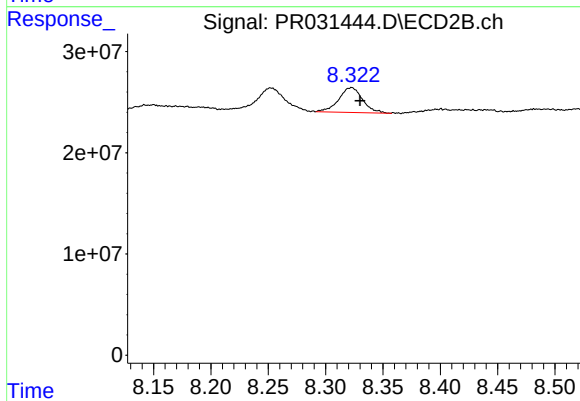
#44 AR-1268-4

R.T.: 8.045 min
Delta R.T.: -0.007 min
Response: 71461100
Conc: 61.70 ng/ml



#45 AR-1268-5

R.T.: 9.980 min
Delta R.T.: 0.000 min
Response: 36784274
Conc: 3.50 ng/ml



#45 AR-1268-5

R.T.: 8.323 min
Delta R.T.: -0.007 min
Response: 35484036
Conc: 5.12 ng/ml