

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012020\
 Data File : PR044429.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2020 05:48
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 07:12:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 21 02:46:28 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...	4.699	3.961	412.5E6	790.1E6	55.642	49.967
2)	SA Decachlor...	10.591	9.040	367.0E6	676.7E6	48.035	47.557
Target Compounds							
3)	L1 AR-1016-1	5.874	5.051	152.3E6	219.8E6	560.169	487.299
4)	L1 AR-1016-2	5.897	5.070	211.6E6	299.4E6	550.094	485.443
5)	L1 AR-1016-3	5.960	5.248	126.7E6	148.2E6	558.272	487.511
6)	L1 AR-1016-4	6.060	5.288	105.8E6	113.4E6	556.708	493.872
7)	L1 AR-1016-5	6.352	5.504	102.8E6	154.5E6	555.154	491.345
8)	L2 AR-1221-1	4.903	4.169	12288852	25090409	167.164	150.670
9)	L2 AR-1221-2	4.996	4.260	18004828	37152108	328.625	301.327
10)	L2 AR-1221-3	5.074	4.334	68832412	137.8E6	388.024	357.576
11)	L3 AR-1232-1	5.074	4.334	68832412	137.8E6	490.903	451.888
12)	L3 AR-1232-2	5.607	5.070	101.3E6	299.4E6	1373.987	1214.434
13)	L3 AR-1232-3	5.897	5.248	211.6E6	148.2E6	1409.536	1228.615
14)	L3 AR-1232-4	6.060	5.331	105.8E6	138.7E6	1421.947	1416.543
15)	L3 AR-1232-5	6.146	5.504	91666061	154.5E6	1658.058	1375.477
16)	L4 AR-1242-1	5.874	5.051	152.3E6	219.8E6	792.373	705.169
17)	L4 AR-1242-2	5.897	5.070	211.6E6	299.4E6	777.978	700.739
18)	L4 AR-1242-3	5.960	5.248	126.7E6	148.2E6	781.281	697.176
19)	L4 AR-1242-4	6.060	5.331	105.8E6	138.7E6	779.756	719.437
20)	L4 AR-1242-5	6.796	5.856	16668197	130.2E6	109.216	421.888 #
21)	L5 AR-1248-1	5.874	5.051	152.3E6	219.8E6	1004.512	871.365
22)	L5 AR-1248-2	6.146	5.288	91666061	113.4E6	449.657	413.812
23)	L5 AR-1248-3	6.352	5.331	102.8E6	138.7E6	451.322	494.411
24)	L5 AR-1248-4	6.755	5.504	18490956	154.5E6	68.304	427.614 #
25)	L5 AR-1248-5	6.796	5.897	16668197	25526615	65.136	60.874
26)	L6 AR-1254-1	6.730	5.856	72692554	130.2E6	277.371	209.819
27)	L6 AR-1254-2	6.945	6.002	77603849	122.8E6	190.725	221.007
28)	L6 AR-1254-3	7.316	6.422	44435623	311.6E6	100.930	329.261 #
29)	L6 AR-1254-4	7.601	6.636	31801914	50264339	94.215	69.763 #
30)	L6 AR-1254-5	8.019	7.055	261.8E6	359.9E6	735.701	421.427 #
31)	L7 AR-1260-1	7.477	6.537	180.8E6	344.4E6	541.764	505.024
32)	L7 AR-1260-2	7.732	6.725	215.1E6	498.6E6	526.785	499.255
33)	L7 AR-1260-3	8.092	6.879	169.9E6	403.6E6	546.433	497.612
34)	L7 AR-1260-4	8.331	7.351	194.4E6	354.0E6	532.259	490.822
35)	L7 AR-1260-5	8.667	7.592	412.7E6	1076.4E6	528.884	497.871
36)	L8 AR-1262-1	8.092	7.090	169.9E6	461.2E6	383.754	381.745
37)	L8 AR-1262-2	8.667	7.592	412.7E6	1076.4E6	484.511	483.009
38)	L8 AR-1262-3	9.018	7.875	239.0E6	240.4E6	433.564	271.895 #
39)	L8 AR-1262-4	9.074	7.939	160.4E6	682.7E6	376.058	464.564
40)	L8 AR-1262-5	9.793	8.453	118.8E6	244.0E6	384.615	357.442
41)	L9 AR-1268-1	9.018	7.875	239.0E6	240.4E6	227.211	89.958 #

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 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

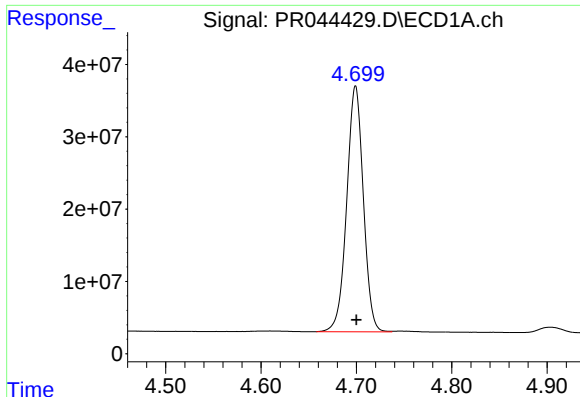
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	9.074	7.939	160.4E6	682.7E6	161.844	298.585 #
43) L9	AR-1268-3	9.336	8.150	6199434	17602428	7.495	9.033
44) L9	AR-1268-4	9.793	8.453	118.8E6	244.0E6	335.682	308.865
45) L9	AR-1268-5	10.233	8.766	33900403	55884633	11.780	9.968

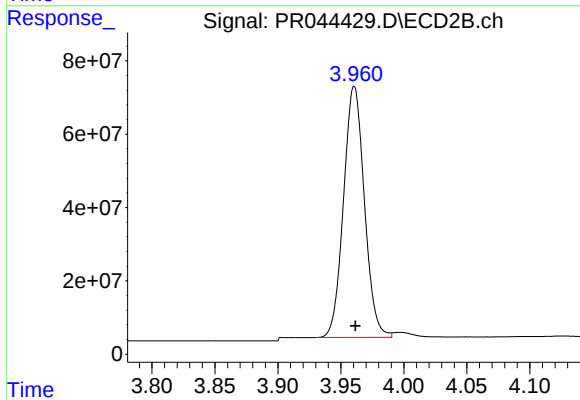
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

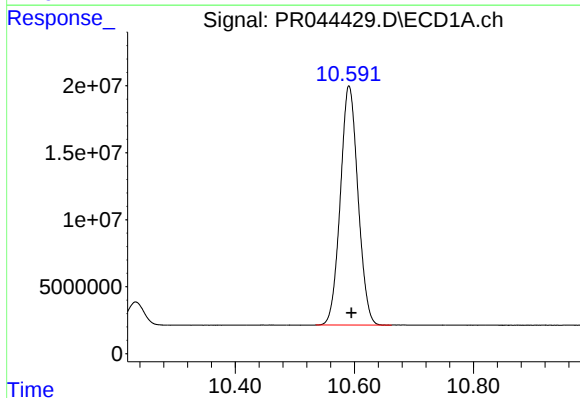
R.T.: 4.699 min
Delta R.T.: 0.000 min
Response: 412517461
Conc: 55.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



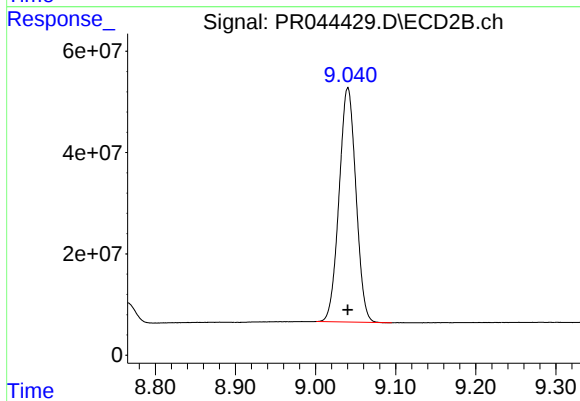
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 790136179
Conc: 49.97 ng/ml



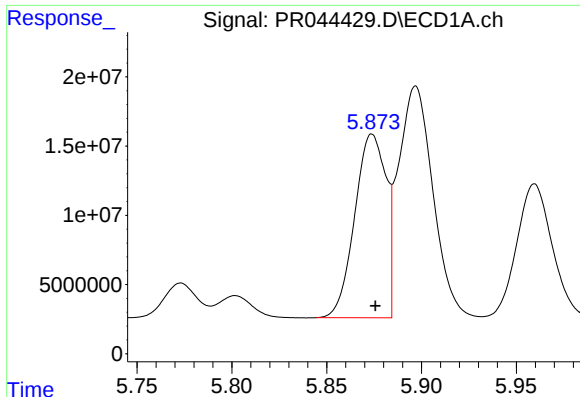
#2 Decachlorobiphenyl

R.T.: 10.591 min
Delta R.T.: -0.004 min
Response: 366954082
Conc: 48.04 ng/ml



#2 Decachlorobiphenyl

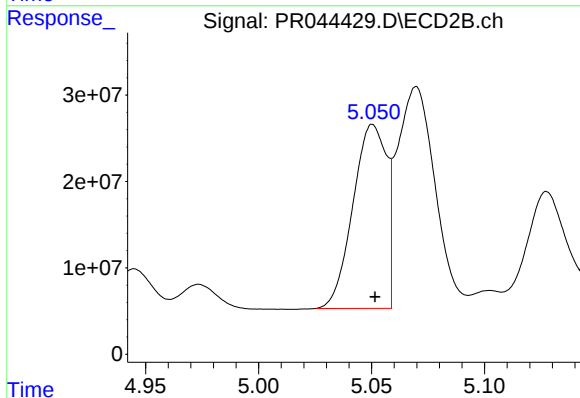
R.T.: 9.040 min
Delta R.T.: 0.000 min
Response: 676749385
Conc: 47.56 ng/ml



#3 AR-1016-1

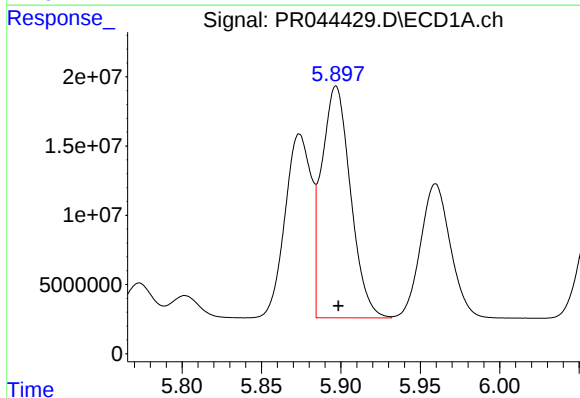
R.T.: 5.874 min
Delta R.T.: -0.002 min
Response: 152344141
Conc: 560.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



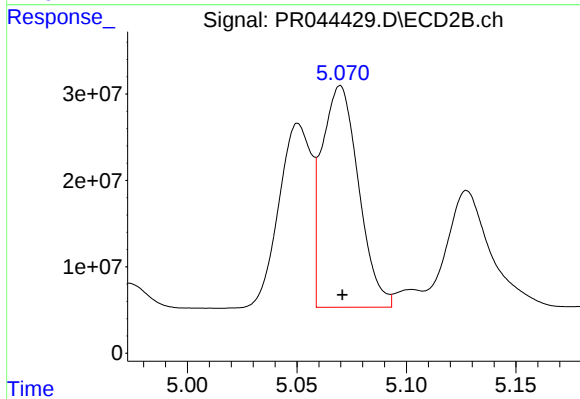
#3 AR-1016-1

R.T.: 5.051 min
Delta R.T.: -0.001 min
Response: 219832952
Conc: 487.30 ng/ml



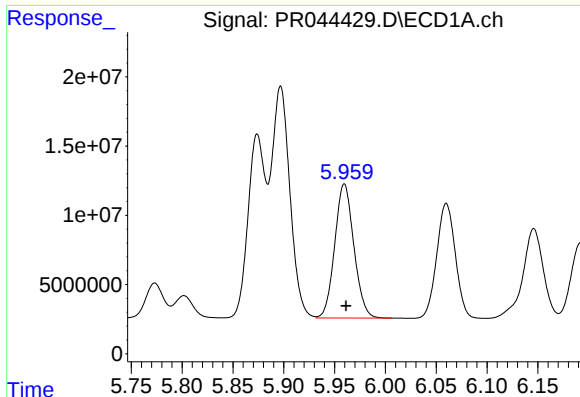
#4 AR-1016-2

R.T.: 5.897 min
Delta R.T.: -0.001 min
Response: 211608487
Conc: 550.09 ng/ml



#4 AR-1016-2

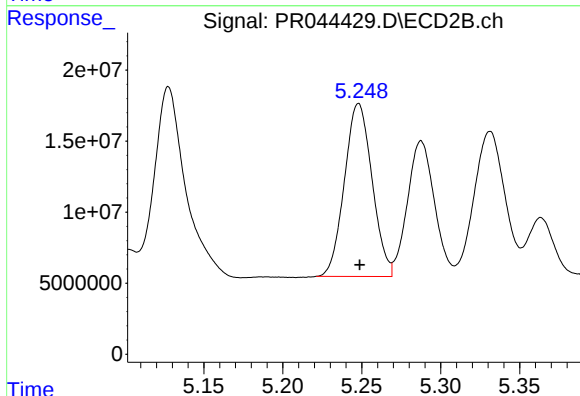
R.T.: 5.070 min
Delta R.T.: -0.001 min
Response: 299408530
Conc: 485.44 ng/ml



#5 AR-1016-3

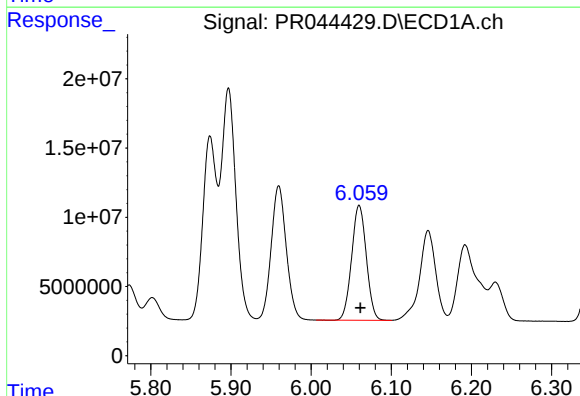
R.T.: 5.960 min
Delta R.T.: -0.002 min
Response: 126688300
Conc: 558.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



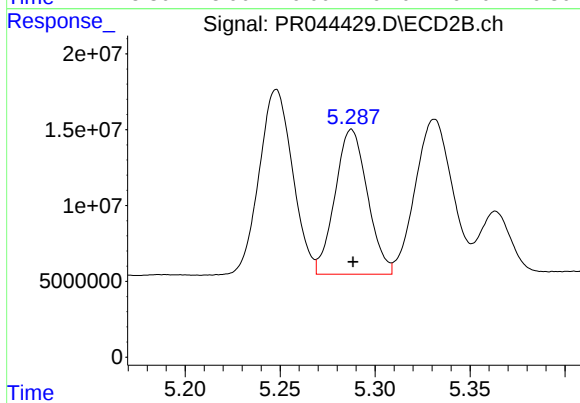
#5 AR-1016-3

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 148158466
Conc: 487.51 ng/ml



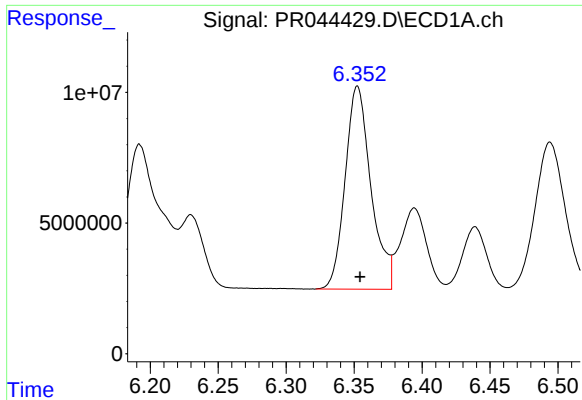
#6 AR-1016-4

R.T.: 6.060 min
Delta R.T.: -0.002 min
Response: 105755671
Conc: 556.71 ng/ml



#6 AR-1016-4

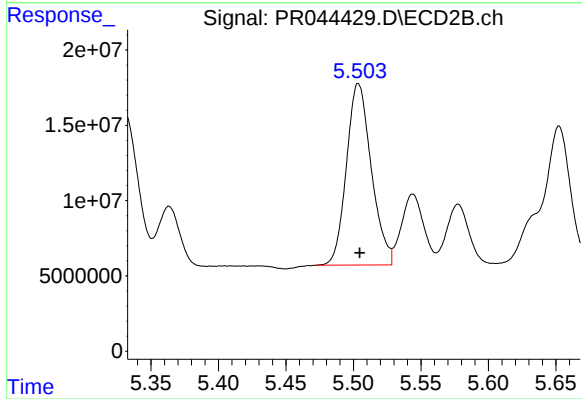
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 113371312
Conc: 493.87 ng/ml



#7 AR-1016-5

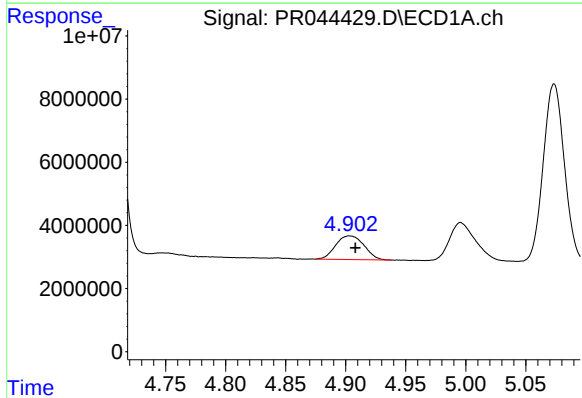
R.T.: 6.352 min
Delta R.T.: -0.002 min
Response: 102764672
Conc: 555.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



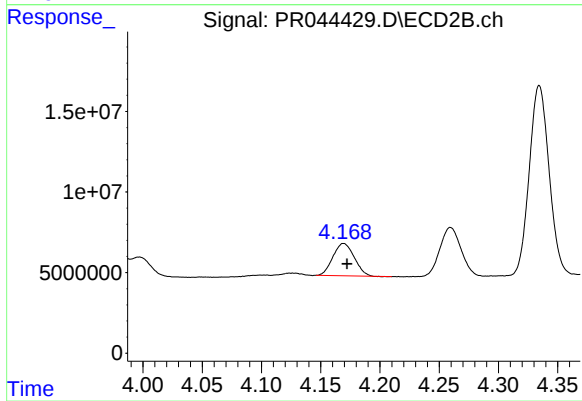
#7 AR-1016-5

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 154517957
Conc: 491.35 ng/ml



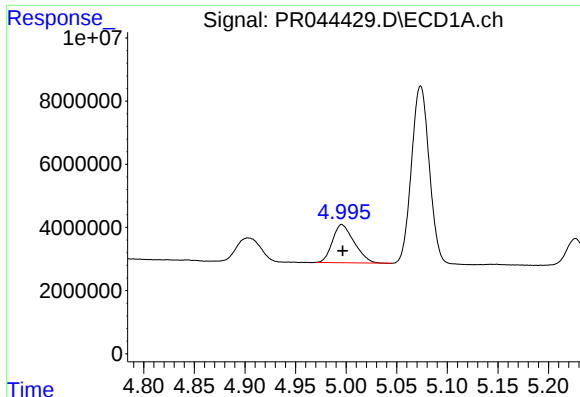
#8 AR-1221-1

R.T.: 4.903 min
Delta R.T.: -0.005 min
Response: 12288852
Conc: 167.16 ng/ml



#8 AR-1221-1

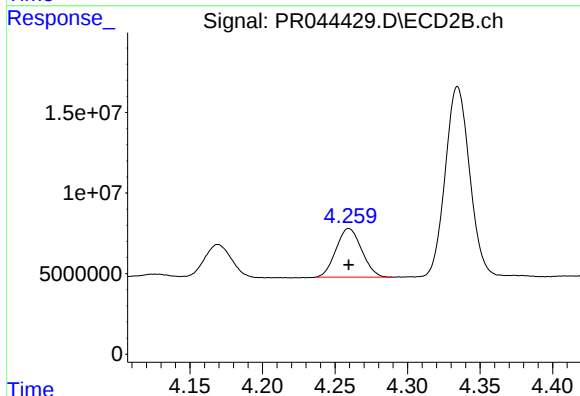
R.T.: 4.169 min
Delta R.T.: -0.003 min
Response: 25090409
Conc: 150.67 ng/ml



#9 AR-1221-2

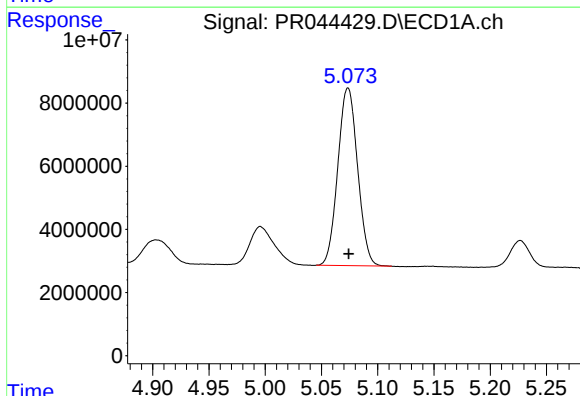
R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 18004828
Conc: 328.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



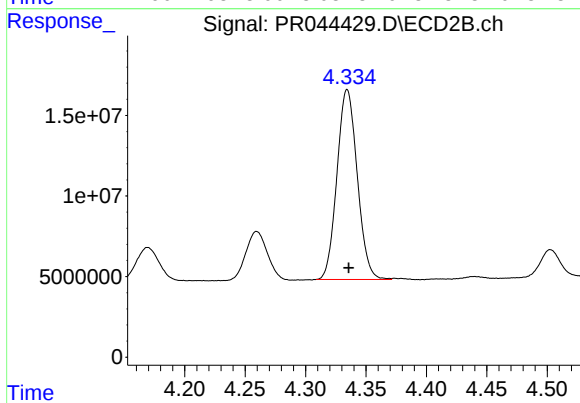
#9 AR-1221-2

R.T.: 4.260 min
Delta R.T.: 0.000 min
Response: 37152108
Conc: 301.33 ng/ml



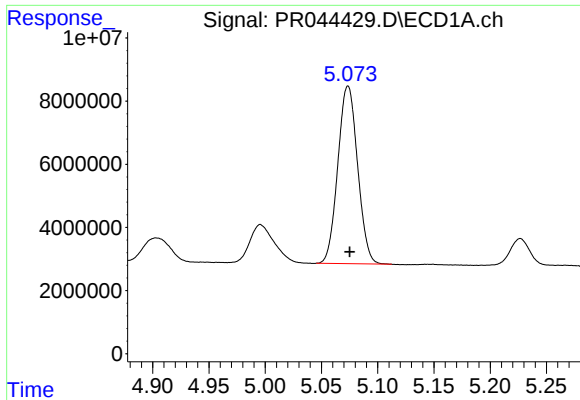
#10 AR-1221-3

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 68832412
Conc: 388.02 ng/ml



#10 AR-1221-3

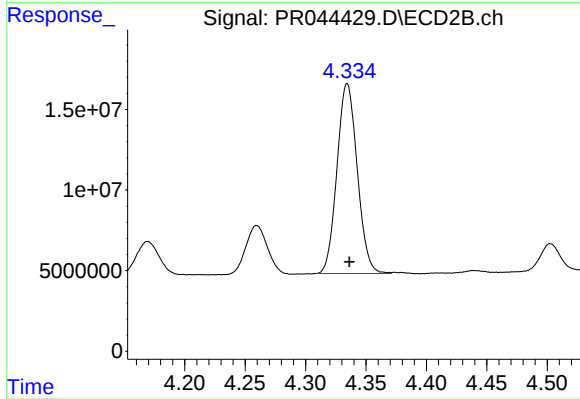
R.T.: 4.334 min
Delta R.T.: -0.001 min
Response: 137806401
Conc: 357.58 ng/ml



#11 AR-1232-1

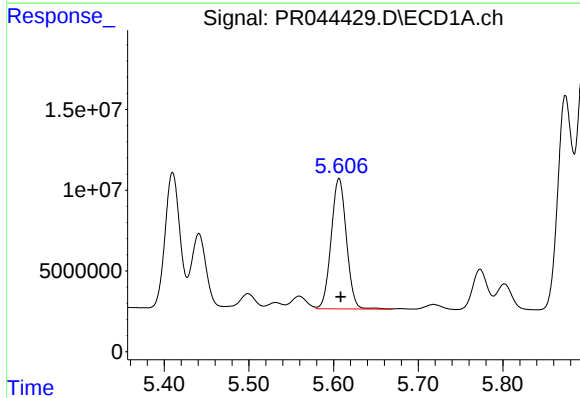
R.T.: 5.074 min
Delta R.T.: -0.002 min
Response: 68832412
Conc: 490.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



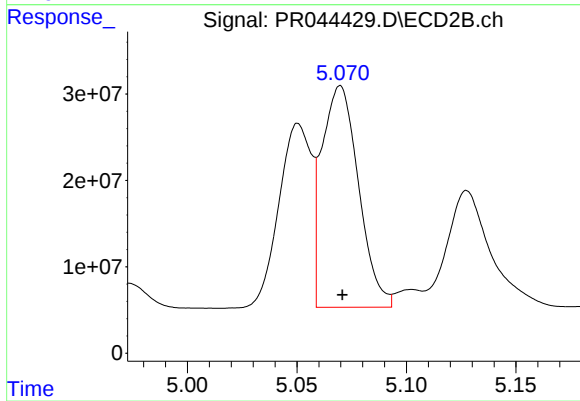
#11 AR-1232-1

R.T.: 4.334 min
Delta R.T.: -0.002 min
Response: 137806401
Conc: 451.89 ng/ml



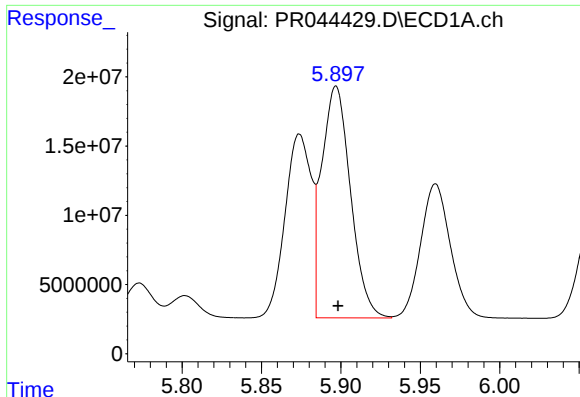
#12 AR-1232-2

R.T.: 5.607 min
Delta R.T.: -0.002 min
Response: 101323512
Conc: 1373.99 ng/ml



#12 AR-1232-2

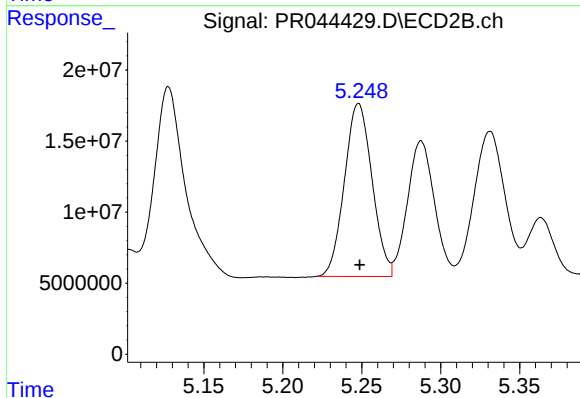
R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 299408530
Conc: 1214.43 ng/ml



#13 AR-1232-3

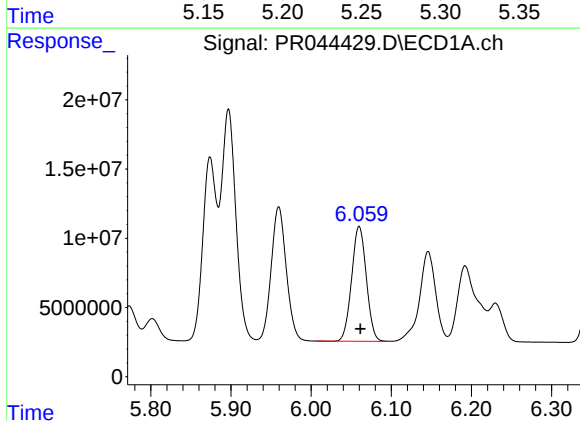
R.T.: 5.897 min
Delta R.T.: -0.001 min
Response: 211608487
Conc: 1409.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



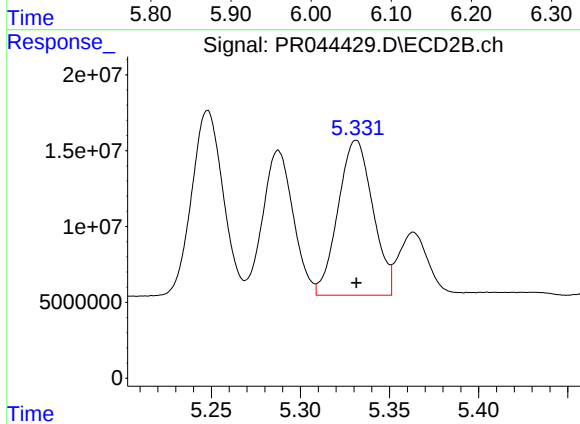
#13 AR-1232-3

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 148158466
Conc: 1228.61 ng/ml



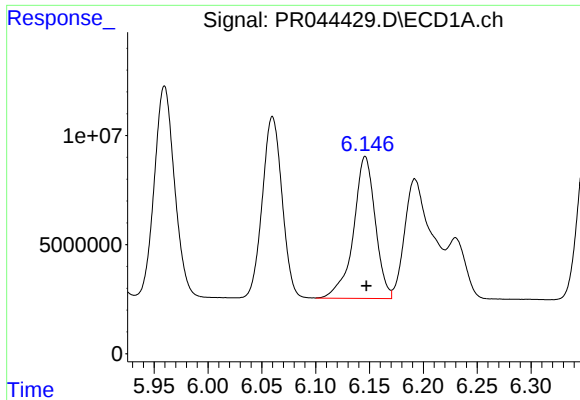
#14 AR-1232-4

R.T.: 6.060 min
Delta R.T.: -0.001 min
Response: 105755671
Conc: 1421.95 ng/ml



#14 AR-1232-4

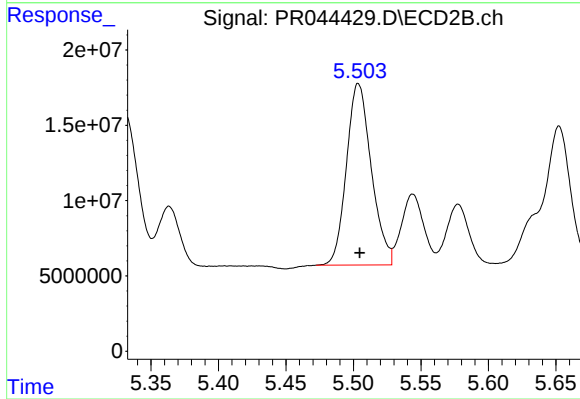
R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 138651420
Conc: 1416.54 ng/ml



#15 AR-1232-5

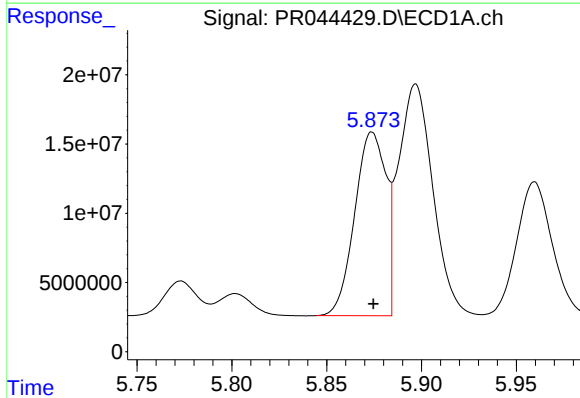
R.T.: 6.146 min
Delta R.T.: -0.001 min
Response: 91666061
Conc: 1658.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



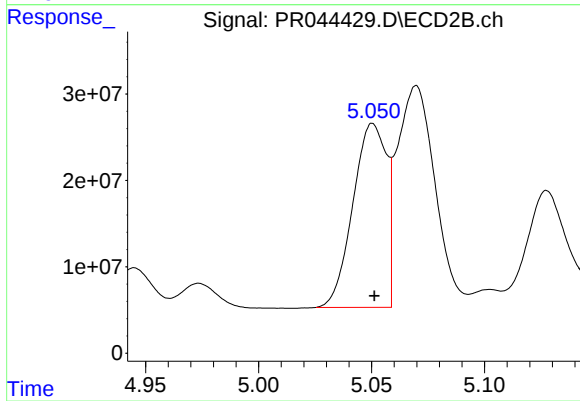
#15 AR-1232-5

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 154517957
Conc: 1375.48 ng/ml



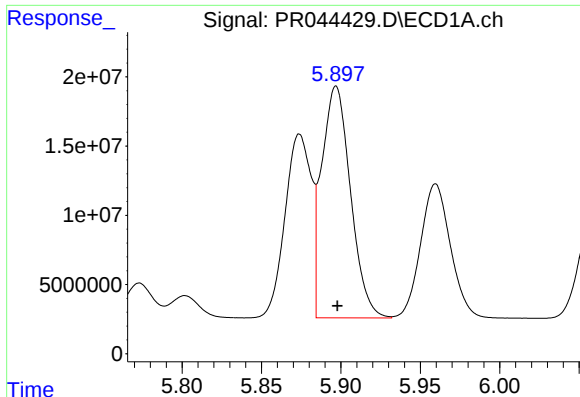
#16 AR-1242-1

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 152344141
Conc: 792.37 ng/ml



#16 AR-1242-1

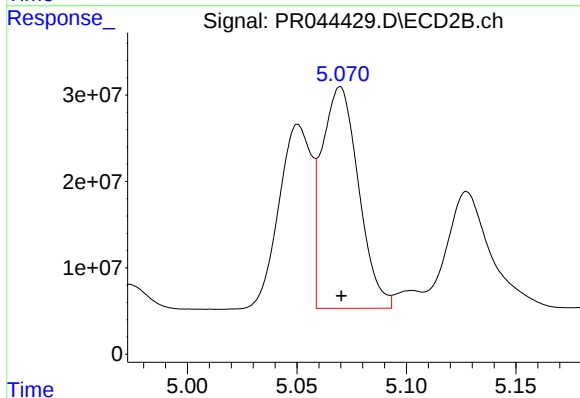
R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 219832952
Conc: 705.17 ng/ml



#17 AR-1242-2

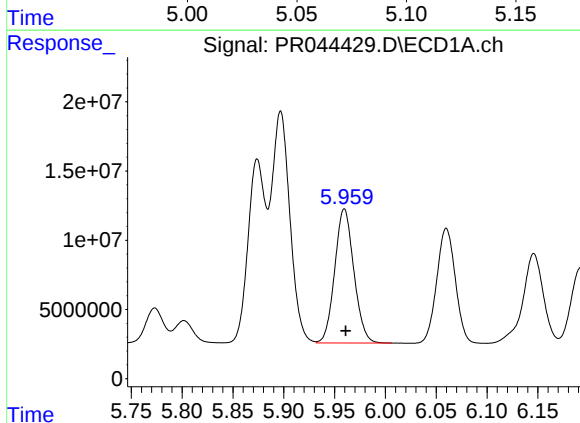
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 211608487
Conc: 777.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



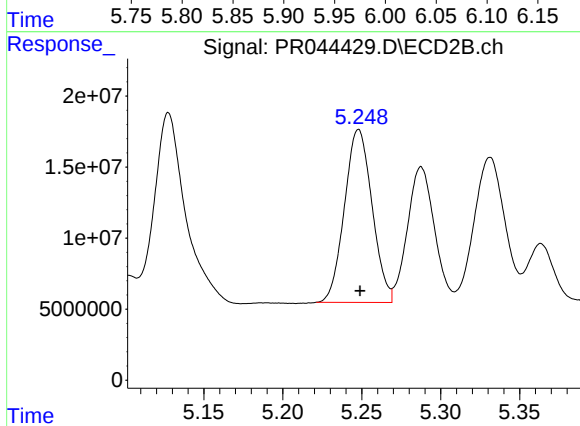
#17 AR-1242-2

R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 299408530
Conc: 700.74 ng/ml



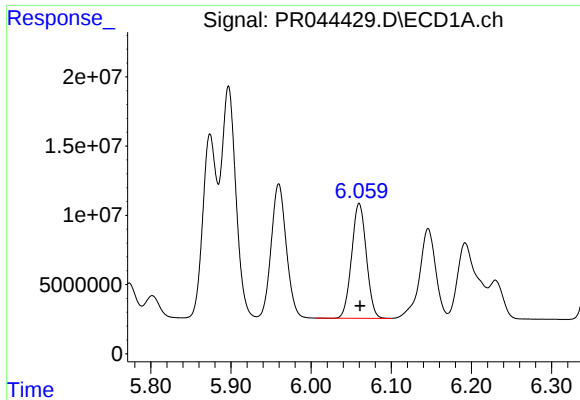
#18 AR-1242-3

R.T.: 5.960 min
Delta R.T.: -0.001 min
Response: 126688300
Conc: 781.28 ng/ml



#18 AR-1242-3

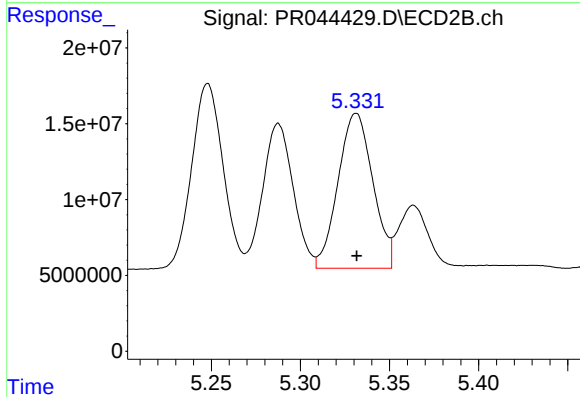
R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 148158466
Conc: 697.18 ng/ml



#19 AR-1242-4

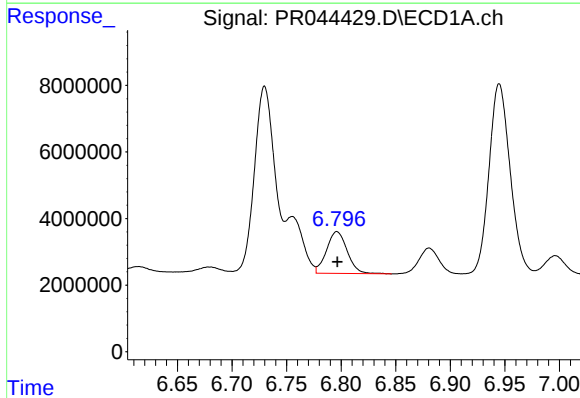
R.T.: 6.060 min
Delta R.T.: -0.001 min
Response: 105755671
Conc: 779.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



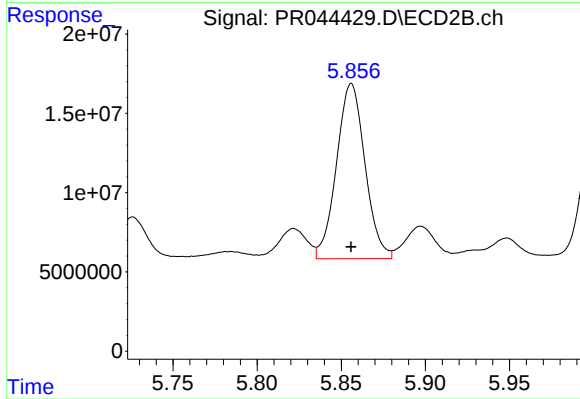
#19 AR-1242-4

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 138651420
Conc: 719.44 ng/ml



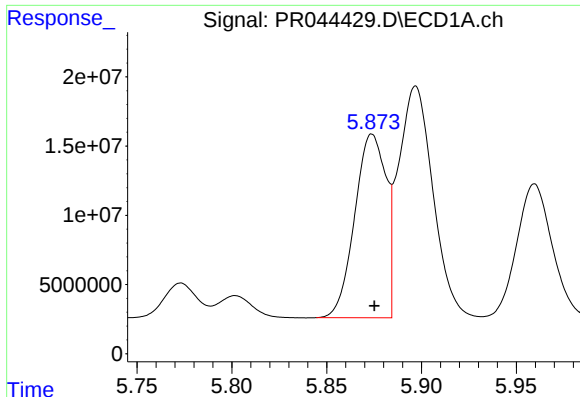
#20 AR-1242-5

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 16668197
Conc: 109.22 ng/ml



#20 AR-1242-5

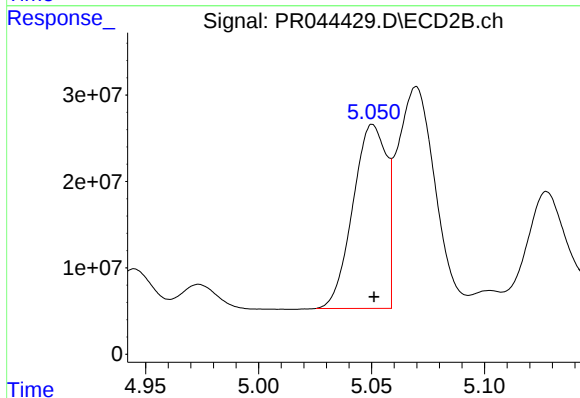
R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 130218266
Conc: 421.89 ng/ml



#21 AR-1248-1

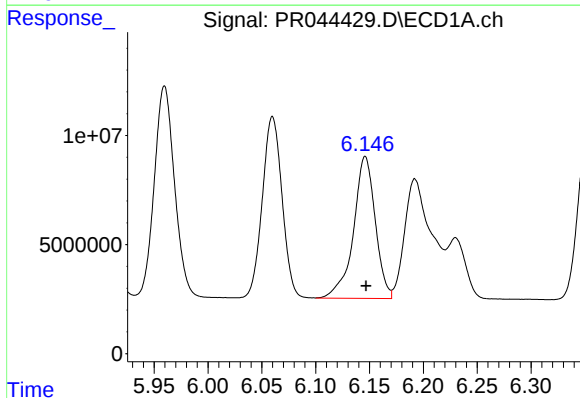
R.T.: 5.874 min
Delta R.T.: -0.001 min
Response: 152344141
Conc: 1004.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



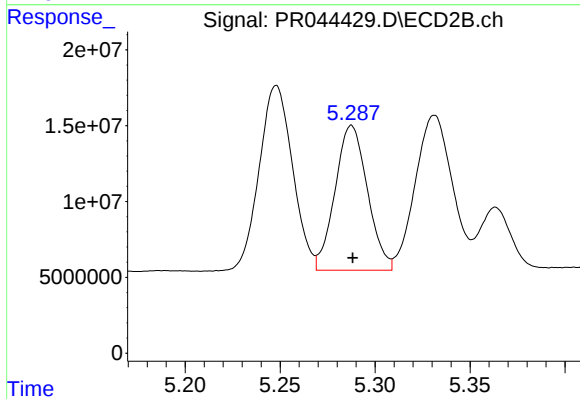
#21 AR-1248-1

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 219832952
Conc: 871.37 ng/ml



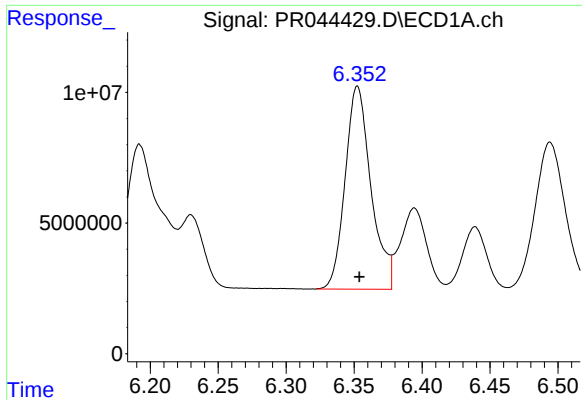
#22 AR-1248-2

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 91666061
Conc: 449.66 ng/ml



#22 AR-1248-2

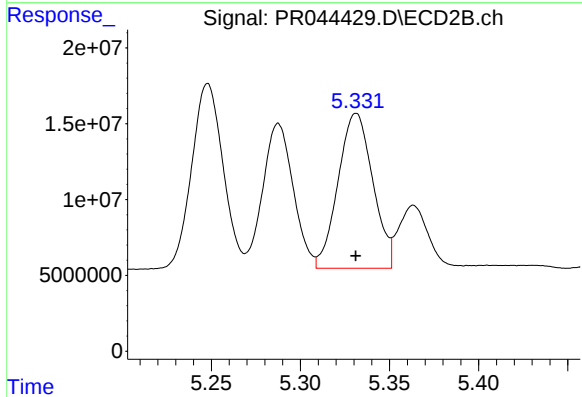
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 113371312
Conc: 413.81 ng/ml



#23 AR-1248-3

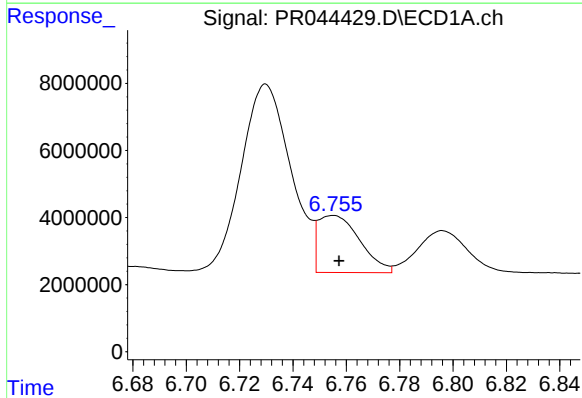
R.T.: 6.352 min
Delta R.T.: -0.001 min
Response: 102764672
Conc: 451.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



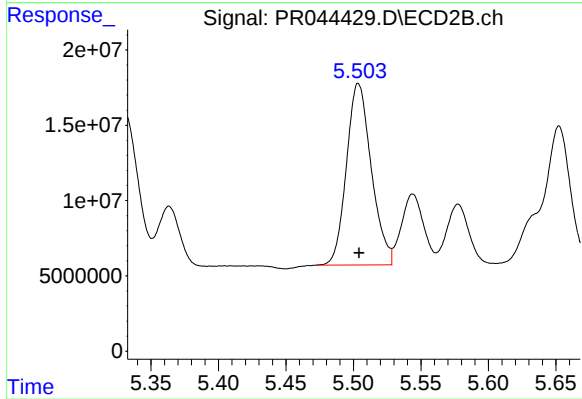
#23 AR-1248-3

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 138651420
Conc: 494.41 ng/ml



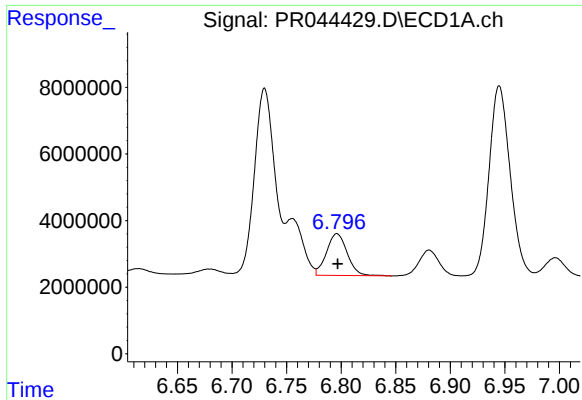
#24 AR-1248-4

R.T.: 6.755 min
Delta R.T.: -0.002 min
Response: 18490956
Conc: 68.30 ng/ml



#24 AR-1248-4

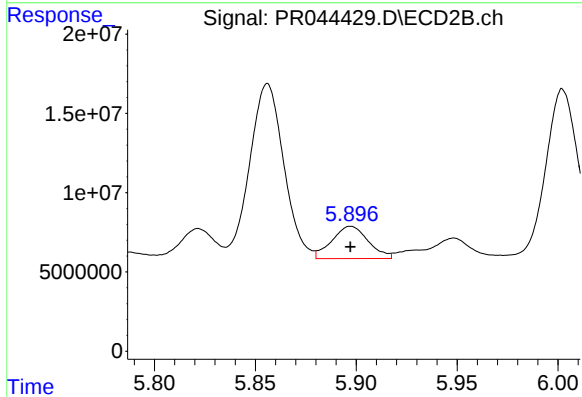
R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 154517957
Conc: 427.61 ng/ml



#25 AR-1248-5

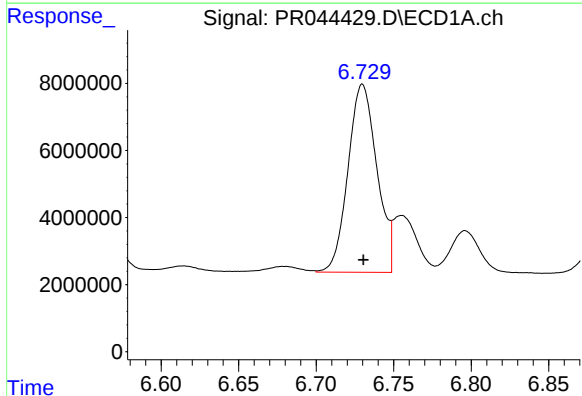
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 16668197
Conc: 65.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



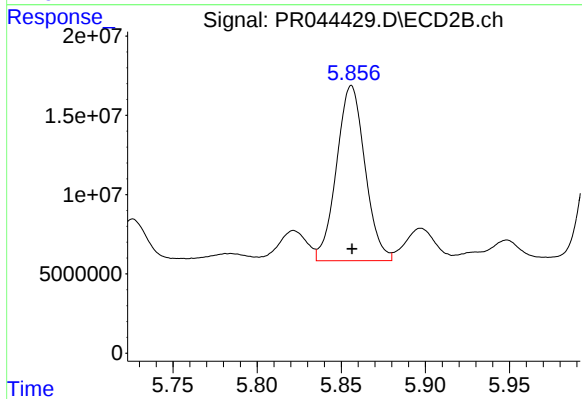
#25 AR-1248-5

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 25526615
Conc: 60.87 ng/ml



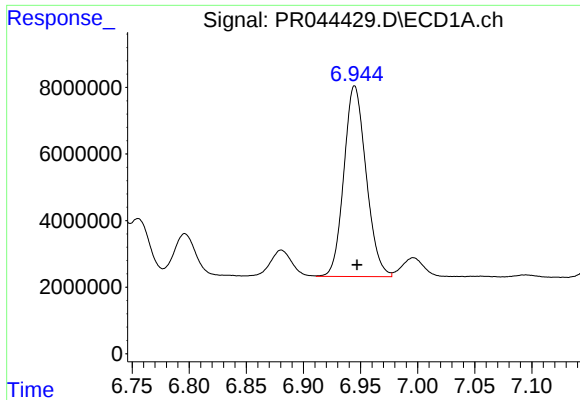
#26 AR-1254-1

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 72692554
Conc: 277.37 ng/ml



#26 AR-1254-1

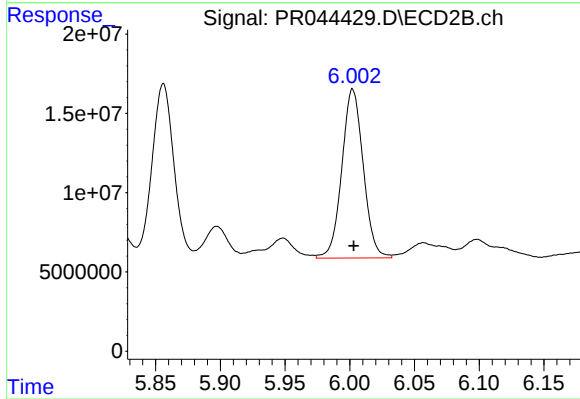
R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 130218266
Conc: 209.82 ng/ml



#27 AR-1254-2

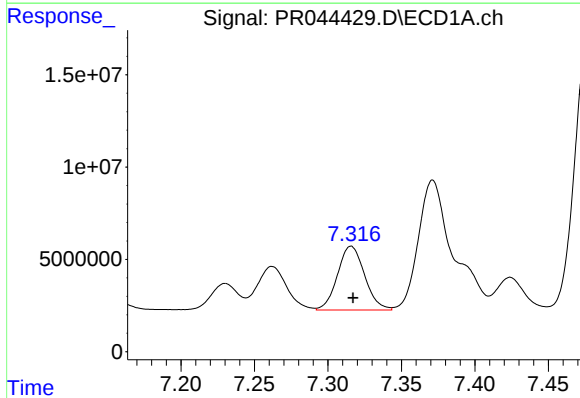
R.T.: 6.945 min
Delta R.T.: -0.002 min
Response: 77603849
Conc: 190.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



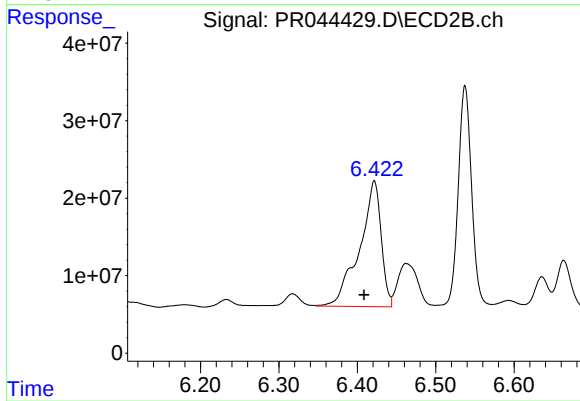
#27 AR-1254-2

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 122826493
Conc: 221.01 ng/ml



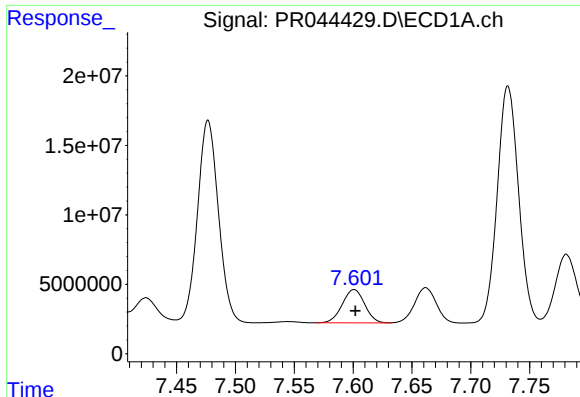
#28 AR-1254-3

R.T.: 7.316 min
Delta R.T.: -0.001 min
Response: 44435623
Conc: 100.93 ng/ml



#28 AR-1254-3

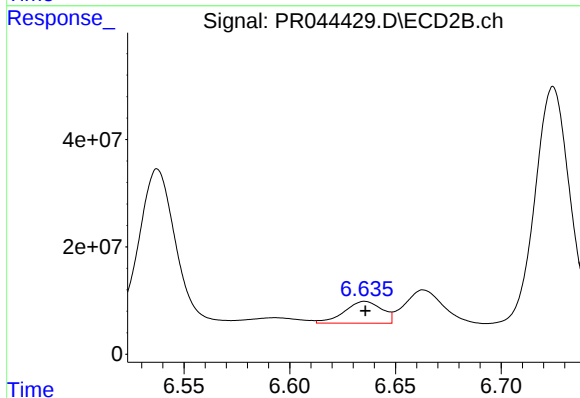
R.T.: 6.422 min
Delta R.T.: 0.013 min
Response: 311610919
Conc: 329.26 ng/ml



#29 AR-1254-4

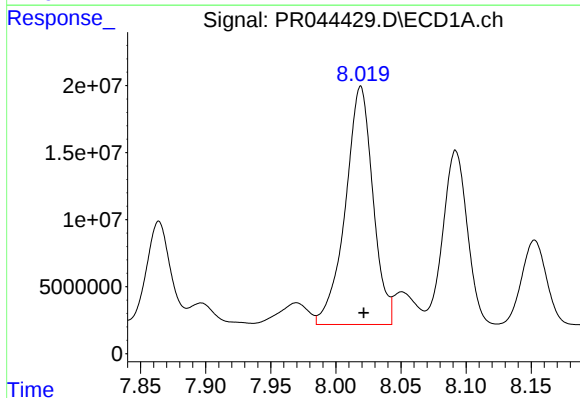
R.T.: 7.601 min
Delta R.T.: -0.001 min
Response: 31801914
Conc: 94.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



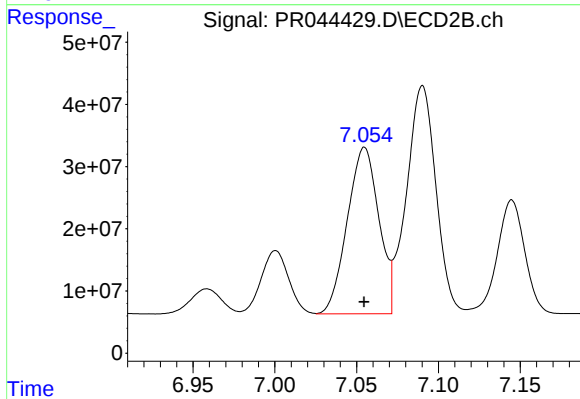
#29 AR-1254-4

R.T.: 6.636 min
Delta R.T.: 0.000 min
Response: 50264339
Conc: 69.76 ng/ml



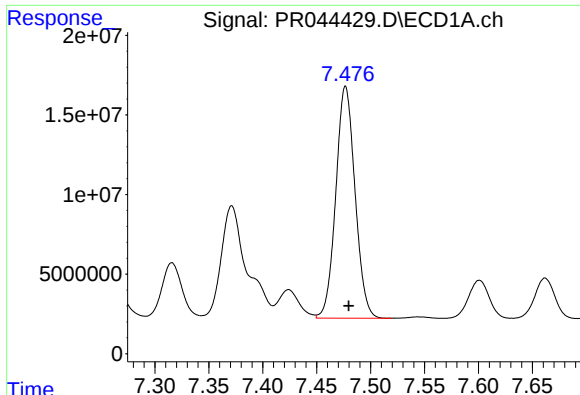
#30 AR-1254-5

R.T.: 8.019 min
Delta R.T.: -0.002 min
Response: 261772021
Conc: 735.70 ng/ml



#30 AR-1254-5

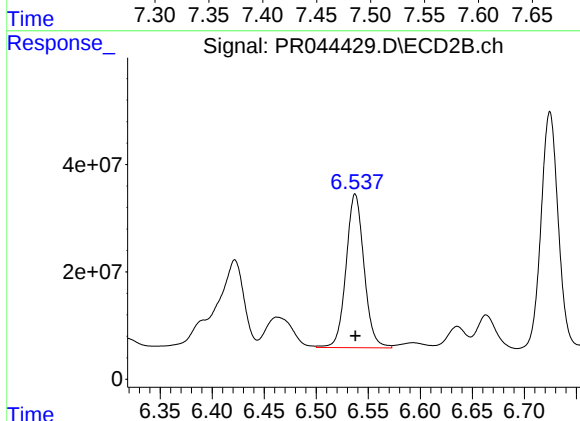
R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 359897918
Conc: 421.43 ng/ml



#31 AR-1260-1

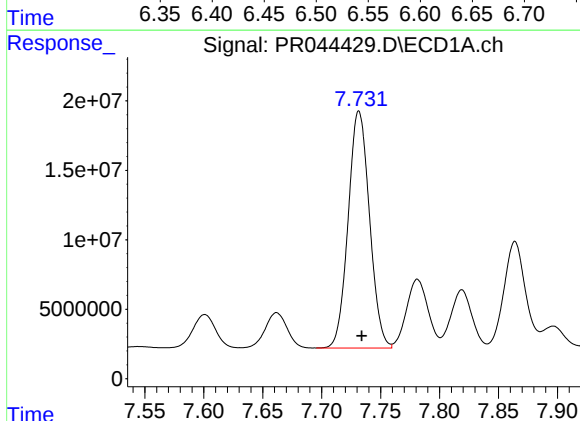
R.T.: 7.477 min
Delta R.T.: -0.003 min
Response: 180812761
Conc: 541.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



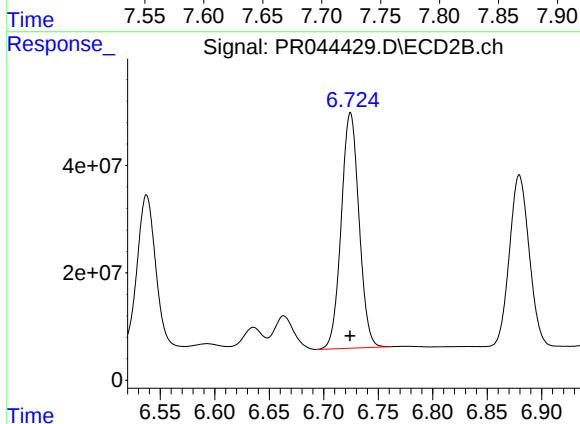
#31 AR-1260-1

R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 344388814
Conc: 505.02 ng/ml



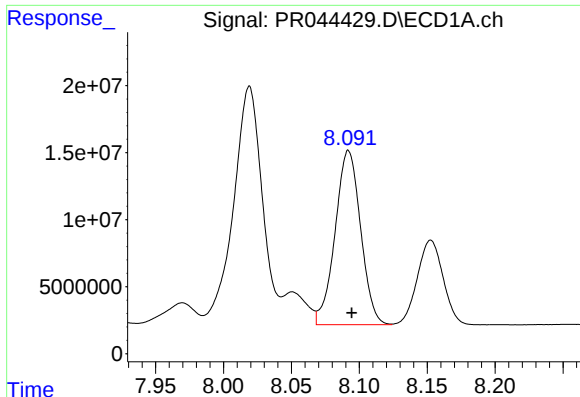
#32 AR-1260-2

R.T.: 7.732 min
Delta R.T.: -0.002 min
Response: 215124562
Conc: 526.78 ng/ml



#32 AR-1260-2

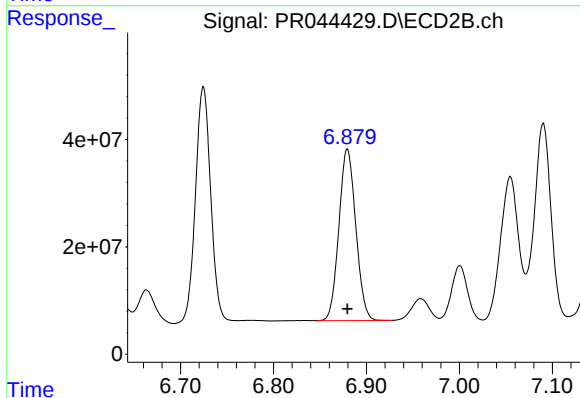
R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 498572327
Conc: 499.26 ng/ml



#33 AR-1260-3

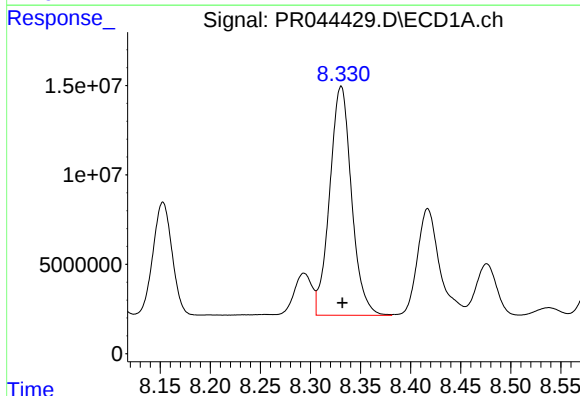
R.T.: 8.092 min
Delta R.T.: -0.002 min
Response: 169881999
Conc: 546.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



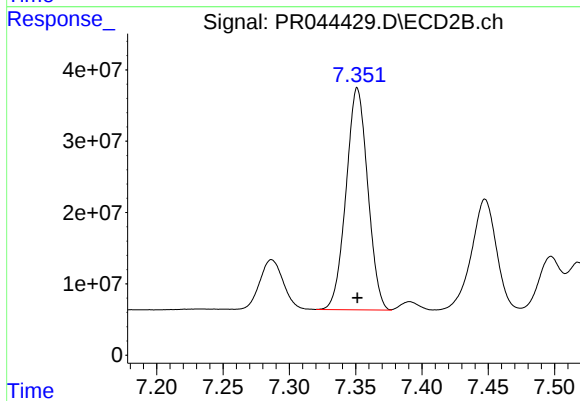
#33 AR-1260-3

R.T.: 6.879 min
Delta R.T.: 0.000 min
Response: 403585995
Conc: 497.61 ng/ml



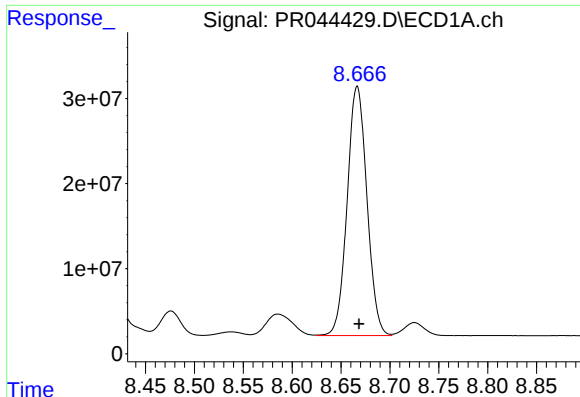
#34 AR-1260-4

R.T.: 8.331 min
Delta R.T.: -0.001 min
Response: 194416783
Conc: 532.26 ng/ml



#34 AR-1260-4

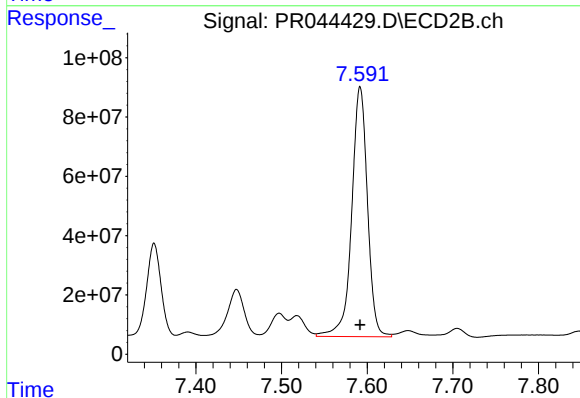
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 353995424
Conc: 490.82 ng/ml



#35 AR-1260-5

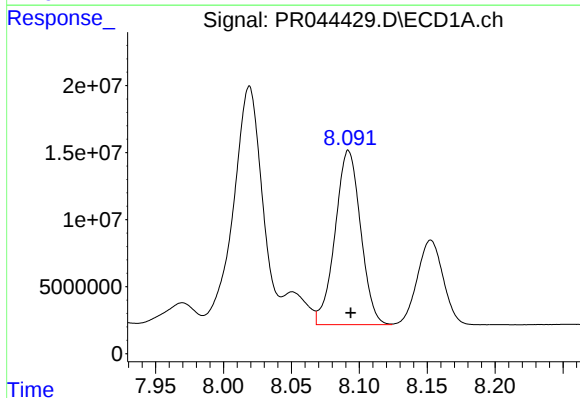
R.T.: 8.667 min
Delta R.T.: -0.002 min
Response: 412678307
Conc: 528.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



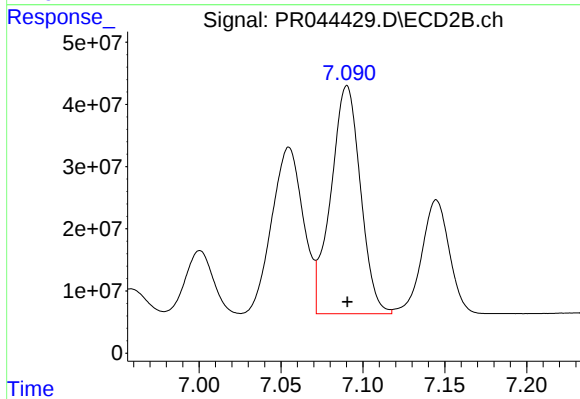
#35 AR-1260-5

R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 1076435804
Conc: 497.87 ng/ml



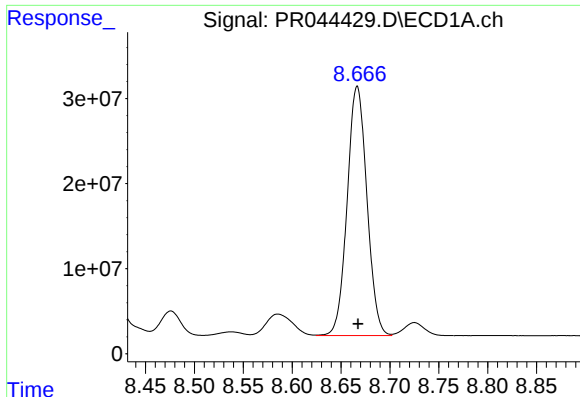
#36 AR-1262-1

R.T.: 8.092 min
Delta R.T.: -0.002 min
Response: 169881999
Conc: 383.75 ng/ml



#36 AR-1262-1

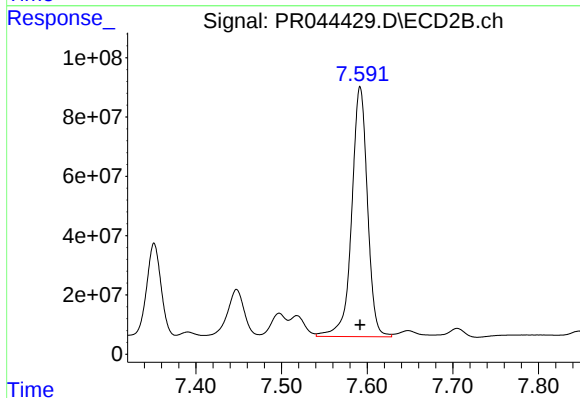
R.T.: 7.090 min
Delta R.T.: 0.000 min
Response: 461180355
Conc: 381.75 ng/ml



#37 AR-1262-2

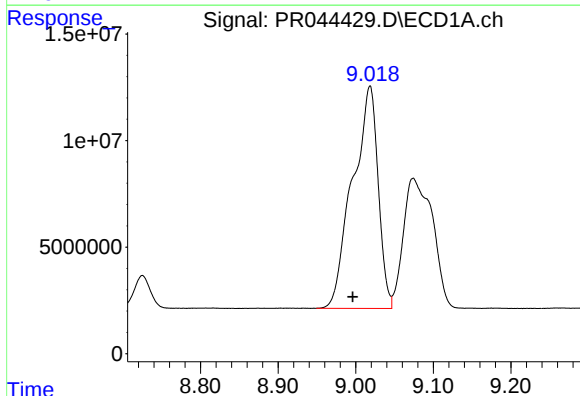
R.T.: 8.667 min
Delta R.T.: 0.000 min
Response: 412678307
Conc: 484.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



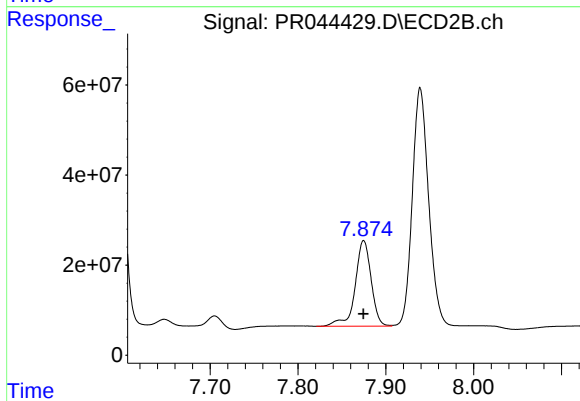
#37 AR-1262-2

R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 1076435804
Conc: 483.01 ng/ml



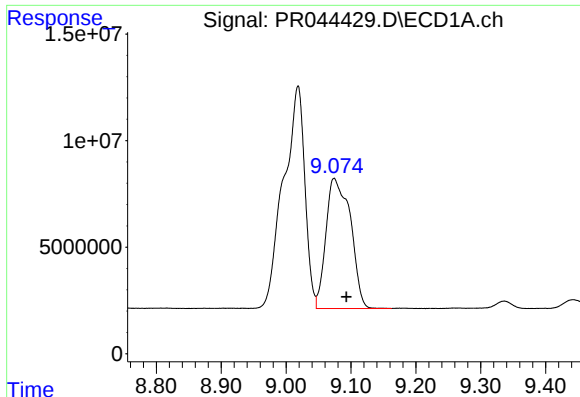
#38 AR-1262-3

R.T.: 9.018 min
Delta R.T.: 0.022 min
Response: 239002803
Conc: 433.56 ng/ml



#38 AR-1262-3

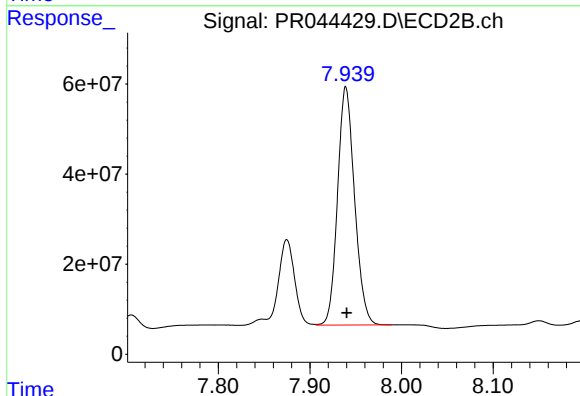
R.T.: 7.875 min
Delta R.T.: 0.000 min
Response: 240414250
Conc: 271.90 ng/ml



#39 AR-1262-4

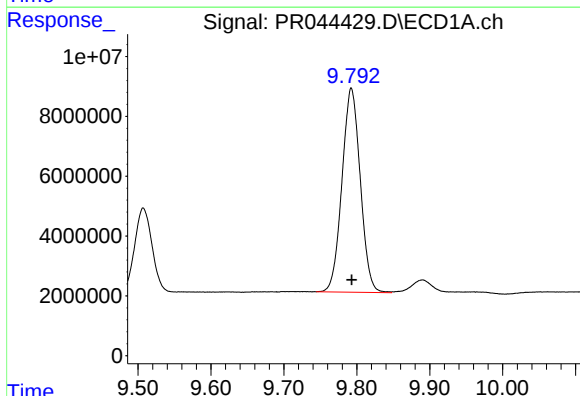
R.T.: 9.074 min
Delta R.T.: -0.019 min
Response: 160365118
Conc: 376.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



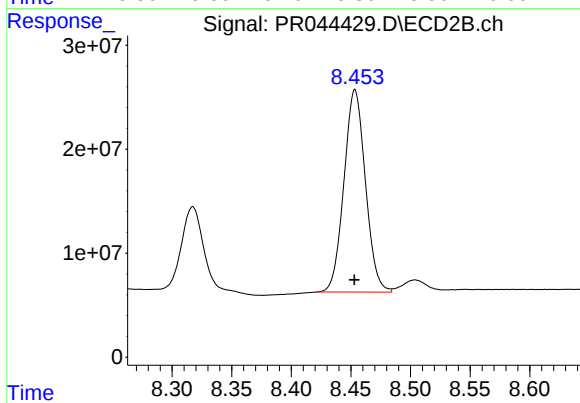
#39 AR-1262-4

R.T.: 7.939 min
Delta R.T.: -0.001 min
Response: 682733448
Conc: 464.56 ng/ml



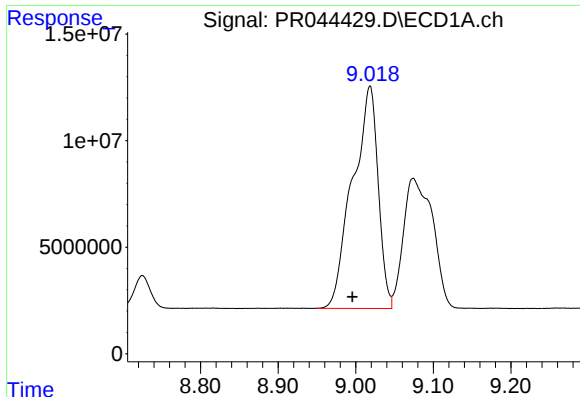
#40 AR-1262-5

R.T.: 9.793 min
Delta R.T.: 0.000 min
Response: 118837351
Conc: 384.62 ng/ml



#40 AR-1262-5

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 244042914
Conc: 357.44 ng/ml



#41 AR-1268-1

R.T.: 9.018 min
Delta R.T.: 0.023 min
Response: 239002803
Conc: 227.21 ng/ml

Instrument :
ECD_R
ClientSampleId :

#41 AR-1268-1

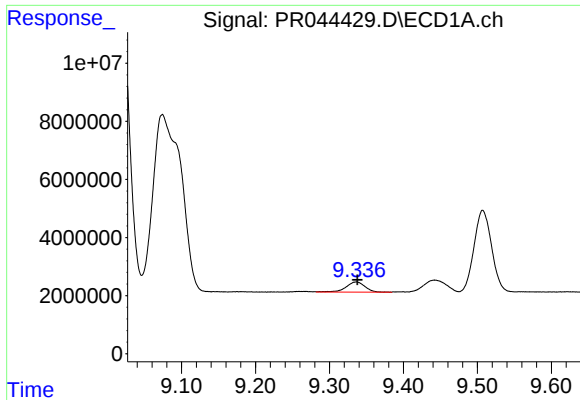
R.T.: 7.875 min
Delta R.T.: -0.001 min
Response: 240414250
Conc: 89.96 ng/ml

#42 AR-1268-2

R.T.: 9.074 min
Delta R.T.: -0.022 min
Response: 160365118
Conc: 161.84 ng/ml

#42 AR-1268-2

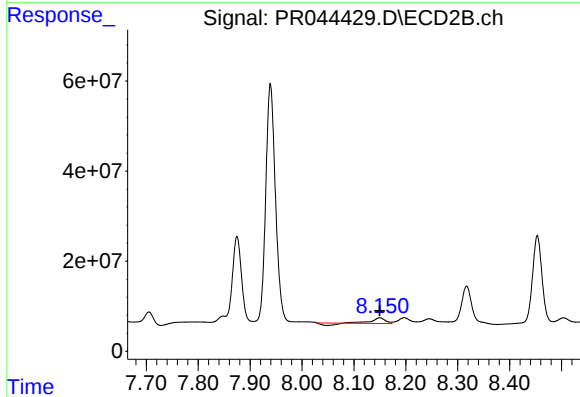
R.T.: 7.939 min
Delta R.T.: -0.002 min
Response: 682733448
Conc: 298.59 ng/ml



#43 AR-1268-3

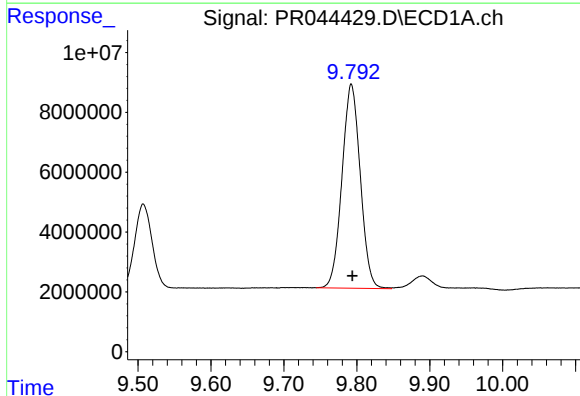
R.T.: 9.336 min
Delta R.T.: -0.002 min
Response: 6199434
Conc: 7.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



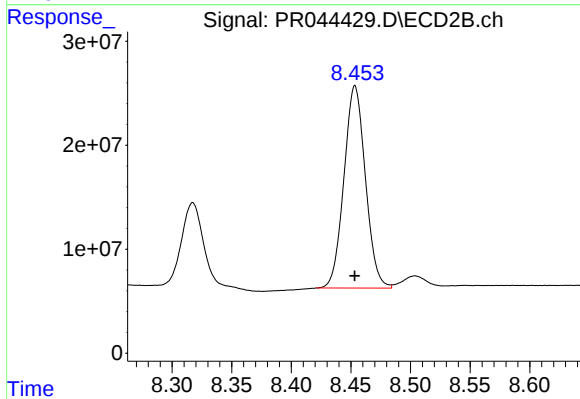
#43 AR-1268-3

R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 17602428
Conc: 9.03 ng/ml



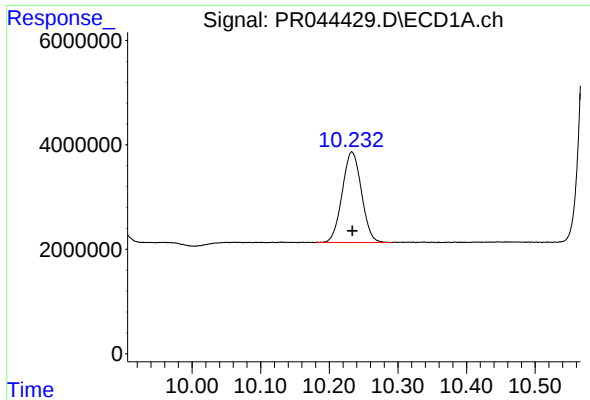
#44 AR-1268-4

R.T.: 9.793 min
Delta R.T.: -0.001 min
Response: 118837351
Conc: 335.68 ng/ml



#44 AR-1268-4

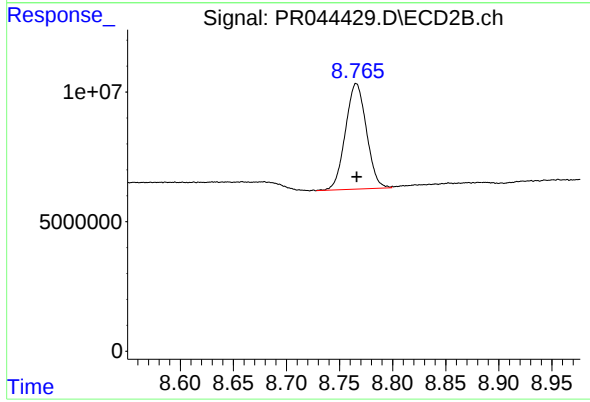
R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 244042914
Conc: 308.86 ng/ml



#45 AR-1268-5

R.T.: 10.233 min
Delta R.T.: 0.000 min
Response: 33900403
Conc: 11.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.766 min
Delta R.T.: 0.000 min
Response: 55884633
Conc: 9.97 ng/ml