

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110519\
 Data File : PR042822.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2019 17:40
 Operator : SM\AJ
 Sample : K5403-08 4X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 BFB97

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 00:38:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 02 01:05:46 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.710	3.972	23848049	74097614	4.249	3.835
2)	SA Decachlor...	10.624	9.073	45114109	96186145	12.527	8.552 #
Target Compounds							
3)	L1 AR-1016-1	5.888	5.066	190.8E6	504.6E6	1017.757	850.304
4)	L1 AR-1016-2	5.914	5.086	666.5E6	1043.9E6	2536.064	1302.798 #
5)	L1 AR-1016-3	5.985	5.267	225.9E6	297.3E6	1443.648	783.069 #
6)	L1 AR-1016-4	6.072	5.304	127.6E6	1521.4E6	980.411	5412.704 #
7)	L1 AR-1016-5	6.368	5.520	649.8E6	1110.5E6	5032.772	3501.962 #
8)	L2 AR-1221-1	0.000	4.170	0	19082314	N.D.	97.823 #
9)	L2 AR-1221-2	0.000	4.270	0	14893447	N.D.	111.020 #
10)	L2 AR-1221-3	5.150f	4.347	35579016	17968897	278.870	39.397 #
11)	L3 AR-1232-1	5.150f	4.347	35579016	17968897	322.142	45.525 #
12)	L3 AR-1232-2	5.620	5.086	265.0E6	1043.9E6	4644.992	2832.271 #
13)	L3 AR-1232-3	5.914	5.267	666.5E6	297.3E6	5811.078	1720.613 #
14)	L3 AR-1232-4	6.072	5.346	127.6E6	1890.2E6	2241.168	14145.104 #
15)	L3 AR-1232-5	6.161	5.520	834.9E6	1110.5E6	19463.274	8148.949 #
16)	L4 AR-1242-1	5.888	5.066	190.8E6	504.6E6	1300.821	1101.890
17)	L4 AR-1242-2	5.914	5.086	666.5E6	1043.9E6	3279.341	1704.572 #
18)	L4 AR-1242-3	5.985	5.267	225.9E6	297.3E6	1836.063	1018.135 #
19)	L4 AR-1242-4	6.072	5.346	127.6E6	1890.2E6	1255.412	7499.121 #
20)	L4 AR-1242-5	6.812	5.874	799.4E6	1781.7E6	7394.480	5995.836
21)	L5 AR-1248-1	5.888	5.066	190.8E6	504.6E6	1663.263	1355.239
22)	L5 AR-1248-2	6.161	5.304	834.9E6	1521.4E6	5316.543	3958.813 #
23)	L5 AR-1248-3	6.368	5.346	649.8E6	1890.2E6	3715.592	4998.837 #
24)	L5 AR-1248-4	6.773	5.520	676.1E6	1110.5E6	3411.442	2665.967
25)	L5 AR-1248-5	6.812	5.915	799.4E6	1212.0E6	4283.998	2751.092 #
26)	L6 AR-1254-1	6.746	5.874	621.0E6	1781.7E6	3228.041	2853.640
27)	L6 AR-1254-2	6.965	6.021	1075.1E6	1150.0E6	3645.358	2047.231 #
28)	L6 AR-1254-3	7.334	6.428	892.8E6	2073.4E6	2897.007	2122.997 #
29)	L6 AR-1254-4	7.619	6.655	577.6E6	1325.3E6	2556.638	1854.516 #
30)	L6 AR-1254-5	8.039	7.074	669.3E6	1564.5E6	2865.638	1892.020 #
31)	L7 AR-1260-1	7.496	6.557	340.9E6	1056.3E6	1518.901	1612.774
32)	L7 AR-1260-2	7.750	6.744	493.4E6	1043.4E6	1859.829	1142.564 #
33)	L7 AR-1260-3	8.111	6.899	135.6E6	810.3E6	683.741	1056.650 #
34)	L7 AR-1260-4	8.345	7.373	299.8E6	287.8E6	1311.652	454.855 #
35)	L7 AR-1260-5	8.689	7.613	334.0E6	1141.5E6	729.196	646.135
36)	L8 AR-1262-1	8.172	7.074	69668810	1564.5E6	609.890	3320.332 #
37)	L8 AR-1262-2	8.689	7.613	334.0E6	1141.5E6	641.151	592.018
38)	L8 AR-1262-3	9.041	7.899	211.9E6	169.3E6	636.637	228.293 #
39)	L8 AR-1262-4	9.096	7.962	98394165	657.8E6	401.603	509.602 #
40)	L8 AR-1262-5	9.819	8.478	61726163	186.2E6	365.166	315.383
41)	L9 AR-1268-1	9.041	7.899	211.9E6	169.3E6	362.336	76.425 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110519\
 Data File : PR042822.D
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 Acq On : 04 Nov 2019 17:40
 Operator : SM\AJ
 Sample : K5403-08 4X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

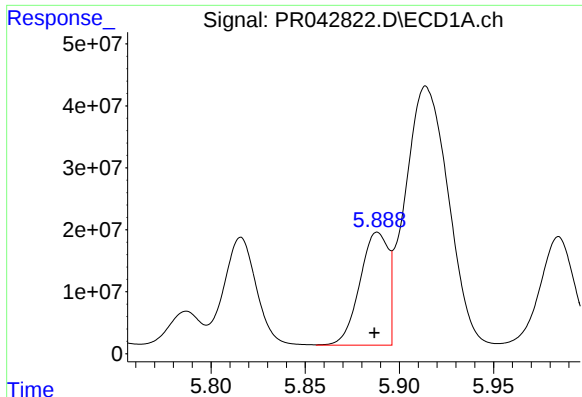
Instrument :
 ECD_R
 ClientSampleId :
 BFB97

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 00:38:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110219CLP.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.096	7.962	98394165	657.8E6	186.462	336.896 #
43) L9	AR-1268-3	9.362	8.175	12266503	42289807	28.384	25.509
44) L9	AR-1268-4	9.819	8.478	61726163	186.2E6	327.278	280.791
45) L9	AR-1268-5	10.263	8.794	42381017	113.5E6	30.087	24.094

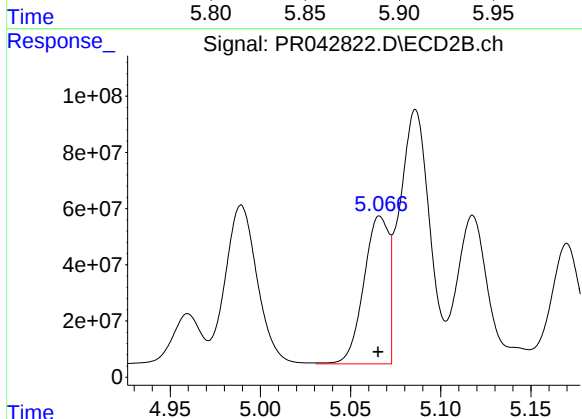
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

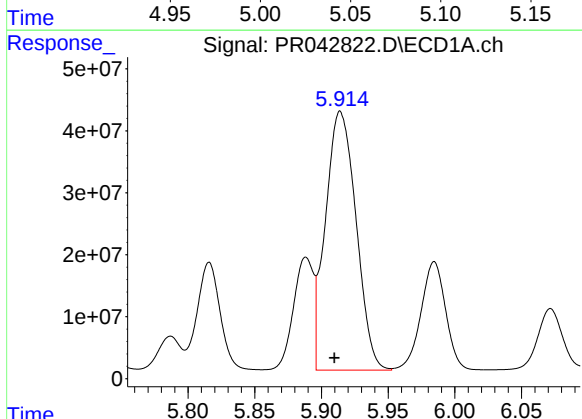
R.T.: 5.888 min
Delta R.T.: 0.002 min
Response: 190786376
Conc: 1017.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFB97



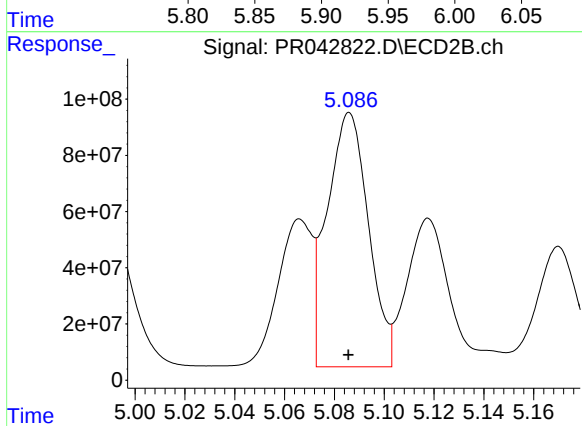
#3 AR-1016-1

R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 504631485
Conc: 850.30 ng/ml



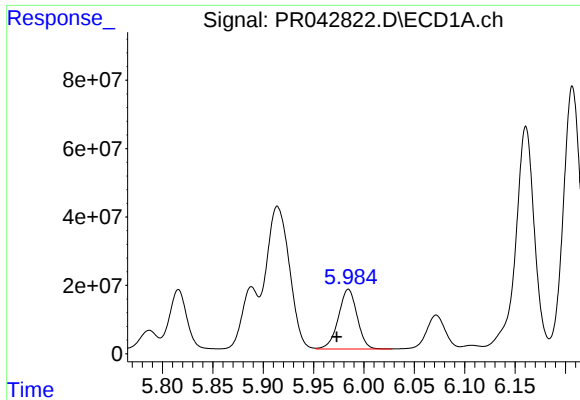
#4 AR-1016-2

R.T.: 5.914 min
Delta R.T.: 0.004 min
Response: 666548451
Conc: 2536.06 ng/ml



#4 AR-1016-2

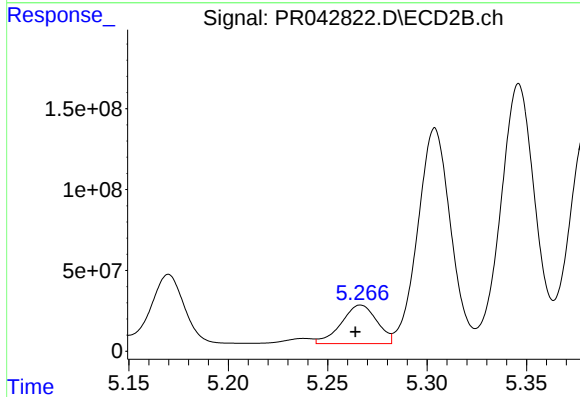
R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 1043856801
Conc: 1302.80 ng/ml



#5 AR-1016-3

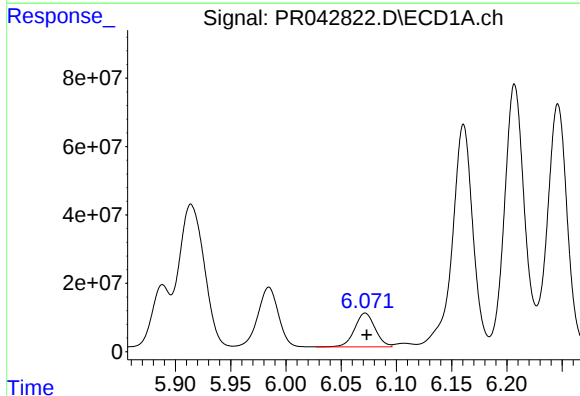
R.T.: 5.985 min
Delta R.T.: 0.012 min
Response: 225855684
Conc: 1443.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFB97



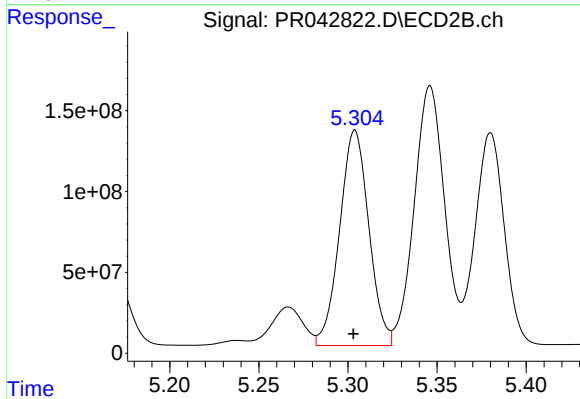
#5 AR-1016-3

R.T.: 5.267 min
Delta R.T.: 0.003 min
Response: 297334167
Conc: 783.07 ng/ml



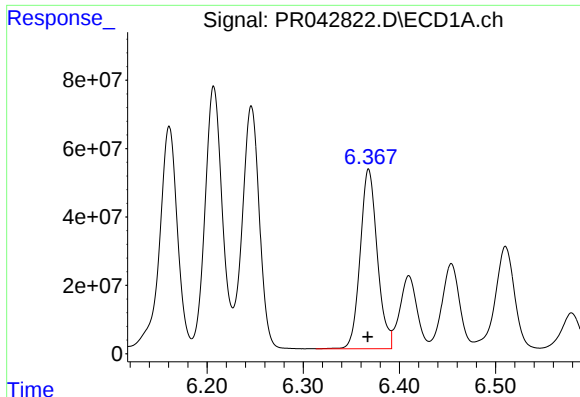
#6 AR-1016-4

R.T.: 6.072 min
Delta R.T.: -0.001 min
Response: 127646102
Conc: 980.41 ng/ml



#6 AR-1016-4

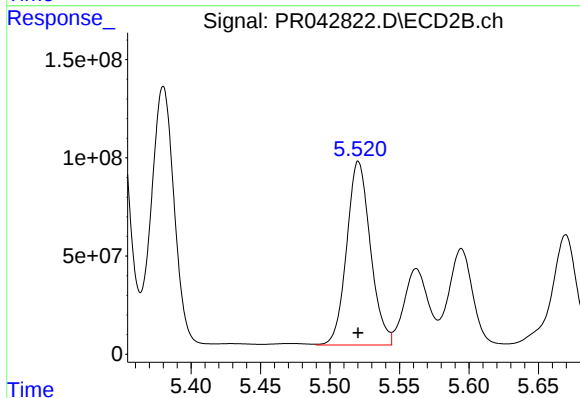
R.T.: 5.304 min
Delta R.T.: 0.000 min
Response: 1521365041
Conc: 5412.70 ng/ml



#7 AR-1016-5

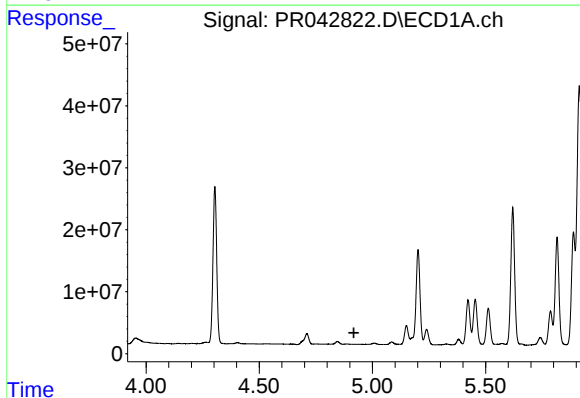
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 649841764
Conc: 5032.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFB97



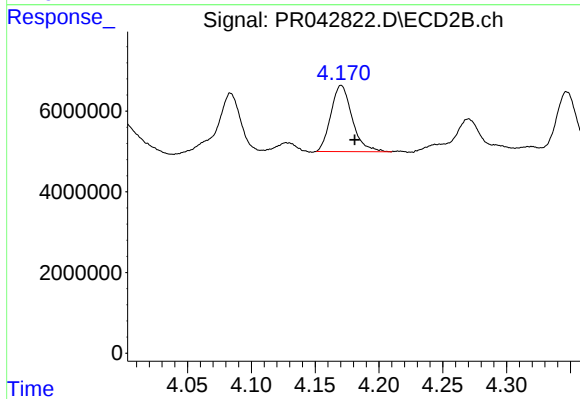
#7 AR-1016-5

R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 1110494959
Conc: 3501.96 ng/ml



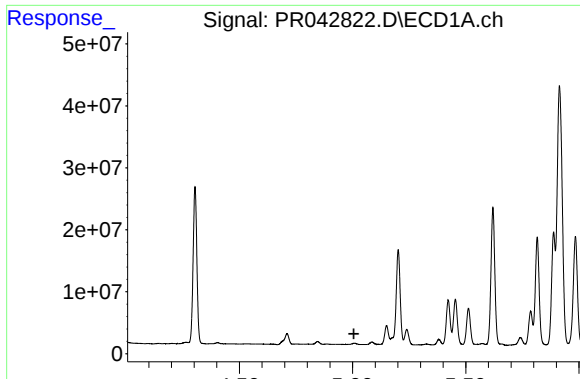
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.918 min
Response: 0
Conc: N.D.



#8 AR-1221-1

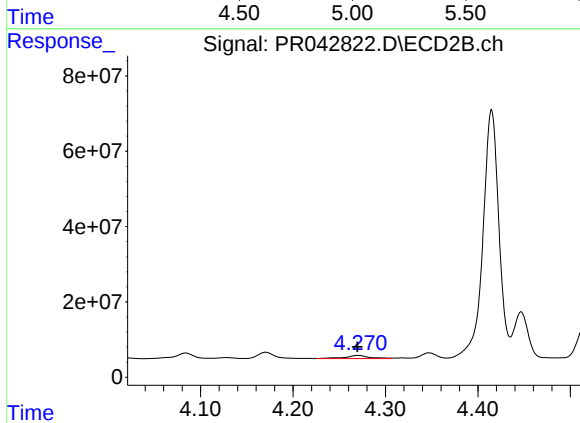
R.T.: 4.170 min
Delta R.T.: -0.011 min
Response: 19082314
Conc: 97.82 ng/ml



#9 AR-1221-2

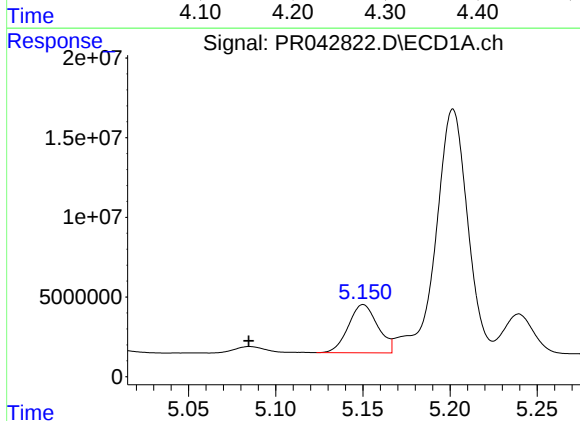
R.T.: 0.000 min
Exp R.T.: 5.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
BFB97



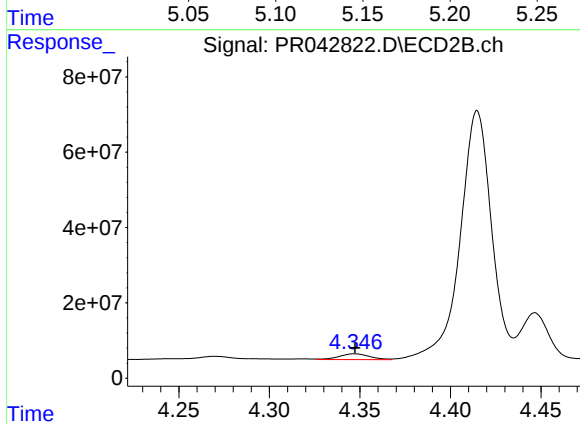
#9 AR-1221-2

R.T.: 4.270 min
Delta R.T.: 0.000 min
Response: 14893447
Conc: 111.02 ng/ml



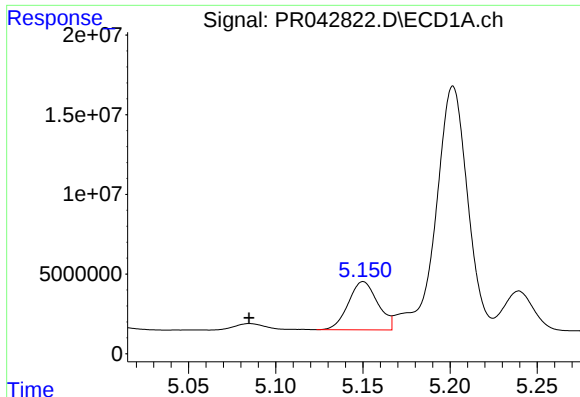
#10 AR-1221-3

R.T.: 5.150 min
Delta R.T.: 0.066 min
Response: 35579016
Conc: 278.87 ng/ml



#10 AR-1221-3

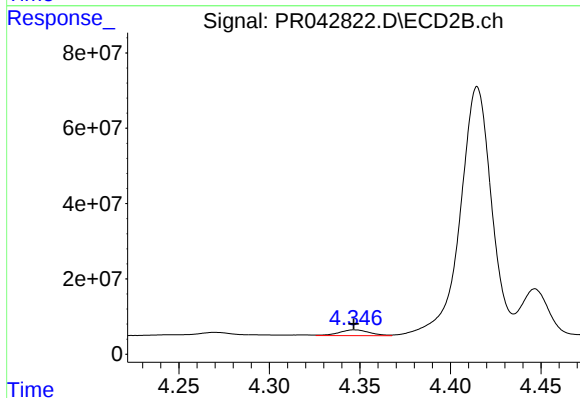
R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 17968897
Conc: 39.40 ng/ml



#11 AR-1232-1

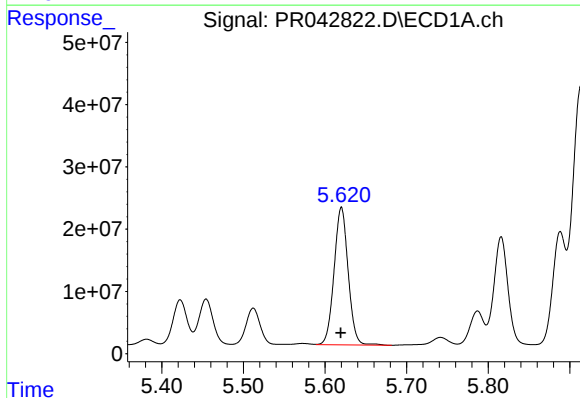
R.T.: 5.150 min
Delta R.T.: 0.065 min
Response: 35579016
Conc: 322.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFB97



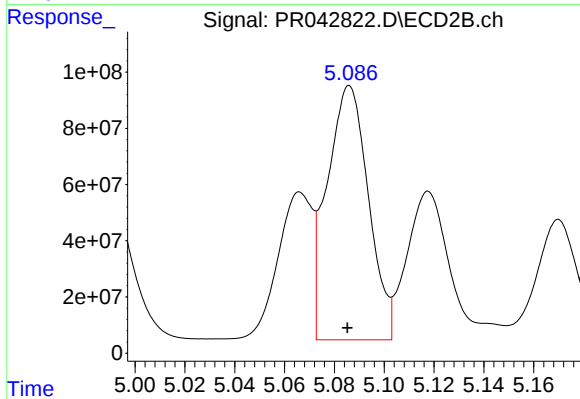
#11 AR-1232-1

R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 17968897
Conc: 45.52 ng/ml



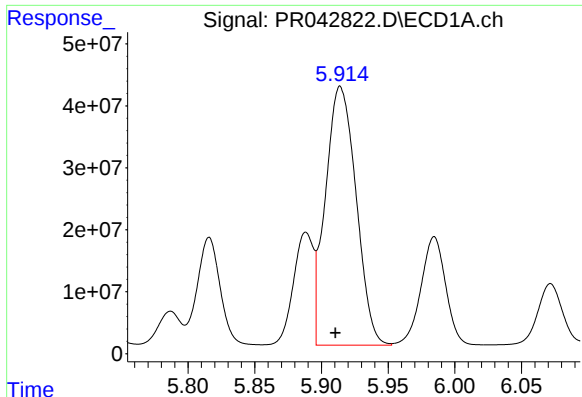
#12 AR-1232-2

R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 264980009
Conc: 4644.99 ng/ml



#12 AR-1232-2

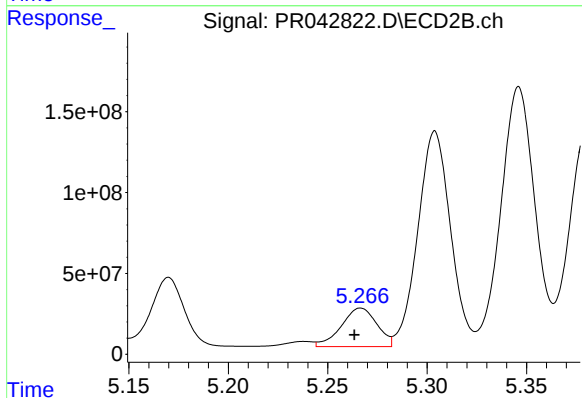
R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 1043856801
Conc: 2832.27 ng/ml



#13 AR-1232-3

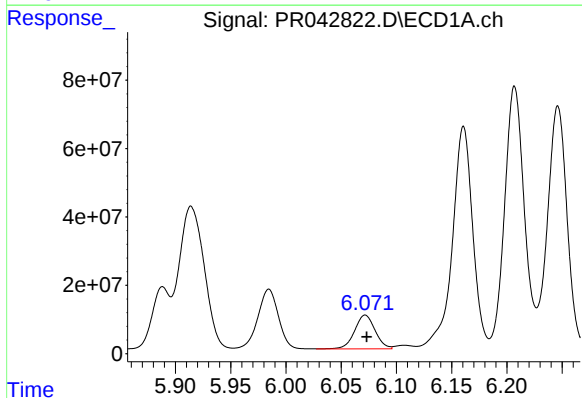
R.T.: 5.914 min
Delta R.T.: 0.004 min
Response: 666548451
Conc: 5811.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFB97



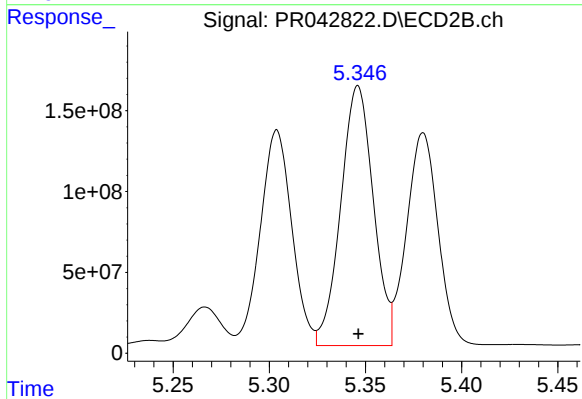
#13 AR-1232-3

R.T.: 5.267 min
Delta R.T.: 0.003 min
Response: 297334167
Conc: 1720.61 ng/ml



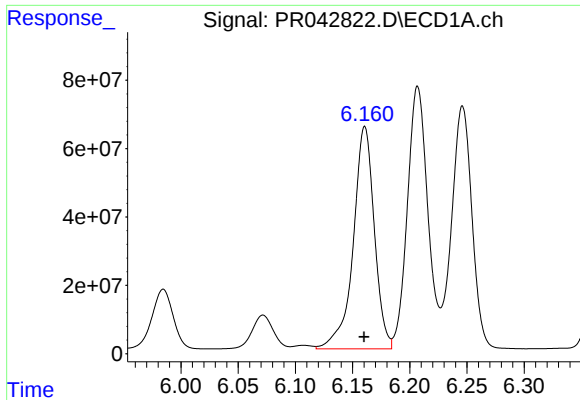
#14 AR-1232-4

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 127646102
Conc: 2241.17 ng/ml



#14 AR-1232-4

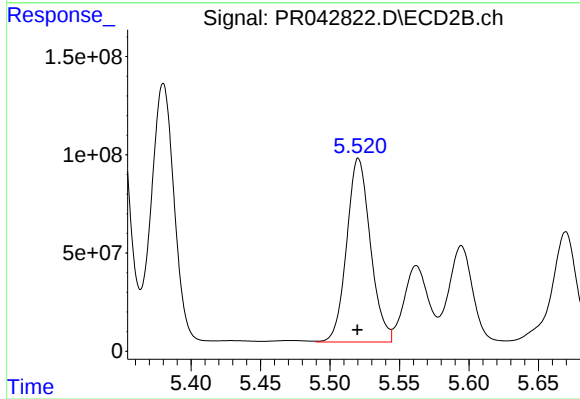
R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 1890213016
Conc: 14145.10 ng/ml



#15 AR-1232-5

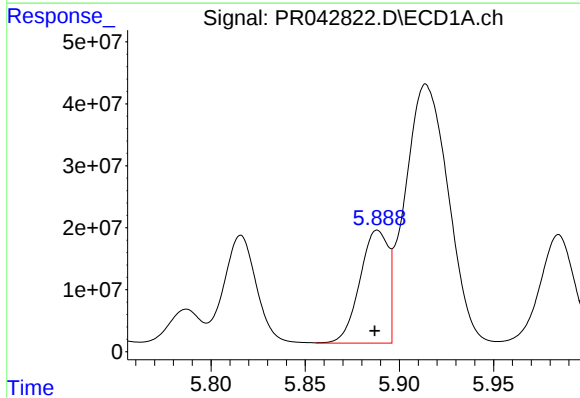
R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 834857632
Conc: 19463.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFB97



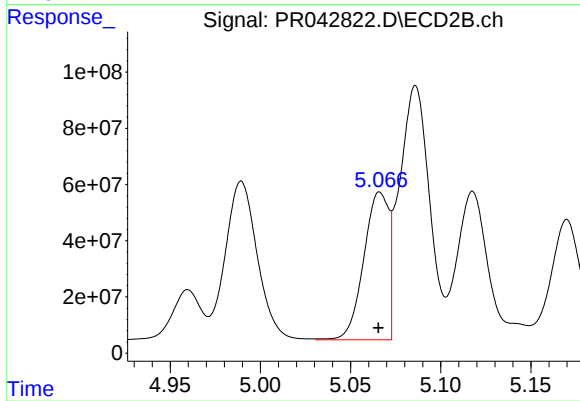
#15 AR-1232-5

R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 1110494959
Conc: 8148.95 ng/ml



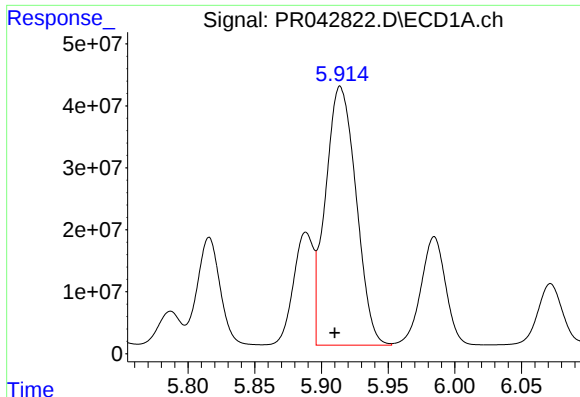
#16 AR-1242-1

R.T.: 5.888 min
Delta R.T.: 0.001 min
Response: 190786376
Conc: 1300.82 ng/ml



#16 AR-1242-1

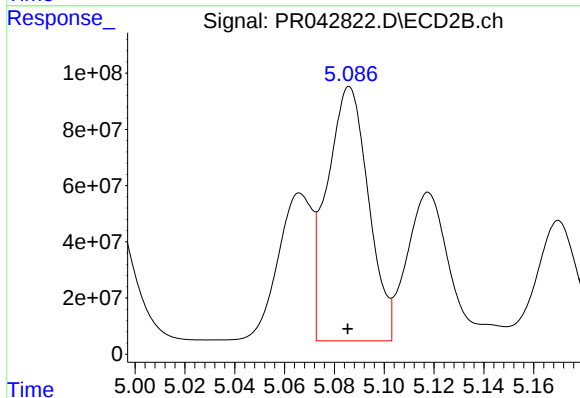
R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 504631485
Conc: 1101.89 ng/ml



#17 AR-1242-2

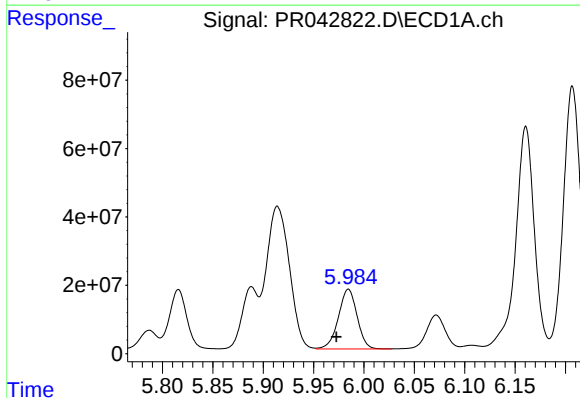
R.T.: 5.914 min
Delta R.T.: 0.004 min
Response: 666548451
Conc: 3279.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFB97



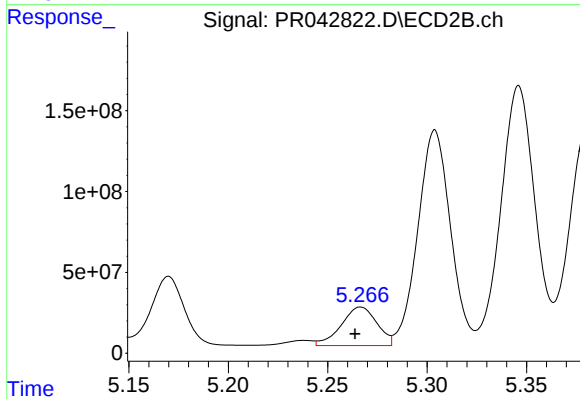
#17 AR-1242-2

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 1043856801
Conc: 1704.57 ng/ml



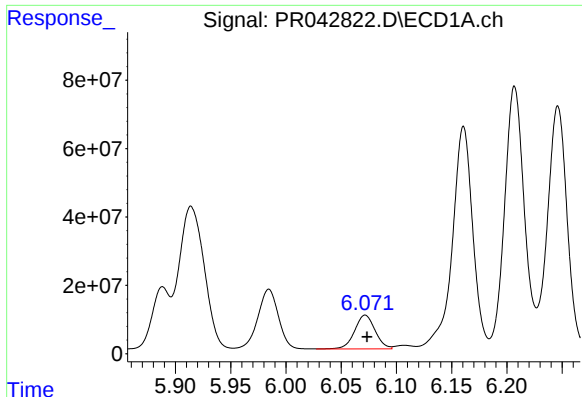
#18 AR-1242-3

R.T.: 5.985 min
Delta R.T.: 0.012 min
Response: 225855684
Conc: 1836.06 ng/ml



#18 AR-1242-3

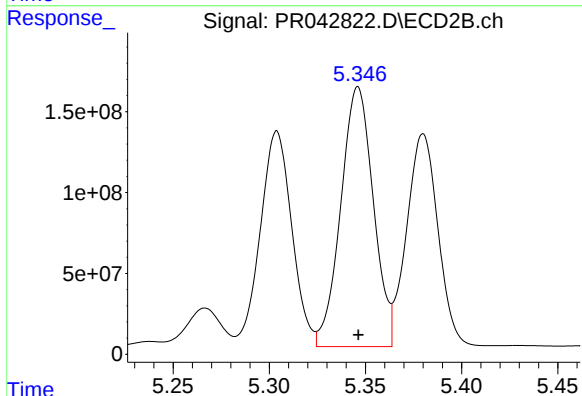
R.T.: 5.267 min
Delta R.T.: 0.003 min
Response: 297334167
Conc: 1018.13 ng/ml



#19 AR-1242-4

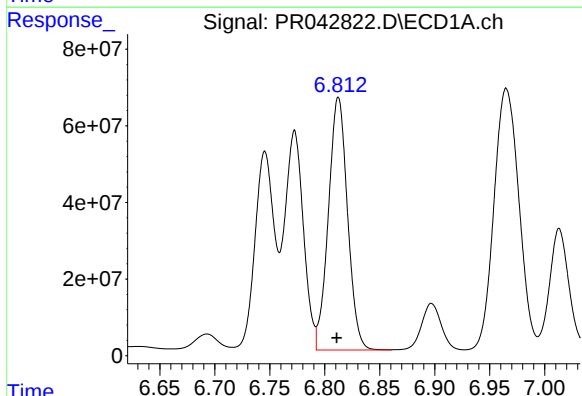
R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 127646102
Conc: 1255.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFB97



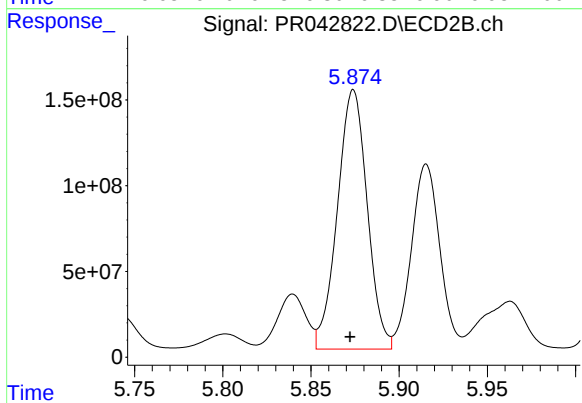
#19 AR-1242-4

R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 1890213016
Conc: 7499.12 ng/ml



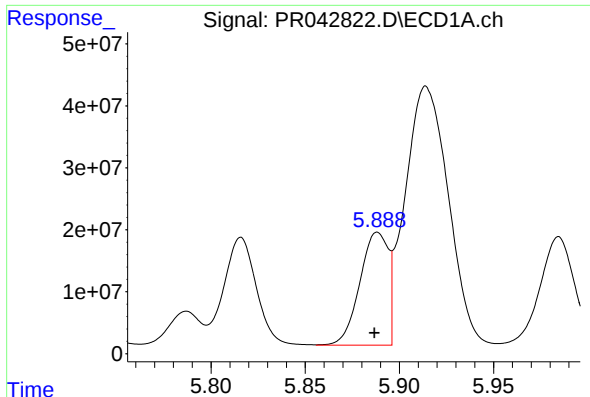
#20 AR-1242-5

R.T.: 6.812 min
Delta R.T.: 0.002 min
Response: 799366901
Conc: 7394.48 ng/ml



#20 AR-1242-5

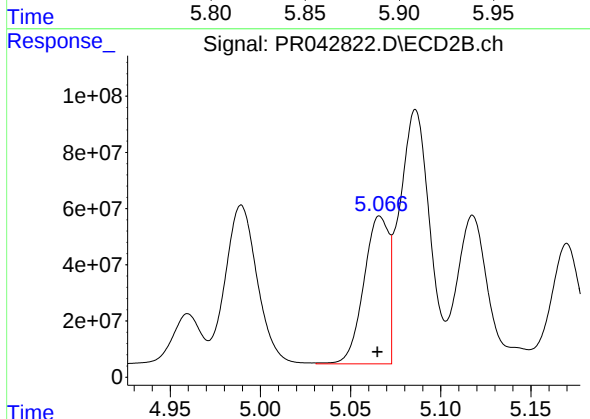
R.T.: 5.874 min
Delta R.T.: 0.002 min
Response: 1781699463
Conc: 5995.84 ng/ml



#21 AR-1248-1

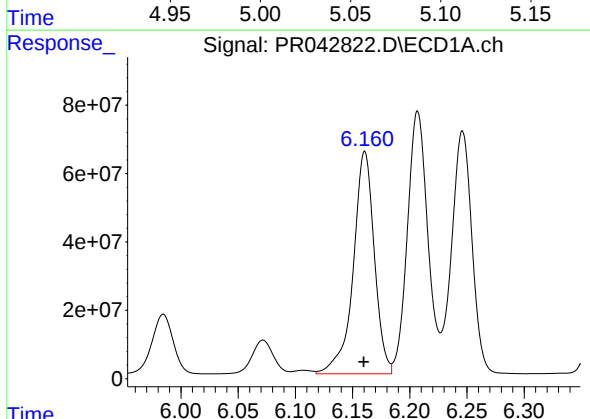
R.T.: 5.888 min
Delta R.T.: 0.002 min
Response: 190786376
Conc: 1663.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFB97



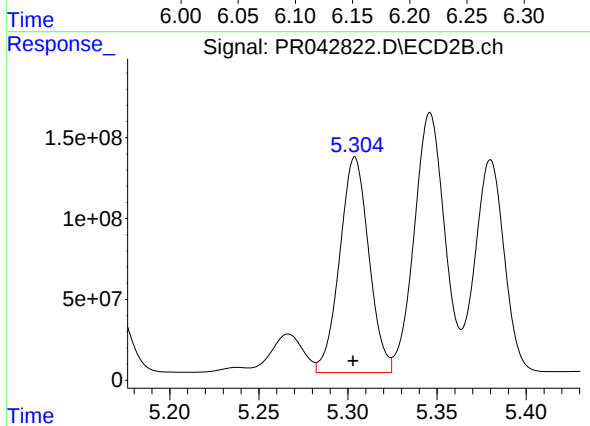
#21 AR-1248-1

R.T.: 5.066 min
Delta R.T.: 0.001 min
Response: 504631485
Conc: 1355.24 ng/ml



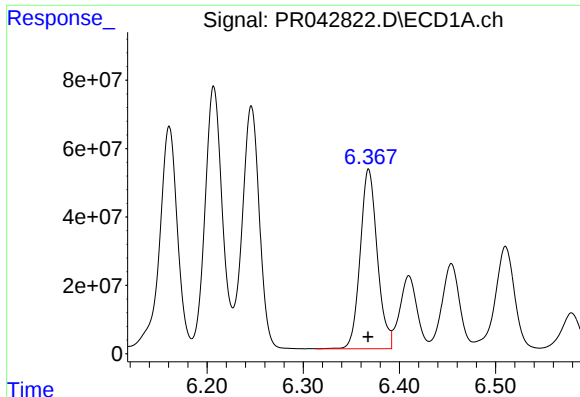
#22 AR-1248-2

R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 834857632
Conc: 5316.54 ng/ml



#22 AR-1248-2

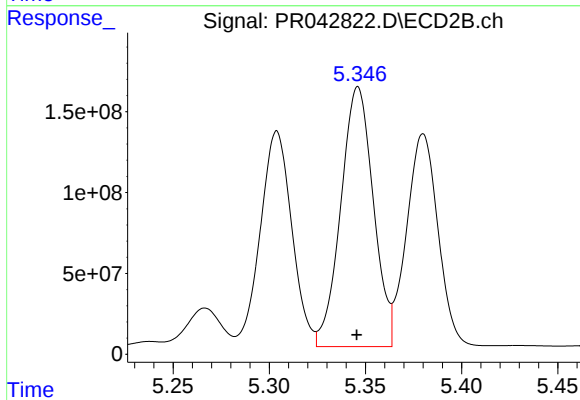
R.T.: 5.304 min
Delta R.T.: 0.000 min
Response: 1521365041
Conc: 3958.81 ng/ml



#23 AR-1248-3

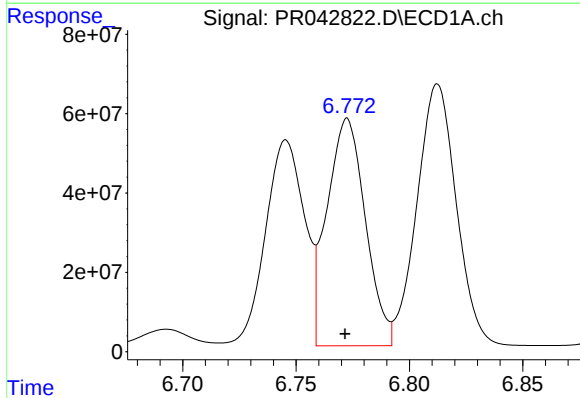
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 649841764
Conc: 3715.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFB97



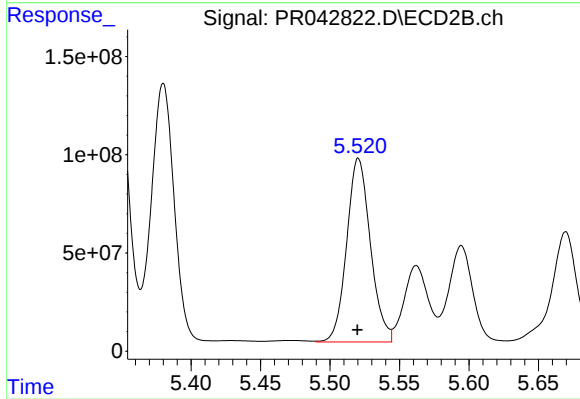
#23 AR-1248-3

R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 1890213016
Conc: 4998.84 ng/ml



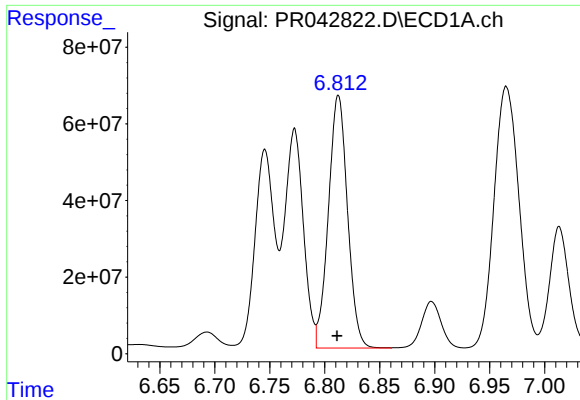
#24 AR-1248-4

R.T.: 6.773 min
Delta R.T.: 0.001 min
Response: 676102459
Conc: 3411.44 ng/ml



#24 AR-1248-4

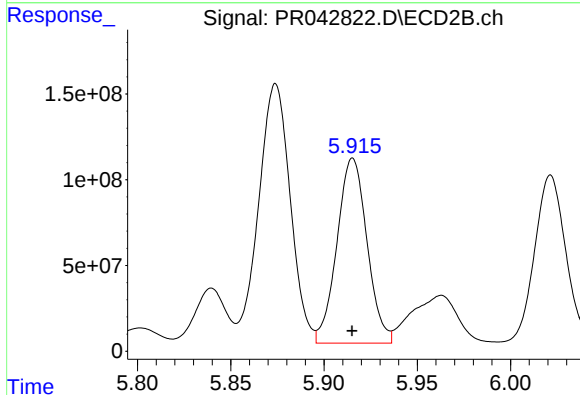
R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 1110494959
Conc: 2665.97 ng/ml



#25 AR-1248-5

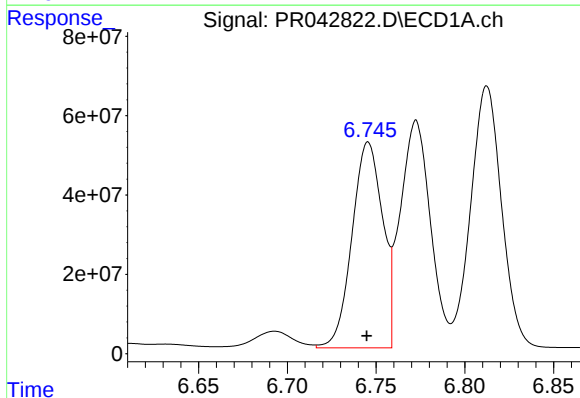
R.T.: 6.812 min
Delta R.T.: 0.001 min
Response: 799366901
Conc: 4284.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFB97



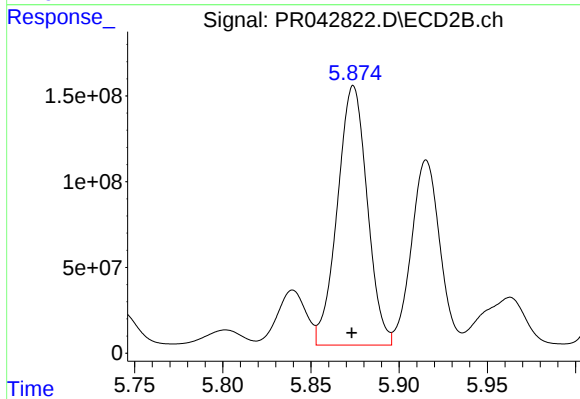
#25 AR-1248-5

R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 1212039969
Conc: 2751.09 ng/ml



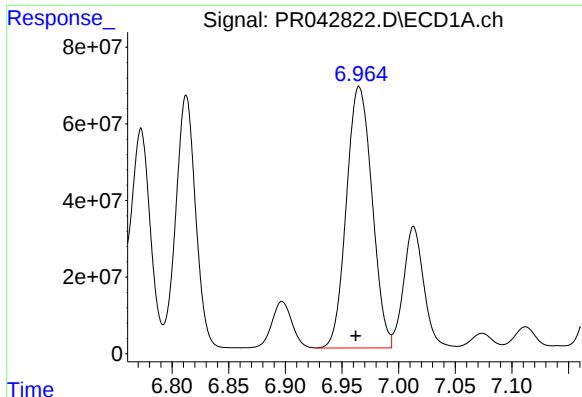
#26 AR-1254-1

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 620959964
Conc: 3228.04 ng/ml



#26 AR-1254-1

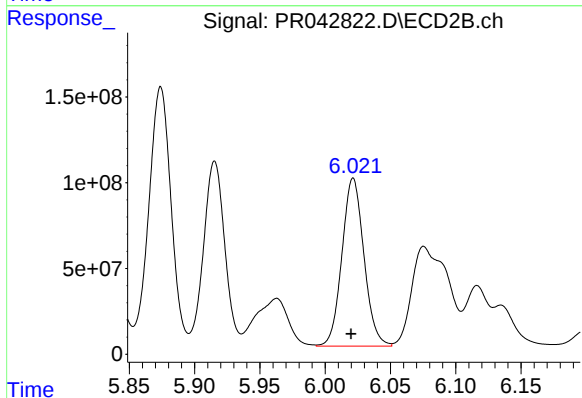
R.T.: 5.874 min
Delta R.T.: 0.001 min
Response: 1781699463
Conc: 2853.64 ng/ml



#27 AR-1254-2

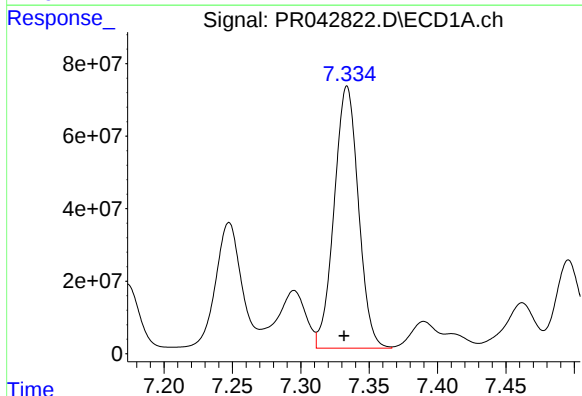
R.T.: 6.965 min
Delta R.T.: 0.003 min
Response: 1075099706
Conc: 3645.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFB97



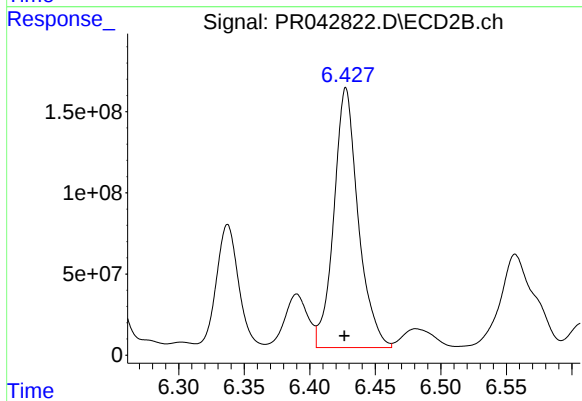
#27 AR-1254-2

R.T.: 6.021 min
Delta R.T.: 0.002 min
Response: 1149957499
Conc: 2047.23 ng/ml



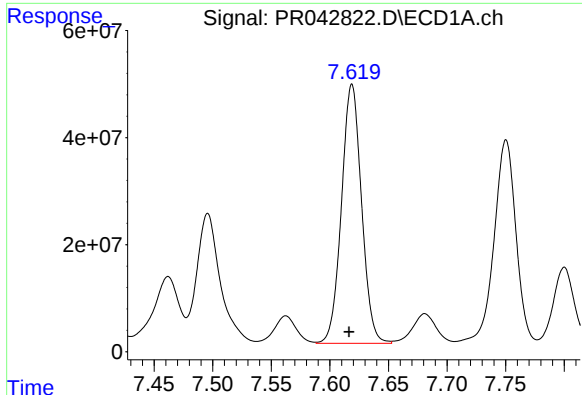
#28 AR-1254-3

R.T.: 7.334 min
Delta R.T.: 0.002 min
Response: 892813685
Conc: 2897.01 ng/ml



#28 AR-1254-3

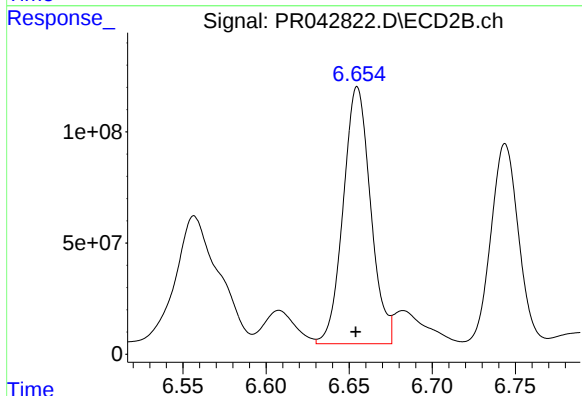
R.T.: 6.428 min
Delta R.T.: 0.001 min
Response: 2073379845
Conc: 2123.00 ng/ml



#29 AR-1254-4

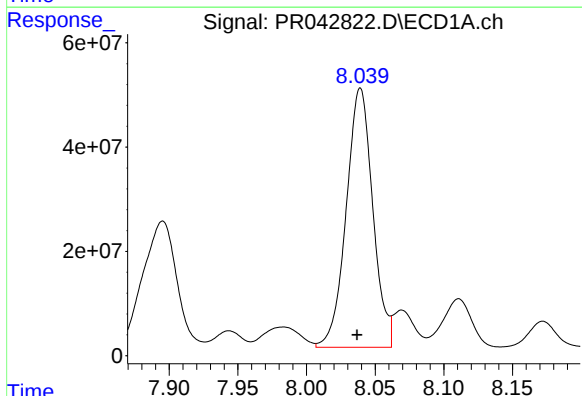
R.T.: 7.619 min
Delta R.T.: 0.003 min
Response: 577555066
Conc: 2556.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFB97



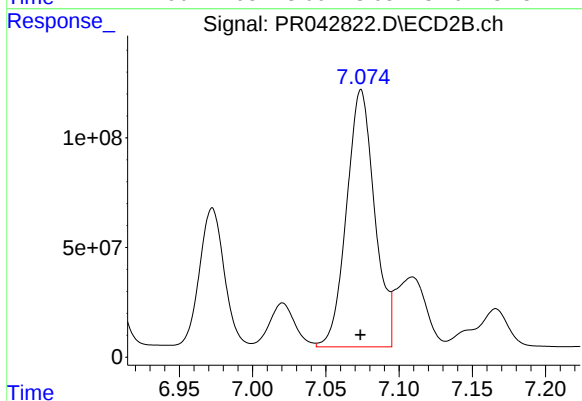
#29 AR-1254-4

R.T.: 6.655 min
Delta R.T.: 0.000 min
Response: 1325266826
Conc: 1854.52 ng/ml



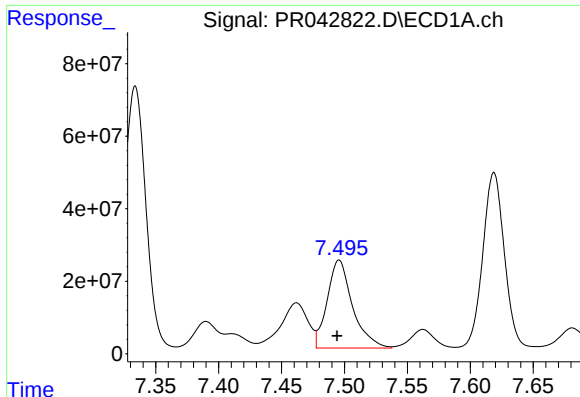
#30 AR-1254-5

R.T.: 8.039 min
Delta R.T.: 0.002 min
Response: 669340107
Conc: 2865.64 ng/ml



#30 AR-1254-5

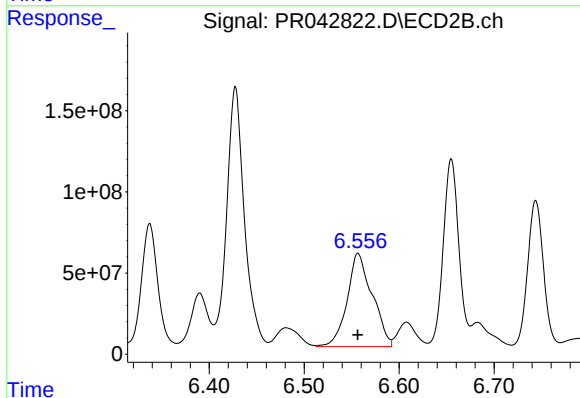
R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 1564505696
Conc: 1892.02 ng/ml



#31 AR-1260-1

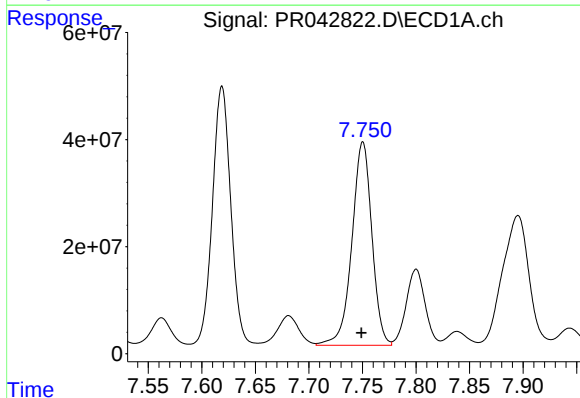
R.T.: 7.496 min
Delta R.T.: 0.002 min
Response: 340916339
Conc: 1518.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFB97



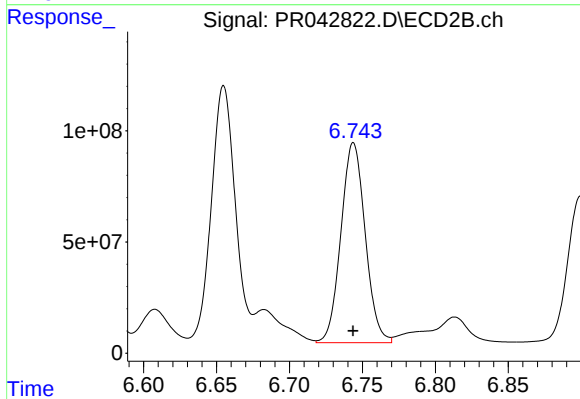
#31 AR-1260-1

R.T.: 6.557 min
Delta R.T.: 0.000 min
Response: 1056306091
Conc: 1612.77 ng/ml



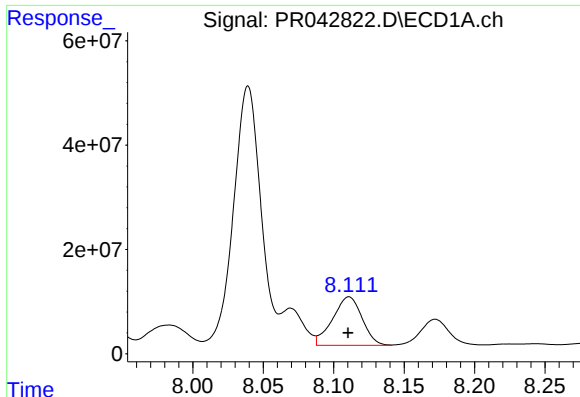
#32 AR-1260-2

R.T.: 7.750 min
Delta R.T.: 0.001 min
Response: 493364451
Conc: 1859.83 ng/ml



#32 AR-1260-2

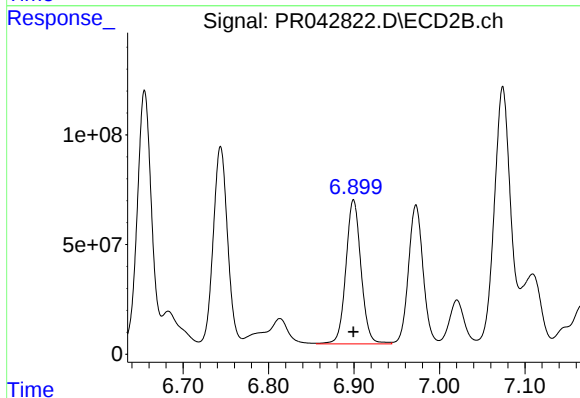
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 1043361405
Conc: 1142.56 ng/ml



#33 AR-1260-3

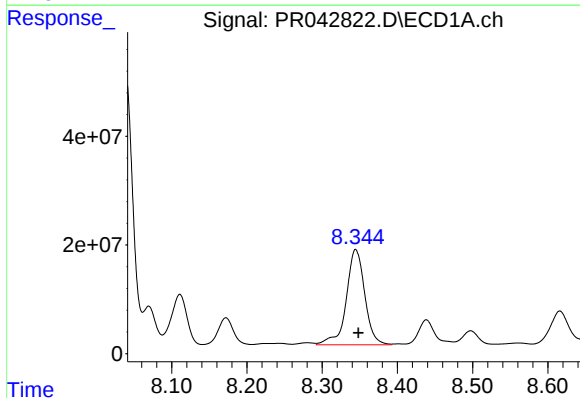
R.T.: 8.111 min
Delta R.T.: 0.000 min
Response: 135578887
Conc: 683.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFB97



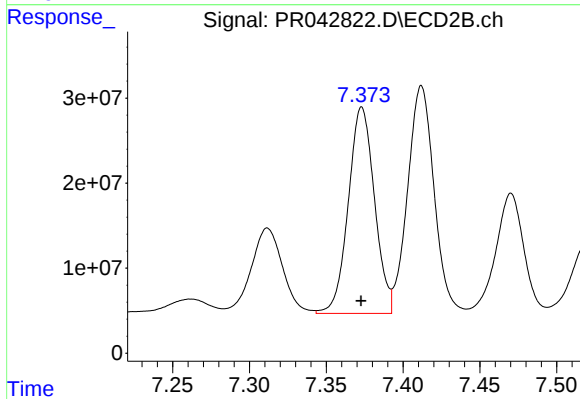
#33 AR-1260-3

R.T.: 6.899 min
Delta R.T.: 0.000 min
Response: 810322644
Conc: 1056.65 ng/ml



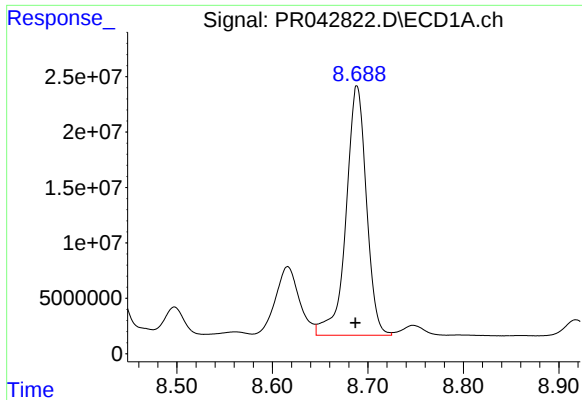
#34 AR-1260-4

R.T.: 8.345 min
Delta R.T.: -0.004 min
Response: 299842415
Conc: 1311.65 ng/ml



#34 AR-1260-4

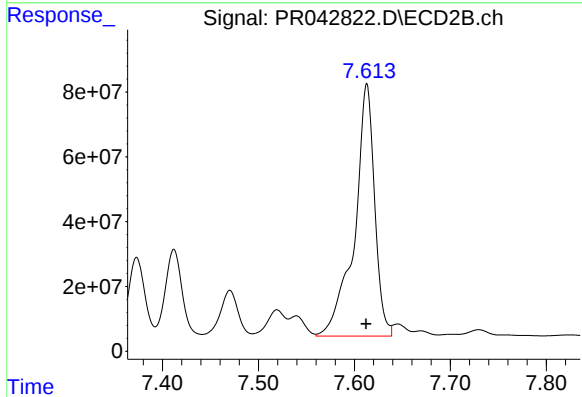
R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 287792397
Conc: 454.85 ng/ml



#35 AR-1260-5

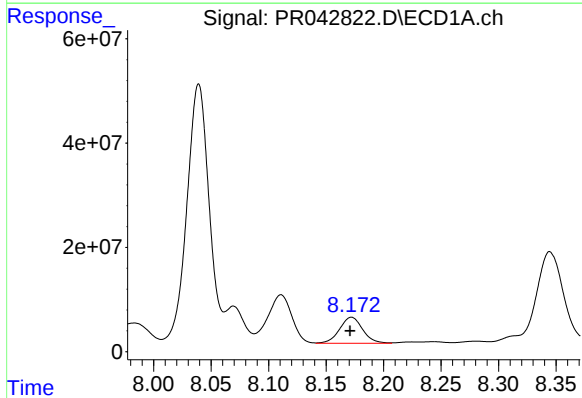
R.T.: 8.689 min
Delta R.T.: 0.002 min
Response: 333980637
Conc: 729.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFB97



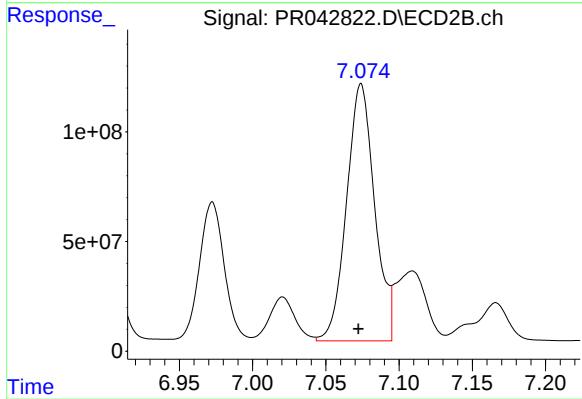
#35 AR-1260-5

R.T.: 7.613 min
Delta R.T.: 0.000 min
Response: 1141457307
Conc: 646.14 ng/ml



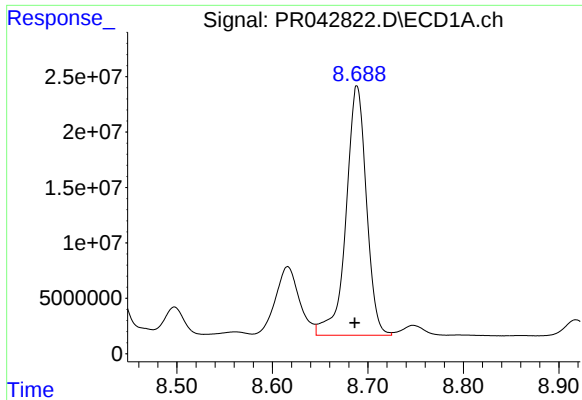
#36 AR-1262-1

R.T.: 8.172 min
Delta R.T.: 0.001 min
Response: 69668810
Conc: 609.89 ng/ml



#36 AR-1262-1

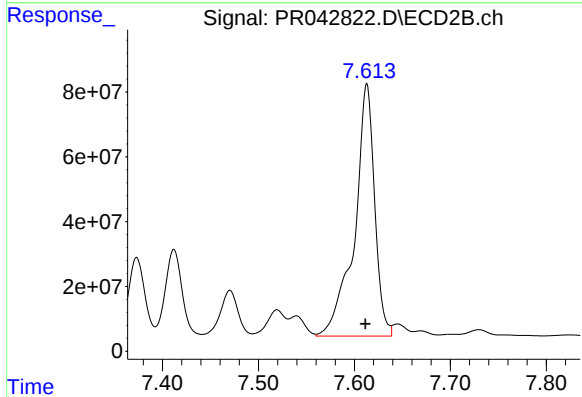
R.T.: 7.074 min
Delta R.T.: 0.002 min
Response: 1564505696
Conc: 3320.33 ng/ml



#37 AR-1262-2

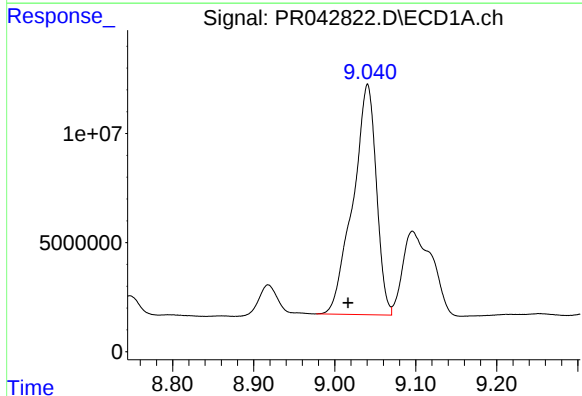
R.T.: 8.689 min
Delta R.T.: 0.002 min
Response: 333980637
Conc: 641.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFB97



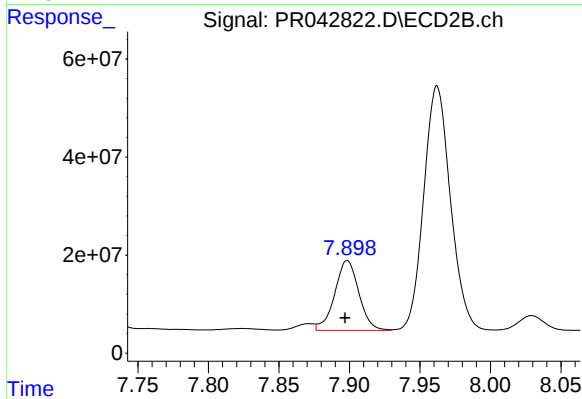
#37 AR-1262-2

R.T.: 7.613 min
Delta R.T.: 0.001 min
Response: 1141457307
Conc: 592.02 ng/ml



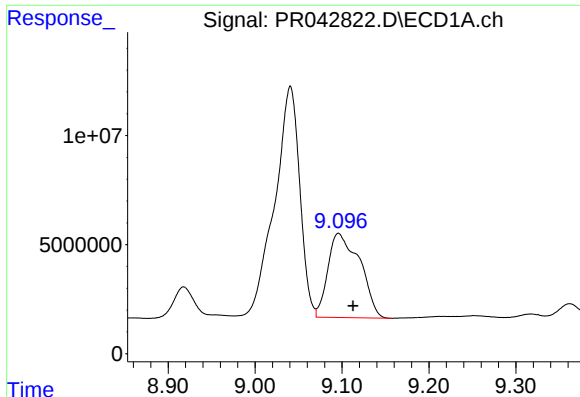
#38 AR-1262-3

R.T.: 9.041 min
Delta R.T.: 0.024 min
Response: 211872182
Conc: 636.64 ng/ml



#38 AR-1262-3

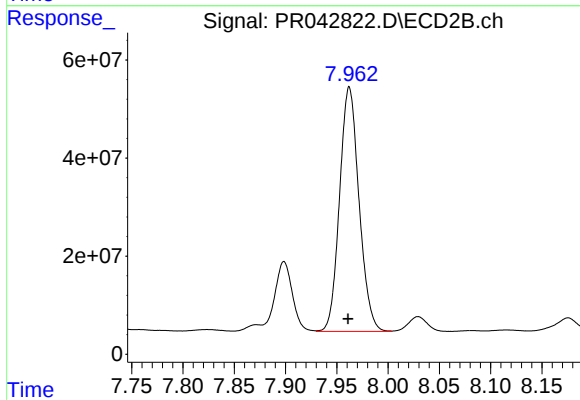
R.T.: 7.899 min
Delta R.T.: 0.002 min
Response: 169325832
Conc: 228.29 ng/ml



#39 AR-1262-4

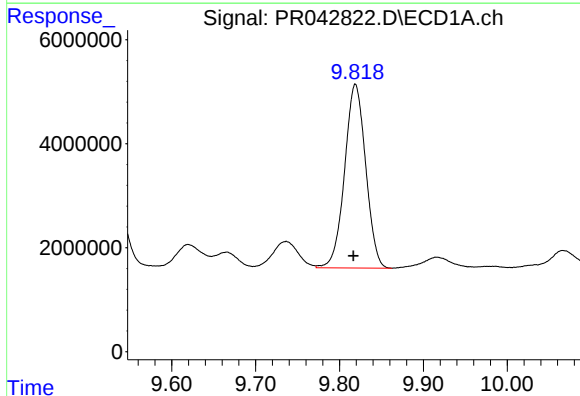
R.T.: 9.096 min
Delta R.T.: -0.017 min
Response: 98394165
Conc: 401.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFB97



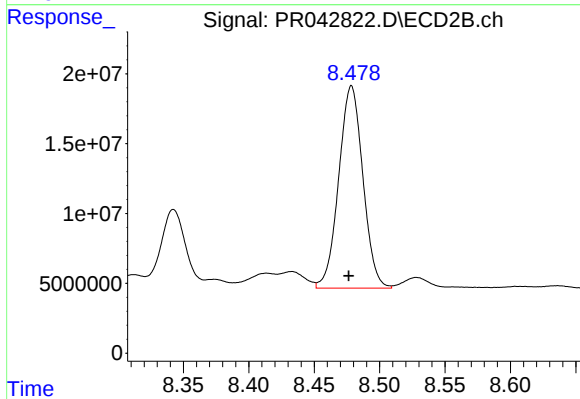
#39 AR-1262-4

R.T.: 7.962 min
Delta R.T.: 0.001 min
Response: 657811715
Conc: 509.60 ng/ml



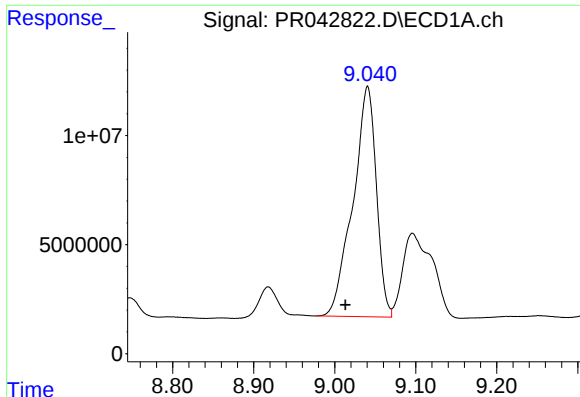
#40 AR-1262-5

R.T.: 9.819 min
Delta R.T.: 0.002 min
Response: 61726163
Conc: 365.17 ng/ml



#40 AR-1262-5

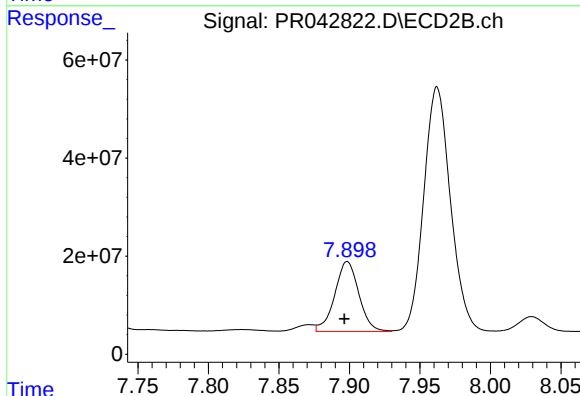
R.T.: 8.478 min
Delta R.T.: 0.002 min
Response: 186222032
Conc: 315.38 ng/ml



#41 AR-1268-1

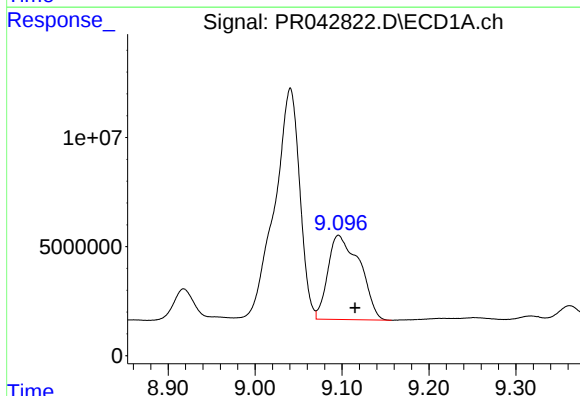
R.T.: 9.041 min
Delta R.T.: 0.027 min
Response: 211872182
Conc: 362.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFB97



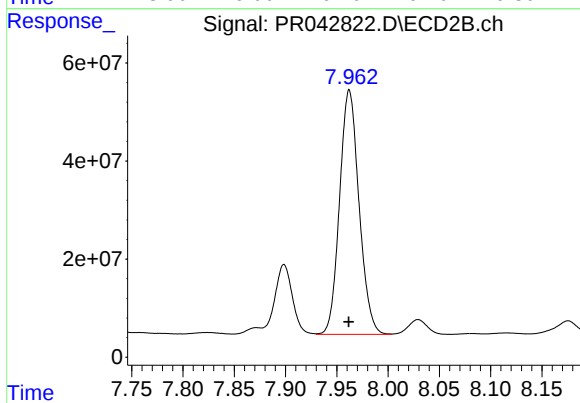
#41 AR-1268-1

R.T.: 7.899 min
Delta R.T.: 0.002 min
Response: 169325832
Conc: 76.42 ng/ml



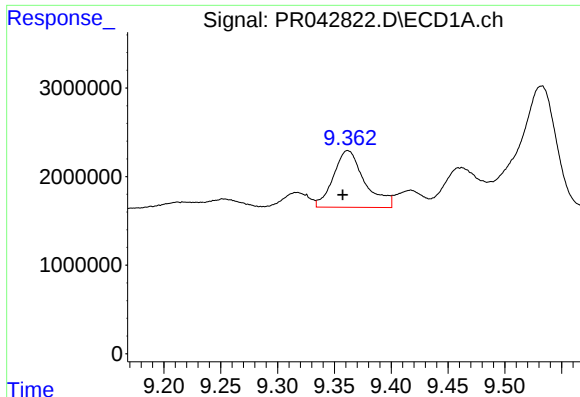
#42 AR-1268-2

R.T.: 9.096 min
Delta R.T.: -0.019 min
Response: 98394165
Conc: 186.46 ng/ml



#42 AR-1268-2

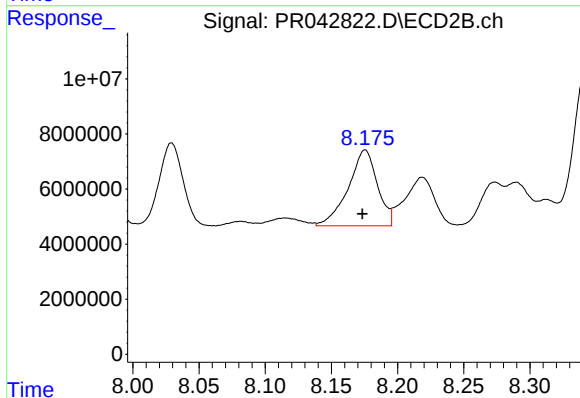
R.T.: 7.962 min
Delta R.T.: 0.000 min
Response: 657811715
Conc: 336.90 ng/ml



#43 AR-1268-3

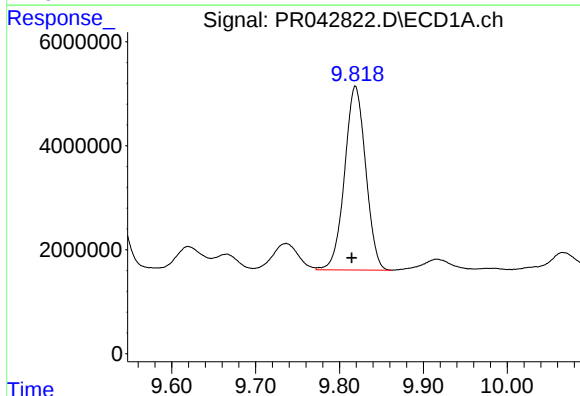
R.T.: 9.362 min
Delta R.T.: 0.004 min
Response: 12266503
Conc: 28.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFB97



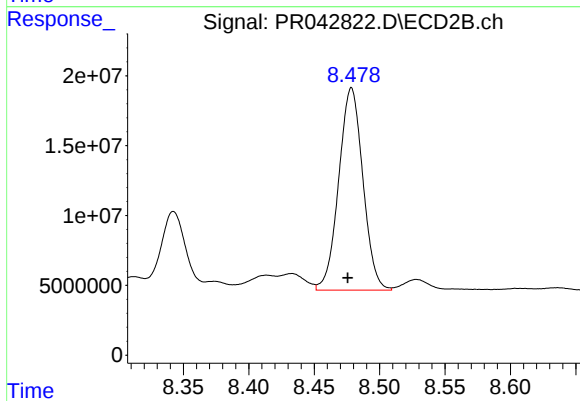
#43 AR-1268-3

R.T.: 8.175 min
Delta R.T.: 0.002 min
Response: 42289807
Conc: 25.51 ng/ml



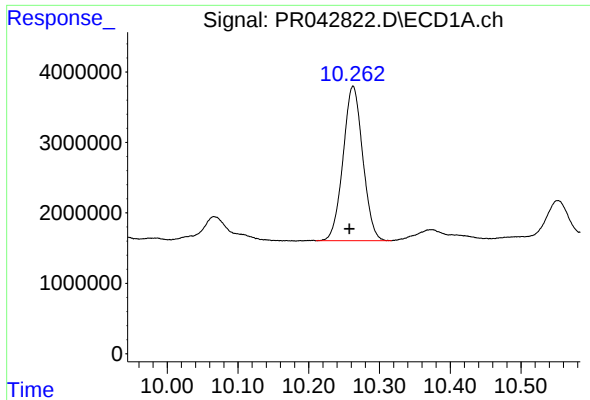
#44 AR-1268-4

R.T.: 9.819 min
Delta R.T.: 0.004 min
Response: 61726163
Conc: 327.28 ng/ml



#44 AR-1268-4

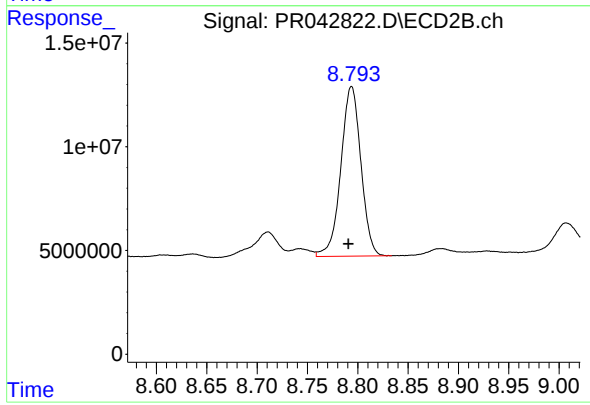
R.T.: 8.478 min
Delta R.T.: 0.003 min
Response: 186222032
Conc: 280.79 ng/ml



#45 AR-1268-5

R.T.: 10.263 min
Delta R.T.: 0.005 min
Response: 42381017
Conc: 30.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFB97



#45 AR-1268-5

R.T.: 8.794 min
Delta R.T.: 0.003 min
Response: 113479745
Conc: 24.09 ng/ml