

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112019\
 Data File : PR043297.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2019 14:16
 Operator : SM\AJ
 Sample : K5889-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 JLLQ1MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 00:52:59 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...	4.709	3.967	61149725	193.9E6	10.896	10.034
2)	SA Decachlor...	10.619	9.061	81942631	208.2E6	22.753	18.515
Target Compounds							
3)	L1 AR-1016-1	5.886	5.062	55561667	160.2E6	296.396	269.885
4)	L1 AR-1016-2	5.909	5.082	78257683	215.1E6	297.753	268.470
5)	L1 AR-1016-3	5.972	5.260	47451051	100.0E6	303.303	263.393
6)	L1 AR-1016-4	6.072	5.299	39099634	74164031	300.312	263.860
7)	L1 AR-1016-5	6.366	5.516	39142969	88723635	303.147	279.791
8)	L2 AR-1221-1	0.000	4.178	0	14587914	N.D.	74.783 #
9)	L2 AR-1221-2	5.005	4.267	5960093	19279044	155.204	143.712
10)	L2 AR-1221-3	5.084	4.344	26185046	84889724	205.240	186.121
11)	L3 AR-1232-1	5.084	4.344	26185046	84889724	237.087	215.070
12)	L3 AR-1232-2	5.619	5.082	36926557	215.1E6	647.308	583.652
13)	L3 AR-1232-3	5.909	5.260	78257683	100.0E6	682.263	578.746
14)	L3 AR-1232-4	6.072	5.343	39099634	89162977	686.499	667.237
15)	L3 AR-1232-5	6.159	5.516	33834094	88723635	788.784	651.065
16)	L4 AR-1242-1	5.886	5.062	55561667	160.2E6	378.831	349.738
17)	L4 AR-1242-2	5.909	5.082	78257683	215.1E6	385.019	351.265
18)	L4 AR-1242-3	5.972	5.260	47451051	100.0E6	385.747	342.460
19)	L4 AR-1242-4	6.072	5.343	39099634	89162977	384.549	353.740
20)	L4 AR-1242-5	6.769f	5.870	4754280	77232105	43.979	259.904 #
21)	L5 AR-1248-1	5.886	5.062	55561667	160.2E6	484.383	430.150
22)	L5 AR-1248-2	6.159	5.299	33834094	74164031	215.462	192.986
23)	L5 AR-1248-3	6.366	5.343	39142969	89162977	223.807	235.799
24)	L5 AR-1248-4	6.769	5.516	4754280	88723635	23.989	212.999 #
25)	L5 AR-1248-5	6.769f	5.910	4754280	15532407	25.479	35.256 #
26)	L6 AR-1254-1	6.743	5.870	29975010	77232105	155.824	123.698
27)	L6 AR-1254-2	6.959	6.016	32159728	83710000	109.045	149.026 #
28)	L6 AR-1254-3	7.330	6.436	17395870	183.8E6	56.446	188.219 #
29)	L6 AR-1254-4	7.615	6.649	11664879	20022268	51.636	28.018 #
30)	L6 AR-1254-5	8.034	7.067	113.0E6	313.4E6	483.938	378.982
31)	L7 AR-1260-1	7.492	6.552	75972995	200.3E6	338.486	305.812
32)	L7 AR-1260-2	7.747	6.738	90873839	296.8E6	342.566	324.981
33)	L7 AR-1260-3	8.108	6.894	56606811	245.5E6	285.475	320.102
34)	L7 AR-1260-4	8.346	7.366	70966999	175.8E6	310.443	277.915
35)	L7 AR-1260-5	8.684	7.606	140.3E6	503.3E6	306.259	284.898
36)	L8 AR-1262-1	8.168	7.067	30151119	313.4E6	263.947	665.081 #
37)	L8 AR-1262-2	8.684	7.606	140.3E6	503.3E6	269.281	261.036
38)	L8 AR-1262-3	9.035	7.890	89082646	90899325	267.677	122.555 #
39)	L8 AR-1262-4	9.092	7.955	46301960	310.8E6	188.985	240.780 #
40)	L8 AR-1262-5	9.813	8.469	31612712	93231183	187.018	157.895
41)	L9 AR-1268-1	9.035	7.890	89082646	90899325	152.346	41.027 #

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 Operator : SM\AJ
 Sample : K5889-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

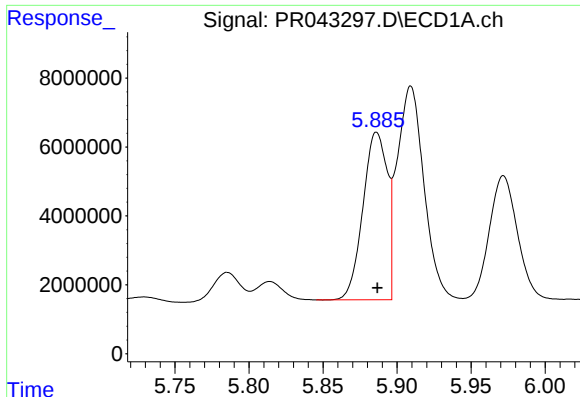
Instrument :
 ECD_R
 ClientSampleId :
 JLLQ1MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 00:52:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110219CLP.M
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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	9.092	7.955	46301960	310.8E6	87.745	159.178 #
43) L9	AR-1268-3	0.000	8.167	0	9698740	N.D.	5.850 #
44) L9	AR-1268-4	9.813	8.469	31612712	93231183	167.613	140.577
45) L9	AR-1268-5	10.256	8.784	10173606	33905189	7.222	7.199

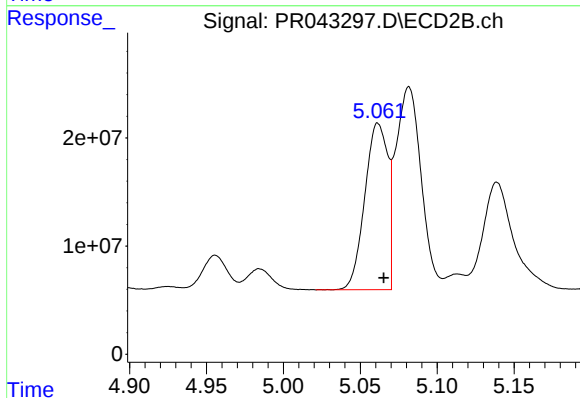
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

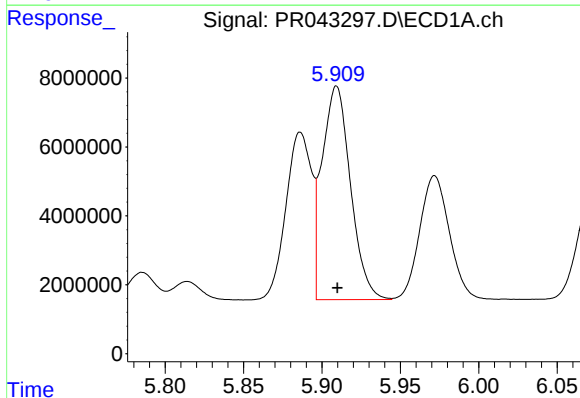
R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 55561667
Conc: 296.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLLQ1MS



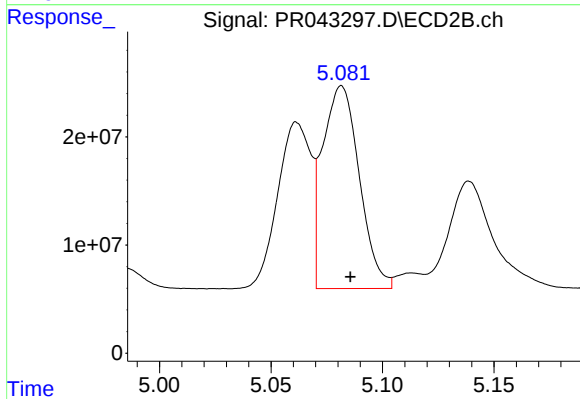
#3 AR-1016-1

R.T.: 5.062 min
Delta R.T.: -0.004 min
Response: 160169019
Conc: 269.88 ng/ml



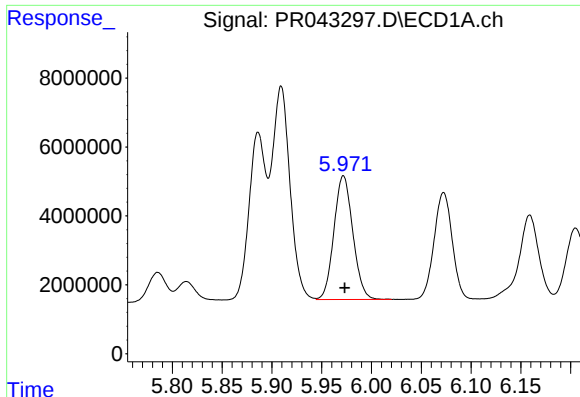
#4 AR-1016-2

R.T.: 5.909 min
Delta R.T.: 0.000 min
Response: 78257683
Conc: 297.75 ng/ml



#4 AR-1016-2

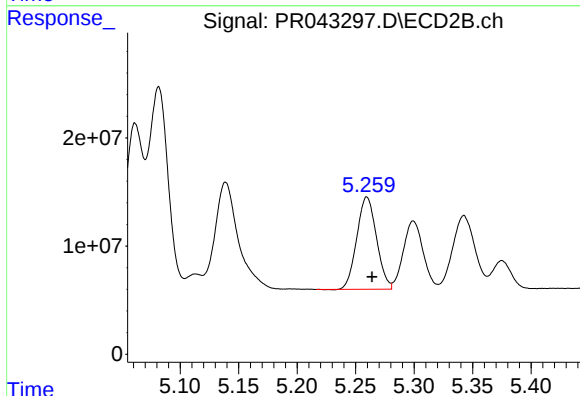
R.T.: 5.082 min
Delta R.T.: -0.004 min
Response: 215109821
Conc: 268.47 ng/ml



#5 AR-1016-3

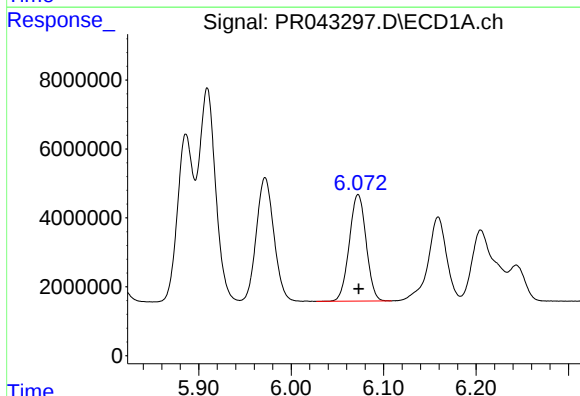
R.T.: 5.972 min
Delta R.T.: -0.001 min
Response: 47451051
Conc: 303.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLLQ1MS



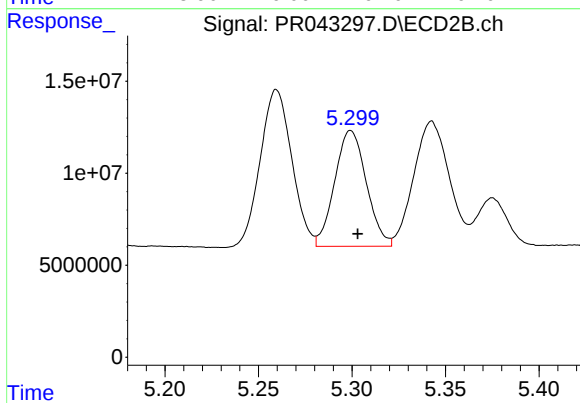
#5 AR-1016-3

R.T.: 5.260 min
Delta R.T.: -0.004 min
Response: 100011420
Conc: 263.39 ng/ml



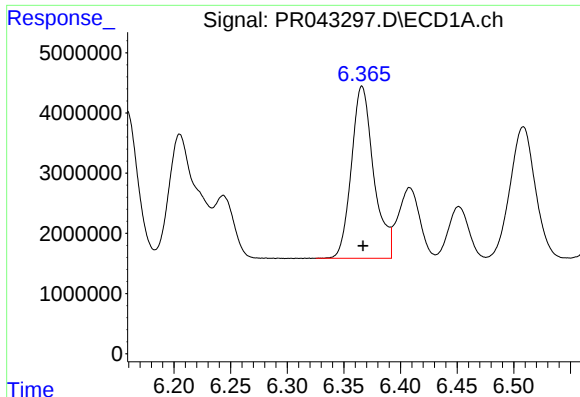
#6 AR-1016-4

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 39099634
Conc: 300.31 ng/ml



#6 AR-1016-4

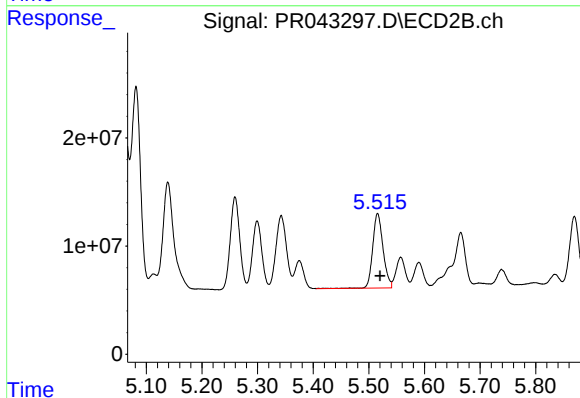
R.T.: 5.299 min
Delta R.T.: -0.004 min
Response: 74164031
Conc: 263.86 ng/ml



#7 AR-1016-5

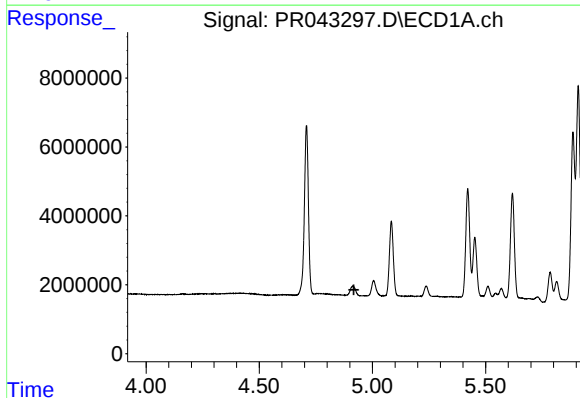
R.T.: 6.366 min
Delta R.T.: -0.001 min
Response: 39142969
Conc: 303.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLLQ1MS



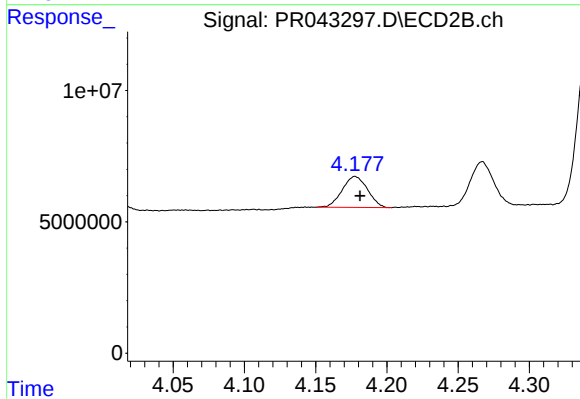
#7 AR-1016-5

R.T.: 5.516 min
Delta R.T.: -0.004 min
Response: 88723635
Conc: 279.79 ng/ml



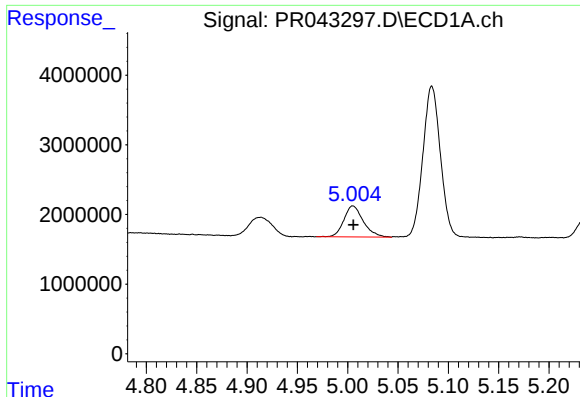
#8 AR-1221-1

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



#8 AR-1221-1

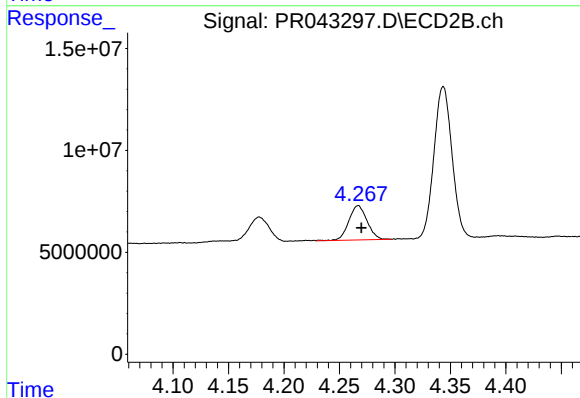
R.T.: 4.178 min
Delta R.T.: -0.003 min
Response: 14587914
Conc: 74.78 ng/ml



#9 AR-1221-2

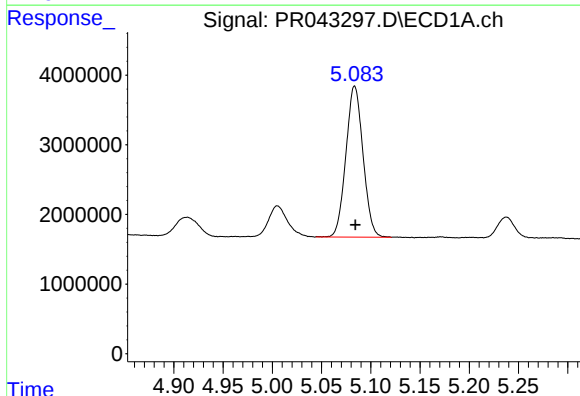
R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 5960093
Conc: 155.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLLQ1MS



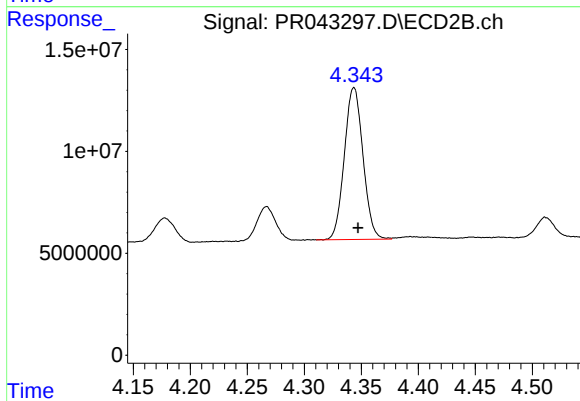
#9 AR-1221-2

R.T.: 4.267 min
Delta R.T.: -0.003 min
Response: 19279044
Conc: 143.71 ng/ml



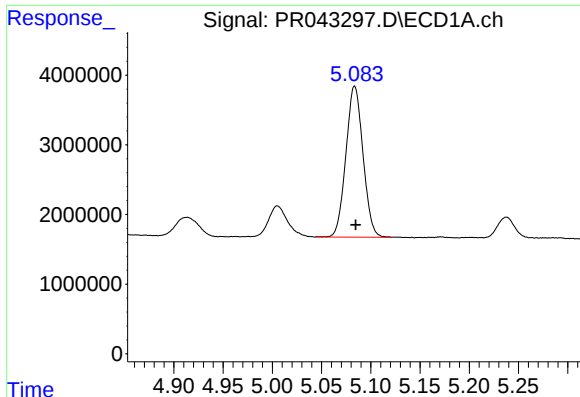
#10 AR-1221-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 26185046
Conc: 205.24 ng/ml



#10 AR-1221-3

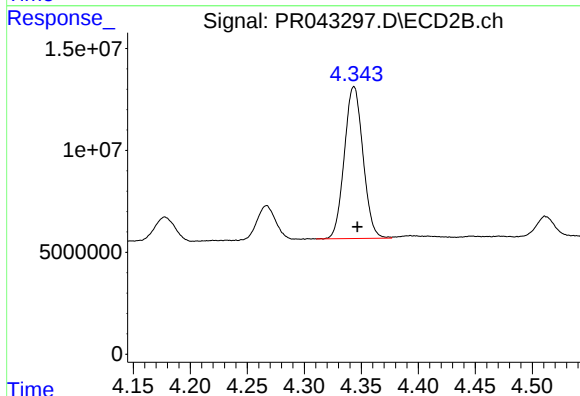
R.T.: 4.344 min
Delta R.T.: -0.004 min
Response: 84889724
Conc: 186.12 ng/ml



#11 AR-1232-1

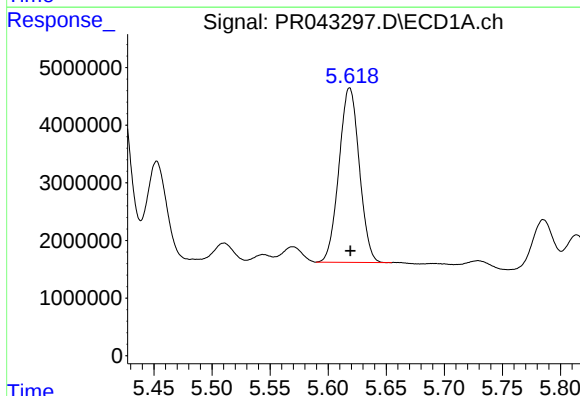
R.T.: 5.084 min
Delta R.T.: -0.001 min
Response: 26185046
Conc: 237.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLLQ1MS



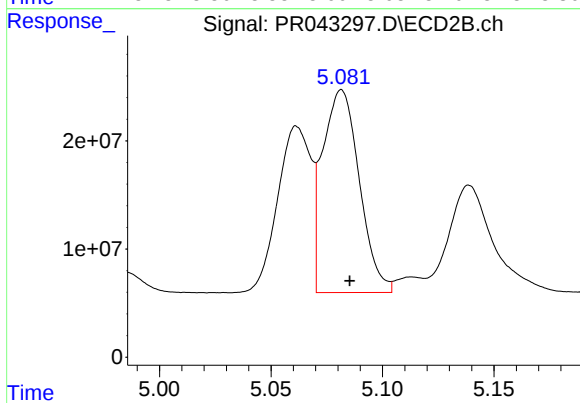
#11 AR-1232-1

R.T.: 4.344 min
Delta R.T.: -0.003 min
Response: 84889724
Conc: 215.07 ng/ml



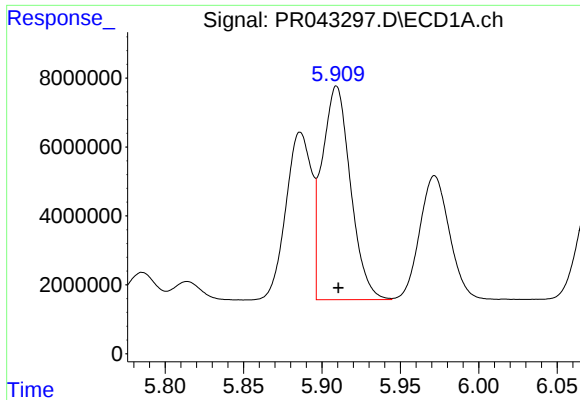
#12 AR-1232-2

R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 36926557
Conc: 647.31 ng/ml



#12 AR-1232-2

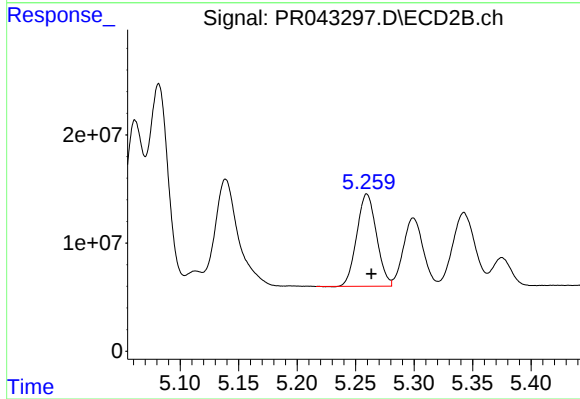
R.T.: 5.082 min
Delta R.T.: -0.004 min
Response: 215109821
Conc: 583.65 ng/ml



#13 AR-1232-3

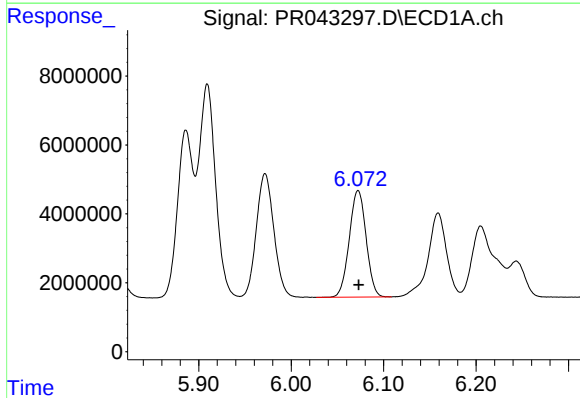
R.T.: 5.909 min
Delta R.T.: -0.001 min
Response: 78257683
Conc: 682.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLLQ1MS



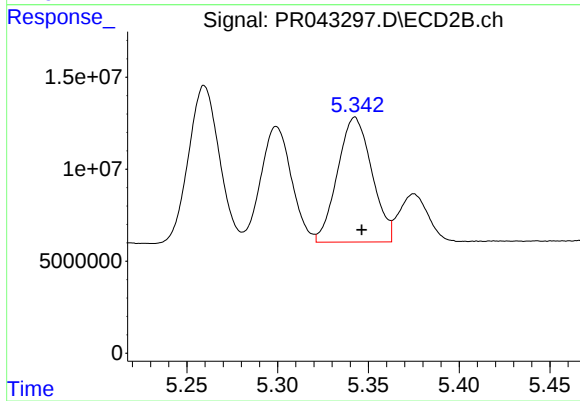
#13 AR-1232-3

R.T.: 5.260 min
Delta R.T.: -0.004 min
Response: 100011420
Conc: 578.75 ng/ml



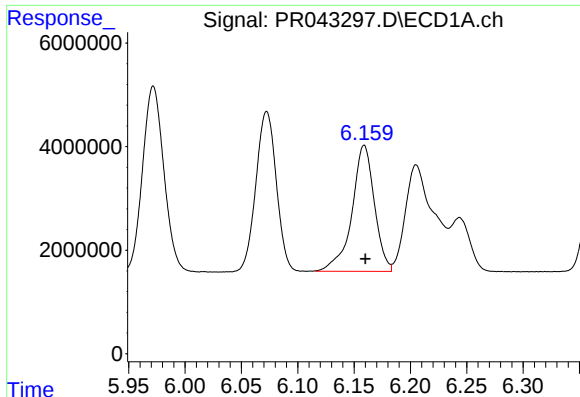
#14 AR-1232-4

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 39099634
Conc: 686.50 ng/ml



#14 AR-1232-4

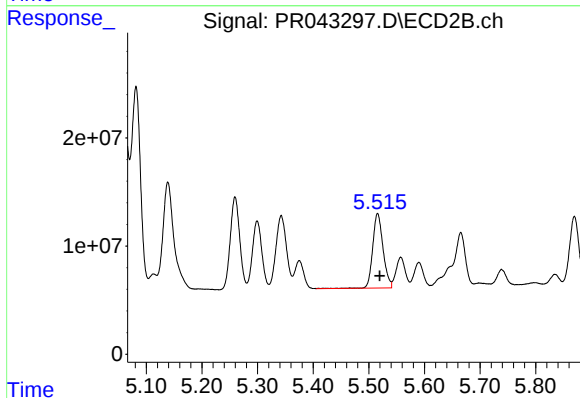
R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 89162977
Conc: 667.24 ng/ml



#15 AR-1232-5

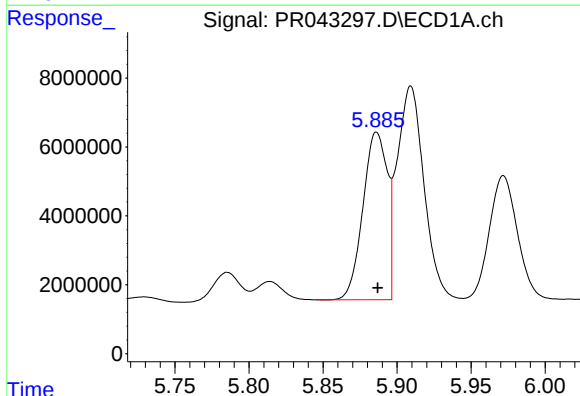
R.T.: 6.159 min
Delta R.T.: -0.001 min
Response: 33834094
Conc: 788.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLLQ1MS



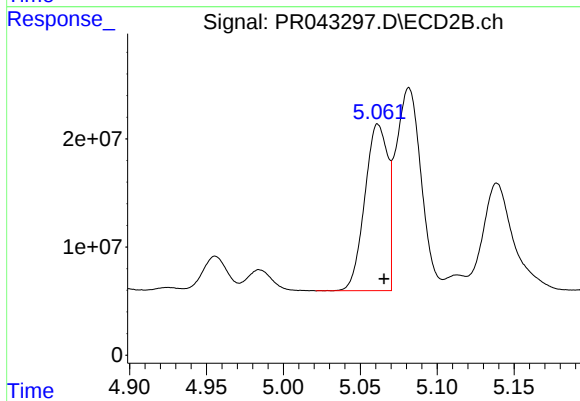
#15 AR-1232-5

R.T.: 5.516 min
Delta R.T.: -0.004 min
Response: 88723635
Conc: 651.06 ng/ml



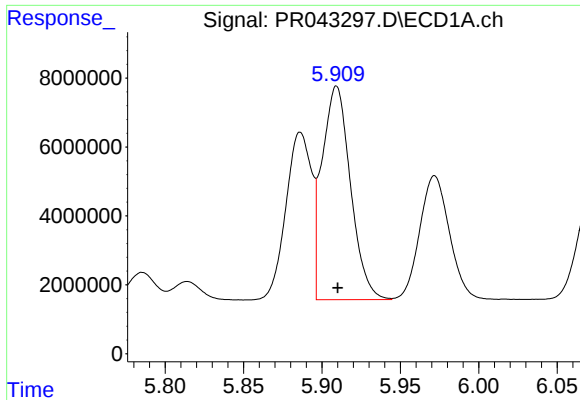
#16 AR-1242-1

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 55561667
Conc: 378.83 ng/ml



#16 AR-1242-1

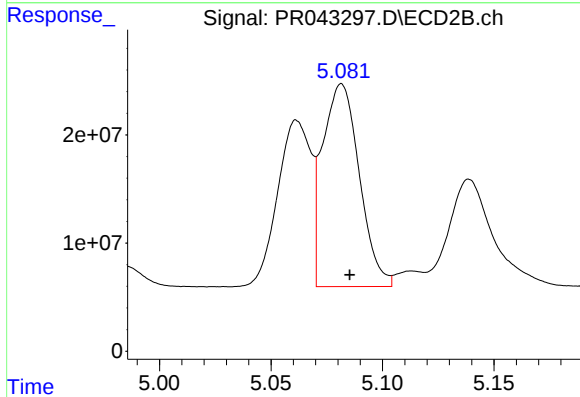
R.T.: 5.062 min
Delta R.T.: -0.004 min
Response: 160169019
Conc: 349.74 ng/ml



#17 AR-1242-2

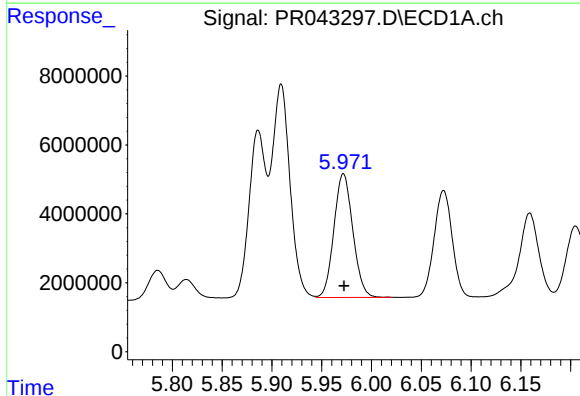
R.T.: 5.909 min
Delta R.T.: 0.000 min
Response: 78257683
Conc: 385.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLLQ1MS



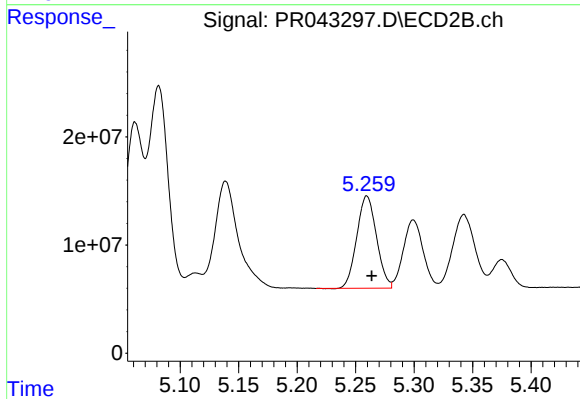
#17 AR-1242-2

R.T.: 5.082 min
Delta R.T.: -0.004 min
Response: 215109821
Conc: 351.26 ng/ml



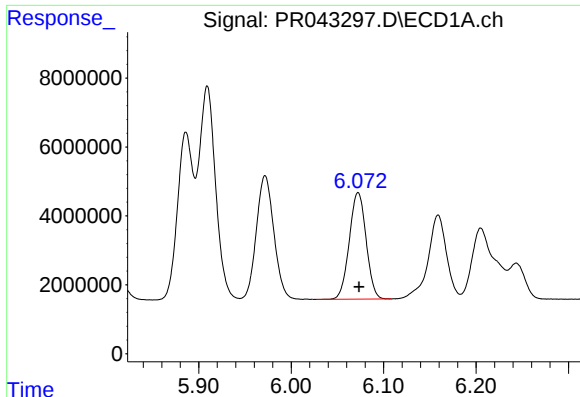
#18 AR-1242-3

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 47451051
Conc: 385.75 ng/ml



#18 AR-1242-3

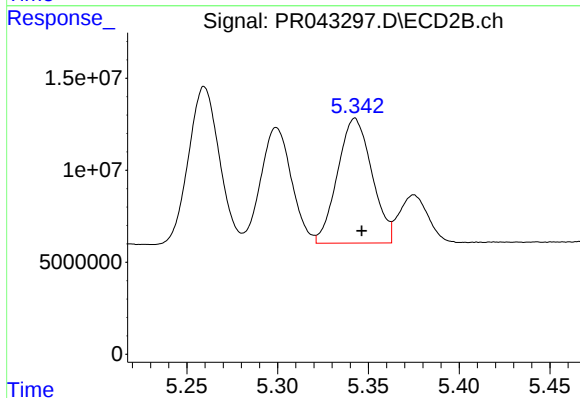
R.T.: 5.260 min
Delta R.T.: -0.004 min
Response: 100011420
Conc: 342.46 ng/ml



#19 AR-1242-4

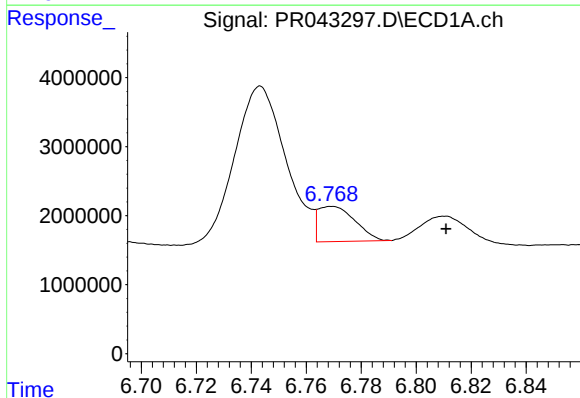
R.T.: 6.072 min
Delta R.T.: -0.001 min
Response: 39099634
Conc: 384.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLLQ1MS



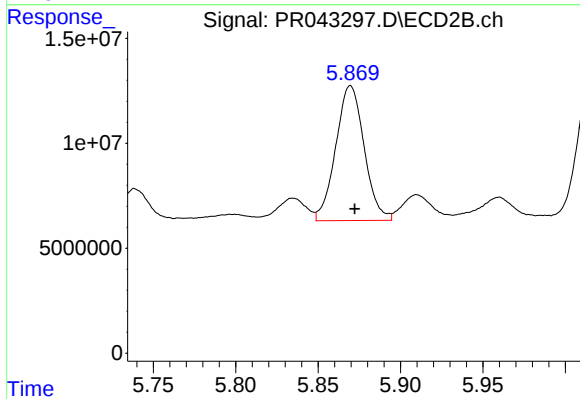
#19 AR-1242-4

R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 89162977
Conc: 353.74 ng/ml



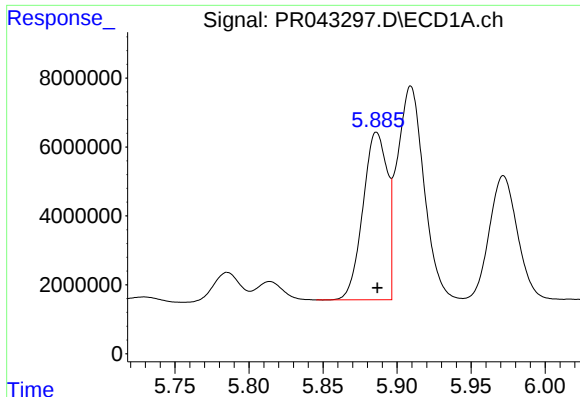
#20 AR-1242-5

R.T.: 6.769 min
Delta R.T.: -0.042 min
Response: 4754280
Conc: 43.98 ng/ml



#20 AR-1242-5

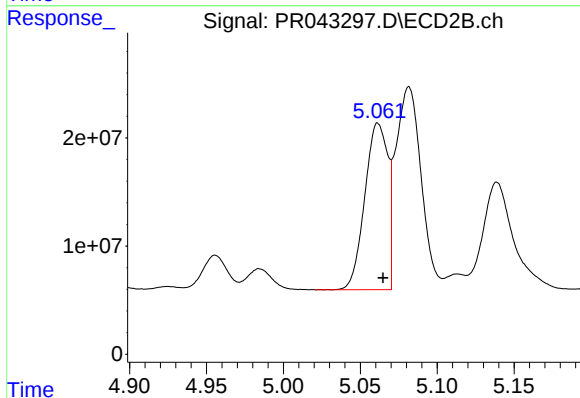
R.T.: 5.870 min
Delta R.T.: -0.003 min
Response: 77232105
Conc: 259.90 ng/ml



#21 AR-1248-1

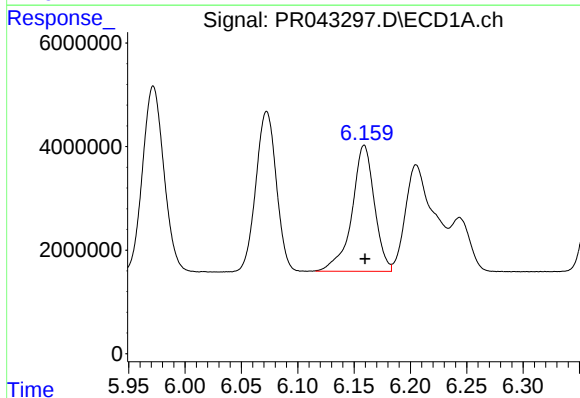
R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 55561667
Conc: 484.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLLQ1MS



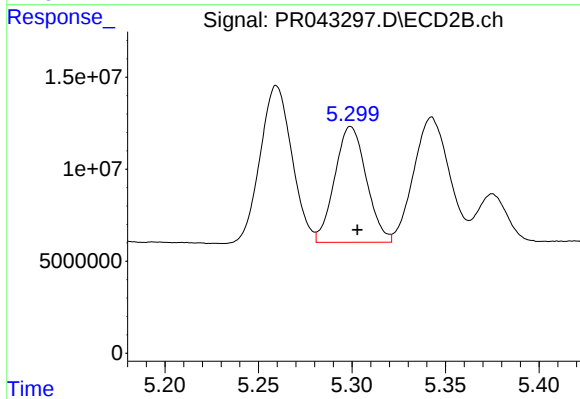
#21 AR-1248-1

R.T.: 5.062 min
Delta R.T.: -0.003 min
Response: 160169019
Conc: 430.15 ng/ml



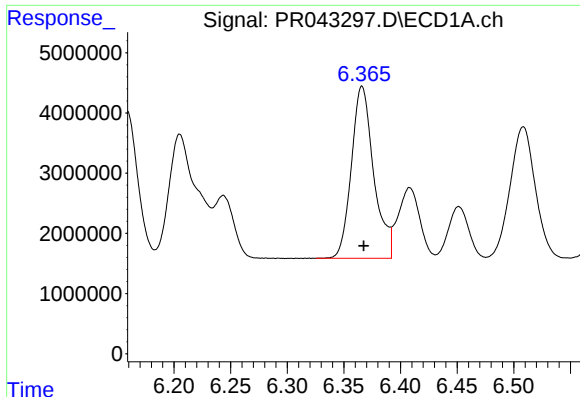
#22 AR-1248-2

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 33834094
Conc: 215.46 ng/ml



#22 AR-1248-2

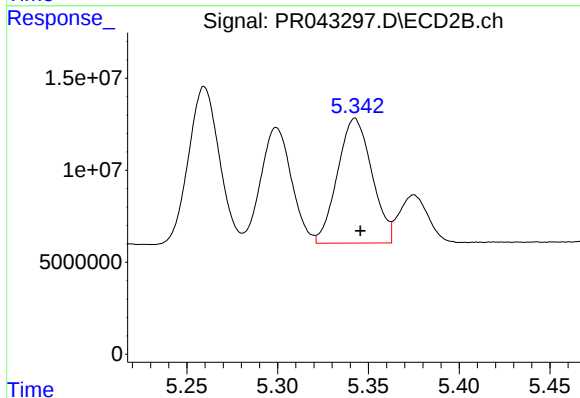
R.T.: 5.299 min
Delta R.T.: -0.004 min
Response: 74164031
Conc: 192.99 ng/ml



#23 AR-1248-3

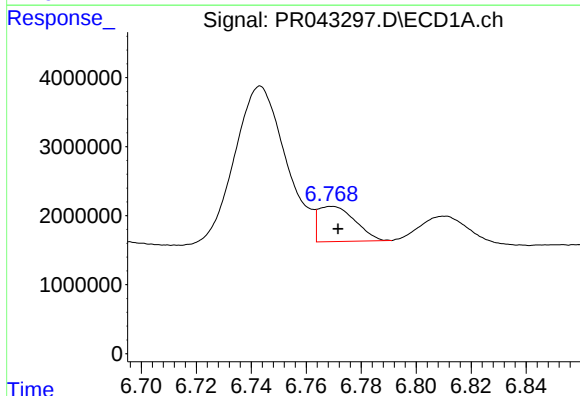
R.T.: 6.366 min
Delta R.T.: -0.001 min
Response: 39142969
Conc: 223.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLLQ1MS



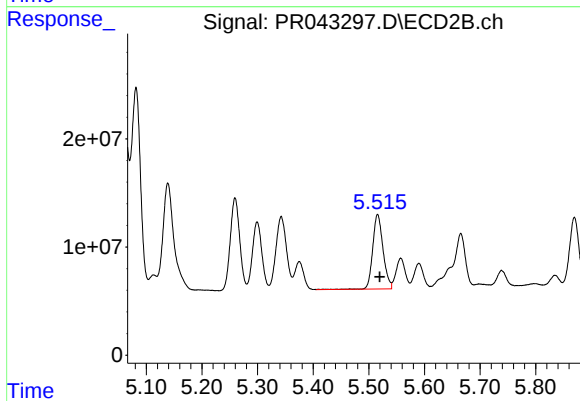
#23 AR-1248-3

R.T.: 5.343 min
Delta R.T.: -0.003 min
Response: 89162977
Conc: 235.80 ng/ml



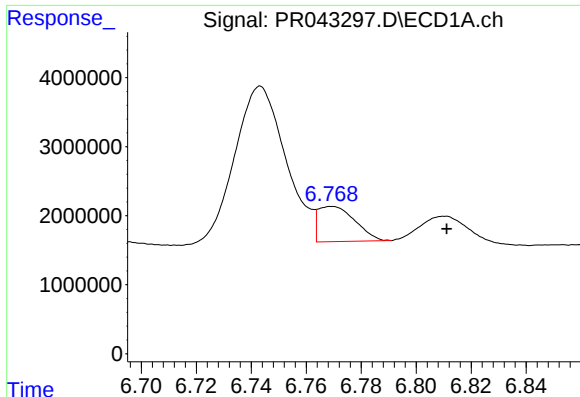
#24 AR-1248-4

R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 4754280
Conc: 23.99 ng/ml



#24 AR-1248-4

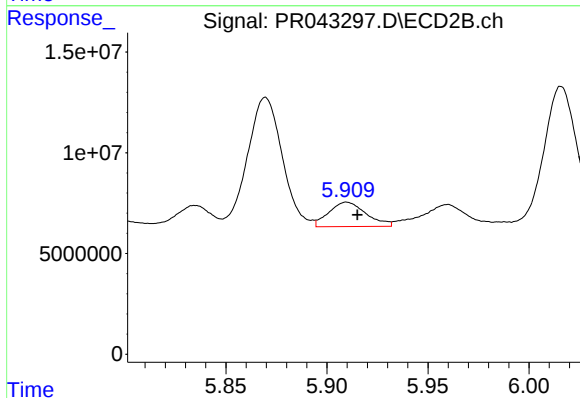
R.T.: 5.516 min
Delta R.T.: -0.004 min
Response: 88723635
Conc: 213.00 ng/ml



#25 AR-1248-5

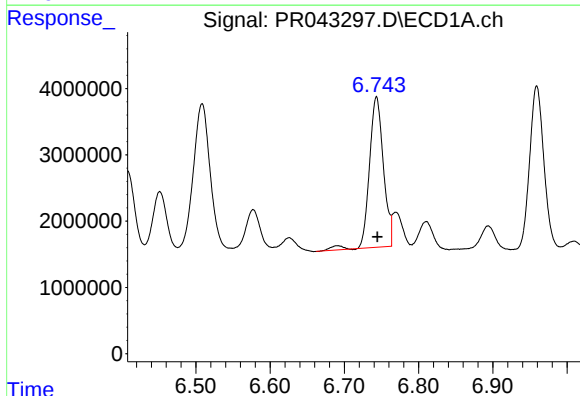
R.T.: 6.769 min
Delta R.T.: -0.042 min
Response: 4754280
Conc: 25.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLLQ1MS



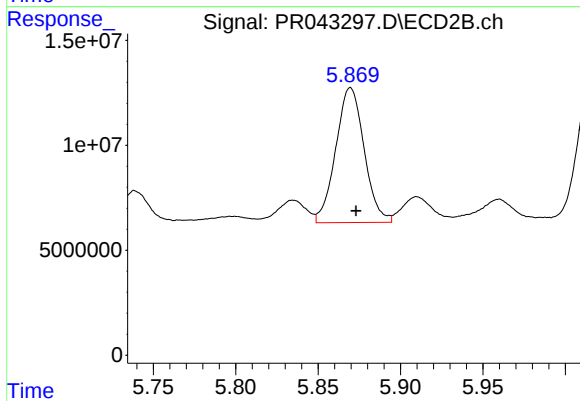
#25 AR-1248-5

R.T.: 5.910 min
Delta R.T.: -0.005 min
Response: 15532407
Conc: 35.26 ng/ml



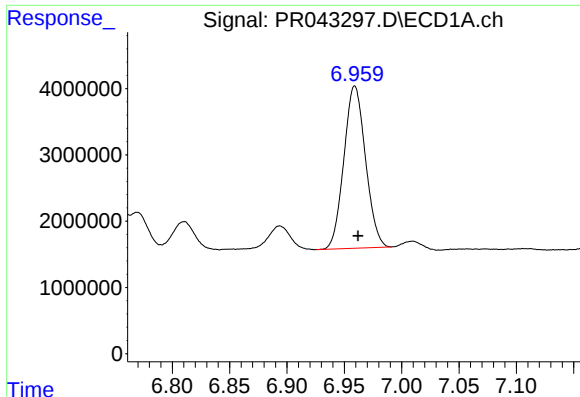
#26 AR-1254-1

R.T.: 6.743 min
Delta R.T.: -0.001 min
Response: 29975010
Conc: 155.82 ng/ml



#26 AR-1254-1

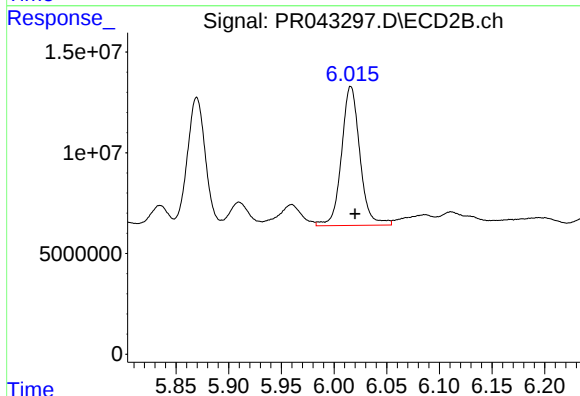
R.T.: 5.870 min
Delta R.T.: -0.003 min
Response: 77232105
Conc: 123.70 ng/ml



#27 AR-1254-2

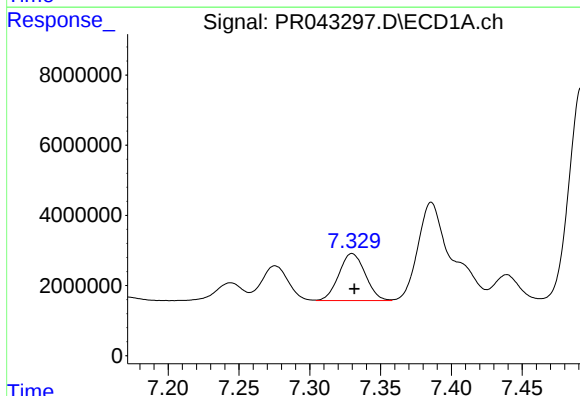
R.T.: 6.959 min
Delta R.T.: -0.003 min
Response: 32159728
Conc: 109.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLLQ1MS



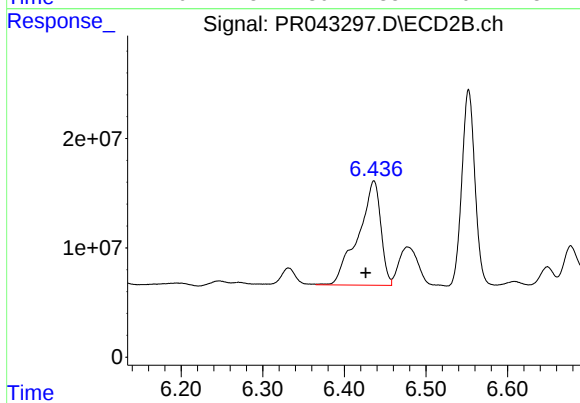
#27 AR-1254-2

R.T.: 6.016 min
Delta R.T.: -0.004 min
Response: 83710000
Conc: 149.03 ng/ml



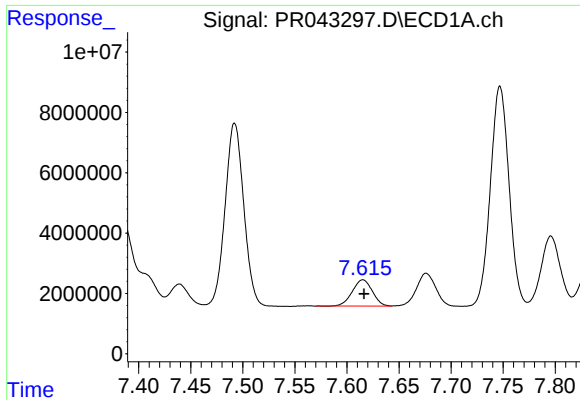
#28 AR-1254-3

R.T.: 7.330 min
Delta R.T.: -0.002 min
Response: 17395870
Conc: 56.45 ng/ml



#28 AR-1254-3

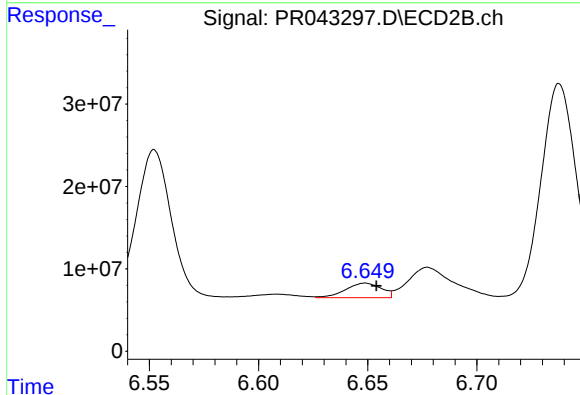
R.T.: 6.436 min
Delta R.T.: 0.010 min
Response: 183819976
Conc: 188.22 ng/ml



#29 AR-1254-4

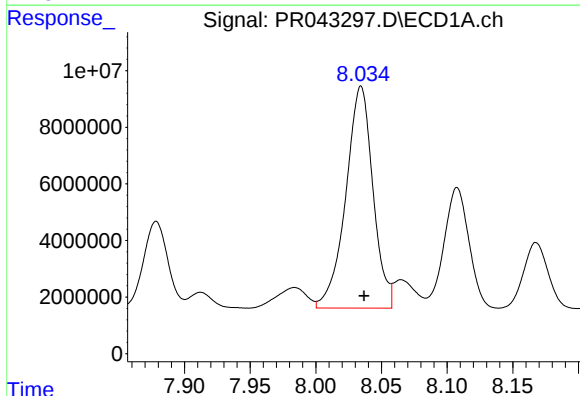
R.T.: 7.615 min
Delta R.T.: -0.001 min
Response: 11664879
Conc: 51.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLLQ1MS



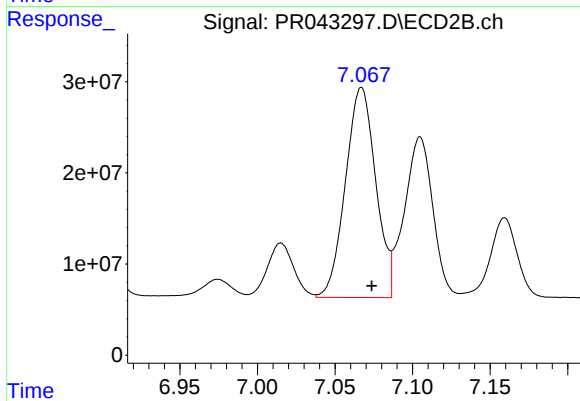
#29 AR-1254-4

R.T.: 6.649 min
Delta R.T.: -0.005 min
Response: 20022268
Conc: 28.02 ng/ml



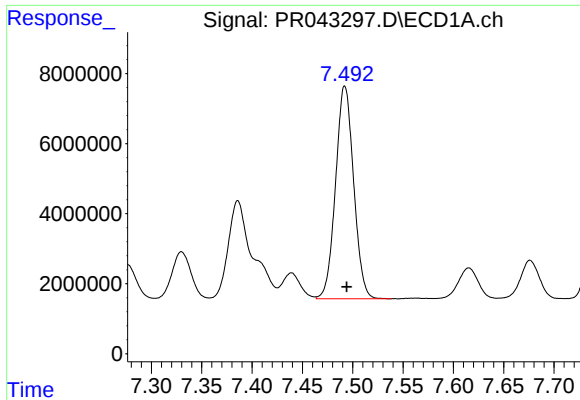
#30 AR-1254-5

R.T.: 8.034 min
Delta R.T.: -0.002 min
Response: 113035671
Conc: 483.94 ng/ml



#30 AR-1254-5

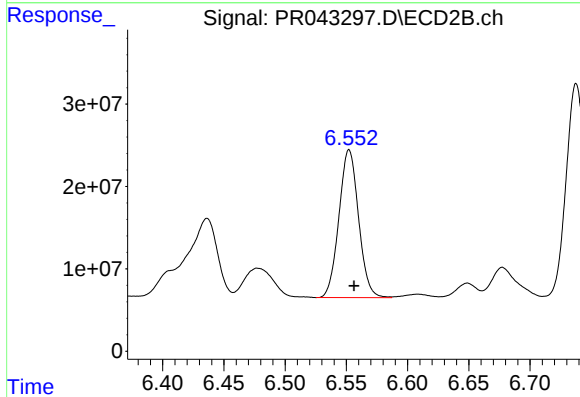
R.T.: 7.067 min
Delta R.T.: -0.007 min
Response: 313379168
Conc: 378.98 ng/ml



#31 AR-1260-1

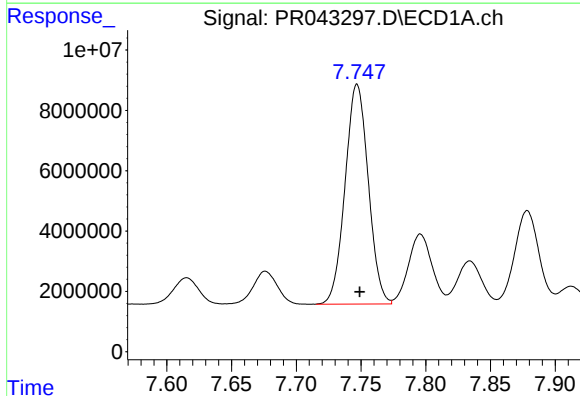
R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 75972995
Conc: 338.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLLQ1MS



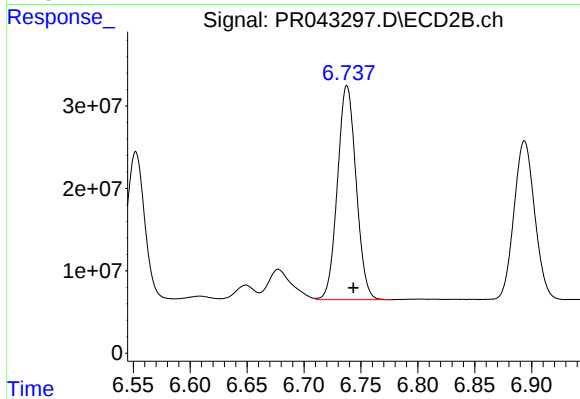
#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: -0.004 min
Response: 200295165
Conc: 305.81 ng/ml



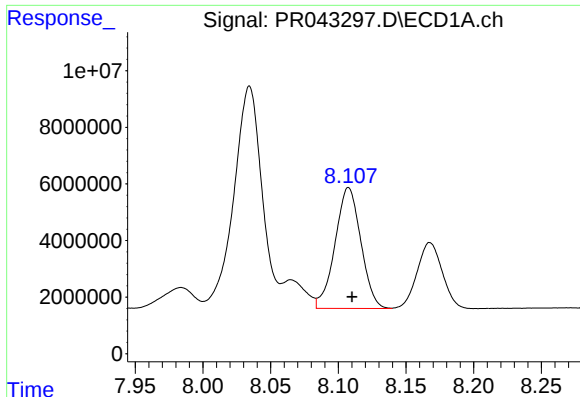
#32 AR-1260-2

R.T.: 7.747 min
Delta R.T.: -0.002 min
Response: 90873839
Conc: 342.57 ng/ml



#32 AR-1260-2

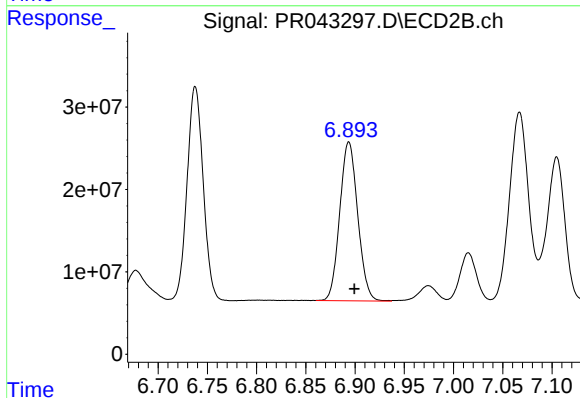
R.T.: 6.738 min
Delta R.T.: -0.006 min
Response: 296764942
Conc: 324.98 ng/ml



#33 AR-1260-3

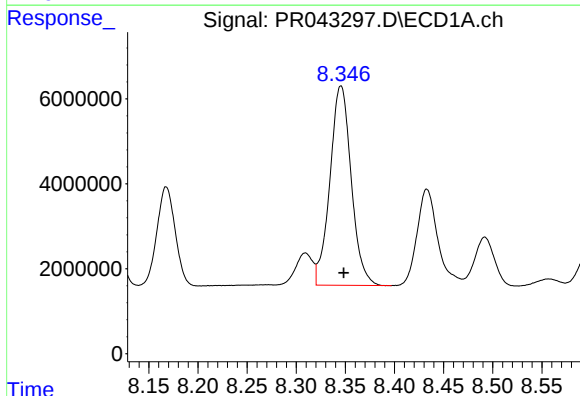
R.T.: 8.108 min
Delta R.T.: -0.003 min
Response: 56606811
Conc: 285.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLLQ1MS



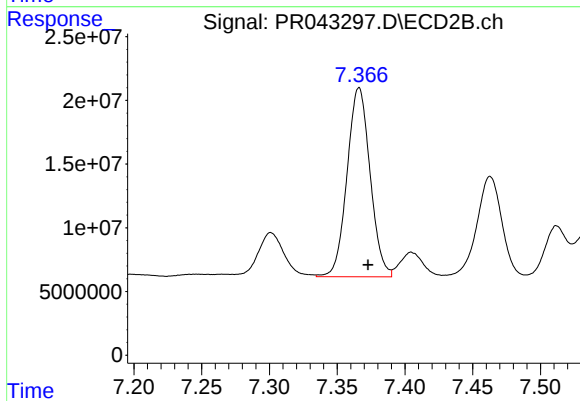
#33 AR-1260-3

R.T.: 6.894 min
Delta R.T.: -0.006 min
Response: 245479312
Conc: 320.10 ng/ml



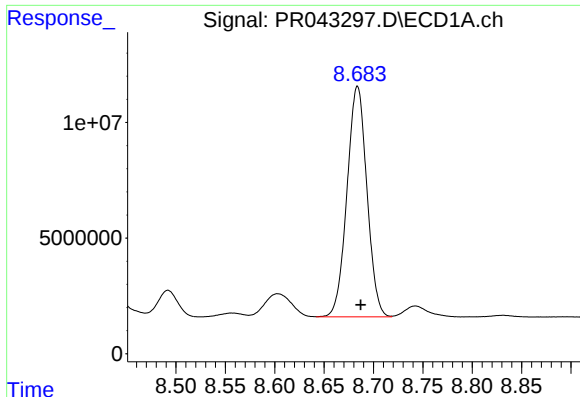
#34 AR-1260-4

R.T.: 8.346 min
Delta R.T.: -0.003 min
Response: 70966999
Conc: 310.44 ng/ml



#34 AR-1260-4

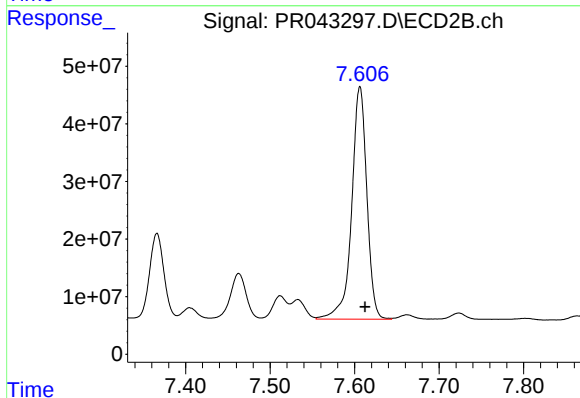
R.T.: 7.366 min
Delta R.T.: -0.007 min
Response: 175840283
Conc: 277.91 ng/ml



#35 AR-1260-5

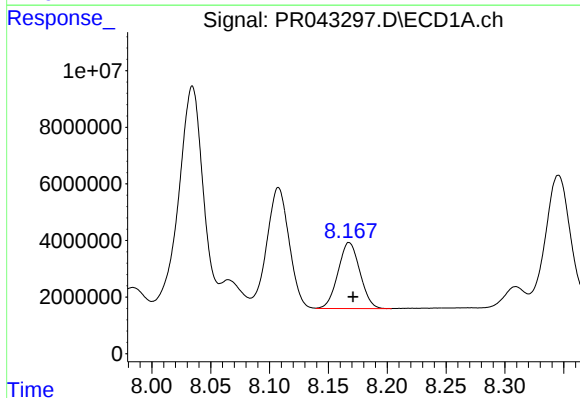
R.T.: 8.684 min
Delta R.T.: -0.003 min
Response: 140270355
Conc: 306.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLLQ1MS



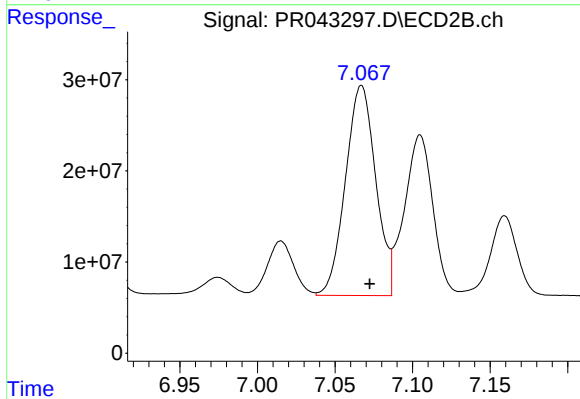
#35 AR-1260-5

R.T.: 7.606 min
Delta R.T.: -0.006 min
Response: 503297756
Conc: 284.90 ng/ml



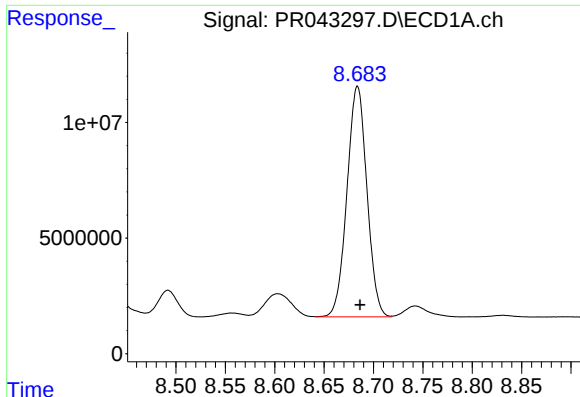
#36 AR-1262-1

R.T.: 8.168 min
Delta R.T.: -0.003 min
Response: 30151119
Conc: 263.95 ng/ml



#36 AR-1262-1

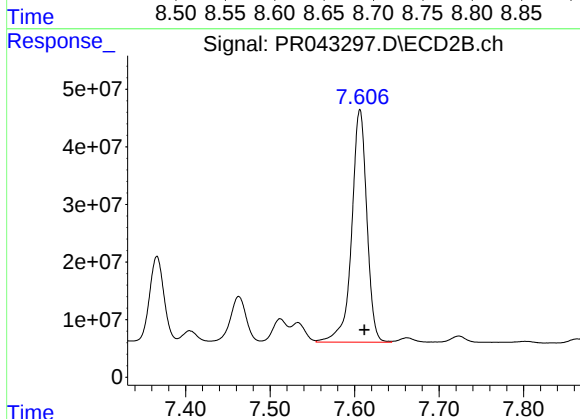
R.T.: 7.067 min
Delta R.T.: -0.005 min
Response: 313379168
Conc: 665.08 ng/ml



#37 AR-1262-2

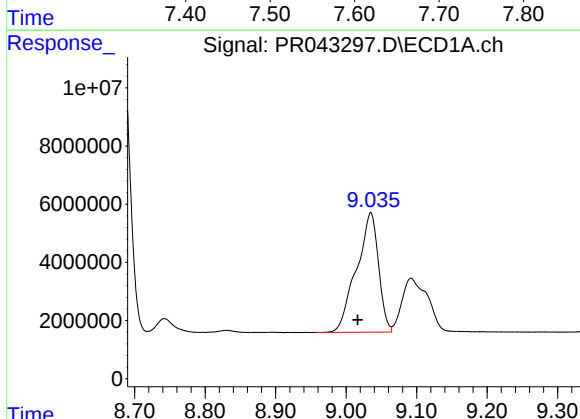
R.T.: 8.684 min
Delta R.T.: -0.003 min
Response: 140270355
Conc: 269.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLLQ1MS



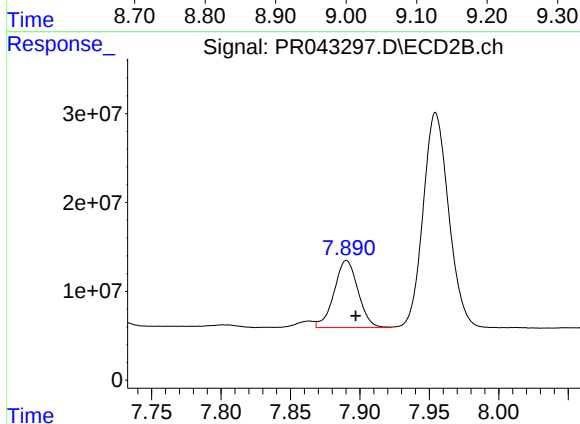
#37 AR-1262-2

R.T.: 7.606 min
Delta R.T.: -0.005 min
Response: 503297756
Conc: 261.04 ng/ml



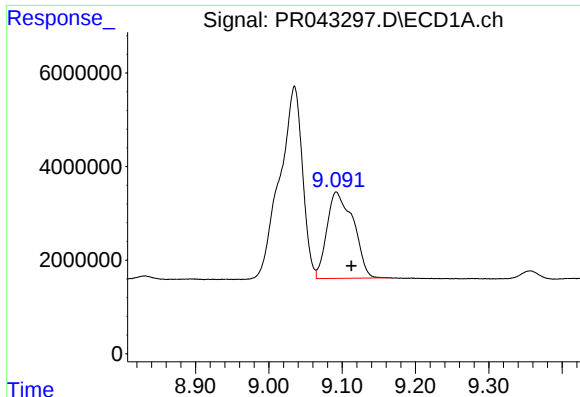
#38 AR-1262-3

R.T.: 9.035 min
Delta R.T.: 0.019 min
Response: 89082646
Conc: 267.68 ng/ml



#38 AR-1262-3

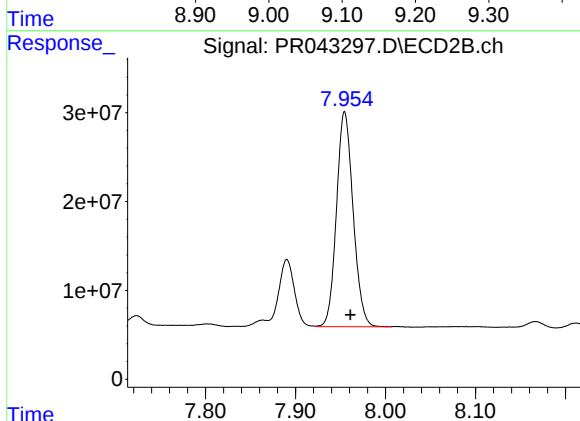
R.T.: 7.890 min
Delta R.T.: -0.007 min
Response: 90899325
Conc: 122.55 ng/ml



#39 AR-1262-4

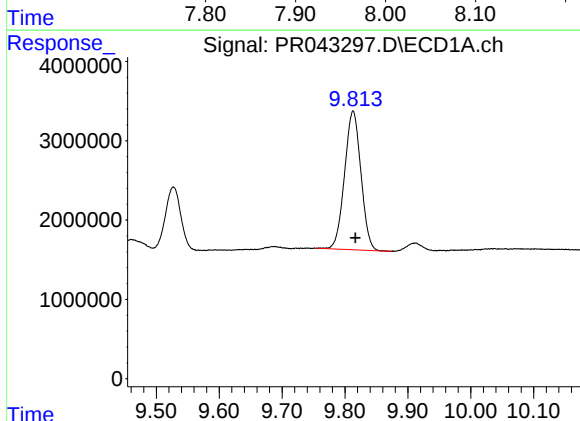
R.T.: 9.092 min
Delta R.T.: -0.021 min
Response: 46301960
Conc: 188.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLLQ1MS



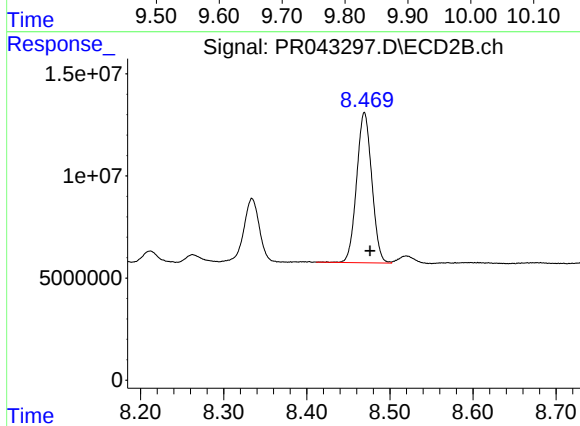
#39 AR-1262-4

R.T.: 7.955 min
Delta R.T.: -0.007 min
Response: 310806711
Conc: 240.78 ng/ml



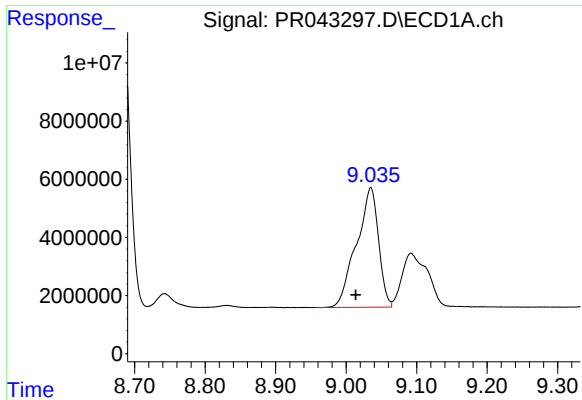
#40 AR-1262-5

R.T.: 9.813 min
Delta R.T.: -0.004 min
Response: 31612712
Conc: 187.02 ng/ml



#40 AR-1262-5

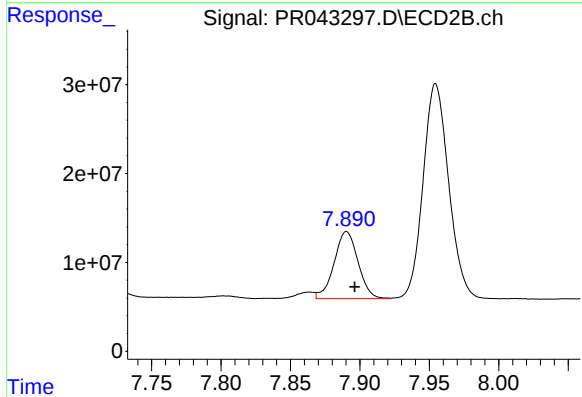
R.T.: 8.469 min
Delta R.T.: -0.007 min
Response: 93231183
Conc: 157.89 ng/ml



#41 AR-1268-1

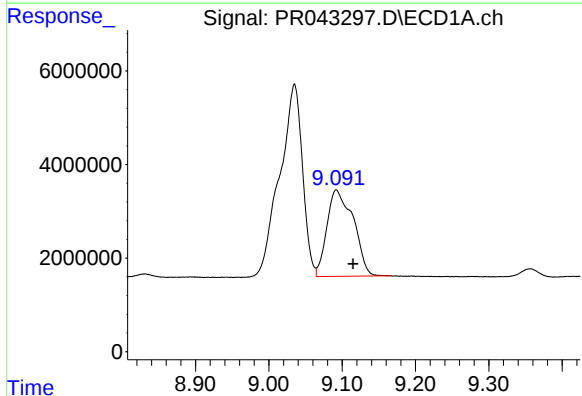
R.T.: 9.035 min
Delta R.T.: 0.022 min
Response: 89082646
Conc: 152.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLLQ1MS



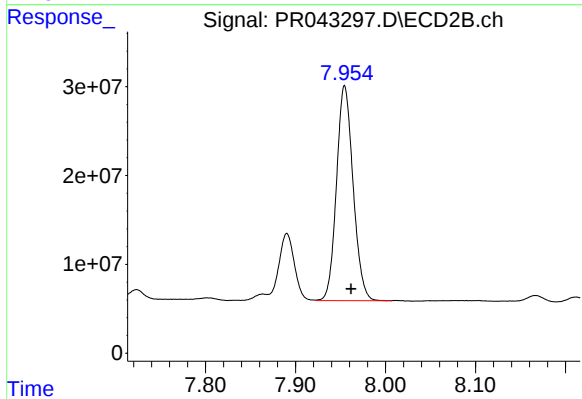
#41 AR-1268-1

R.T.: 7.890 min
Delta R.T.: -0.006 min
Response: 90899325
Conc: 41.03 ng/ml



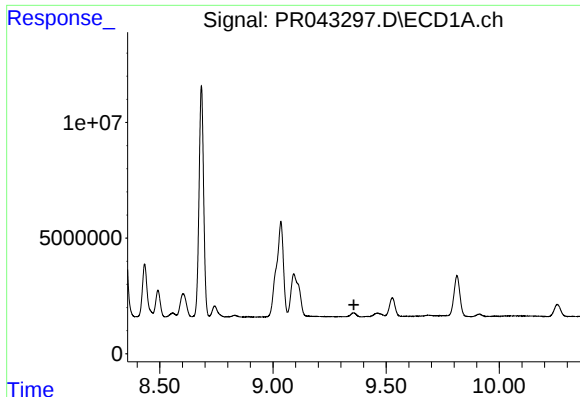
#42 AR-1268-2

R.T.: 9.092 min
Delta R.T.: -0.023 min
Response: 46301960
Conc: 87.74 ng/ml



#42 AR-1268-2

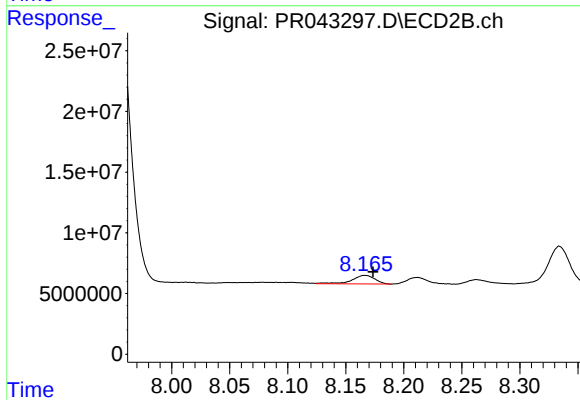
R.T.: 7.955 min
Delta R.T.: -0.007 min
Response: 310806711
Conc: 159.18 ng/ml



#43 AR-1268-3

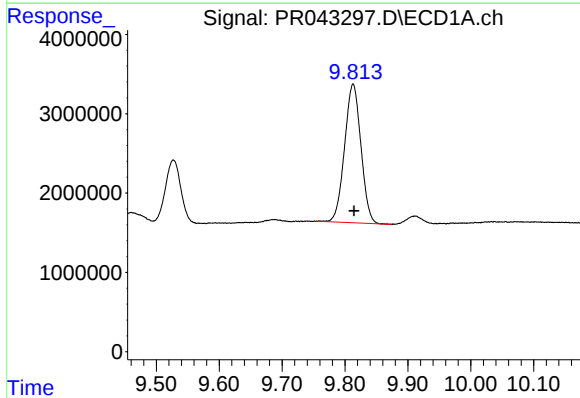
R.T.: 0.000 min
Exp R.T.: 9.357 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
JLLQ1MS



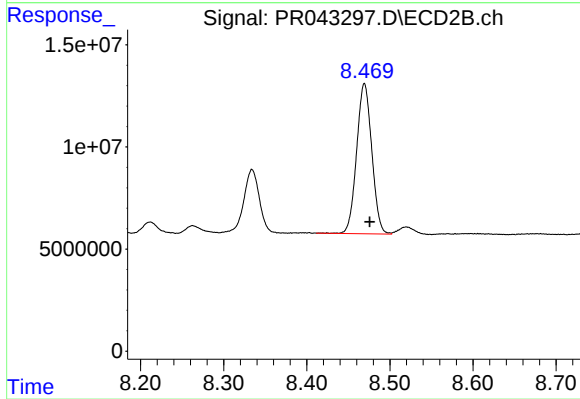
#43 AR-1268-3

R.T.: 8.167 min
Delta R.T.: -0.007 min
Response: 9698740
Conc: 5.85 ng/ml



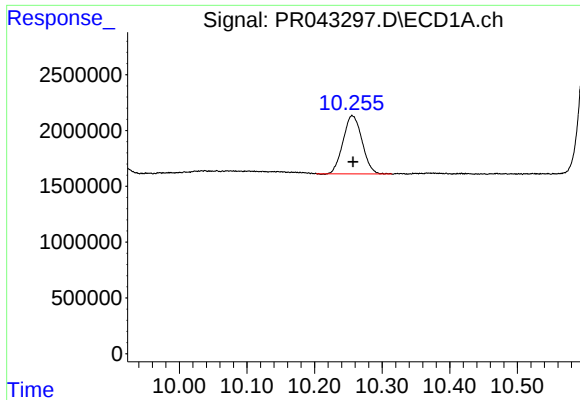
#44 AR-1268-4

R.T.: 9.813 min
Delta R.T.: -0.002 min
Response: 31612712
Conc: 167.61 ng/ml



#44 AR-1268-4

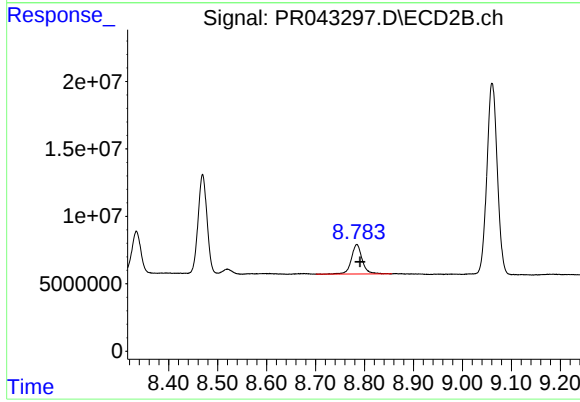
R.T.: 8.469 min
Delta R.T.: -0.006 min
Response: 93231183
Conc: 140.58 ng/ml



#45 AR-1268-5

R.T.: 10.256 min
Delta R.T.: -0.001 min
Response: 10173606
Conc: 7.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLLQ1MS



#45 AR-1268-5

R.T.: 8.784 min
Delta R.T.: -0.007 min
Response: 33905189
Conc: 7.20 ng/ml