

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091319\
 Data File : PR041077.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2019 18:14
 Operator : SM\AJ
 Sample : PB123088BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 ALCS88

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 23:24:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 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...	4.726	3.993	70052679	295.4E6	22.794	22.180
2)	SA Decachlor...	10.649	9.119	109.0E6	351.6E6	39.160	35.973
Target Compounds							
3)	L1 AR-1016-1	5.904	5.093	14581111	32982769	129.315	124.612
4)	L1 AR-1016-2	5.927	5.113	19973896	43991128	125.528	119.860
5)	L1 AR-1016-3	5.990	5.292	12158145	25235818	129.757	124.212
6)	L1 AR-1016-4	6.090	5.331	10132057	20778219	129.836	127.228
7)	L1 AR-1016-5	6.384	5.549	9982210	28546128	128.057	122.829
8)	L2 AR-1221-1	0.000	4.203	0	3605498	N.D.	30.048 #
9)	L2 AR-1221-2	0.000	4.295	0	6244529	N.D.	81.318 #
10)	L2 AR-1221-3	5.101	4.371	6714231	16905486	84.889	74.660
11)	L3 AR-1232-1	5.101	4.371	6714231	16905486	134.326	124.891
12)	L3 AR-1232-2	5.636	5.113	9601523	43991128	365.009	338.635
13)	L3 AR-1232-3	5.927	5.292	19973896	25235818	361.784	343.550
14)	L3 AR-1232-4	6.090	5.375	10132057	25105551	362.437	377.966
15)	L3 AR-1232-5	6.177	5.549	9058030	28546128	434.004	346.418
16)	L4 AR-1242-1	5.904	5.093	14581111	32982769	196.237	189.845
17)	L4 AR-1242-2	5.927	5.113	19973896	43991128	190.583	183.811
18)	L4 AR-1242-3	5.990	5.292	12158145	25235818	192.090	185.876
19)	L4 AR-1242-4	6.090	5.375	10132057	25105551	191.742	182.574
20)	L4 AR-1242-5	6.762f	5.904	8988363	26113799	142.646	113.862
21)	L5 AR-1248-1	5.904	5.093	14581111	32982769	249.017	238.066
22)	L5 AR-1248-2	6.177	5.331	9058030	20778219	108.619	105.637
23)	L5 AR-1248-3	6.384	5.375	9982210	25105551	105.809	123.567
24)	L5 AR-1248-4	6.762	5.549	8988363	28546128	76.910	108.281 #
25)	L5 AR-1248-5	6.762f	5.945	8988363	4957586	81.962	15.687 #
26)	L6 AR-1254-1	6.762	5.904	8988363	26113799	73.328	54.544 #
27)	L6 AR-1254-2	6.978	6.050	8555925	27014563	44.687	61.179 #
28)	L6 AR-1254-3	7.350	6.474	5225907	54138989	24.149	71.968 #
29)	L6 AR-1254-4	7.634	6.686	4266746	4644939	26.192	8.883 #
30)	L6 AR-1254-5	8.053	7.107	28525894	88579816	156.169	138.644
31)	L7 AR-1260-1	7.511	6.589	21205144	63657767	137.363	124.955
32)	L7 AR-1260-2	7.766	6.775	23971452	82289741	130.303	129.444
33)	L7 AR-1260-3	8.128	6.933	14856901	69854669	107.016	121.117
34)	L7 AR-1260-4	8.367	7.407	18195396	50884268	111.904	103.064
35)	L7 AR-1260-5	8.705	7.646	34480996	131.7E6	100.874	101.221
36)	L8 AR-1262-1	8.128	7.145	14856901	59487513	65.545	72.585
37)	L8 AR-1262-2	8.705	7.646	34480996	131.7E6	78.695	84.399
38)	L8 AR-1262-3	9.058	7.934	21574485	25536543	76.848	42.288 #
39)	L8 AR-1262-4	9.114	7.997	11559250	86551364	56.886	77.617 #
40)	L8 AR-1262-5	9.839	8.516	7734070	26925274	53.287	51.526
41)	L9 AR-1268-1	9.058	7.934	21574485	25536543	48.388	15.926 #
42)	L9 AR-1268-2	9.114	7.997	11559250	86551364	28.313	57.914 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091319\
 Data File : PR041077.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2019 18:14
 Operator : SM\AJ
 Sample : PB123088BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

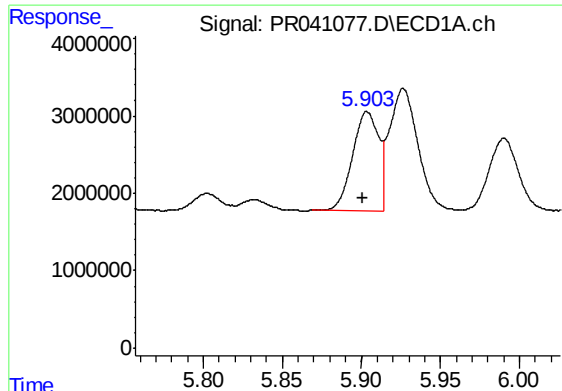
Instrument :
 ECD_R
 ClientSampleId :
 ALCS88

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 23:24:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 2019
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 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
43) L9	AR-1268-3	0.000	8.215	0	3086871	N.D.	2.470 #
44) L9	AR-1268-4	9.839	8.516	7734070	26925274	53.926	51.703
45) L9	AR-1268-5	10.285	8.836	2998855	9891844	2.644	2.681

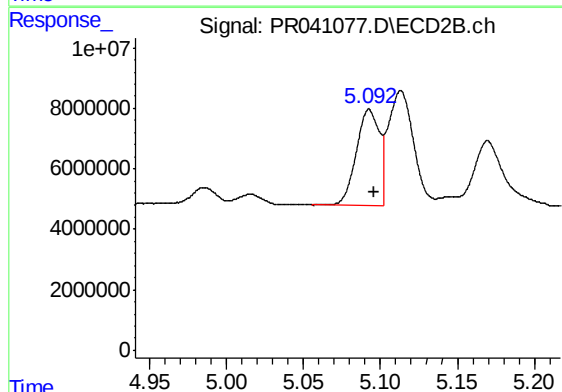
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

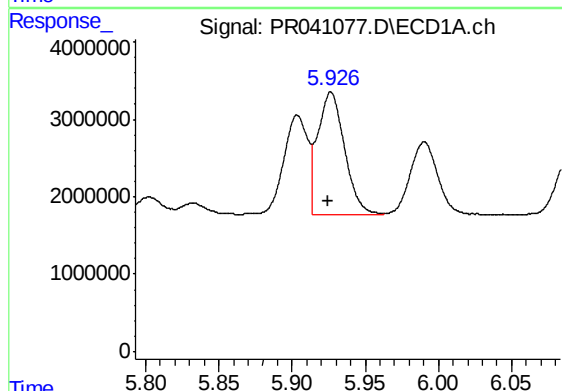
R.T.: 5.904 min
Delta R.T.: 0.003 min
Response: 14581111
Conc: 129.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS88



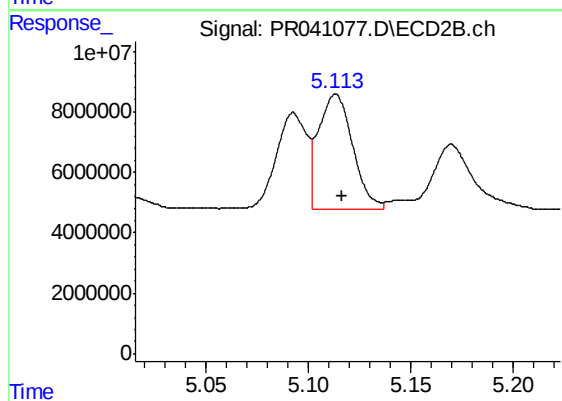
#3 AR-1016-1

R.T.: 5.093 min
Delta R.T.: -0.003 min
Response: 32982769
Conc: 124.61 ng/ml



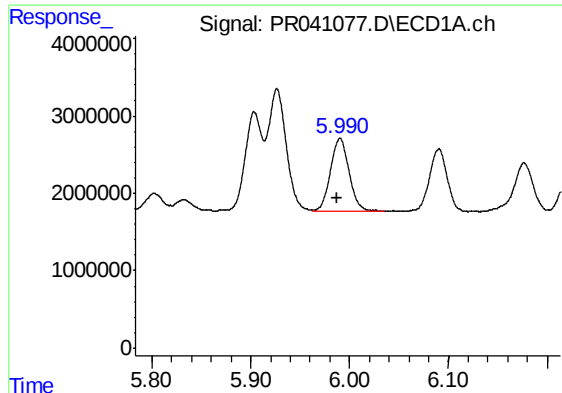
#4 AR-1016-2

R.T.: 5.927 min
Delta R.T.: 0.002 min
Response: 19973896
Conc: 125.53 ng/ml



#4 AR-1016-2

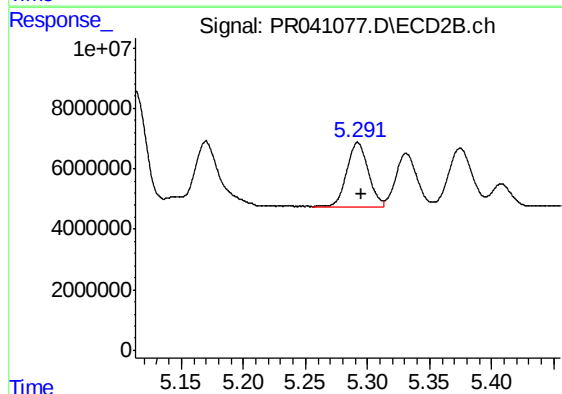
R.T.: 5.113 min
Delta R.T.: -0.003 min
Response: 43991128
Conc: 119.86 ng/ml



#5 AR-1016-3

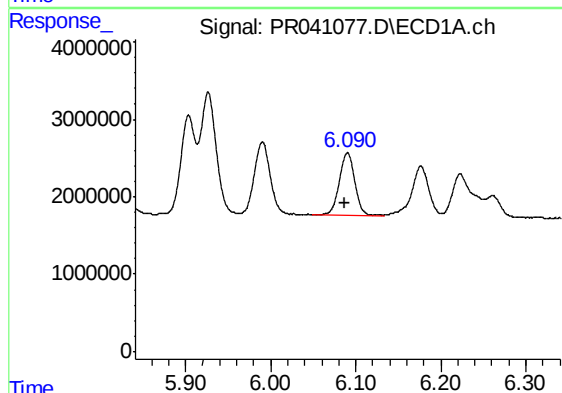
R.T.: 5.990 min
Delta R.T.: 0.003 min
Response: 12158145
Conc: 129.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS88



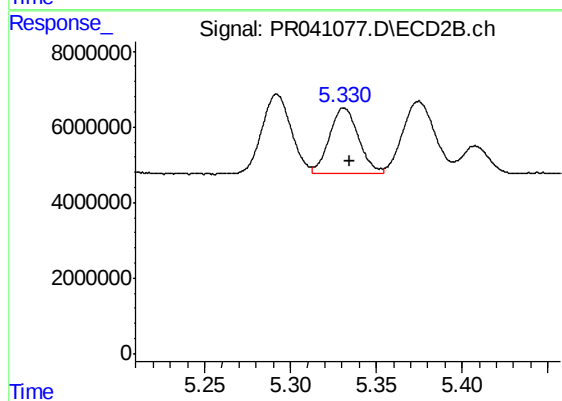
#5 AR-1016-3

R.T.: 5.292 min
Delta R.T.: -0.003 min
Response: 25235818
Conc: 124.21 ng/ml



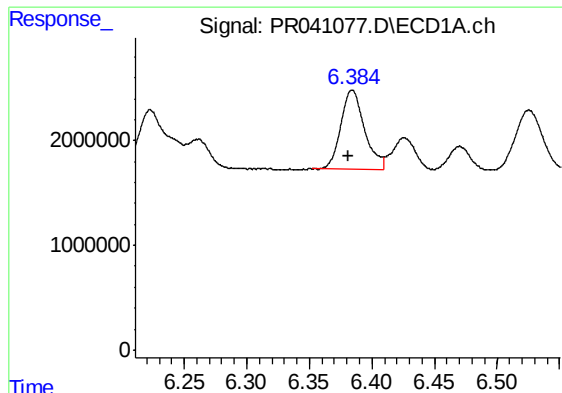
#6 AR-1016-4

R.T.: 6.090 min
Delta R.T.: 0.003 min
Response: 10132057
Conc: 129.84 ng/ml



#6 AR-1016-4

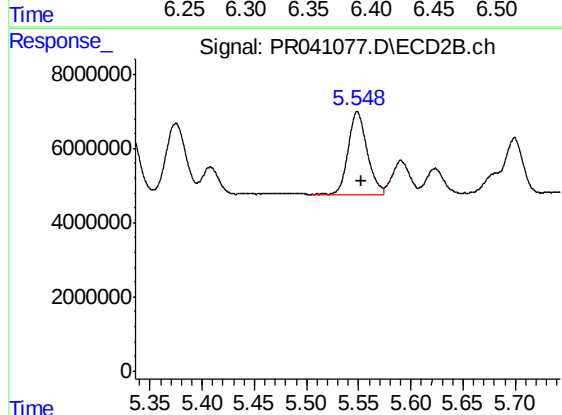
R.T.: 5.331 min
Delta R.T.: -0.003 min
Response: 20778219
Conc: 127.23 ng/ml



#7 AR-1016-5

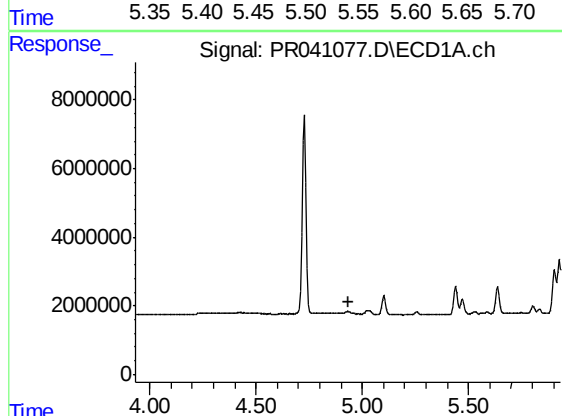
R.T.: 6.384 min
Delta R.T.: 0.003 min
Response: 9982210
Conc: 128.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS88



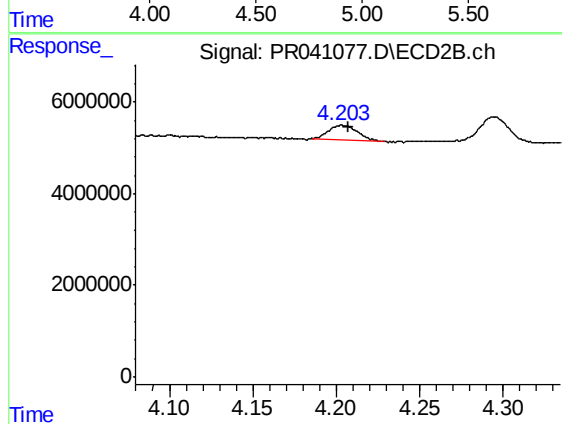
#7 AR-1016-5

R.T.: 5.549 min
Delta R.T.: -0.003 min
Response: 28546128
Conc: 122.83 ng/ml



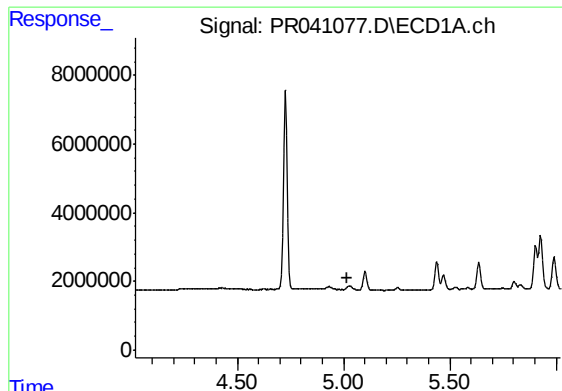
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.932 min
Response: 0
Conc: N.D.



#8 AR-1221-1

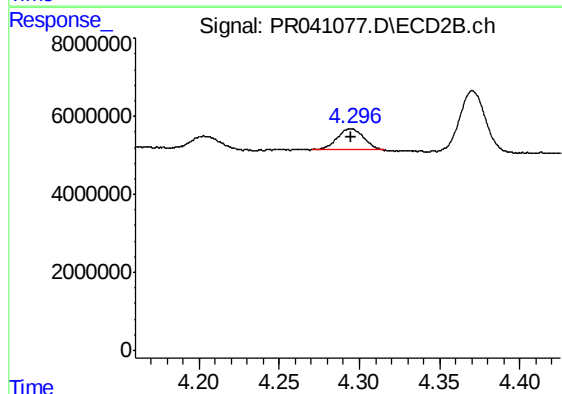
R.T.: 4.203 min
Delta R.T.: -0.004 min
Response: 3605498
Conc: 30.05 ng/ml



#9 AR-1221-2

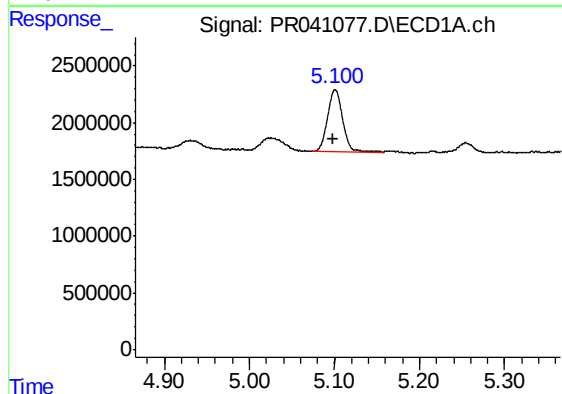
R.T.: 0.000 min
Exp R.T.: 5.020 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ALCS88



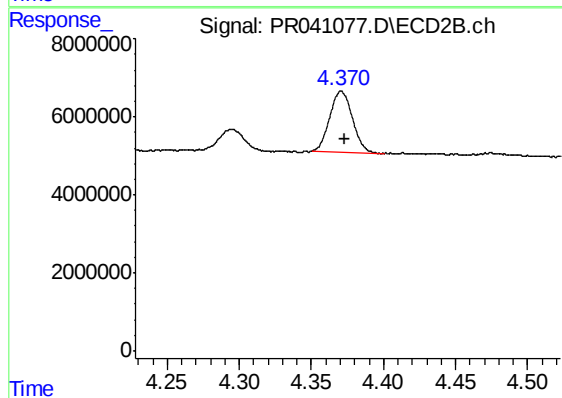
#9 AR-1221-2

R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 6244529
Conc: 81.32 ng/ml



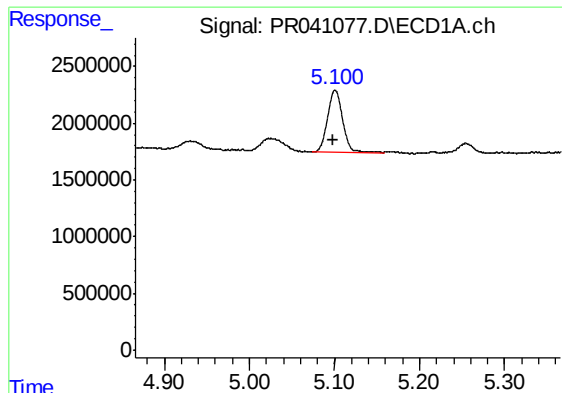
#10 AR-1221-3

R.T.: 5.101 min
Delta R.T.: 0.002 min
Response: 6714231
Conc: 84.89 ng/ml



#10 AR-1221-3

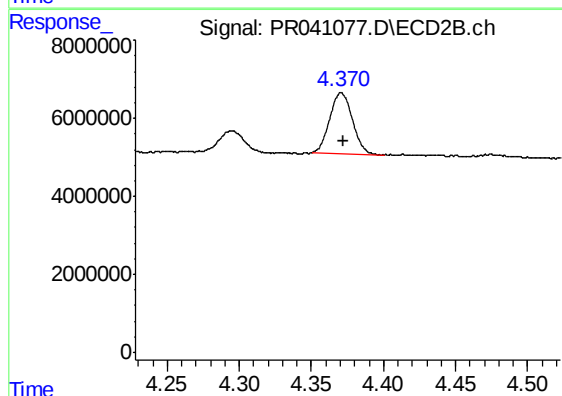
R.T.: 4.371 min
Delta R.T.: -0.002 min
Response: 16905486
Conc: 74.66 ng/ml



#11 AR-1232-1

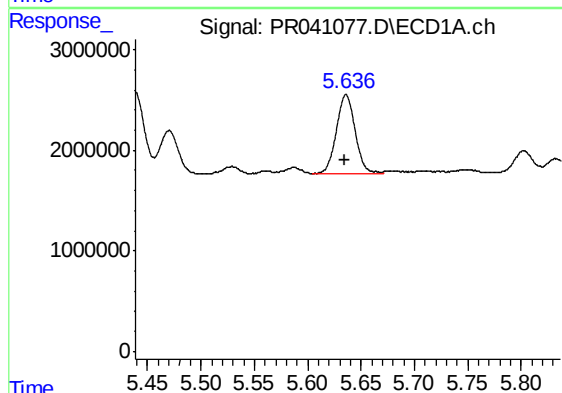
R.T.: 5.101 min
Delta R.T.: 0.003 min
Response: 6714231
Conc: 134.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS88



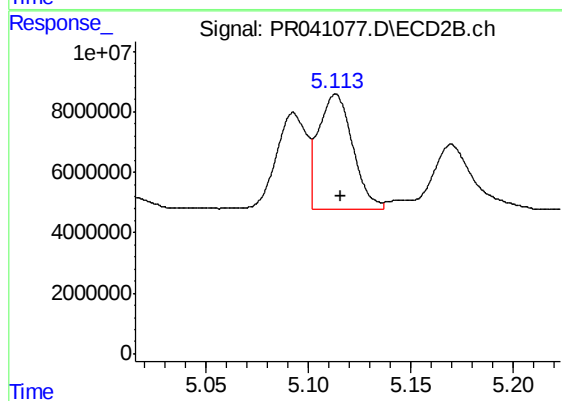
#11 AR-1232-1

R.T.: 4.371 min
Delta R.T.: -0.002 min
Response: 16905486
Conc: 124.89 ng/ml



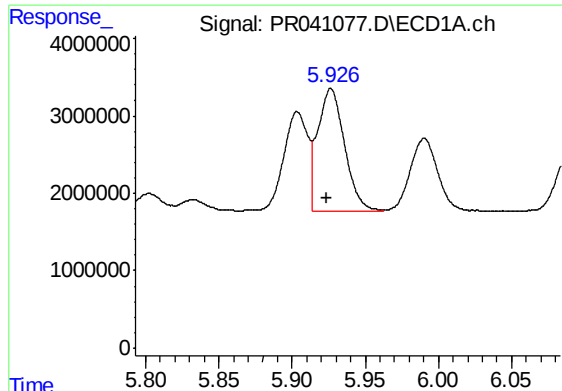
#12 AR-1232-2

R.T.: 5.636 min
Delta R.T.: 0.002 min
Response: 9601523
Conc: 365.01 ng/ml



#12 AR-1232-2

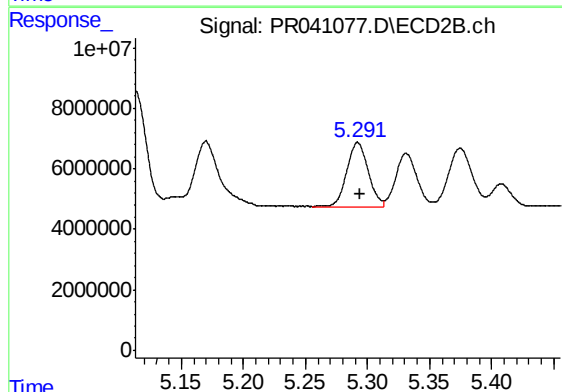
R.T.: 5.113 min
Delta R.T.: -0.003 min
Response: 43991128
Conc: 338.63 ng/ml



#13 AR-1232-3

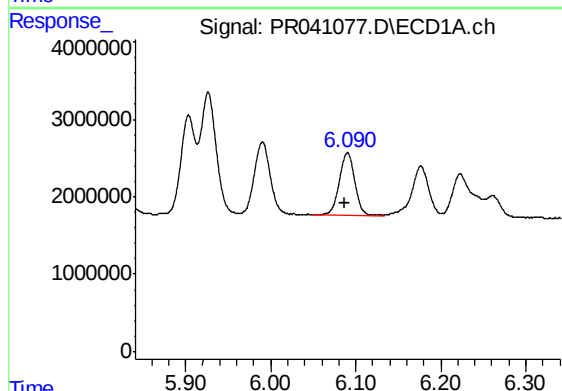
R.T.: 5.927 min
Delta R.T.: 0.003 min
Response: 19973896
Conc: 361.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS88



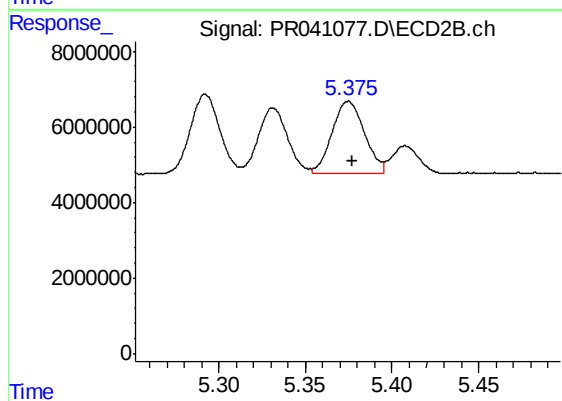
#13 AR-1232-3

R.T.: 5.292 min
Delta R.T.: -0.002 min
Response: 25235818
Conc: 343.55 ng/ml



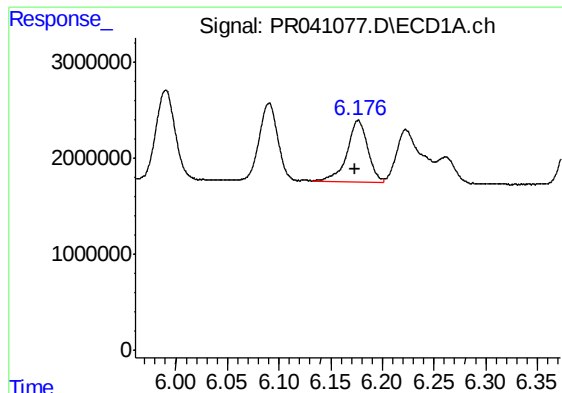
#14 AR-1232-4

R.T.: 6.090 min
Delta R.T.: 0.003 min
Response: 10132057
Conc: 362.44 ng/ml



#14 AR-1232-4

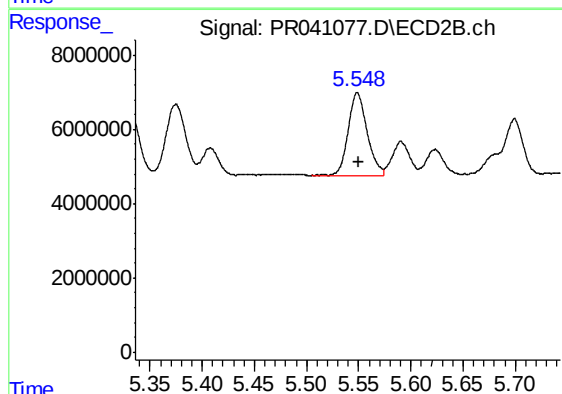
R.T.: 5.375 min
Delta R.T.: -0.002 min
Response: 25105551
Conc: 377.97 ng/ml



#15 AR-1232-5

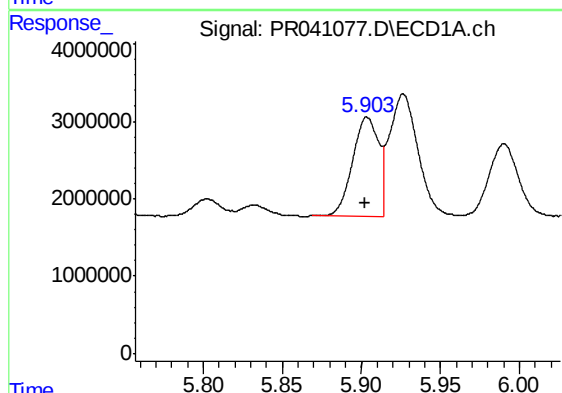
R.T.: 6.177 min
Delta R.T.: 0.003 min
Response: 9058030
Conc: 434.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS88



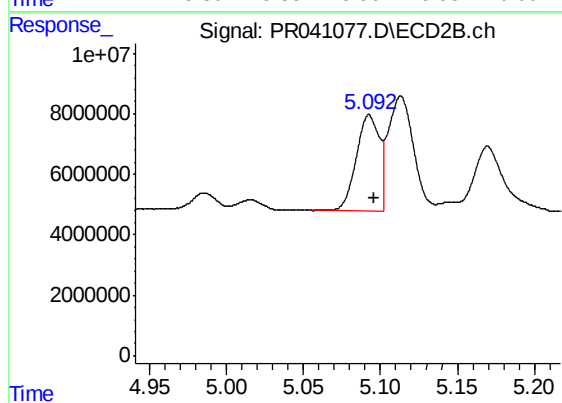
#15 AR-1232-5

R.T.: 5.549 min
Delta R.T.: -0.002 min
Response: 28546128
Conc: 346.42 ng/ml



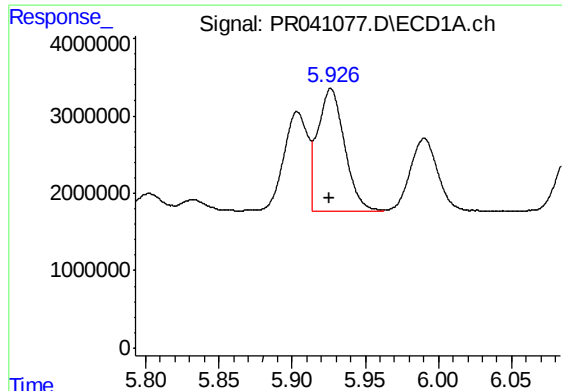
#16 AR-1242-1

R.T.: 5.904 min
Delta R.T.: 0.001 min
Response: 14581111
Conc: 196.24 ng/ml



#16 AR-1242-1

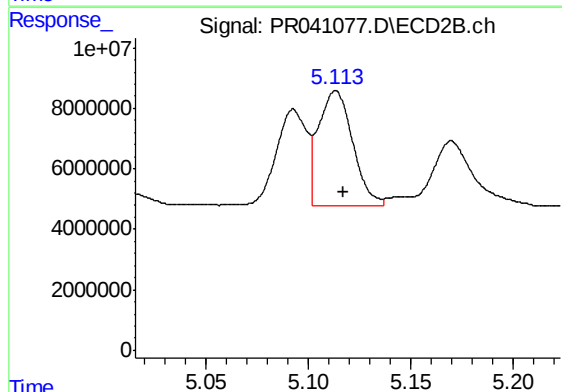
R.T.: 5.093 min
Delta R.T.: -0.003 min
Response: 32982769
Conc: 189.84 ng/ml



#17 AR-1242-2

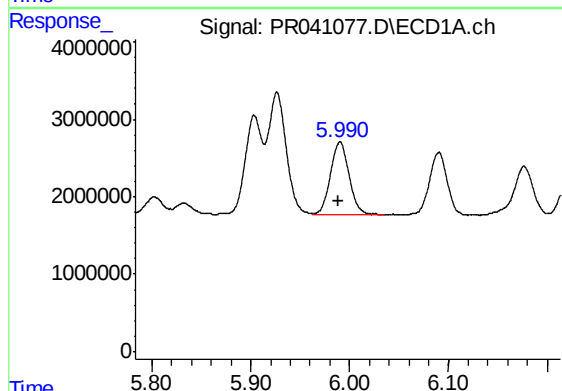
R.T.: 5.927 min
Delta R.T.: 0.001 min
Response: 19973896
Conc: 190.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS88



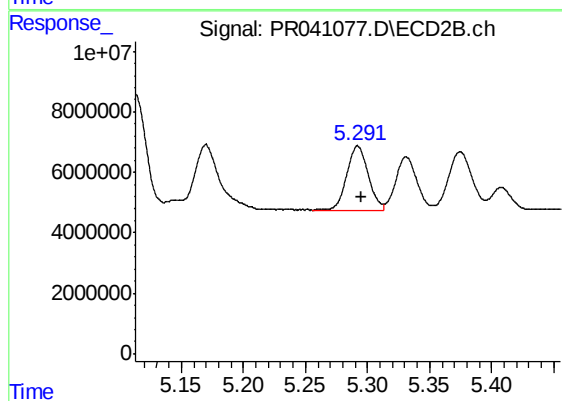
#17 AR-1242-2

R.T.: 5.113 min
Delta R.T.: -0.003 min
Response: 43991128
Conc: 183.81 ng/ml



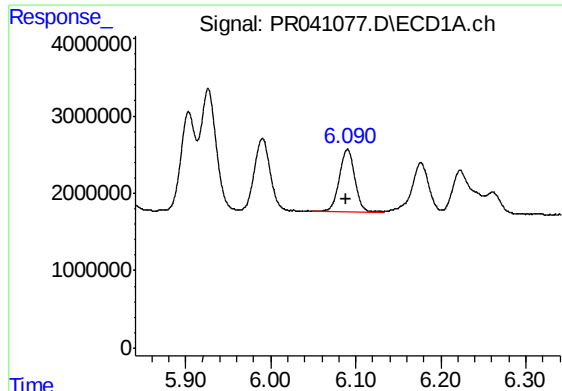
#18 AR-1242-3

R.T.: 5.990 min
Delta R.T.: 0.002 min
Response: 12158145
Conc: 192.09 ng/ml



#18 AR-1242-3

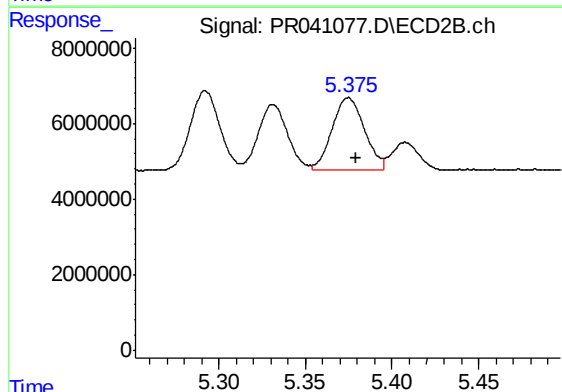
R.T.: 5.292 min
Delta R.T.: -0.003 min
Response: 25235818
Conc: 185.88 ng/ml



#19 AR-1242-4

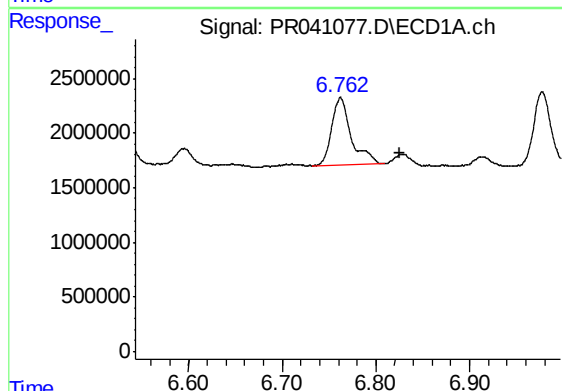
R.T.: 6.090 min
Delta R.T.: 0.002 min
Response: 10132057
Conc: 191.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS88



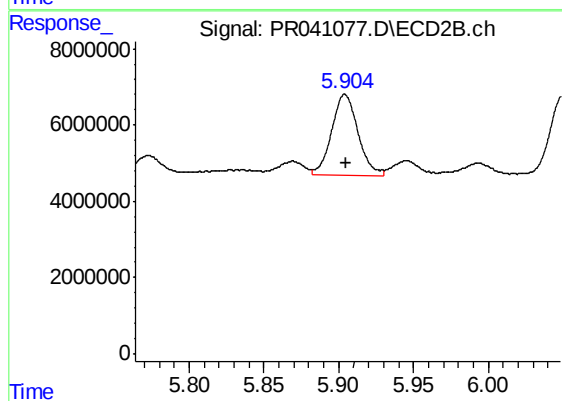
#19 AR-1242-4

R.T.: 5.375 min
Delta R.T.: -0.004 min
Response: 25105551
Conc: 182.57 ng/ml



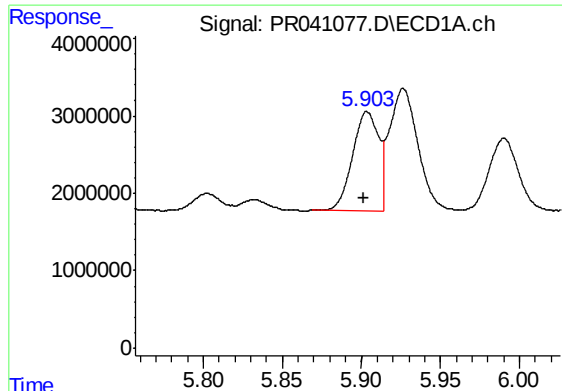
#20 AR-1242-5

R.T.: 6.762 min
Delta R.T.: -0.063 min
Response: 8988363
Conc: 142.65 ng/ml



#20 AR-1242-5

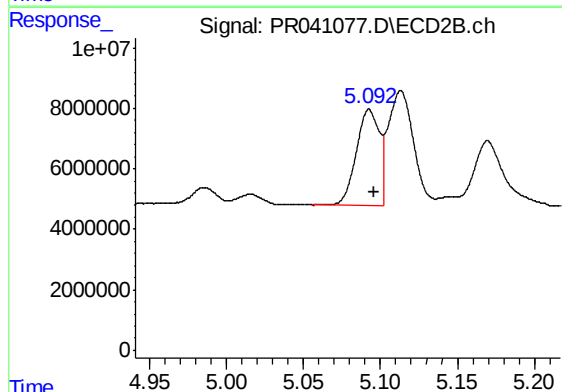
R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 26113799
Conc: 113.86 ng/ml



#21 AR-1248-1

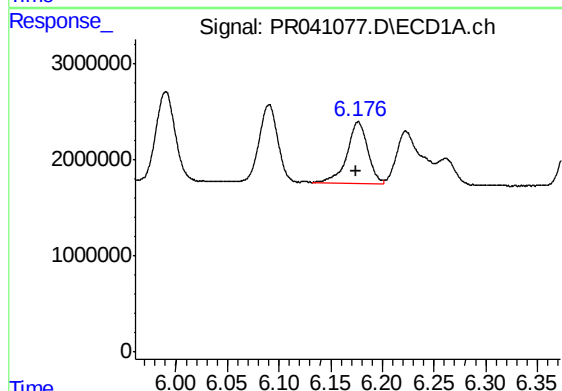
R.T.: 5.904 min
Delta R.T.: 0.002 min
Response: 14581111
Conc: 249.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS88



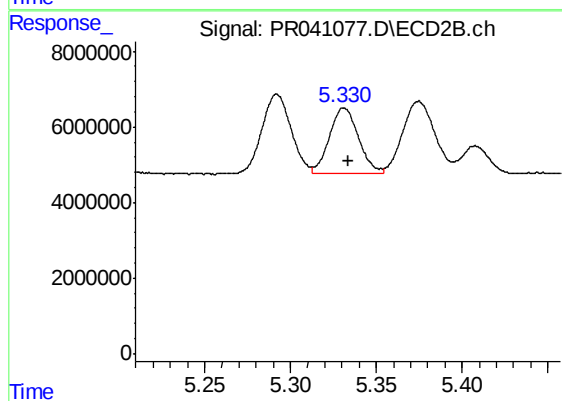
#21 AR-1248-1

R.T.: 5.093 min
Delta R.T.: -0.003 min
Response: 32982769
Conc: 238.07 ng/ml



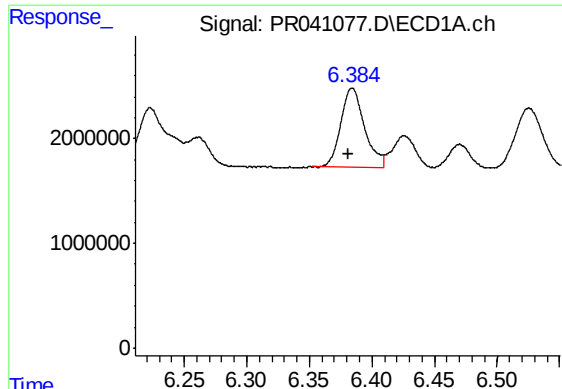
#22 AR-1248-2

R.T.: 6.177 min
Delta R.T.: 0.002 min
Response: 9058030
Conc: 108.62 ng/ml



#22 AR-1248-2

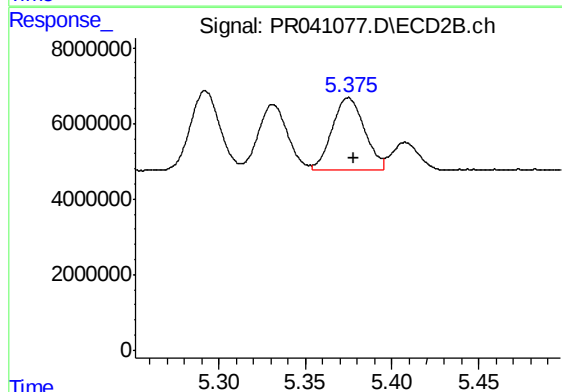
R.T.: 5.331 min
Delta R.T.: -0.003 min
Response: 20778219
Conc: 105.64 ng/ml



#23 AR-1248-3

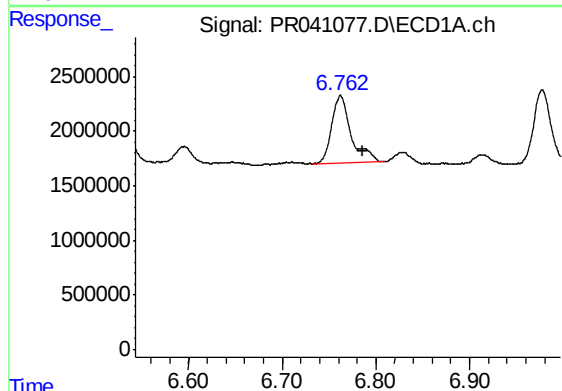
R.T.: 6.384 min
Delta R.T.: 0.003 min
Response: 9982210
Conc: 105.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS88



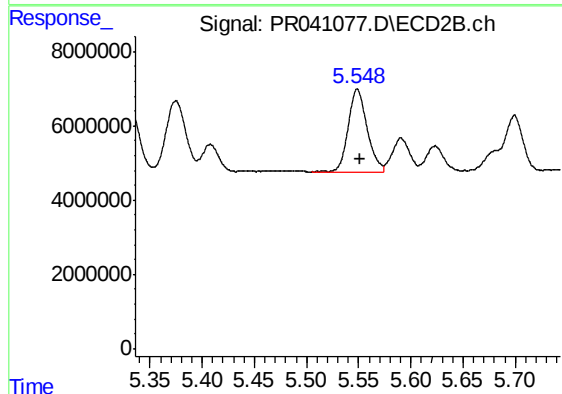
#23 AR-1248-3

R.T.: 5.375 min
Delta R.T.: -0.003 min
Response: 25105551
Conc: 123.57 ng/ml



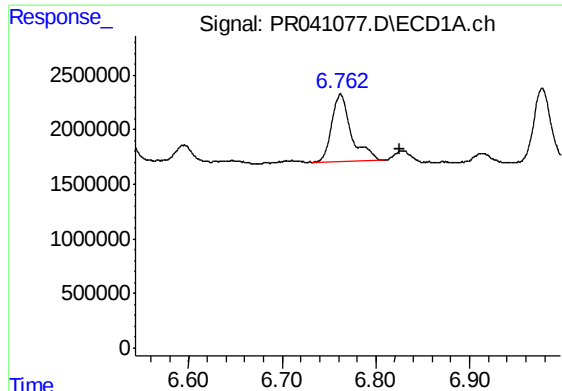
#24 AR-1248-4

R.T.: 6.762 min
Delta R.T.: -0.023 min
Response: 8988363
Conc: 76.91 ng/ml



#24 AR-1248-4

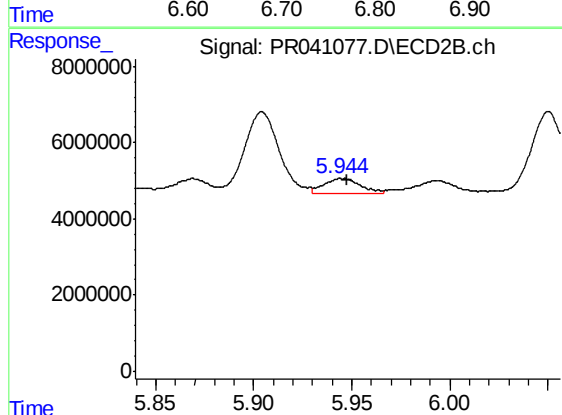
R.T.: 5.549 min
Delta R.T.: -0.003 min
Response: 28546128
Conc: 108.28 ng/ml



#25 AR-1248-5

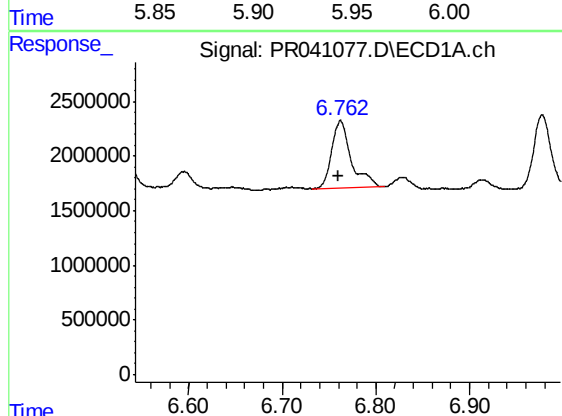
R.T.: 6.762 min
Delta R.T.: -0.063 min
Response: 8988363
Conc: 81.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS88



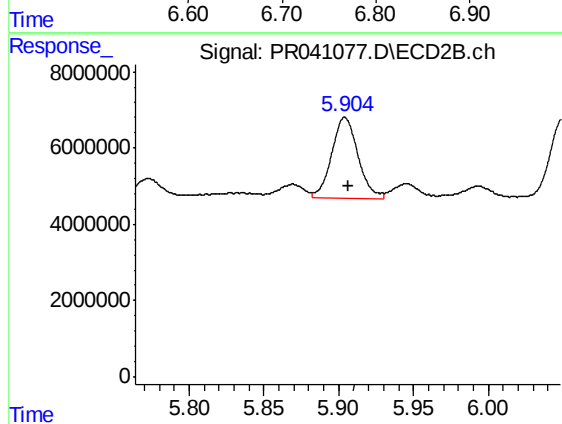
#25 AR-1248-5

R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 4957586
Conc: 15.69 ng/ml



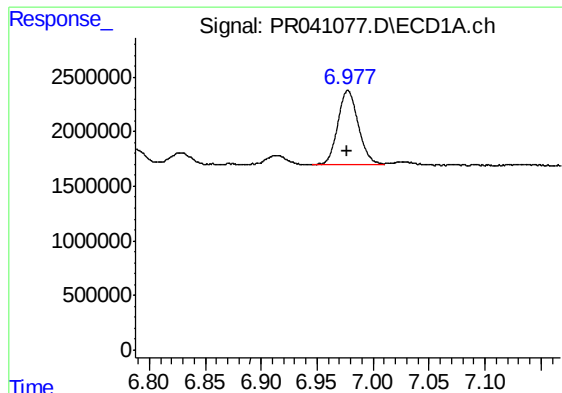
#26 AR-1254-1

R.T.: 6.762 min
Delta R.T.: 0.003 min
Response: 8988363
Conc: 73.33 ng/ml



#26 AR-1254-1

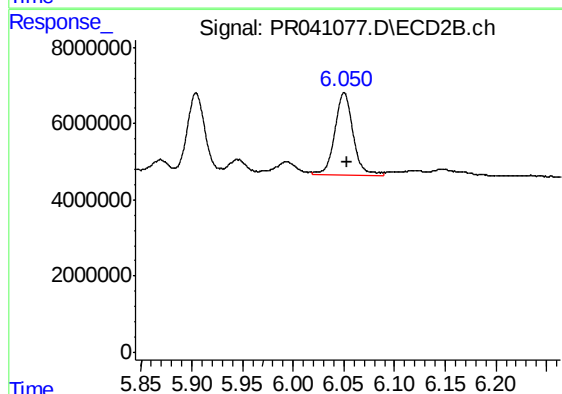
R.T.: 5.904 min
Delta R.T.: -0.002 min
Response: 26113799
Conc: 54.54 ng/ml



#27 AR-1254-2

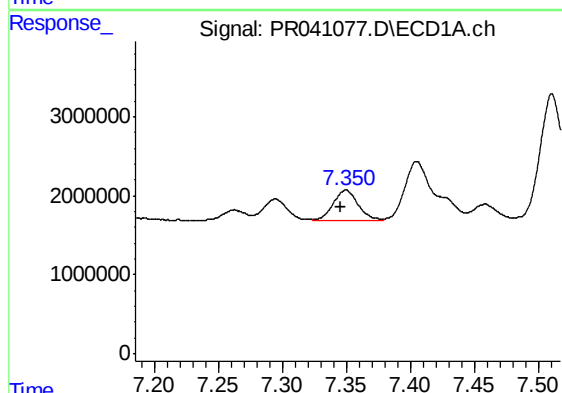
R.T.: 6.978 min
Delta R.T.: 0.001 min
Response: 8555925
Conc: 44.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS88



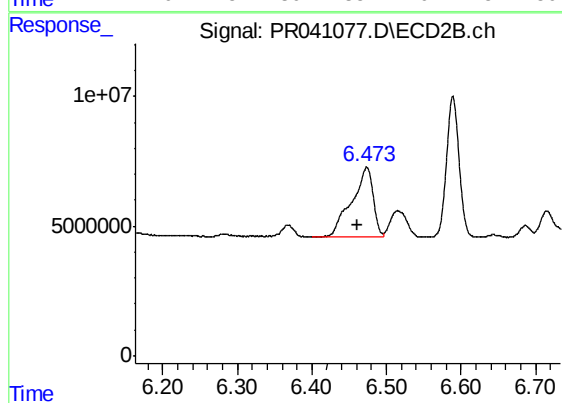
#27 AR-1254-2

R.T.: 6.050 min
Delta R.T.: -0.003 min
Response: 27014563
Conc: 61.18 ng/ml



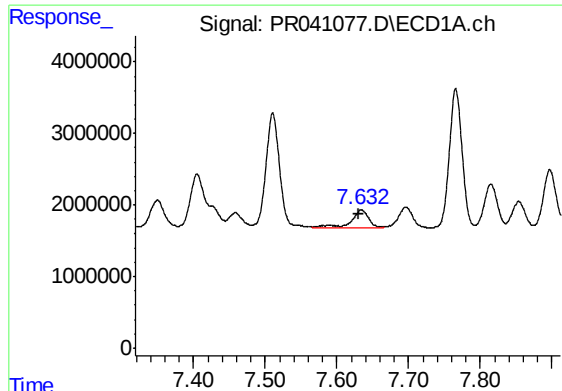
#28 AR-1254-3

R.T.: 7.350 min
Delta R.T.: 0.004 min
Response: 5225907
Conc: 24.15 ng/ml



#28 AR-1254-3

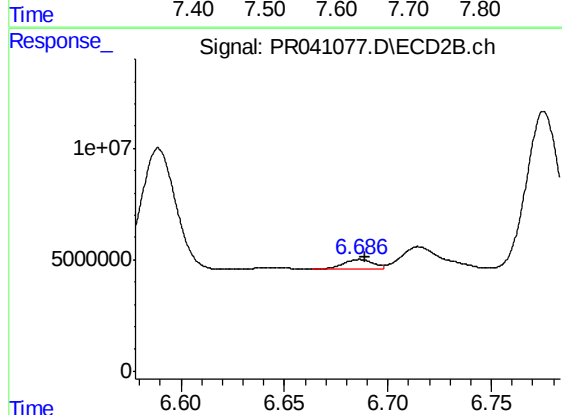
R.T.: 6.474 min
Delta R.T.: 0.012 min
Response: 54138989
Conc: 71.97 ng/ml



#29 AR-1254-4

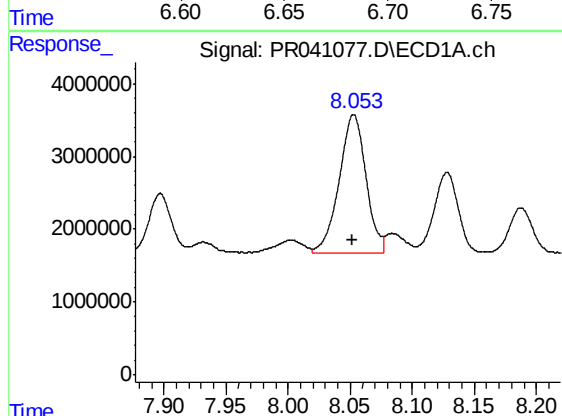
R.T.: 7.634 min
Delta R.T.: 0.003 min
Response: 4266746
Conc: 26.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS88



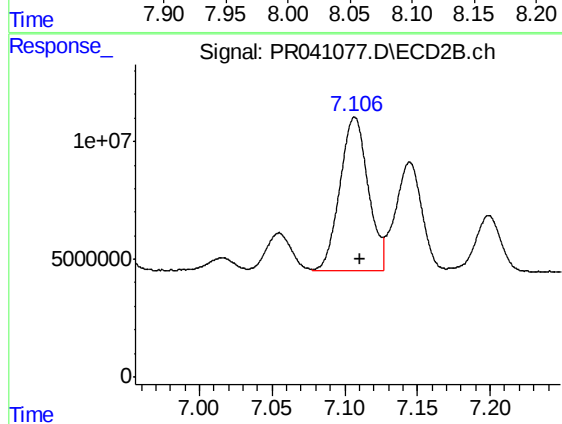
#29 AR-1254-4

R.T.: 6.686 min
Delta R.T.: -0.003 min
Response: 4644939
Conc: 8.88 ng/ml



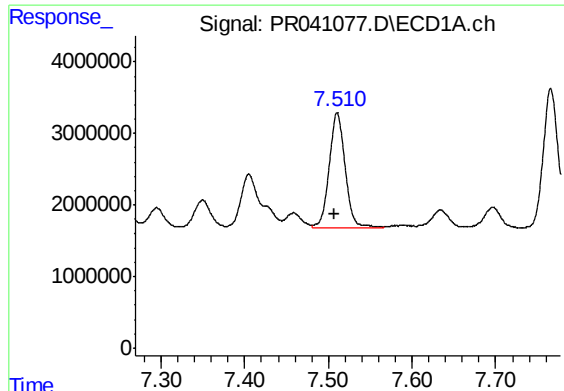
#30 AR-1254-5

R.T.: 8.053 min
Delta R.T.: 0.001 min
Response: 28525894
Conc: 156.17 ng/ml



#30 AR-1254-5

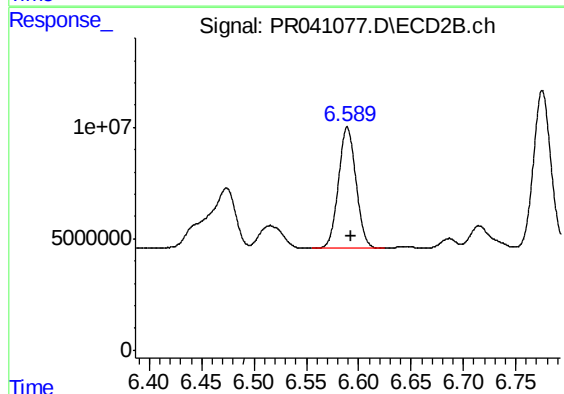
R.T.: 7.107 min
Delta R.T.: -0.004 min
Response: 88579816
Conc: 138.64 ng/ml



#31 AR-1260-1

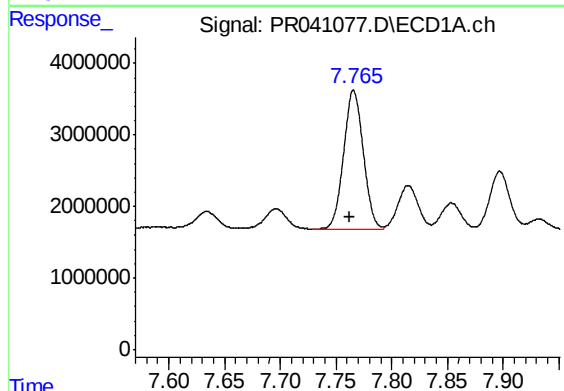
R.T.: 7.511 min
Delta R.T.: 0.003 min
Response: 21205144
Conc: 137.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS88



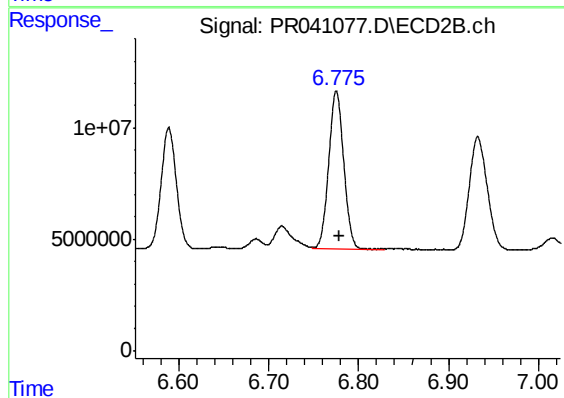
#31 AR-1260-1

R.T.: 6.589 min
Delta R.T.: -0.003 min
Response: 63657767
Conc: 124.95 ng/ml



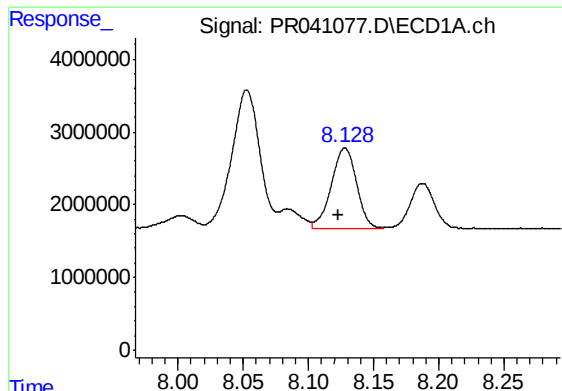
#32 AR-1260-2

R.T.: 7.766 min
Delta R.T.: 0.003 min
Response: 23971452
Conc: 130.30 ng/ml



#32 AR-1260-2

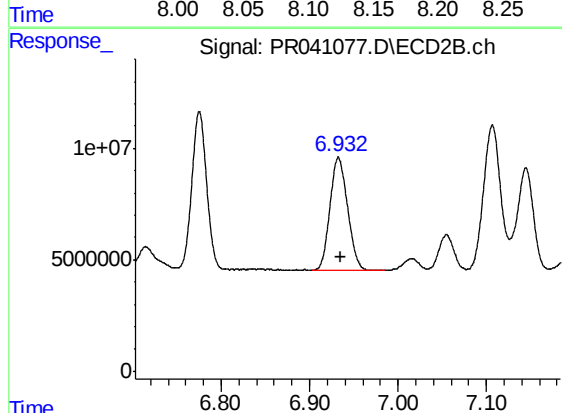
R.T.: 6.775 min
Delta R.T.: -0.003 min
Response: 82289741
Conc: 129.44 ng/ml



#33 AR-1260-3

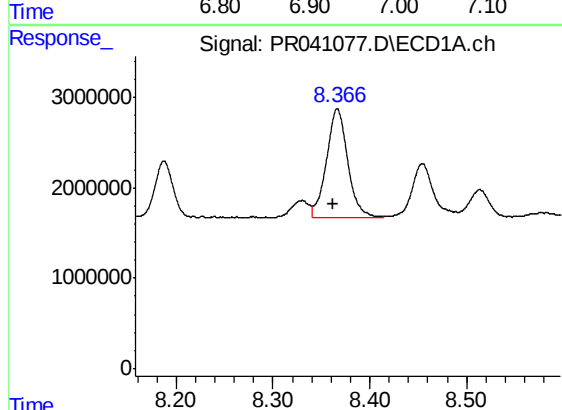
R.T.: 8.128 min
Delta R.T.: 0.005 min
Response: 14856901
Conc: 107.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS88



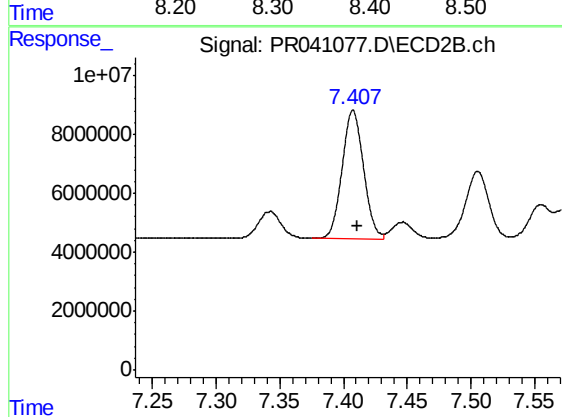
#33 AR-1260-3

R.T.: 6.933 min
Delta R.T.: -0.003 min
Response: 69854669
Conc: 121.12 ng/ml



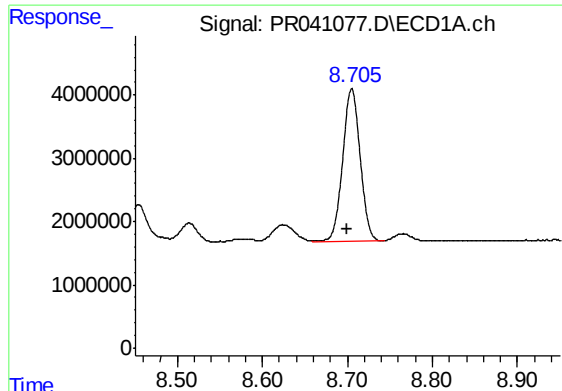
#34 AR-1260-4

R.T.: 8.367 min
Delta R.T.: 0.004 min
Response: 18195396
Conc: 111.90 ng/ml



#34 AR-1260-4

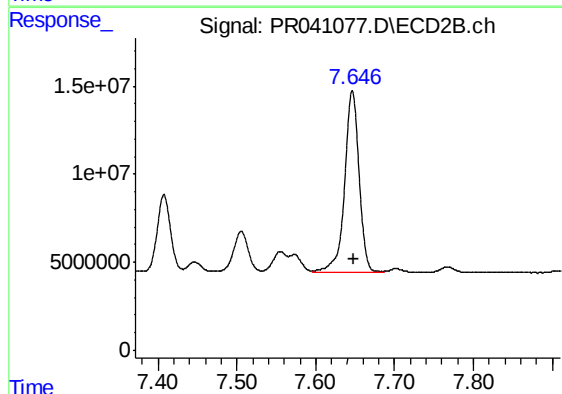
R.T.: 7.407 min
Delta R.T.: -0.003 min
Response: 50884268
Conc: 103.06 ng/ml



#35 AR-1260-5

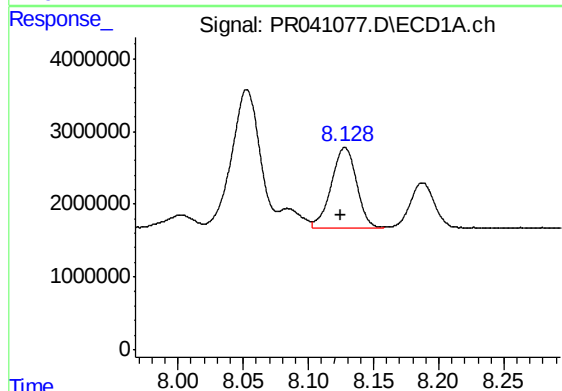
R.T.: 8.705 min
Delta R.T.: 0.005 min
Response: 34480996
Conc: 100.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS88



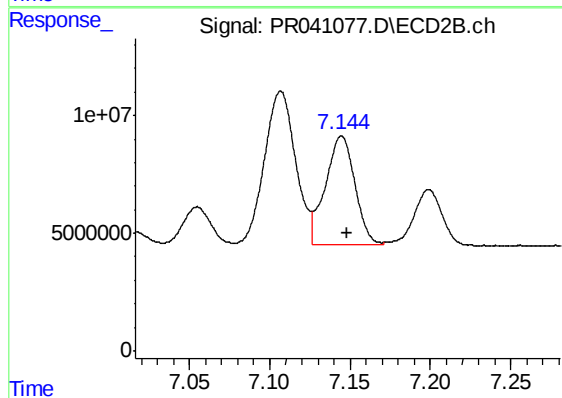
#35 AR-1260-5

R.T.: 7.646 min
Delta R.T.: -0.002 min
Response: 131694621
Conc: 101.22 ng/ml



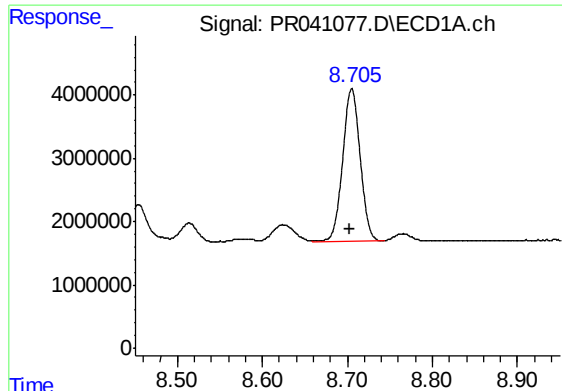
#36 AR-1262-1

R.T.: 8.128 min
Delta R.T.: 0.003 min
Response: 14856901
Conc: 65.55 ng/ml



#36 AR-1262-1

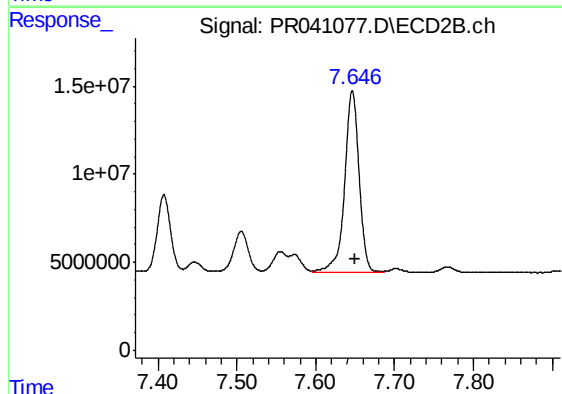
R.T.: 7.145 min
Delta R.T.: -0.003 min
Response: 59487513
Conc: 72.58 ng/ml



#37 AR-1262-2

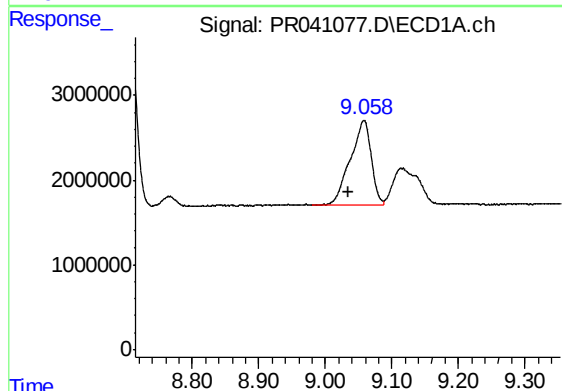
R.T.: 8.705 min
Delta R.T.: 0.002 min
Response: 34480996
Conc: 78.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS88



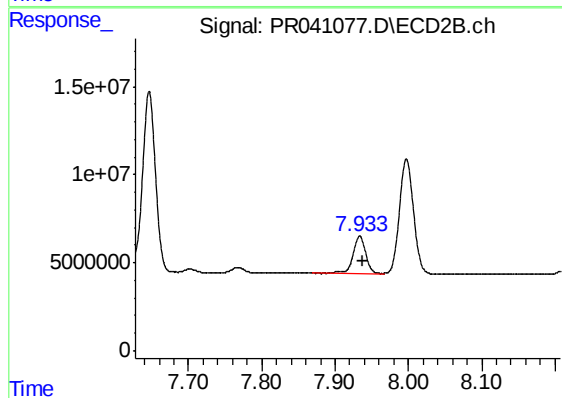
#37 AR-1262-2

R.T.: 7.646 min
Delta R.T.: -0.003 min
Response: 131694621
Conc: 84.40 ng/ml



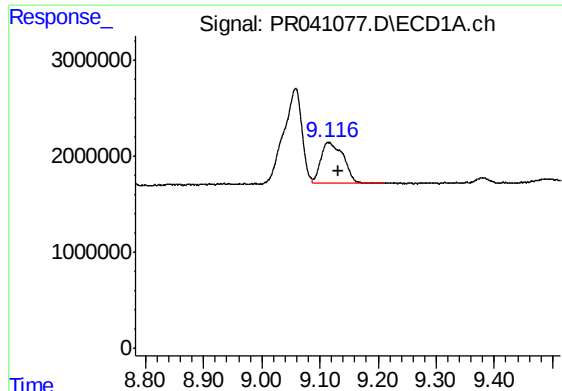
#38 AR-1262-3

R.T.: 9.058 min
Delta R.T.: 0.023 min
Response: 21574485
Conc: 76.85 ng/ml



#38 AR-1262-3

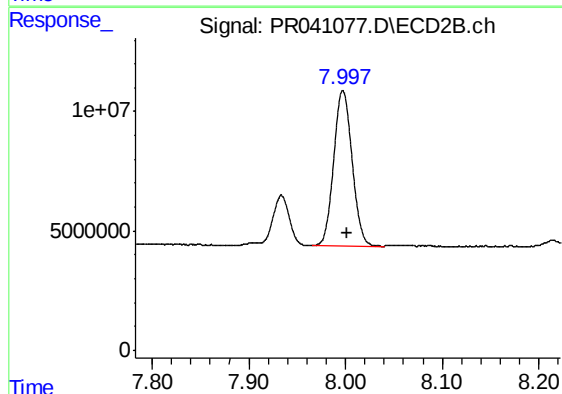
R.T.: 7.934 min
Delta R.T.: -0.003 min
Response: 25536543
Conc: 42.29 ng/ml



#39 AR-1262-4

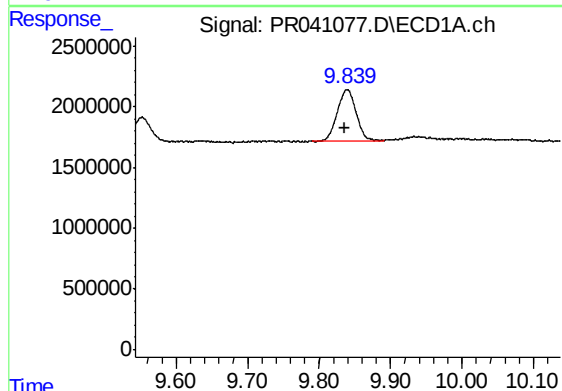
R.T.: 9.114 min
Delta R.T.: -0.018 min
Response: 11559250
Conc: 56.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS88



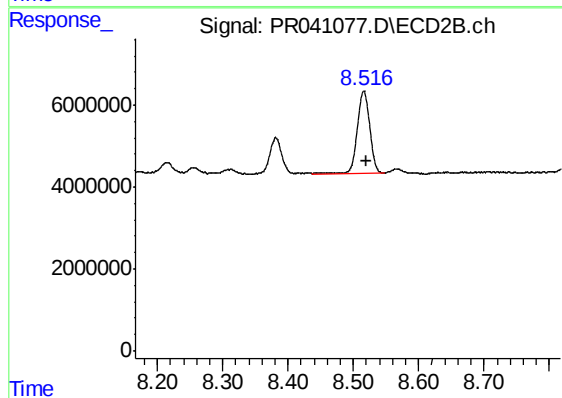
#39 AR-1262-4

R.T.: 7.997 min
Delta R.T.: -0.004 min
Response: 86551364
Conc: 77.62 ng/ml



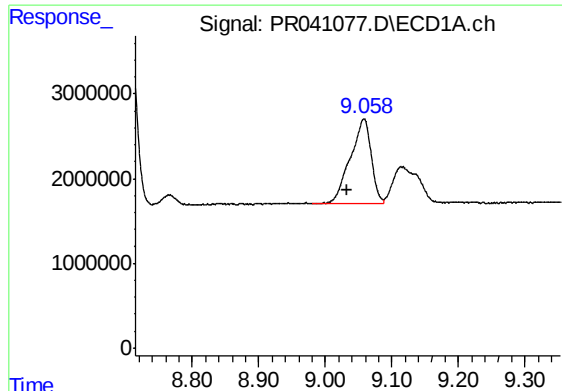
#40 AR-1262-5

R.T.: 9.839 min
Delta R.T.: 0.004 min
Response: 7734070
Conc: 53.29 ng/ml



#40 AR-1262-5

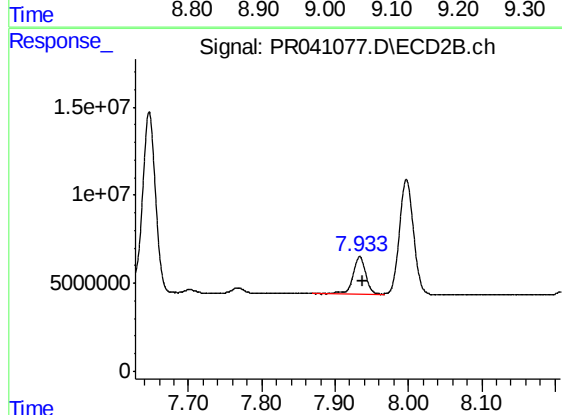
R.T.: 8.516 min
Delta R.T.: -0.004 min
Response: 26925274
Conc: 51.53 ng/ml



#41 AR-1268-1

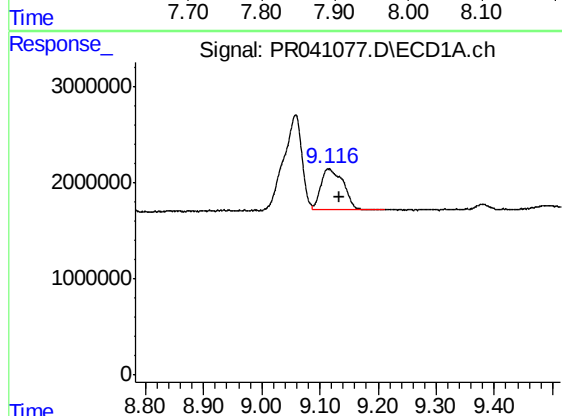
R.T.: 9.058 min
Delta R.T.: 0.026 min
Response: 21574485
Conc: 48.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS88



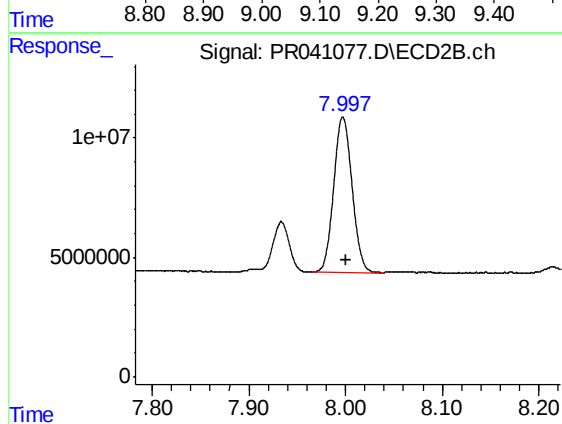
#41 AR-1268-1

R.T.: 7.934 min
Delta R.T.: -0.003 min
Response: 25536543
Conc: 15.93 ng/ml



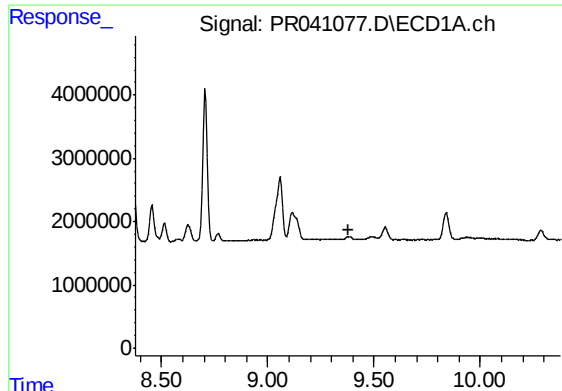
#42 AR-1268-2

R.T.: 9.114 min
Delta R.T.: -0.019 min
Response: 11559250
Conc: 28.31 ng/ml



#42 AR-1268-2

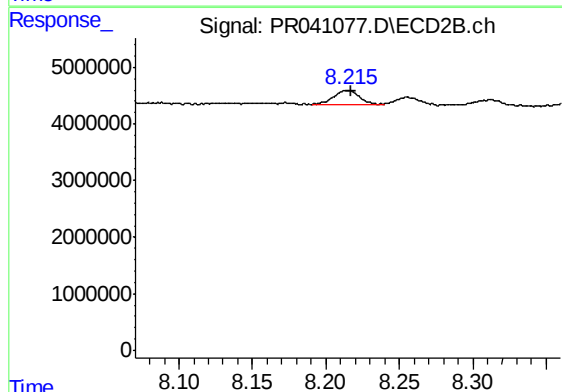
R.T.: 7.997 min
Delta R.T.: -0.004 min
Response: 86551364
Conc: 57.91 ng/ml



#43 AR-1268-3

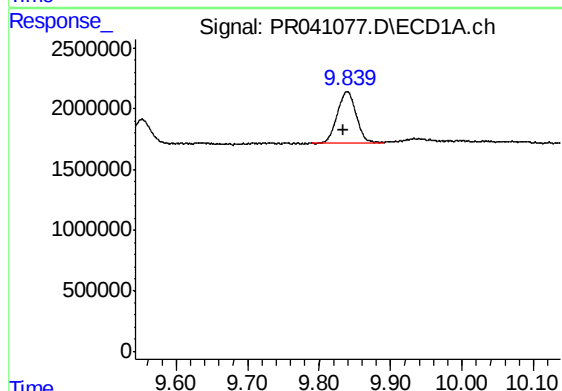
R.T.: 0.000 min
Exp R.T.: 9.378 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ALCS88



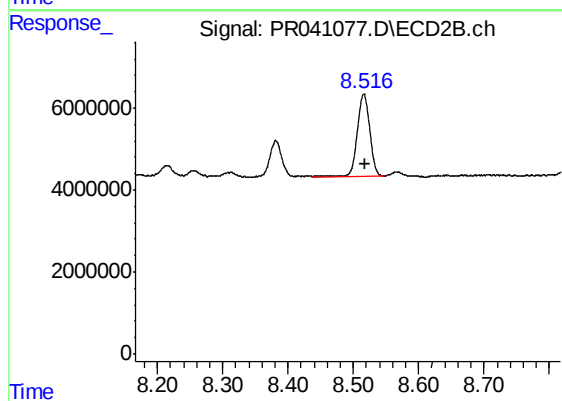
#43 AR-1268-3

R.T.: 8.215 min
Delta R.T.: -0.003 min
Response: 3086871
Conc: 2.47 ng/ml



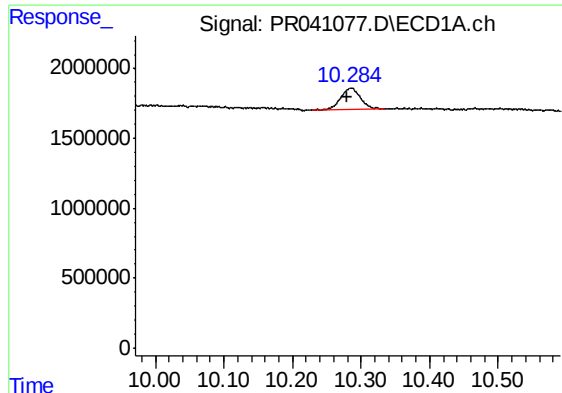
#44 AR-1268-4

R.T.: 9.839 min
Delta R.T.: 0.004 min
Response: 7734070
Conc: 53.93 ng/ml



#44 AR-1268-4

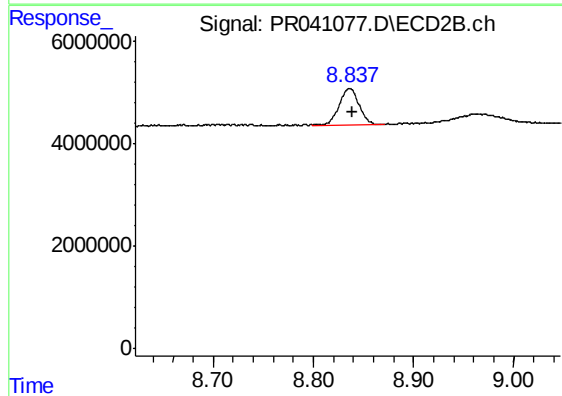
R.T.: 8.516 min
Delta R.T.: -0.002 min
Response: 26925274
Conc: 51.70 ng/ml



#45 AR-1268-5

R.T.: 10.285 min
Delta R.T.: 0.005 min
Response: 2998855
Conc: 2.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS88



#45 AR-1268-5

R.T.: 8.836 min
Delta R.T.: -0.002 min
Response: 9891844
Conc: 2.68 ng/ml