

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100519\
 Data File : PR041987.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2019 05:33
 Operator : SM\AJ
 Sample : PB123641BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 ALCS41

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 04:21:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 04 06:59:35 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...	4.719	3.984	95774627	369.7E6	23.544	24.178
2)	SA Decachlor...	10.632	9.093	117.3E6	399.4E6	34.149	40.290
Target Compounds							
3)	L1 AR-1016-1	5.895	5.082	17905579	71076931	124.717	130.753
4)	L1 AR-1016-2	5.919	5.102	24800901	96454231	121.278	133.635
5)	L1 AR-1016-3	5.982	5.280	15465294	48568749	127.209	133.194
6)	L1 AR-1016-4	6.081	5.320	12549149	35898027	123.393	129.358
7)	L1 AR-1016-5	6.376	5.537	12648372	37794952	127.029	122.229
8)	L2 AR-1221-1	4.922	4.195	1547960	7699242	37.704	45.574
9)	L2 AR-1221-2	5.017	4.286	2994662	13037822	103.217	106.087
10)	L2 AR-1221-3	5.094	4.362	8744286	36802639	89.876	94.487
11)	L3 AR-1232-1	5.094	4.362	8744286	36802639	104.499	108.011
12)	L3 AR-1232-2	5.628	5.102	12552179	96454231	291.377	283.251
13)	L3 AR-1232-3	5.919	5.280	24800901	48568749	275.825	288.391
14)	L3 AR-1232-4	6.081	5.363	12549149	42684125	281.980	299.666
15)	L3 AR-1232-5	6.168	5.537	11268353	37794952	343.007	280.480
16)	L4 AR-1242-1	5.895	5.082	17905579	71076931	162.371	167.358
17)	L4 AR-1242-2	5.919	5.102	24800901	96454231	159.748	169.483
18)	L4 AR-1242-3	5.982	5.280	15465294	48568749	164.824	168.287
19)	L4 AR-1242-4	6.081	5.363	12549149	42684125	161.533	163.967
20)	L4 AR-1242-5	6.819	5.891	1570147	27624244	17.939	104.127 #
21)	L5 AR-1248-1	5.895	5.082	17905579	71076931	215.179	218.068
22)	L5 AR-1248-2	6.168	5.320	11268353	35898027	98.195	96.378
23)	L5 AR-1248-3	6.376	5.363	12648372	42684125	97.552	114.031
24)	L5 AR-1248-4	6.753	5.537	11380981	37794952	74.169	94.896 #
25)	L5 AR-1248-5	6.819	5.932	1570147	5740752	10.844	16.437 #
26)	L6 AR-1254-1	6.753	5.891	11380981	27624244	69.689	52.147 #
27)	L6 AR-1254-2	6.968	6.037	10069012	31592020	40.585	63.013 #
28)	L6 AR-1254-3	7.339	6.459	5748091	73112584	21.300	77.495 #
29)	L6 AR-1254-4	7.624	6.672	4377563	7599651	21.569	11.478 #
30)	L6 AR-1254-5	8.042	7.090	31183766	100.6E6	146.641	117.172
31)	L7 AR-1260-1	7.501	6.574	22897818	78555036	120.855	132.522
32)	L7 AR-1260-2	7.756	6.760	26773504	98436130	113.274	120.739
33)	L7 AR-1260-3	8.116	6.917	16281995	83792483	86.732	121.208 #
34)	L7 AR-1260-4	8.355	7.390	19537645	56965476	97.218	98.167
35)	L7 AR-1260-5	8.694	7.628	36056132	155.5E6	83.292	95.624
36)	L8 AR-1262-1	8.177	7.090	8647049	100.6E6	91.862	230.871 #
37)	L8 AR-1262-2	8.694	7.628	36056132	155.5E6	83.591	90.312
38)	L8 AR-1262-3	9.046	7.914	23122002	28172004	82.951	43.161 #
39)	L8 AR-1262-4	9.102	7.977	12462705	97703944	60.833	83.610 #
40)	L8 AR-1262-5	9.825	8.494	8927872	30660458	61.892	57.319
41)	L9 AR-1268-1	9.046	7.914	23122002	28172004	42.098	12.849 #

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Integration File signal 1: autoint1.e
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 Quant Title : GC EXTRACTABLES
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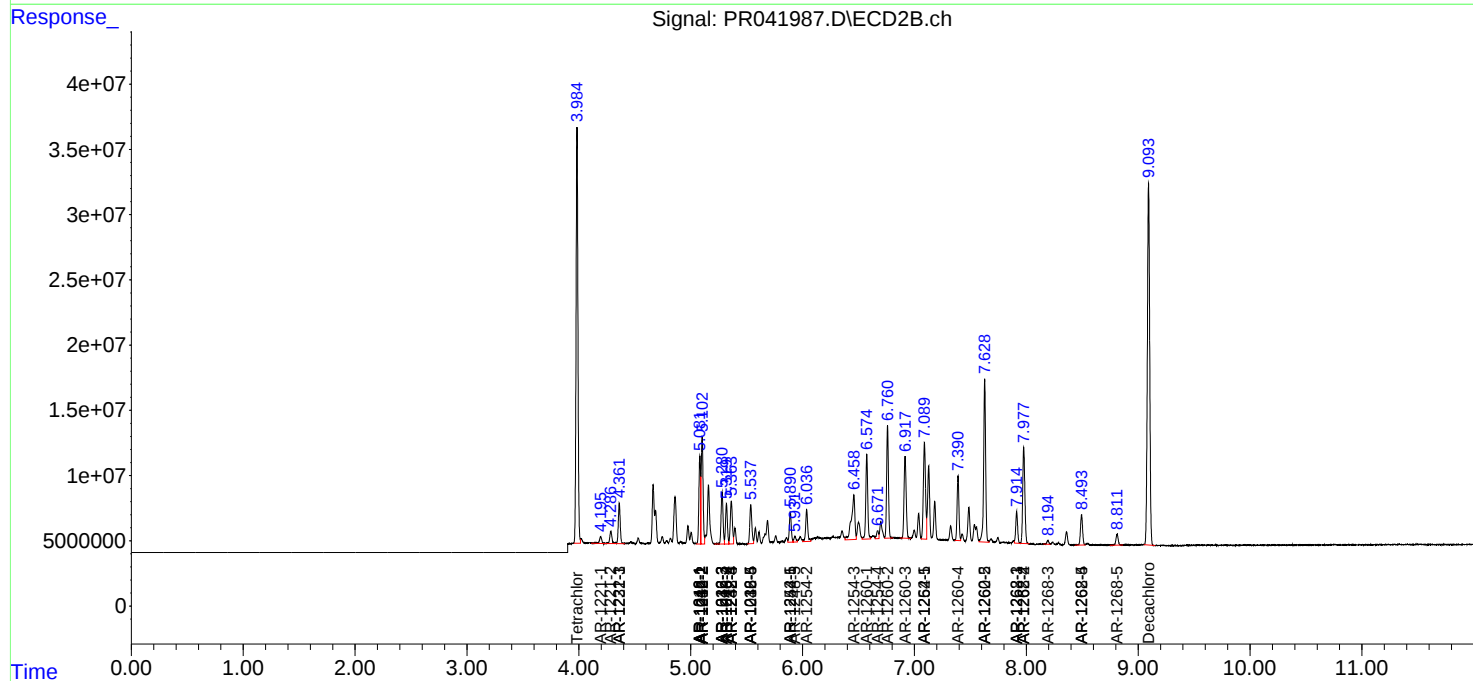
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

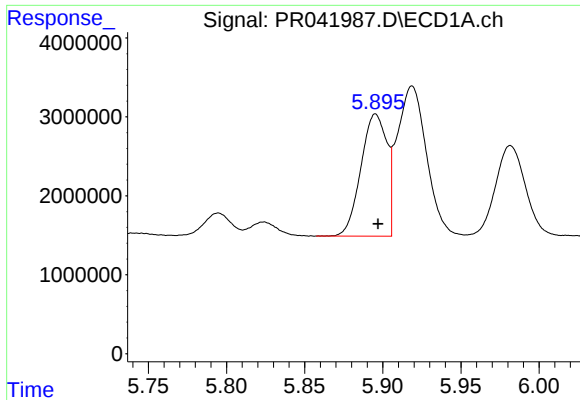
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.102	7.977	12462705	97703944	25.067	49.102 #
43) L9	AR-1268-3	9.368	8.193	945646	3632555	2.318	2.168
44) L9	AR-1268-4	9.825	8.494	8927872	30660458	50.886	47.510
45) L9	AR-1268-5	10.268	8.812	3452123	11505281	2.649	2.507

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

Instrument :
ECD_R
ClientSampleId :
ALCS41

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

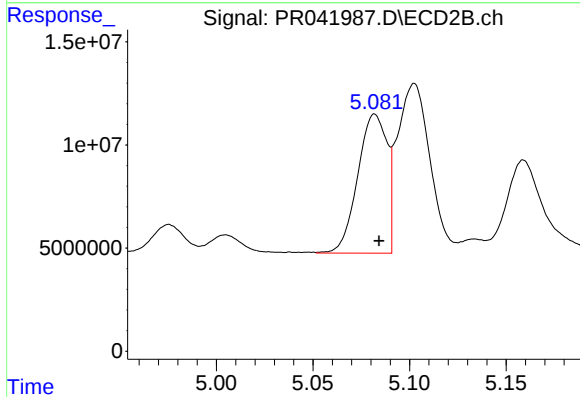




#3 AR-1016-1

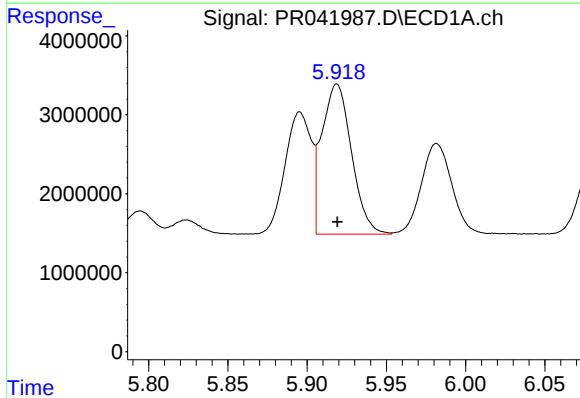
R.T.: 5.895 min
Delta R.T.: -0.002 min
Response: 17905579
Conc: 124.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS41



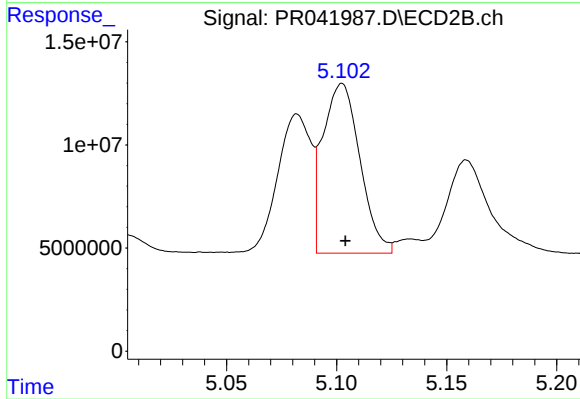
#3 AR-1016-1

R.T.: 5.082 min
Delta R.T.: -0.002 min
Response: 71076931
Conc: 130.75 ng/ml



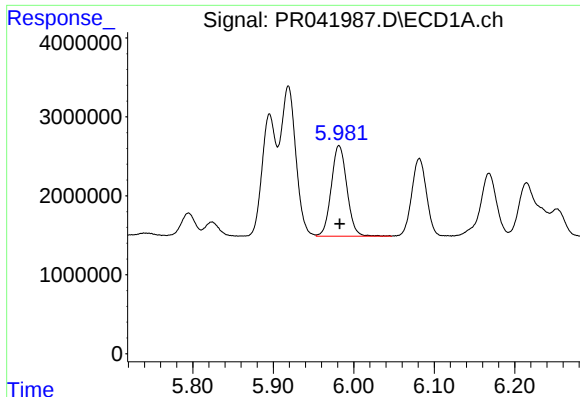
#4 AR-1016-2

R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 24800901
Conc: 121.28 ng/ml



#4 AR-1016-2

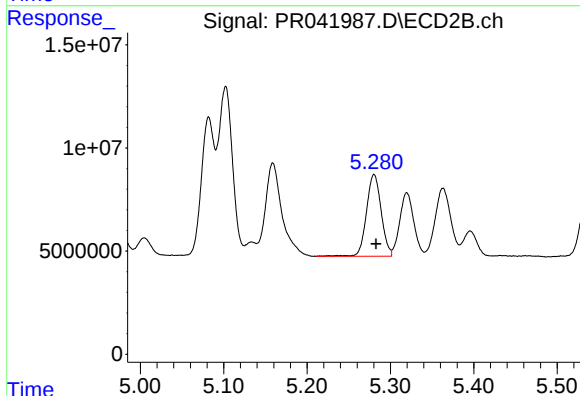
R.T.: 5.102 min
Delta R.T.: -0.002 min
Response: 96454231
Conc: 133.63 ng/ml



#5 AR-1016-3

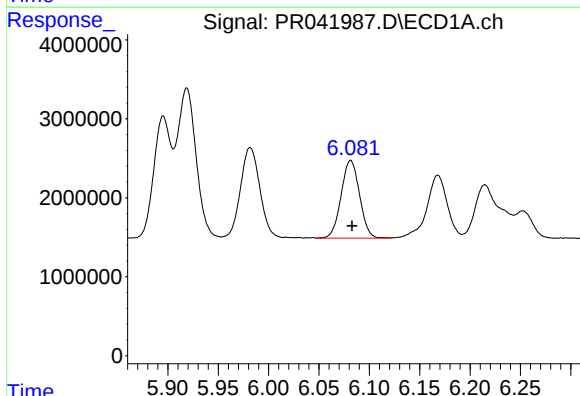
R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 15465294
Conc: 127.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS41



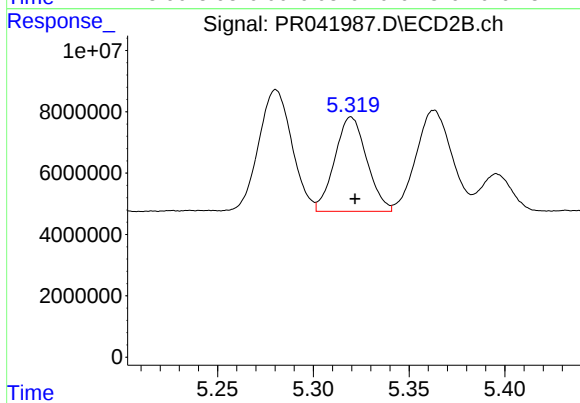
#5 AR-1016-3

R.T.: 5.280 min
Delta R.T.: -0.002 min
Response: 48568749
Conc: 133.19 ng/ml



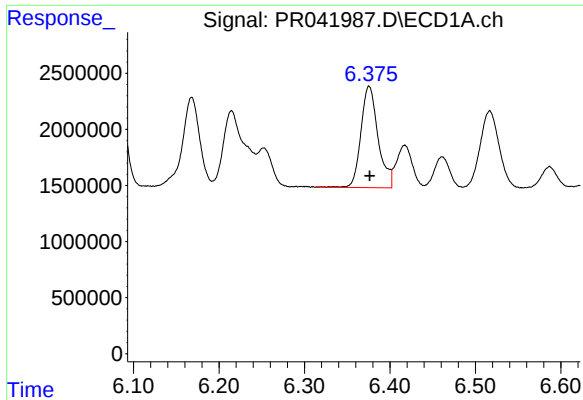
#6 AR-1016-4

R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 12549149
Conc: 123.39 ng/ml



#6 AR-1016-4

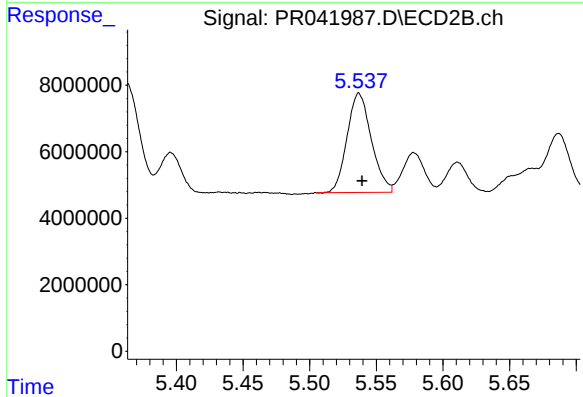
R.T.: 5.320 min
Delta R.T.: -0.002 min
Response: 35898027
Conc: 129.36 ng/ml



#7 AR-1016-5

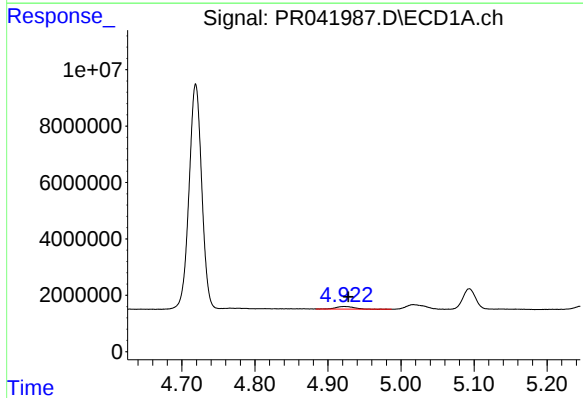
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 12648372
Conc: 127.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS41



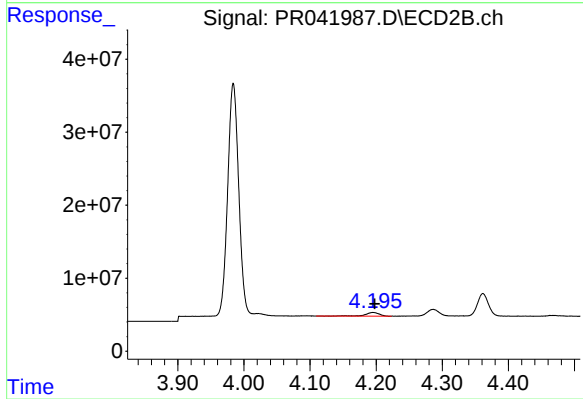
#7 AR-1016-5

R.T.: 5.537 min
Delta R.T.: -0.002 min
Response: 37794952
Conc: 122.23 ng/ml



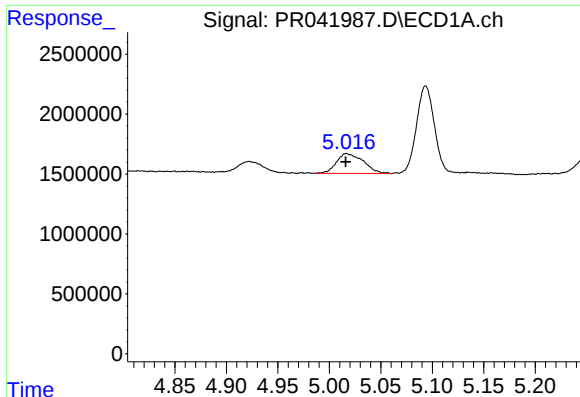
#8 AR-1221-1

R.T.: 4.922 min
Delta R.T.: -0.006 min
Response: 1547960
Conc: 37.70 ng/ml



#8 AR-1221-1

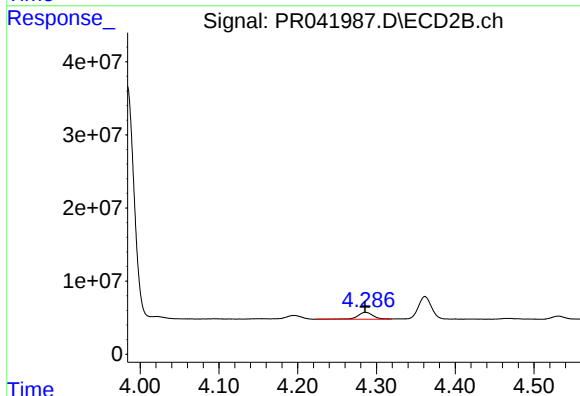
R.T.: 4.195 min
Delta R.T.: -0.003 min
Response: 7699242
Conc: 45.57 ng/ml



#9 AR-1221-2

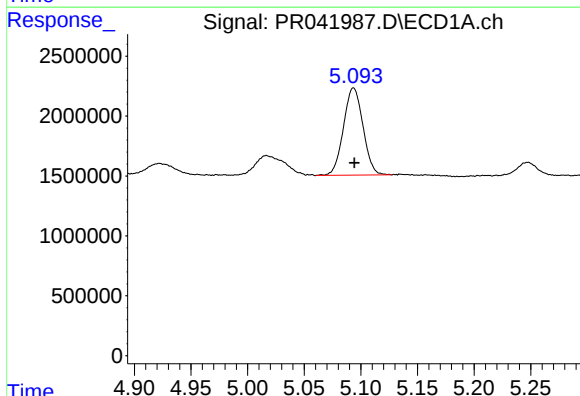
R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 2994662
Conc: 103.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS41



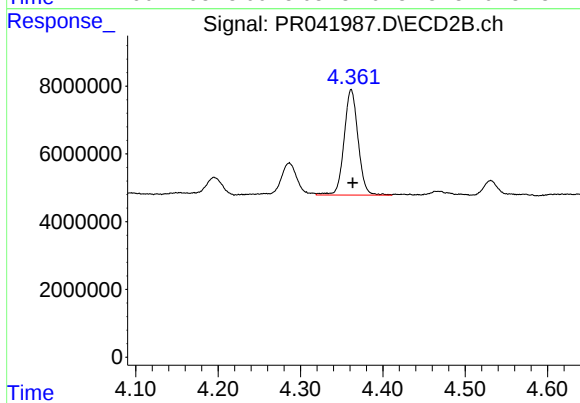
#9 AR-1221-2

R.T.: 4.286 min
Delta R.T.: 0.000 min
Response: 13037822
Conc: 106.09 ng/ml



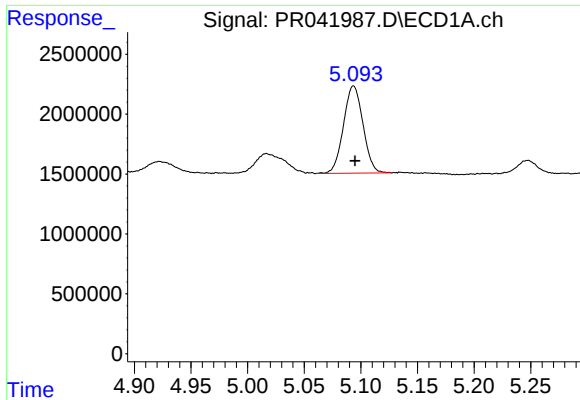
#10 AR-1221-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 8744286
Conc: 89.88 ng/ml



#10 AR-1221-3

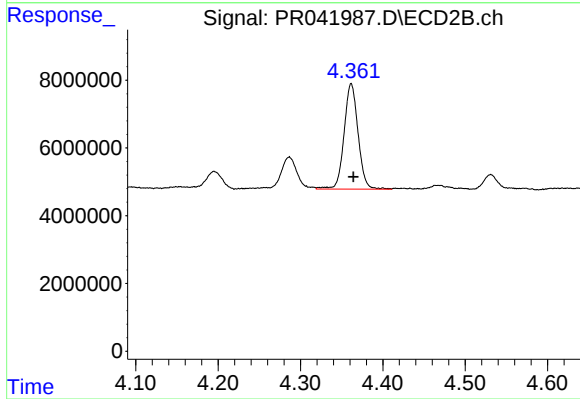
R.T.: 4.362 min
Delta R.T.: -0.002 min
Response: 36802639
Conc: 94.49 ng/ml



#11 AR-1232-1

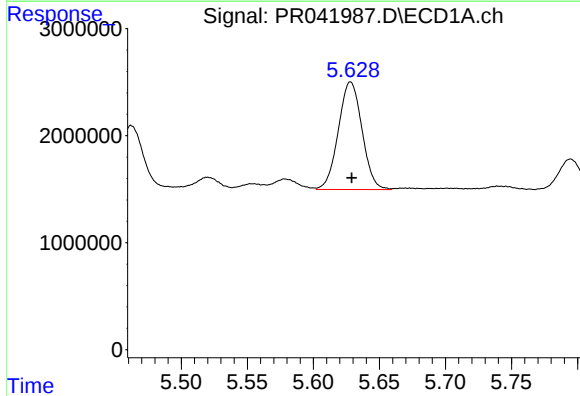
R.T.: 5.094 min
Delta R.T.: -0.001 min
Response: 8744286
Conc: 104.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS41



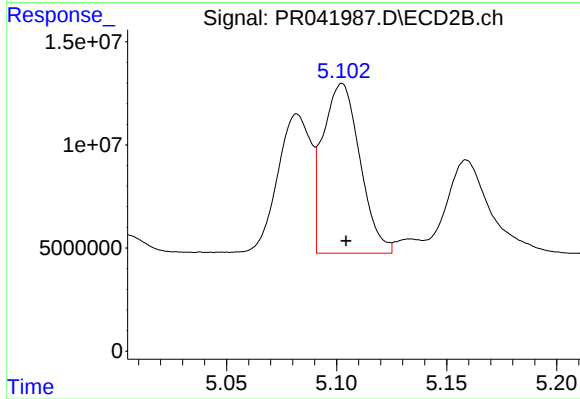
#11 AR-1232-1

R.T.: 4.362 min
Delta R.T.: -0.003 min
Response: 36802639
Conc: 108.01 ng/ml



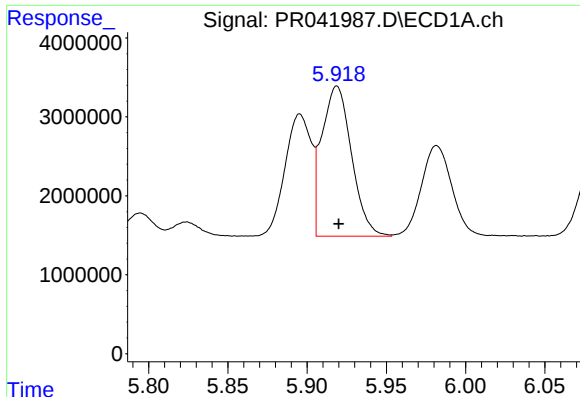
#12 AR-1232-2

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 12552179
Conc: 291.38 ng/ml



#12 AR-1232-2

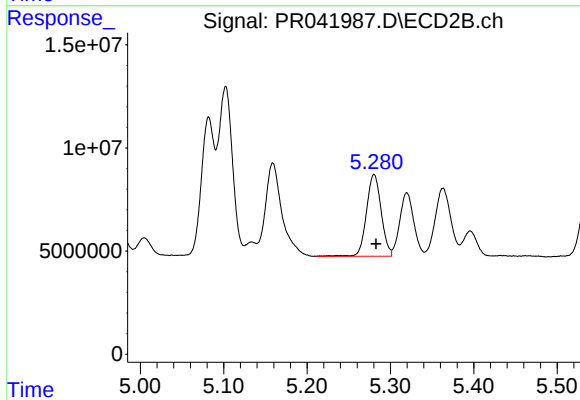
R.T.: 5.102 min
Delta R.T.: -0.002 min
Response: 96454231
Conc: 283.25 ng/ml



#13 AR-1232-3

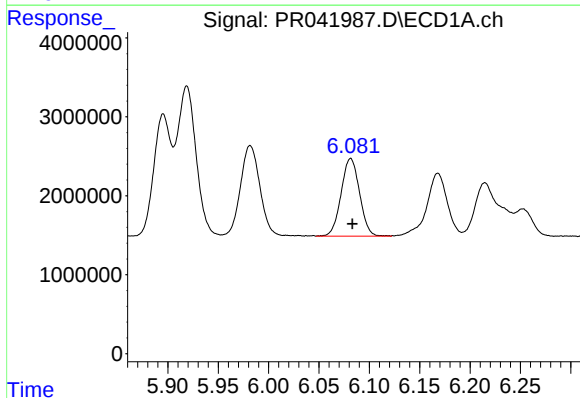
R.T.: 5.919 min
Delta R.T.: -0.001 min
Response: 24800901
Conc: 275.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS41



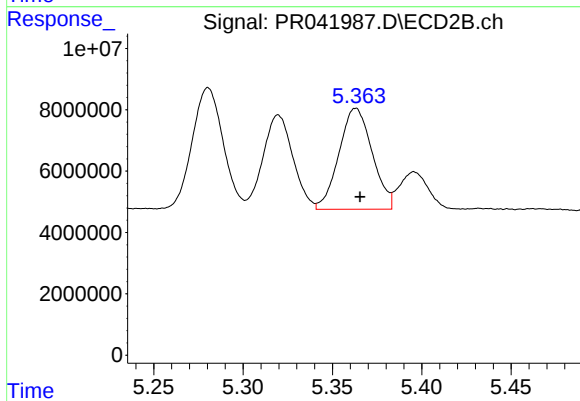
#13 AR-1232-3

R.T.: 5.280 min
Delta R.T.: -0.002 min
Response: 48568749
Conc: 288.39 ng/ml



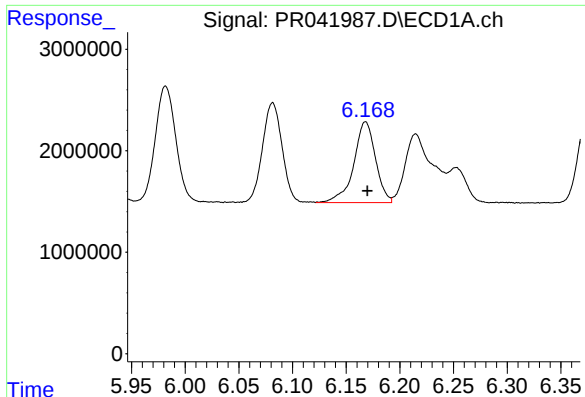
#14 AR-1232-4

R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 12549149
Conc: 281.98 ng/ml



#14 AR-1232-4

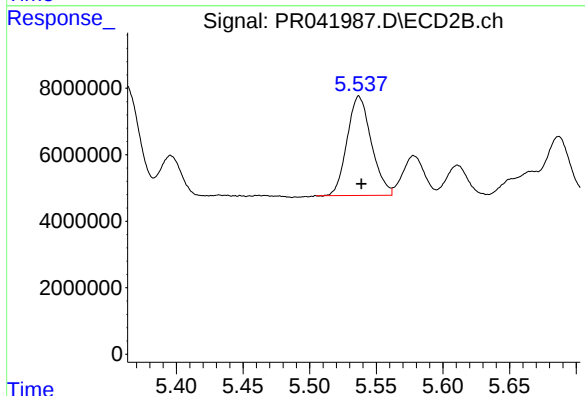
R.T.: 5.363 min
Delta R.T.: -0.002 min
Response: 42684125
Conc: 299.67 ng/ml



#15 AR-1232-5

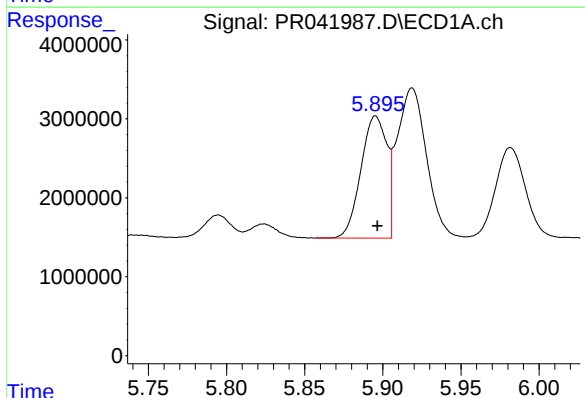
R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 11268353
Conc: 343.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS41



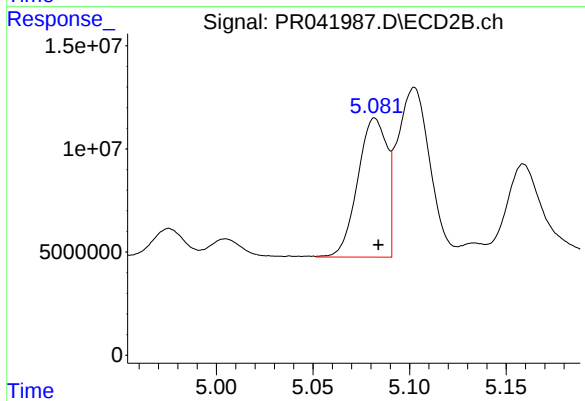
#15 AR-1232-5

R.T.: 5.537 min
Delta R.T.: -0.002 min
Response: 37794952
Conc: 280.48 ng/ml



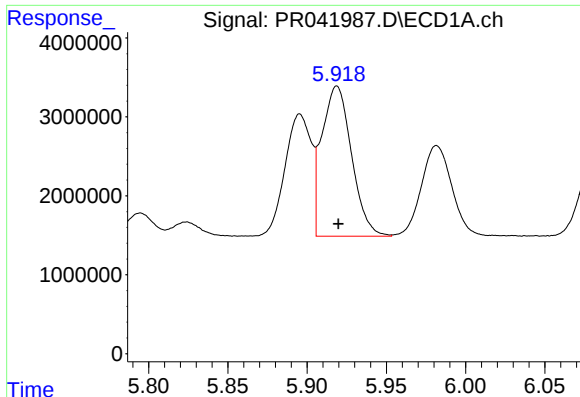
#16 AR-1242-1

R.T.: 5.895 min
Delta R.T.: -0.001 min
Response: 17905579
Conc: 162.37 ng/ml



#16 AR-1242-1

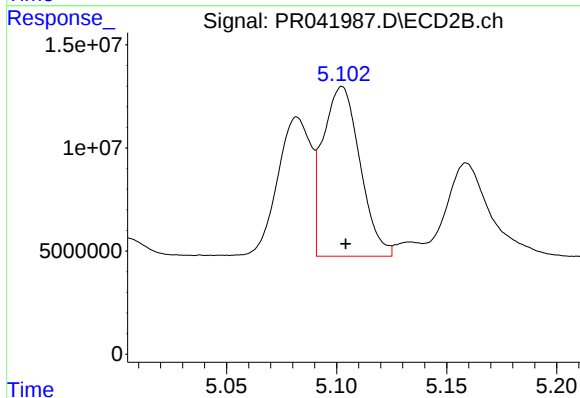
R.T.: 5.082 min
Delta R.T.: -0.002 min
Response: 71076931
Conc: 167.36 ng/ml



#17 AR-1242-2

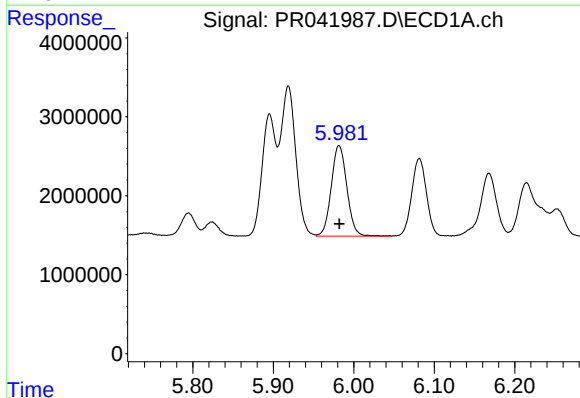
R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 24800901
Conc: 159.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS41



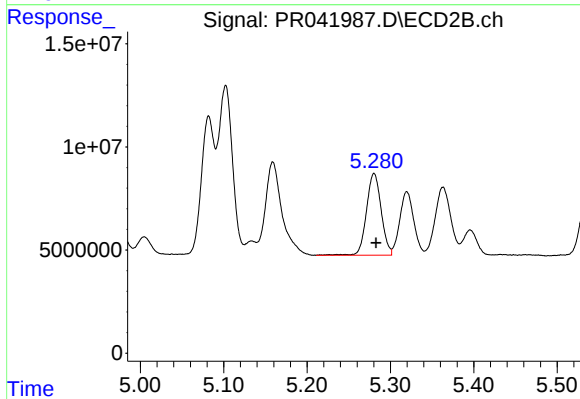
#17 AR-1242-2

R.T.: 5.102 min
Delta R.T.: -0.002 min
Response: 96454231
Conc: 169.48 ng/ml



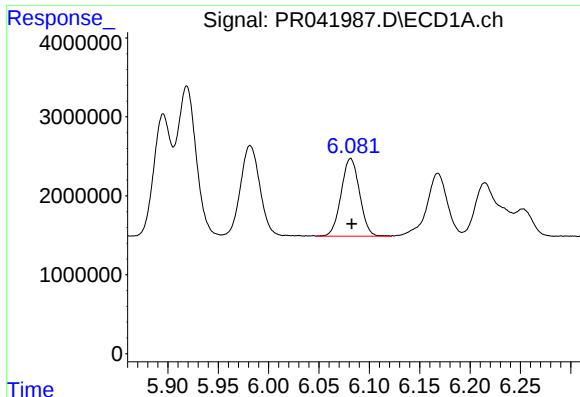
#18 AR-1242-3

R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 15465294
Conc: 164.82 ng/ml



#18 AR-1242-3

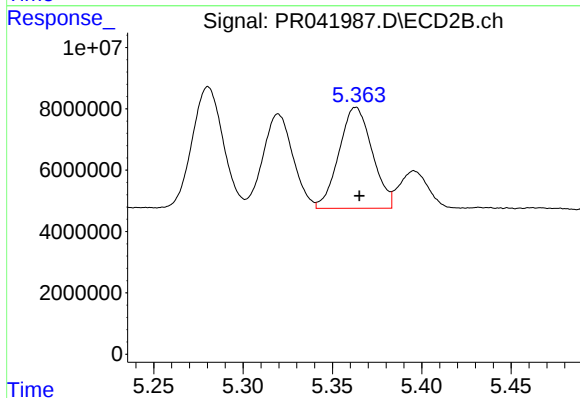
R.T.: 5.280 min
Delta R.T.: -0.002 min
Response: 48568749
Conc: 168.29 ng/ml



#19 AR-1242-4

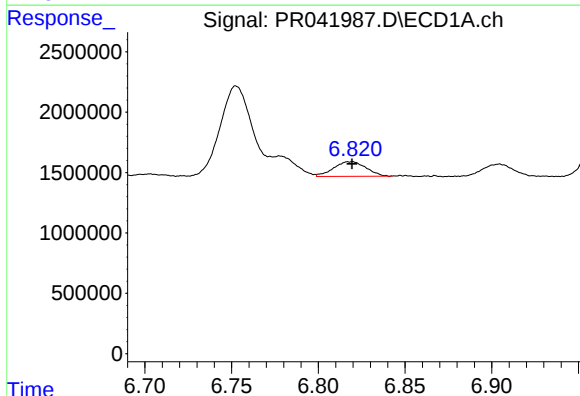
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 12549149
Conc: 161.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS41



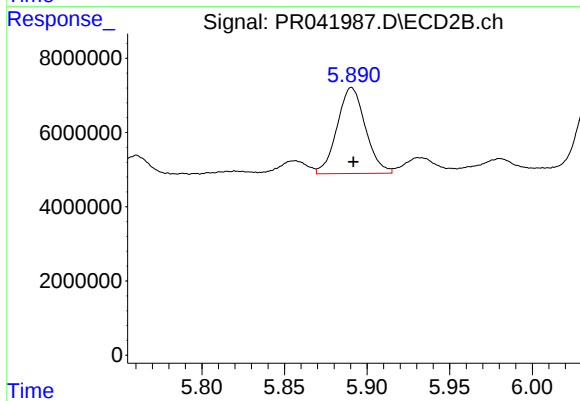
#19 AR-1242-4

R.T.: 5.363 min
Delta R.T.: -0.002 min
Response: 42684125
Conc: 163.97 ng/ml



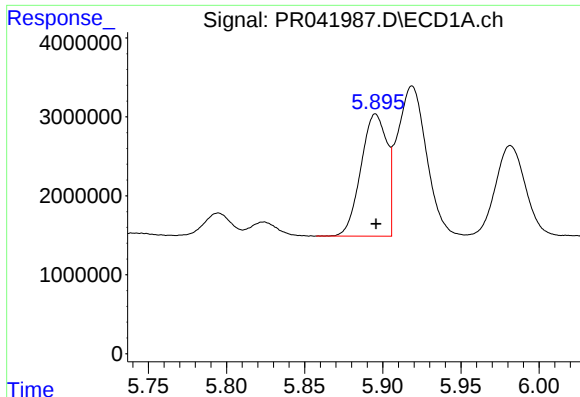
#20 AR-1242-5

R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 1570147
Conc: 17.94 ng/ml



#20 AR-1242-5

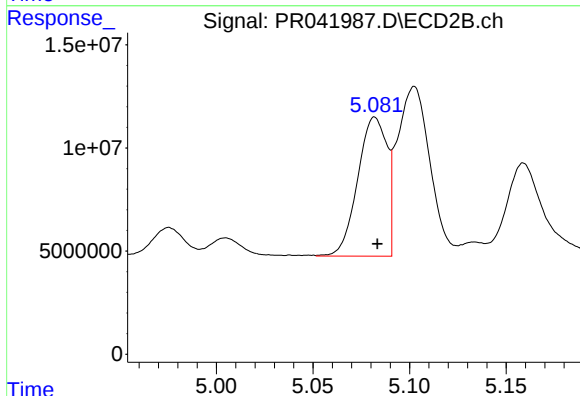
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 27624244
Conc: 104.13 ng/ml



#21 AR-1248-1

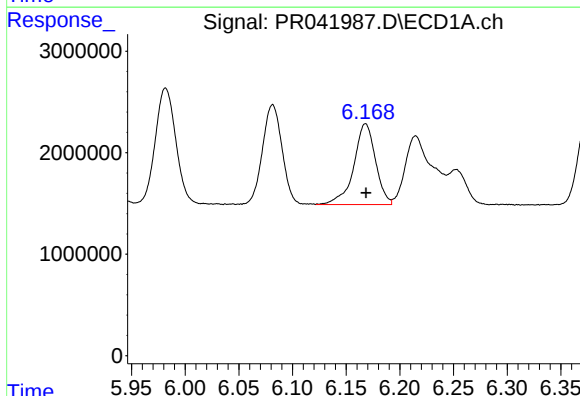
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 17905579
Conc: 215.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS41



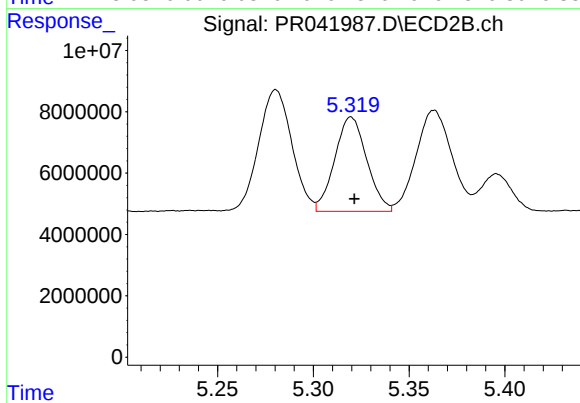
#21 AR-1248-1

R.T.: 5.082 min
Delta R.T.: -0.001 min
Response: 71076931
Conc: 218.07 ng/ml



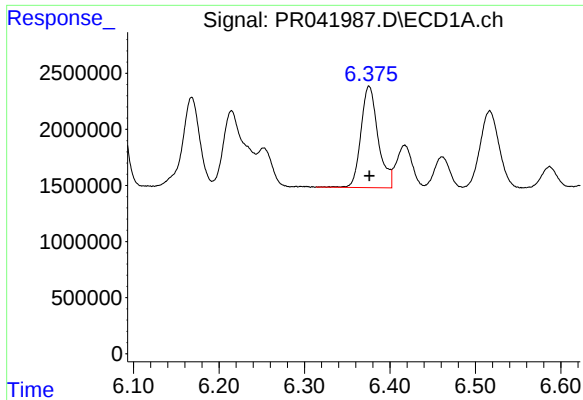
#22 AR-1248-2

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 11268353
Conc: 98.20 ng/ml



#22 AR-1248-2

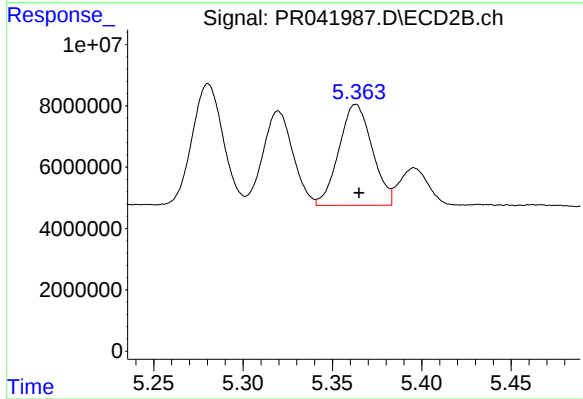
R.T.: 5.320 min
Delta R.T.: -0.002 min
Response: 35898027
Conc: 96.38 ng/ml



#23 AR-1248-3

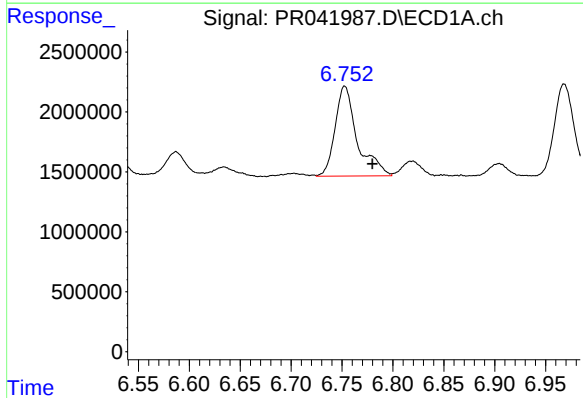
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 12648372
Conc: 97.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS41



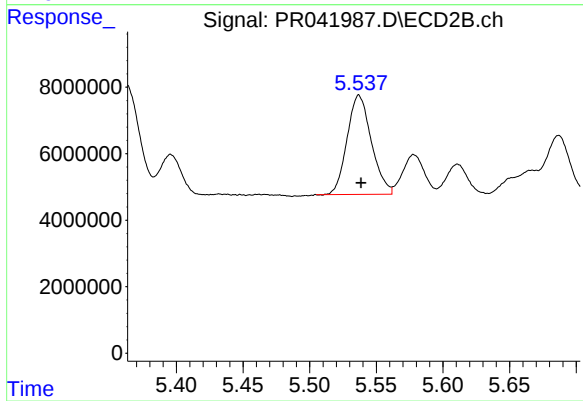
#23 AR-1248-3

R.T.: 5.363 min
Delta R.T.: -0.002 min
Response: 42684125
Conc: 114.03 ng/ml



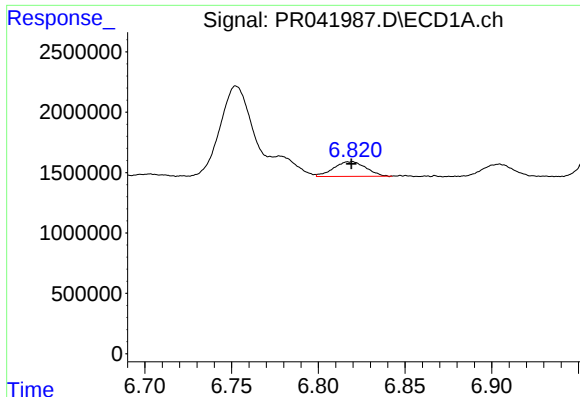
#24 AR-1248-4

R.T.: 6.753 min
Delta R.T.: -0.027 min
Response: 11380981
Conc: 74.17 ng/ml



#24 AR-1248-4

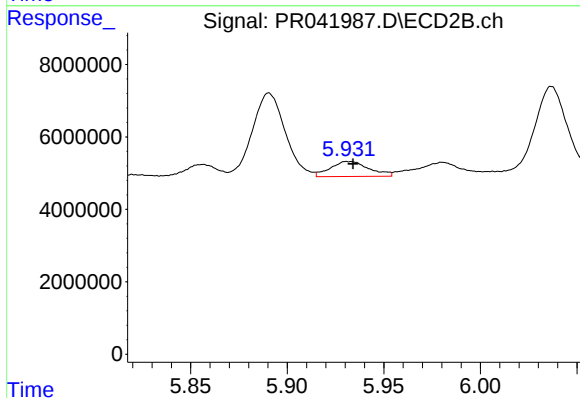
R.T.: 5.537 min
Delta R.T.: -0.002 min
Response: 37794952
Conc: 94.90 ng/ml



#25 AR-1248-5

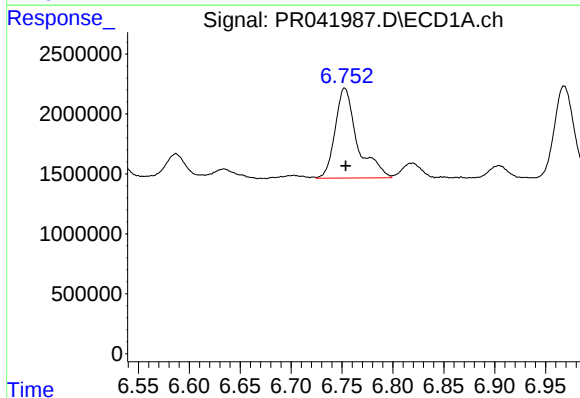
R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 1570147
Conc: 10.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS41



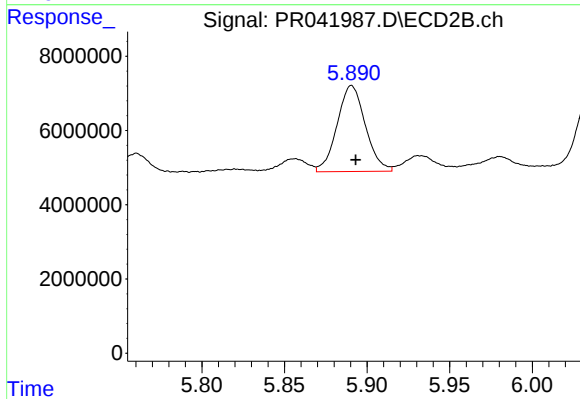
#25 AR-1248-5

R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 5740752
Conc: 16.44 ng/ml



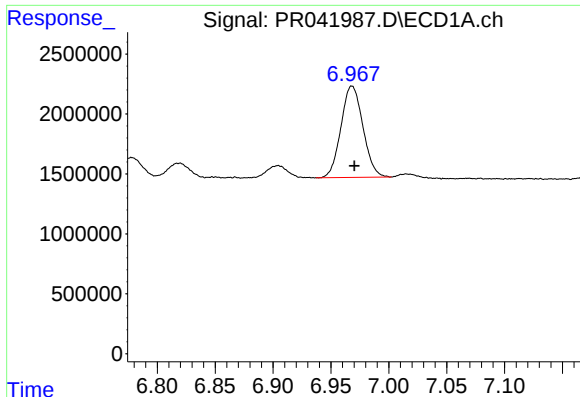
#26 AR-1254-1

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 11380981
Conc: 69.69 ng/ml



#26 AR-1254-1

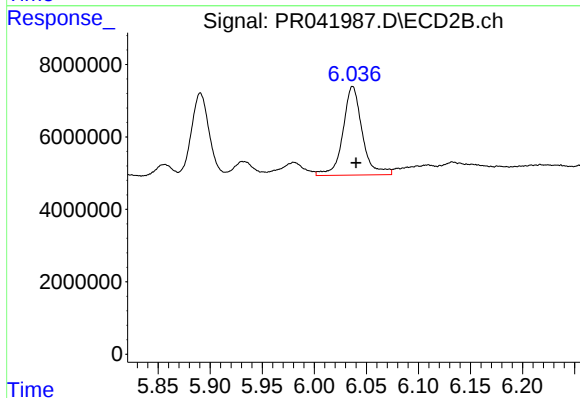
R.T.: 5.891 min
Delta R.T.: -0.003 min
Response: 27624244
Conc: 52.15 ng/ml



#27 AR-1254-2

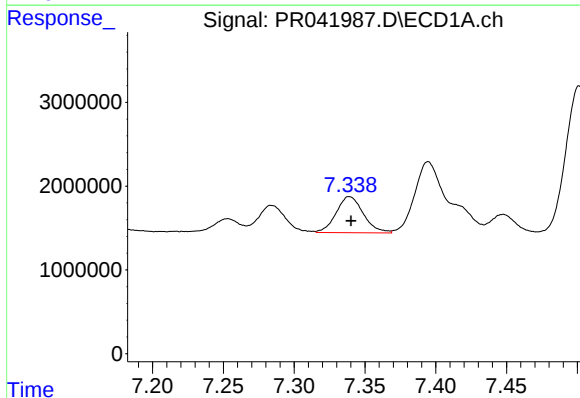
R.T.: 6.968 min
Delta R.T.: -0.002 min
Response: 10069012
Conc: 40.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS41



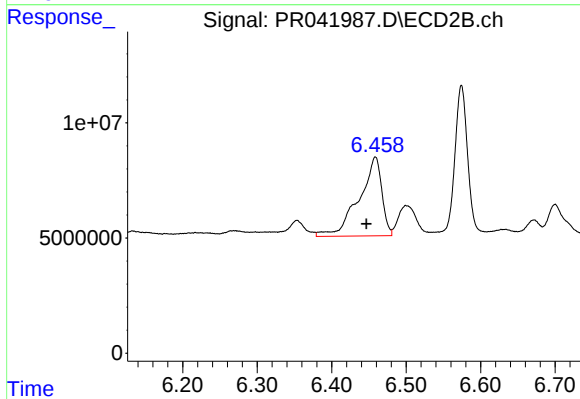
#27 AR-1254-2

R.T.: 6.037 min
Delta R.T.: -0.003 min
Response: 31592020
Conc: 63.01 ng/ml



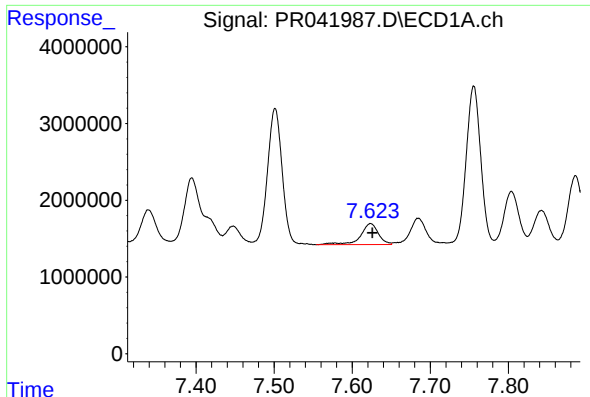
#28 AR-1254-3

R.T.: 7.339 min
Delta R.T.: -0.001 min
Response: 5748091
Conc: 21.30 ng/ml



#28 AR-1254-3

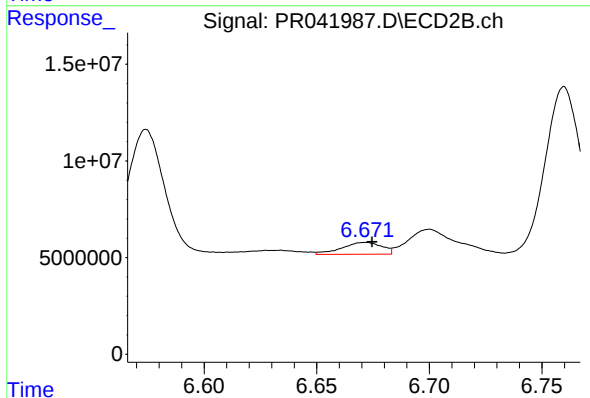
R.T.: 6.459 min
Delta R.T.: 0.012 min
Response: 73112584
Conc: 77.50 ng/ml



#29 AR-1254-4

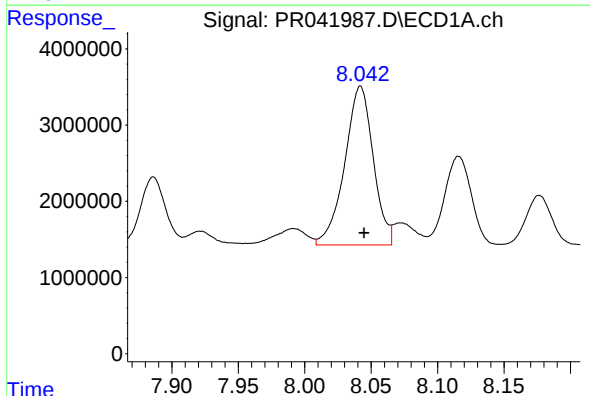
R.T.: 7.624 min
Delta R.T.: -0.002 min
Response: 4377563
Conc: 21.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS41



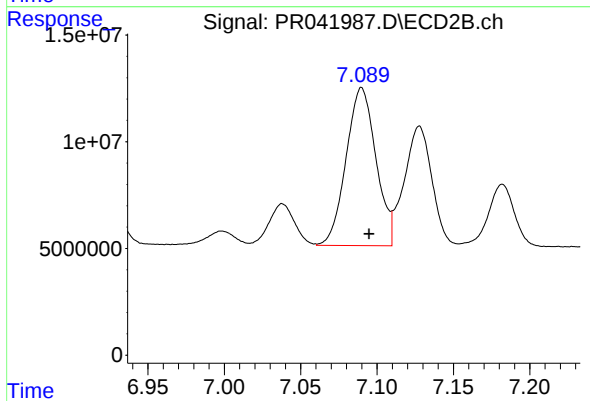
#29 AR-1254-4

R.T.: 6.672 min
Delta R.T.: -0.003 min
Response: 7599651
Conc: 11.48 ng/ml



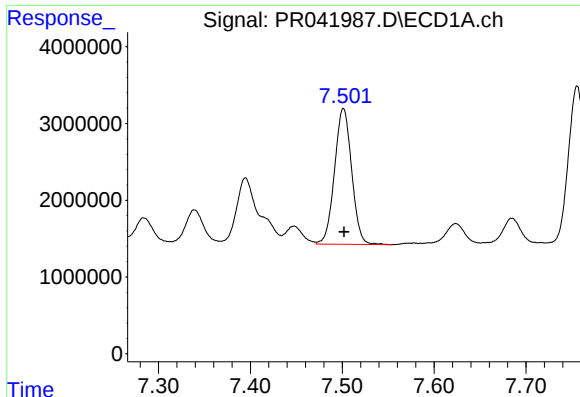
#30 AR-1254-5

R.T.: 8.042 min
Delta R.T.: -0.003 min
Response: 31183766
Conc: 146.64 ng/ml



#30 AR-1254-5

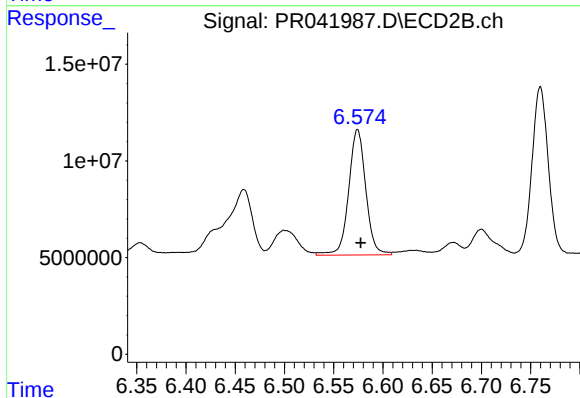
R.T.: 7.090 min
Delta R.T.: -0.005 min
Response: 100609265
Conc: 117.17 ng/ml



#31 AR-1260-1

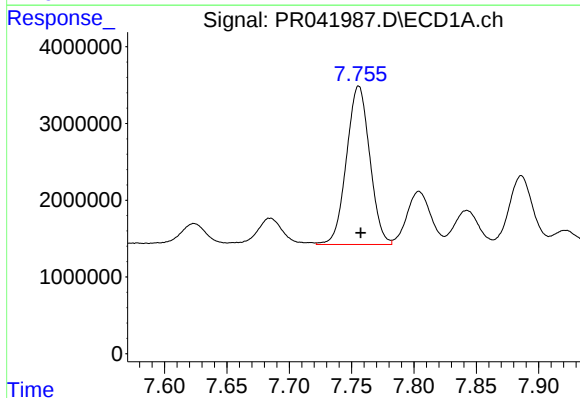
R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 22897818
Conc: 120.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS41



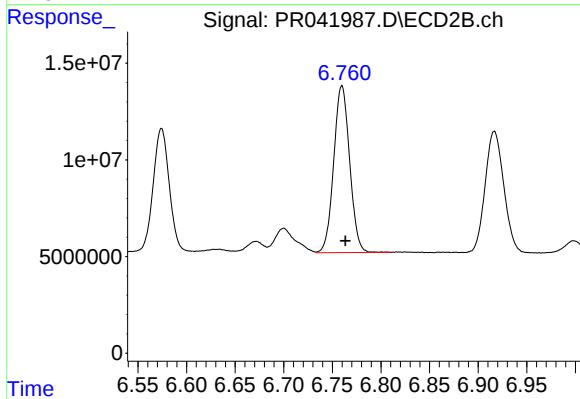
#31 AR-1260-1

R.T.: 6.574 min
Delta R.T.: -0.003 min
Response: 78555036
Conc: 132.52 ng/ml



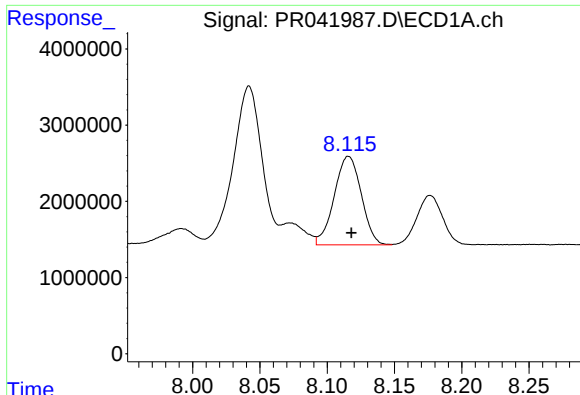
#32 AR-1260-2

R.T.: 7.756 min
Delta R.T.: -0.001 min
Response: 26773504
Conc: 113.27 ng/ml



#32 AR-1260-2

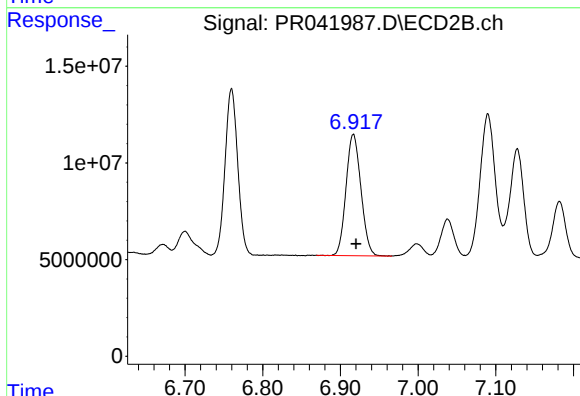
R.T.: 6.760 min
Delta R.T.: -0.004 min
Response: 98436130
Conc: 120.74 ng/ml



#33 AR-1260-3

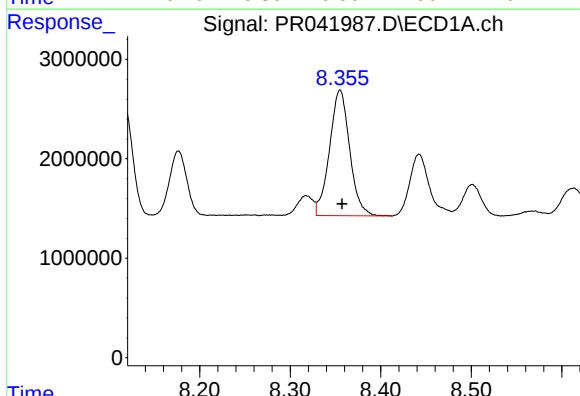
R.T.: 8.116 min
Delta R.T.: -0.002 min
Response: 16281995
Conc: 86.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS41



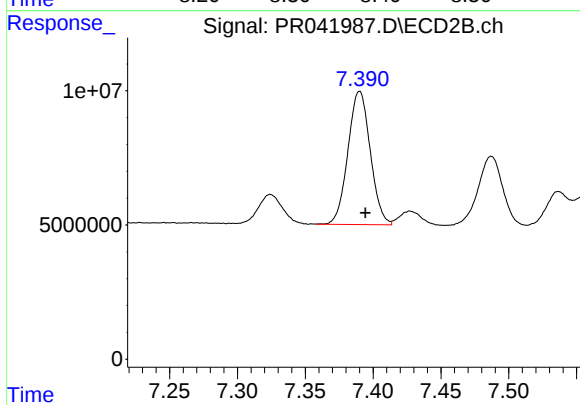
#33 AR-1260-3

R.T.: 6.917 min
Delta R.T.: -0.004 min
Response: 83792483
Conc: 121.21 ng/ml



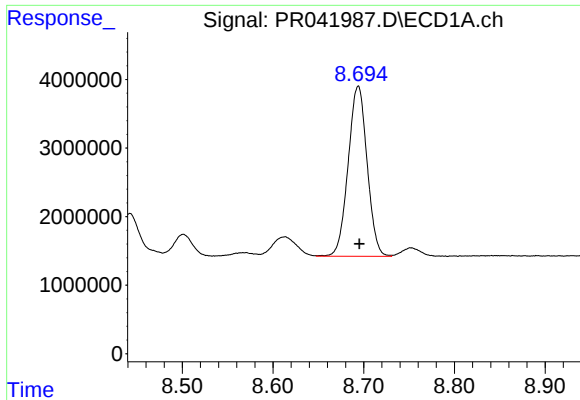
#34 AR-1260-4

R.T.: 8.355 min
Delta R.T.: -0.002 min
Response: 19537645
Conc: 97.22 ng/ml



#34 AR-1260-4

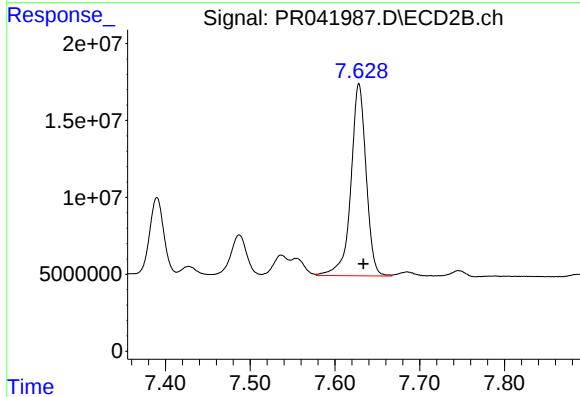
R.T.: 7.390 min
Delta R.T.: -0.004 min
Response: 56965476
Conc: 98.17 ng/ml



#35 AR-1260-5

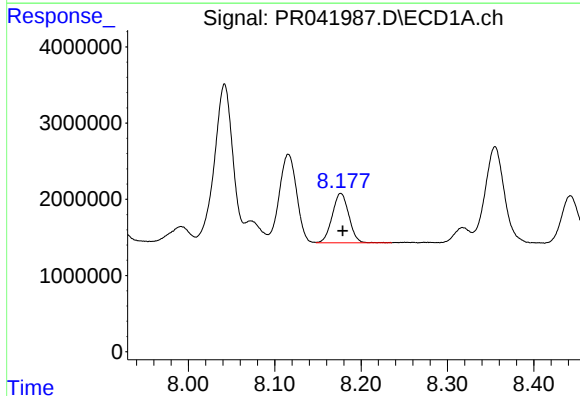
R.T.: 8.694 min
Delta R.T.: -0.001 min
Response: 36056132
Conc: 83.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS41



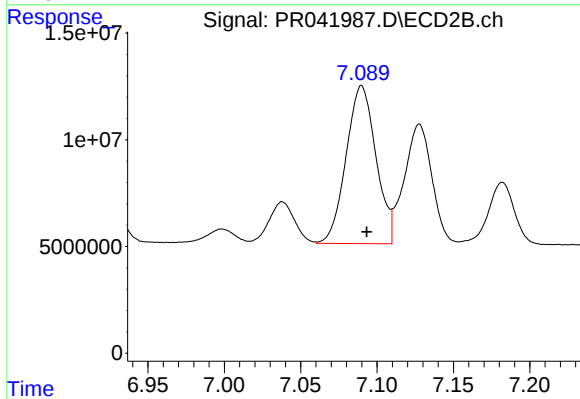
#35 AR-1260-5

R.T.: 7.628 min
Delta R.T.: -0.005 min
Response: 155472009
Conc: 95.62 ng/ml



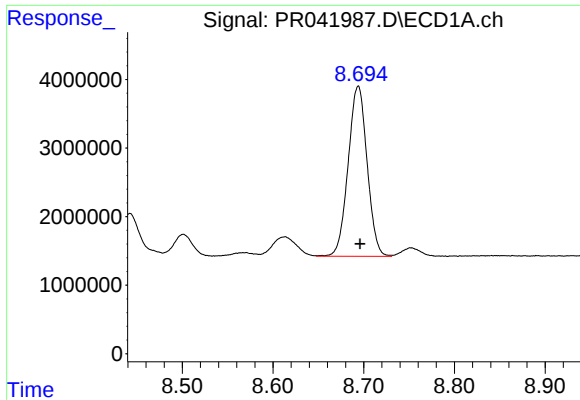
#36 AR-1262-1

R.T.: 8.177 min
Delta R.T.: -0.002 min
Response: 8647049
Conc: 91.86 ng/ml



#36 AR-1262-1

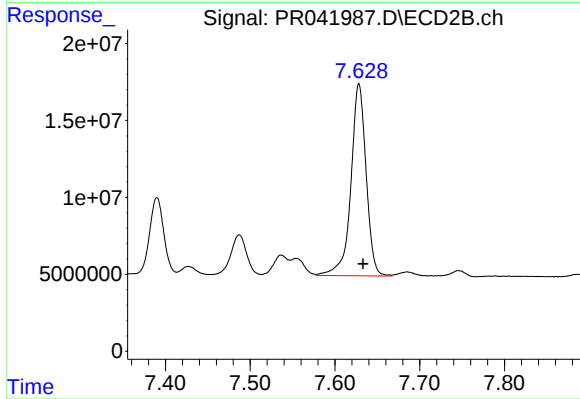
R.T.: 7.090 min
Delta R.T.: -0.003 min
Response: 100609265
Conc: 230.87 ng/ml



#37 AR-1262-2

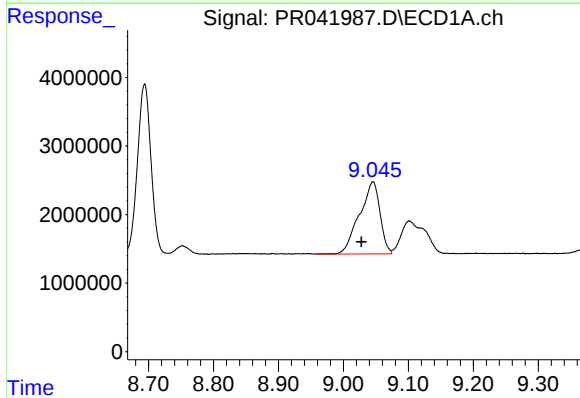
R.T.: 8.694 min
Delta R.T.: -0.002 min
Response: 36056132
Conc: 83.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS41



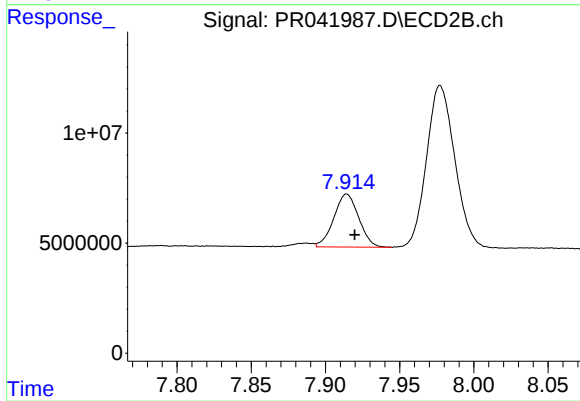
#37 AR-1262-2

R.T.: 7.628 min
Delta R.T.: -0.005 min
Response: 155472009
Conc: 90.31 ng/ml



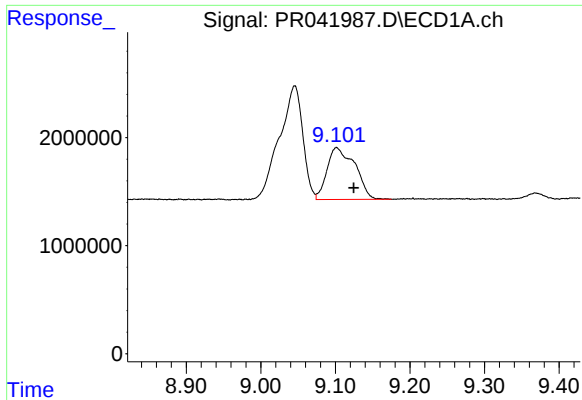
#38 AR-1262-3

R.T.: 9.046 min
Delta R.T.: 0.018 min
Response: 23122002
Conc: 82.95 ng/ml



#38 AR-1262-3

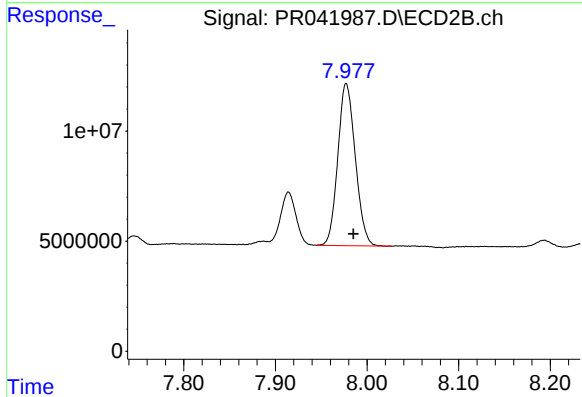
R.T.: 7.914 min
Delta R.T.: -0.005 min
Response: 28172004
Conc: 43.16 ng/ml



#39 AR-1262-4

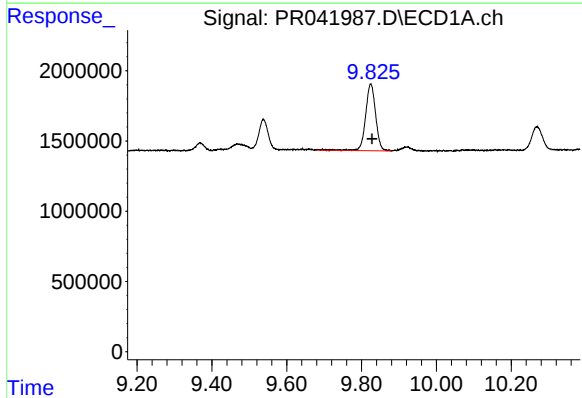
R.T.: 9.102 min
Delta R.T.: -0.023 min
Response: 12462705
Conc: 60.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS41



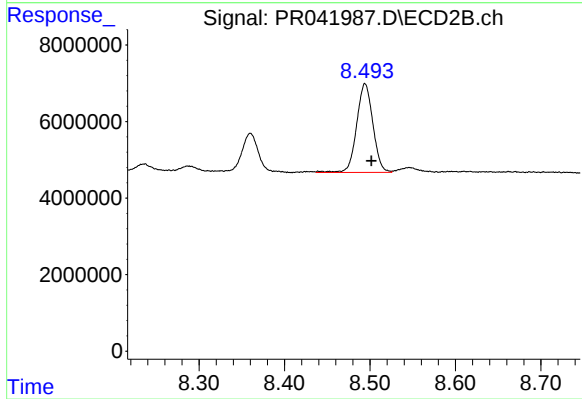
#39 AR-1262-4

R.T.: 7.977 min
Delta R.T.: -0.008 min
Response: 97703944
Conc: 83.61 ng/ml



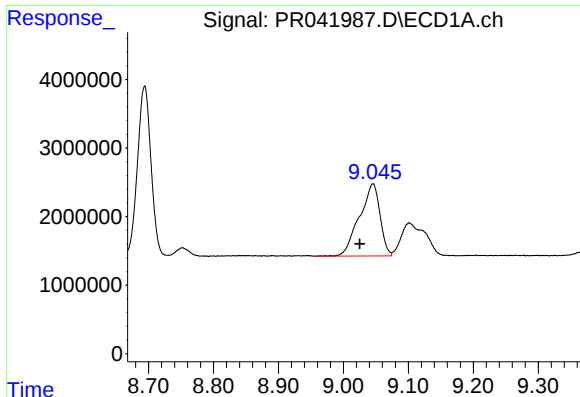
#40 AR-1262-5

R.T.: 9.825 min
Delta R.T.: -0.003 min
Response: 8927872
Conc: 61.89 ng/ml



#40 AR-1262-5

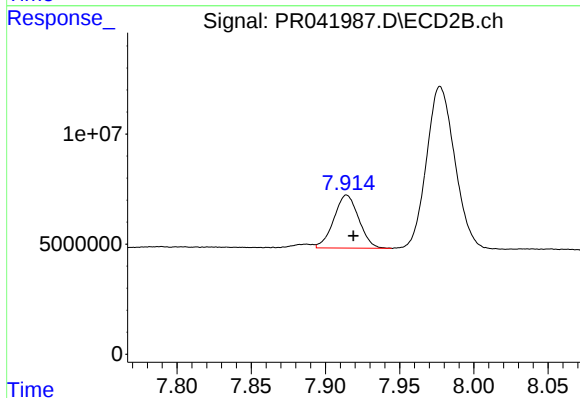
R.T.: 8.494 min
Delta R.T.: -0.007 min
Response: 30660458
Conc: 57.32 ng/ml



#41 AR-1268-1

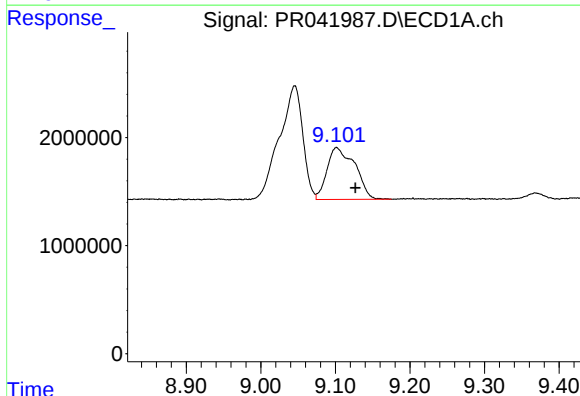
R.T.: 9.046 min
Delta R.T.: 0.020 min
Response: 23122002
Conc: 42.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS41



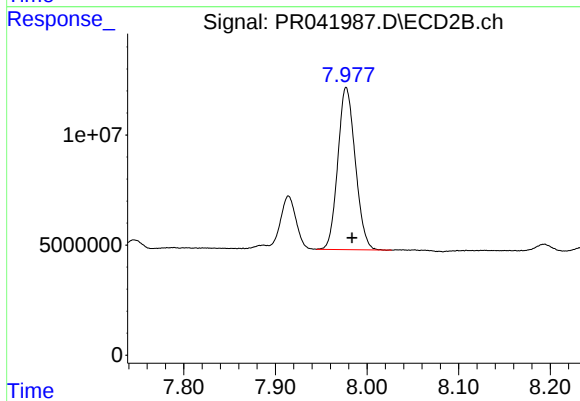
#41 AR-1268-1

R.T.: 7.914 min
Delta R.T.: -0.005 min
Response: 28172004
Conc: 12.85 ng/ml



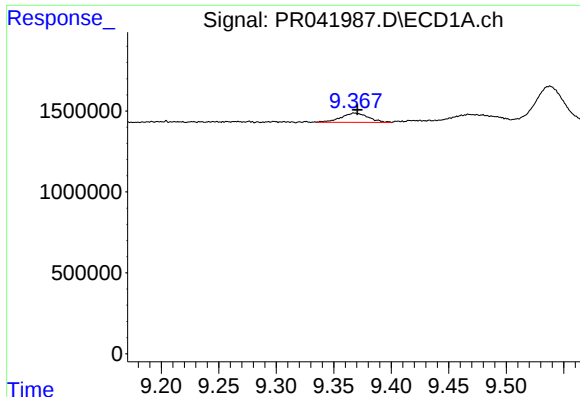
#42 AR-1268-2

R.T.: 9.102 min
Delta R.T.: -0.025 min
Response: 12462705
Conc: 25.07 ng/ml



#42 AR-1268-2

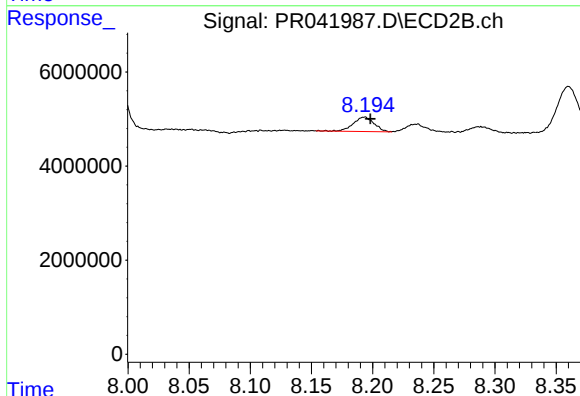
R.T.: 7.977 min
Delta R.T.: -0.006 min
Response: 97703944
Conc: 49.10 ng/ml



#43 AR-1268-3

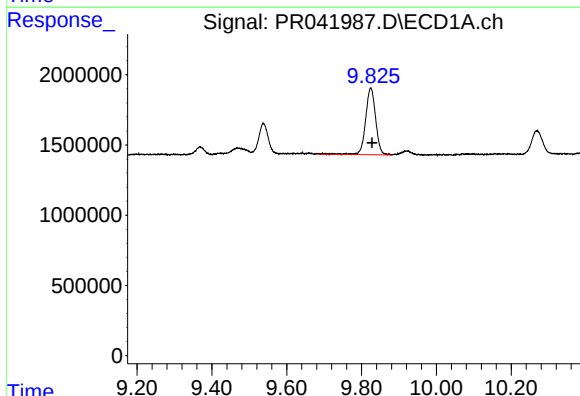
R.T.: 9.368 min
Delta R.T.: -0.003 min
Response: 945646
Conc: 2.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS41



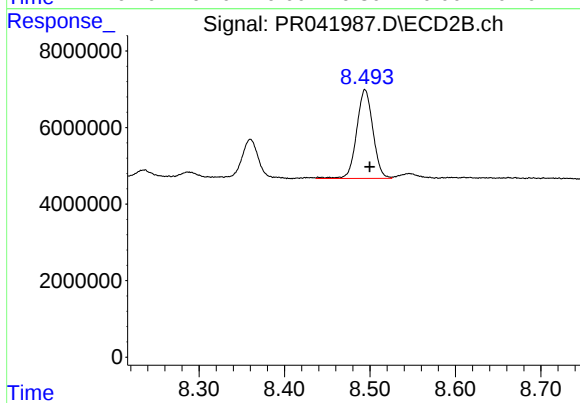
#43 AR-1268-3

R.T.: 8.193 min
Delta R.T.: -0.005 min
Response: 3632555
Conc: 2.17 ng/ml



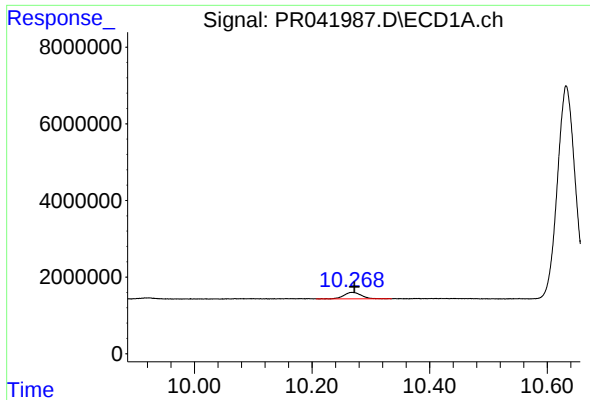
#44 AR-1268-4

R.T.: 9.825 min
Delta R.T.: -0.003 min
Response: 8927872
Conc: 50.89 ng/ml



#44 AR-1268-4

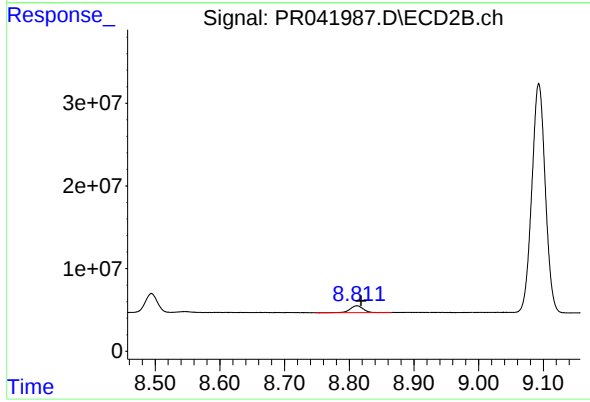
R.T.: 8.494 min
Delta R.T.: -0.005 min
Response: 30660458
Conc: 47.51 ng/ml



#45 AR-1268-5

R.T.: 10.268 min
Delta R.T.: -0.004 min
Response: 3452123
Conc: 2.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS41



#45 AR-1268-5

R.T.: 8.812 min
Delta R.T.: -0.006 min
Response: 11505281
Conc: 2.51 ng/ml