

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100419\
 Data File : PR041864.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2019 22:43
 Operator : SM\AJ
 Sample : PB123544BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 ALCS44

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 23:31:03 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	94164530	353.0E6	23.148	23.085
2)	SA Decachlor...	10.634	9.096	115.1E6	378.8E6	33.509	38.207
Target Compounds							
3)	L1 AR-1016-1	5.896	5.082	18225391	70254681	126.945	129.241
4)	L1 AR-1016-2	5.919	5.103	25345924	93662873	123.943	129.768
5)	L1 AR-1016-3	5.982	5.281	16220447	47698524	133.421	130.807
6)	L1 AR-1016-4	6.082	5.321	13714434	35298628	134.851	127.198
7)	L1 AR-1016-5	6.376	5.538	14451506	38055435	145.138	123.072
8)	L2 AR-1221-1	4.922	4.196	1884821	7027207	45.909	41.596
9)	L2 AR-1221-2	5.018	4.287	3419706	12080497	117.866	98.297
10)	L2 AR-1221-3	5.094	4.362	9350691	36168041	96.109	92.858
11)	L3 AR-1232-1	5.094	4.362	9350691	36168041	111.746	106.149
12)	L3 AR-1232-2	5.628	5.103	12318243	93662873	285.947	275.054
13)	L3 AR-1232-3	5.919	5.281	25345924	47698524	281.887	283.224
14)	L3 AR-1232-4	6.082	5.364	13714434	42279514	308.164	296.825
15)	L3 AR-1232-5	6.169	5.538	12363410	38055435	376.341	282.413
16)	L4 AR-1242-1	5.896	5.082	18225391	70254681	165.271	165.422
17)	L4 AR-1242-2	5.919	5.103	25345924	93662873	163.258	164.578
18)	L4 AR-1242-3	5.982	5.281	16220447	47698524	172.873	165.272
19)	L4 AR-1242-4	6.082	5.364	13714434	42279514	176.533	162.413
20)	L4 AR-1242-5	6.819	5.892	2660125	27213142	30.392	102.577 #
21)	L5 AR-1248-1	5.896	5.082	18225391	70254681	219.023	215.545
22)	L5 AR-1248-2	6.169	5.321	12363410	35298628	107.738	94.769
23)	L5 AR-1248-3	6.376	5.364	14451506	42279514	111.459	112.951
24)	L5 AR-1248-4	6.754	5.538	12985791	38055435	84.628	95.550
25)	L5 AR-1248-5	6.819	5.934	2660125	6029376	18.372	17.263
26)	L6 AR-1254-1	6.754	5.892	12985791	27213142	79.515	51.371 #
27)	L6 AR-1254-2	6.968	6.039	12261457	30493650	49.421	60.823
28)	L6 AR-1254-3	7.339	6.460	6650371	71071082	24.644	75.331 #
29)	L6 AR-1254-4	7.624	6.673	4793022	7226101	23.616	10.914 #
30)	L6 AR-1254-5	8.042	7.092	35511048	99225962	166.990	115.561 #
31)	L7 AR-1260-1	7.502	6.576	23840811	75056697	125.832	126.621
32)	L7 AR-1260-2	7.756	6.762	26939077	94665722	113.974	116.115
33)	L7 AR-1260-3	8.117	6.918	16673847	80612880	88.819	116.609 #
34)	L7 AR-1260-4	8.356	7.392	19697774	55364255	98.015	95.407
35)	L7 AR-1260-5	8.694	7.630	36981171	151.1E6	85.429	92.965
36)	L8 AR-1262-1	8.177	7.092	8681720	99225962	92.231	227.696 #
37)	L8 AR-1262-2	8.694	7.630	36981171	151.1E6	85.736	87.800
38)	L8 AR-1262-3	9.045	7.917	24931123	28504253	89.441	43.670 #
39)	L8 AR-1262-4	9.103	7.980	12744445	97660088	62.208	83.573 #
40)	L8 AR-1262-5	9.827	8.497	14197240	29302155	98.422	54.780 #
41)	L9 AR-1268-1	9.045	7.917	24931123	28504253	45.392	13.000 #

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 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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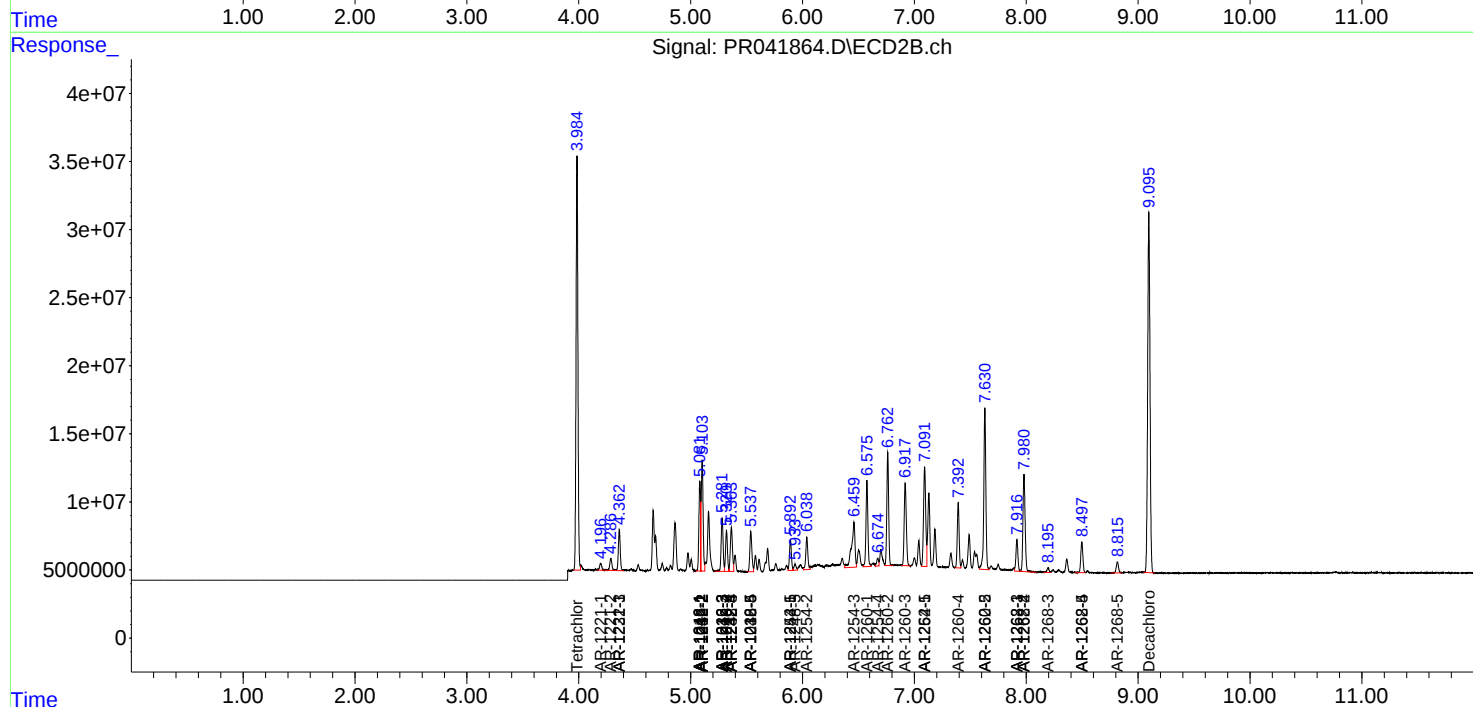
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

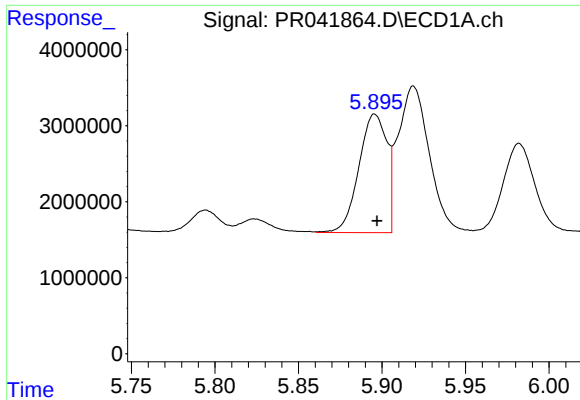
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.103	7.980	12744445	97660088	25.634	49.079 #
43) L9	AR-1268-3	9.369	8.195	1390931	4743829	3.410	2.831
44) L9	AR-1268-4	9.827	8.497	14197240	29302155	80.920	45.405 #
45) L9	AR-1268-5	10.270	8.815	4106261	11084719	3.151	2.416

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

Instrument :
ECD_R
ClientSampleId :
ALCS44

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

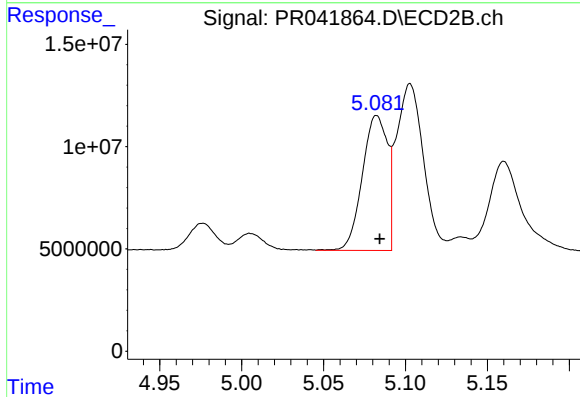




#3 AR-1016-1

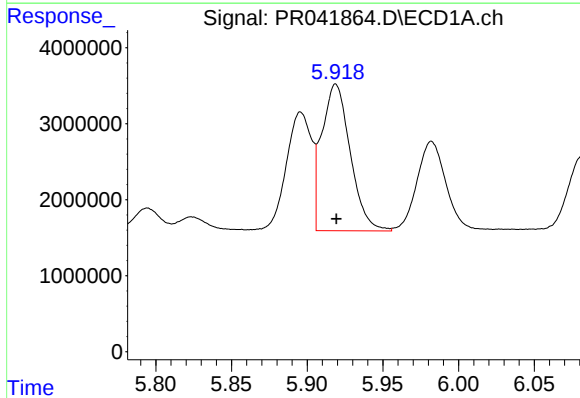
R.T.: 5.896 min
Delta R.T.: -0.001 min
Response: 18225391
Conc: 126.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS44



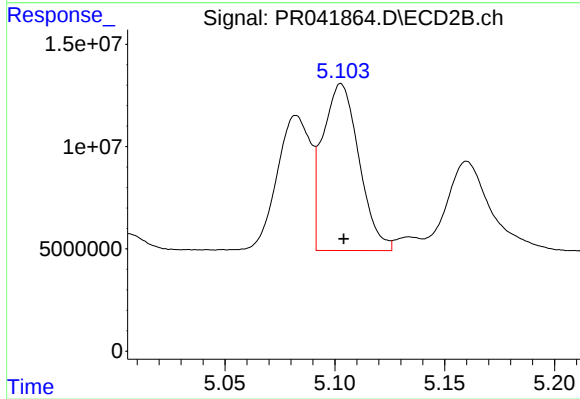
#3 AR-1016-1

R.T.: 5.082 min
Delta R.T.: -0.002 min
Response: 70254681
Conc: 129.24 ng/ml



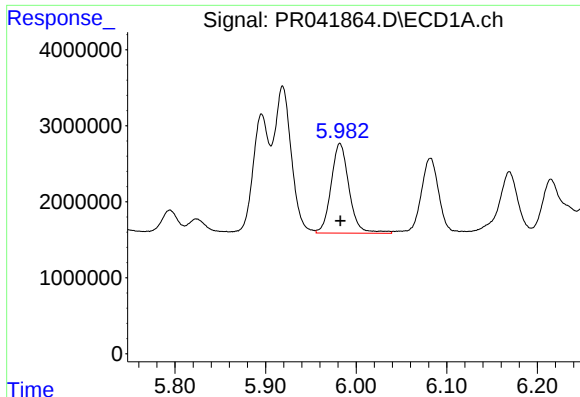
#4 AR-1016-2

R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 25345924
Conc: 123.94 ng/ml



#4 AR-1016-2

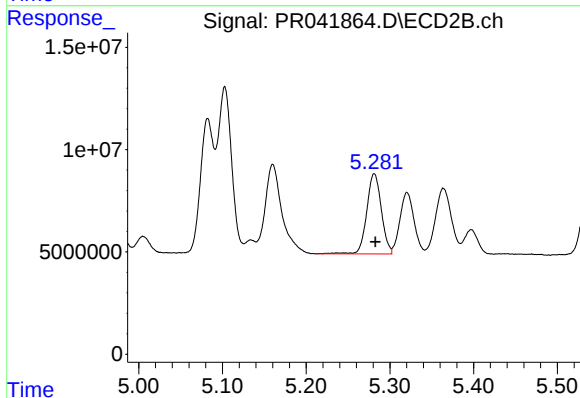
R.T.: 5.103 min
Delta R.T.: -0.001 min
Response: 93662873
Conc: 129.77 ng/ml



#5 AR-1016-3

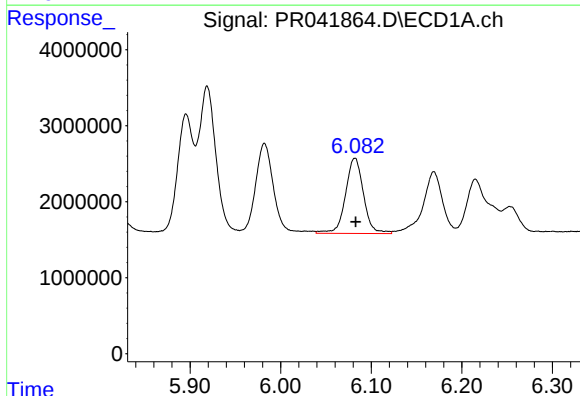
R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 16220447
Conc: 133.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS44



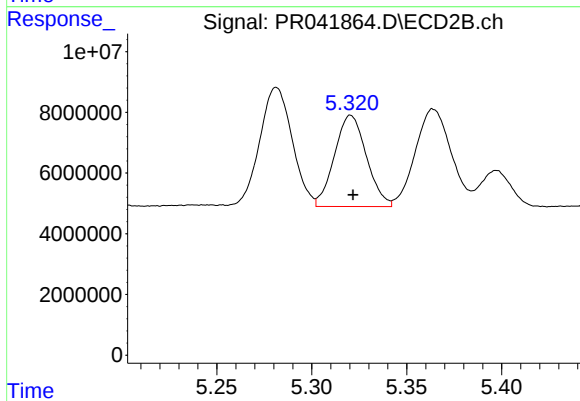
#5 AR-1016-3

R.T.: 5.281 min
Delta R.T.: -0.001 min
Response: 47698524
Conc: 130.81 ng/ml



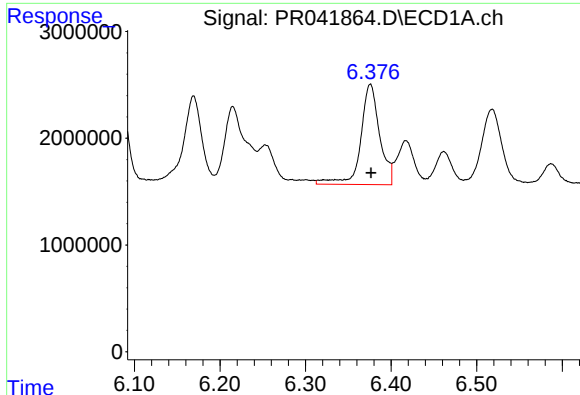
#6 AR-1016-4

R.T.: 6.082 min
Delta R.T.: -0.001 min
Response: 13714434
Conc: 134.85 ng/ml



#6 AR-1016-4

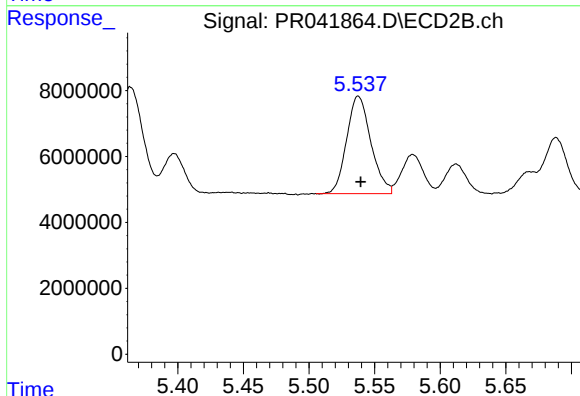
R.T.: 5.321 min
Delta R.T.: -0.001 min
Response: 35298628
Conc: 127.20 ng/ml



#7 AR-1016-5

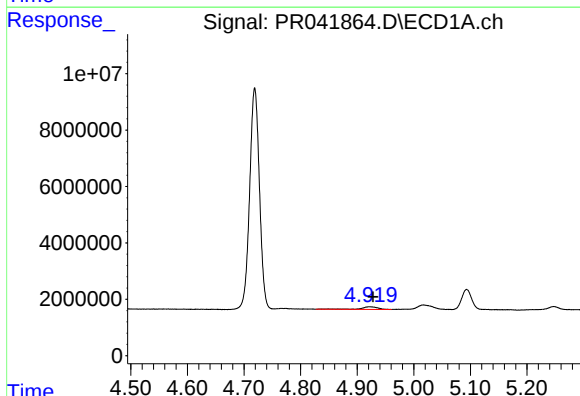
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 14451506
Conc: 145.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS44



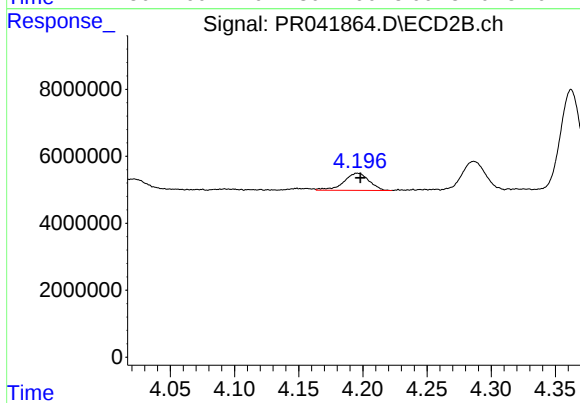
#7 AR-1016-5

R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 38055435
Conc: 123.07 ng/ml



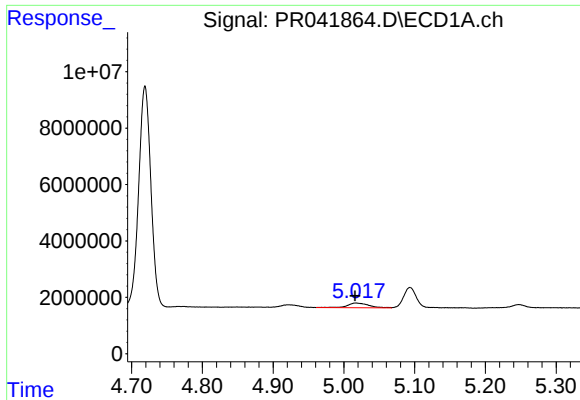
#8 AR-1221-1

R.T.: 4.922 min
Delta R.T.: -0.006 min
Response: 1884821
Conc: 45.91 ng/ml



#8 AR-1221-1

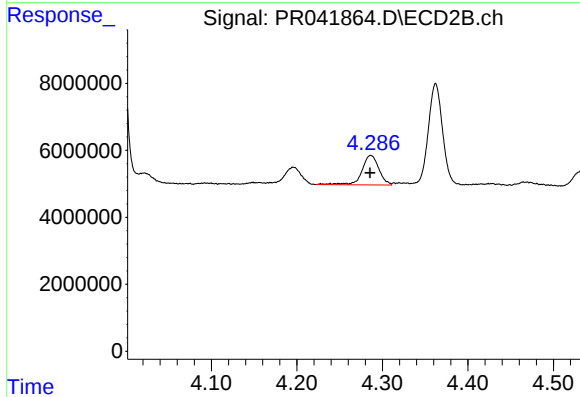
R.T.: 4.196 min
Delta R.T.: -0.002 min
Response: 7027207
Conc: 41.60 ng/ml



#9 AR-1221-2

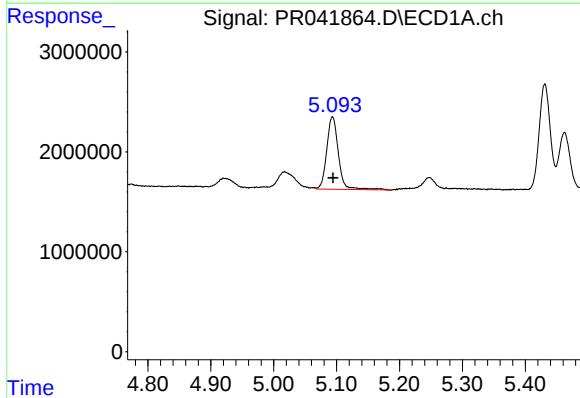
R.T.: 5.018 min
Delta R.T.: 0.002 min
Response: 3419706
Conc: 117.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS44



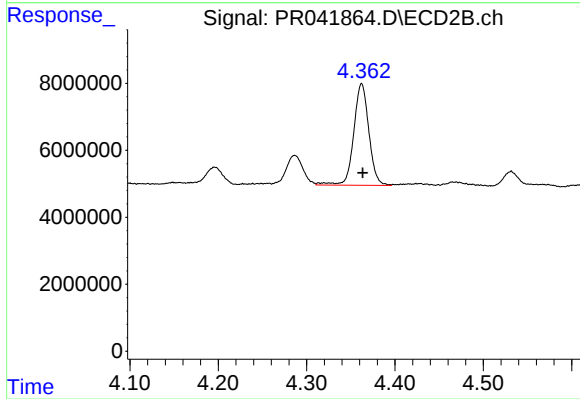
#9 AR-1221-2

R.T.: 4.287 min
Delta R.T.: 0.001 min
Response: 12080497
Conc: 98.30 ng/ml



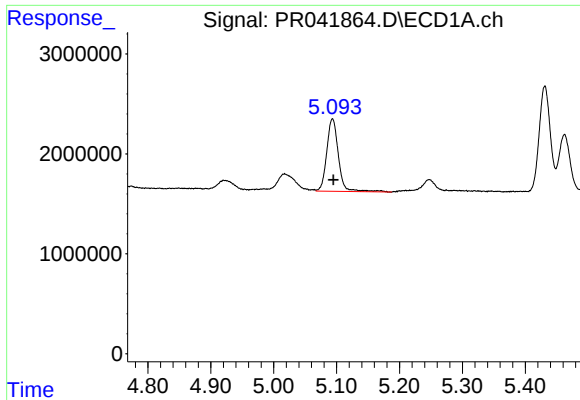
#10 AR-1221-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 9350691
Conc: 96.11 ng/ml



#10 AR-1221-3

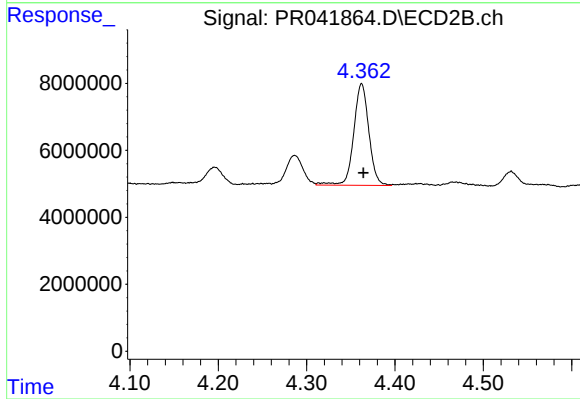
R.T.: 4.362 min
Delta R.T.: -0.001 min
Response: 36168041
Conc: 92.86 ng/ml



#11 AR-1232-1

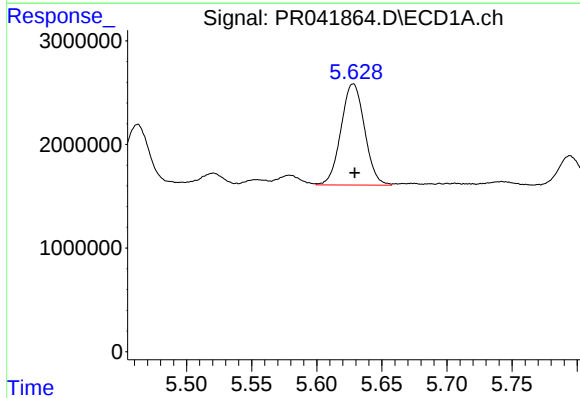
R.T.: 5.094 min
Delta R.T.: -0.001 min
Response: 9350691
Conc: 111.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS44



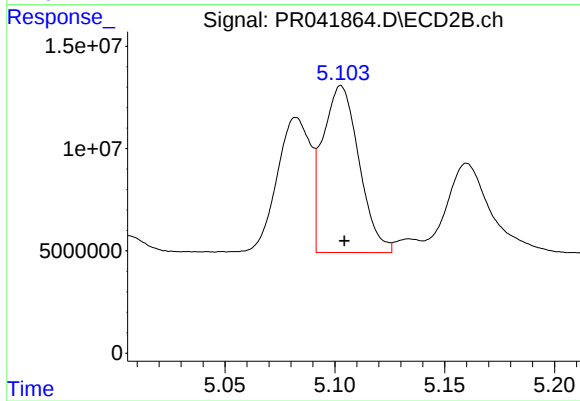
#11 AR-1232-1

R.T.: 4.362 min
Delta R.T.: -0.002 min
Response: 36168041
Conc: 106.15 ng/ml



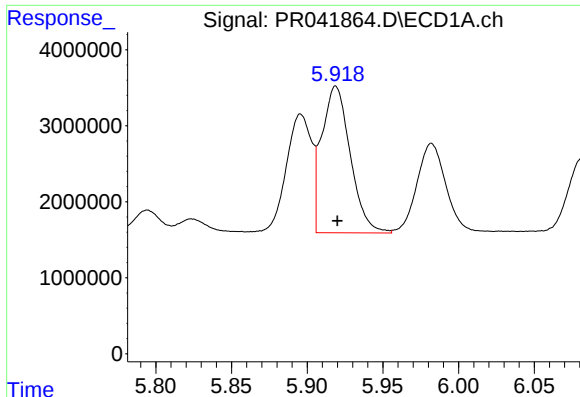
#12 AR-1232-2

R.T.: 5.628 min
Delta R.T.: -0.001 min
Response: 12318243
Conc: 285.95 ng/ml



#12 AR-1232-2

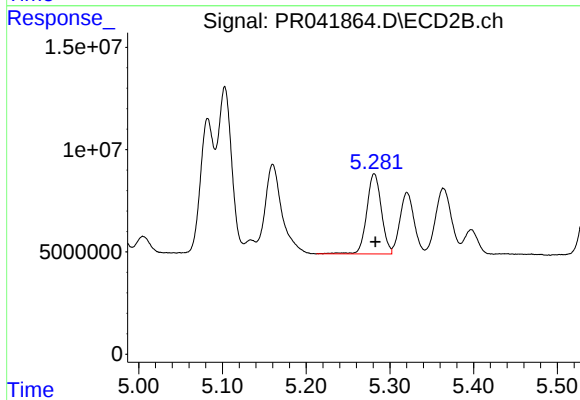
R.T.: 5.103 min
Delta R.T.: -0.001 min
Response: 93662873
Conc: 275.05 ng/ml



#13 AR-1232-3

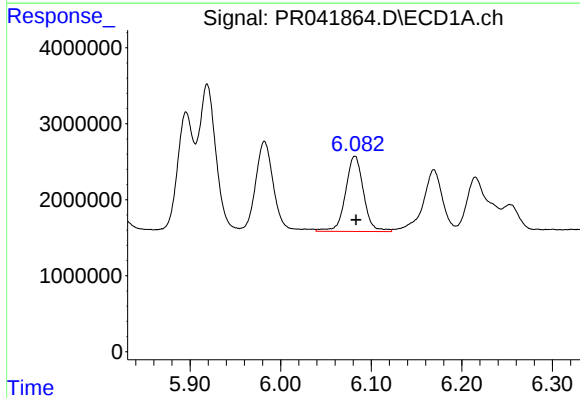
R.T.: 5.919 min
Delta R.T.: -0.001 min
Response: 25345924
Conc: 281.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS44



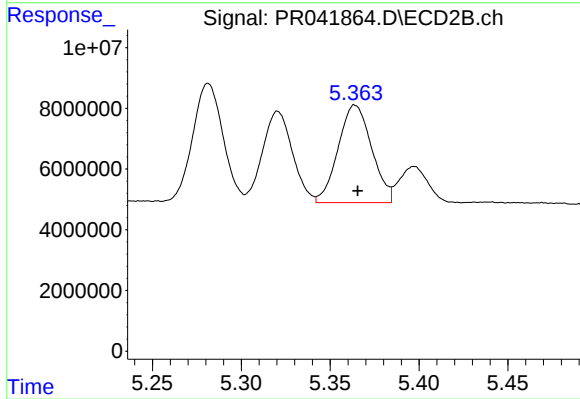
#13 AR-1232-3

R.T.: 5.281 min
Delta R.T.: -0.001 min
Response: 47698524
Conc: 283.22 ng/ml



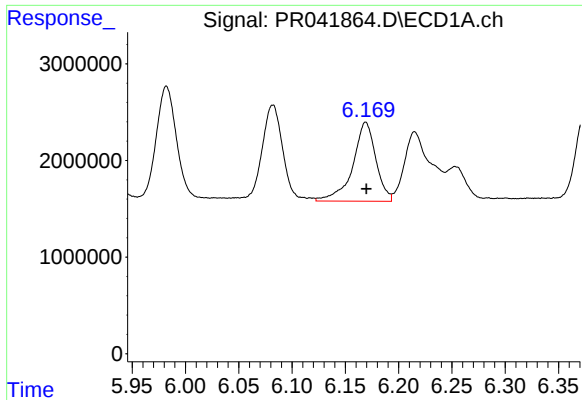
#14 AR-1232-4

R.T.: 6.082 min
Delta R.T.: -0.001 min
Response: 13714434
Conc: 308.16 ng/ml



#14 AR-1232-4

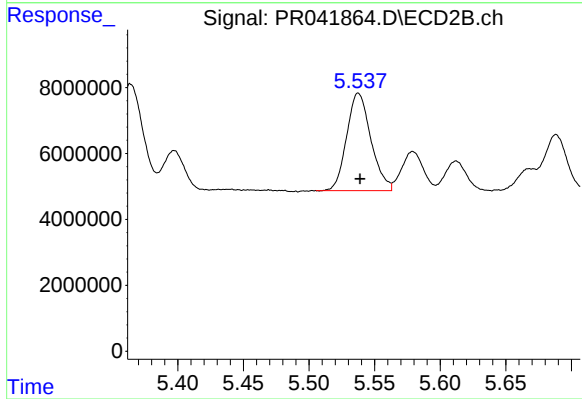
R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 42279514
Conc: 296.83 ng/ml



#15 AR-1232-5

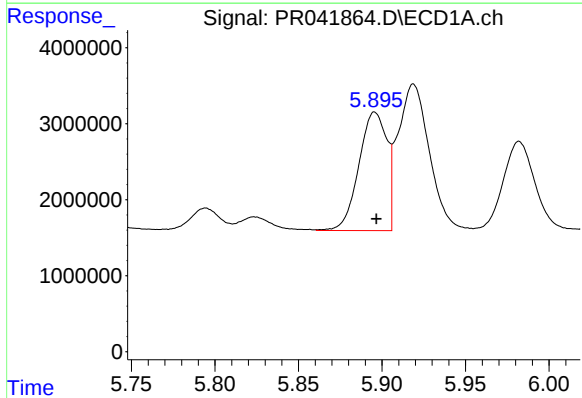
R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 12363410
Conc: 376.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS44



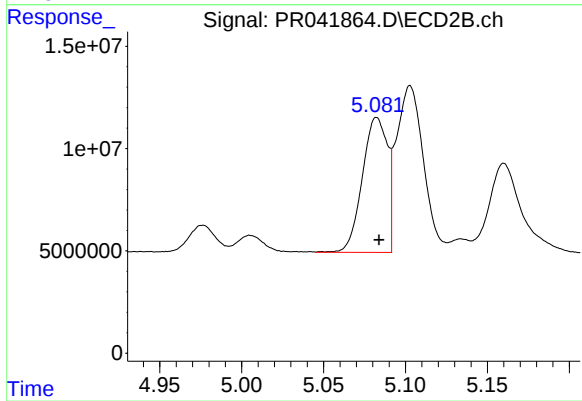
#15 AR-1232-5

R.T.: 5.538 min
Delta R.T.: -0.001 min
Response: 38055435
Conc: 282.41 ng/ml



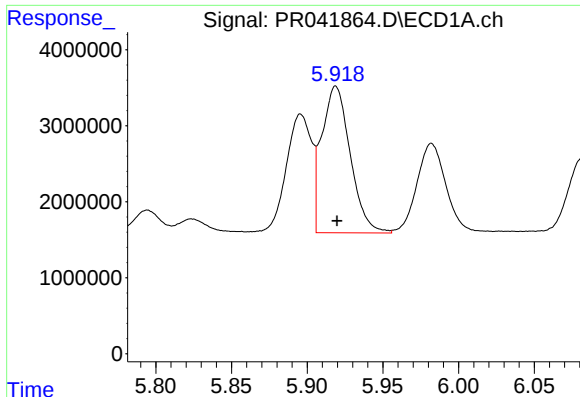
#16 AR-1242-1

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 18225391
Conc: 165.27 ng/ml



#16 AR-1242-1

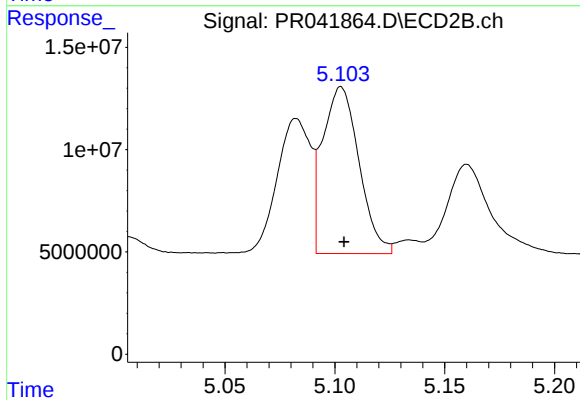
R.T.: 5.082 min
Delta R.T.: -0.002 min
Response: 70254681
Conc: 165.42 ng/ml



#17 AR-1242-2

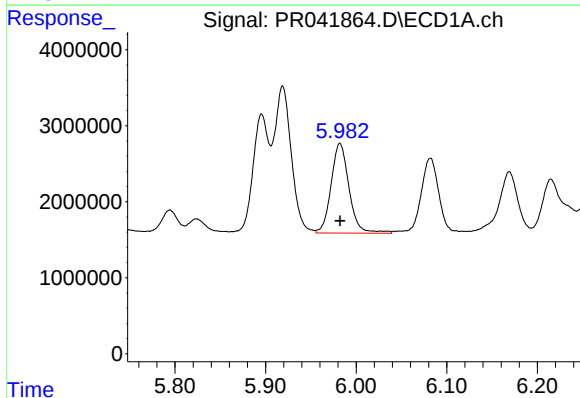
R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 25345924
Conc: 163.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS44



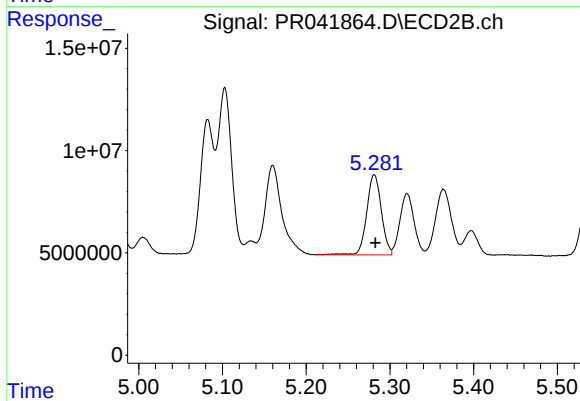
#17 AR-1242-2

R.T.: 5.103 min
Delta R.T.: -0.001 min
Response: 93662873
Conc: 164.58 ng/ml



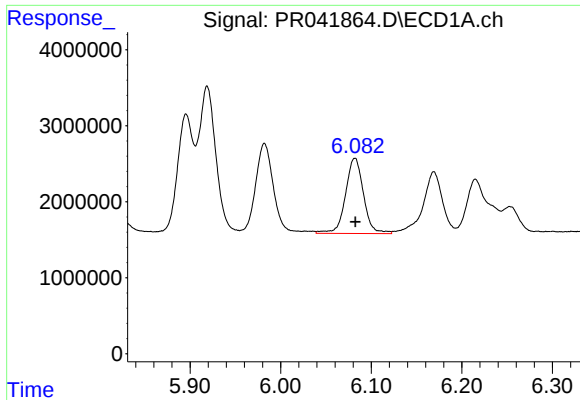
#18 AR-1242-3

R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 16220447
Conc: 172.87 ng/ml



#18 AR-1242-3

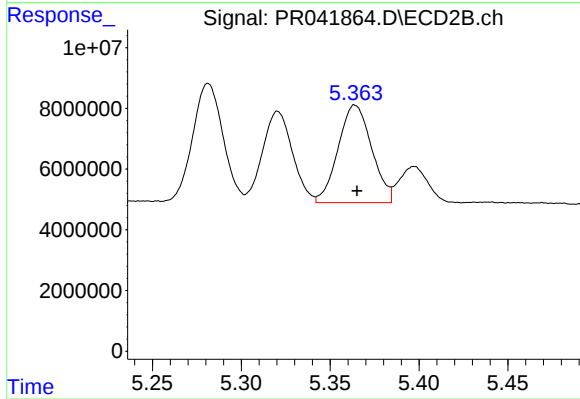
R.T.: 5.281 min
Delta R.T.: -0.001 min
Response: 47698524
Conc: 165.27 ng/ml



#19 AR-1242-4

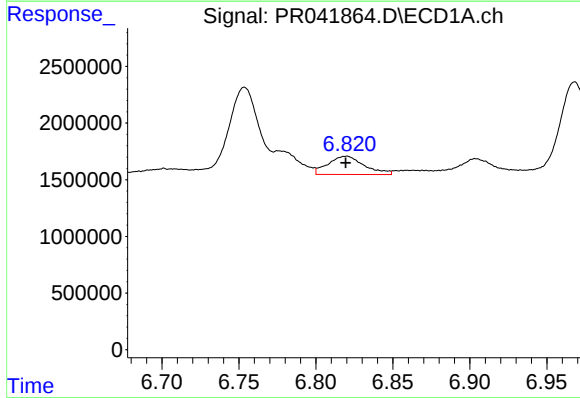
R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 13714434
Conc: 176.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS44



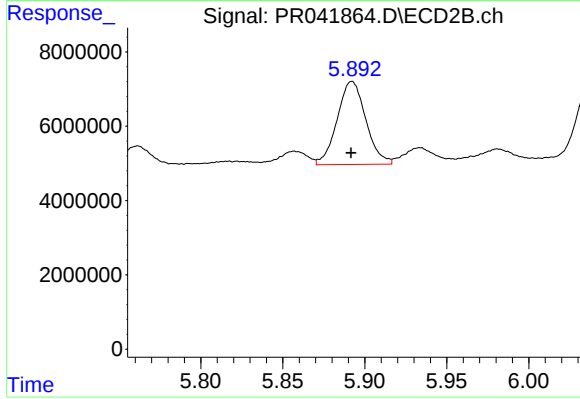
#19 AR-1242-4

R.T.: 5.364 min
Delta R.T.: -0.001 min
Response: 42279514
Conc: 162.41 ng/ml



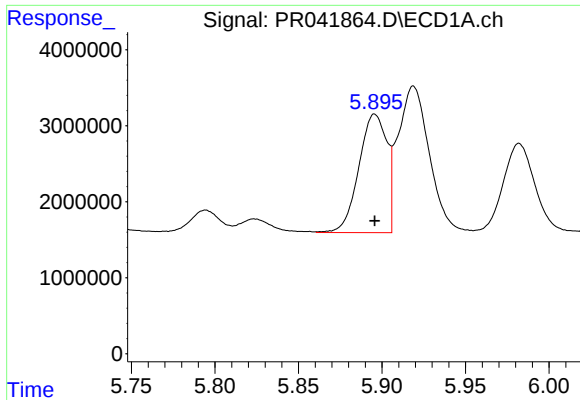
#20 AR-1242-5

R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 2660125
Conc: 30.39 ng/ml



#20 AR-1242-5

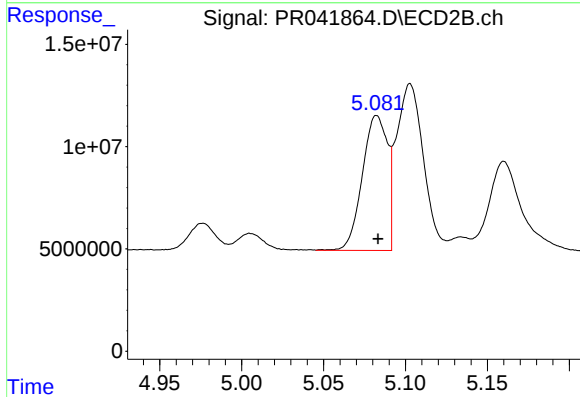
R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 27213142
Conc: 102.58 ng/ml



#21 AR-1248-1

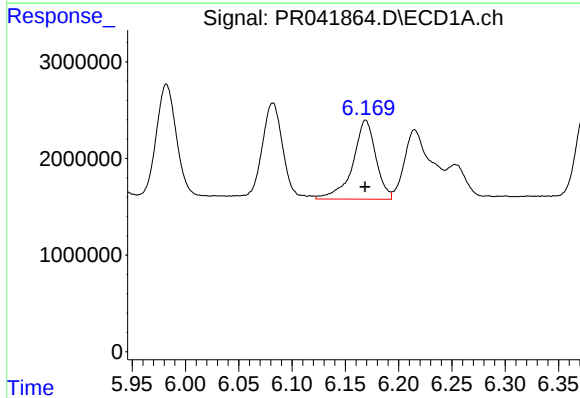
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 18225391
Conc: 219.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS44



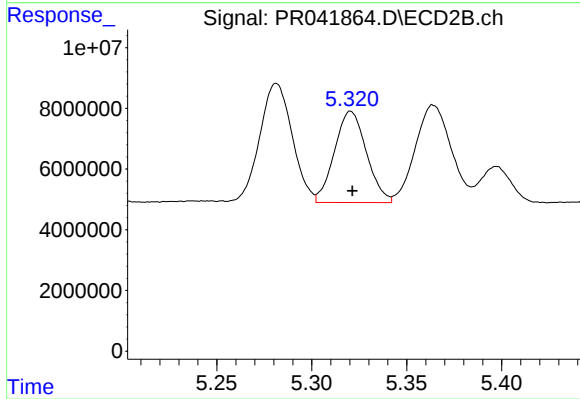
#21 AR-1248-1

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 70254681
Conc: 215.55 ng/ml



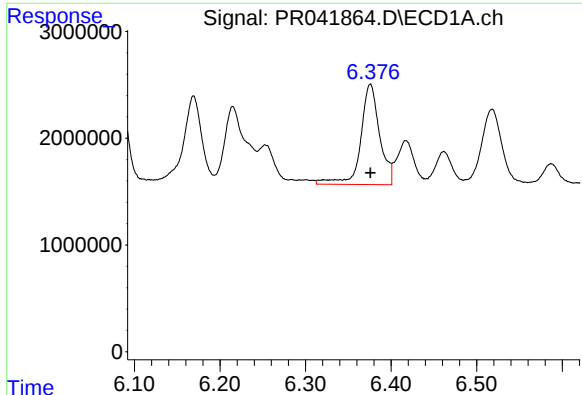
#22 AR-1248-2

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 12363410
Conc: 107.74 ng/ml



#22 AR-1248-2

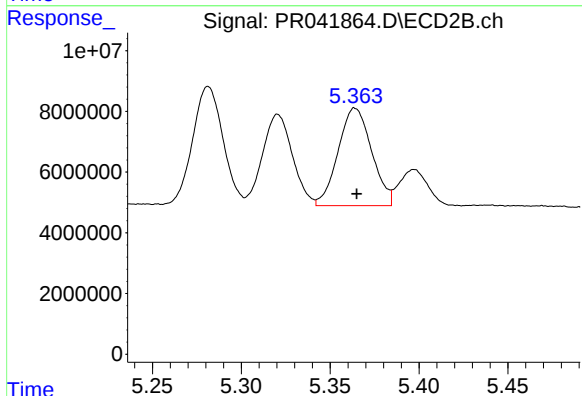
R.T.: 5.321 min
Delta R.T.: 0.000 min
Response: 35298628
Conc: 94.77 ng/ml



#23 AR-1248-3

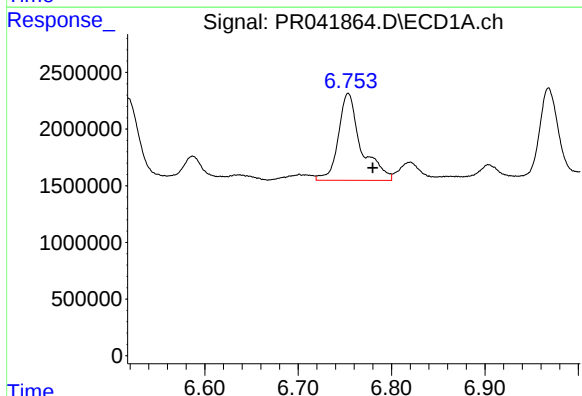
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 14451506
Conc: 111.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS44



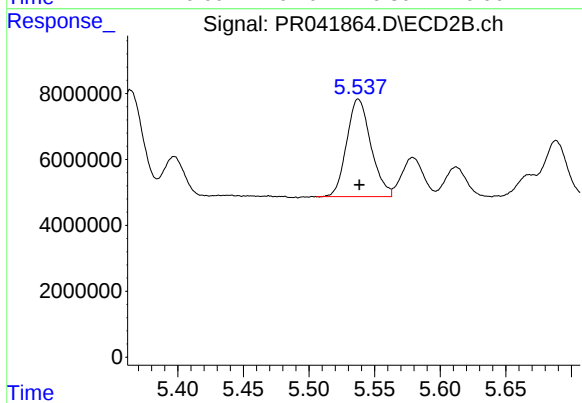
#23 AR-1248-3

R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 42279514
Conc: 112.95 ng/ml



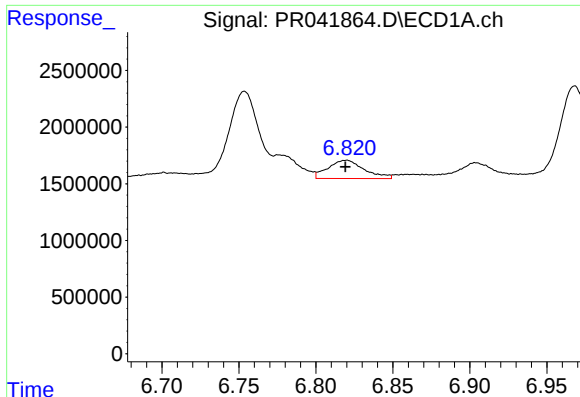
#24 AR-1248-4

R.T.: 6.754 min
Delta R.T.: -0.026 min
Response: 12985791
Conc: 84.63 ng/ml



#24 AR-1248-4

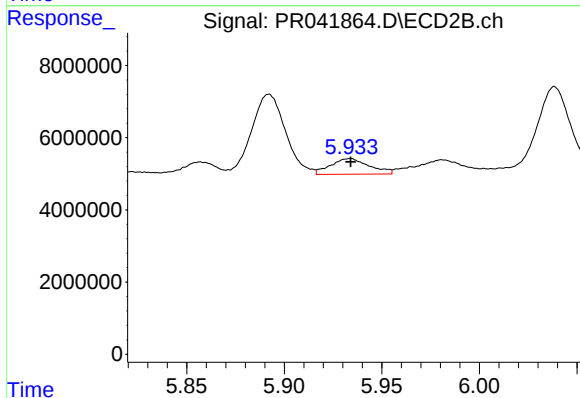
R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 38055435
Conc: 95.55 ng/ml



#25 AR-1248-5

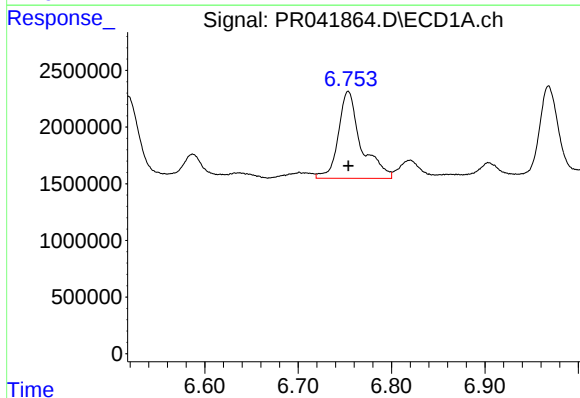
R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 2660125
Conc: 18.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS44



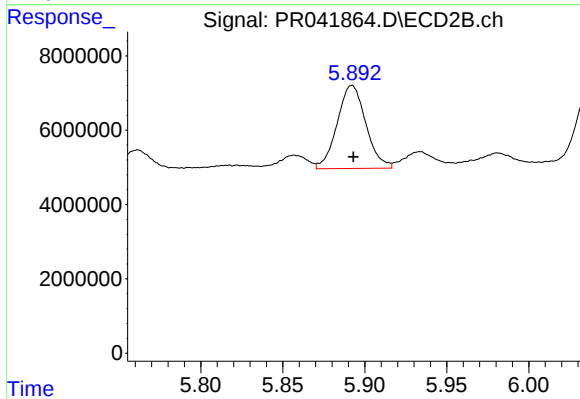
#25 AR-1248-5

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 6029376
Conc: 17.26 ng/ml



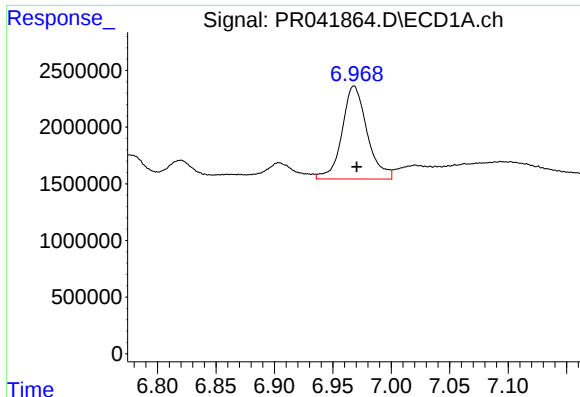
#26 AR-1254-1

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 12985791
Conc: 79.52 ng/ml



#26 AR-1254-1

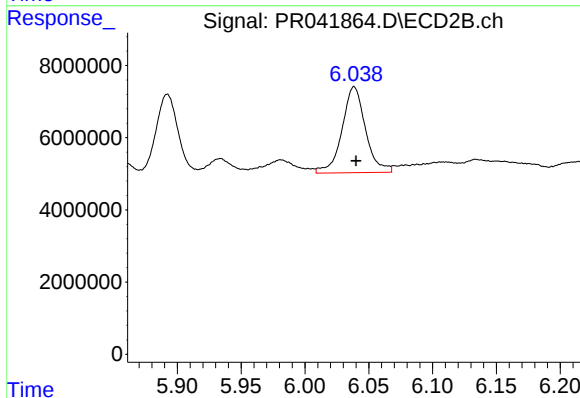
R.T.: 5.892 min
Delta R.T.: -0.001 min
Response: 27213142
Conc: 51.37 ng/ml



#27 AR-1254-2

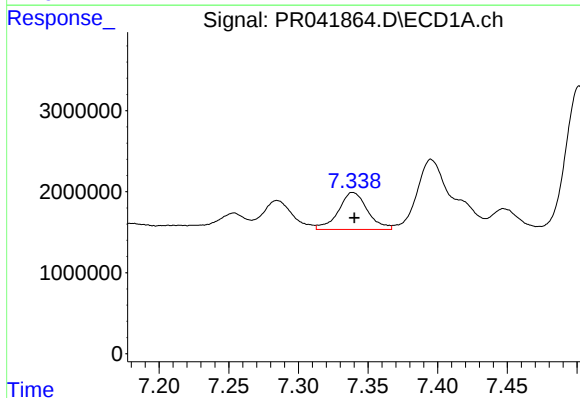
R.T.: 6.968 min
Delta R.T.: -0.002 min
Response: 12261457
Conc: 49.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS44



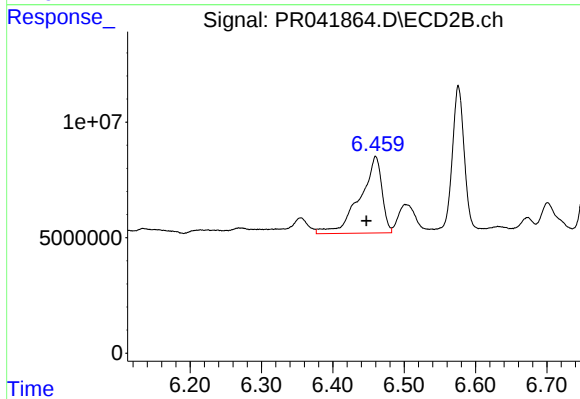
#27 AR-1254-2

R.T.: 6.039 min
Delta R.T.: -0.002 min
Response: 30493650
Conc: 60.82 ng/ml



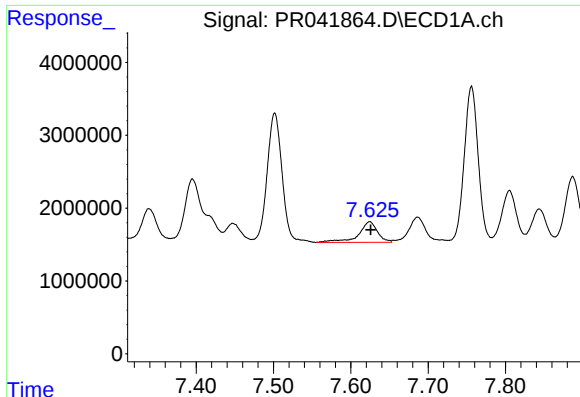
#28 AR-1254-3

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 6650371
Conc: 24.64 ng/ml



#28 AR-1254-3

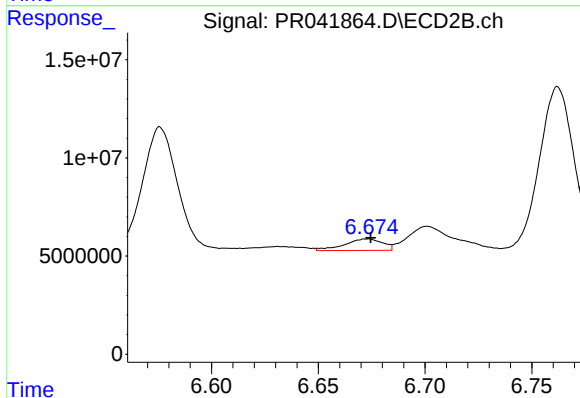
R.T.: 6.460 min
Delta R.T.: 0.013 min
Response: 71071082
Conc: 75.33 ng/ml



#29 AR-1254-4

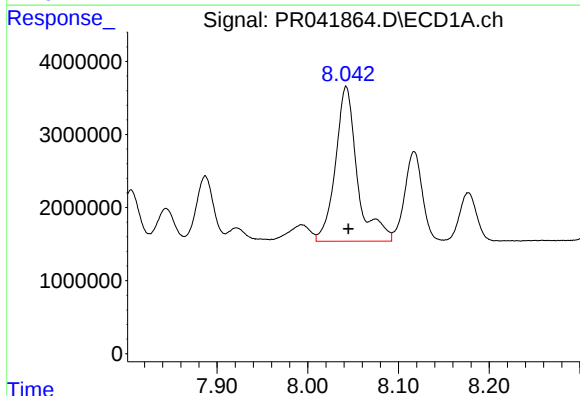
R.T.: 7.624 min
Delta R.T.: -0.001 min
Response: 4793022
Conc: 23.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS44



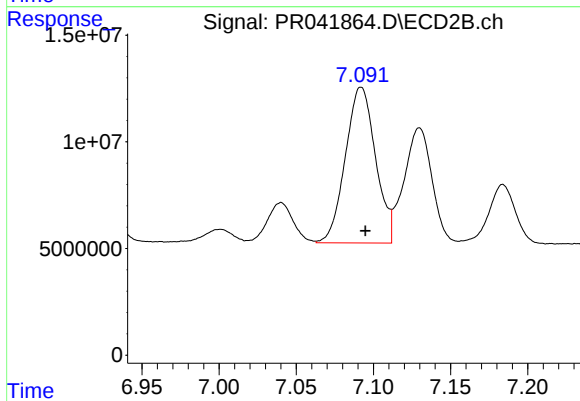
#29 AR-1254-4

R.T.: 6.673 min
Delta R.T.: -0.001 min
Response: 7226101
Conc: 10.91 ng/ml



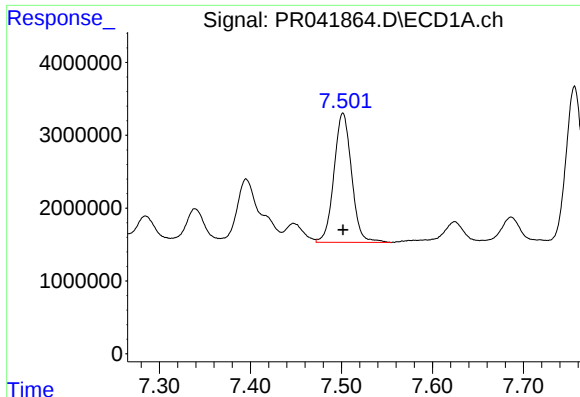
#30 AR-1254-5

R.T.: 8.042 min
Delta R.T.: -0.002 min
Response: 35511048
Conc: 166.99 ng/ml



#30 AR-1254-5

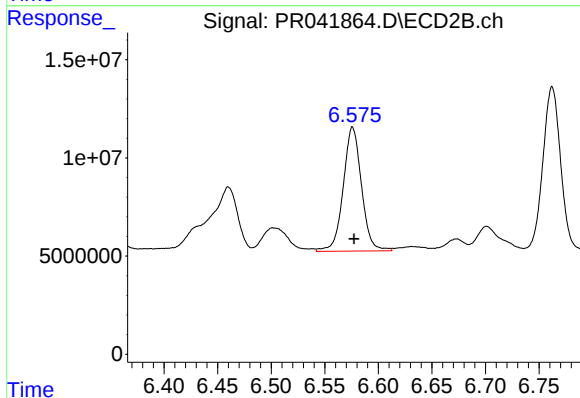
R.T.: 7.092 min
Delta R.T.: -0.003 min
Response: 99225962
Conc: 115.56 ng/ml



#31 AR-1260-1

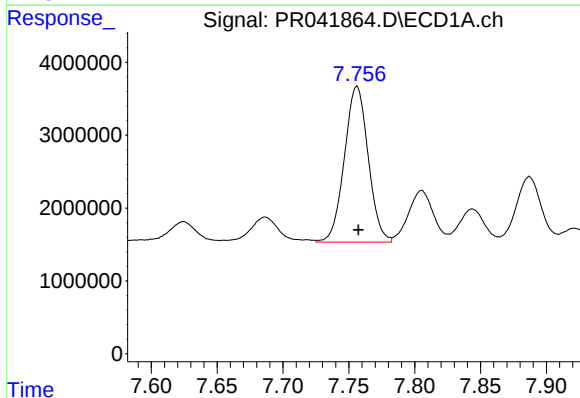
R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 23840811
Conc: 125.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS44



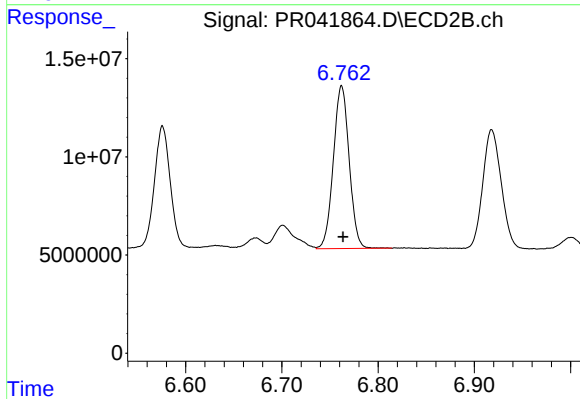
#31 AR-1260-1

R.T.: 6.576 min
Delta R.T.: -0.001 min
Response: 75056697
Conc: 126.62 ng/ml



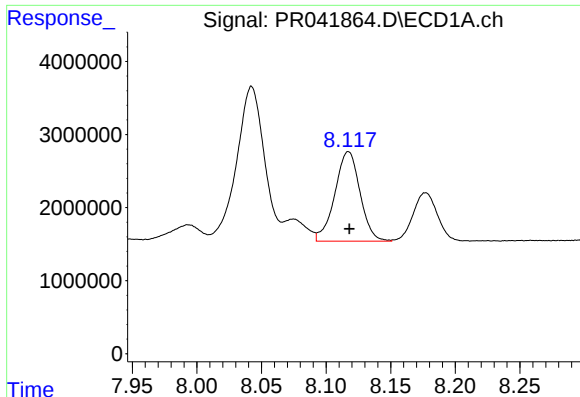
#32 AR-1260-2

R.T.: 7.756 min
Delta R.T.: -0.001 min
Response: 26939077
Conc: 113.97 ng/ml



#32 AR-1260-2

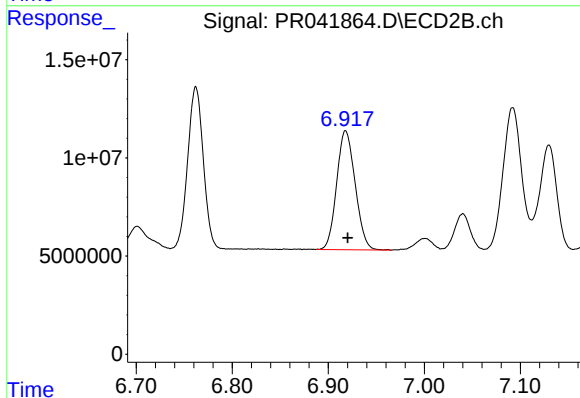
R.T.: 6.762 min
Delta R.T.: -0.001 min
Response: 94665722
Conc: 116.11 ng/ml



#33 AR-1260-3

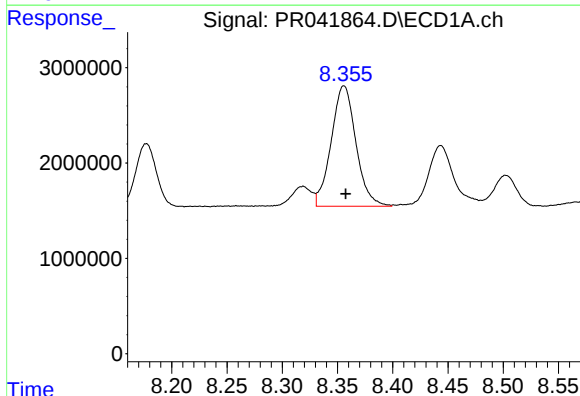
R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 16673847
Conc: 88.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS44



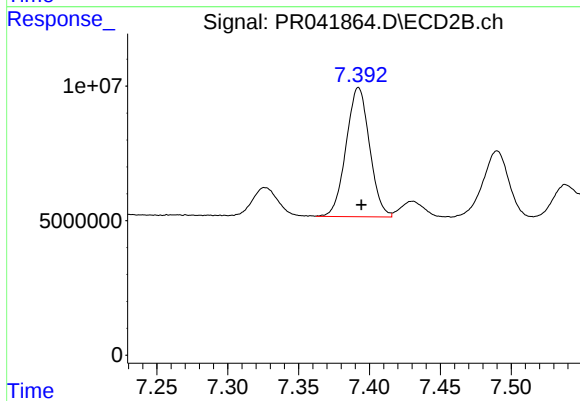
#33 AR-1260-3

R.T.: 6.918 min
Delta R.T.: -0.002 min
Response: 80612880
Conc: 116.61 ng/ml



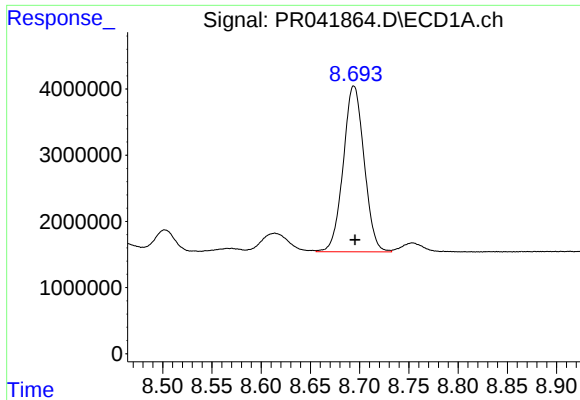
#34 AR-1260-4

R.T.: 8.356 min
Delta R.T.: -0.002 min
Response: 19697774
Conc: 98.02 ng/ml



#34 AR-1260-4

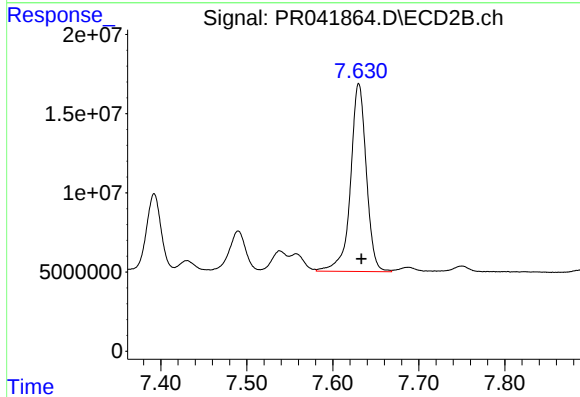
R.T.: 7.392 min
Delta R.T.: -0.002 min
Response: 55364255
Conc: 95.41 ng/ml



#35 AR-1260-5

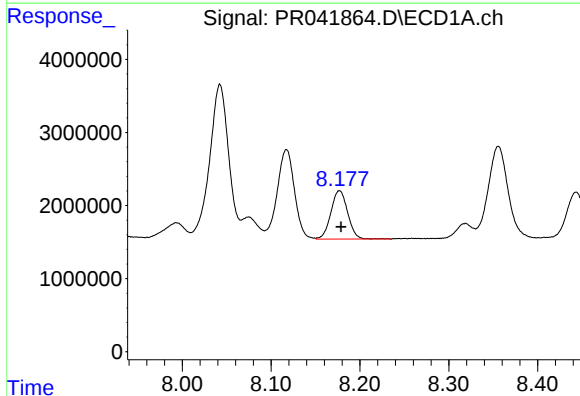
R.T.: 8.694 min
Delta R.T.: -0.001 min
Response: 36981171
Conc: 85.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS44



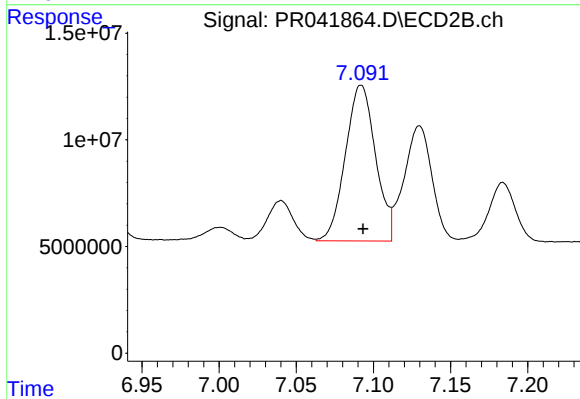
#35 AR-1260-5

R.T.: 7.630 min
Delta R.T.: -0.003 min
Response: 151148407
Conc: 92.97 ng/ml



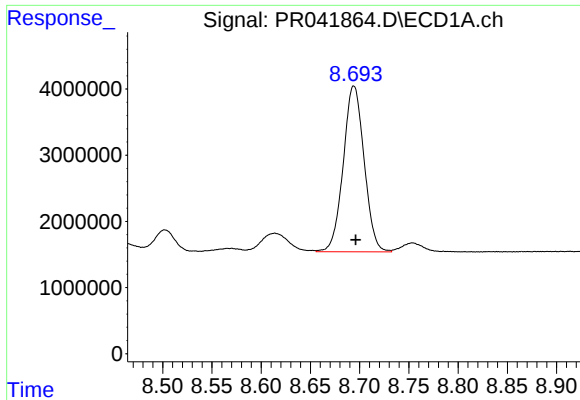
#36 AR-1262-1

R.T.: 8.177 min
Delta R.T.: -0.002 min
Response: 8681720
Conc: 92.23 ng/ml



#36 AR-1262-1

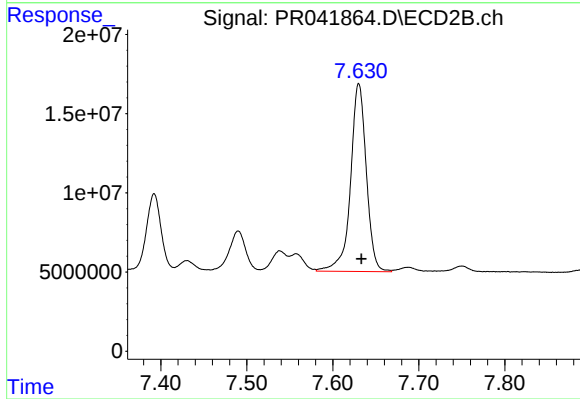
R.T.: 7.092 min
Delta R.T.: -0.001 min
Response: 99225962
Conc: 227.70 ng/ml



#37 AR-1262-2

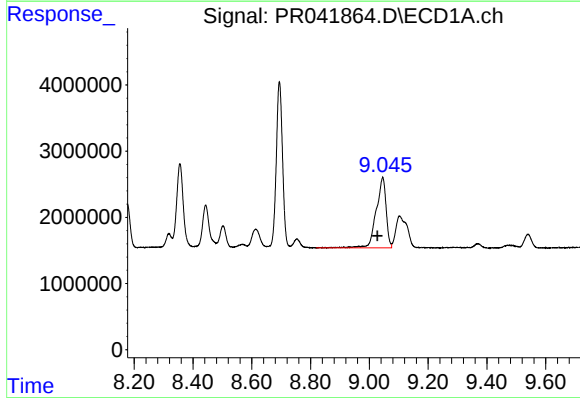
R.T.: 8.694 min
Delta R.T.: -0.002 min
Response: 36981171
Conc: 85.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS44



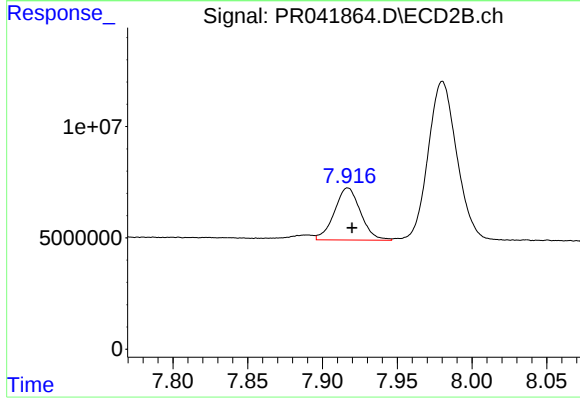
#37 AR-1262-2

R.T.: 7.630 min
Delta R.T.: -0.003 min
Response: 151148407
Conc: 87.80 ng/ml



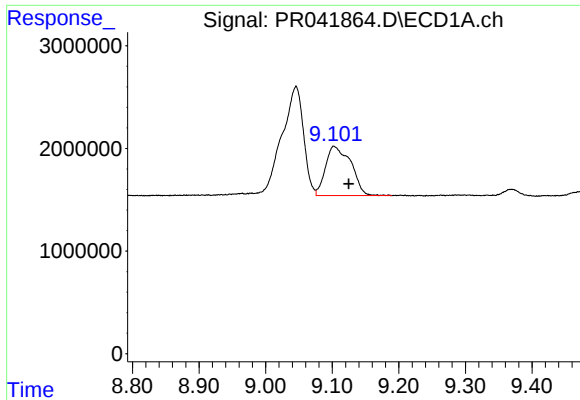
#38 AR-1262-3

R.T.: 9.045 min
Delta R.T.: 0.017 min
Response: 24931123
Conc: 89.44 ng/ml



#38 AR-1262-3

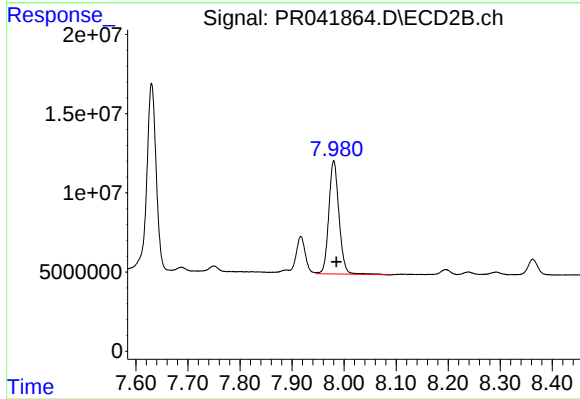
R.T.: 7.917 min
Delta R.T.: -0.003 min
Response: 28504253
Conc: 43.67 ng/ml



#39 AR-1262-4

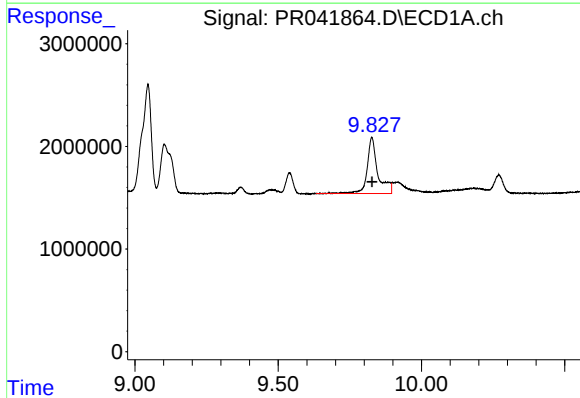
R.T.: 9.103 min
Delta R.T.: -0.021 min
Response: 12744445
Conc: 62.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS44



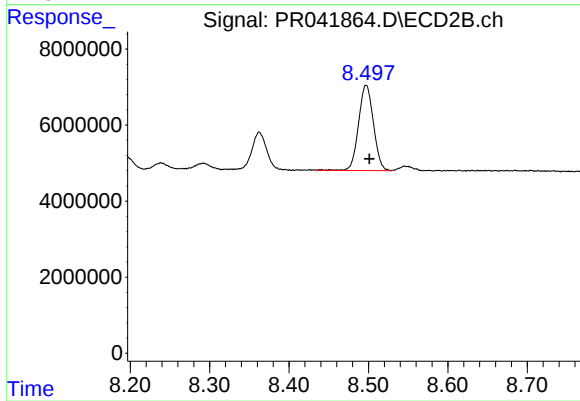
#39 AR-1262-4

R.T.: 7.980 min
Delta R.T.: -0.005 min
Response: 97660088
Conc: 83.57 ng/ml



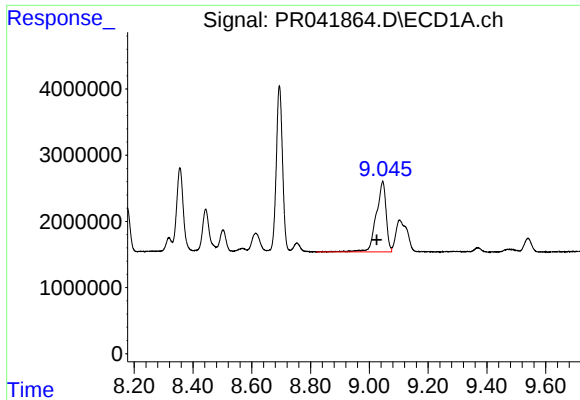
#40 AR-1262-5

R.T.: 9.827 min
Delta R.T.: 0.000 min
Response: 14197240
Conc: 98.42 ng/ml



#40 AR-1262-5

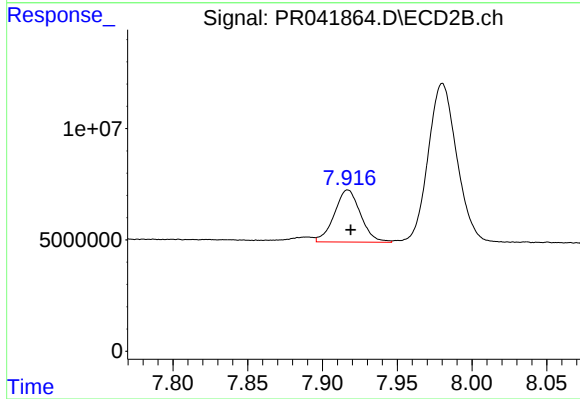
R.T.: 8.497 min
Delta R.T.: -0.004 min
Response: 29302155
Conc: 54.78 ng/ml



#41 AR-1268-1

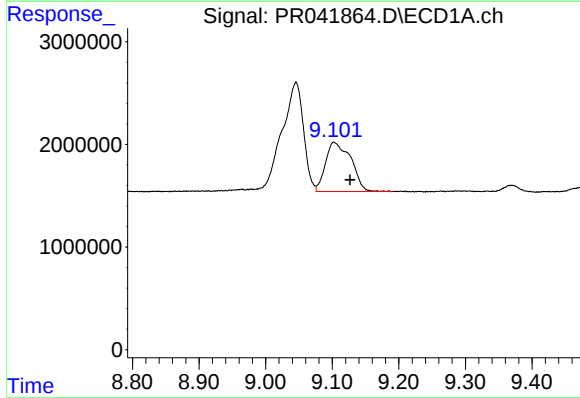
R.T.: 9.045 min
Delta R.T.: 0.020 min
Response: 24931123
Conc: 45.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS44



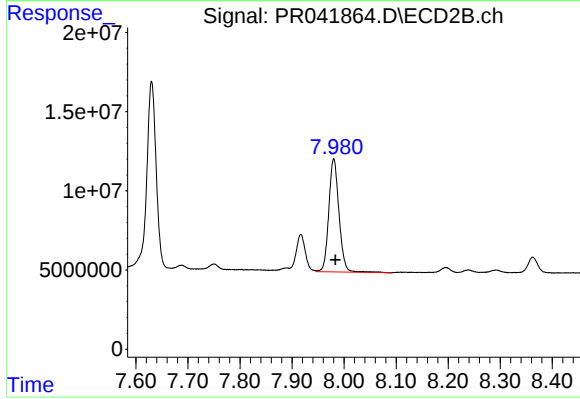
#41 AR-1268-1

R.T.: 7.917 min
Delta R.T.: -0.002 min
Response: 28504253
Conc: 13.00 ng/ml



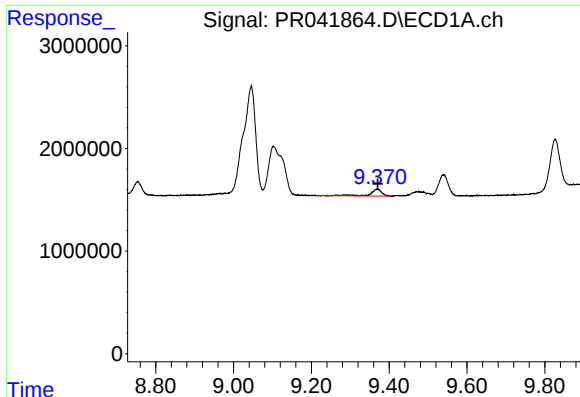
#42 AR-1268-2

R.T.: 9.103 min
Delta R.T.: -0.024 min
Response: 12744445
Conc: 25.63 ng/ml



#42 AR-1268-2

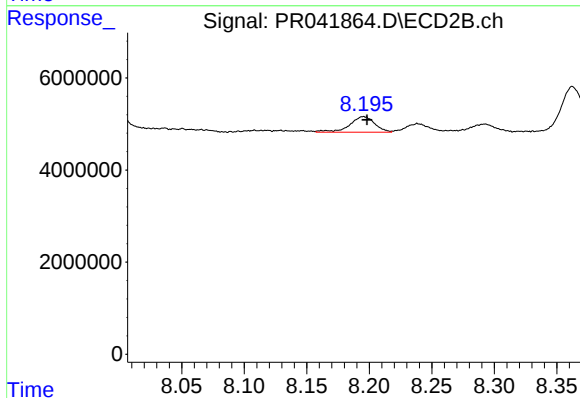
R.T.: 7.980 min
Delta R.T.: -0.003 min
Response: 97660088
Conc: 49.08 ng/ml



#43 AR-1268-3

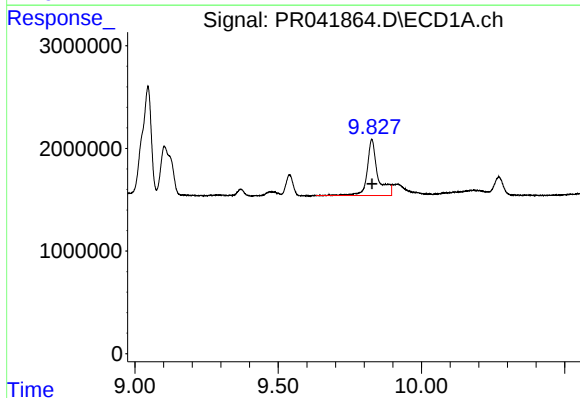
R.T.: 9.369 min
Delta R.T.: -0.002 min
Response: 1390931
Conc: 3.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS44



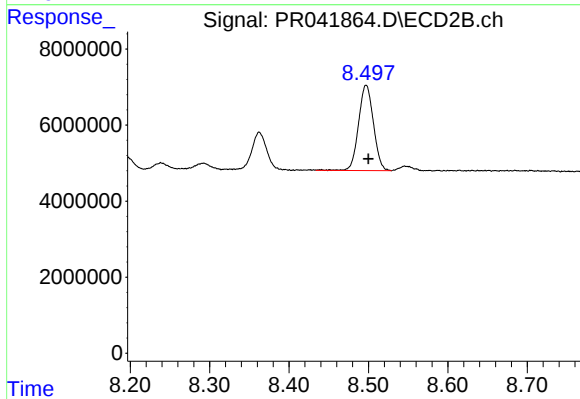
#43 AR-1268-3

R.T.: 8.195 min
Delta R.T.: -0.003 min
Response: 4743829
Conc: 2.83 ng/ml



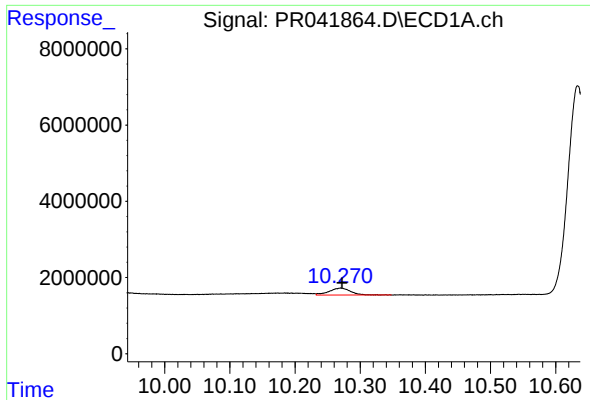
#44 AR-1268-4

R.T.: 9.827 min
Delta R.T.: -0.001 min
Response: 14197240
Conc: 80.92 ng/ml



#44 AR-1268-4

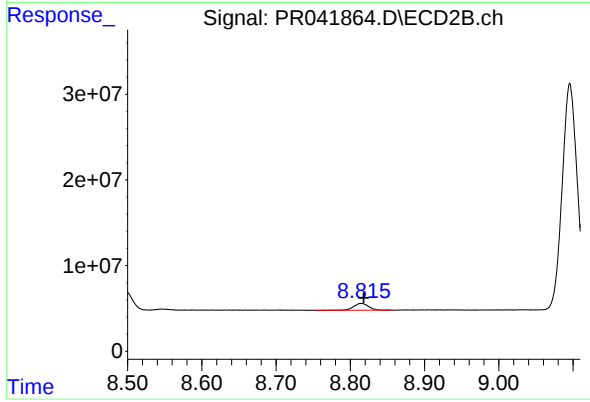
R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 29302155
Conc: 45.40 ng/ml



#45 AR-1268-5

R.T.: 10.270 min
Delta R.T.: -0.002 min
Response: 4106261
Conc: 3.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS44



#45 AR-1268-5

R.T.: 8.815 min
Delta R.T.: -0.004 min
Response: 11084719
Conc: 2.42 ng/ml