

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092319\
 Data File : PR041439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2019 03:04
 Operator : SM\AJ
 Sample : PB123270BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 ALCS70

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 04:56:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR092319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 24 04:36:18 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...	4.739	4.006	30359746	133.6E6	22.871	22.094
2)	SA Decachlor...	10.659	9.121	110.1E6	296.0E6	34.485	27.434
Target Compounds							
3)	L1 AR-1016-1	5.914	5.103	7539220	16153752	117.898	109.628
4)	L1 AR-1016-2	5.937	5.124	10486297	23149613	115.155	112.442
5)	L1 AR-1016-3	6.000	5.302	6300554	11963468	114.815	101.096
6)	L1 AR-1016-4	6.100	5.341	5564934	9871742	116.022	101.336
7)	L1 AR-1016-5	6.393	5.558	4987658	13424594	100.818	96.563
8)	L2 AR-1221-1	0.000	4.218	0	1945339	N.D.	33.940 #
9)	L2 AR-1221-2	0.000	4.308	0	2591418	N.D.	74.308 #
10)	L2 AR-1221-3	5.113	4.383	2853373	7468674	78.125	70.433
11)	L3 AR-1232-1	5.113	4.383	2853373	7468674	97.829	92.658
12)	L3 AR-1232-2	5.647	5.124	4781370	23149613	292.260	238.030
13)	L3 AR-1232-3	5.937	5.302	10486297	11963468	276.594	266.426
14)	L3 AR-1232-4	6.100	5.385	5564934	12060810	301.595	287.941
15)	L3 AR-1232-5	6.186	5.558	4963934	13424594	359.245	250.955 #
16)	L4 AR-1242-1	5.914	5.103	7539220	16153752	146.574	144.061
17)	L4 AR-1242-2	5.937	5.124	10486297	23149613	143.875	144.786
18)	L4 AR-1242-3	6.000	5.302	6300554	11963468	142.492	131.893
19)	L4 AR-1242-4	6.100	5.385	5564934	12060810	151.697	128.163
20)	L4 AR-1242-5	6.796f	5.912	759543	15398106	14.818	90.770 #
21)	L5 AR-1248-1	5.914	5.103	7539220	16153752	205.396	191.650
22)	L5 AR-1248-2	6.186	5.341	4963934	9871742	90.118	81.163
23)	L5 AR-1248-3	6.393	5.385	4987658	12060810	77.677	95.133
24)	L5 AR-1248-4	6.796	5.558	759543	13424594	8.900	79.981 #
25)	L5 AR-1248-5	6.796f	5.952	759543	4589946	9.321	21.081 #
26)	L6 AR-1254-1	6.770	5.912	4514065	15398106	54.244	47.481
27)	L6 AR-1254-2	6.985	6.058	4826764	16497385	34.351	54.001 #
28)	L6 AR-1254-3	7.355	6.480	3761729	27680546	22.201	49.468 #
29)	L6 AR-1254-4	7.640	6.692	2793318	6266111	20.578	14.683 #
30)	L6 AR-1254-5	8.057	7.111	19165807	50796632	124.640	87.804 #
31)	L7 AR-1260-1	7.517	6.596	11660548	40776183	98.469	104.693
32)	L7 AR-1260-2	7.771	6.781	15182635	53537238	102.884	99.310
33)	L7 AR-1260-3	8.133	6.937	9583740	39595453	82.639	84.766
34)	L7 AR-1260-4	8.371	7.411	13388837	27392029	93.775	64.632 #
35)	L7 AR-1260-5	8.711	7.650	25804848	89219300	83.758	73.245
36)	L8 AR-1262-1	8.192	7.111	4990108	50796632	64.790	151.765 #
37)	L8 AR-1262-2	8.711	7.650	25804848	89219300	68.063	64.607
38)	L8 AR-1262-3	9.064	7.936	16933075	15699673	64.222	27.450 #
39)	L8 AR-1262-4	9.121	7.999	8770878	54858601	44.417	54.134
40)	L8 AR-1262-5	9.847	8.518	6989739	21241528	44.642	37.946
41)	L9 AR-1268-1	9.064	7.936	16933075	15699673	35.211	9.277 #

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 Operator : SM\AJ
 Sample : PB123270BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

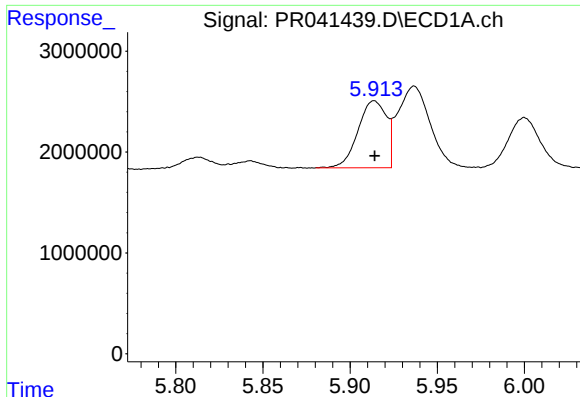
Instrument :
 ECD_R
 ClientSampleId :
 ALCS70

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 04:56:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR092319CLP.M
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 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	9.121	7.999	8770878	54858601	19.831	35.066 #
43) L9	AR-1268-3	9.390	8.216	1054131	2150450	2.853	1.625 #
44) L9	AR-1268-4	9.847	8.518	6989739	21241528	39.924	35.394
45) L9	AR-1268-5	10.295	8.837	3048961	9033692	2.156	2.049

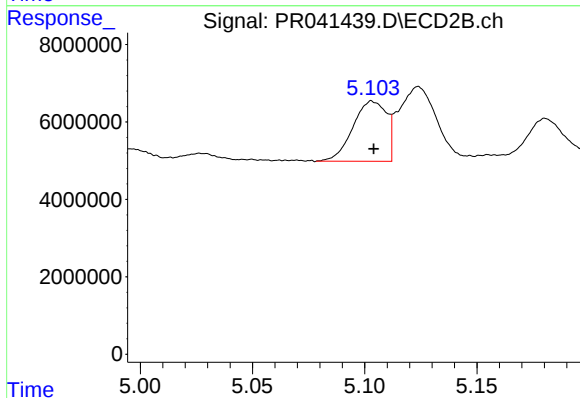
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

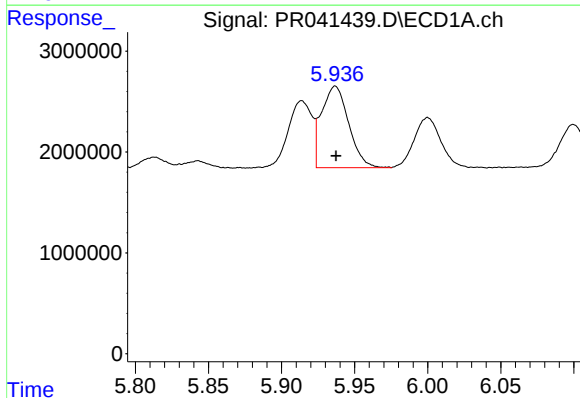
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 7539220
Conc: 117.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS70



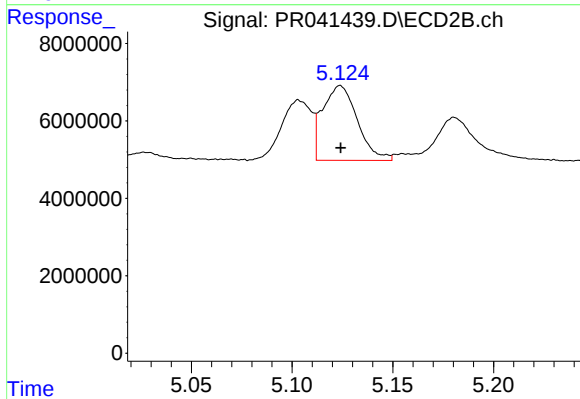
#3 AR-1016-1

R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 16153752
Conc: 109.63 ng/ml



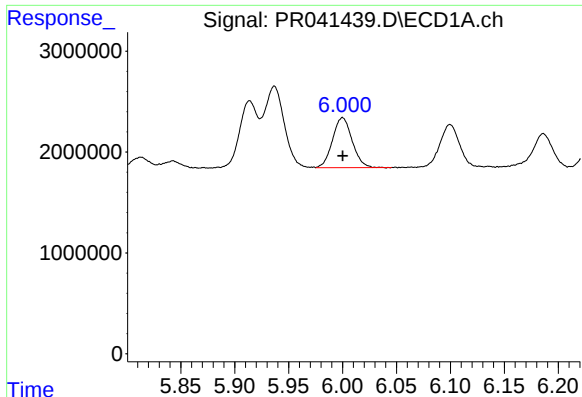
#4 AR-1016-2

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 10486297
Conc: 115.16 ng/ml



#4 AR-1016-2

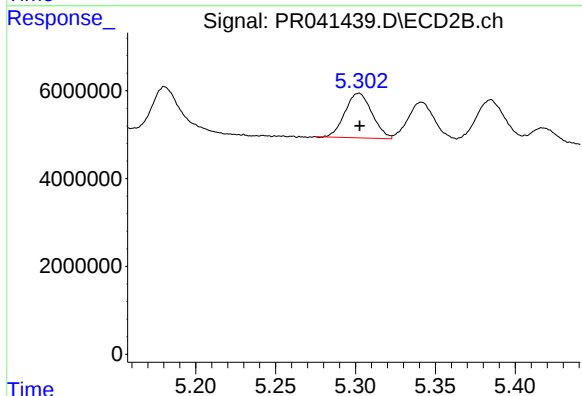
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 23149613
Conc: 112.44 ng/ml



#5 AR-1016-3

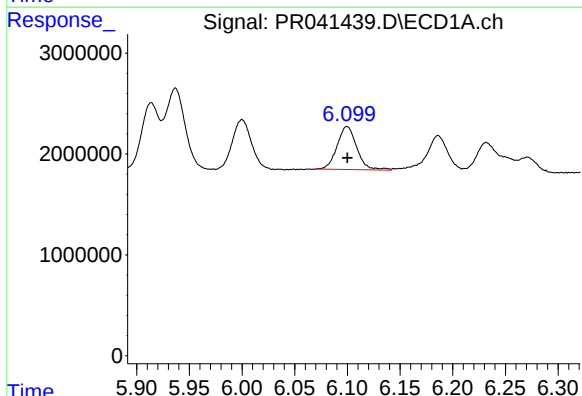
R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 6300554
Conc: 114.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS70



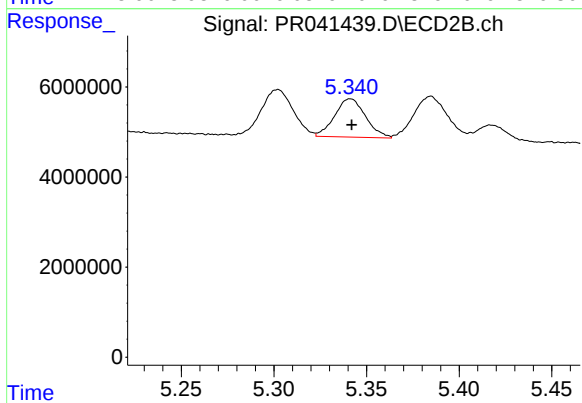
#5 AR-1016-3

R.T.: 5.302 min
Delta R.T.: 0.000 min
Response: 11963468
Conc: 101.10 ng/ml



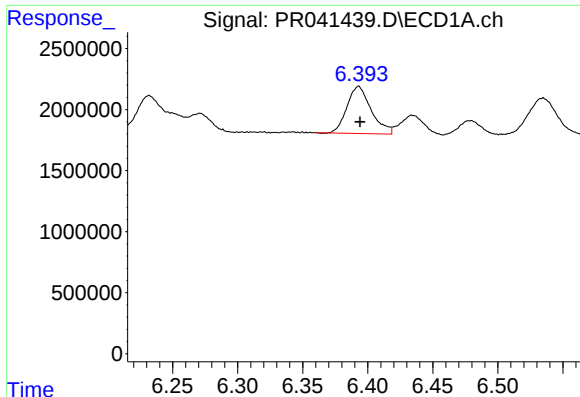
#6 AR-1016-4

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 5564934
Conc: 116.02 ng/ml



#6 AR-1016-4

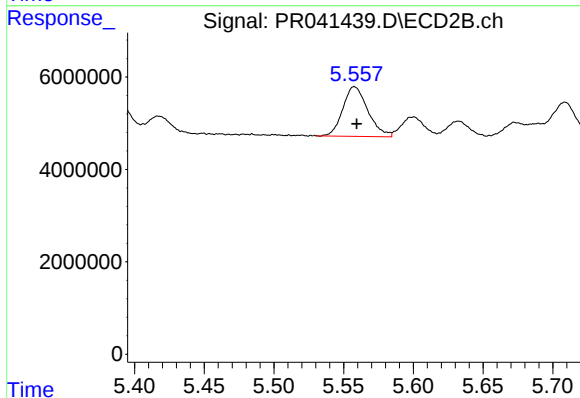
R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 9871742
Conc: 101.34 ng/ml



#7 AR-1016-5

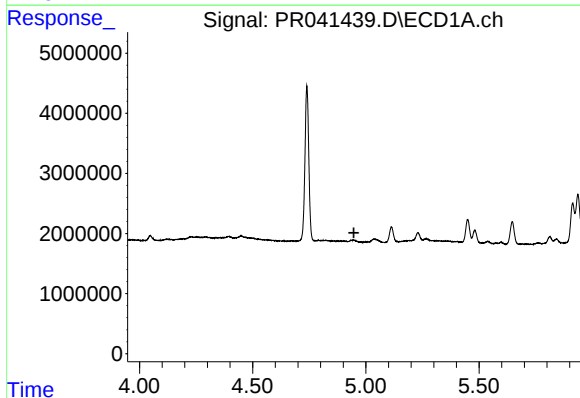
R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 4987658
Conc: 100.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS70



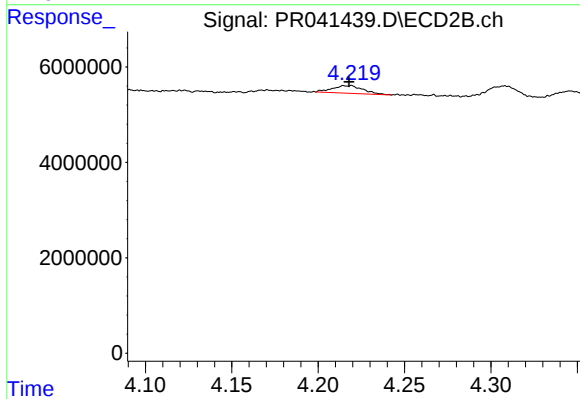
#7 AR-1016-5

R.T.: 5.558 min
Delta R.T.: -0.002 min
Response: 13424594
Conc: 96.56 ng/ml



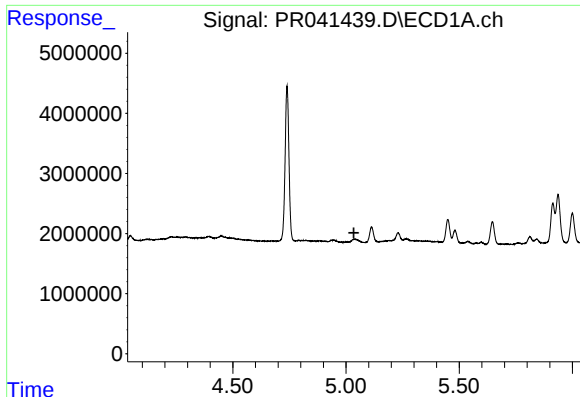
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.947 min
Response: 0
Conc: N.D.



#8 AR-1221-1

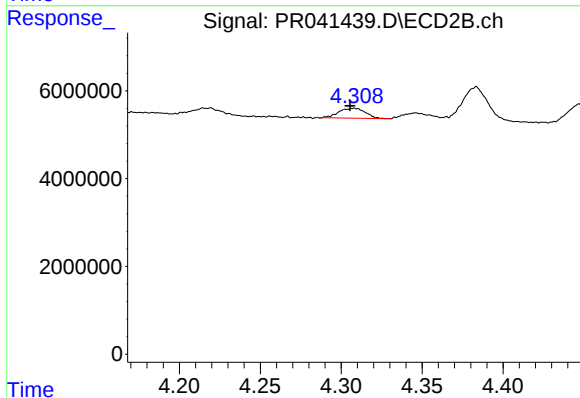
R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 1945339
Conc: 33.94 ng/ml



#9 AR-1221-2

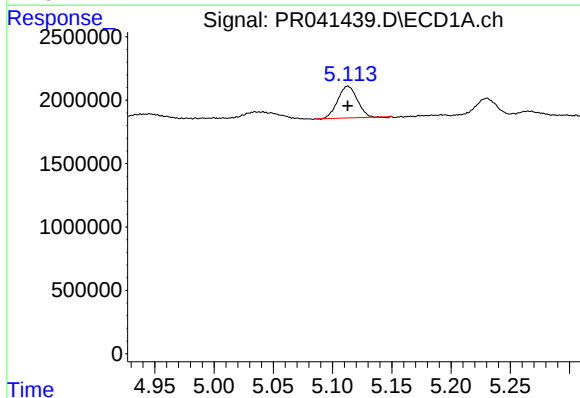
R.T.: 0.000 min
Exp R.T.: 5.035 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ALCS70



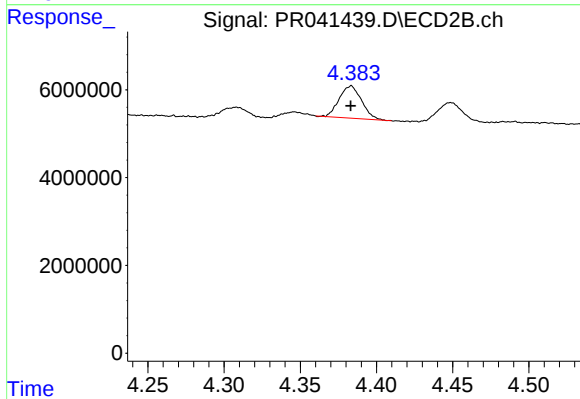
#9 AR-1221-2

R.T.: 4.308 min
Delta R.T.: 0.003 min
Response: 2591418
Conc: 74.31 ng/ml



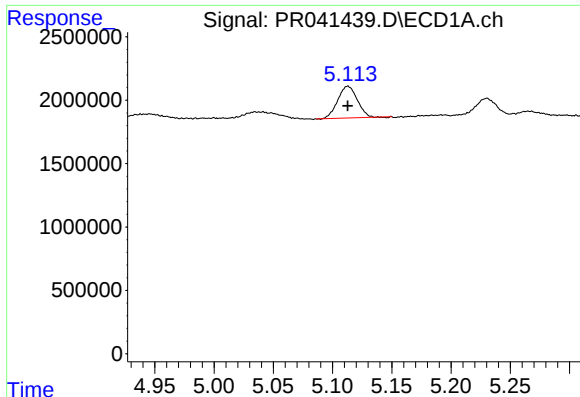
#10 AR-1221-3

R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 2853373
Conc: 78.13 ng/ml



#10 AR-1221-3

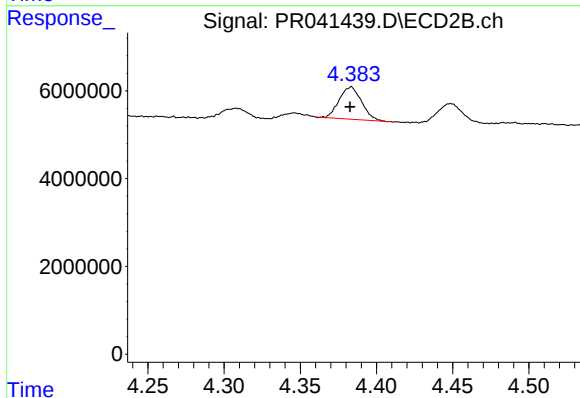
R.T.: 4.383 min
Delta R.T.: 0.000 min
Response: 7468674
Conc: 70.43 ng/ml



#11 AR-1232-1

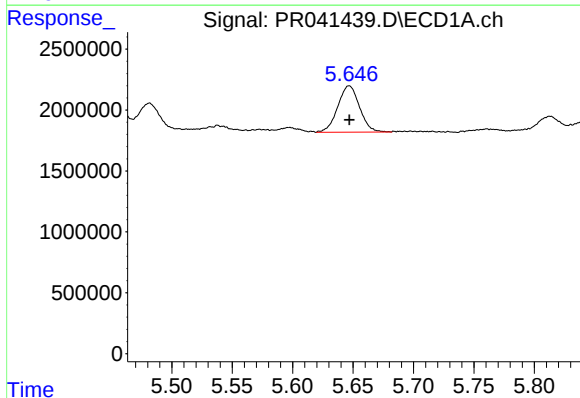
R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 2853373
Conc: 97.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS70



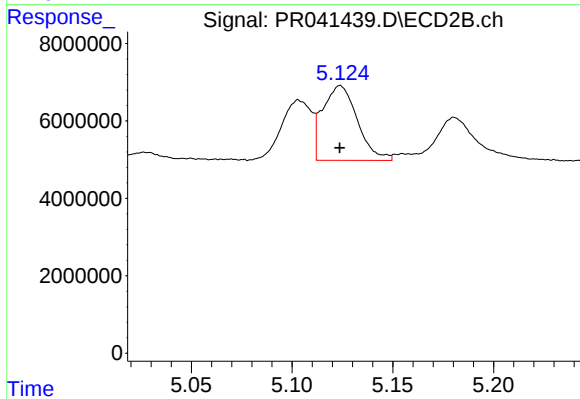
#11 AR-1232-1

R.T.: 4.383 min
Delta R.T.: 0.000 min
Response: 7468674
Conc: 92.66 ng/ml



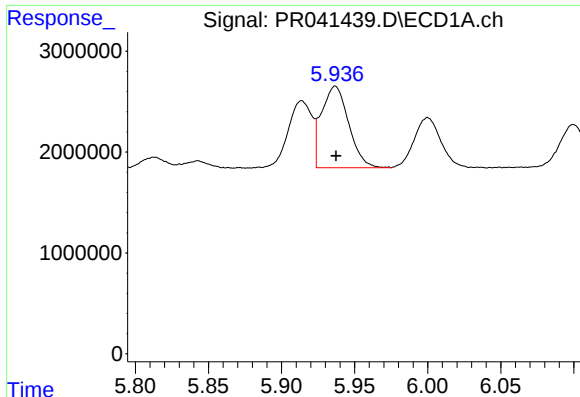
#12 AR-1232-2

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 4781370
Conc: 292.26 ng/ml



#12 AR-1232-2

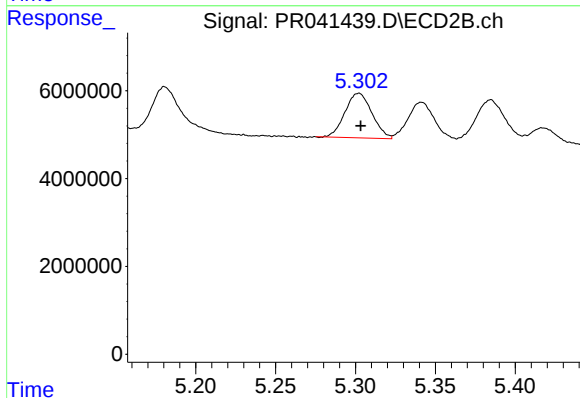
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 23149613
Conc: 238.03 ng/ml



#13 AR-1232-3

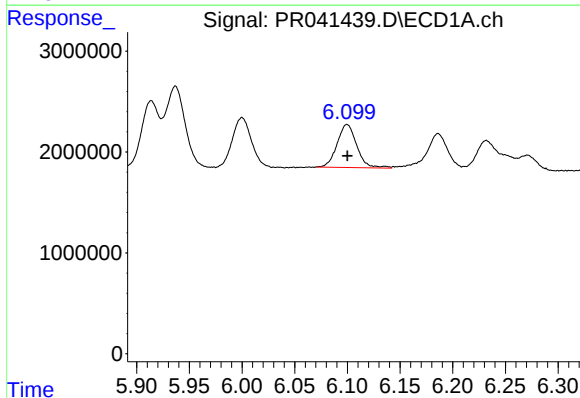
R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 10486297
Conc: 276.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS70



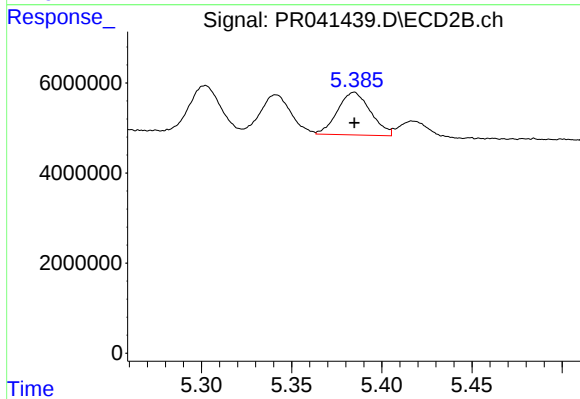
#13 AR-1232-3

R.T.: 5.302 min
Delta R.T.: -0.001 min
Response: 11963468
Conc: 266.43 ng/ml



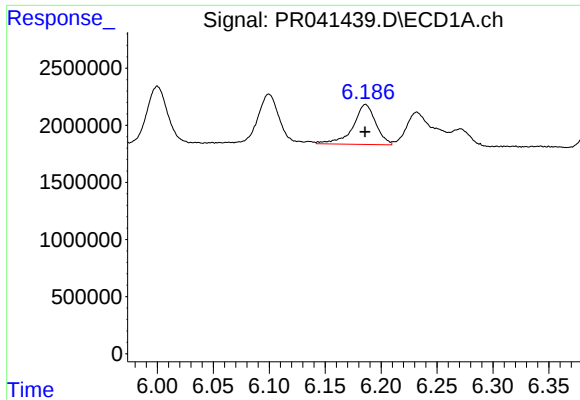
#14 AR-1232-4

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 5564934
Conc: 301.59 ng/ml



#14 AR-1232-4

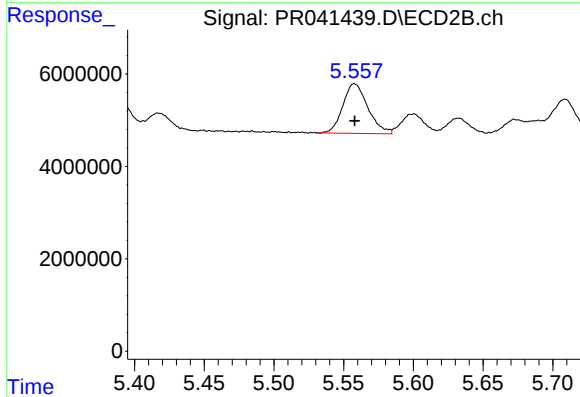
R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 12060810
Conc: 287.94 ng/ml



#15 AR-1232-5

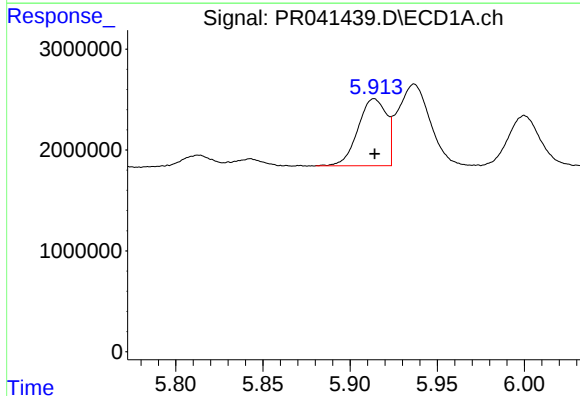
R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 4963934
Conc: 359.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS70



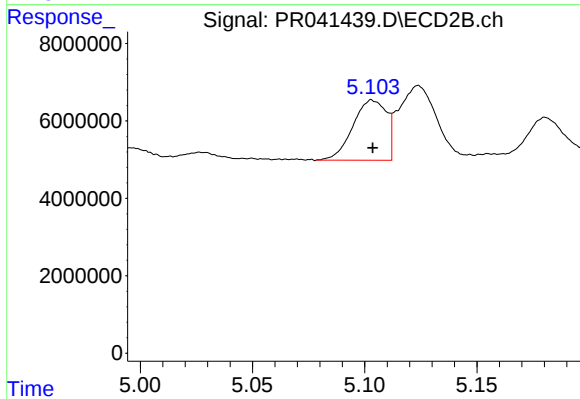
#15 AR-1232-5

R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 13424594
Conc: 250.95 ng/ml



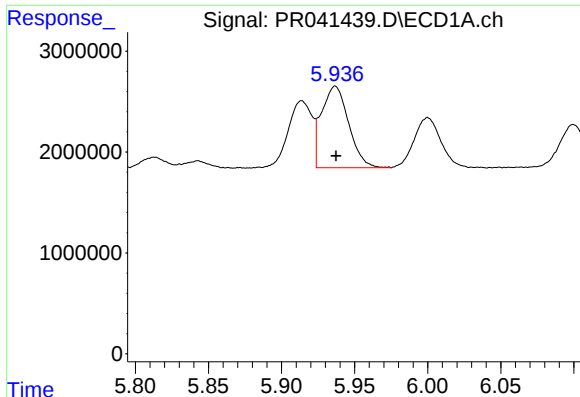
#16 AR-1242-1

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 7539220
Conc: 146.57 ng/ml



#16 AR-1242-1

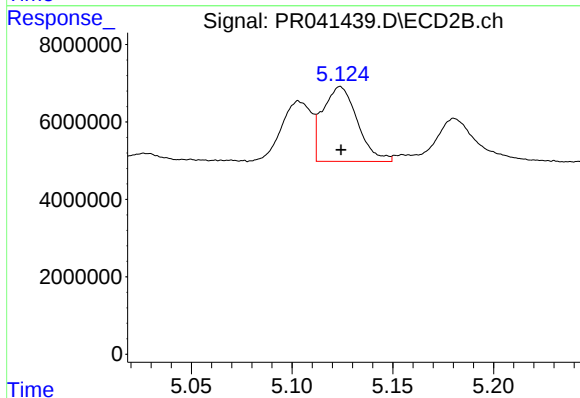
R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 16153752
Conc: 144.06 ng/ml



#17 AR-1242-2

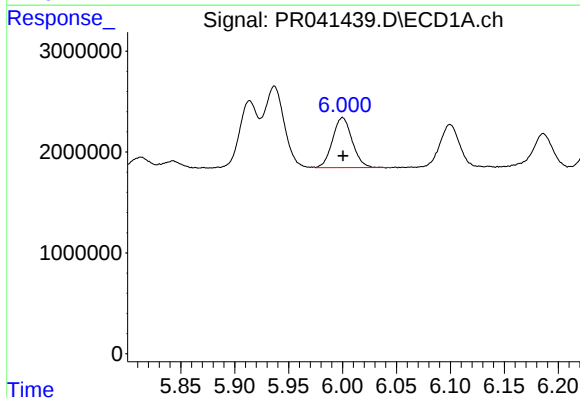
R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 10486297
Conc: 143.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS70



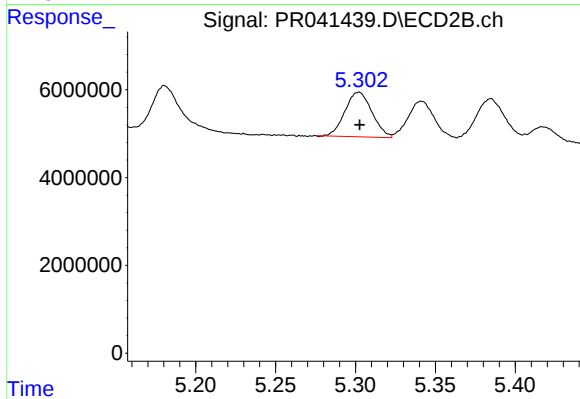
#17 AR-1242-2

R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 23149613
Conc: 144.79 ng/ml



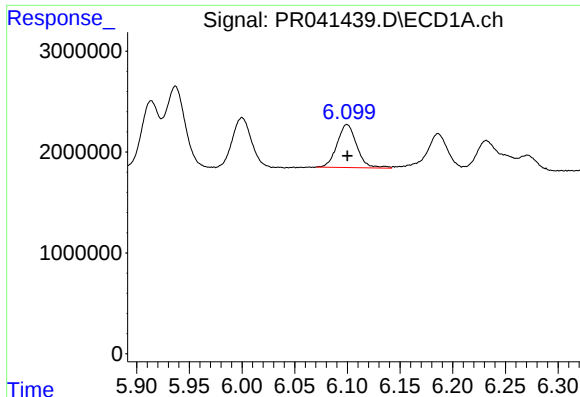
#18 AR-1242-3

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 6300554
Conc: 142.49 ng/ml



#18 AR-1242-3

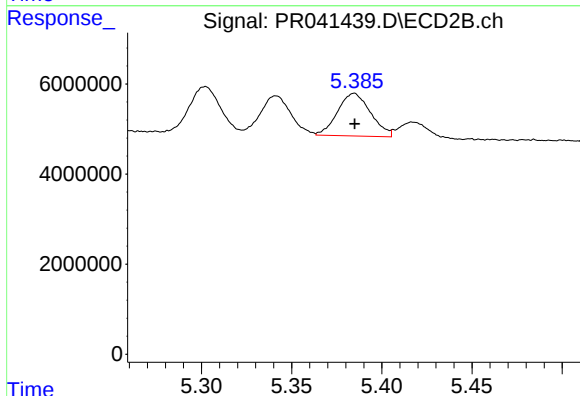
R.T.: 5.302 min
Delta R.T.: 0.000 min
Response: 11963468
Conc: 131.89 ng/ml



#19 AR-1242-4

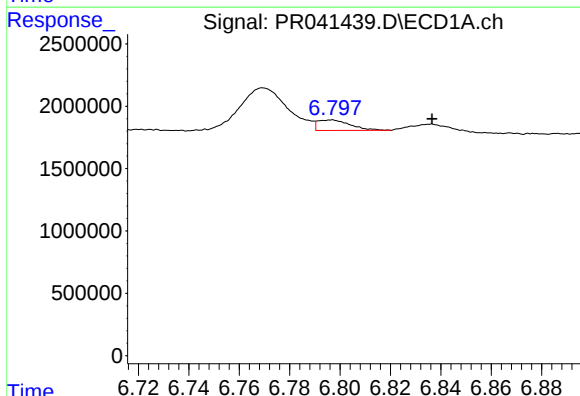
R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 5564934
Conc: 151.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS70



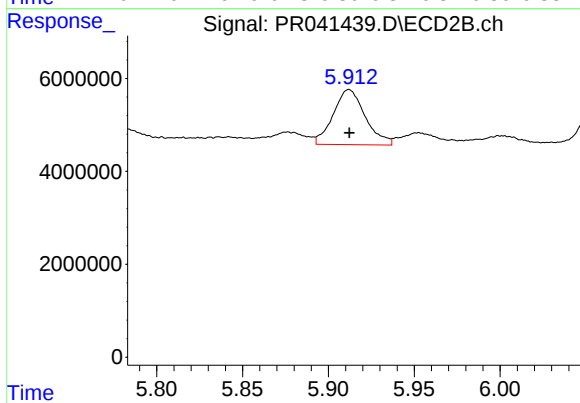
#19 AR-1242-4

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 12060810
Conc: 128.16 ng/ml



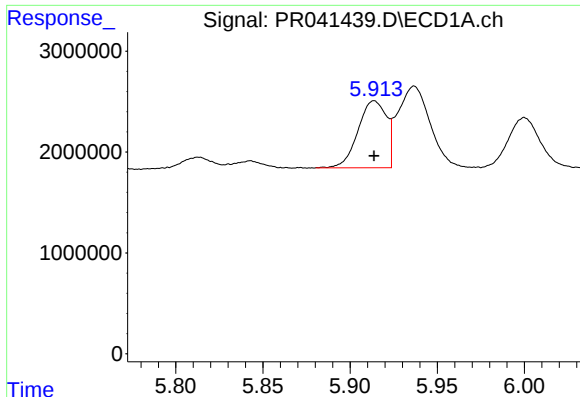
#20 AR-1242-5

R.T.: 6.796 min
Delta R.T.: -0.040 min
Response: 759543
Conc: 14.82 ng/ml



#20 AR-1242-5

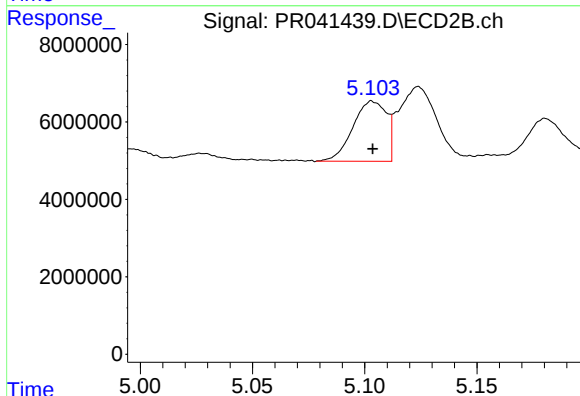
R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 15398106
Conc: 90.77 ng/ml



#21 AR-1248-1

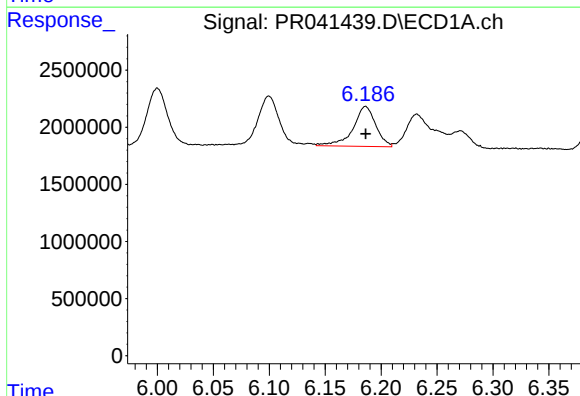
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 7539220
Conc: 205.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS70



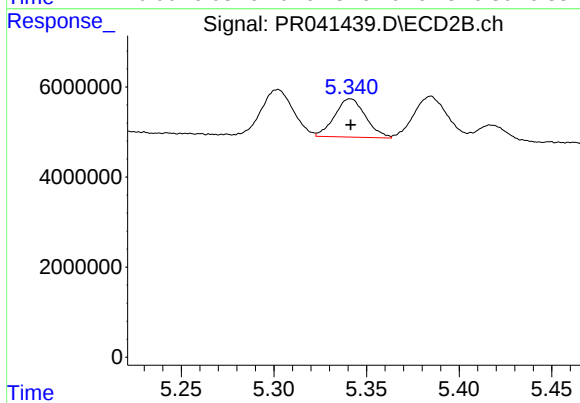
#21 AR-1248-1

R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 16153752
Conc: 191.65 ng/ml



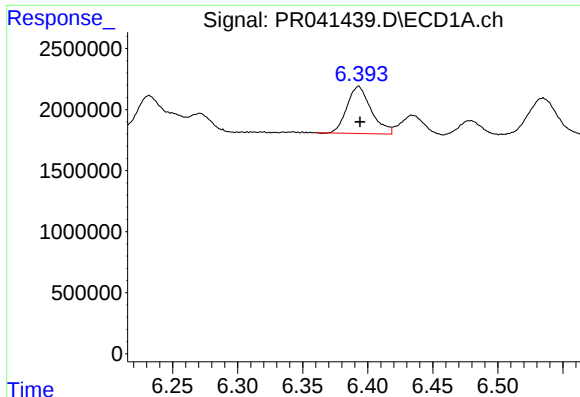
#22 AR-1248-2

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 4963934
Conc: 90.12 ng/ml



#22 AR-1248-2

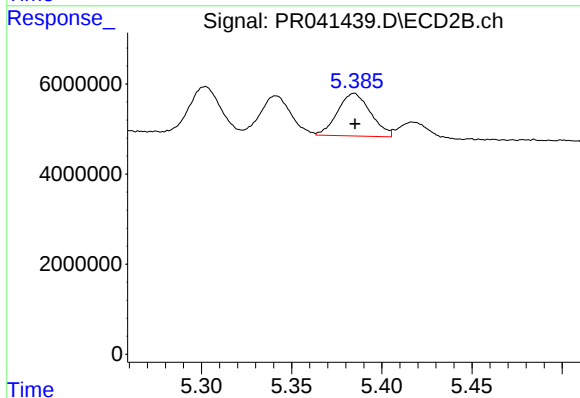
R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 9871742
Conc: 81.16 ng/ml



#23 AR-1248-3

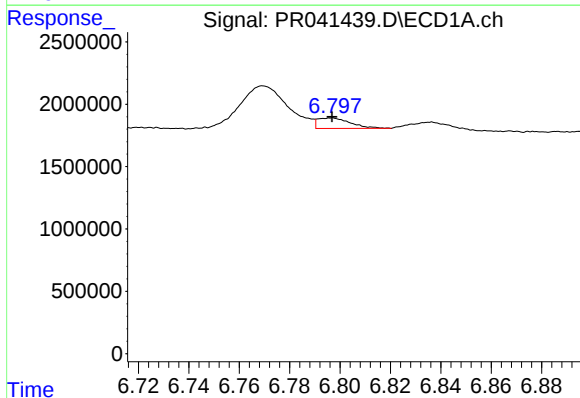
R.T.: 6.393 min
Delta R.T.: -0.001 min
Response: 4987658
Conc: 77.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS70



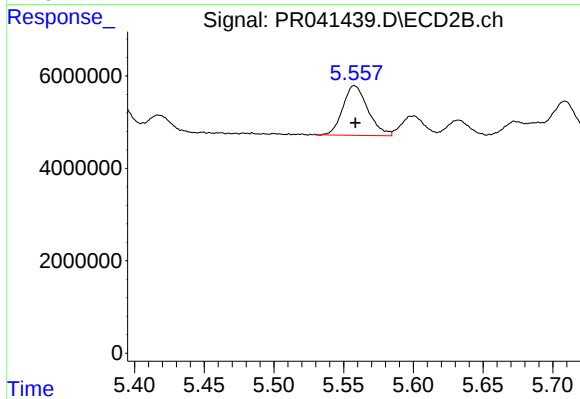
#23 AR-1248-3

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 12060810
Conc: 95.13 ng/ml



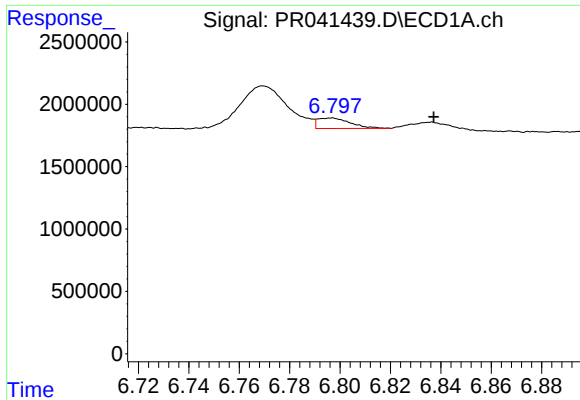
#24 AR-1248-4

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 759543
Conc: 8.90 ng/ml



#24 AR-1248-4

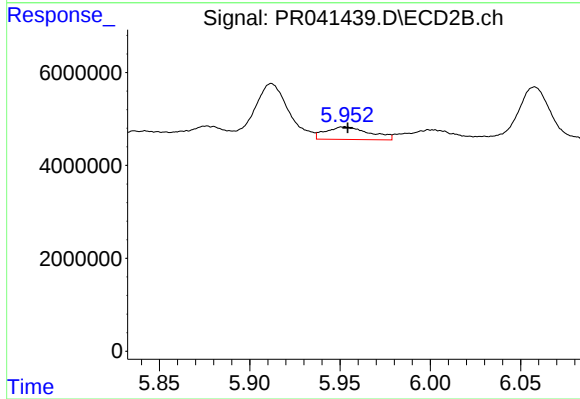
R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 13424594
Conc: 79.98 ng/ml



#25 AR-1248-5

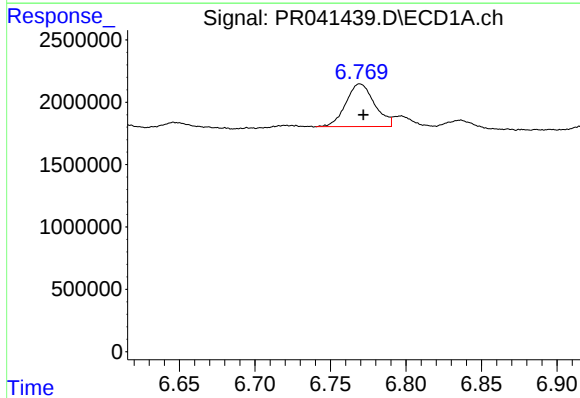
R.T.: 6.796 min
Delta R.T.: -0.041 min
Response: 759543
Conc: 9.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS70



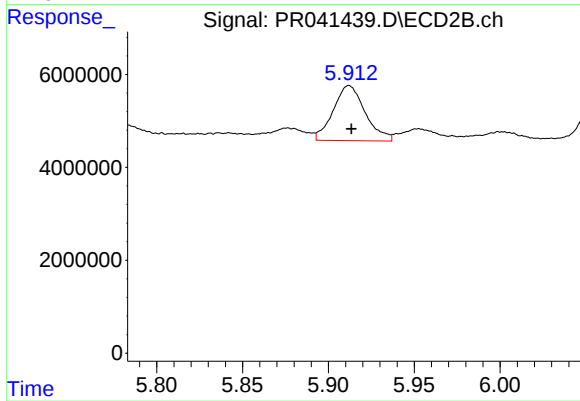
#25 AR-1248-5

R.T.: 5.952 min
Delta R.T.: -0.002 min
Response: 4589946
Conc: 21.08 ng/ml



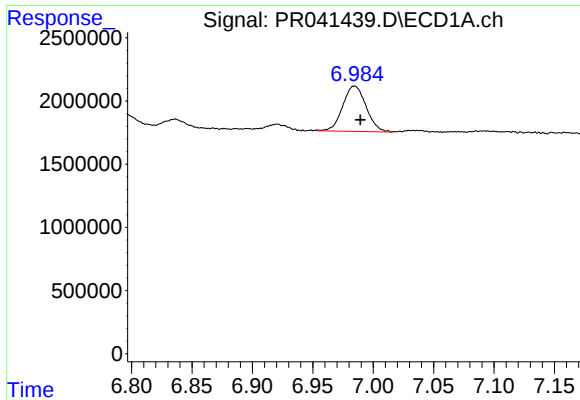
#26 AR-1254-1

R.T.: 6.770 min
Delta R.T.: -0.002 min
Response: 4514065
Conc: 54.24 ng/ml



#26 AR-1254-1

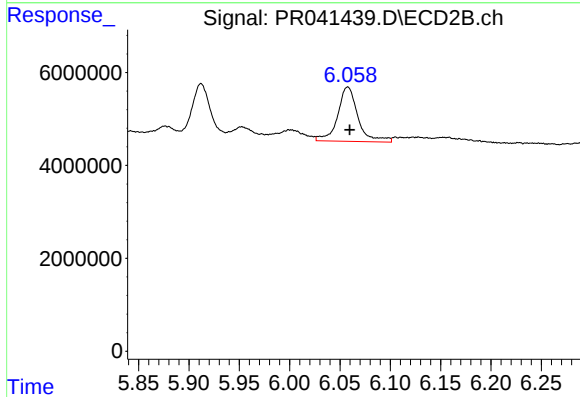
R.T.: 5.912 min
Delta R.T.: -0.001 min
Response: 15398106
Conc: 47.48 ng/ml



#27 AR-1254-2

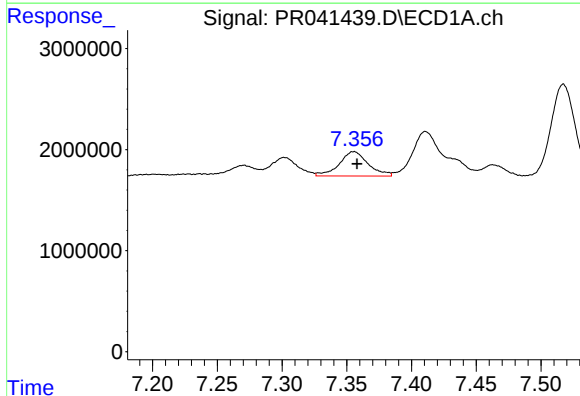
R.T.: 6.985 min
Delta R.T.: -0.005 min
Response: 4826764
Conc: 34.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS70



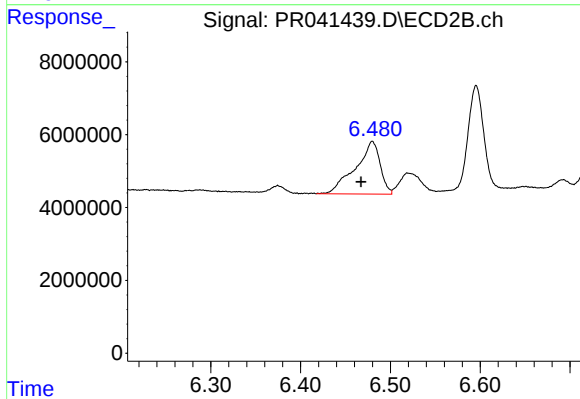
#27 AR-1254-2

R.T.: 6.058 min
Delta R.T.: -0.002 min
Response: 16497385
Conc: 54.00 ng/ml



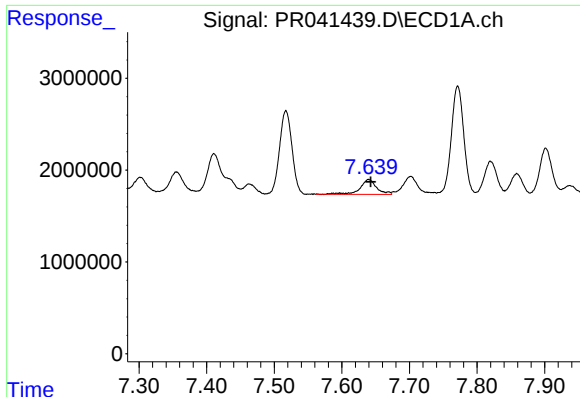
#28 AR-1254-3

R.T.: 7.355 min
Delta R.T.: -0.002 min
Response: 3761729
Conc: 22.20 ng/ml



#28 AR-1254-3

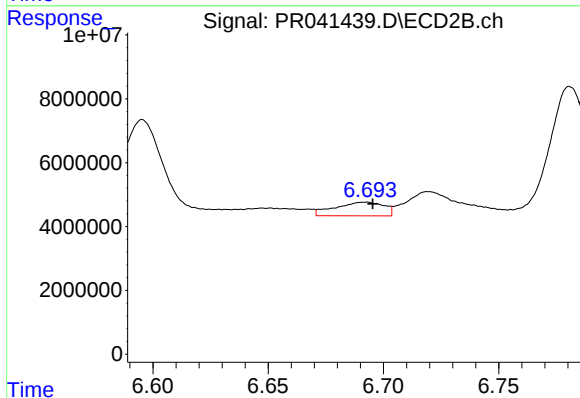
R.T.: 6.480 min
Delta R.T.: 0.012 min
Response: 27680546
Conc: 49.47 ng/ml



#29 AR-1254-4

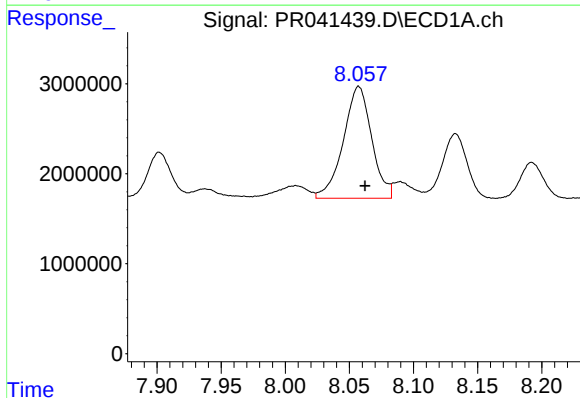
R.T.: 7.640 min
Delta R.T.: -0.003 min
Response: 2793318
Conc: 20.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS70



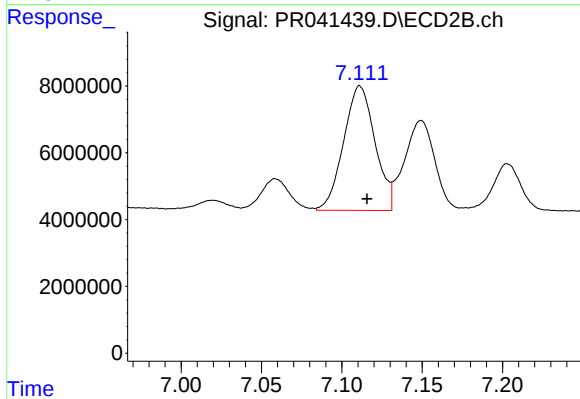
#29 AR-1254-4

R.T.: 6.692 min
Delta R.T.: -0.003 min
Response: 6266111
Conc: 14.68 ng/ml



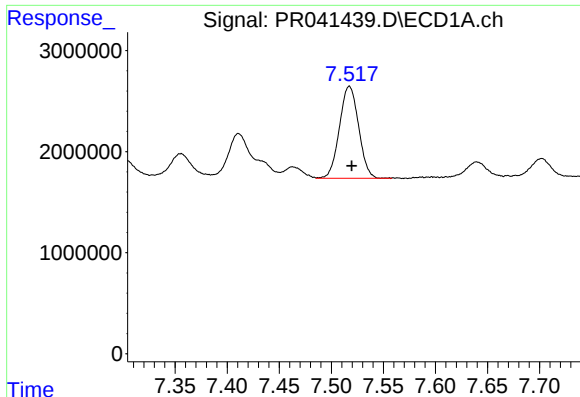
#30 AR-1254-5

R.T.: 8.057 min
Delta R.T.: -0.005 min
Response: 19165807
Conc: 124.64 ng/ml



#30 AR-1254-5

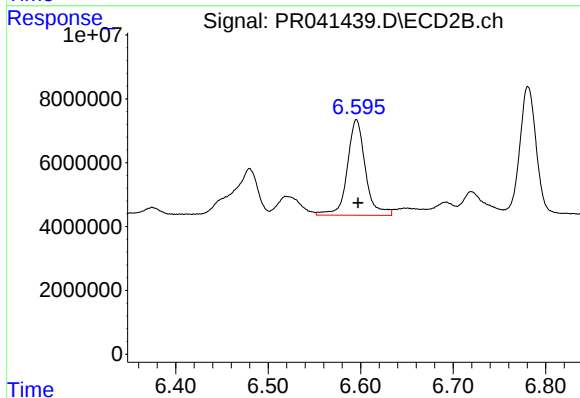
R.T.: 7.111 min
Delta R.T.: -0.005 min
Response: 50796632
Conc: 87.80 ng/ml



#31 AR-1260-1

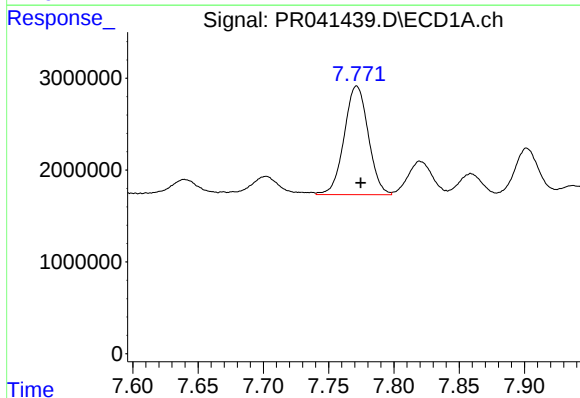
R.T.: 7.517 min
Delta R.T.: -0.002 min
Response: 11660548
Conc: 98.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS70



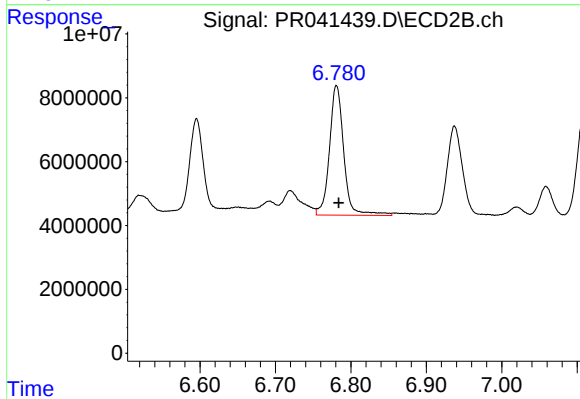
#31 AR-1260-1

R.T.: 6.596 min
Delta R.T.: -0.002 min
Response: 40776183
Conc: 104.69 ng/ml



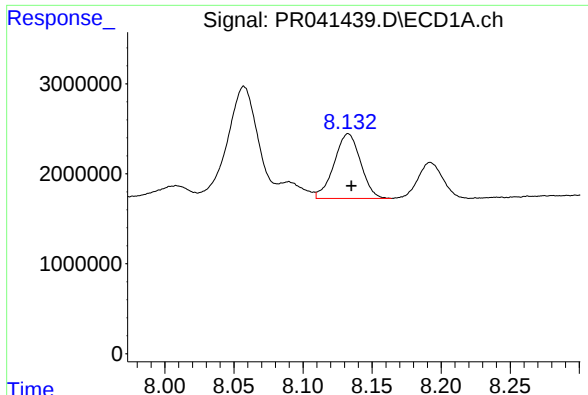
#32 AR-1260-2

R.T.: 7.771 min
Delta R.T.: -0.003 min
Response: 15182635
Conc: 102.88 ng/ml



#32 AR-1260-2

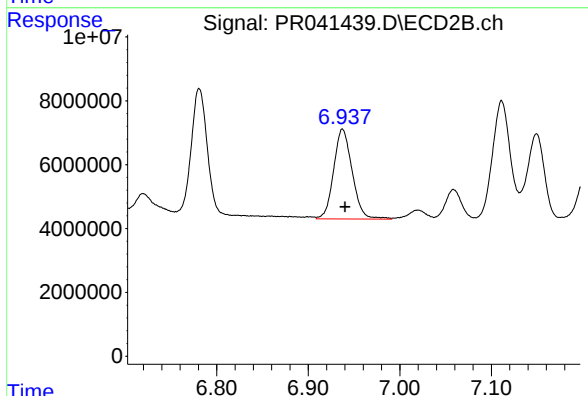
R.T.: 6.781 min
Delta R.T.: -0.003 min
Response: 53537238
Conc: 99.31 ng/ml



#33 AR-1260-3

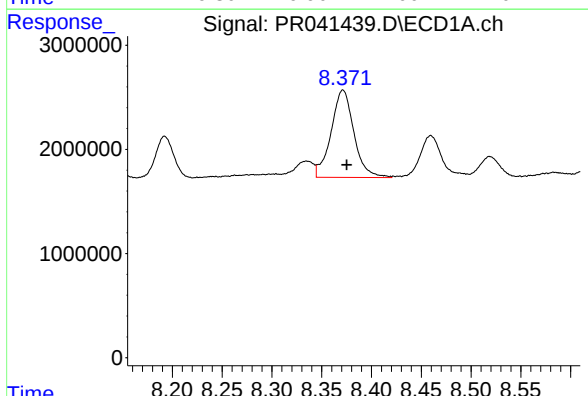
R.T.: 8.133 min
Delta R.T.: -0.002 min
Response: 9583740
Conc: 82.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS70



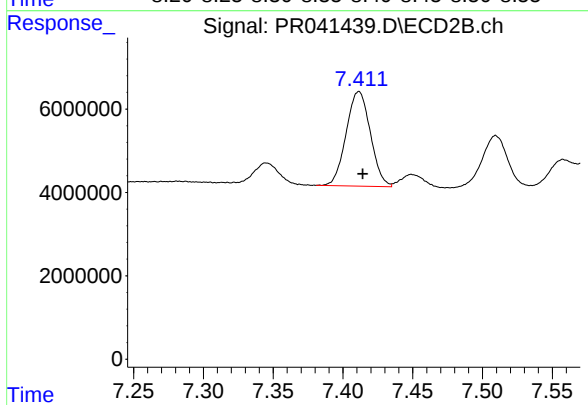
#33 AR-1260-3

R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 39595453
Conc: 84.77 ng/ml



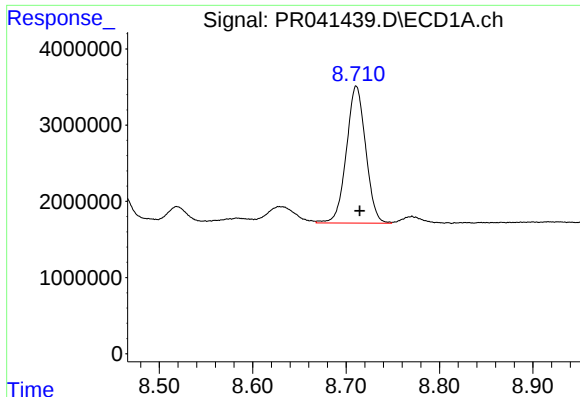
#34 AR-1260-4

R.T.: 8.371 min
Delta R.T.: -0.004 min
Response: 13388837
Conc: 93.78 ng/ml



#34 AR-1260-4

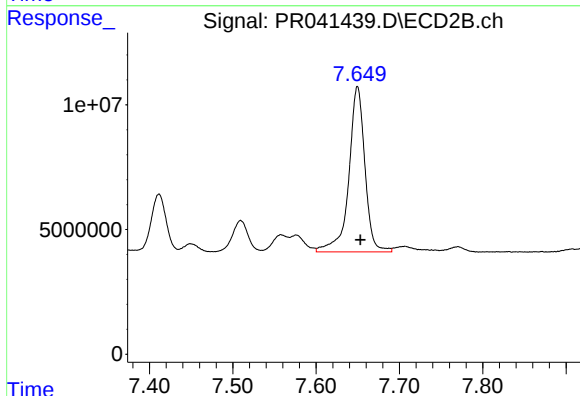
R.T.: 7.411 min
Delta R.T.: -0.003 min
Response: 27392029
Conc: 64.63 ng/ml



#35 AR-1260-5

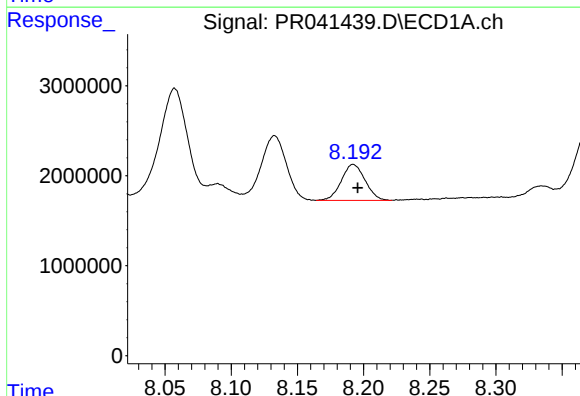
R.T.: 8.711 min
Delta R.T.: -0.004 min
Response: 25804848
Conc: 83.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS70



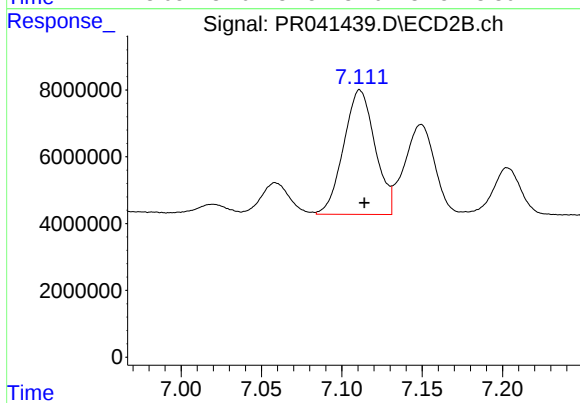
#35 AR-1260-5

R.T.: 7.650 min
Delta R.T.: -0.004 min
Response: 89219300
Conc: 73.24 ng/ml



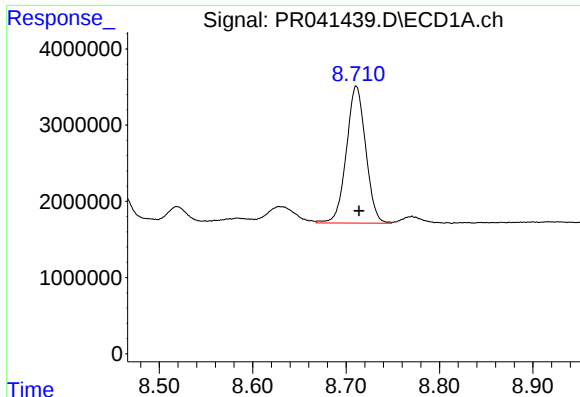
#36 AR-1262-1

R.T.: 8.192 min
Delta R.T.: -0.004 min
Response: 4990108
Conc: 64.79 ng/ml



#36 AR-1262-1

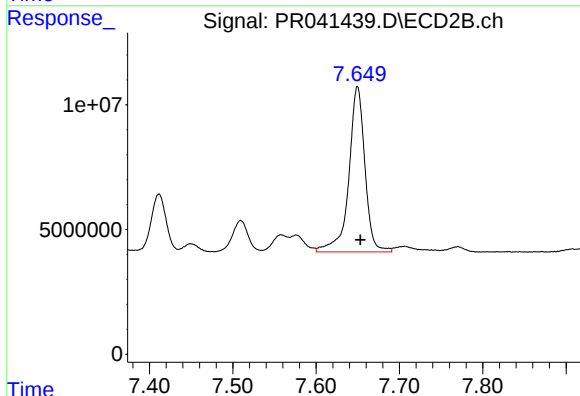
R.T.: 7.111 min
Delta R.T.: -0.003 min
Response: 50796632
Conc: 151.77 ng/ml



#37 AR-1262-2

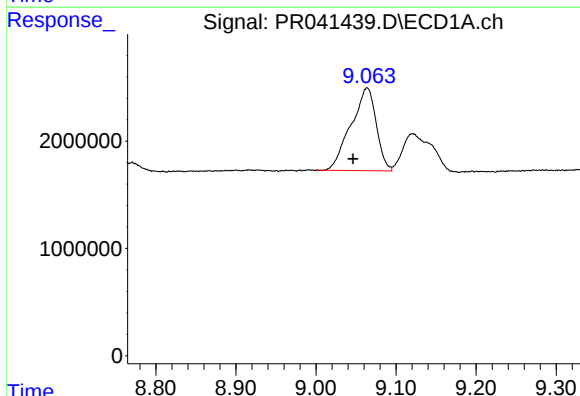
R.T.: 8.711 min
Delta R.T.: -0.003 min
Response: 25804848
Conc: 68.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS70



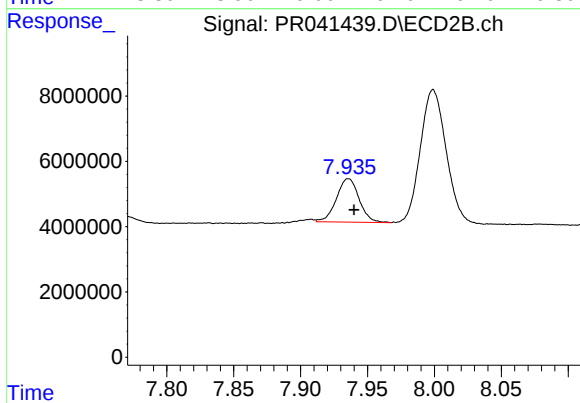
#37 AR-1262-2

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 89219300
Conc: 64.61 ng/ml



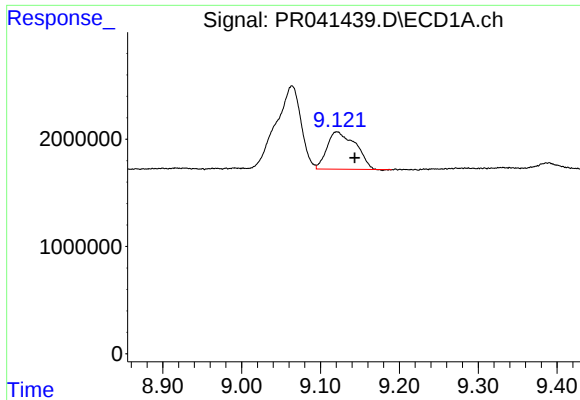
#38 AR-1262-3

R.T.: 9.064 min
Delta R.T.: 0.017 min
Response: 16933075
Conc: 64.22 ng/ml



#38 AR-1262-3

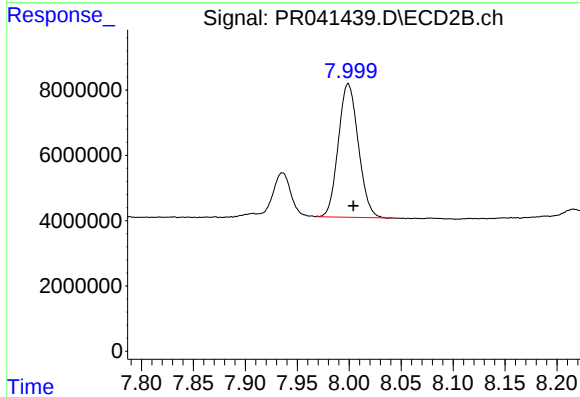
R.T.: 7.936 min
Delta R.T.: -0.004 min
Response: 15699673
Conc: 27.45 ng/ml



#39 AR-1262-4

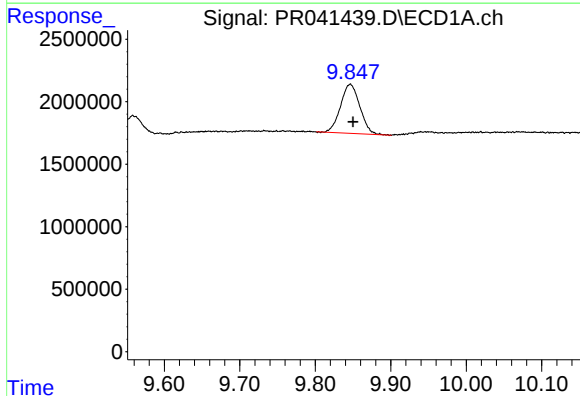
R.T.: 9.121 min
Delta R.T.: -0.023 min
Response: 8770878
Conc: 44.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS70



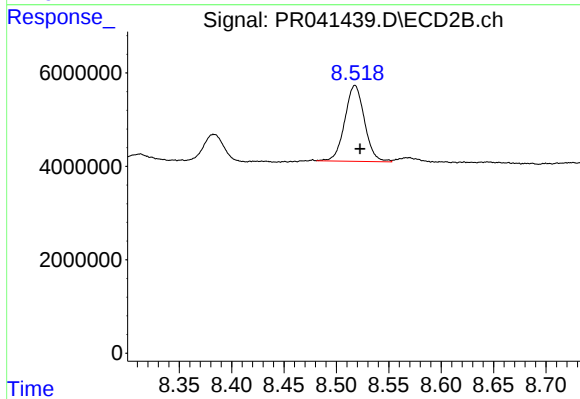
#39 AR-1262-4

R.T.: 7.999 min
Delta R.T.: -0.005 min
Response: 54858601
Conc: 54.13 ng/ml



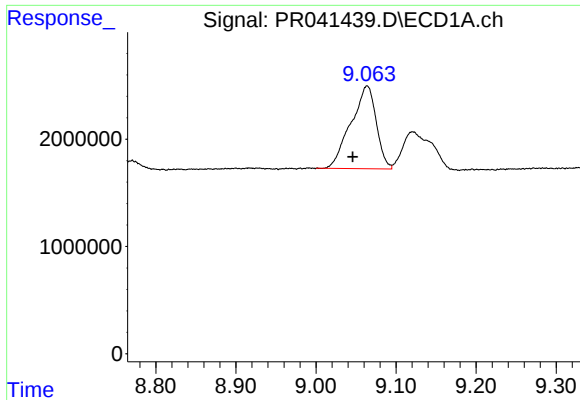
#40 AR-1262-5

R.T.: 9.847 min
Delta R.T.: -0.003 min
Response: 6989739
Conc: 44.64 ng/ml



#40 AR-1262-5

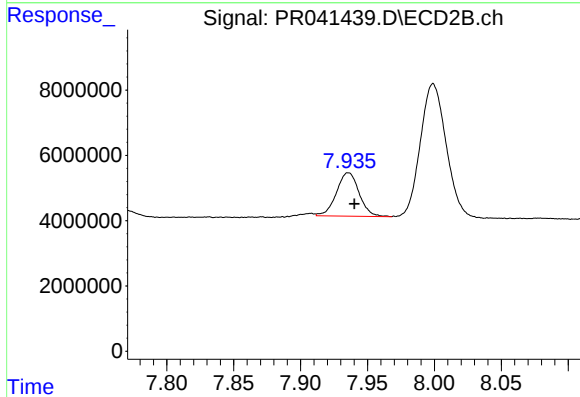
R.T.: 8.518 min
Delta R.T.: -0.005 min
Response: 21241528
Conc: 37.95 ng/ml



#41 AR-1268-1

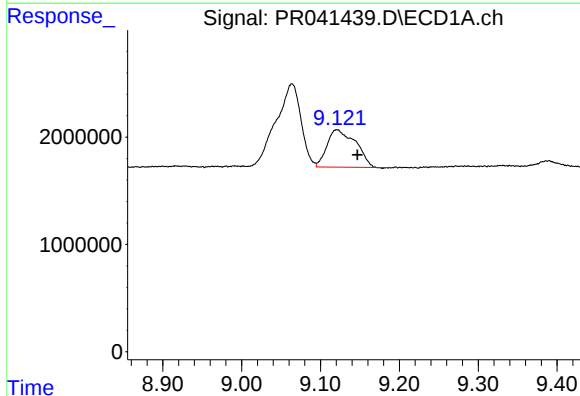
R.T.: 9.064 min
Delta R.T.: 0.018 min
Response: 16933075
Conc: 35.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS70



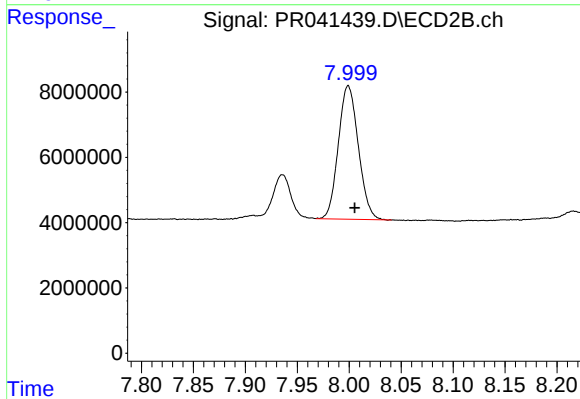
#41 AR-1268-1

R.T.: 7.936 min
Delta R.T.: -0.005 min
Response: 15699673
Conc: 9.28 ng/ml



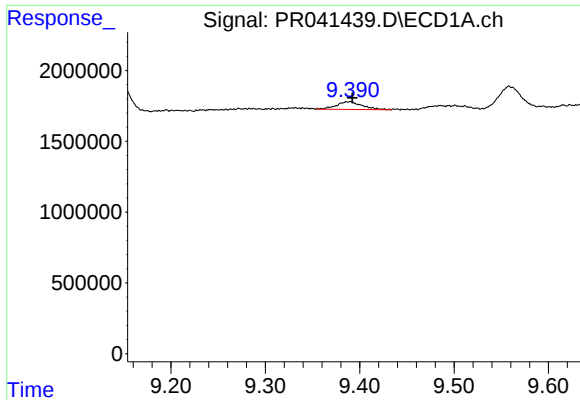
#42 AR-1268-2

R.T.: 9.121 min
Delta R.T.: -0.026 min
Response: 8770878
Conc: 19.83 ng/ml



#42 AR-1268-2

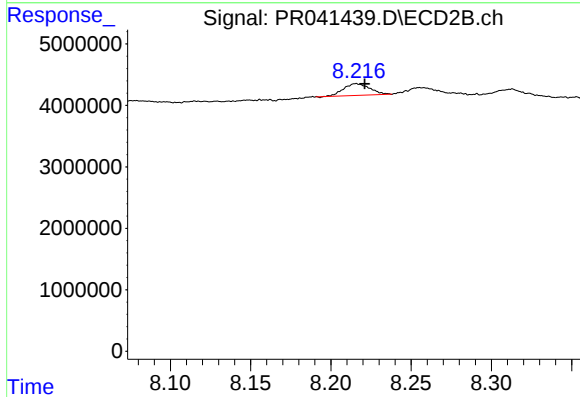
R.T.: 7.999 min
Delta R.T.: -0.006 min
Response: 54858601
Conc: 35.07 ng/ml



#43 AR-1268-3

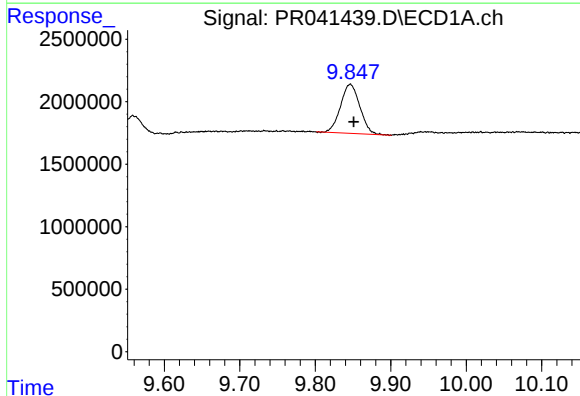
R.T.: 9.390 min
Delta R.T.: -0.002 min
Response: 1054131
Conc: 2.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS70



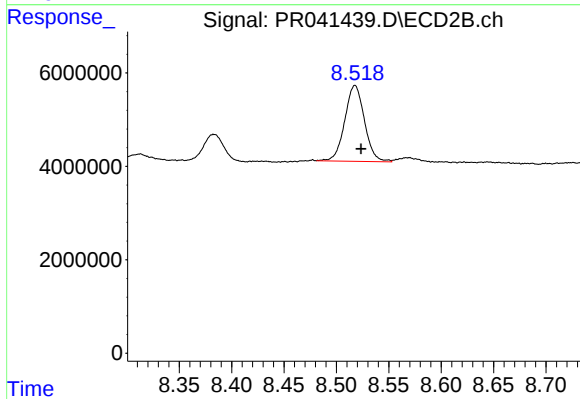
#43 AR-1268-3

R.T.: 8.216 min
Delta R.T.: -0.005 min
Response: 2150450
Conc: 1.63 ng/ml



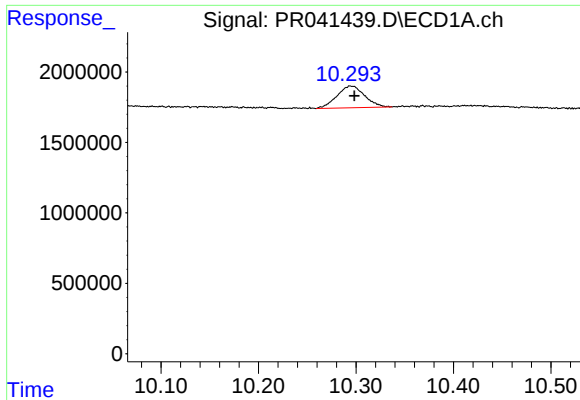
#44 AR-1268-4

R.T.: 9.847 min
Delta R.T.: -0.005 min
Response: 6989739
Conc: 39.92 ng/ml



#44 AR-1268-4

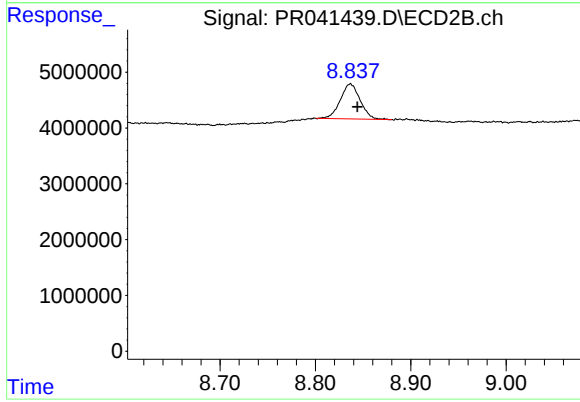
R.T.: 8.518 min
Delta R.T.: -0.006 min
Response: 21241528
Conc: 35.39 ng/ml



#45 AR-1268-5

R.T.: 10.295 min
Delta R.T.: -0.004 min
Response: 3048961
Conc: 2.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
ALCS70



#45 AR-1268-5

R.T.: 8.837 min
Delta R.T.: -0.007 min
Response: 9033692
Conc: 2.05 ng/ml