

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092619\
 Data File : PR041527.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2019 12:32
 Operator : SM\AJ
 Sample : K4988-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 ESNZ7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:34:40 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	18124983	81381939	13.654	13.454
2)	SA Decachlor...	10.662	9.124	56917988	167.4E6	17.832	15.522
Target Compounds							
3)	L1 AR-1016-1	5.914	5.103	4442626	11629507	69.474	78.924
4)	L1 AR-1016-2	5.937	5.123	6924543	15758224	76.042	76.540
5)	L1 AR-1016-3	6.001	5.302	1482095	6291586	27.008	53.166 #
6)	L1 AR-1016-4	6.099	5.341	3086642	25386768	64.353	260.601 #
7)	L1 AR-1016-5	6.393	5.558	8363355	20174758	169.053	145.118
9)	L2 AR-1221-2	0.000	4.311	0	1020661	N.D.	29.267 #
10)	L2 AR-1221-3	0.000	4.432f	0	1267570	N.D.	11.954 #
11)	L3 AR-1232-1	0.000	4.432f	0	1267570	N.D.	15.726 #
12)	L3 AR-1232-2	5.646	5.123	6065809	15758224	370.772	162.030 #
13)	L3 AR-1232-3	5.937	5.302	6924543	6291586	182.647	140.113
14)	L3 AR-1232-4	6.099	5.383	3086642	23443894	167.282	559.702 #
15)	L3 AR-1232-5	6.186	5.558	11128352	20174758	805.370	377.140 #
16)	L4 AR-1242-1	5.914	5.103	4442626	11629507	86.371	103.713
17)	L4 AR-1242-2	5.937	5.123	6924543	15758224	95.006	98.557
18)	L4 AR-1242-3	6.001	5.302	1482095	6291586	33.519	69.362 #
19)	L4 AR-1242-4	6.099	5.383	3086642	23443894	84.140	249.124 #
20)	L4 AR-1242-5	6.836	5.911	43879598	100.8E6	856.051	594.433 #
21)	L5 AR-1248-1	5.914	5.103	4442626	11629507	121.033	137.974
22)	L5 AR-1248-2	6.186	5.341	11128352	25386768	202.030	208.723
23)	L5 AR-1248-3	6.393	5.383	8363355	23443894	130.250	184.920 #
24)	L5 AR-1248-4	6.796	5.558	26209351	20174758	307.106	120.198 #
25)	L5 AR-1248-5	6.836	5.953	43879598	113.6E6	538.501	521.820
26)	L6 AR-1254-1	6.769	5.911	22217656	100.8E6	266.984	310.942
27)	L6 AR-1254-2	6.990	6.058	43221383	76116398	307.593	249.151
28)	L6 AR-1254-3	7.356	6.466	40775638	142.9E6	240.653	255.315
29)	L6 AR-1254-4	7.641	6.693	44335566	150.4E6	326.611	352.435
30)	L6 AR-1254-5	8.061	7.113	42421969	131.7E6	275.882	227.734
31)	L7 AR-1260-1	7.519	6.596	17396111	73296418	146.904	188.188 #
32)	L7 AR-1260-2	7.773	6.782	26863307	68246138	182.037	126.595 #
33)	L7 AR-1260-3	8.135	6.939	12819801	53087536	110.543	113.650
34)	L7 AR-1260-4	8.369	7.415	28005985	41343708	196.154	97.551 #
35)	L7 AR-1260-5	8.714	7.652	26314762	108.7E6	85.413	89.201
36)	L8 AR-1262-1	8.196	7.113	5171434	131.7E6	67.144	393.626 #
37)	L8 AR-1262-2	8.714	7.652	26314762	108.7E6	69.407	78.682
38)	L8 AR-1262-3	9.068	7.939	19357787	27088882	73.418	47.363 #
39)	L8 AR-1262-4	9.123	8.002	8373112	65307604	42.403	64.445 #
40)	L8 AR-1262-5	9.852	8.521	9167541	29735363	58.551	53.119
41)	L9 AR-1268-1	9.068	7.939	19357787	27088882	40.254	16.007 #
42)	L9 AR-1268-2	9.123	8.002	8373112	65307604	18.931	41.746 #

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 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	9.399	8.222	3121319	2968510	8.447	2.244 #
44) L9	AR-1268-4	9.852	8.521	9167541	29735363	52.363	49.546
45) L9	AR-1268-5	10.299	8.839	4539818	4070303	3.210	0.923 #

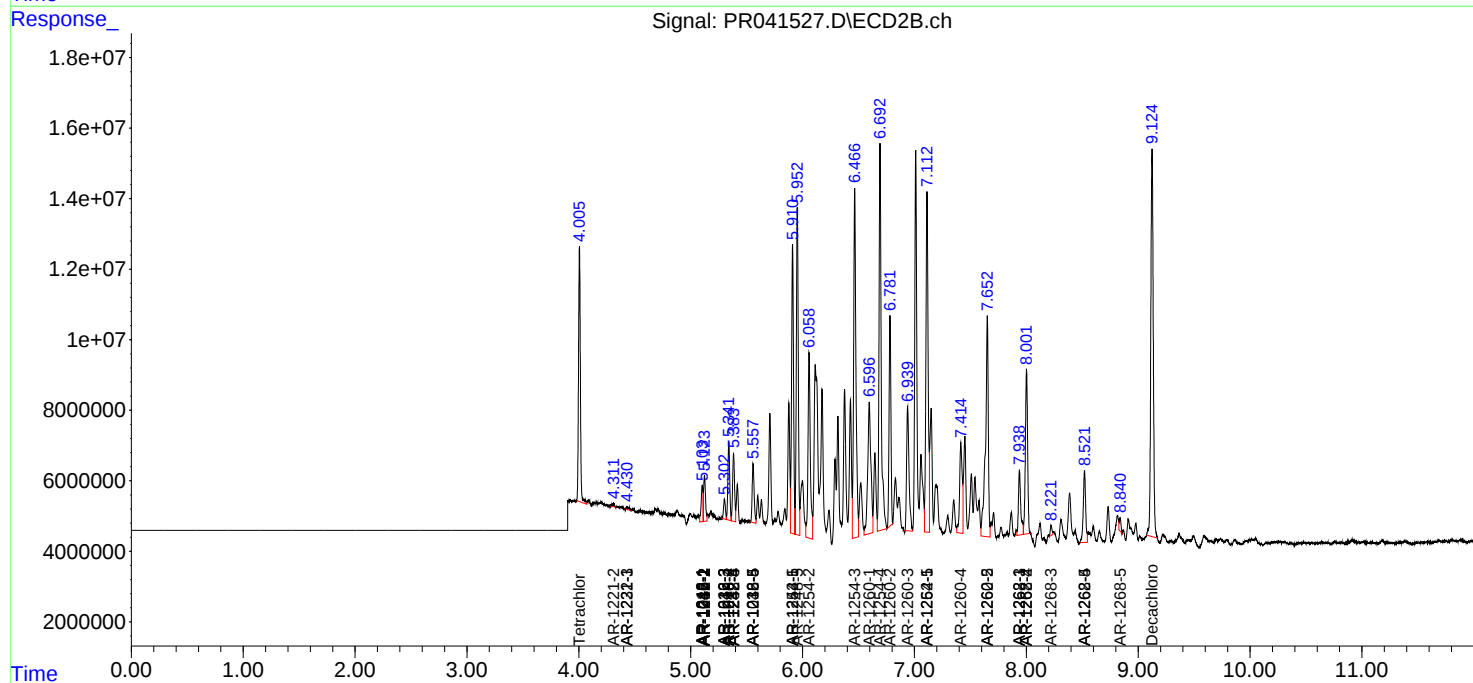
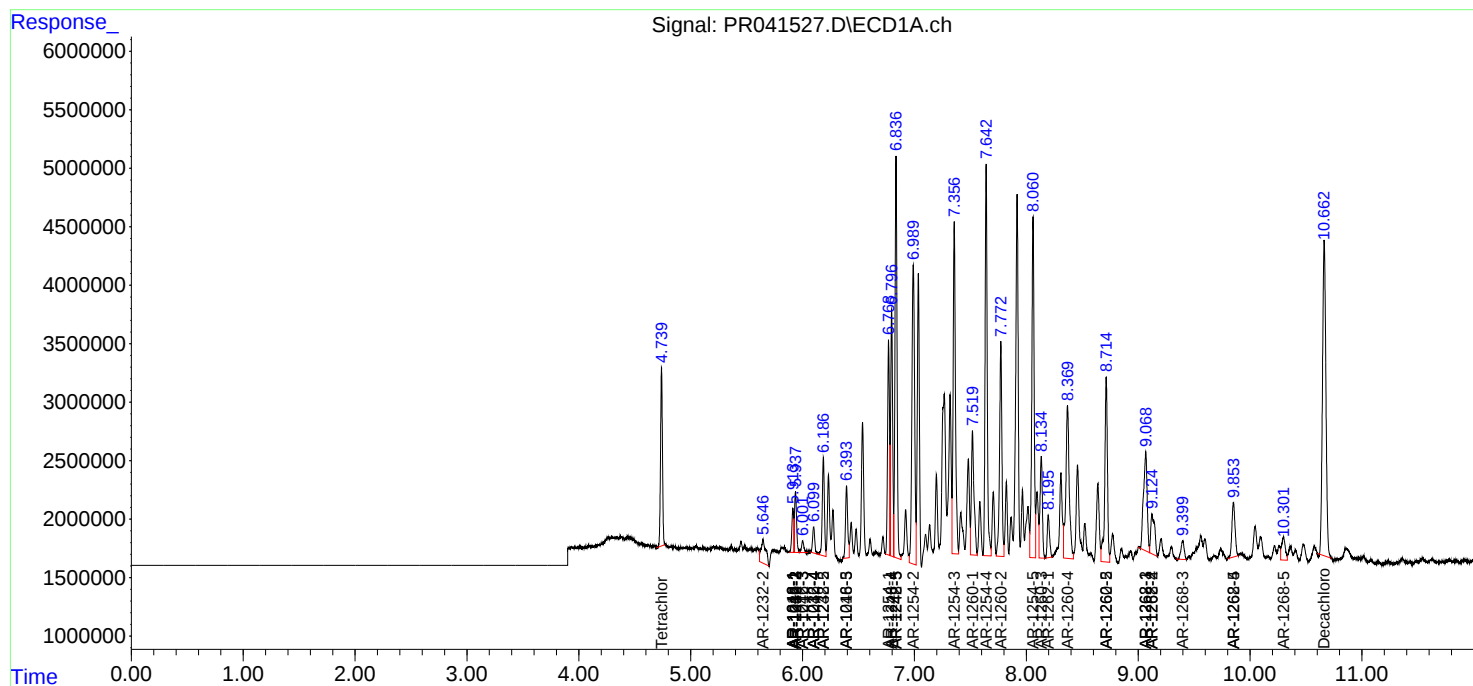
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

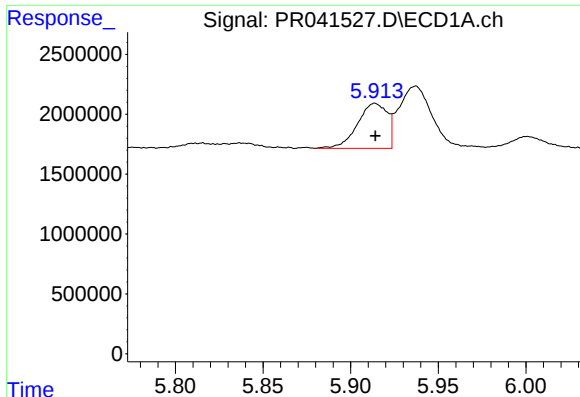
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092619\
Data File : PR041527.D
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

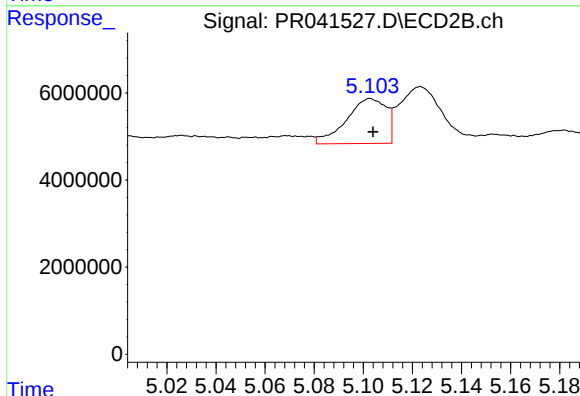




#3 AR-1016-1

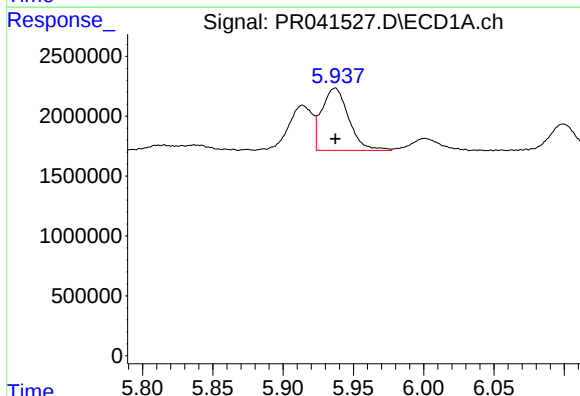
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 4442626
Conc: 69.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



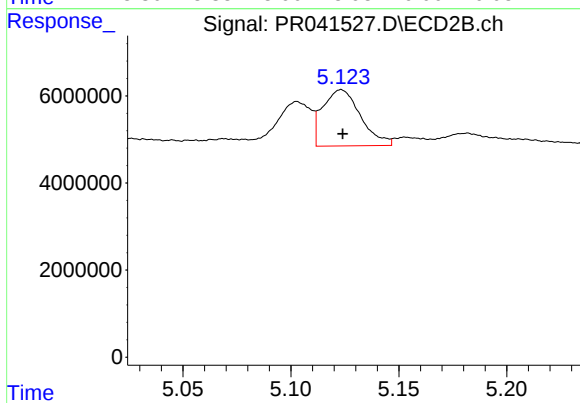
#3 AR-1016-1

R.T.: 5.103 min
Delta R.T.: -0.001 min
Response: 11629507
Conc: 78.92 ng/ml



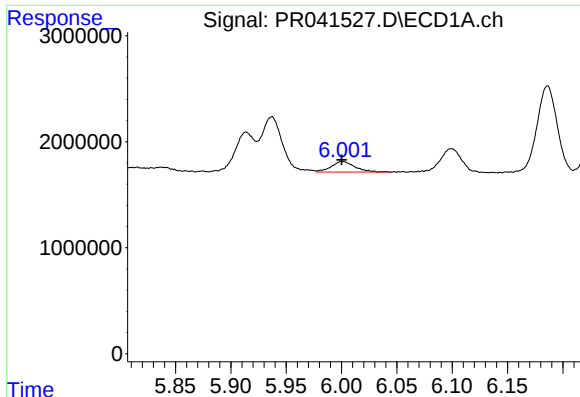
#4 AR-1016-2

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 6924543
Conc: 76.04 ng/ml



#4 AR-1016-2

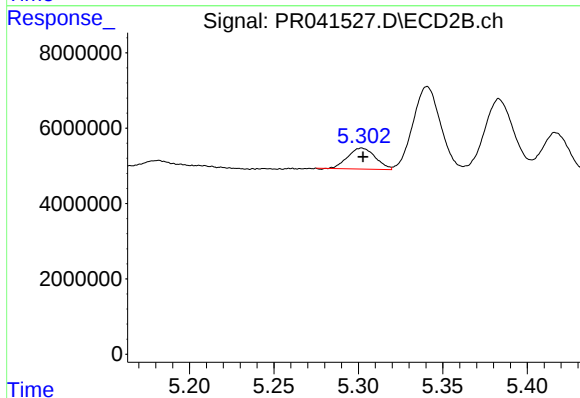
R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 15758224
Conc: 76.54 ng/ml



#5 AR-1016-3

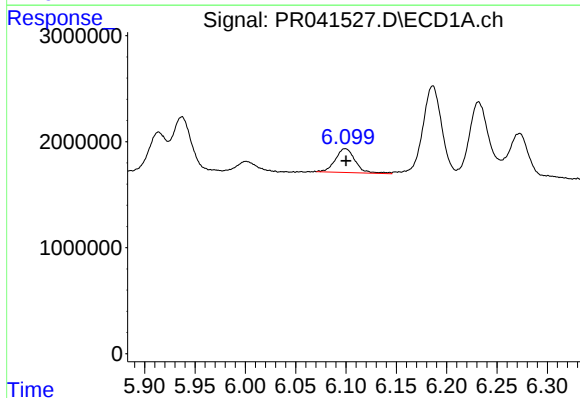
R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 1482095
Conc: 27.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



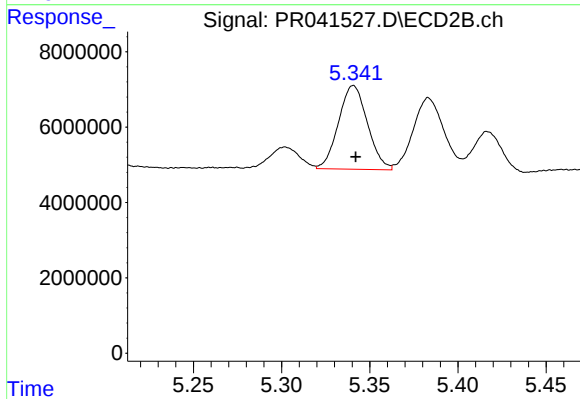
#5 AR-1016-3

R.T.: 5.302 min
Delta R.T.: 0.000 min
Response: 6291586
Conc: 53.17 ng/ml



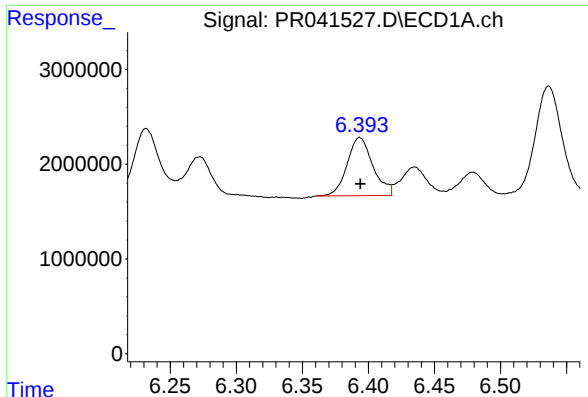
#6 AR-1016-4

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 3086642
Conc: 64.35 ng/ml



#6 AR-1016-4

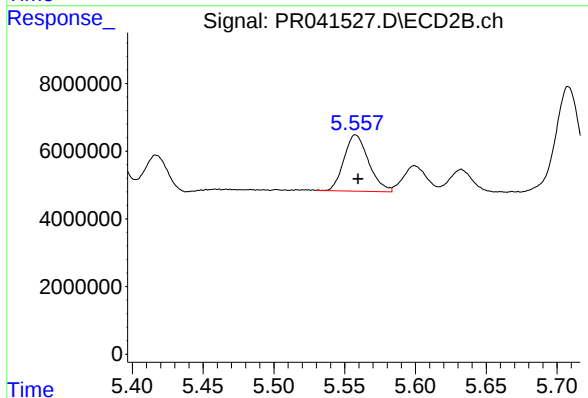
R.T.: 5.341 min
Delta R.T.: -0.001 min
Response: 25386768
Conc: 260.60 ng/ml



#7 AR-1016-5

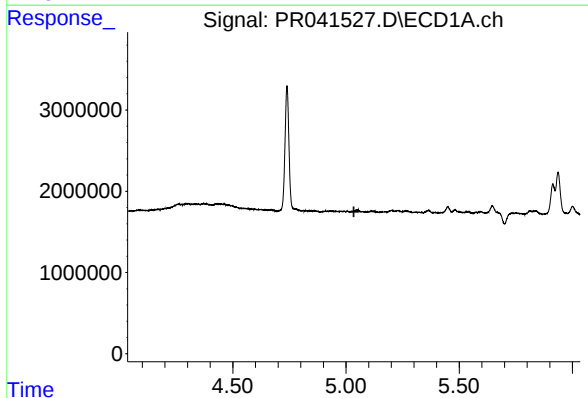
R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 8363355
Conc: 169.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



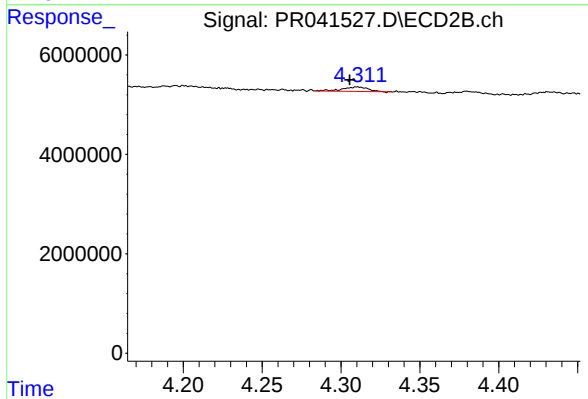
#7 AR-1016-5

R.T.: 5.558 min
Delta R.T.: -0.002 min
Response: 20174758
Conc: 145.12 ng/ml



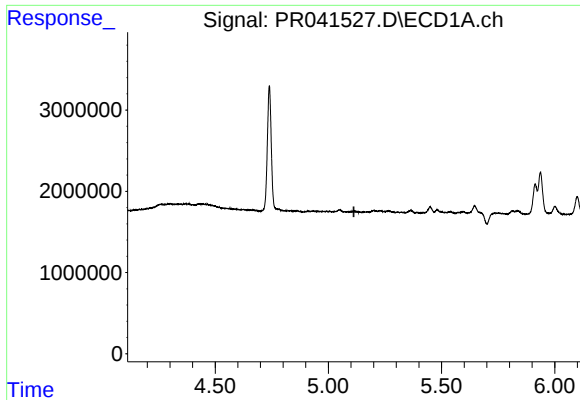
#9 AR-1221-2

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



#9 AR-1221-2

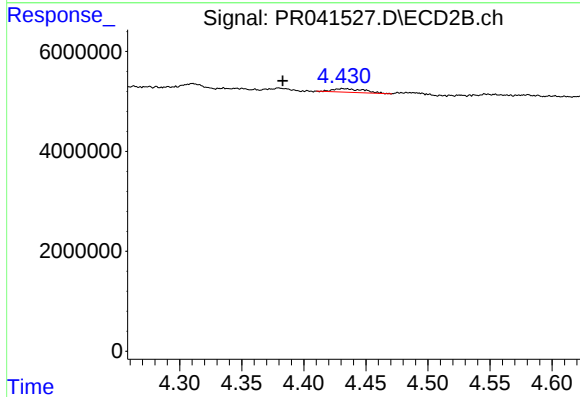
R.T.: 4.311 min
Delta R.T.: 0.005 min
Response: 1020661
Conc: 29.27 ng/ml



#10 AR-1221-3

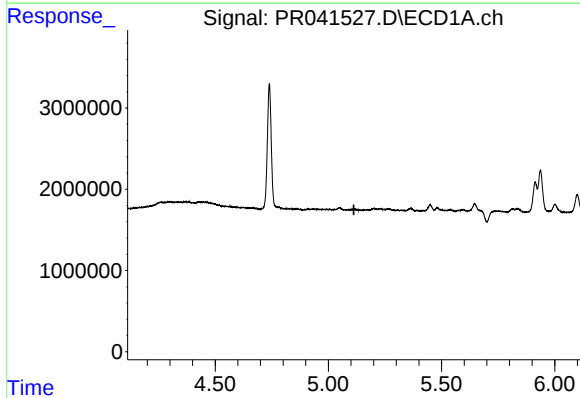
R.T.: 0.000 min
Exp R.T. : 5.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ7



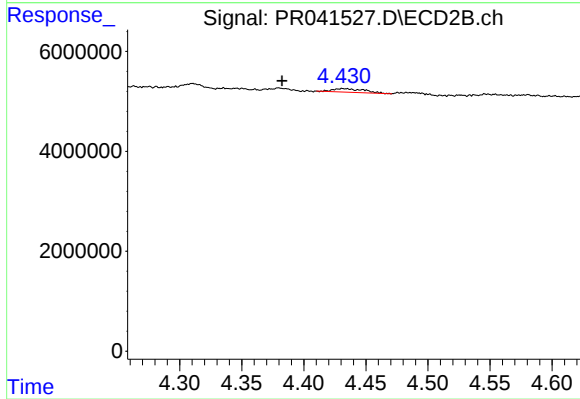
#10 AR-1221-3

R.T.: 4.432 min
Delta R.T.: 0.048 min
Response: 1267570
Conc: 11.95 ng/ml



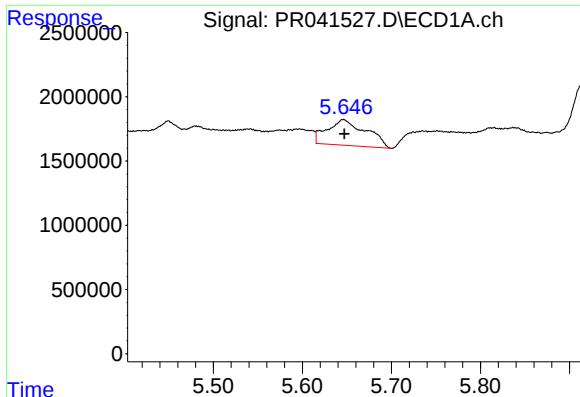
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.113 min
Response: 0
Conc: N.D.



#11 AR-1232-1

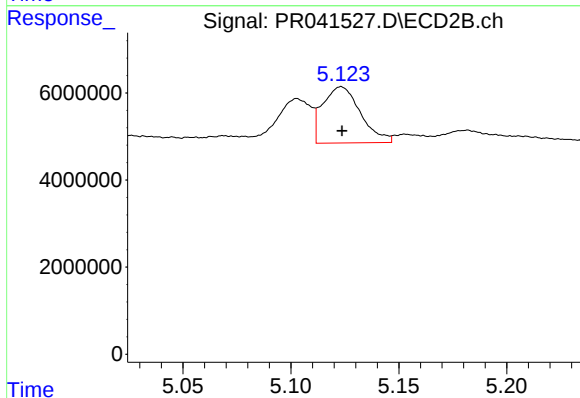
R.T.: 4.432 min
Delta R.T.: 0.049 min
Response: 1267570
Conc: 15.73 ng/ml



#12 AR-1232-2

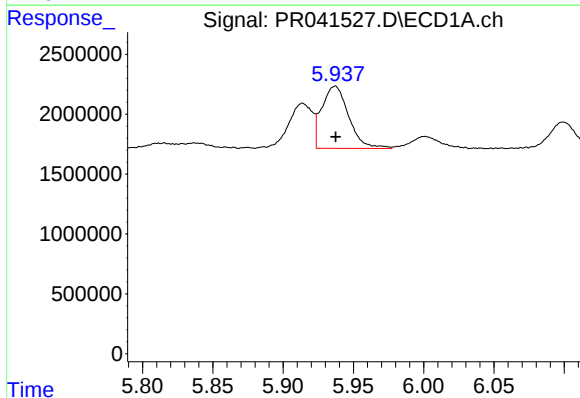
R.T.: 5.646 min
Delta R.T.: -0.001 min
Response: 6065809
Conc: 370.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



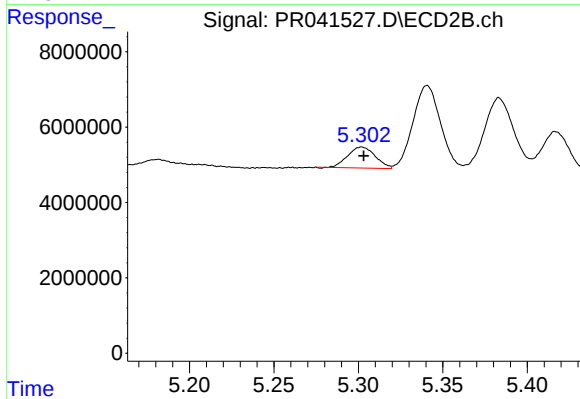
#12 AR-1232-2

R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 15758224
Conc: 162.03 ng/ml



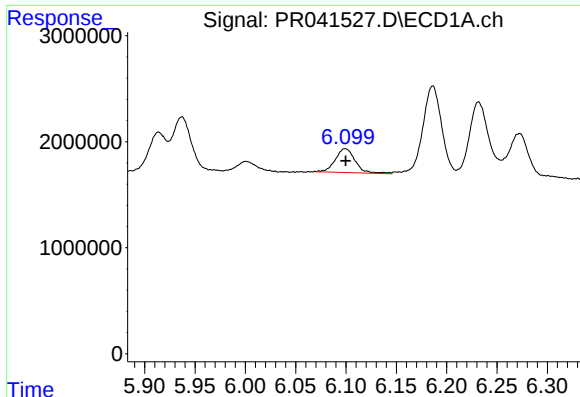
#13 AR-1232-3

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 6924543
Conc: 182.65 ng/ml



#13 AR-1232-3

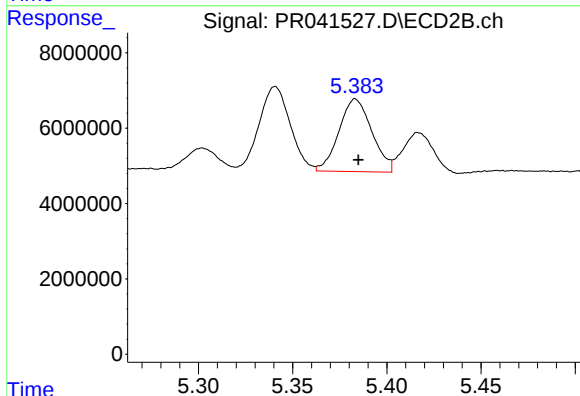
R.T.: 5.302 min
Delta R.T.: -0.001 min
Response: 6291586
Conc: 140.11 ng/ml



#14 AR-1232-4

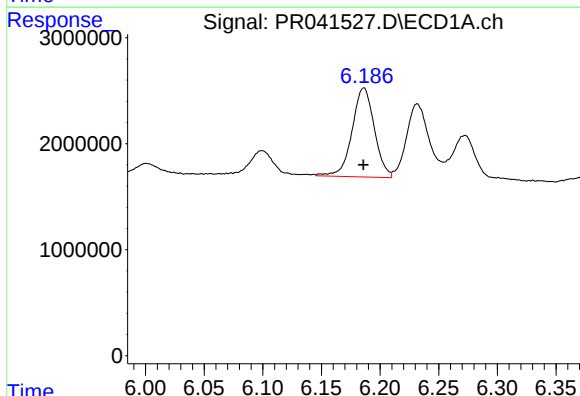
R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 3086642
Conc: 167.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



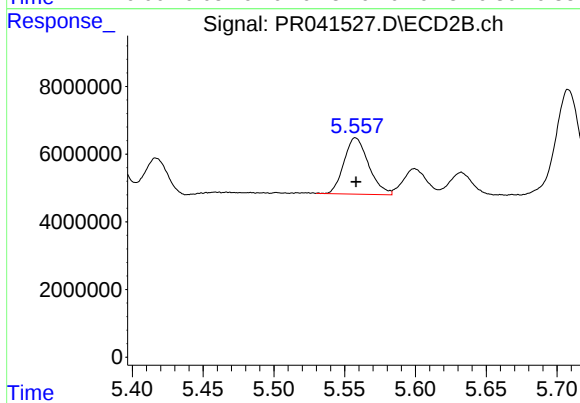
#14 AR-1232-4

R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 23443894
Conc: 559.70 ng/ml



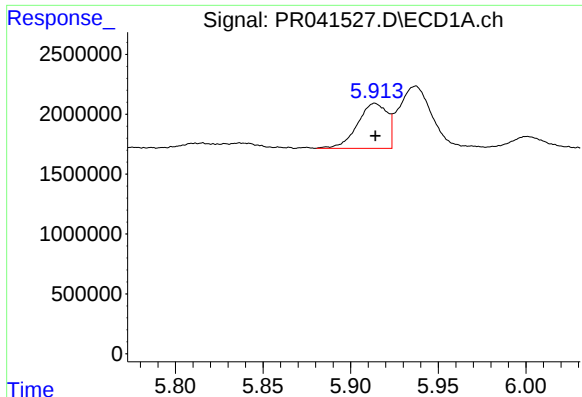
#15 AR-1232-5

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 11128352
Conc: 805.37 ng/ml



#15 AR-1232-5

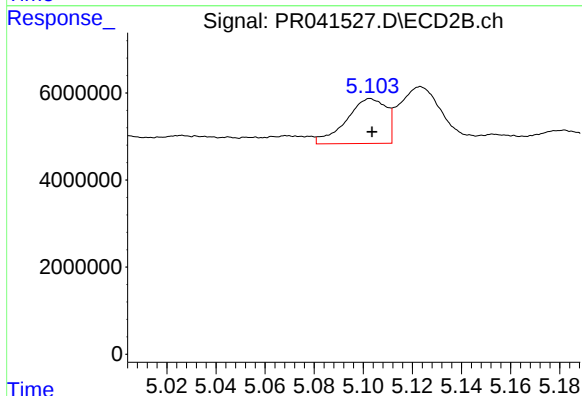
R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 20174758
Conc: 377.14 ng/ml



#16 AR-1242-1

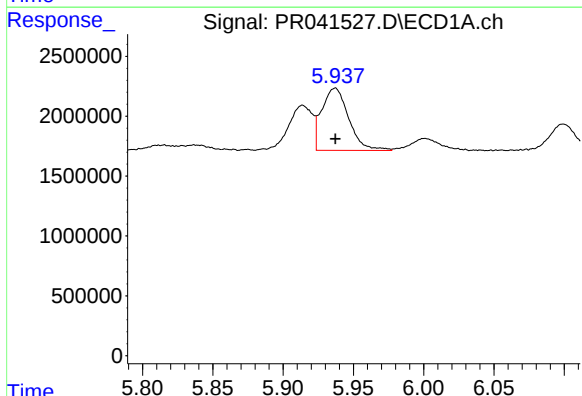
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 4442626
Conc: 86.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



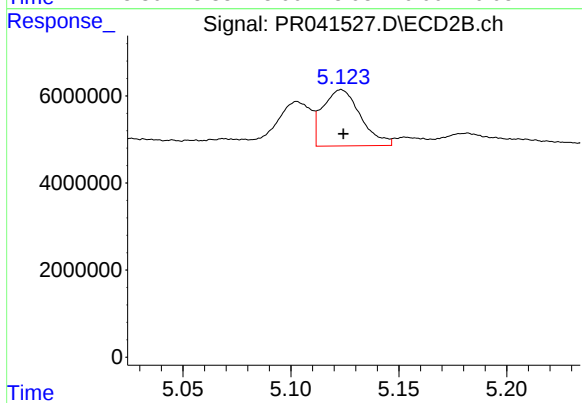
#16 AR-1242-1

R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 11629507
Conc: 103.71 ng/ml



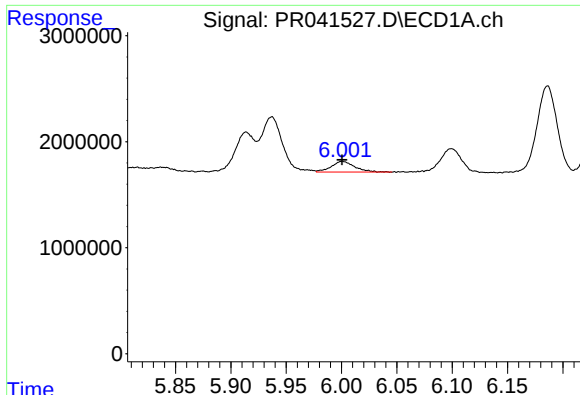
#17 AR-1242-2

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 6924543
Conc: 95.01 ng/ml



#17 AR-1242-2

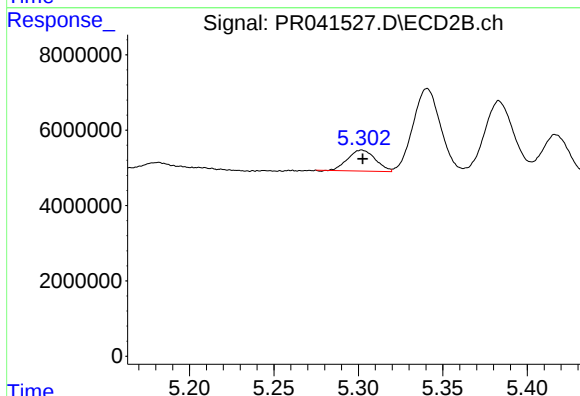
R.T.: 5.123 min
Delta R.T.: -0.001 min
Response: 15758224
Conc: 98.56 ng/ml



#18 AR-1242-3

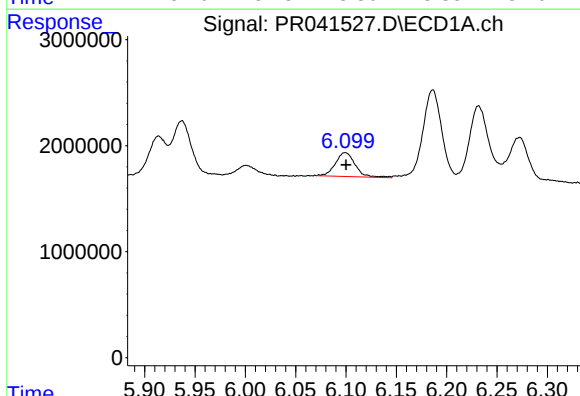
R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 1482095
Conc: 33.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



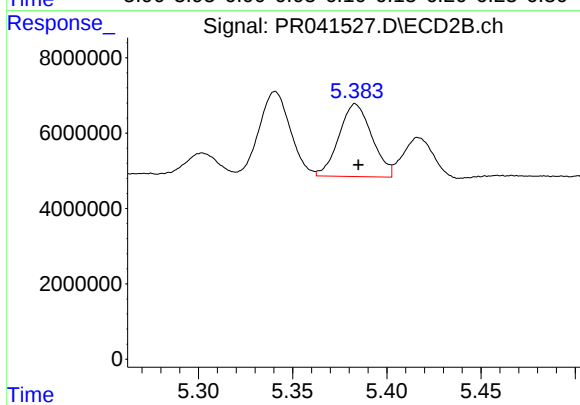
#18 AR-1242-3

R.T.: 5.302 min
Delta R.T.: 0.000 min
Response: 6291586
Conc: 69.36 ng/ml



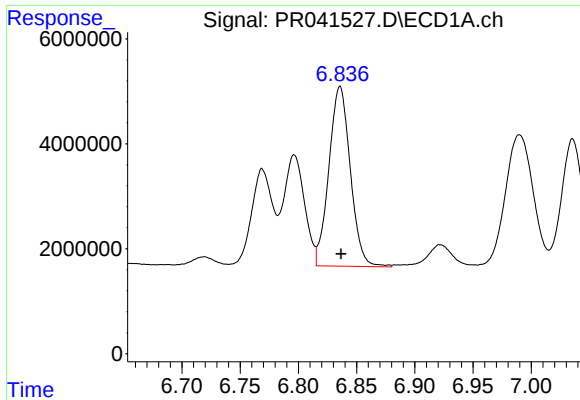
#19 AR-1242-4

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 3086642
Conc: 84.14 ng/ml



#19 AR-1242-4

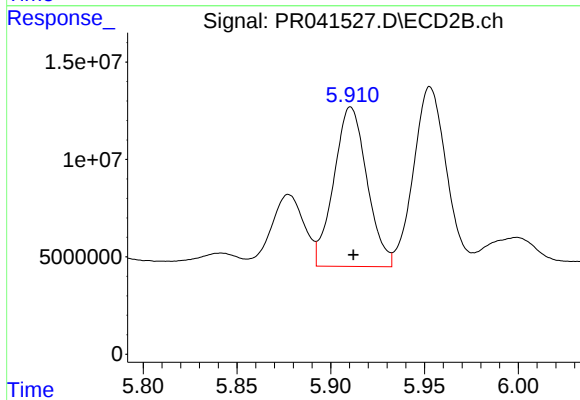
R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 23443894
Conc: 249.12 ng/ml



#20 AR-1242-5

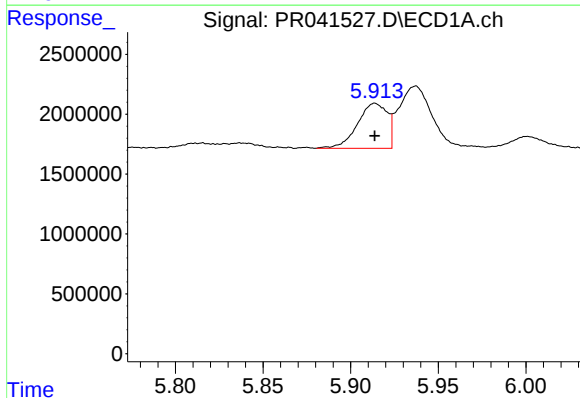
R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 43879598
Conc: 856.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



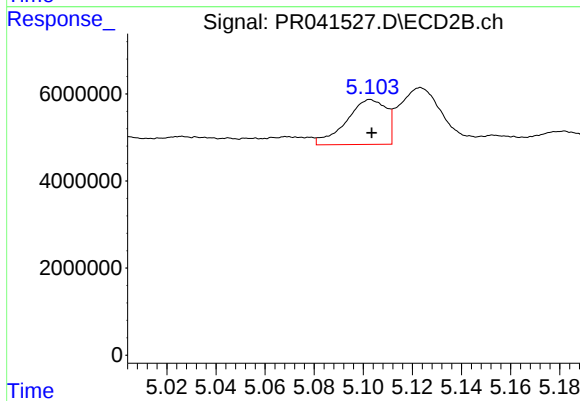
#20 AR-1242-5

R.T.: 5.911 min
Delta R.T.: -0.001 min
Response: 100838415
Conc: 594.43 ng/ml



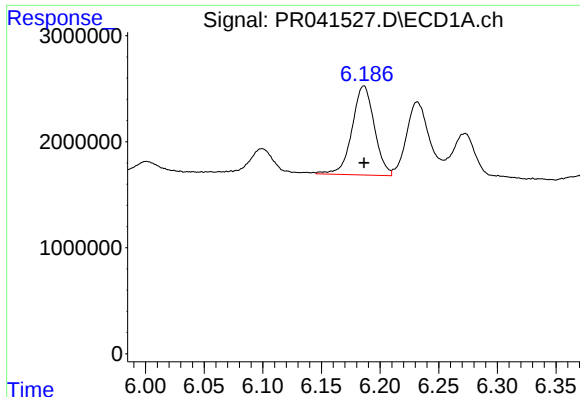
#21 AR-1248-1

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 4442626
Conc: 121.03 ng/ml



#21 AR-1248-1

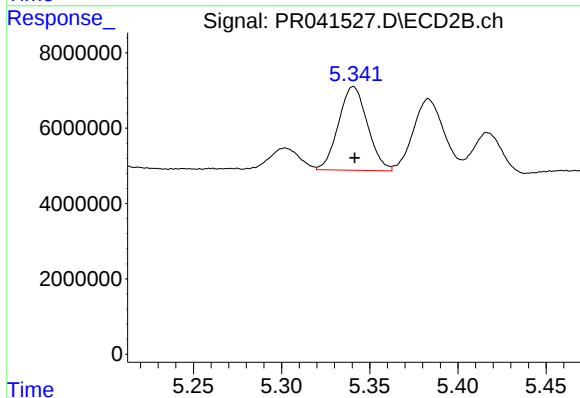
R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 11629507
Conc: 137.97 ng/ml



#22 AR-1248-2

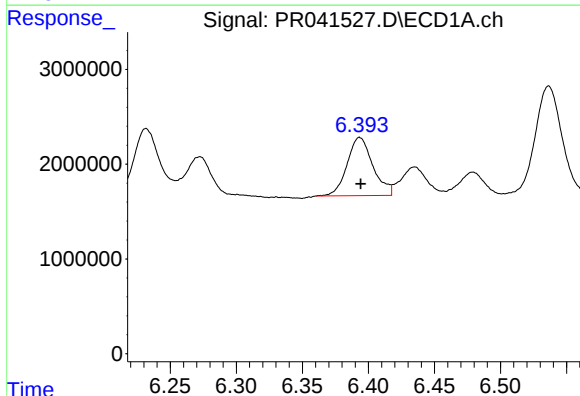
R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 11128352
Conc: 202.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



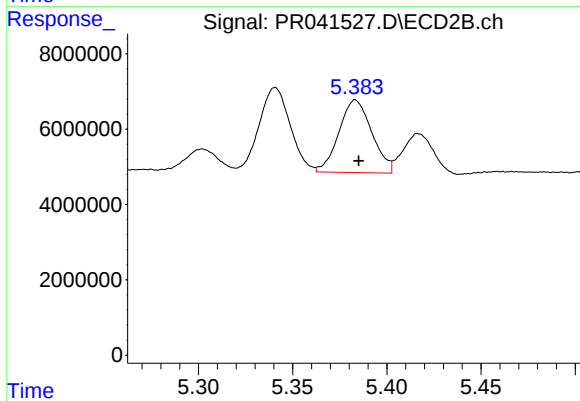
#22 AR-1248-2

R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 25386768
Conc: 208.72 ng/ml



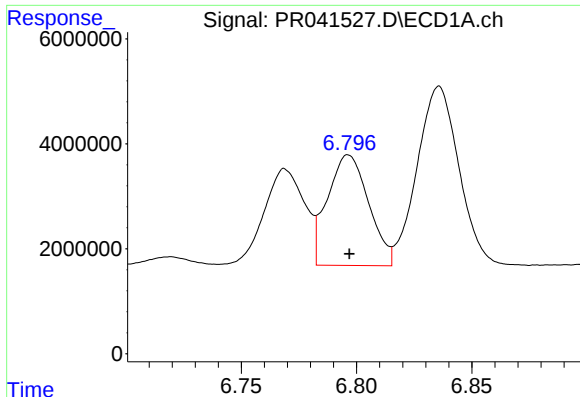
#23 AR-1248-3

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 8363355
Conc: 130.25 ng/ml



#23 AR-1248-3

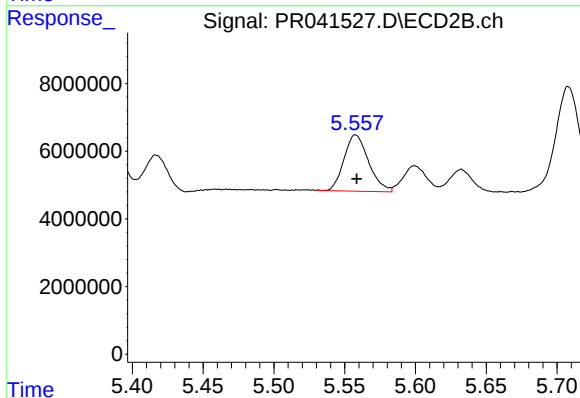
R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 23443894
Conc: 184.92 ng/ml



#24 AR-1248-4

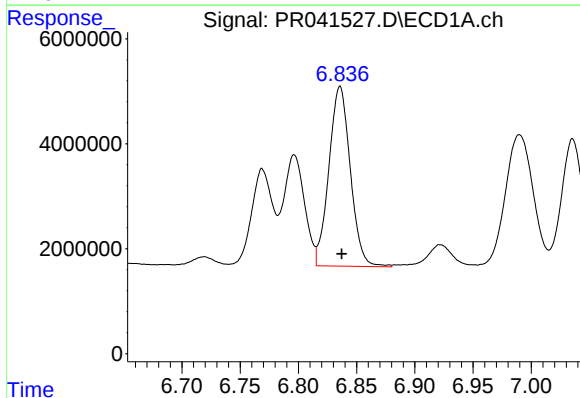
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 26209351
Conc: 307.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



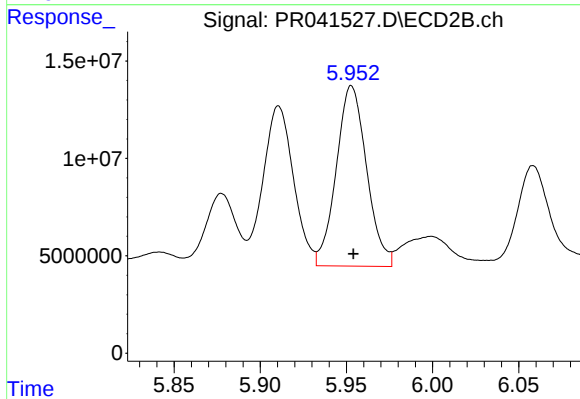
#24 AR-1248-4

R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 20174758
Conc: 120.20 ng/ml



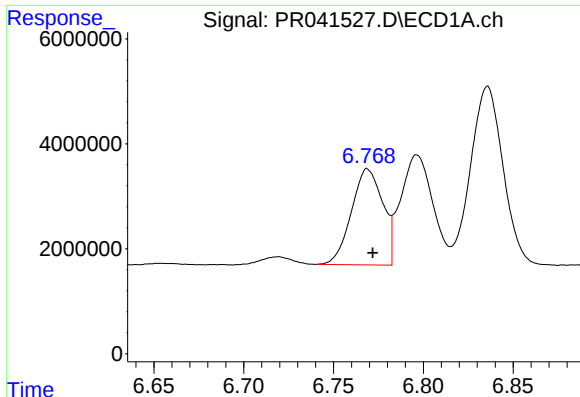
#25 AR-1248-5

R.T.: 6.836 min
Delta R.T.: -0.001 min
Response: 43879598
Conc: 538.50 ng/ml



#25 AR-1248-5

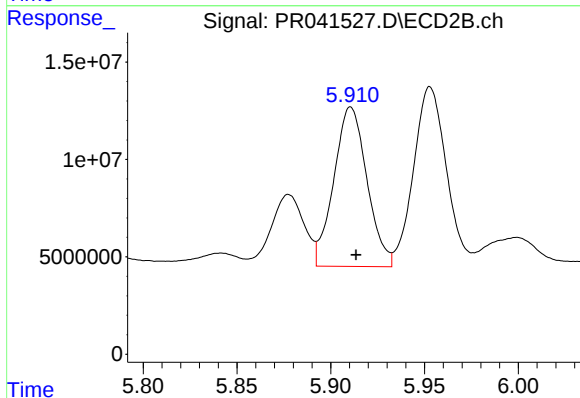
R.T.: 5.953 min
Delta R.T.: -0.001 min
Response: 113616801
Conc: 521.82 ng/ml



#26 AR-1254-1

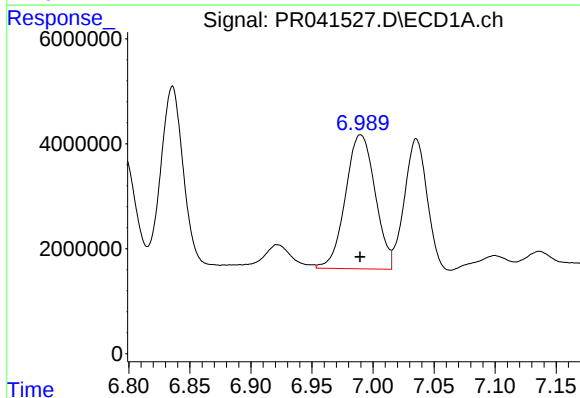
R.T.: 6.769 min
Delta R.T.: -0.003 min
Response: 22217656
Conc: 266.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



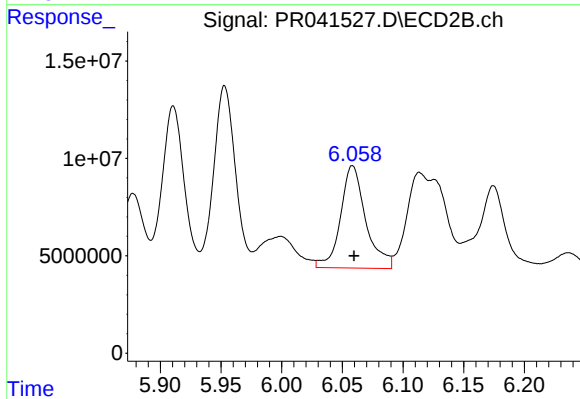
#26 AR-1254-1

R.T.: 5.911 min
Delta R.T.: -0.003 min
Response: 100838415
Conc: 310.94 ng/ml



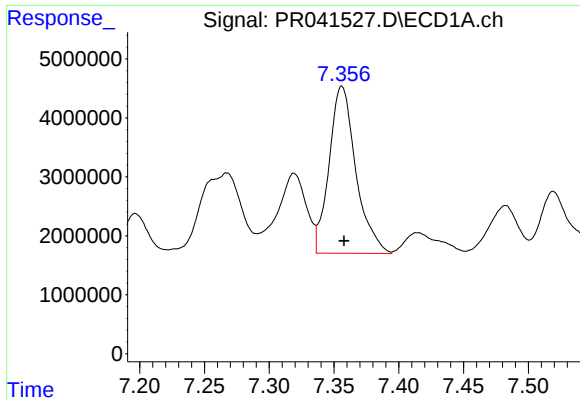
#27 AR-1254-2

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 43221383
Conc: 307.59 ng/ml



#27 AR-1254-2

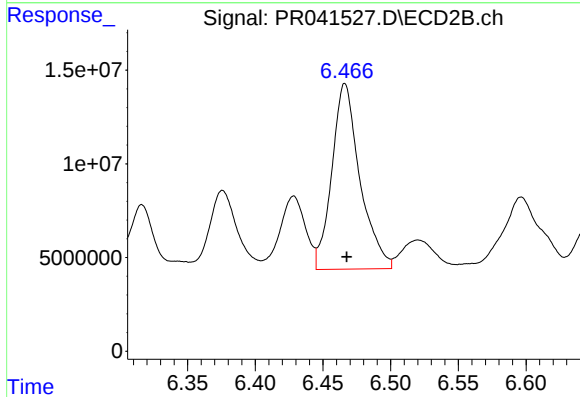
R.T.: 6.058 min
Delta R.T.: -0.001 min
Response: 76116398
Conc: 249.15 ng/ml



#28 AR-1254-3

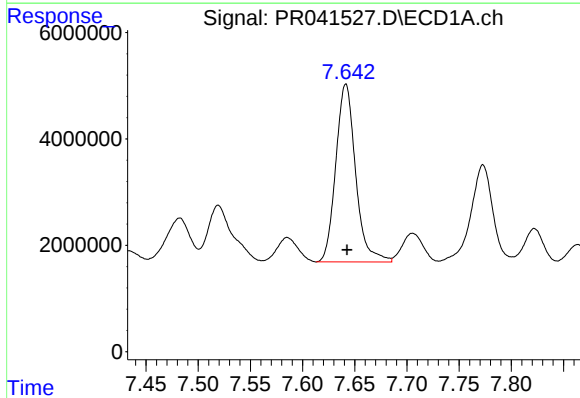
R.T.: 7.356 min
Delta R.T.: -0.002 min
Response: 40775638
Conc: 240.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



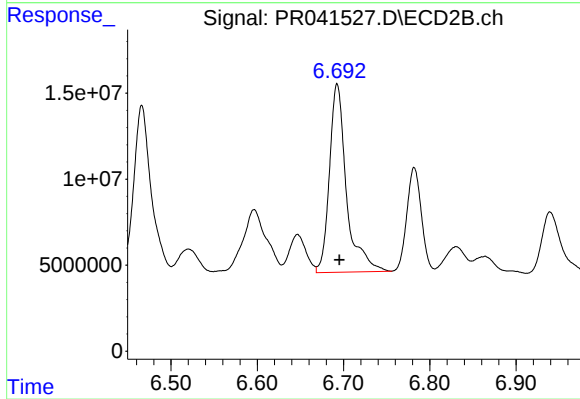
#28 AR-1254-3

R.T.: 6.466 min
Delta R.T.: -0.001 min
Response: 142864306
Conc: 255.31 ng/ml



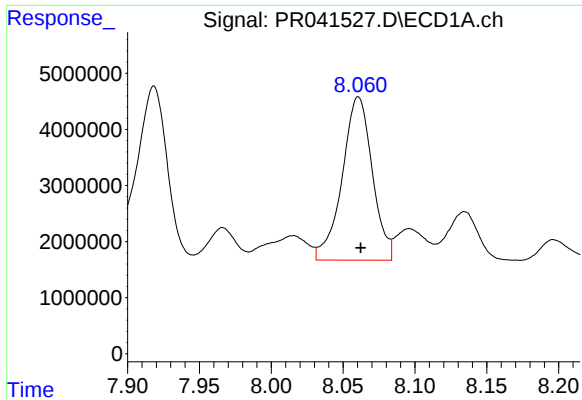
#29 AR-1254-4

R.T.: 7.641 min
Delta R.T.: -0.001 min
Response: 44335566
Conc: 326.61 ng/ml



#29 AR-1254-4

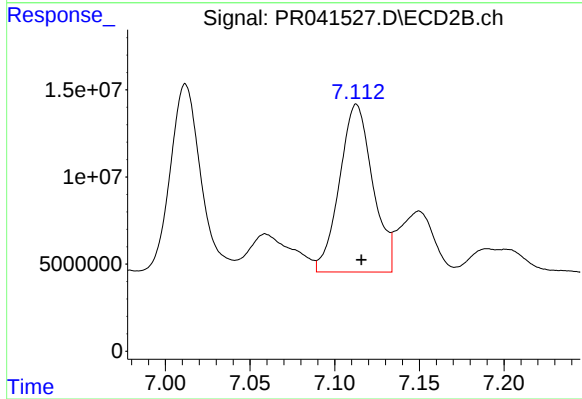
R.T.: 6.693 min
Delta R.T.: -0.003 min
Response: 150403971
Conc: 352.44 ng/ml



#30 AR-1254-5

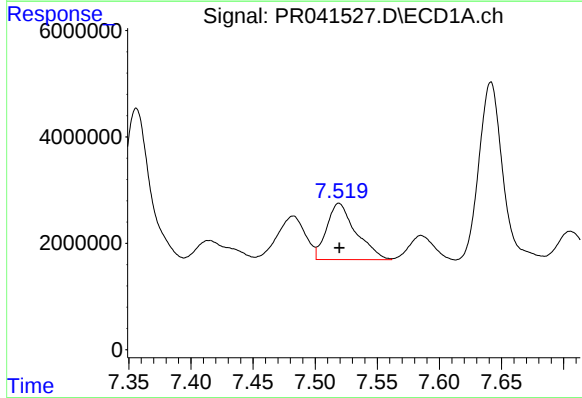
R.T.: 8.061 min
Delta R.T.: -0.002 min
Response: 42421969
Conc: 275.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



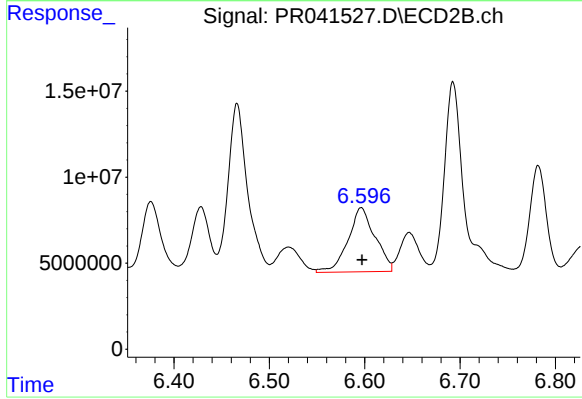
#30 AR-1254-5

R.T.: 7.113 min
Delta R.T.: -0.003 min
Response: 131748581
Conc: 227.73 ng/ml



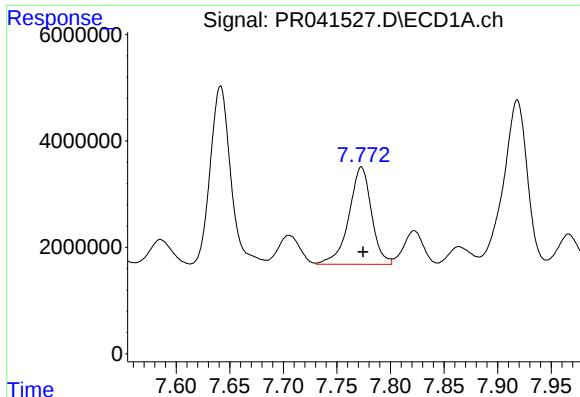
#31 AR-1260-1

R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 17396111
Conc: 146.90 ng/ml



#31 AR-1260-1

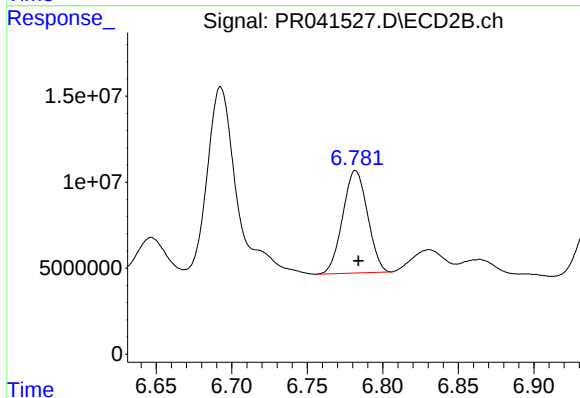
R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 73296418
Conc: 188.19 ng/ml



#32 AR-1260-2

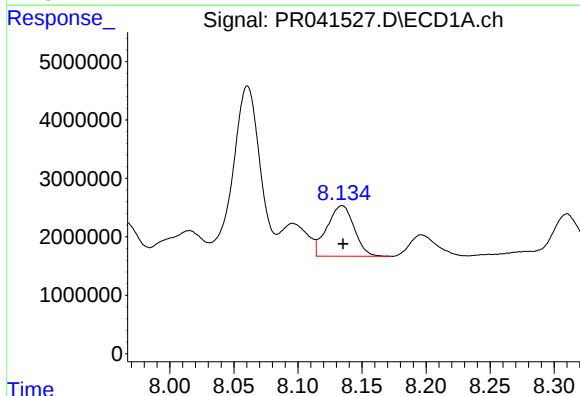
R.T.: 7.773 min
Delta R.T.: -0.002 min
Response: 26863307
Conc: 182.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



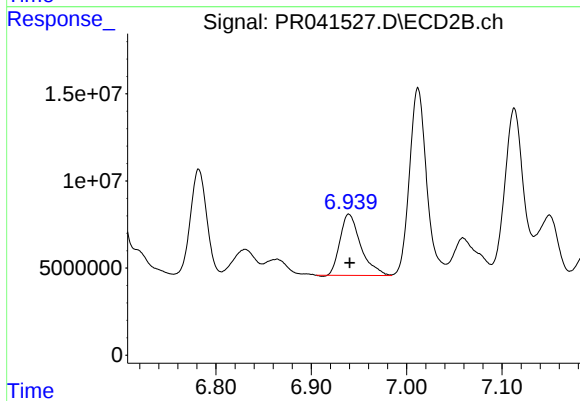
#32 AR-1260-2

R.T.: 6.782 min
Delta R.T.: -0.002 min
Response: 68246138
Conc: 126.60 ng/ml



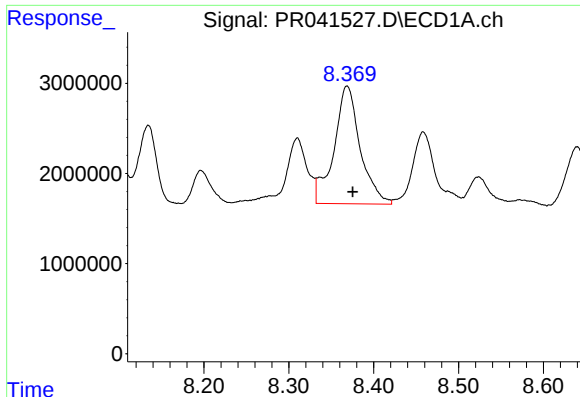
#33 AR-1260-3

R.T.: 8.135 min
Delta R.T.: 0.000 min
Response: 12819801
Conc: 110.54 ng/ml



#33 AR-1260-3

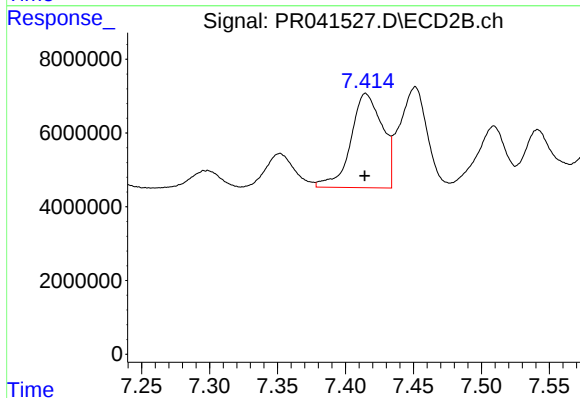
R.T.: 6.939 min
Delta R.T.: -0.001 min
Response: 53087536
Conc: 113.65 ng/ml



#34 AR-1260-4

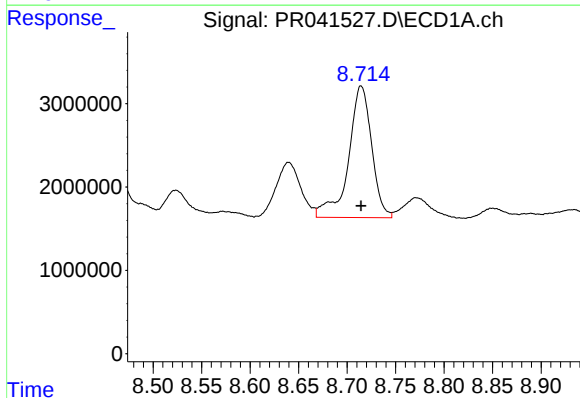
R.T.: 8.369 min
Delta R.T.: -0.007 min
Response: 28005985
Conc: 196.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



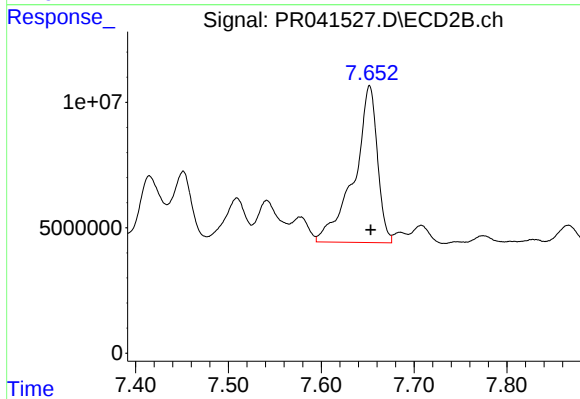
#34 AR-1260-4

R.T.: 7.415 min
Delta R.T.: 0.000 min
Response: 41343708
Conc: 97.55 ng/ml



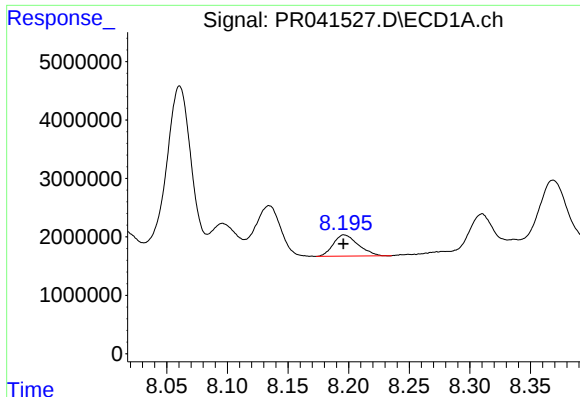
#35 AR-1260-5

R.T.: 8.714 min
Delta R.T.: 0.000 min
Response: 26314762
Conc: 85.41 ng/ml



#35 AR-1260-5

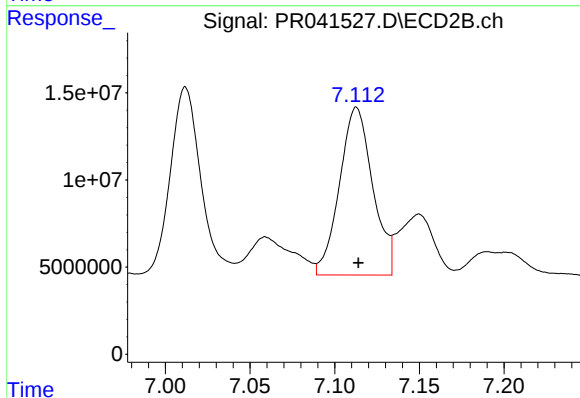
R.T.: 7.652 min
Delta R.T.: -0.001 min
Response: 108656046
Conc: 89.20 ng/ml



#36 AR-1262-1

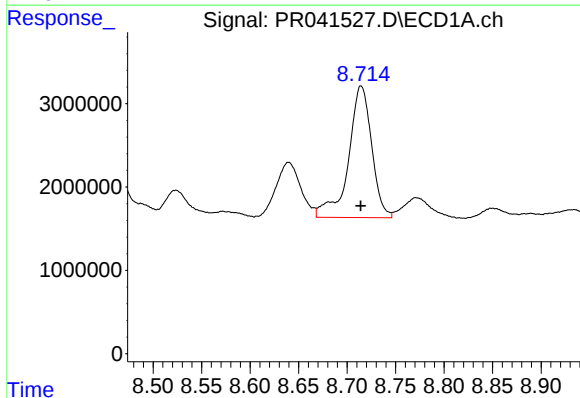
R.T.: 8.196 min
Delta R.T.: 0.000 min
Response: 5171434
Conc: 67.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



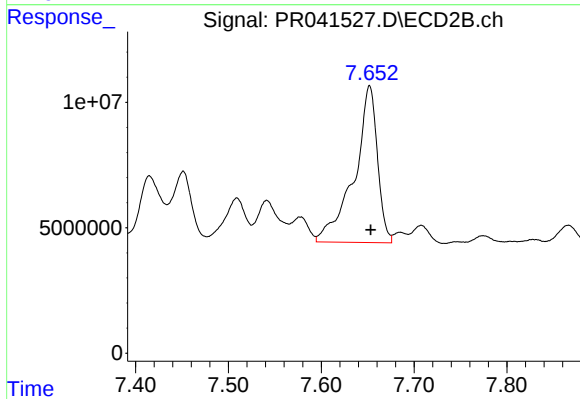
#36 AR-1262-1

R.T.: 7.113 min
Delta R.T.: -0.001 min
Response: 131748581
Conc: 393.63 ng/ml



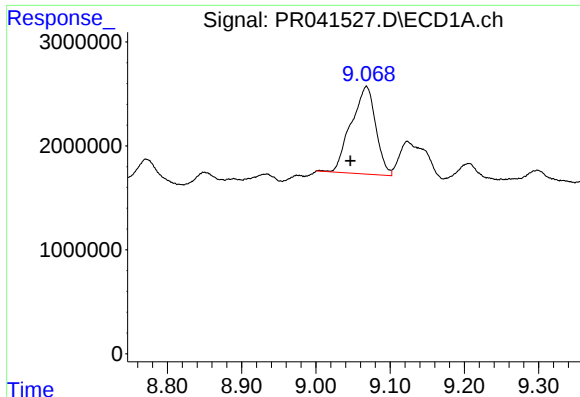
#37 AR-1262-2

R.T.: 8.714 min
Delta R.T.: 0.000 min
Response: 26314762
Conc: 69.41 ng/ml



#37 AR-1262-2

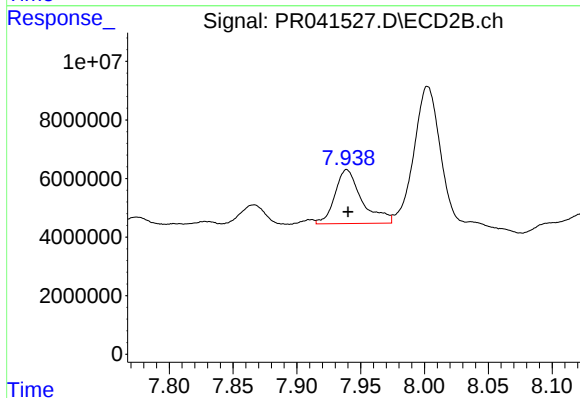
R.T.: 7.652 min
Delta R.T.: -0.001 min
Response: 108656046
Conc: 78.68 ng/ml



#38 AR-1262-3

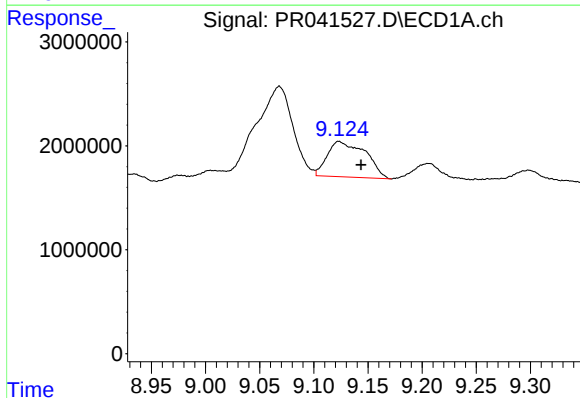
R.T.: 9.068 min
Delta R.T.: 0.022 min
Response: 19357787
Conc: 73.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



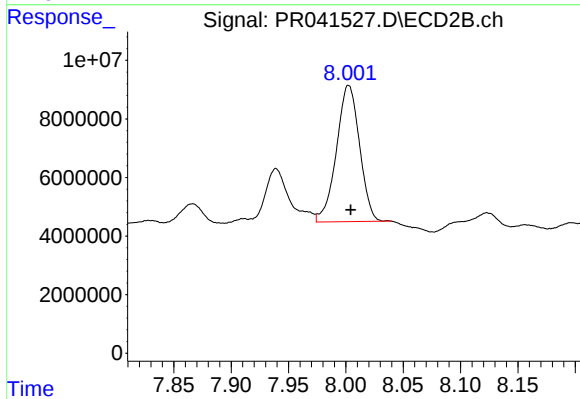
#38 AR-1262-3

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 27088882
Conc: 47.36 ng/ml



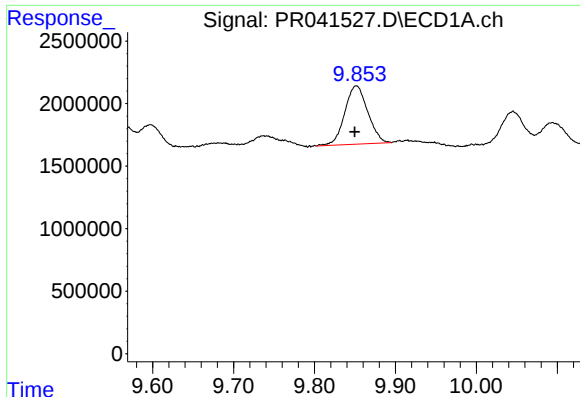
#39 AR-1262-4

R.T.: 9.123 min
Delta R.T.: -0.020 min
Response: 8373112
Conc: 42.40 ng/ml



#39 AR-1262-4

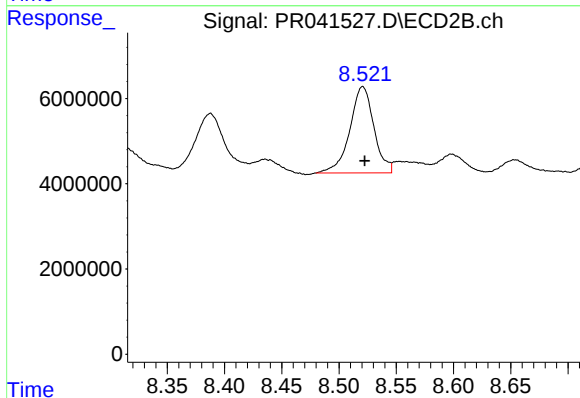
R.T.: 8.002 min
Delta R.T.: -0.002 min
Response: 65307604
Conc: 64.44 ng/ml



#40 AR-1262-5

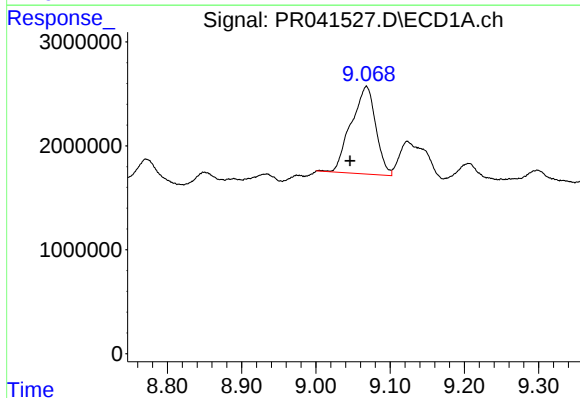
R.T.: 9.852 min
Delta R.T.: 0.002 min
Response: 9167541
Conc: 58.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



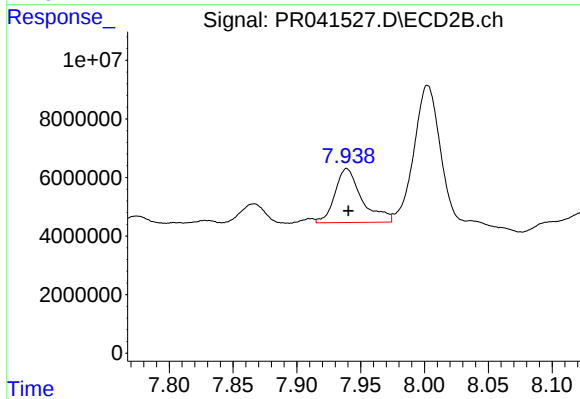
#40 AR-1262-5

R.T.: 8.521 min
Delta R.T.: -0.002 min
Response: 29735363
Conc: 53.12 ng/ml



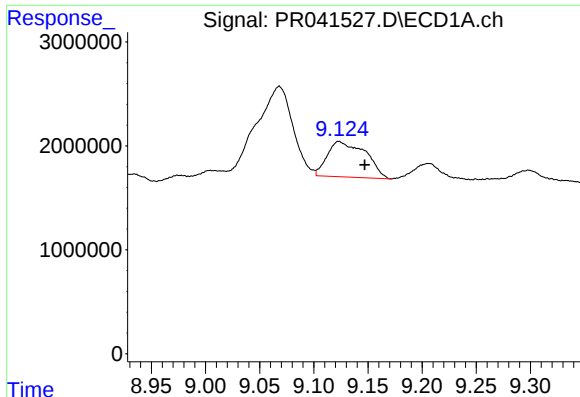
#41 AR-1268-1

R.T.: 9.068 min
Delta R.T.: 0.022 min
Response: 19357787
Conc: 40.25 ng/ml



#41 AR-1268-1

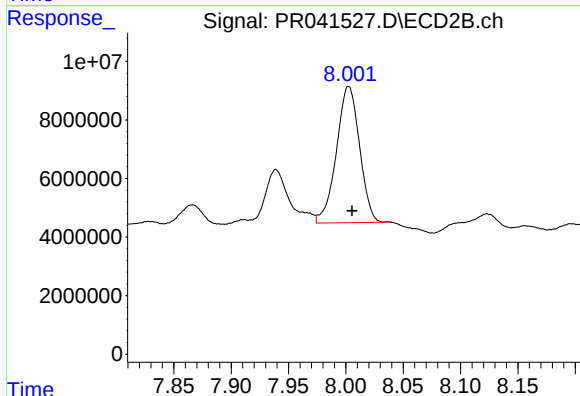
R.T.: 7.939 min
Delta R.T.: -0.001 min
Response: 27088882
Conc: 16.01 ng/ml



#42 AR-1268-2

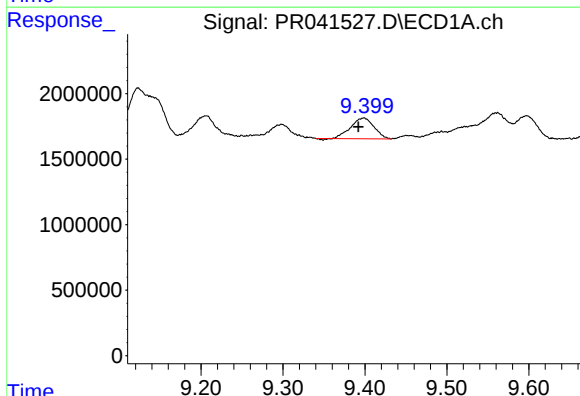
R.T.: 9.123 min
Delta R.T.: -0.024 min
Response: 8373112
Conc: 18.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



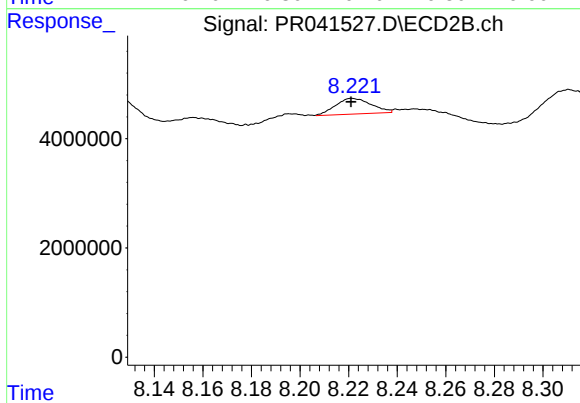
#42 AR-1268-2

R.T.: 8.002 min
Delta R.T.: -0.003 min
Response: 65307604
Conc: 41.75 ng/ml



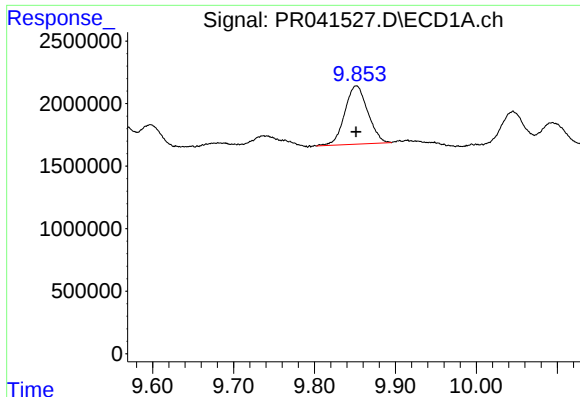
#43 AR-1268-3

R.T.: 9.399 min
Delta R.T.: 0.006 min
Response: 3121319
Conc: 8.45 ng/ml



#43 AR-1268-3

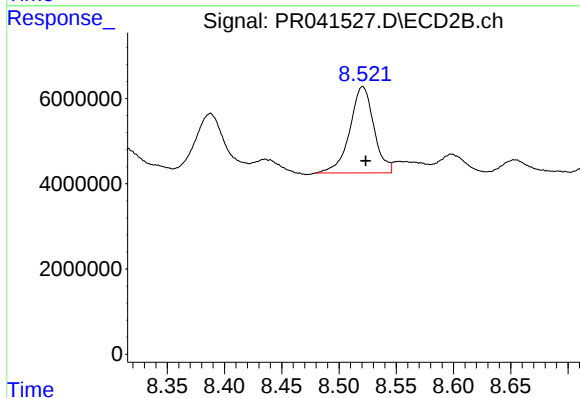
R.T.: 8.222 min
Delta R.T.: 0.000 min
Response: 2968510
Conc: 2.24 ng/ml



#44 AR-1268-4

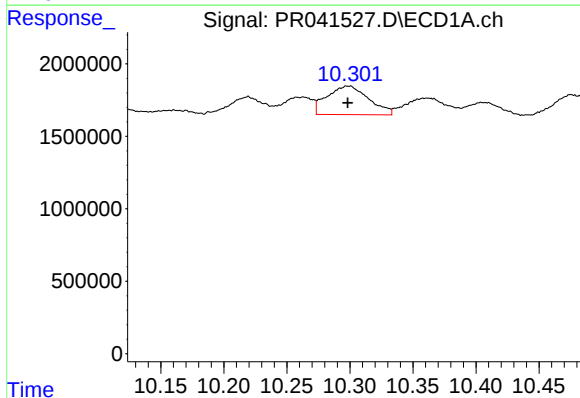
R.T.: 9.852 min
Delta R.T.: 0.000 min
Response: 9167541
Conc: 52.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



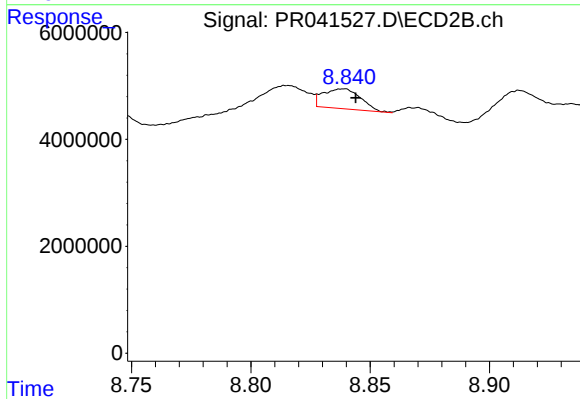
#44 AR-1268-4

R.T.: 8.521 min
Delta R.T.: -0.003 min
Response: 29735363
Conc: 49.55 ng/ml



#45 AR-1268-5

R.T.: 10.299 min
Delta R.T.: 0.000 min
Response: 4539818
Conc: 3.21 ng/ml



#45 AR-1268-5

R.T.: 8.839 min
Delta R.T.: -0.005 min
Response: 4070303
Conc: 0.92 ng/ml