

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092221\
 Data File : PQ054604.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2021 15:16
 Operator : AJ\MA
 Sample : M3828-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 17:23:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 05:25:53 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	5.200	4.207	381.5E6	212.9E6	15.977	16.103
2)	SA Decachlor...	11.369	9.535	289.3E6	214.1E6	17.143	15.797
Target Compounds							
3)	L1 AR-1016-1	6.544f	5.492f	11298099	6386292	13.697	14.072
4)	L1 AR-1016-2	6.544	5.492	11298099	6386292	9.262	8.999
5)	L1 AR-1016-3	6.617	0.000	2839724	0	3.751	N.D. #
6)	L1 AR-1016-4	6.722	5.729	2809286	33703727	4.543	121.346 #
7)	L1 AR-1016-5	7.036	5.959	24269862	24580956	42.718	71.213 #
8)	L2 AR-1221-1	0.000	4.484f	0	9862263	N.D.	75.871 #
9)	L2 AR-1221-2	5.571f	4.563	11673090	8347682	61.067	87.615 #
10)	L2 AR-1221-3	5.653	0.000	19266857	0	32.147	N.D. #
11)	L3 AR-1232-1	5.653	0.000	19266857	0	41.638	N.D. #
12)	L3 AR-1232-2	0.000	5.492	0	6386292	N.D.	20.571 #
13)	L3 AR-1232-3	6.544	0.000	11298099	0	21.487	N.D. #
14)	L3 AR-1232-4	6.722	5.773	2809286	10838621	10.515	85.803 #
15)	L3 AR-1232-5	6.816	5.959	49623878	24580956	245.426	169.486 #
16)	L4 AR-1242-1	6.544f	5.492f	11298099	6386292	19.180	19.797
17)	L4 AR-1242-2	6.544	5.492	11298099	6386292	12.592	12.531
18)	L4 AR-1242-3	6.617	0.000	2839724	0	5.053	N.D. #
19)	L4 AR-1242-4	6.722	5.773	2809286	10838621	6.141	42.825 #
20)	L4 AR-1242-5	7.506	6.338	55840634	164.6E6	119.259	463.350 #
21)	L5 AR-1248-1	6.544f	5.492f	11298099	6386292	22.574	24.408
22)	L5 AR-1248-2	6.816	5.729	49623878	33703727	76.381	94.626
23)	L5 AR-1248-3	7.036	5.773	24269862	10838621	33.938	30.479
24)	L5 AR-1248-4	7.464	5.959	92209165	24580956	116.558	57.224 #
25)	L5 AR-1248-5	7.506	6.382	55840634	17850636	69.587	41.666 #
26)	L6 AR-1254-1	7.433	6.338	168.5E6	164.6E6	193.436	216.089
27)	L6 AR-1254-2	7.660	6.496	311.9E6	164.4E6	233.152	234.936
28)	L6 AR-1254-3	8.044	6.917	390.0E6	297.0E6	280.020	269.447
29)	L6 AR-1254-4	8.340	7.155	340.4E6	227.5E6	319.507	300.927
30)	L6 AR-1254-5	8.767	7.584	452.1E6	346.0E6	393.363	312.594
31)	L7 AR-1260-1	8.209	7.053	204.1E6	173.8E6	205.688	231.438
32)	L7 AR-1260-2	8.472	7.249	254.3E6	168.5E6	216.149	162.862
33)	L7 AR-1260-3	8.836	7.403	107.9E6	160.5E6	140.934	181.540 #
34)	L7 AR-1260-4	9.076	7.886	249.7E6	53177286	267.300	76.849 #
35)	L7 AR-1260-5	9.423	8.133	194.6E6	155.6E6	105.547	81.411
36)	L8 AR-1262-1	8.836	7.584	107.9E6	346.0E6	91.863	669.572 #
37)	L8 AR-1262-2	9.423	8.133	194.6E6	155.6E6	89.712	70.254
38)	L8 AR-1262-3	9.754	8.419	57241915	54573636	64.265	61.506
39)	L8 AR-1262-4	9.852	8.483	49290146	137.3E6	87.376	90.275
40)	L8 AR-1262-5	10.566	8.984	62844733	38065407	81.772	55.426 #
41)	L9 AR-1268-1	9.754	8.419	57241915	54573636	22.825	20.107

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 Acq On : 22 Sep 2021 15:16
 Operator : AJ\MA
 Sample : M3828-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

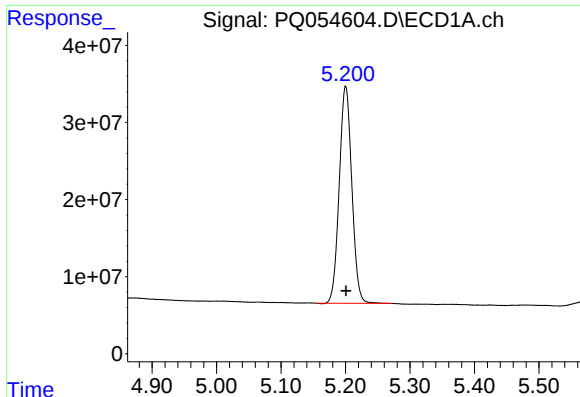
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 17:23:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	9.852	8.483	49290146	137.3E6	21.551	59.593 #
43) L9	AR-1268-3	10.097	8.691	13200449	17024276	6.873	8.448
44) L9	AR-1268-4	10.566	8.984	62844733	38065407	73.646	48.965 #
45) L9	AR-1268-5	11.008	9.280	33713574	25039795	5.348	4.354

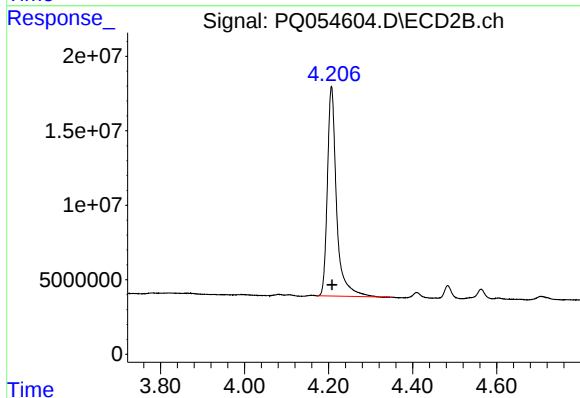
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

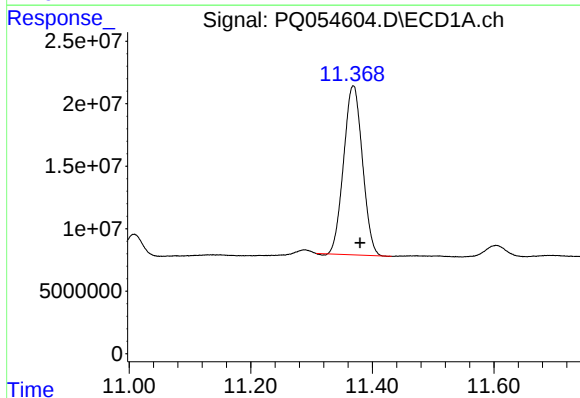
R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 381549521
Conc: 15.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



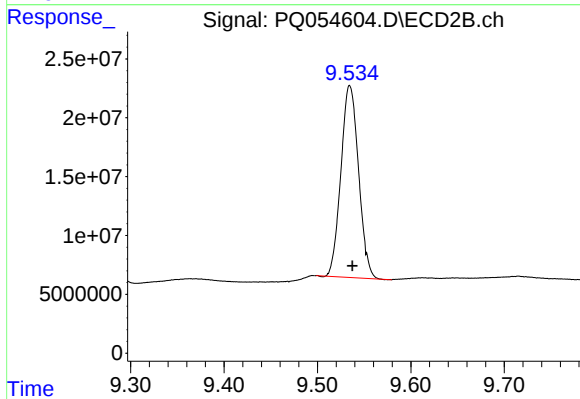
#1 Tetrachloro-m-xylene

R.T.: 4.207 min
Delta R.T.: -0.001 min
Response: 212881151
Conc: 16.10 ng/ml



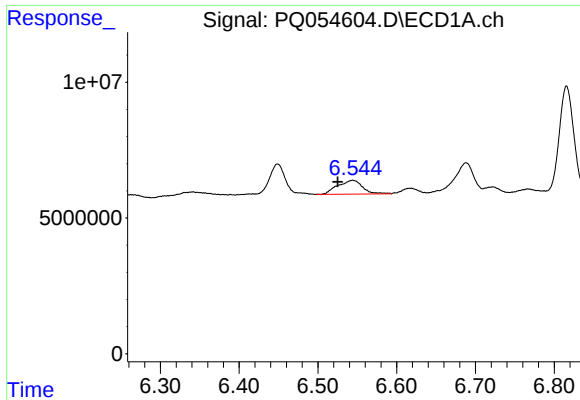
#2 Decachlorobiphenyl

R.T.: 11.369 min
Delta R.T.: -0.011 min
Response: 289334858
Conc: 17.14 ng/ml



#2 Decachlorobiphenyl

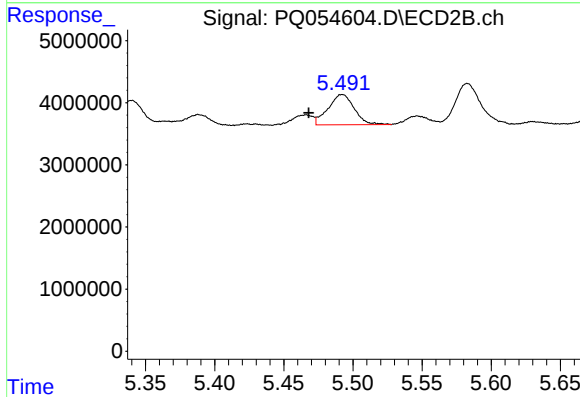
R.T.: 9.535 min
Delta R.T.: -0.003 min
Response: 214081813
Conc: 15.80 ng/ml



#3 AR-1016-1

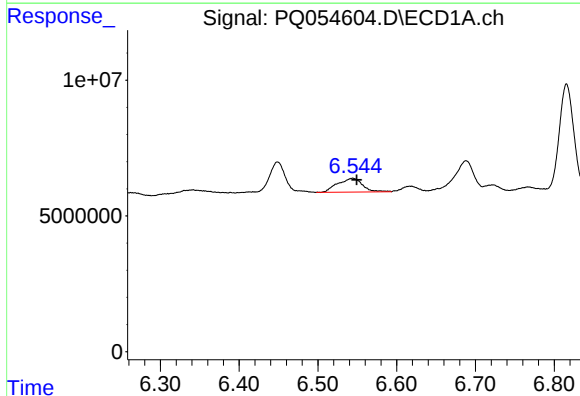
R.T.: 6.544 min
Delta R.T.: 0.019 min
Response: 11298099
Conc: 13.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



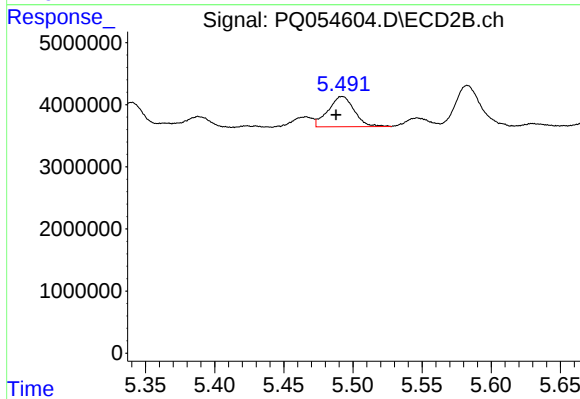
#3 AR-1016-1

R.T.: 5.492 min
Delta R.T.: 0.024 min
Response: 6386292
Conc: 14.07 ng/ml



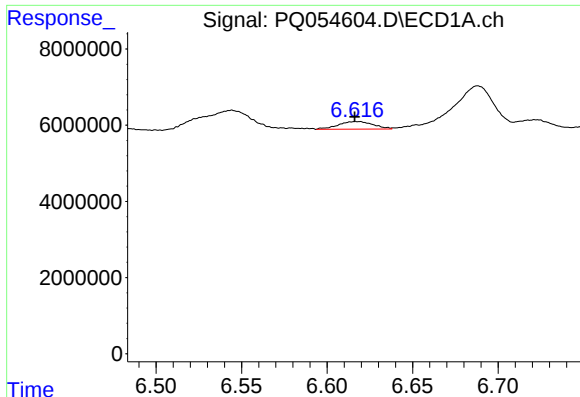
#4 AR-1016-2

R.T.: 6.544 min
Delta R.T.: -0.005 min
Response: 11298099
Conc: 9.26 ng/ml



#4 AR-1016-2

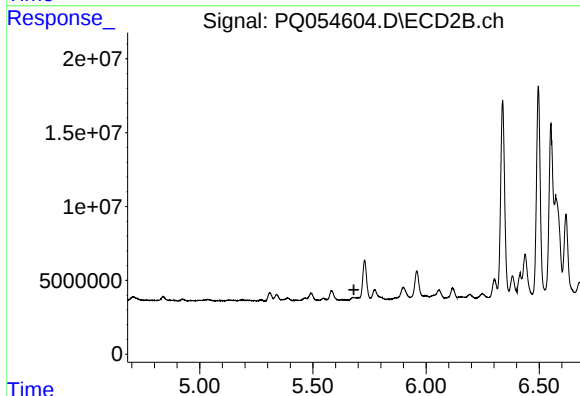
R.T.: 5.492 min
Delta R.T.: 0.005 min
Response: 6386292
Conc: 9.00 ng/ml



#5 AR-1016-3

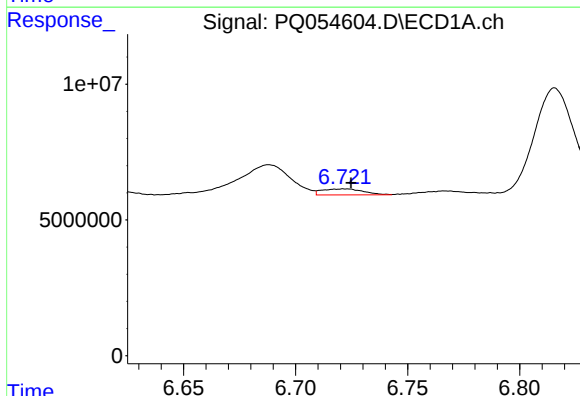
R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 2839724
Conc: 3.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



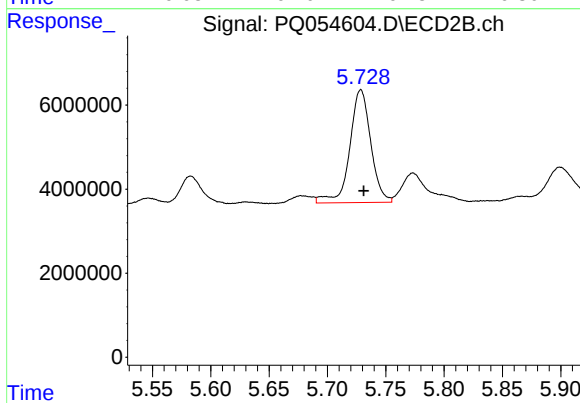
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.681 min
Response: 0
Conc: N.D.



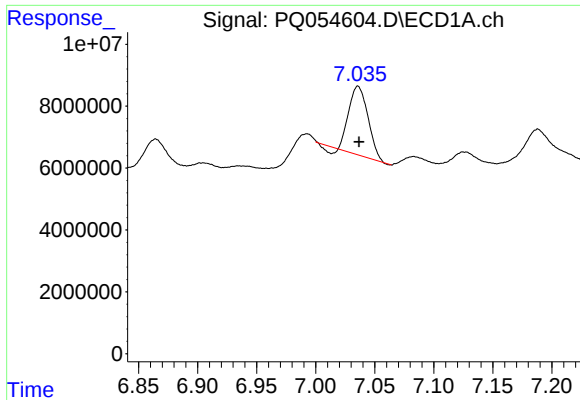
#6 AR-1016-4

R.T.: 6.722 min
Delta R.T.: -0.003 min
Response: 2809286
Conc: 4.54 ng/ml



#6 AR-1016-4

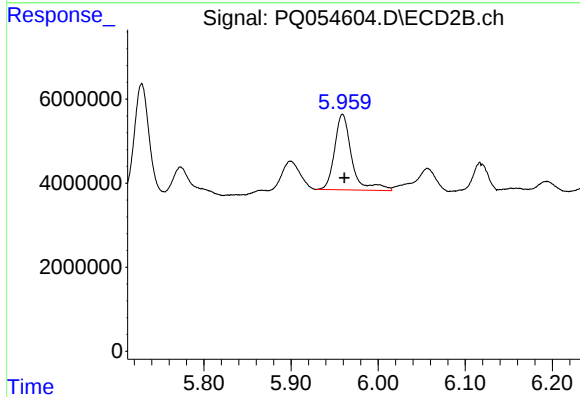
R.T.: 5.729 min
Delta R.T.: -0.002 min
Response: 33703727
Conc: 121.35 ng/ml



#7 AR-1016-5

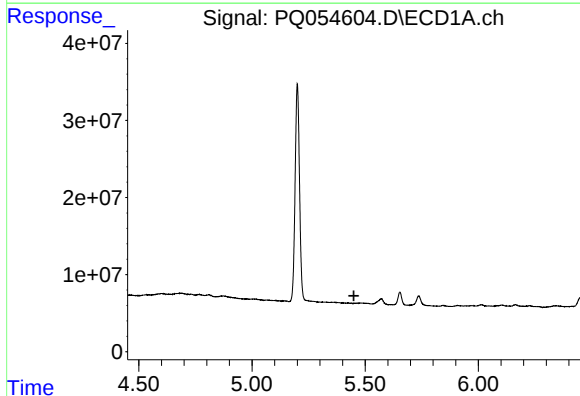
R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 24269862
Conc: 42.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



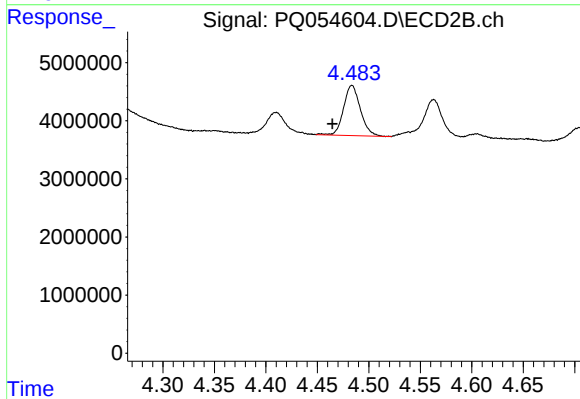
#7 AR-1016-5

R.T.: 5.959 min
Delta R.T.: -0.002 min
Response: 24580956
Conc: 71.21 ng/ml



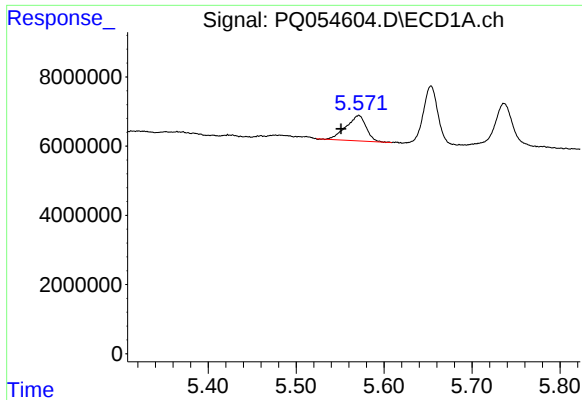
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.450 min
Response: 0
Conc: N.D.



#8 AR-1221-1

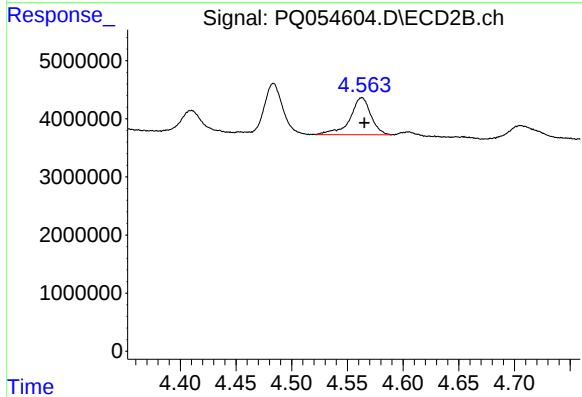
R.T.: 4.484 min
Delta R.T.: 0.019 min
Response: 9862263
Conc: 75.87 ng/ml



#9 AR-1221-2

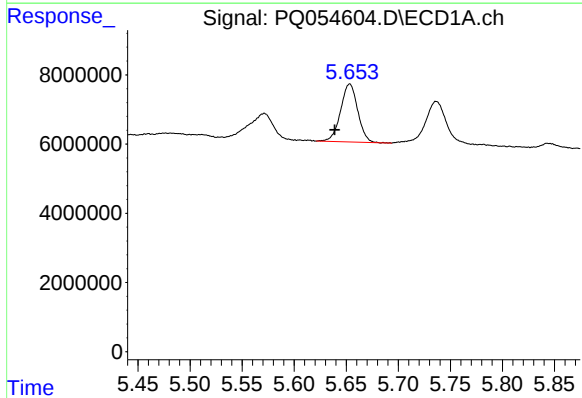
R.T.: 5.571 min
Delta R.T.: 0.020 min
Response: 11673090
Conc: 61.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



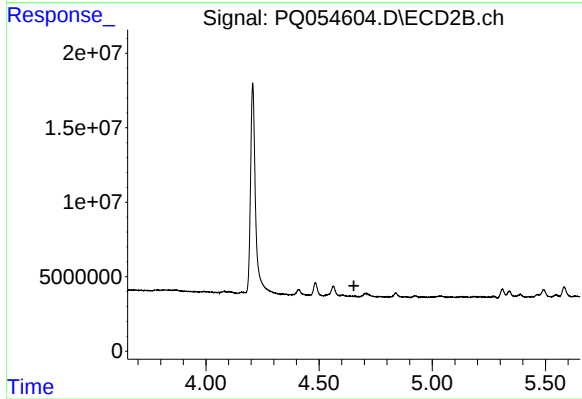
#9 AR-1221-2

R.T.: 4.563 min
Delta R.T.: -0.002 min
Response: 8347682
Conc: 87.61 ng/ml



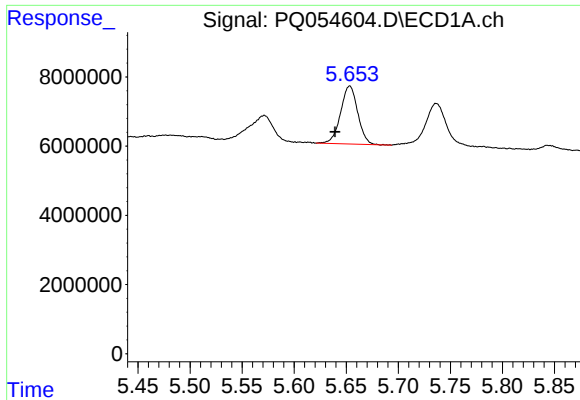
#10 AR-1221-3

R.T.: 5.653 min
Delta R.T.: 0.015 min
Response: 19266857
Conc: 32.15 ng/ml



#10 AR-1221-3

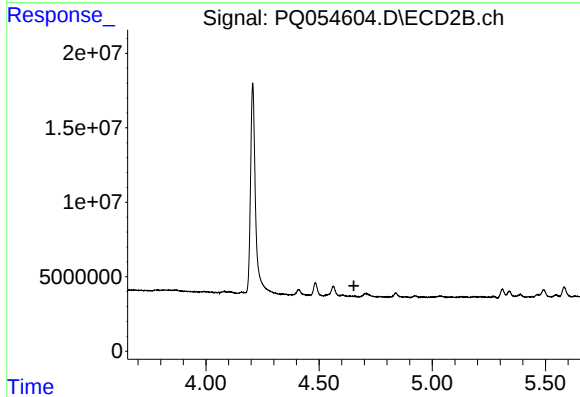
R.T.: 0.000 min
Exp R.T.: 4.654 min
Response: 0
Conc: N.D.



#11 AR-1232-1

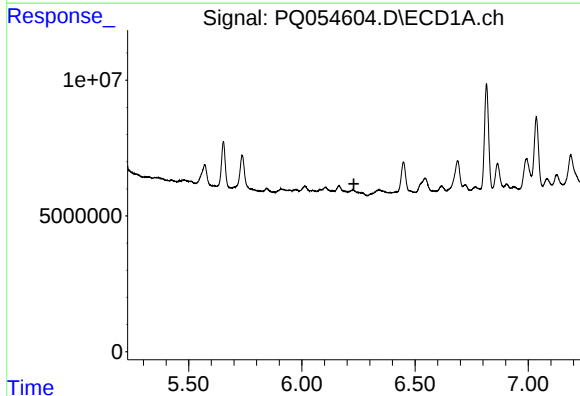
R.T.: 5.653 min
Delta R.T.: 0.014 min
Response: 19266857
Conc: 41.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



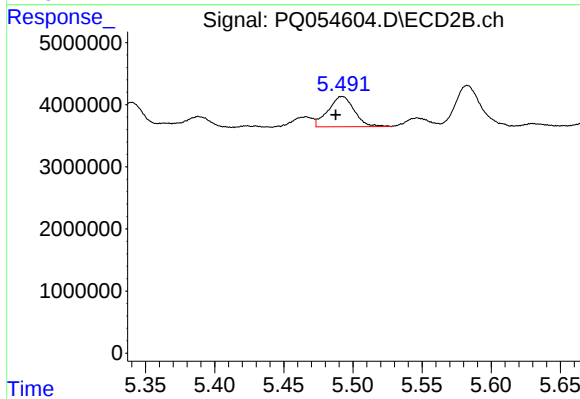
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.654 min
Response: 0
Conc: N.D.



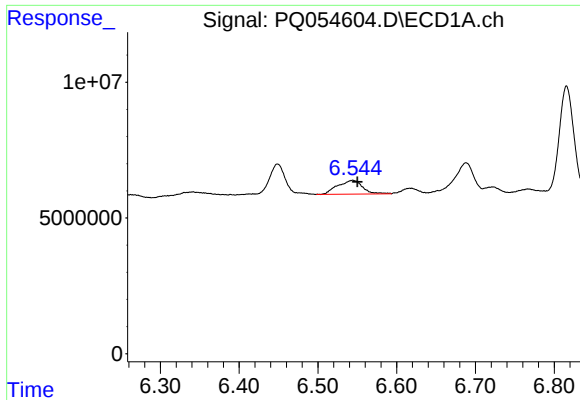
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.230 min
Response: 0
Conc: N.D.



#12 AR-1232-2

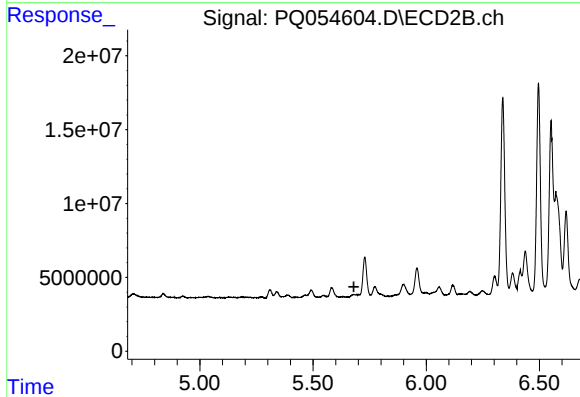
R.T.: 5.492 min
Delta R.T.: 0.005 min
Response: 6386292
Conc: 20.57 ng/ml



#13 AR-1232-3

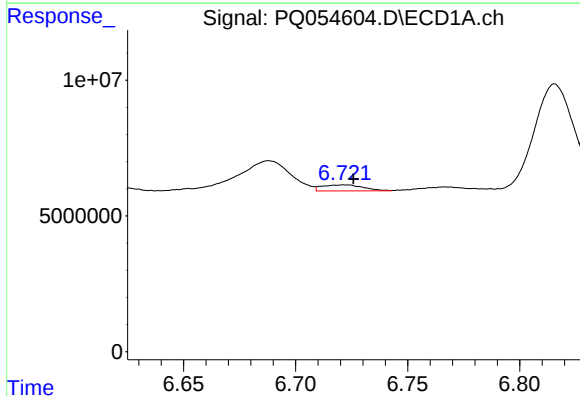
R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 11298099
Conc: 21.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



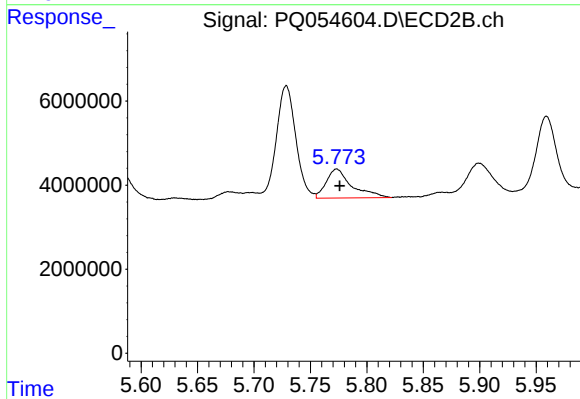
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.681 min
Response: 0
Conc: N.D.



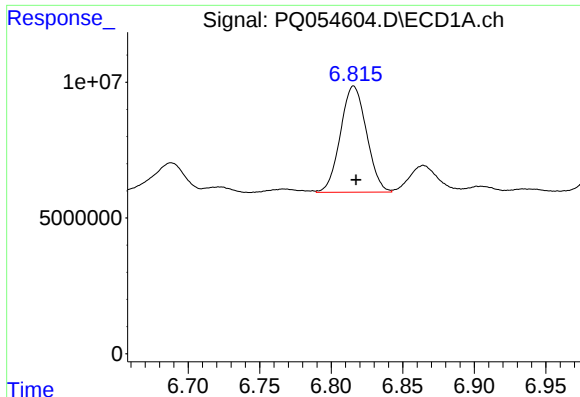
#14 AR-1232-4

R.T.: 6.722 min
Delta R.T.: -0.004 min
Response: 2809286
Conc: 10.52 ng/ml



#14 AR-1232-4

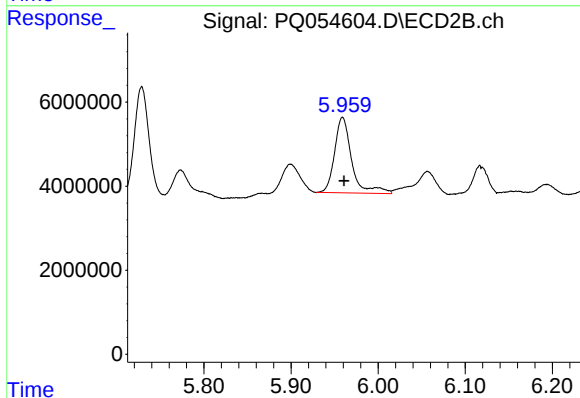
R.T.: 5.773 min
Delta R.T.: -0.003 min
Response: 10838621
Conc: 85.80 ng/ml



#15 AR-1232-5

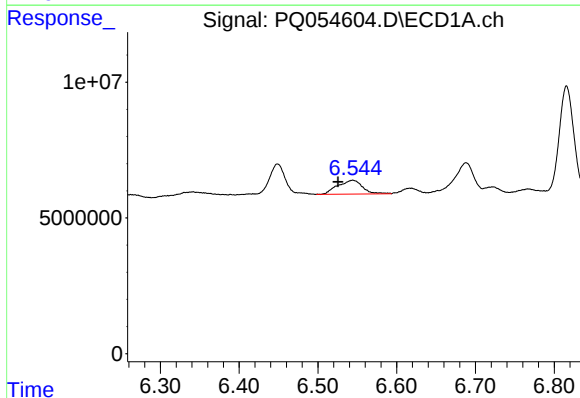
R.T.: 6.816 min
Delta R.T.: -0.002 min
Response: 49623878
Conc: 245.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



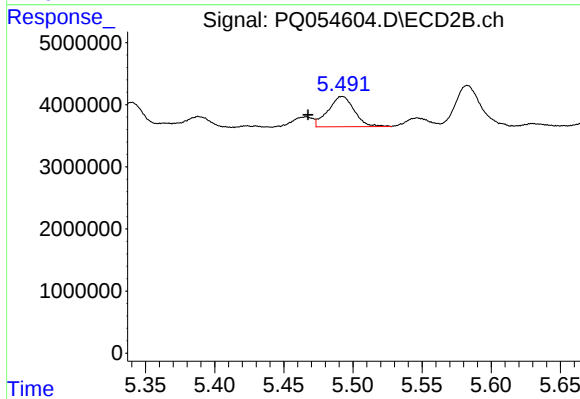
#15 AR-1232-5

R.T.: 5.959 min
Delta R.T.: -0.002 min
Response: 24580956
Conc: 169.49 ng/ml



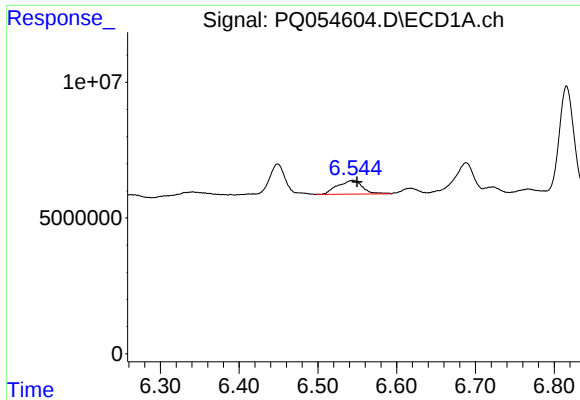
#16 AR-1242-1

R.T.: 6.544 min
Delta R.T.: 0.019 min
Response: 11298099
Conc: 19.18 ng/ml



#16 AR-1242-1

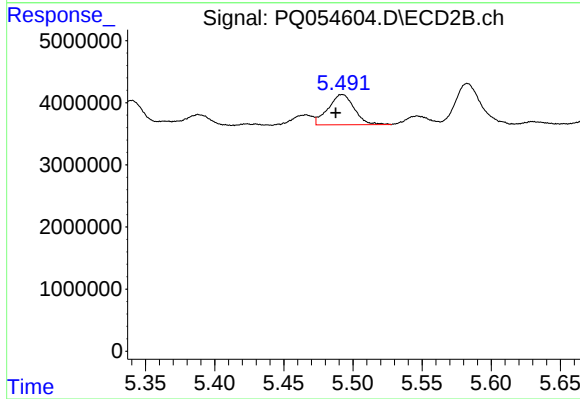
R.T.: 5.492 min
Delta R.T.: 0.025 min
Response: 6386292
Conc: 19.80 ng/ml



#17 AR-1242-2

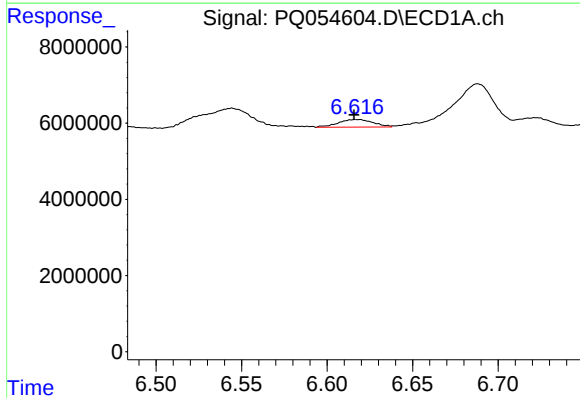
R.T.: 6.544 min
Delta R.T.: -0.005 min
Response: 11298099
Conc: 12.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



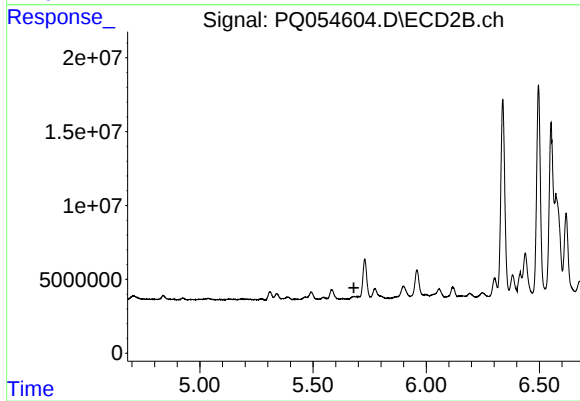
#17 AR-1242-2

R.T.: 5.492 min
Delta R.T.: 0.005 min
Response: 6386292
Conc: 12.53 ng/ml



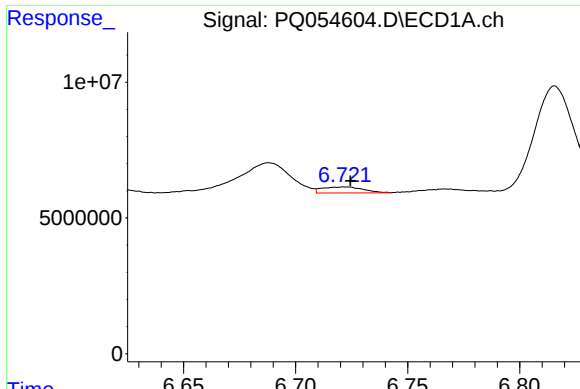
#18 AR-1242-3

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 2839724
Conc: 5.05 ng/ml



#18 AR-1242-3

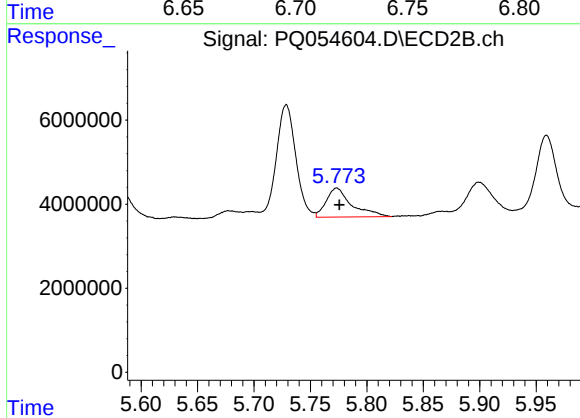
R.T.: 0.000 min
Exp R.T.: 5.680 min
Response: 0
Conc: N.D.



#19 AR-1242-4

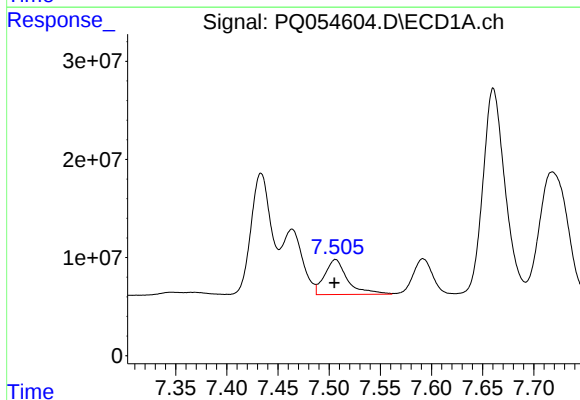
R.T.: 6.722 min
Delta R.T.: -0.003 min
Response: 2809286
Conc: 6.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



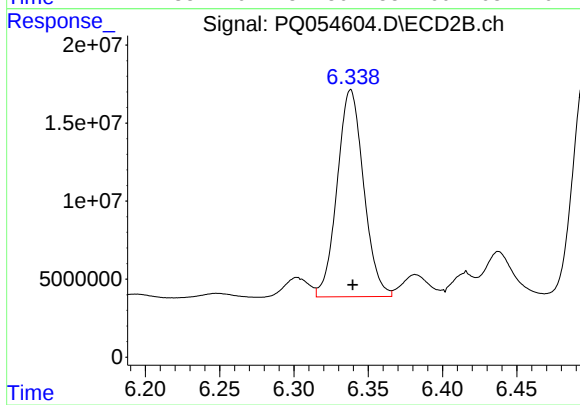
#19 AR-1242-4

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 10838621
Conc: 42.83 ng/ml



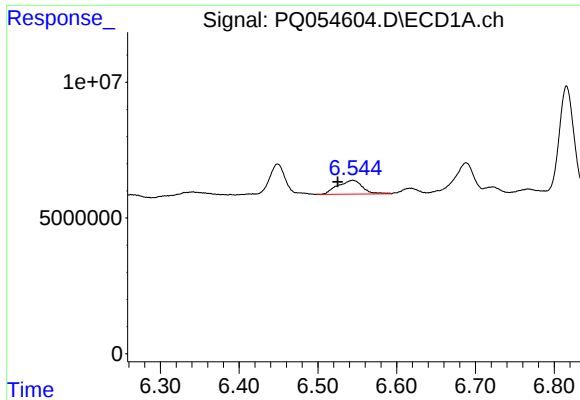
#20 AR-1242-5

R.T.: 7.506 min
Delta R.T.: 0.001 min
Response: 55840634
Conc: 119.26 ng/ml



#20 AR-1242-5

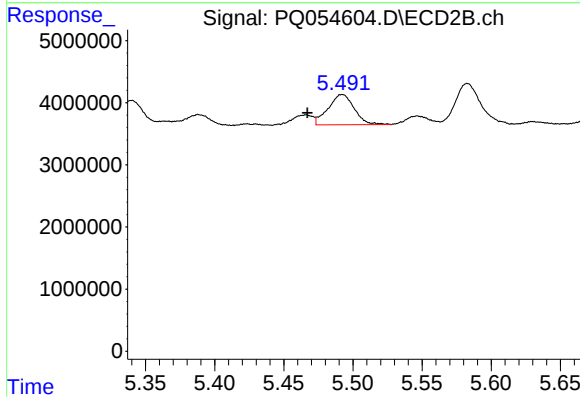
R.T.: 6.338 min
Delta R.T.: -0.001 min
Response: 164617968
Conc: 463.35 ng/ml



#21 AR-1248-1

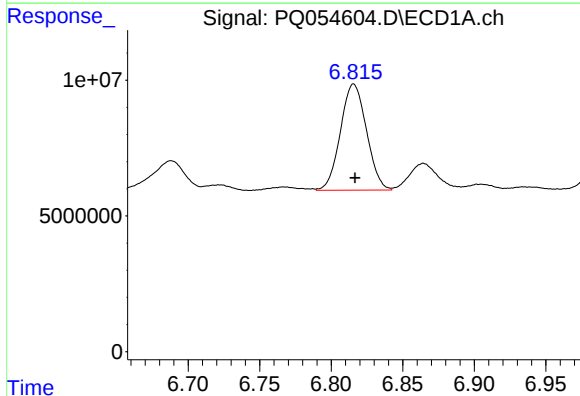
R.T.: 6.544 min
Delta R.T.: 0.019 min
Response: 11298099
Conc: 22.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



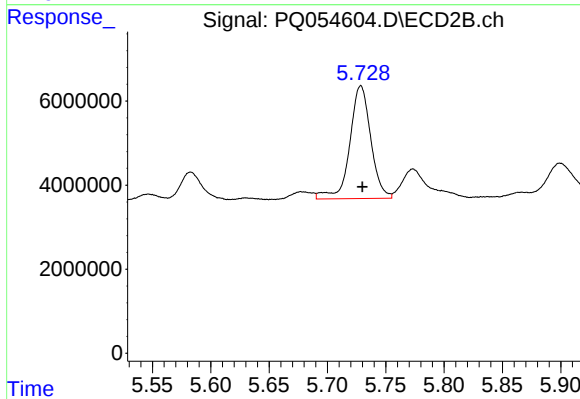
#21 AR-1248-1

R.T.: 5.492 min
Delta R.T.: 0.025 min
Response: 6386292
Conc: 24.41 ng/ml



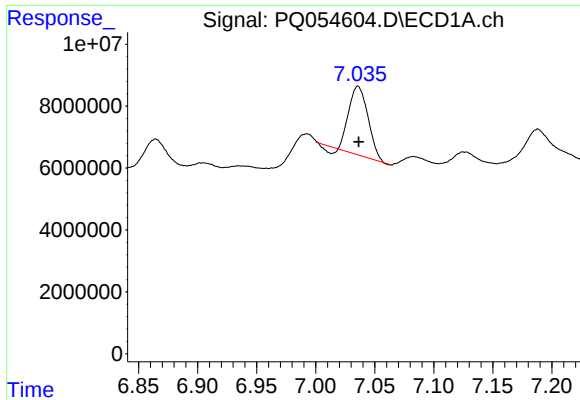
#22 AR-1248-2

R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 49623878
Conc: 76.38 ng/ml



#22 AR-1248-2

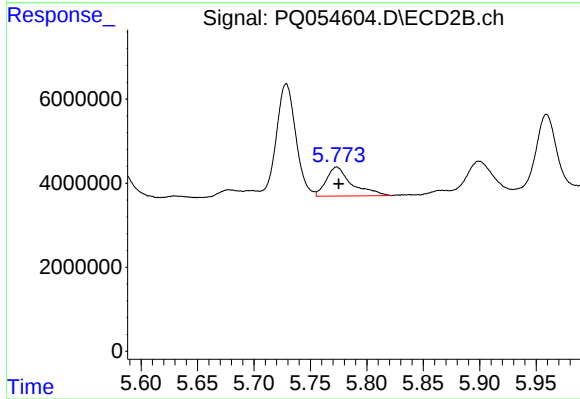
R.T.: 5.729 min
Delta R.T.: -0.001 min
Response: 33703727
Conc: 94.63 ng/ml



#23 AR-1248-3

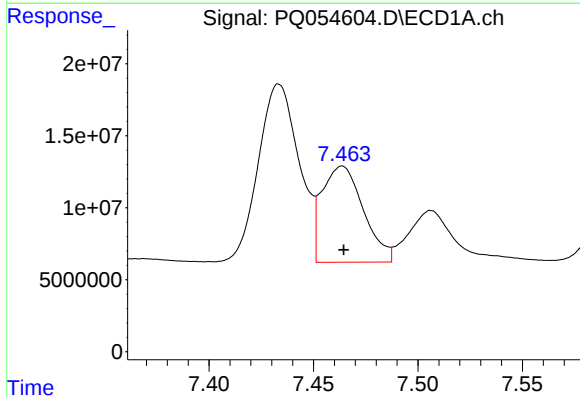
R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 24269862
Conc: 33.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



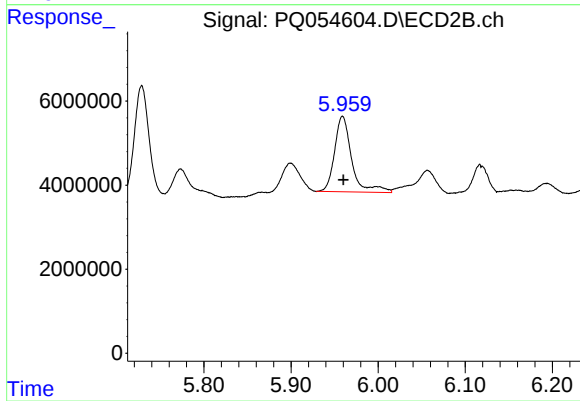
#23 AR-1248-3

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 10838621
Conc: 30.48 ng/ml



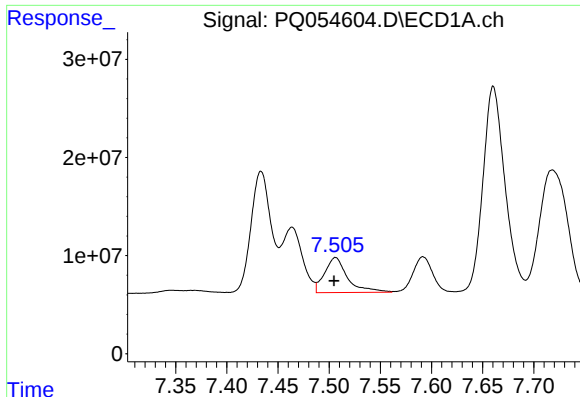
#24 AR-1248-4

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 92209165
Conc: 116.56 ng/ml



#24 AR-1248-4

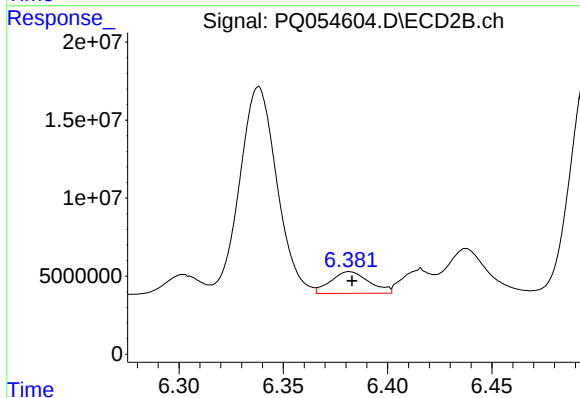
R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 24580956
Conc: 57.22 ng/ml



#25 AR-1248-5

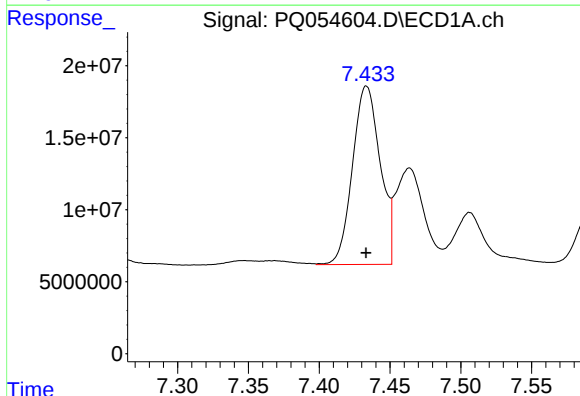
R.T.: 7.506 min
Delta R.T.: 0.001 min
Response: 55840634
Conc: 69.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



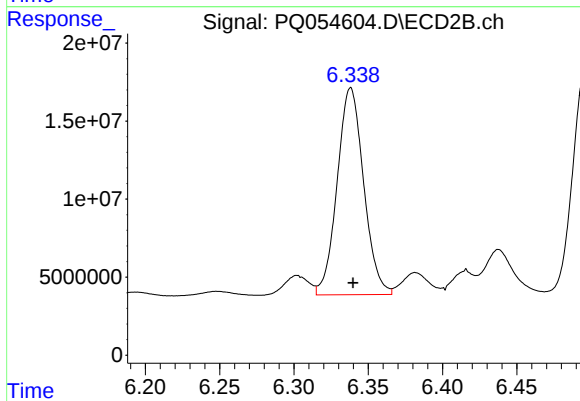
#25 AR-1248-5

R.T.: 6.382 min
Delta R.T.: -0.001 min
Response: 17850636
Conc: 41.67 ng/ml



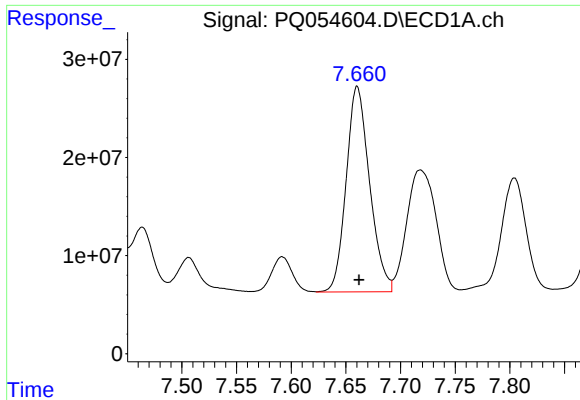
#26 AR-1254-1

R.T.: 7.433 min
Delta R.T.: 0.000 min
Response: 168498885
Conc: 193.44 ng/ml



#26 AR-1254-1

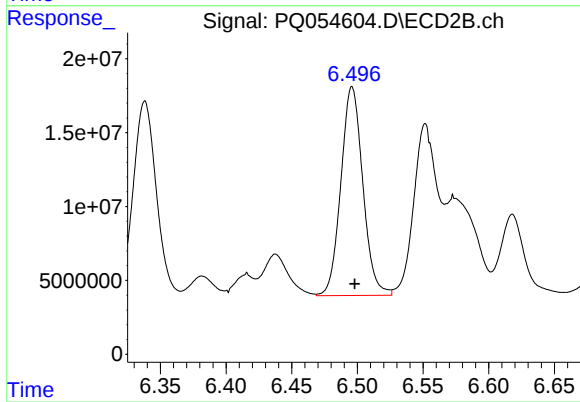
R.T.: 6.338 min
Delta R.T.: -0.001 min
Response: 164617968
Conc: 216.09 ng/ml



#27 AR-1254-2

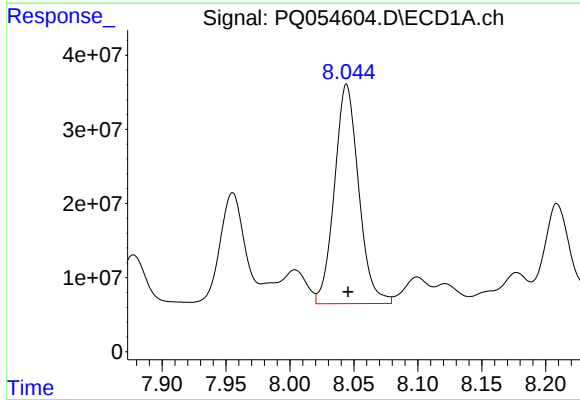
R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 311864928
Conc: 233.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



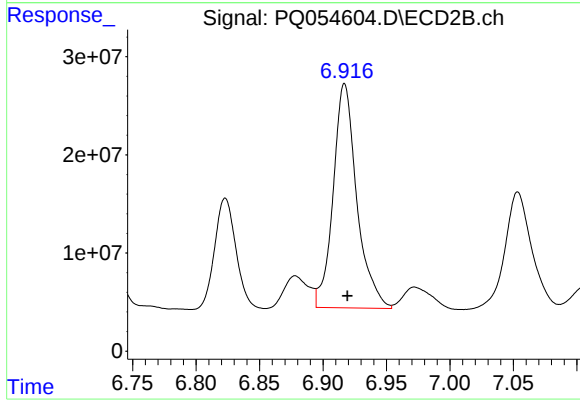
#27 AR-1254-2

R.T.: 6.496 min
Delta R.T.: -0.002 min
Response: 164404155
Conc: 234.94 ng/ml



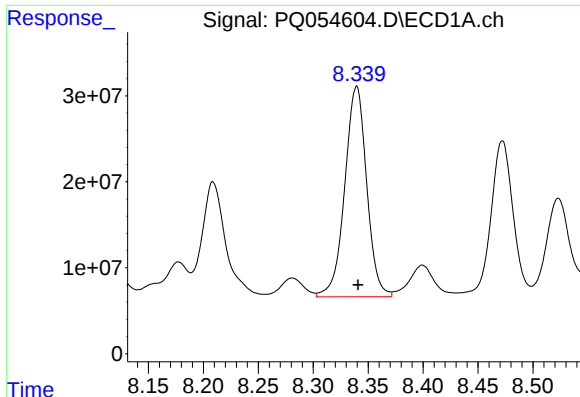
#28 AR-1254-3

R.T.: 8.044 min
Delta R.T.: -0.001 min
Response: 389996181
Conc: 280.02 ng/ml



#28 AR-1254-3

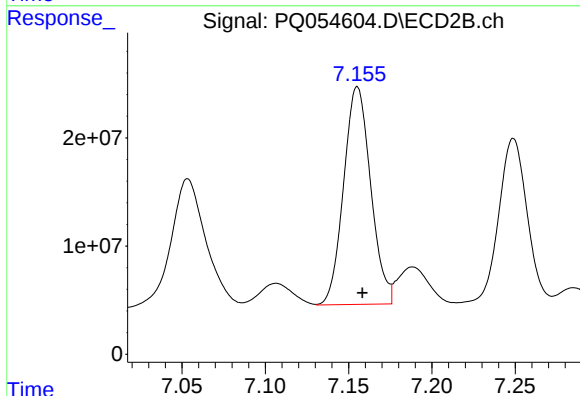
R.T.: 6.917 min
Delta R.T.: -0.002 min
Response: 297044051
Conc: 269.45 ng/ml



#29 AR-1254-4

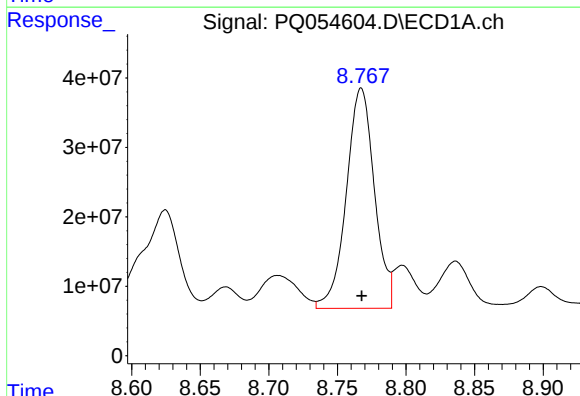
R.T.: 8.340 min
Delta R.T.: -0.001 min
Response: 340375773
Conc: 319.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



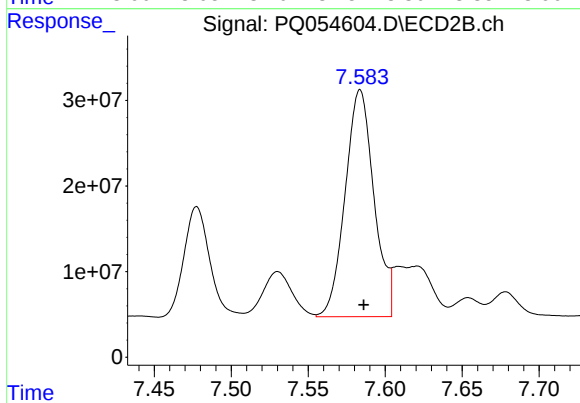
#29 AR-1254-4

R.T.: 7.155 min
Delta R.T.: -0.003 min
Response: 227536181
Conc: 300.93 ng/ml



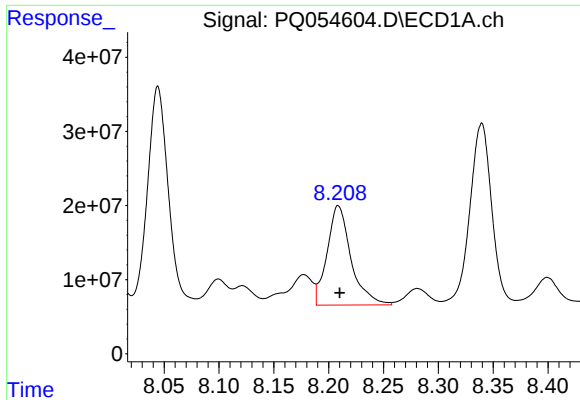
#30 AR-1254-5

R.T.: 8.767 min
Delta R.T.: 0.000 min
Response: 452084297
Conc: 393.36 ng/ml



#30 AR-1254-5

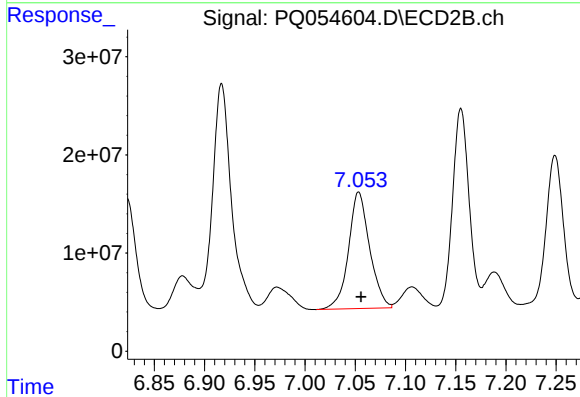
R.T.: 7.584 min
Delta R.T.: -0.002 min
Response: 345954003
Conc: 312.59 ng/ml



#31 AR-1260-1

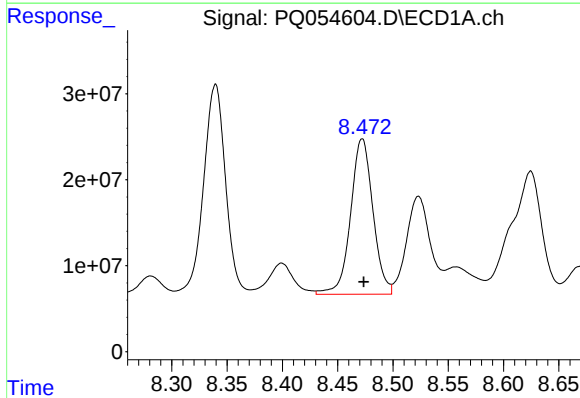
R.T.: 8.209 min
Delta R.T.: -0.001 min
Response: 204123315
Conc: 205.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



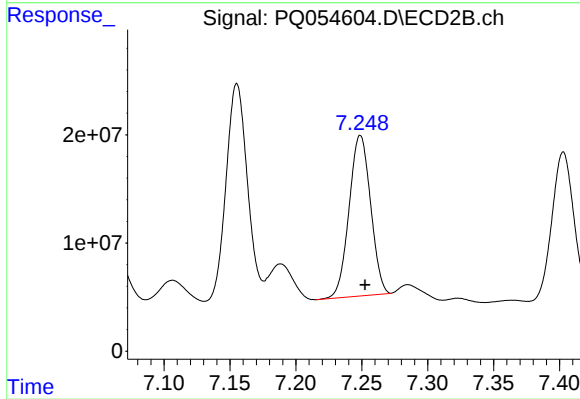
#31 AR-1260-1

R.T.: 7.053 min
Delta R.T.: -0.002 min
Response: 173804174
Conc: 231.44 ng/ml



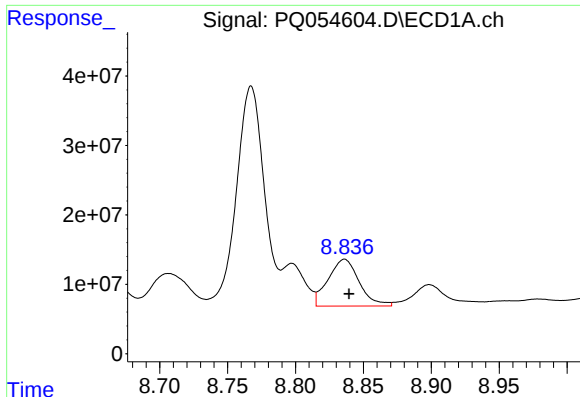
#32 AR-1260-2

R.T.: 8.472 min
Delta R.T.: -0.001 min
Response: 254344704
Conc: 216.15 ng/ml



#32 AR-1260-2

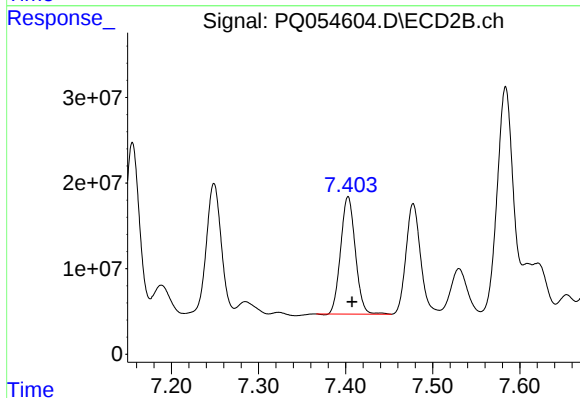
R.T.: 7.249 min
Delta R.T.: -0.003 min
Response: 168546217
Conc: 162.86 ng/ml



#33 AR-1260-3

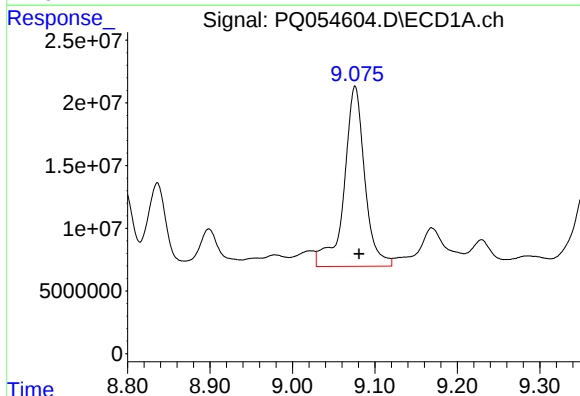
R.T.: 8.836 min
Delta R.T.: -0.003 min
Response: 107939640
Conc: 140.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



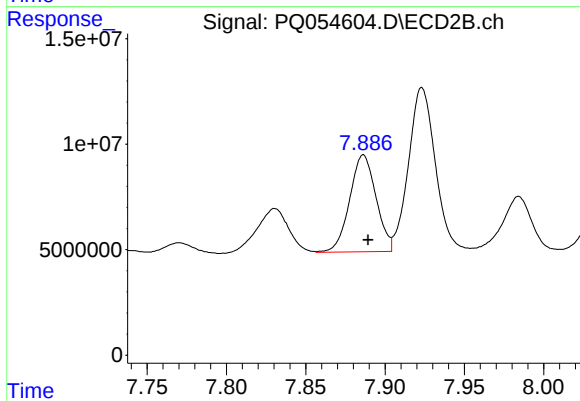
#33 AR-1260-3

R.T.: 7.403 min
Delta R.T.: -0.004 min
Response: 160508422
Conc: 181.54 ng/ml



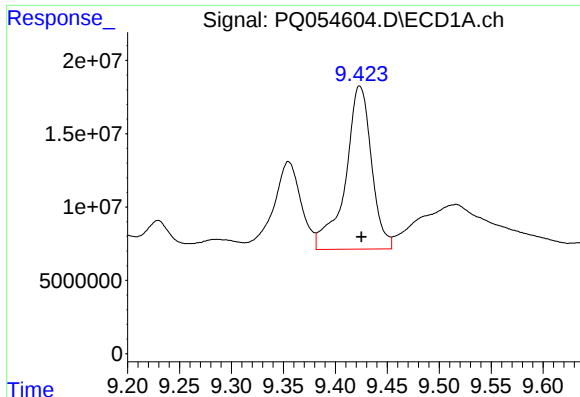
#34 AR-1260-4

R.T.: 9.076 min
Delta R.T.: -0.005 min
Response: 249682672
Conc: 267.30 ng/ml



#34 AR-1260-4

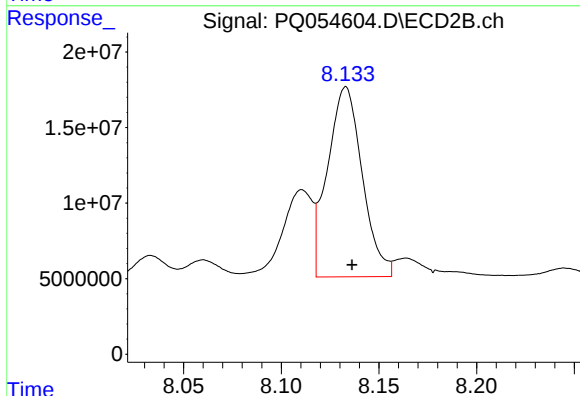
R.T.: 7.886 min
Delta R.T.: -0.003 min
Response: 53177286
Conc: 76.85 ng/ml



#35 AR-1260-5

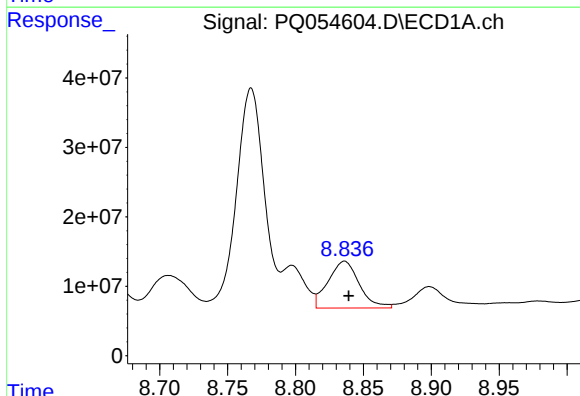
R.T.: 9.423 min
Delta R.T.: -0.002 min
Response: 194578098
Conc: 105.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



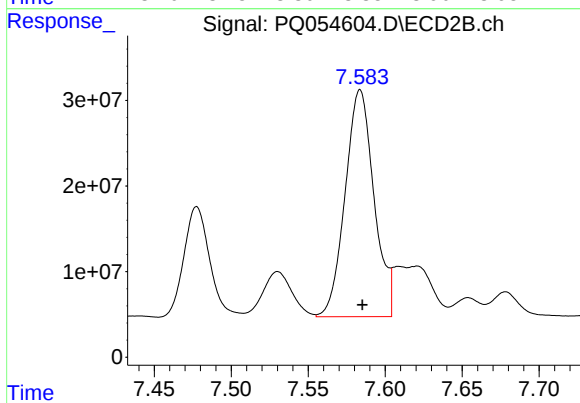
#35 AR-1260-5

R.T.: 8.133 min
Delta R.T.: -0.003 min
Response: 155605559
Conc: 81.41 ng/ml



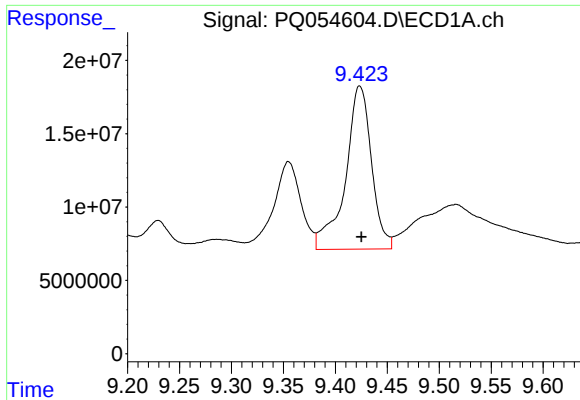
#36 AR-1262-1

R.T.: 8.836 min
Delta R.T.: -0.003 min
Response: 107939640
Conc: 91.86 ng/ml



#36 AR-1262-1

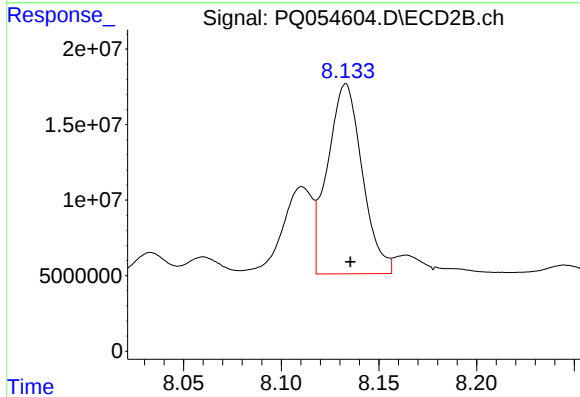
R.T.: 7.584 min
Delta R.T.: -0.001 min
Response: 345954003
Conc: 669.57 ng/ml



#37 AR-1262-2

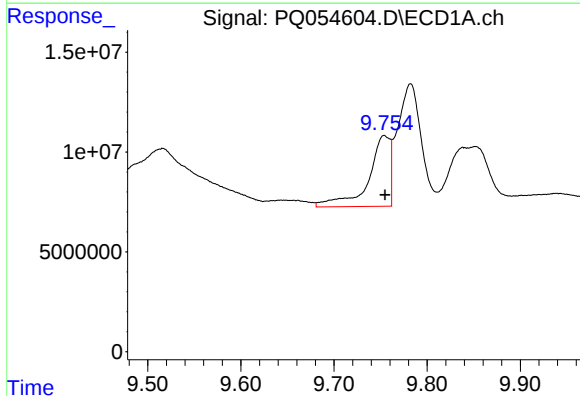
R.T.: 9.423 min
Delta R.T.: -0.002 min
Response: 194578098
Conc: 89.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



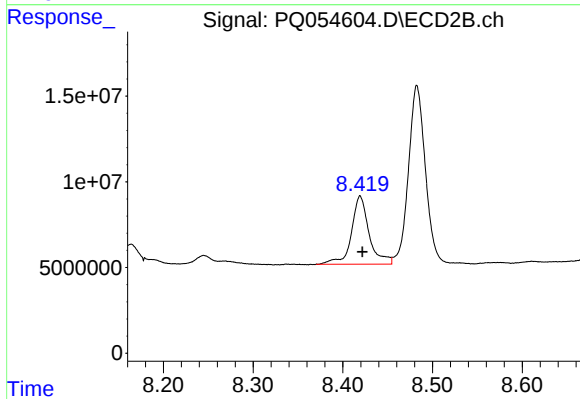
#37 AR-1262-2

R.T.: 8.133 min
Delta R.T.: -0.002 min
Response: 155605559
Conc: 70.25 ng/ml



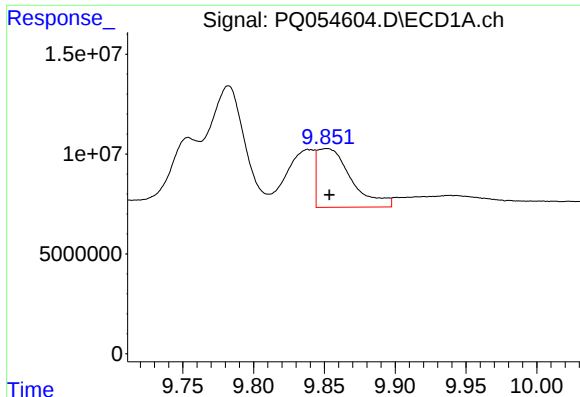
#38 AR-1262-3

R.T.: 9.754 min
Delta R.T.: 0.000 min
Response: 57241915
Conc: 64.27 ng/ml



#38 AR-1262-3

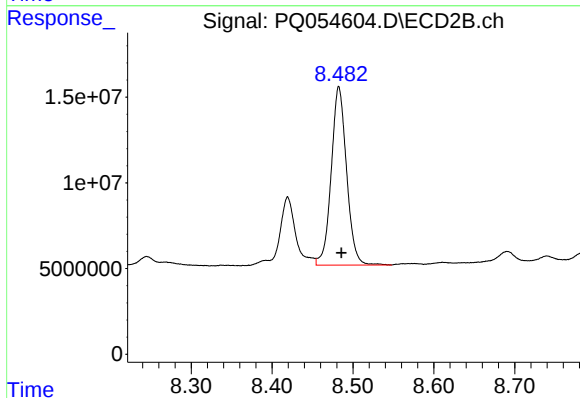
R.T.: 8.419 min
Delta R.T.: -0.002 min
Response: 54573636
Conc: 61.51 ng/ml



#39 AR-1262-4

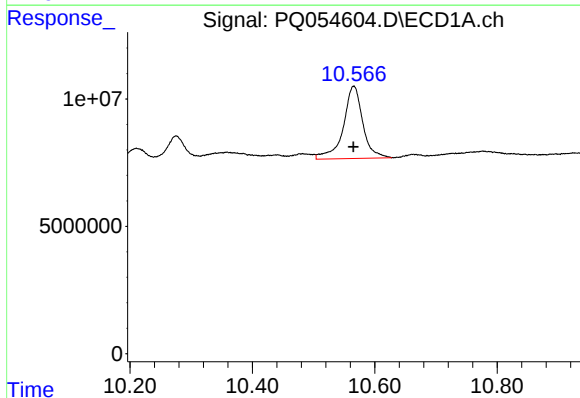
R.T.: 9.852 min
Delta R.T.: -0.002 min
Response: 49290146
Conc: 87.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



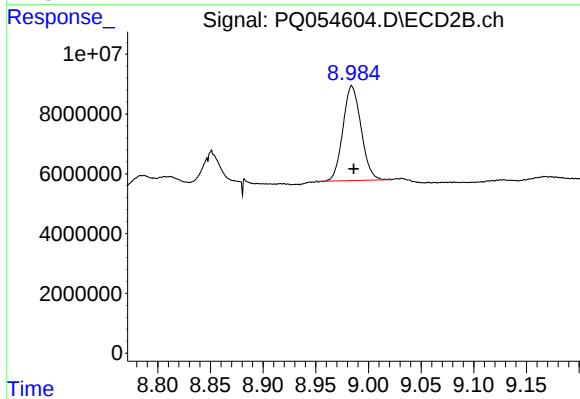
#39 AR-1262-4

R.T.: 8.483 min
Delta R.T.: -0.003 min
Response: 137294823
Conc: 90.28 ng/ml



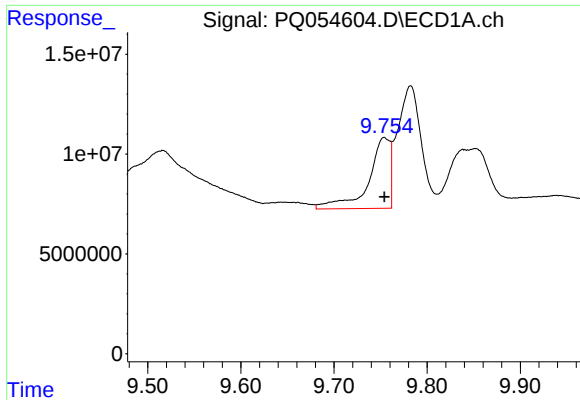
#40 AR-1262-5

R.T.: 10.566 min
Delta R.T.: 0.000 min
Response: 62844733
Conc: 81.77 ng/ml



#40 AR-1262-5

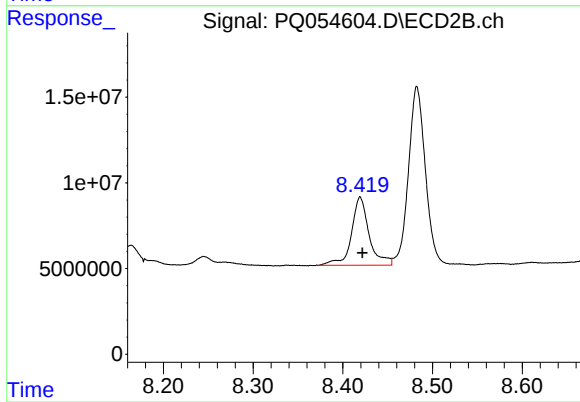
R.T.: 8.984 min
Delta R.T.: -0.002 min
Response: 38065407
Conc: 55.43 ng/ml



#41 AR-1268-1

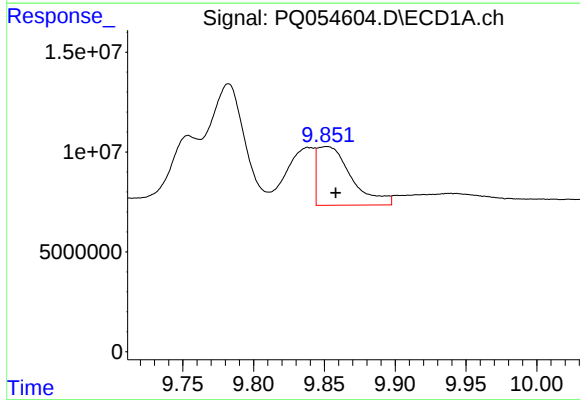
R.T.: 9.754 min
Delta R.T.: 0.000 min
Response: 57241915
Conc: 22.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



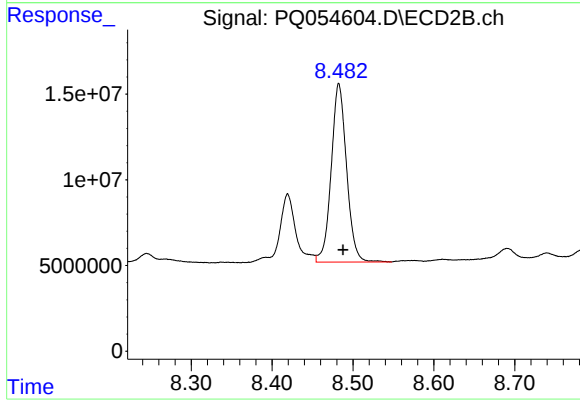
#41 AR-1268-1

R.T.: 8.419 min
Delta R.T.: -0.003 min
Response: 54573636
Conc: 20.11 ng/ml



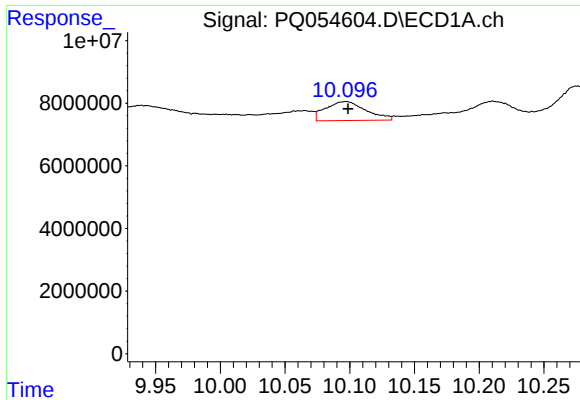
#42 AR-1268-2

R.T.: 9.852 min
Delta R.T.: -0.006 min
Response: 49290146
Conc: 21.55 ng/ml



#42 AR-1268-2

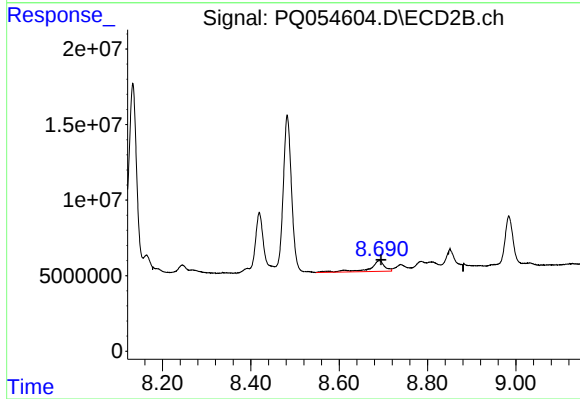
R.T.: 8.483 min
Delta R.T.: -0.005 min
Response: 137294823
Conc: 59.59 ng/ml



#43 AR-1268-3

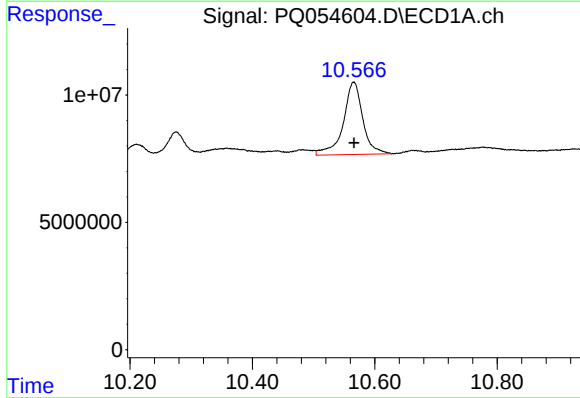
R.T.: 10.097 min
Delta R.T.: -0.002 min
Response: 13200449
Conc: 6.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



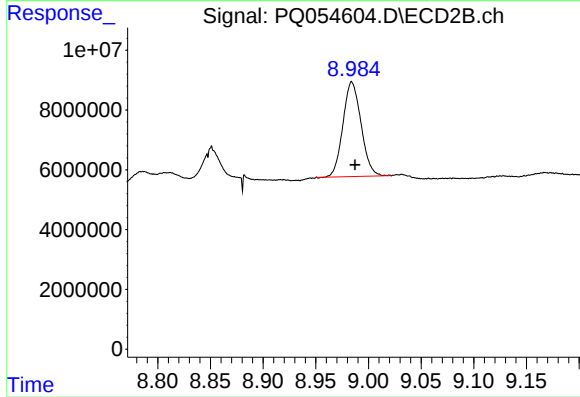
#43 AR-1268-3

R.T.: 8.691 min
Delta R.T.: -0.004 min
Response: 17024276
Conc: 8.45 ng/ml



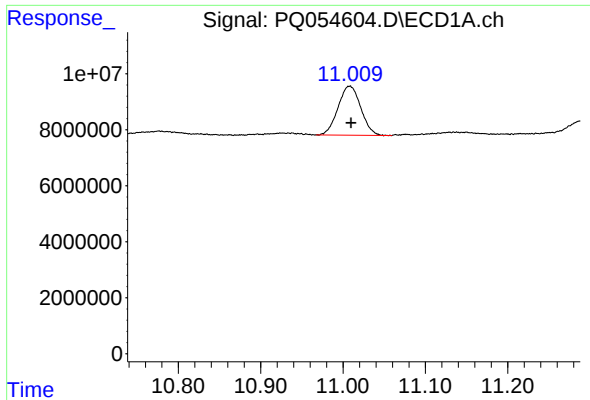
#44 AR-1268-4

R.T.: 10.566 min
Delta R.T.: 0.000 min
Response: 62844733
Conc: 73.65 ng/ml



#44 AR-1268-4

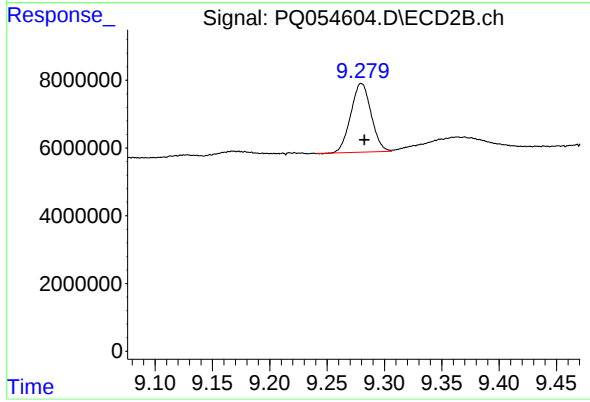
R.T.: 8.984 min
Delta R.T.: -0.003 min
Response: 38065407
Conc: 48.97 ng/ml



#45 AR-1268-5

R.T.: 11.008 min
Delta R.T.: -0.002 min
Response: 33713574
Conc: 5.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.280 min
Delta R.T.: -0.003 min
Response: 25039795
Conc: 4.35 ng/ml