

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071619\
 Data File : PQ041228.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2019 13:00
 Operator : SM\AJ
 Sample : K3832-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 14:26:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 13 02:14:45 2019
 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...	5.716	4.771	155.3E6	101.9E6	15.289	15.620
2)	SA Decachlor...	12.134	10.544	177.4E6	60473339	13.817	12.935
Target Compounds							
3)	L1 AR-1016-1	0.000	6.226	0	3245115	N.D.	12.932 #
4)	L1 AR-1016-2	0.000	6.249	0	3097882	N.D.	8.691 #
5)	L1 AR-1016-3	0.000	6.464	0	4452333	N.D.	23.958 #
6)	L1 AR-1016-4	0.000	6.517	0	6547984	N.D.	42.960 #
7)	L1 AR-1016-5	0.000	6.772	0	6818948	N.D.	35.811 #
10)	L2 AR-1221-3	0.000	5.358	0	2618500	N.D.	15.049 #
11)	L3 AR-1232-1	0.000	5.358	0	2618500	N.D.	19.095 #
12)	L3 AR-1232-2	0.000	6.249	0	3097882	N.D.	21.280 #
13)	L3 AR-1232-3	0.000	6.464	0	4452333	N.D.	59.801 #
14)	L3 AR-1232-4	0.000	6.566	0	7591549	N.D.	119.558 #
15)	L3 AR-1232-5	0.000	6.772	0	6818948	N.D.	99.435 #
16)	L4 AR-1242-1	0.000	6.226	0	3245115	N.D.	11.284 #
17)	L4 AR-1242-2	0.000	6.249	0	3097882	N.D.	7.470 #
18)	L4 AR-1242-3	0.000	6.464	0	4452333	N.D.	20.863 #
19)	L4 AR-1242-4	0.000	6.566	0	7591549	N.D.	38.412 #
20)	L4 AR-1242-5	8.155	7.180	14409029	12874231	30.041	43.351 #
21)	L5 AR-1248-1	0.000	6.226	0	3245115	N.D.	16.610 #
22)	L5 AR-1248-2	0.000	6.517	0	6547984	N.D.	25.636 #
23)	L5 AR-1248-3	0.000	6.566	0	7591549	N.D.	29.128 #
24)	L5 AR-1248-4	8.155	6.772	14409029	6818948	24.208	21.489
25)	L5 AR-1248-5	8.155	7.228	14409029	4359562	24.638	13.059 #
26)	L6 AR-1254-1	8.120	7.180	13147612	12874231	25.493	35.612 #
27)	L6 AR-1254-2	8.361	7.347	29732213	13959104	46.105	45.680
28)	L6 AR-1254-3	8.756	7.796	61710437	43048845	84.357	86.827
29)	L6 AR-1254-4	9.057	8.044	39662833	30515731	62.703	89.541 #
30)	L6 AR-1254-5	9.496	8.491	94066669	90302300	162.882	215.299 #
31)	L7 AR-1260-1	8.927	7.938	43094467	40499658	81.483	119.194 #
32)	L7 AR-1260-2	9.194	8.140	101.5E6	37358348	135.432	84.008 #
33)	L7 AR-1260-3	9.573	8.306	26627327	25541775	41.509	68.491 #
34)	L7 AR-1260-4	9.809	8.805	52009744	9845520	85.721	32.739 #
35)	L7 AR-1260-5	10.167	9.055	69162162	20915827	48.464	28.245 #
36)	L8 AR-1262-1	9.573	8.528	26627327	19970776	26.496	36.749 #
37)	L8 AR-1262-2	10.167	9.055	69162162	20915827	38.790	23.690 #
38)	L8 AR-1262-3	10.523	9.351	34888679	5291459	29.985	15.178 #
39)	L8 AR-1262-4	0.000	9.417	0	14000973	N.D.	22.833 #
40)	L8 AR-1262-5	0.000	9.941	0	4733626	N.D.	18.072 #
41)	L9 AR-1268-1	10.523	9.351	34888679	5291459	17.072	5.816 #
42)	L9 AR-1268-2	0.000	9.417	0	14000973	N.D.	17.327 #
44)	L9 AR-1268-4	0.000	9.941	0	4733626	N.D.	17.185 #

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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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
45) L9	AR-1268-5	0.000	10.262	0	5471657	N.D.	3.091 #

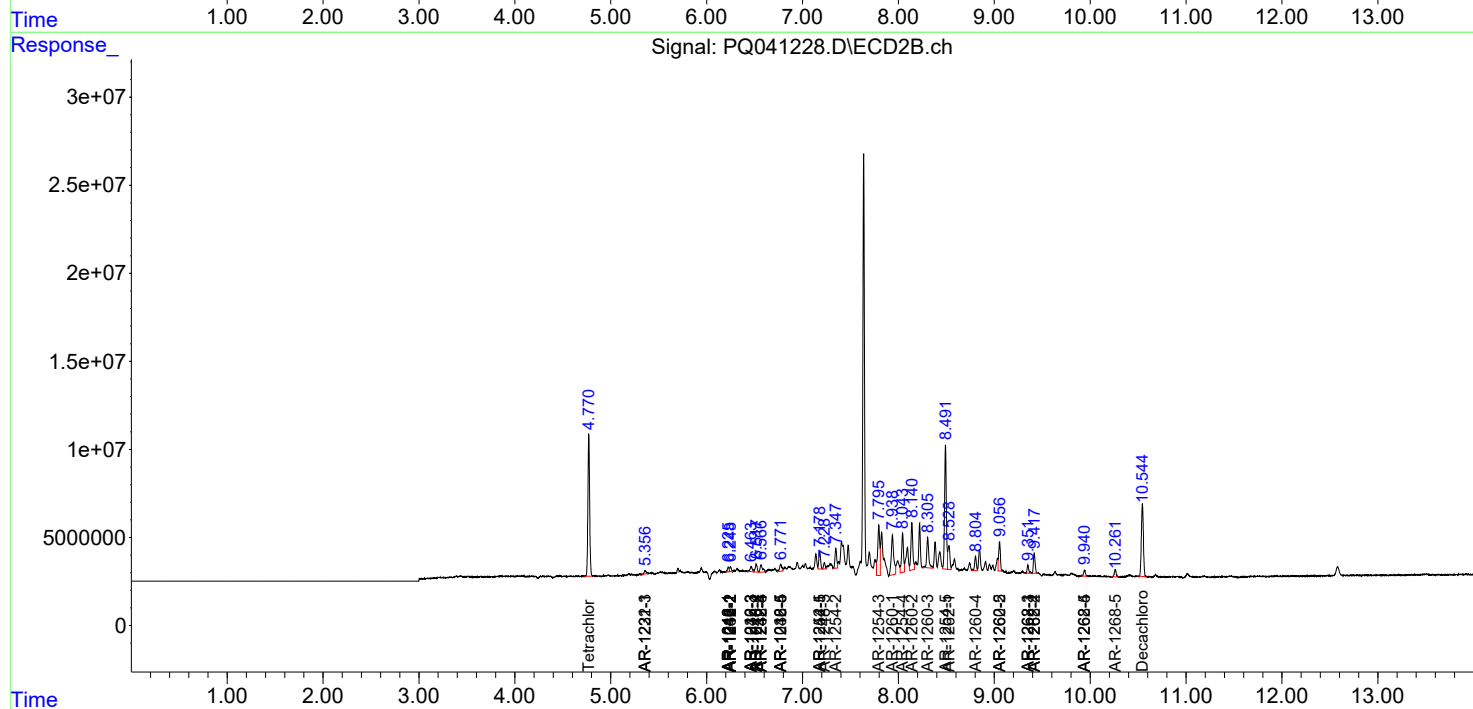
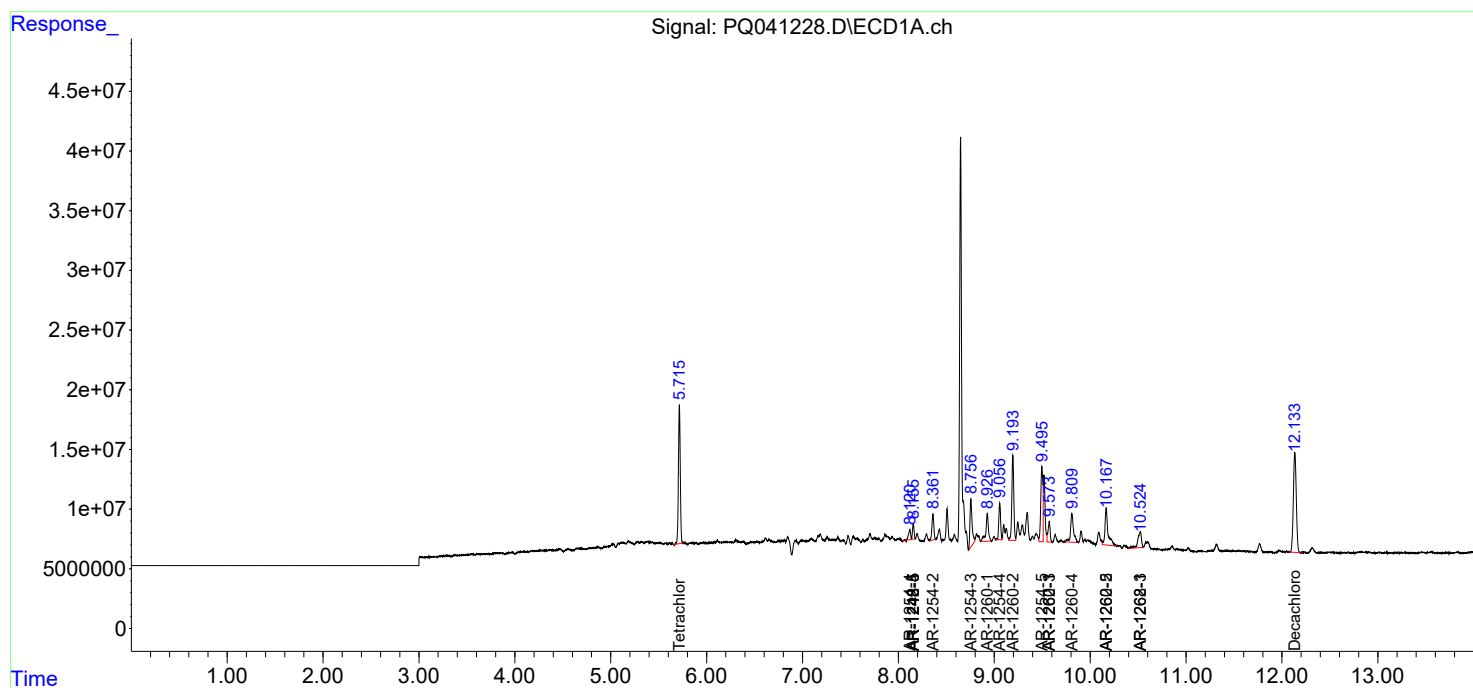
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

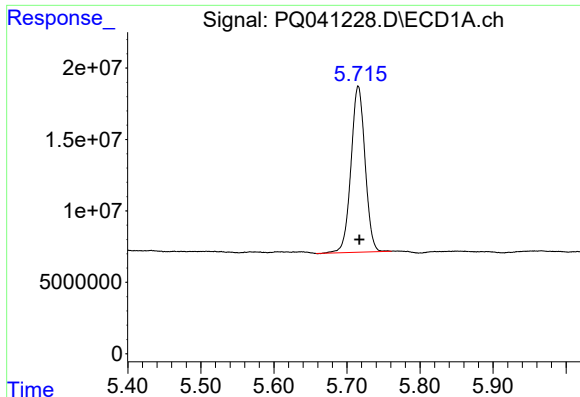
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071619\
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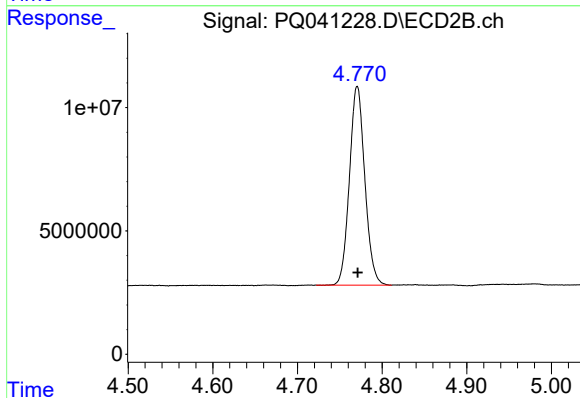




#1 Tetrachloro-m-xylene

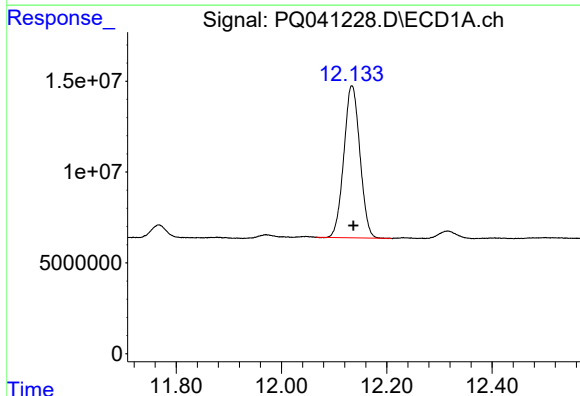
R.T.: 5.716 min
Delta R.T.: -0.001 min
Response: 155303624
Conc: 15.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



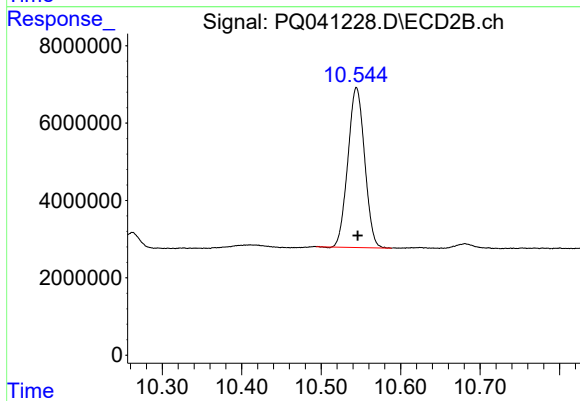
#1 Tetrachloro-m-xylene

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 101858998
Conc: 15.62 ng/ml



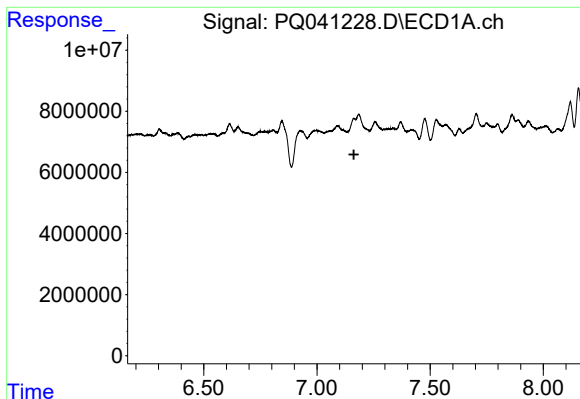
#2 Decachlorobiphenyl

R.T.: 12.134 min
Delta R.T.: -0.003 min
Response: 177443770
Conc: 13.82 ng/ml



#2 Decachlorobiphenyl

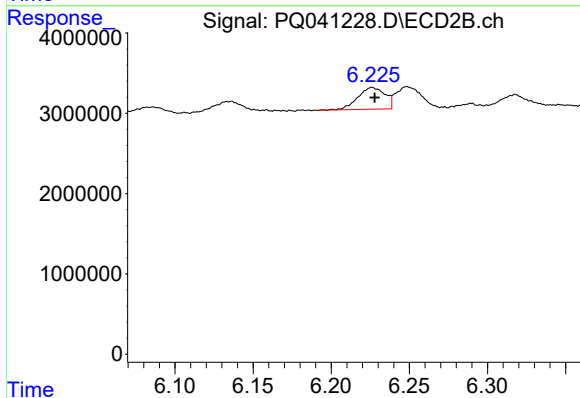
R.T.: 10.544 min
Delta R.T.: -0.002 min
Response: 60473339
Conc: 12.94 ng/ml



#3 AR-1016-1

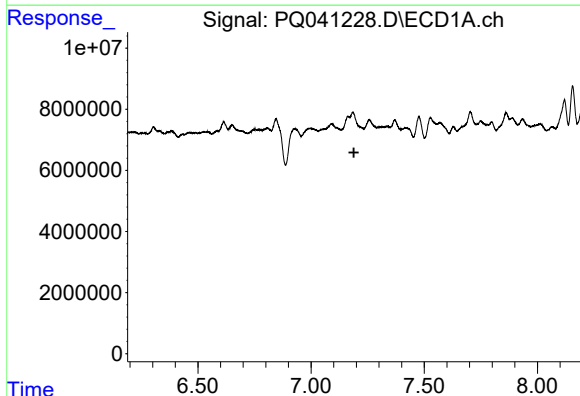
R.T.: 0.000 min
Exp R.T.: 7.163 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



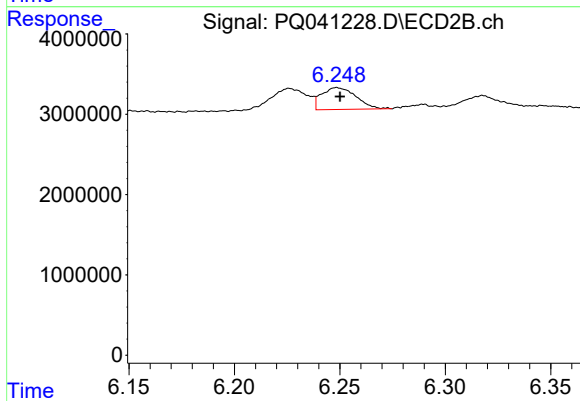
#3 AR-1016-1

R.T.: 6.226 min
Delta R.T.: -0.002 min
Response: 3245115
Conc: 12.93 ng/ml



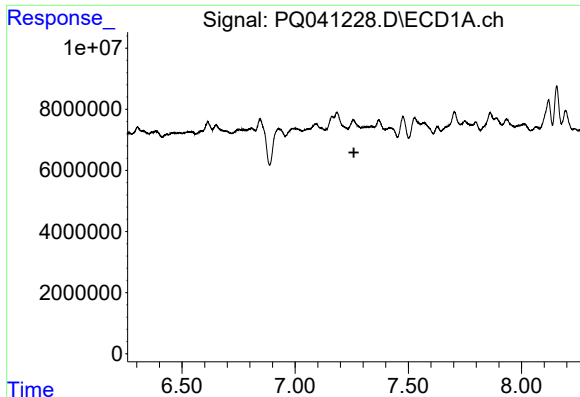
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 7.189 min
Response: 0
Conc: N.D.



#4 AR-1016-2

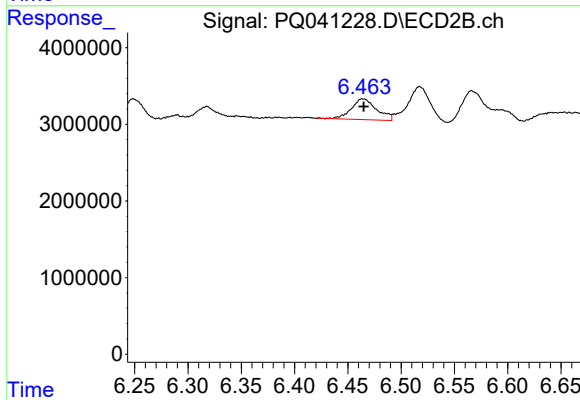
R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 3097882
Conc: 8.69 ng/ml



#5 AR-1016-3

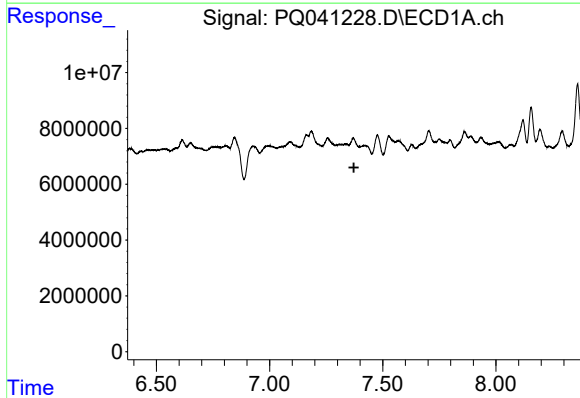
R.T.: 0.000 min
Exp R.T.: 7.259 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



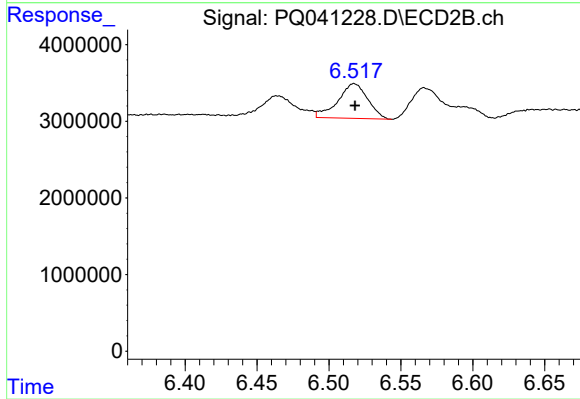
#5 AR-1016-3

R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 4452333
Conc: 23.96 ng/ml



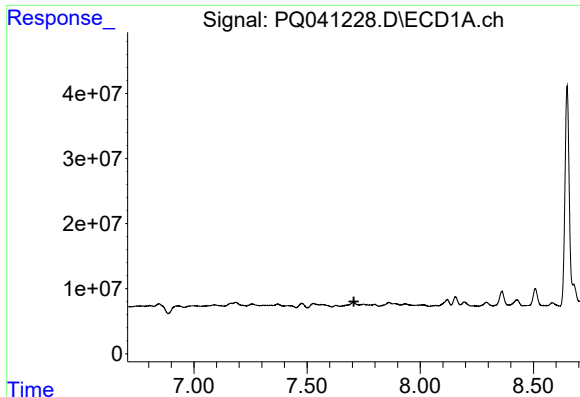
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 7.372 min
Response: 0
Conc: N.D.



#6 AR-1016-4

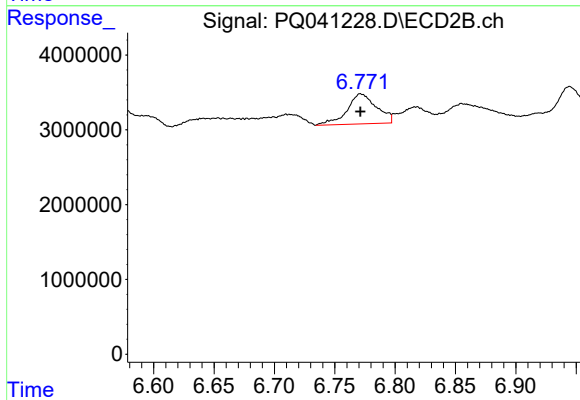
R.T.: 6.517 min
Delta R.T.: 0.000 min
Response: 6547984
Conc: 42.96 ng/ml



#7 AR-1016-5

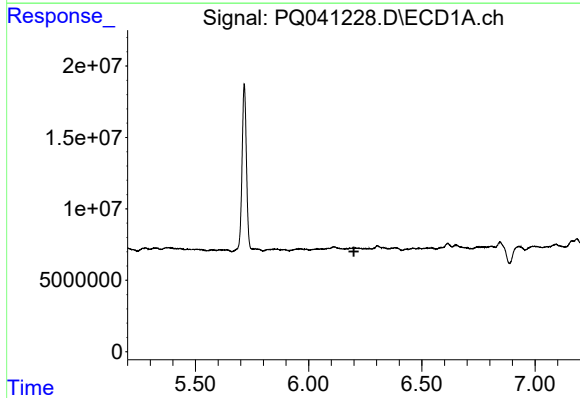
R.T.: 0.000 min
Exp R.T.: 7.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



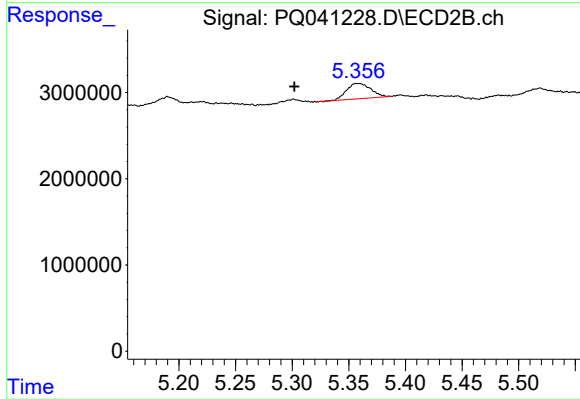
#7 AR-1016-5

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 6818948
Conc: 35.81 ng/ml



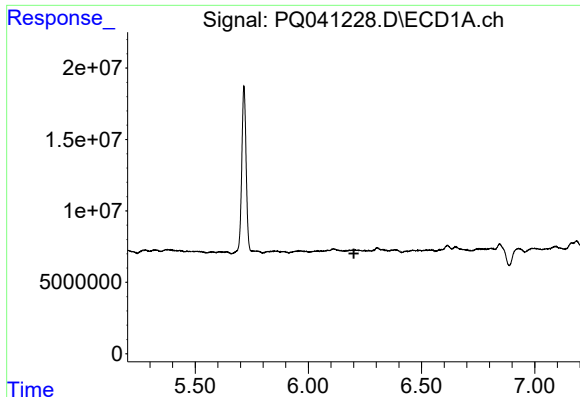
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 6.200 min
Response: 0
Conc: N.D.



#10 AR-1221-3

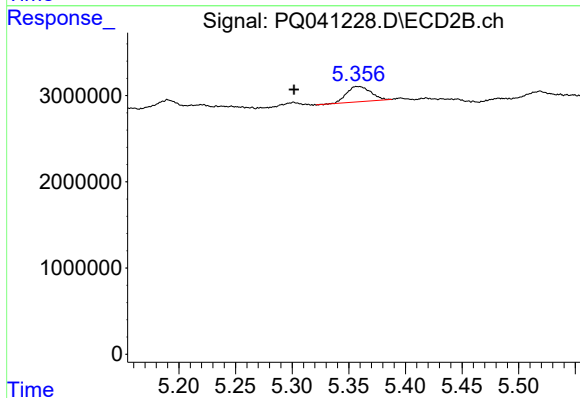
R.T.: 5.358 min
Delta R.T.: 0.056 min
Response: 2618500
Conc: 15.05 ng/ml



#11 AR-1232-1

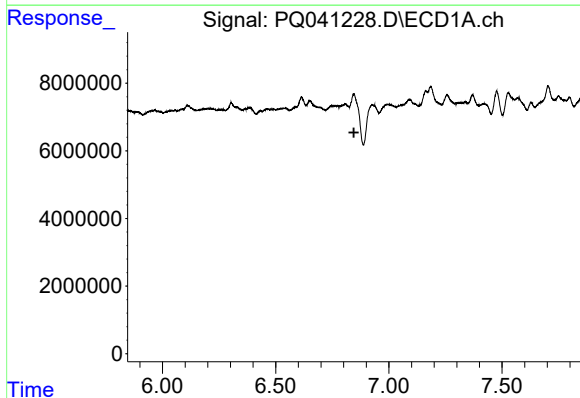
R.T.: 0.000 min
Exp R.T. : 6.201 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



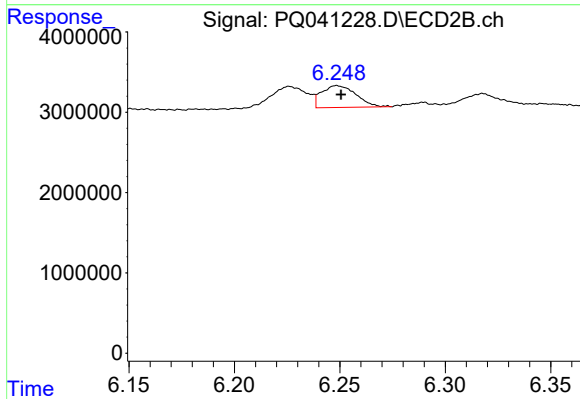
#11 AR-1232-1

R.T.: 5.358 min
Delta R.T.: 0.056 min
Response: 2618500
Conc: 19.09 ng/ml



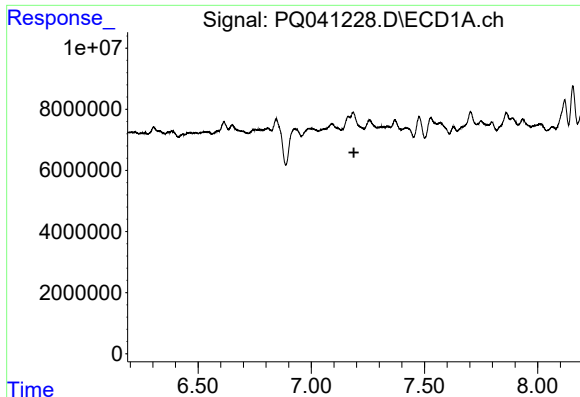
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.846 min
Response: 0
Conc: N.D.



#12 AR-1232-2

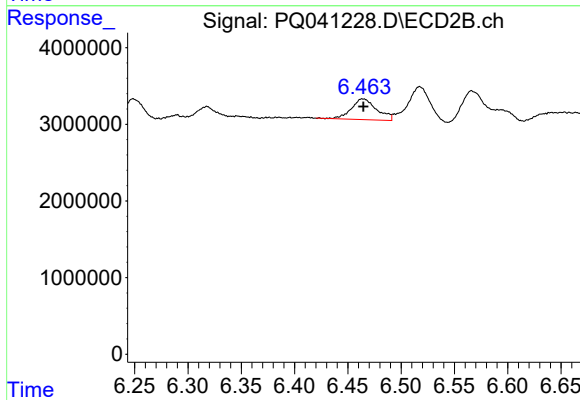
R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 3097882
Conc: 21.28 ng/ml



#13 AR-1232-3

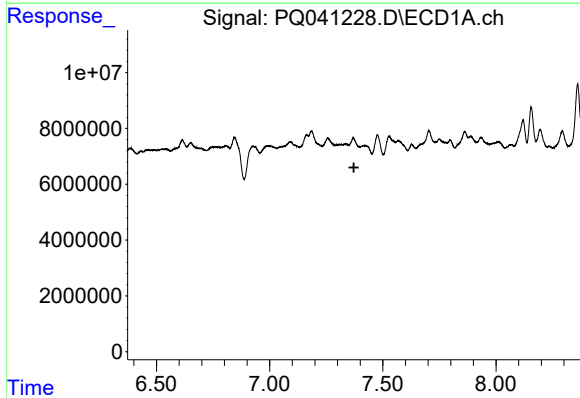
R.T.: 0.000 min
Exp R.T.: 7.188 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



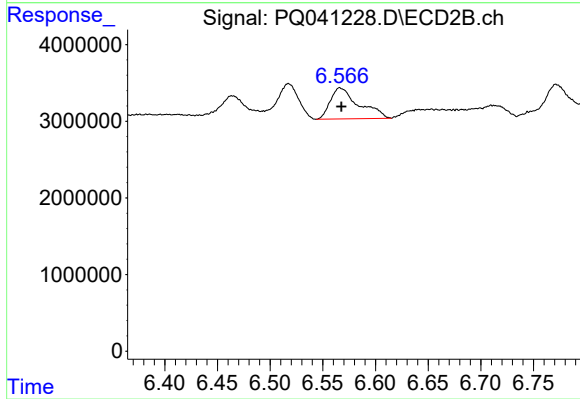
#13 AR-1232-3

R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 4452333
Conc: 59.80 ng/ml



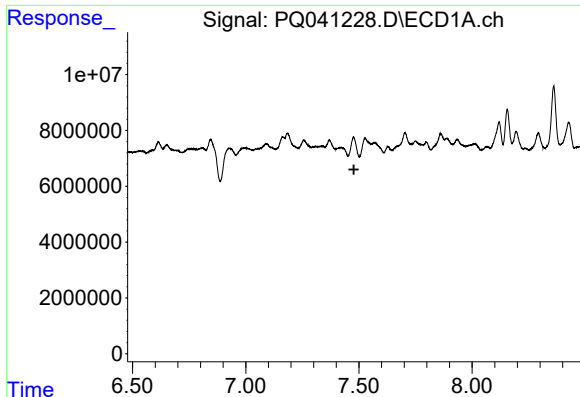
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 7.372 min
Response: 0
Conc: N.D.



#14 AR-1232-4

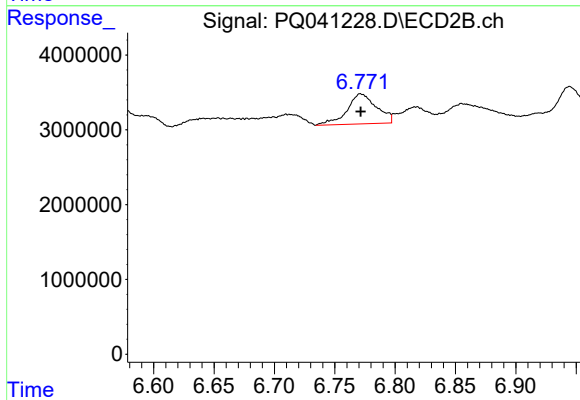
R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 7591549
Conc: 119.56 ng/ml



#15 AR-1232-5

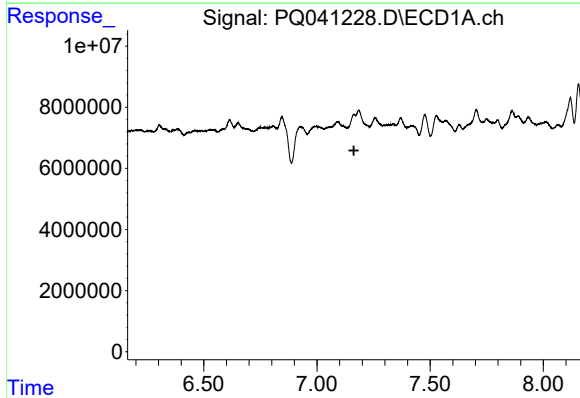
R.T.: 0.000 min
Exp R.T. : 7.478 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



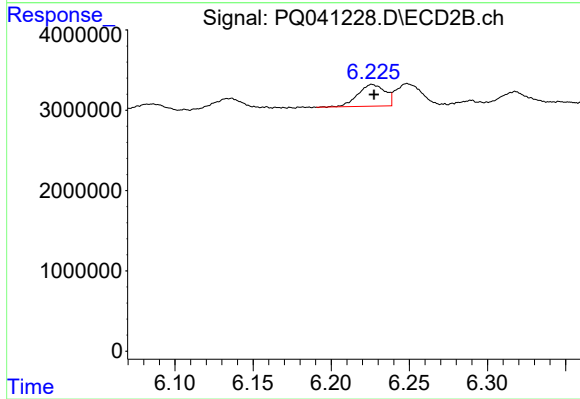
#15 AR-1232-5

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 6818948
Conc: 99.44 ng/ml



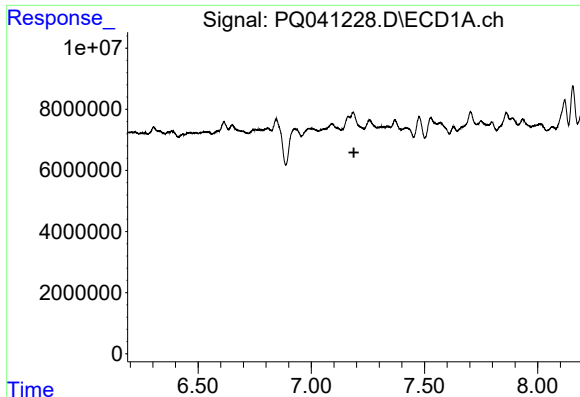
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 7.163 min
Response: 0
Conc: N.D.



#16 AR-1242-1

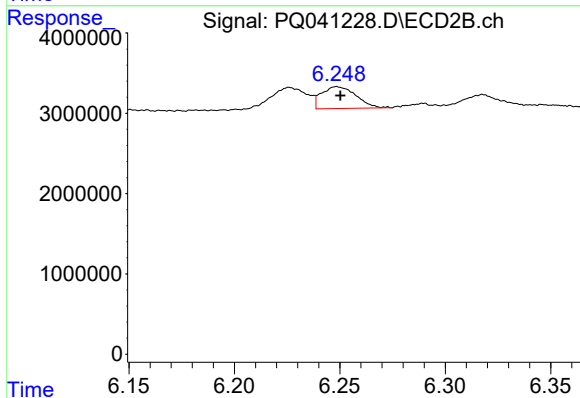
R.T.: 6.226 min
Delta R.T.: -0.001 min
Response: 3245115
Conc: 11.28 ng/ml



#17 AR-1242-2

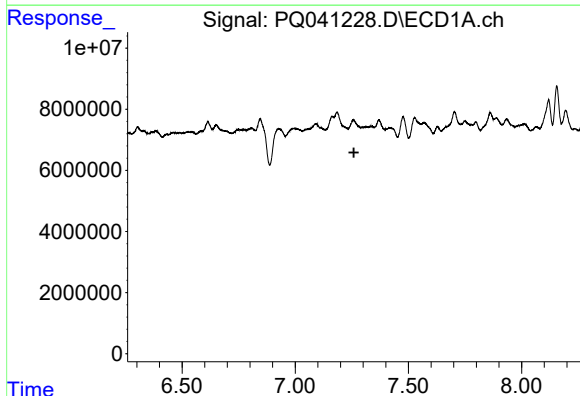
R.T.: 0.000 min
Exp R.T.: 7.188 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



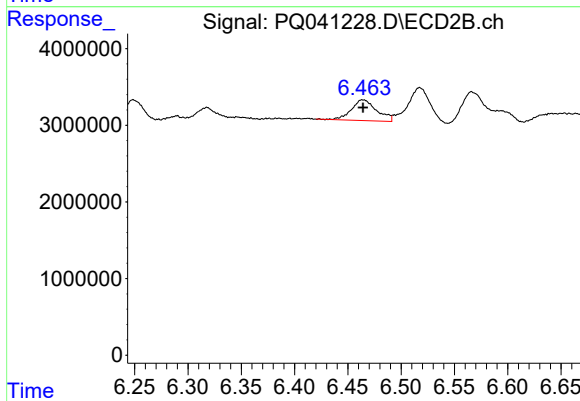
#17 AR-1242-2

R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 3097882
Conc: 7.47 ng/ml



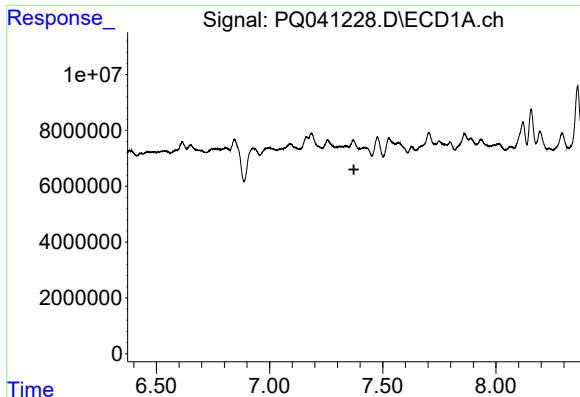
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 7.259 min
Response: 0
Conc: N.D.



#18 AR-1242-3

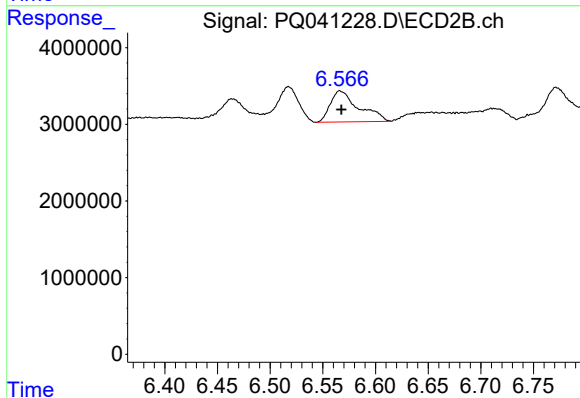
R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 4452333
Conc: 20.86 ng/ml



#19 AR-1242-4

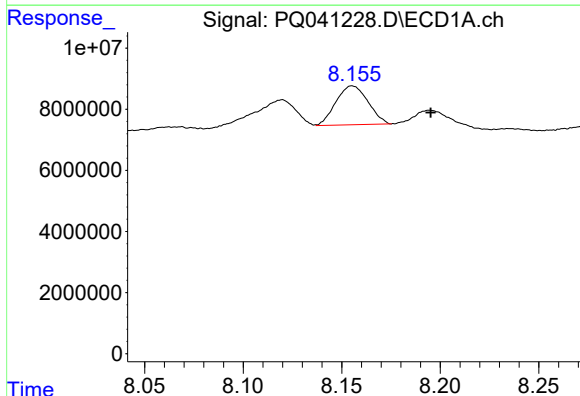
R.T.: 0.000 min
Exp R.T.: 7.373 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



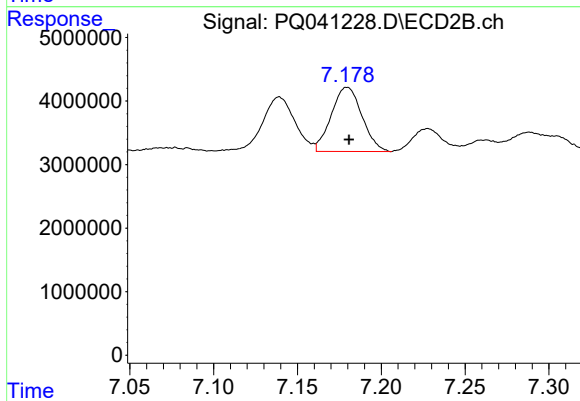
#19 AR-1242-4

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 7591549
Conc: 38.41 ng/ml



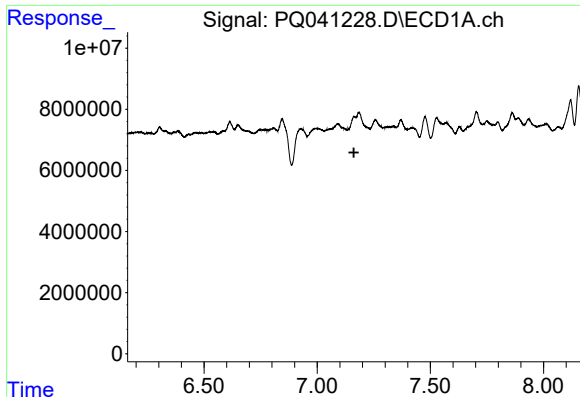
#20 AR-1242-5

R.T.: 8.155 min
Delta R.T.: -0.040 min
Response: 14409029
Conc: 30.04 ng/ml



#20 AR-1242-5

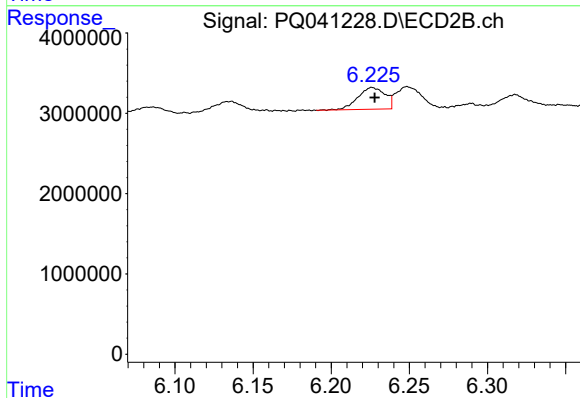
R.T.: 7.180 min
Delta R.T.: -0.001 min
Response: 12874231
Conc: 43.35 ng/ml



#21 AR-1248-1

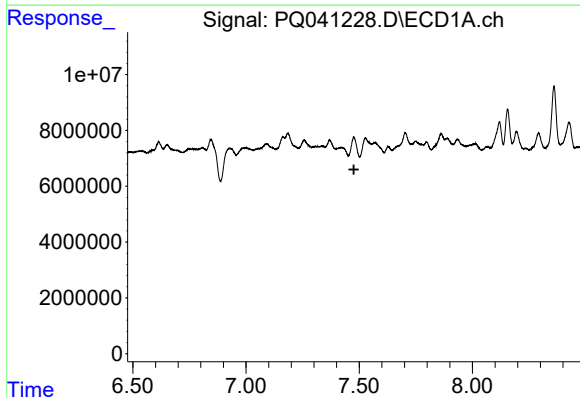
R.T.: 0.000 min
Exp R.T.: 7.162 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



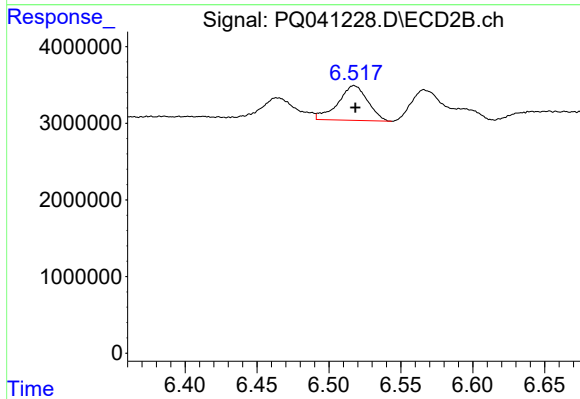
#21 AR-1248-1

R.T.: 6.226 min
Delta R.T.: -0.002 min
Response: 3245115
Conc: 16.61 ng/ml



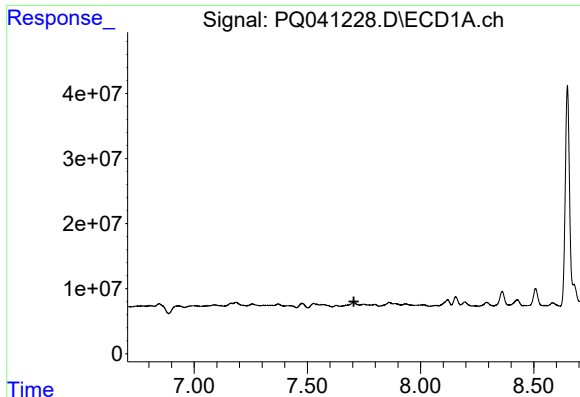
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 7.477 min
Response: 0
Conc: N.D.



#22 AR-1248-2

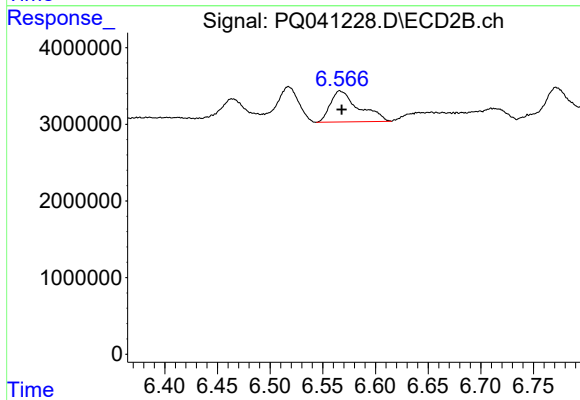
R.T.: 6.517 min
Delta R.T.: 0.000 min
Response: 6547984
Conc: 25.64 ng/ml



#23 AR-1248-3

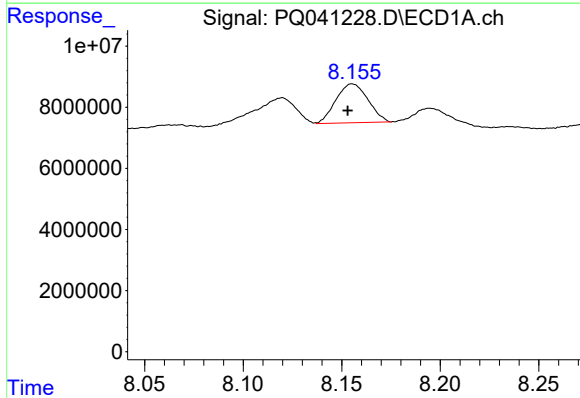
R.T.: 0.000 min
Exp R.T.: 7.705 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



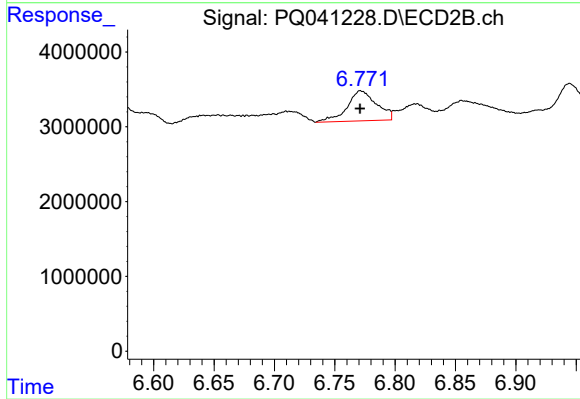
#23 AR-1248-3

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 7591549
Conc: 29.13 ng/ml



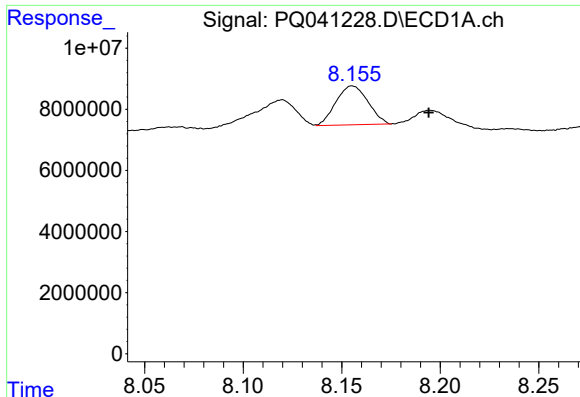
#24 AR-1248-4

R.T.: 8.155 min
Delta R.T.: 0.002 min
Response: 14409029
Conc: 24.21 ng/ml



#24 AR-1248-4

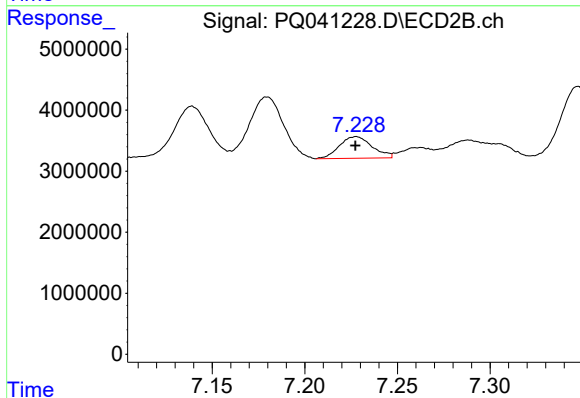
R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 6818948
Conc: 21.49 ng/ml



#25 AR-1248-5

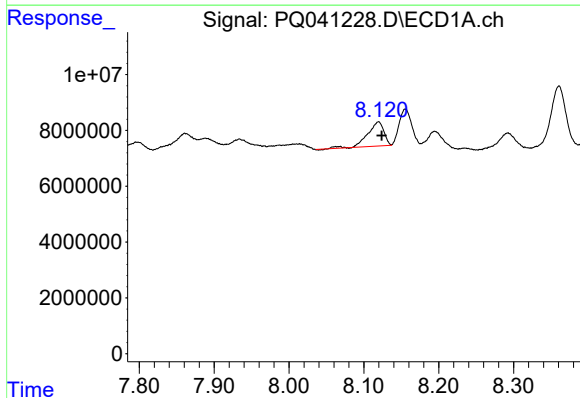
R.T.: 8.155 min
Delta R.T.: -0.039 min
Response: 14409029
Conc: 24.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



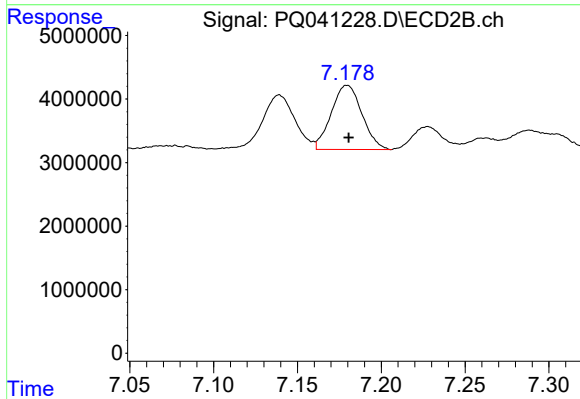
#25 AR-1248-5

R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 4359562
Conc: 13.06 ng/ml



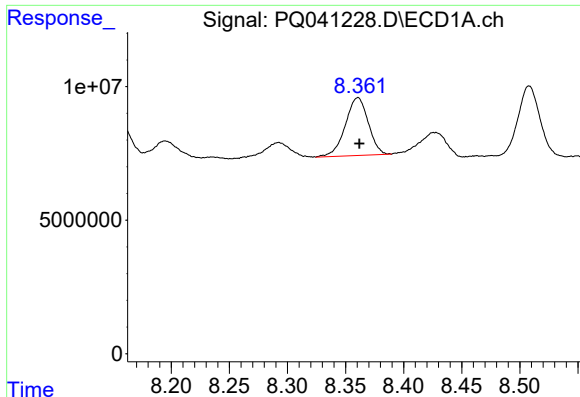
#26 AR-1254-1

R.T.: 8.120 min
Delta R.T.: -0.005 min
Response: 13147612
Conc: 25.49 ng/ml



#26 AR-1254-1

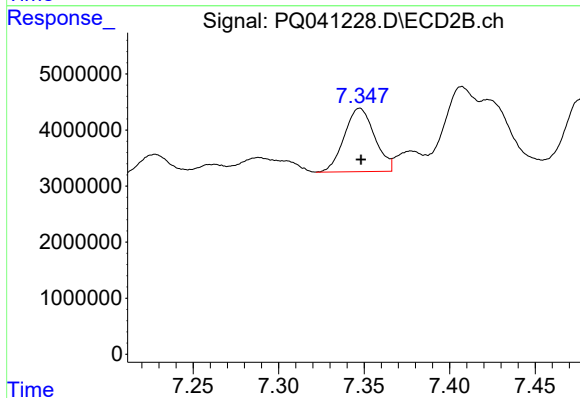
R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 12874231
Conc: 35.61 ng/ml



#27 AR-1254-2

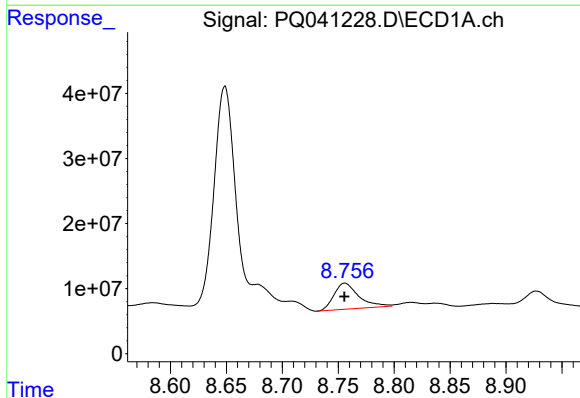
R.T.: 8.361 min
Delta R.T.: -0.001 min
Response: 29732213
Conc: 46.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



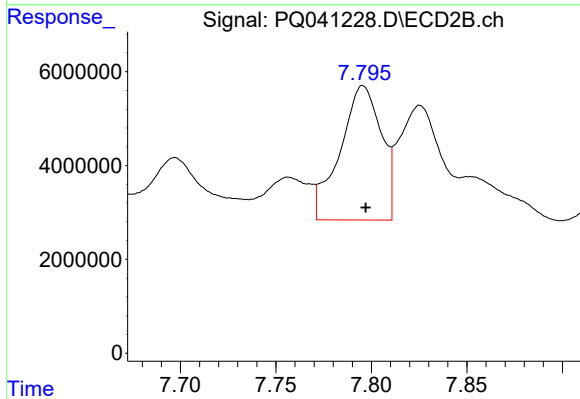
#27 AR-1254-2

R.T.: 7.347 min
Delta R.T.: 0.000 min
Response: 13959104
Conc: 45.68 ng/ml



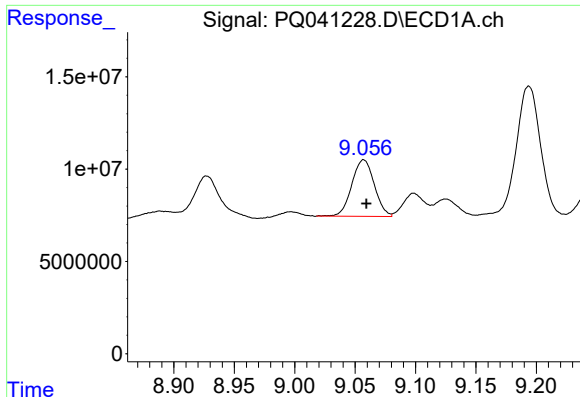
#28 AR-1254-3

R.T.: 8.756 min
Delta R.T.: 0.000 min
Response: 61710437
Conc: 84.36 ng/ml



#28 AR-1254-3

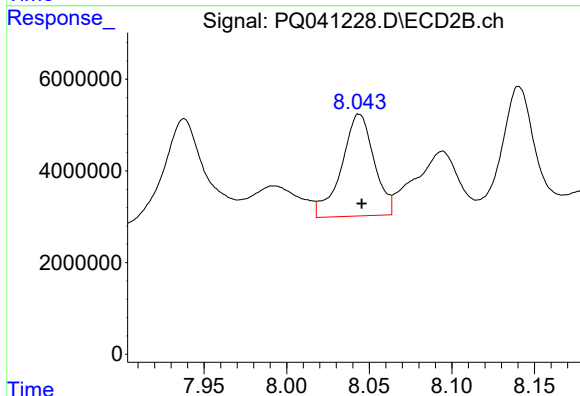
R.T.: 7.796 min
Delta R.T.: -0.001 min
Response: 43048845
Conc: 86.83 ng/ml



#29 AR-1254-4

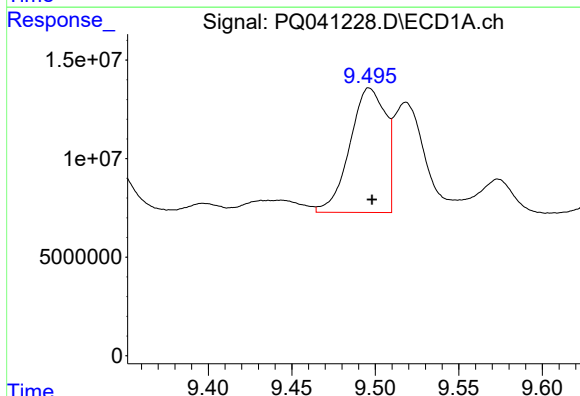
R.T.: 9.057 min
Delta R.T.: -0.002 min
Response: 39662833
Conc: 62.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



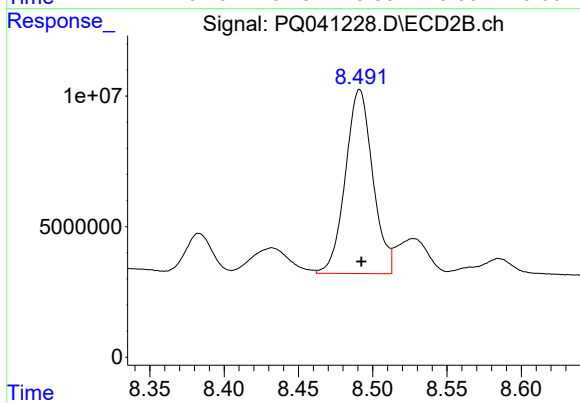
#29 AR-1254-4

R.T.: 8.044 min
Delta R.T.: -0.002 min
Response: 30515731
Conc: 89.54 ng/ml



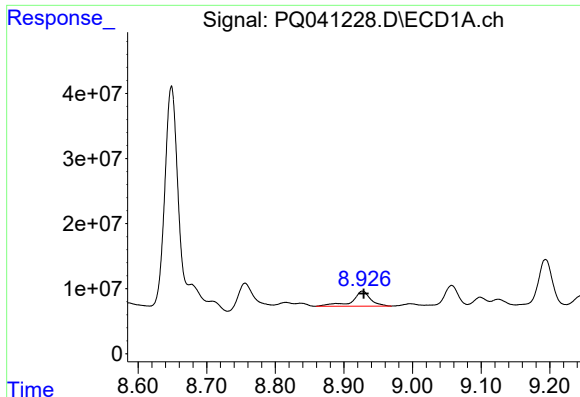
#30 AR-1254-5

R.T.: 9.496 min
Delta R.T.: -0.002 min
Response: 94066669
Conc: 162.88 ng/ml



#30 AR-1254-5

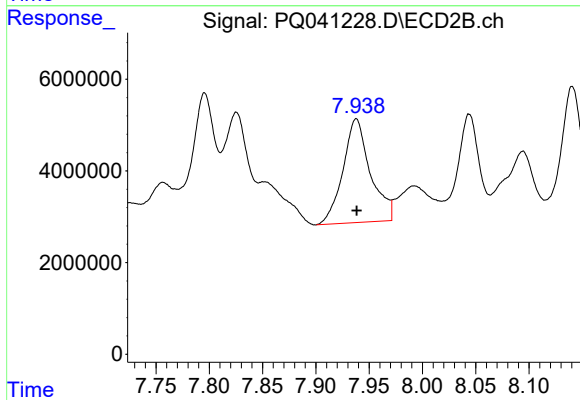
R.T.: 8.491 min
Delta R.T.: -0.001 min
Response: 90302300
Conc: 215.30 ng/ml



#31 AR-1260-1

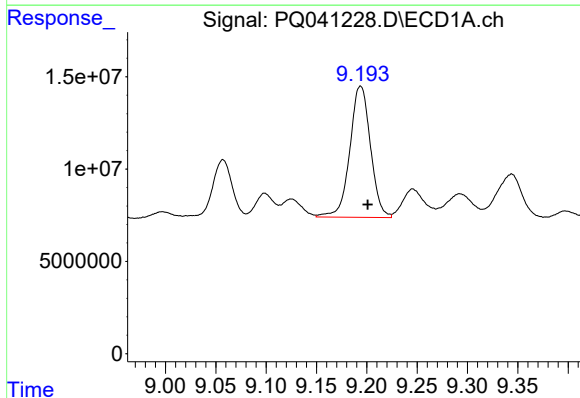
R.T.: 8.927 min
Delta R.T.: -0.002 min
Response: 43094467
Conc: 81.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



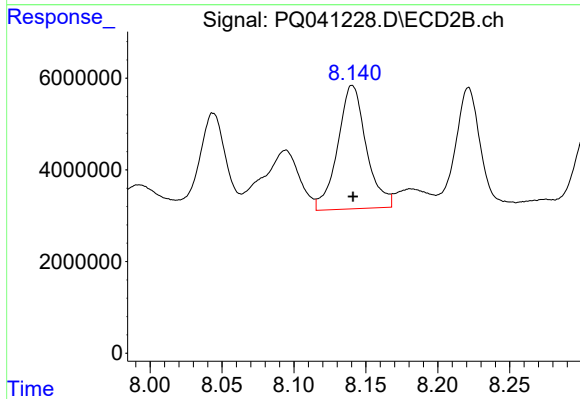
#31 AR-1260-1

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 40499658
Conc: 119.19 ng/ml



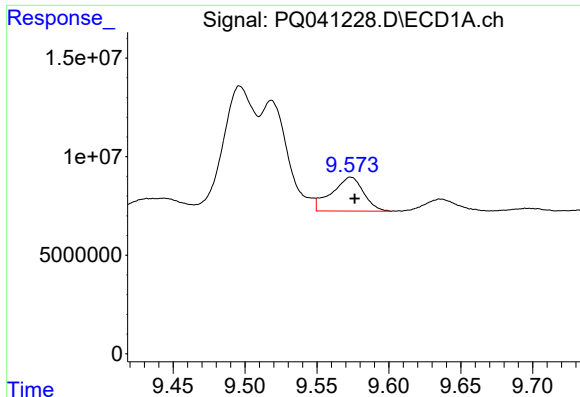
#32 AR-1260-2

R.T.: 9.194 min
Delta R.T.: -0.007 min
Response: 101510947
Conc: 135.43 ng/ml



#32 AR-1260-2

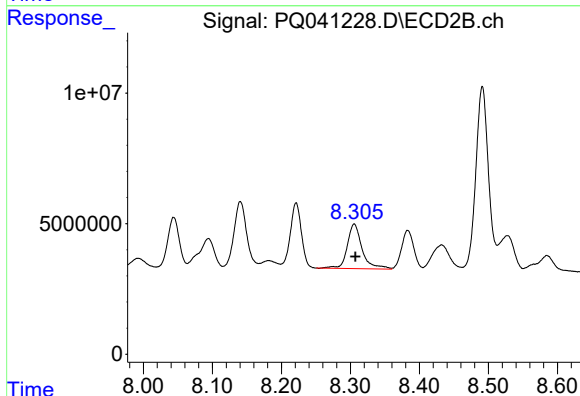
R.T.: 8.140 min
Delta R.T.: 0.000 min
Response: 37358348
Conc: 84.01 ng/ml



#33 AR-1260-3

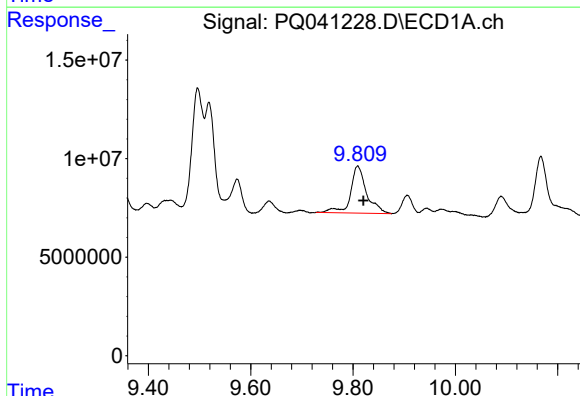
R.T.: 9.573 min
Delta R.T.: -0.003 min
Response: 26627327
Conc: 41.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



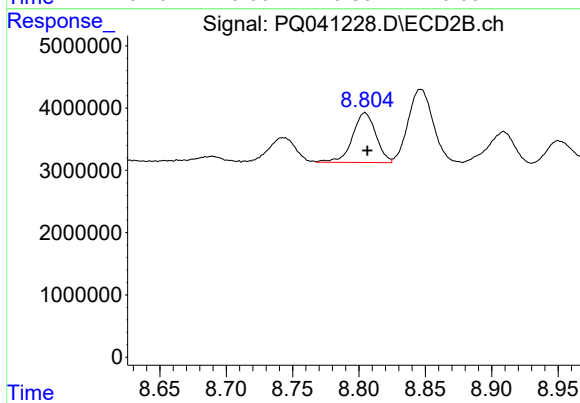
#33 AR-1260-3

R.T.: 8.306 min
Delta R.T.: -0.002 min
Response: 25541775
Conc: 68.49 ng/ml



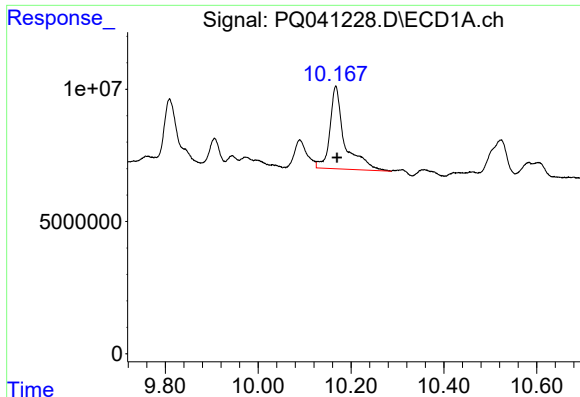
#34 AR-1260-4

R.T.: 9.809 min
Delta R.T.: -0.011 min
Response: 52009744
Conc: 85.72 ng/ml



#34 AR-1260-4

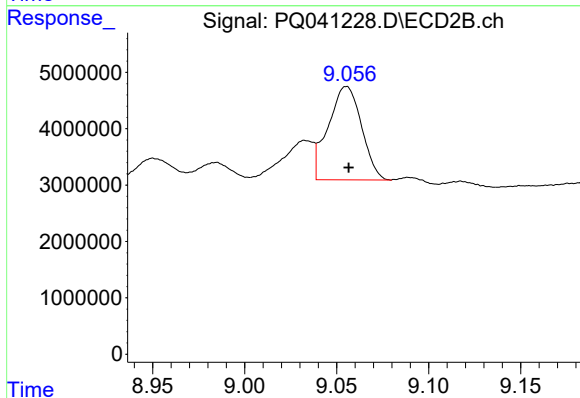
R.T.: 8.805 min
Delta R.T.: -0.002 min
Response: 9845520
Conc: 32.74 ng/ml



#35 AR-1260-5

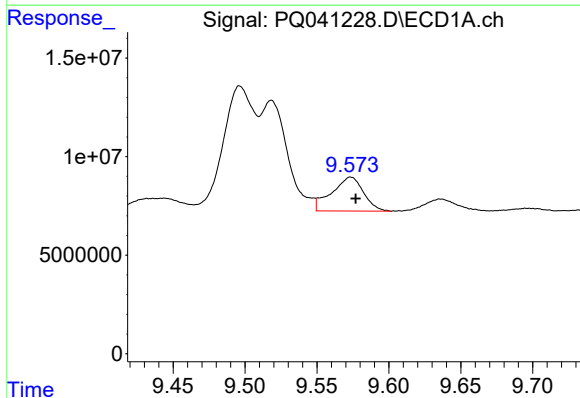
R.T.: 10.167 min
Delta R.T.: -0.002 min
Response: 69162162
Conc: 48.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



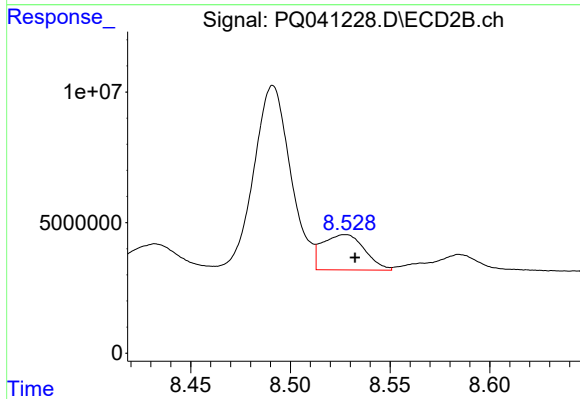
#35 AR-1260-5

R.T.: 9.055 min
Delta R.T.: -0.001 min
Response: 20915827
Conc: 28.25 ng/ml



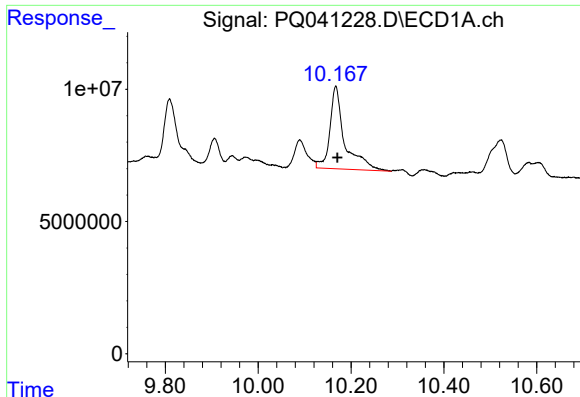
#36 AR-1262-1

R.T.: 9.573 min
Delta R.T.: -0.003 min
Response: 26627327
Conc: 26.50 ng/ml



#36 AR-1262-1

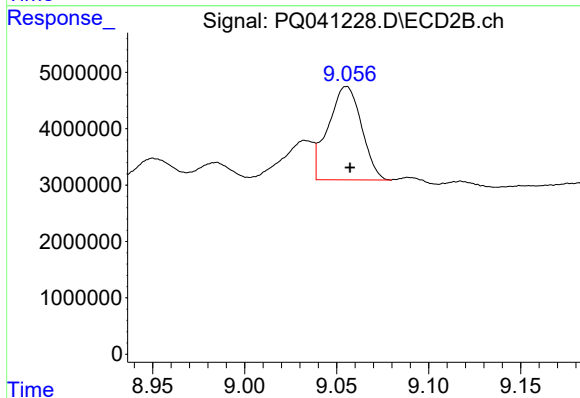
R.T.: 8.528 min
Delta R.T.: -0.005 min
Response: 19970776
Conc: 36.75 ng/ml



#37 AR-1262-2

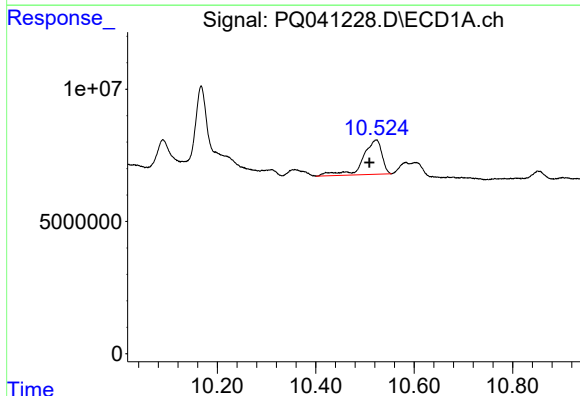
R.T.: 10.167 min
Delta R.T.: -0.004 min
Response: 69162162
Conc: 38.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



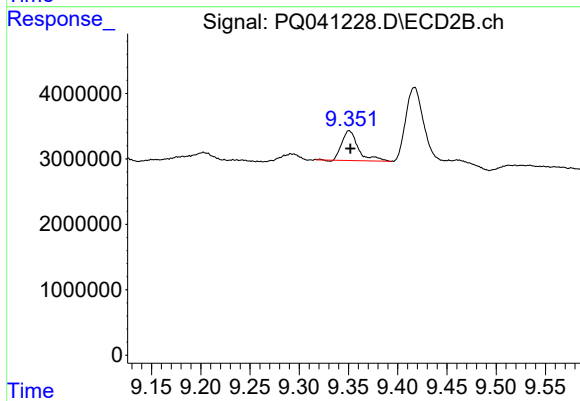
#37 AR-1262-2

R.T.: 9.055 min
Delta R.T.: -0.002 min
Response: 20915827
Conc: 23.69 ng/ml



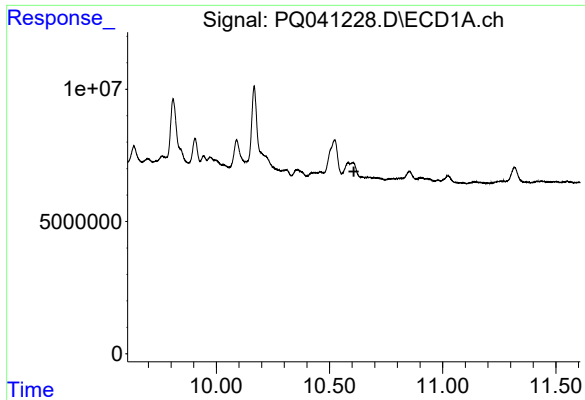
#38 AR-1262-3

R.T.: 10.523 min
Delta R.T.: 0.014 min
Response: 34888679
Conc: 29.99 ng/ml



#38 AR-1262-3

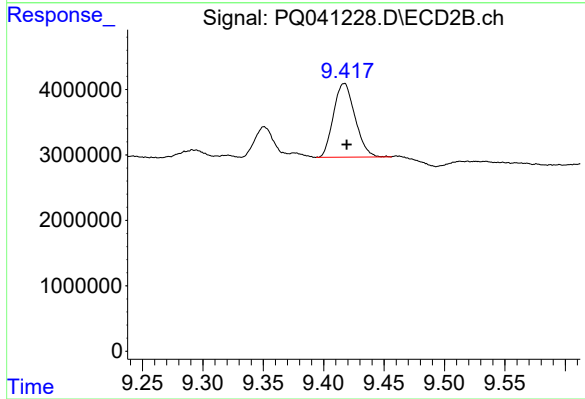
R.T.: 9.351 min
Delta R.T.: -0.001 min
Response: 5291459
Conc: 15.18 ng/ml



#39 AR-1262-4

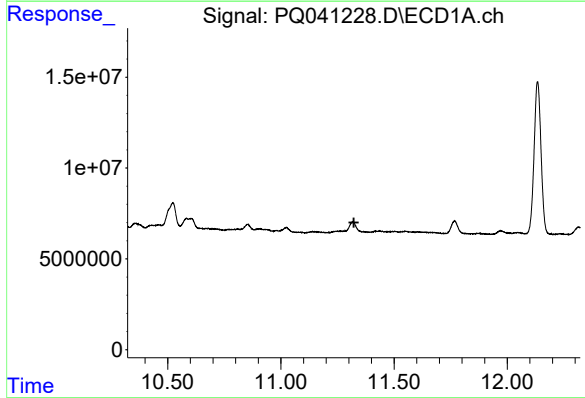
R.T.: 0.000 min
Exp R.T.: 10.608 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



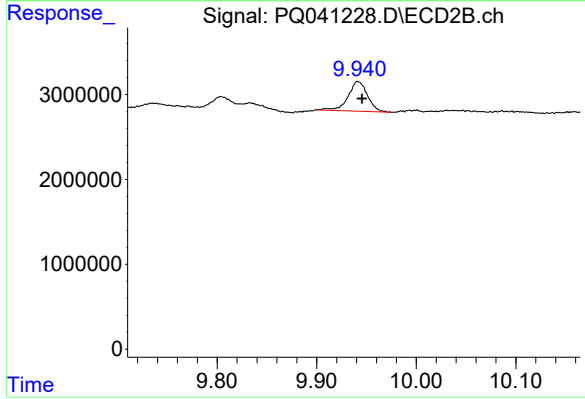
#39 AR-1262-4

R.T.: 9.417 min
Delta R.T.: -0.002 min
Response: 14000973
Conc: 22.83 ng/ml



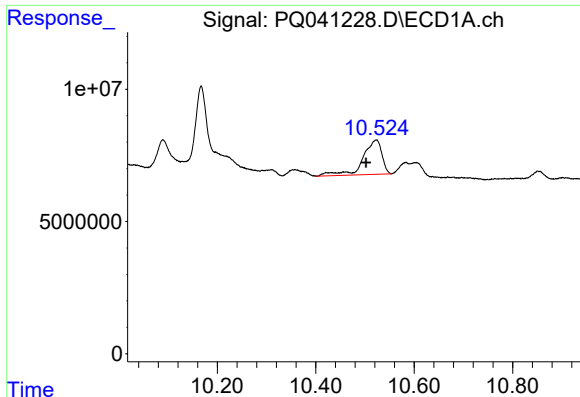
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.323 min
Response: 0
Conc: N.D.



#40 AR-1262-5

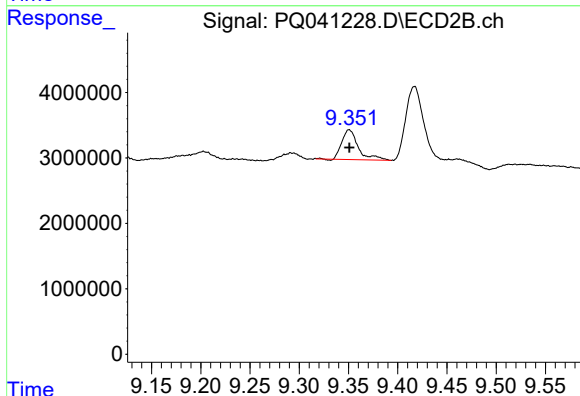
R.T.: 9.941 min
Delta R.T.: -0.004 min
Response: 4733626
Conc: 18.07 ng/ml



#41 AR-1268-1

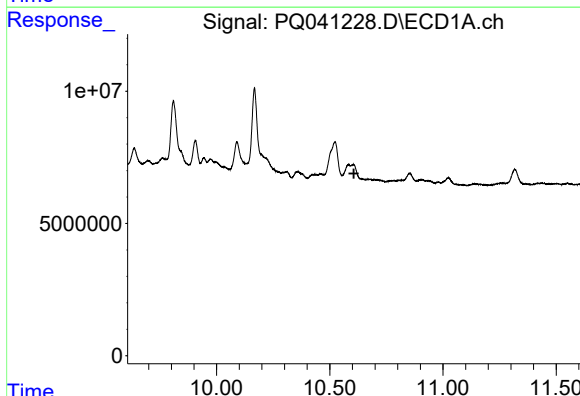
R.T.: 10.523 min
Delta R.T.: 0.021 min
Response: 34888679
Conc: 17.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



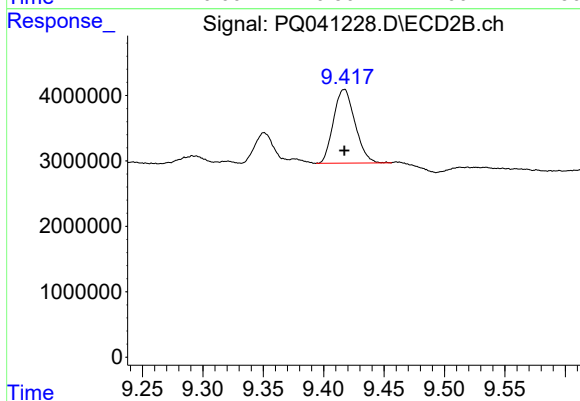
#41 AR-1268-1

R.T.: 9.351 min
Delta R.T.: 0.000 min
Response: 5291459
Conc: 5.82 ng/ml



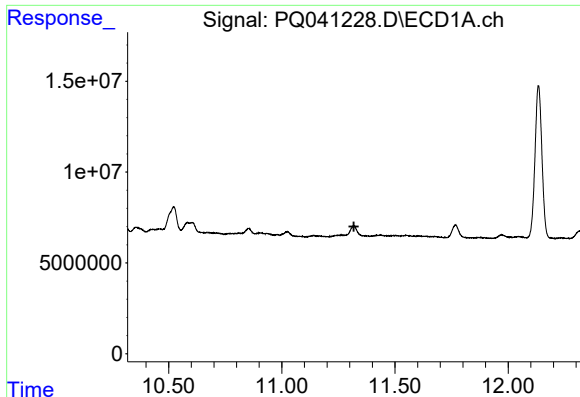
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 10.606 min
Response: 0
Conc: N.D.



#42 AR-1268-2

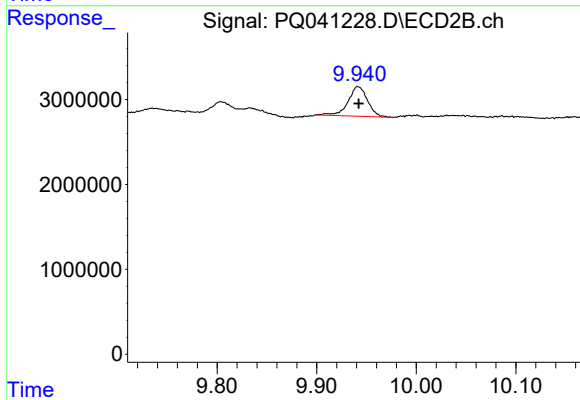
R.T.: 9.417 min
Delta R.T.: 0.000 min
Response: 14000973
Conc: 17.33 ng/ml



#44 AR-1268-4

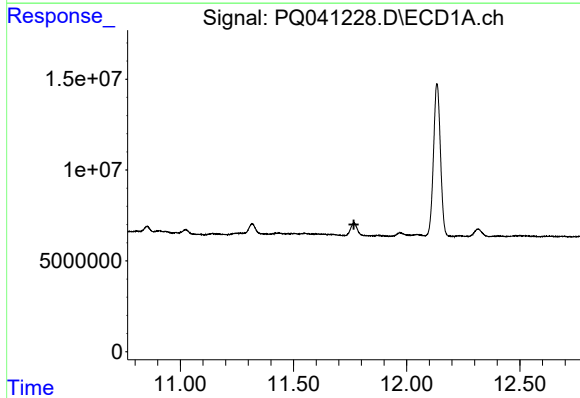
R.T.: 0.000 min
Exp R.T. : 11.318 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



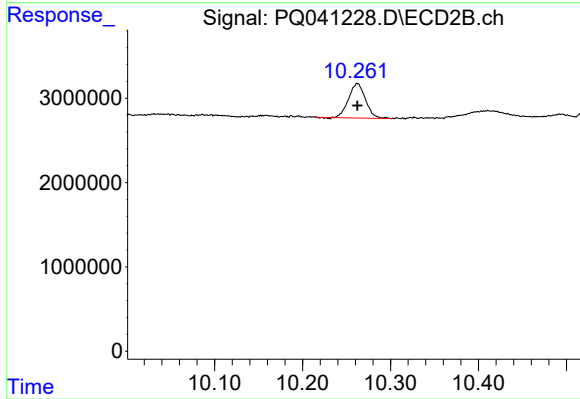
#44 AR-1268-4

R.T.: 9.941 min
Delta R.T.: 0.000 min
Response: 4733626
Conc: 17.19 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.767 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.262 min
Delta R.T.: 0.000 min
Response: 5471657
Conc: 3.09 ng/ml