

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121119\
 Data File : PQ045738.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2019 11:51
 Operator : SM\AJ
 Sample : K6144-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 12:33:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 11 11:57:47 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...	5.241	4.370	32894559	32347570	20.479	18.933
2)	SA Decachlor...	11.407	9.812	73736992	57417084	9.928	9.880
Target Compounds							
3)	L1 AR-1016-1	6.580	0.000	1205236	0	16.604	N.D. #
4)	L1 AR-1016-2	6.580	0.000	1205236	0	10.227	N.D. #
5)	L1 AR-1016-3	6.682	0.000	1012041	0	14.407	N.D. #
7)	L1 AR-1016-5	7.051	6.180	2005305	6608606	30.013	93.830 #
9)	L2 AR-1221-2	5.593	0.000	1124846	0	89.412	N.D. #
10)	L2 AR-1221-3	5.691	0.000	1294005	0	30.233	N.D. #
11)	L3 AR-1232-1	5.691	0.000	1294005	0	21.818	N.D. #
12)	L3 AR-1232-2	6.236	0.000	6352661	0	183.197	N.D. #
13)	L3 AR-1232-3	6.580	0.000	1205236	0	14.719	N.D. #
15)	L3 AR-1232-5	6.857	6.180	2952123	6608606	90.420	146.544 #
16)	L4 AR-1242-1	6.580	0.000	1205236	0	21.545	N.D. #
17)	L4 AR-1242-2	6.580	0.000	1205236	0	13.573	N.D. #
18)	L4 AR-1242-3	6.682	0.000	1012041	0	19.300	N.D. #
19)	L4 AR-1242-4	6.682	0.000	1012041	0	23.279	N.D. #
20)	L4 AR-1242-5	7.506	6.538	42521385	32934163	554.088	474.871
21)	L5 AR-1248-1	6.580	0.000	1205236	0	26.268	N.D. #
22)	L5 AR-1248-2	6.857	0.000	2952123	0	39.537	N.D. #
23)	L5 AR-1248-3	7.051	0.000	2005305	0	22.939	N.D. #
24)	L5 AR-1248-4	7.506	6.180	42521385	6608606	361.968	74.742 #
25)	L5 AR-1248-5	7.506	6.538	42521385	32934163	367.574	349.245
26)	L6 AR-1254-1	7.455	6.538	16646517	32934163	128.386	195.063 #
27)	L6 AR-1254-2	7.697	6.691	36307937	21758728	165.752	137.811
28)	L6 AR-1254-3	8.082	7.121	37513710	50013992	151.711	183.297
29)	L6 AR-1254-4	8.372	7.358	42605522	22768572	207.381	132.957 #
30)	L6 AR-1254-5	8.802	7.792	147.2E6	101.6E6	622.053	365.876 #
31)	L7 AR-1260-1	8.246	7.256	60695473	50648441	353.007	313.087
32)	L7 AR-1260-2	8.508	7.450	122.0E6	78875510	547.513	389.590 #
33)	L7 AR-1260-3	8.877	7.614	116.6E6	54929847	585.374	283.703 #
34)	L7 AR-1260-4	9.117	8.100	124.1E6	82068504	555.694	437.110
35)	L7 AR-1260-5	9.460	8.345	350.3E6	242.5E6	681.175	493.565 #
36)	L8 AR-1262-1	8.877	7.792	116.6E6	101.6E6	348.896	694.335 #
37)	L8 AR-1262-2	9.460	8.345	350.3E6	242.5E6	523.695	376.588 #
38)	L8 AR-1262-3	9.793	8.636	232.9E6	110.3E6	473.103	420.702
39)	L8 AR-1262-4	9.891	8.702	167.7E6	195.6E6	374.529	378.467
40)	L8 AR-1262-5	10.595	9.218	154.0E6	121.5E6	476.131	466.716
41)	L9 AR-1268-1	9.793	8.636	232.9E6	110.3E6	291.506	159.051 #
42)	L9 AR-1268-2	9.891	8.702	167.7E6	195.6E6	199.037	270.980 #
43)	L9 AR-1268-3	0.000	8.915	0	7744511	N.D.	13.866 #
44)	L9 AR-1268-4	10.595	9.218	154.0E6	121.5E6	479.936	460.692

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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	11.042	9.534	55678237	39761952	20.095	17.693

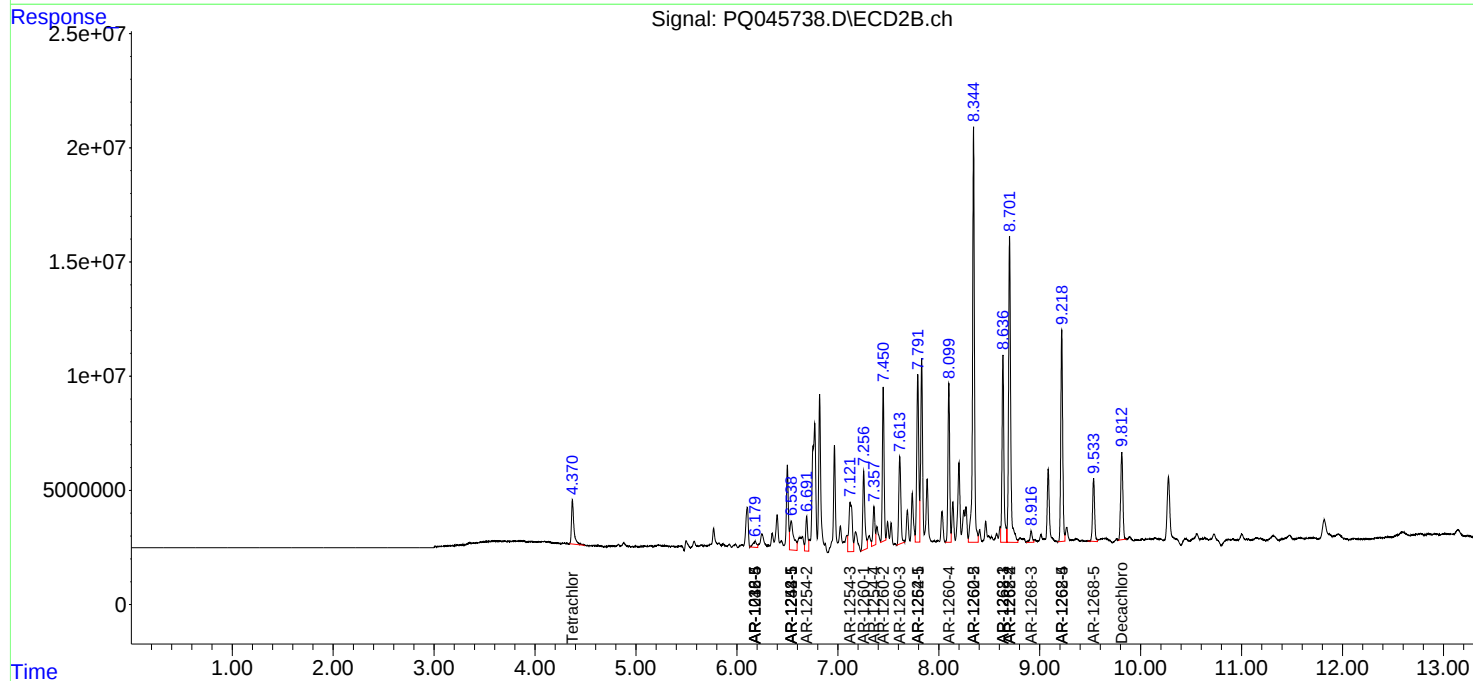
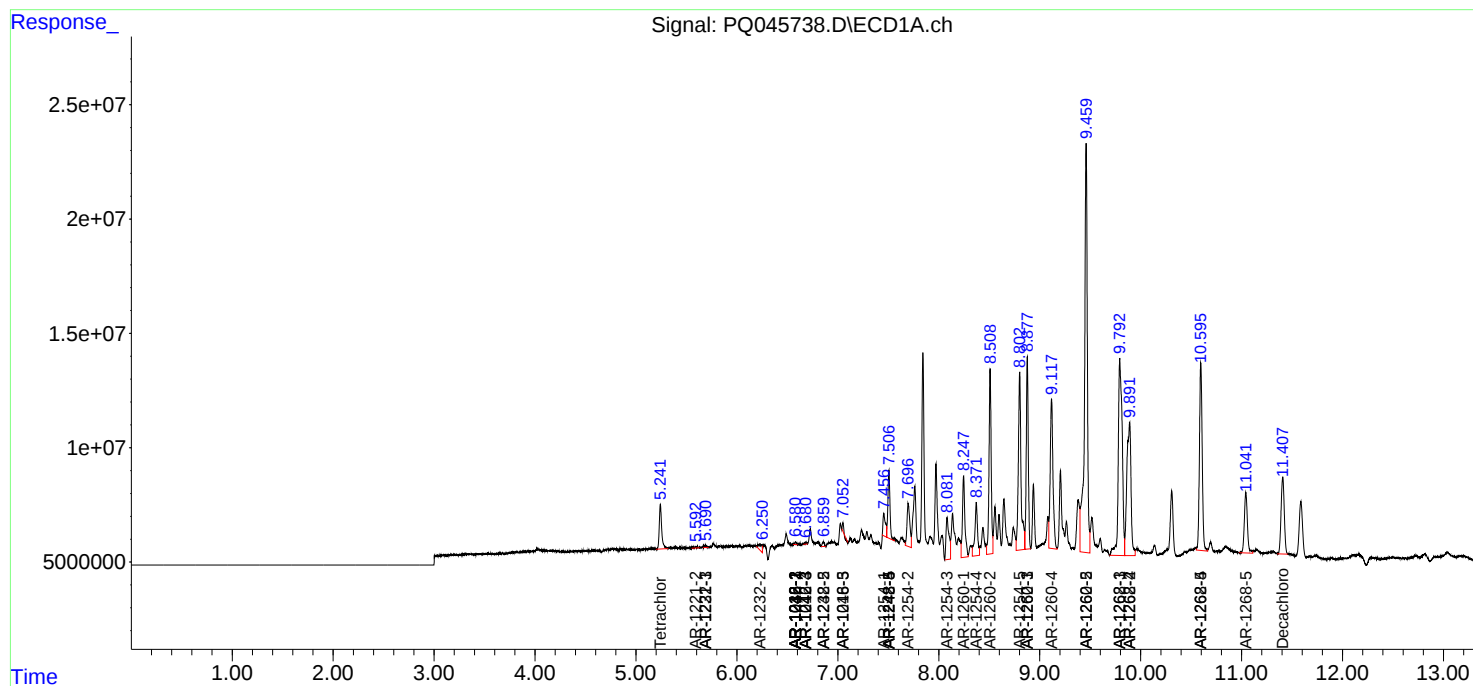
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

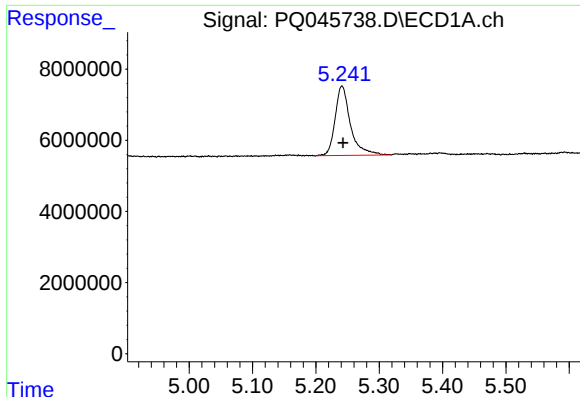
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121119\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

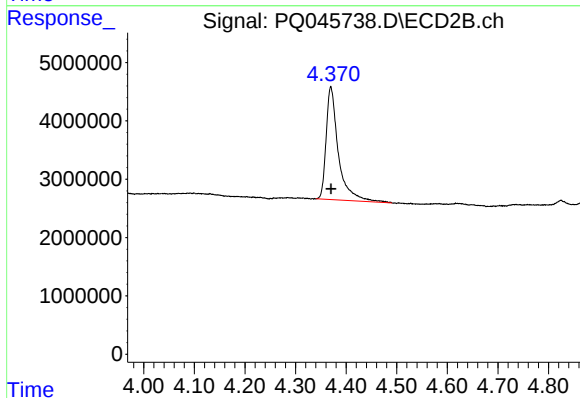




#1 Tetrachloro-m-xylene

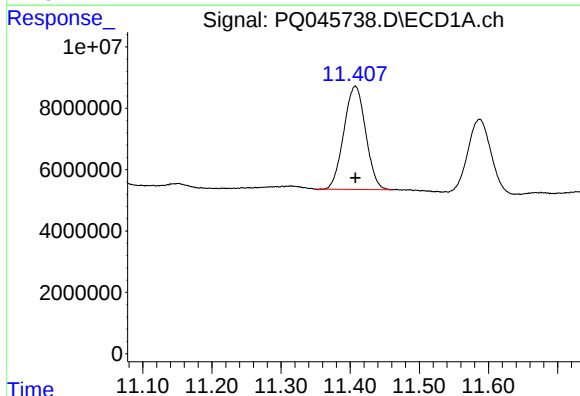
R.T.: 5.241 min
Delta R.T.: -0.002 min
Response: 32894559
Conc: 20.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



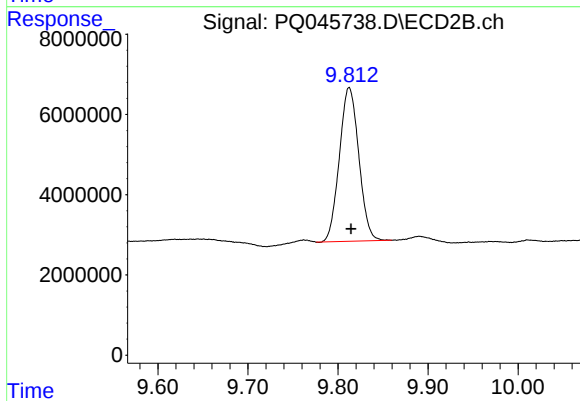
#1 Tetrachloro-m-xylene

R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 32347570
Conc: 18.93 ng/ml



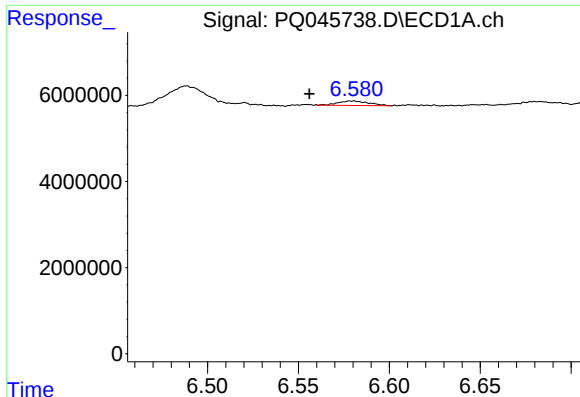
#2 Decachlorobiphenyl

R.T.: 11.407 min
Delta R.T.: 0.000 min
Response: 73736992
Conc: 9.93 ng/ml



#2 Decachlorobiphenyl

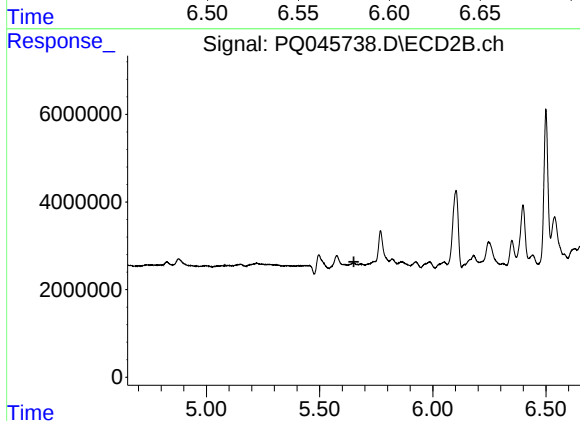
R.T.: 9.812 min
Delta R.T.: -0.002 min
Response: 57417084
Conc: 9.88 ng/ml



#3 AR-1016-1

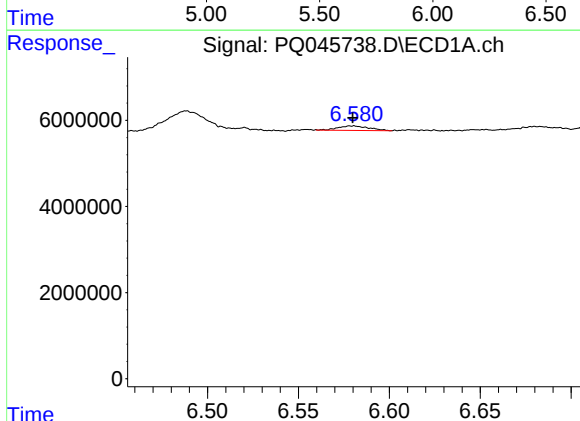
R.T.: 6.580 min
Delta R.T.: 0.024 min
Response: 1205236
Conc: 16.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



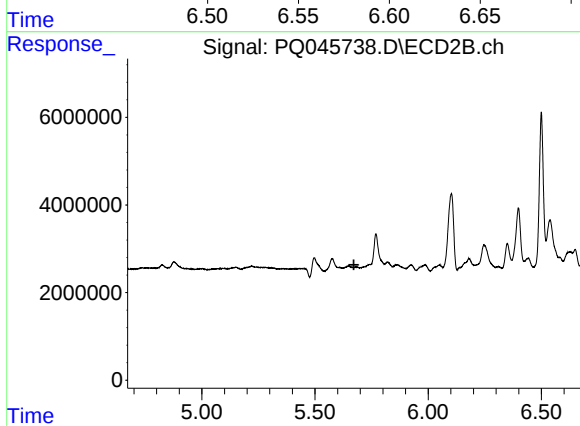
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.651 min
Response: 0
Conc: N.D.



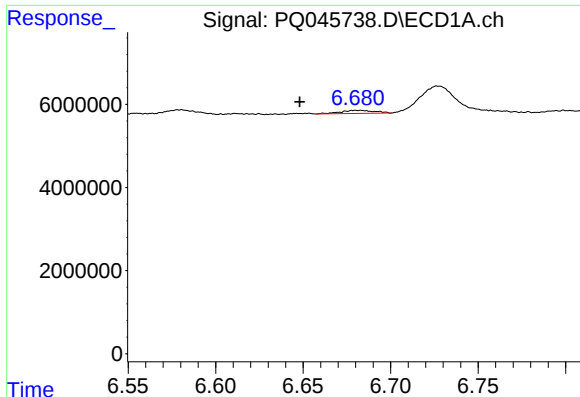
#4 AR-1016-2

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 1205236
Conc: 10.23 ng/ml



#4 AR-1016-2

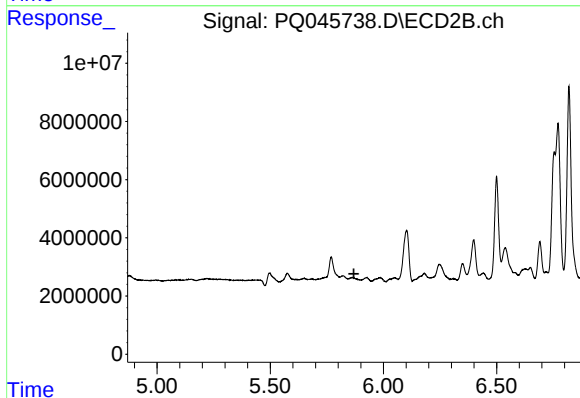
R.T.: 0.000 min
Exp R.T. : 5.672 min
Response: 0
Conc: N.D.



#5 AR-1016-3

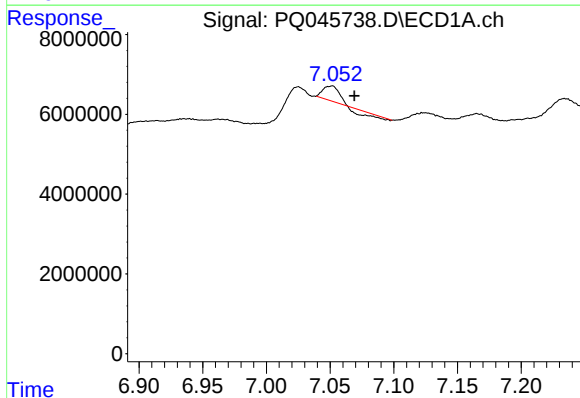
R.T.: 6.682 min
Delta R.T.: 0.034 min
Response: 1012041
Conc: 14.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



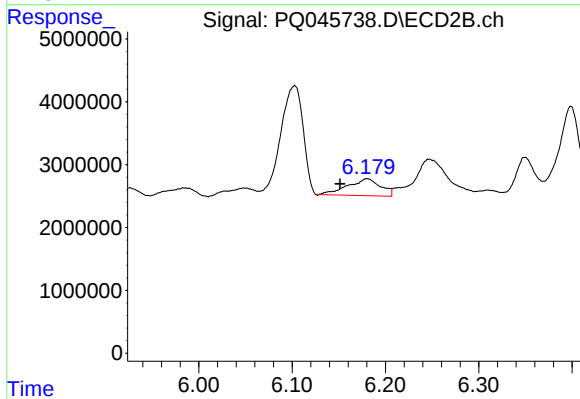
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.869 min
Response: 0
Conc: N.D.



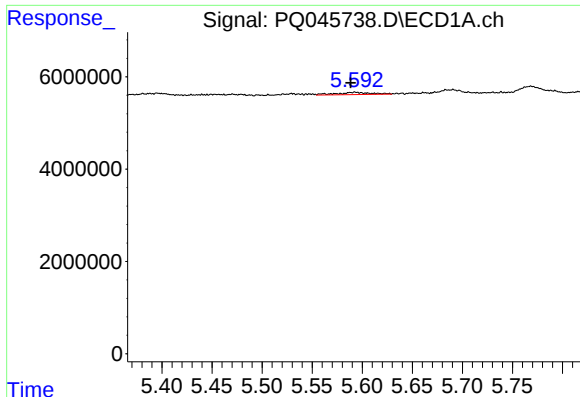
#7 AR-1016-5

R.T.: 7.051 min
Delta R.T.: -0.018 min
Response: 2005305
Conc: 30.01 ng/ml



#7 AR-1016-5

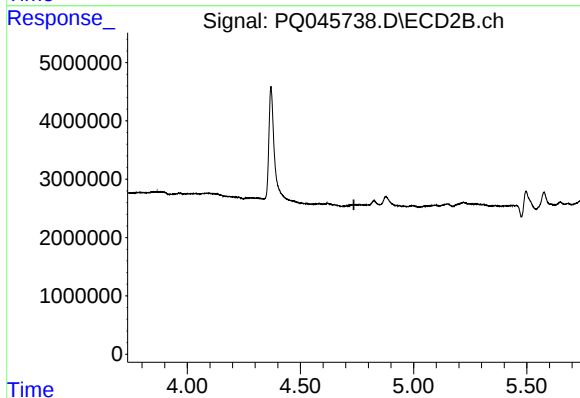
R.T.: 6.180 min
Delta R.T.: 0.029 min
Response: 6608606
Conc: 93.83 ng/ml



#9 AR-1221-2

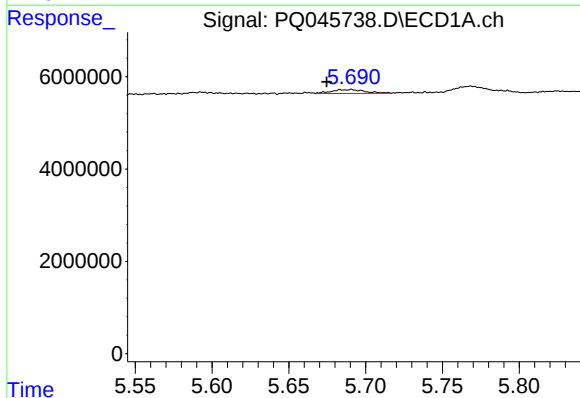
R.T.: 5.593 min
Delta R.T.: 0.004 min
Response: 1124846
Conc: 89.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



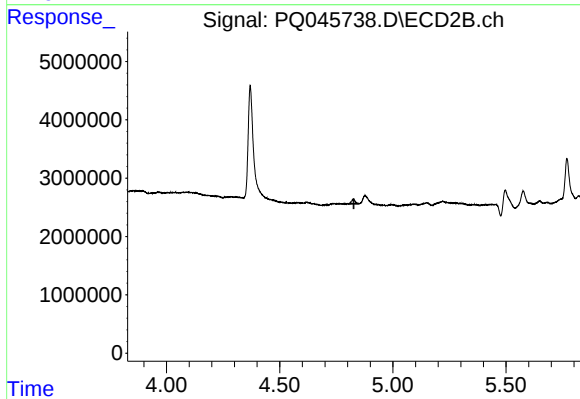
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.736 min
Response: 0
Conc: N.D.



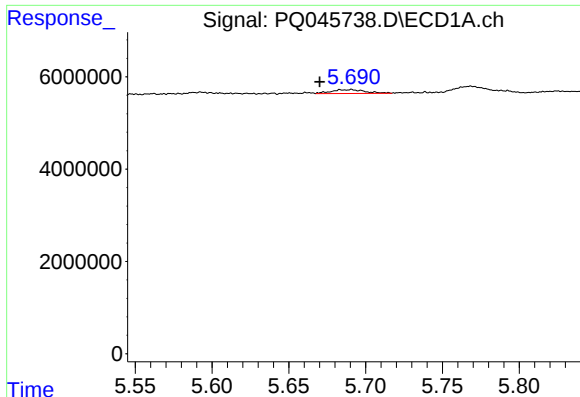
#10 AR-1221-3

R.T.: 5.691 min
Delta R.T.: 0.016 min
Response: 1294005
Conc: 30.23 ng/ml



#10 AR-1221-3

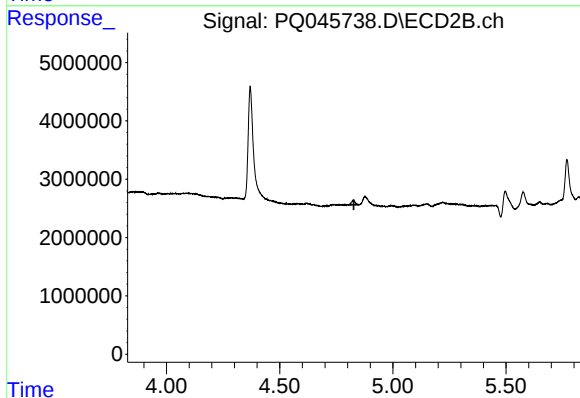
R.T.: 0.000 min
Exp R.T. : 4.828 min
Response: 0
Conc: N.D.



#11 AR-1232-1

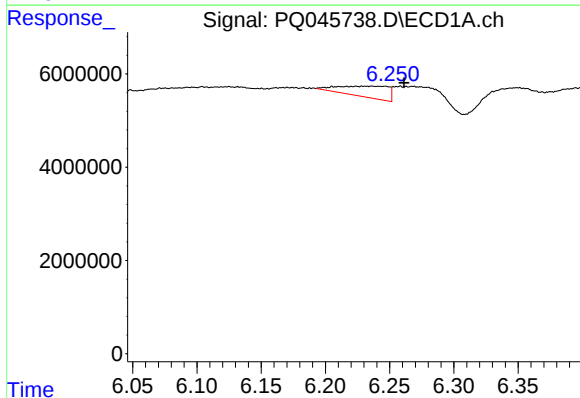
R.T.: 5.691 min
Delta R.T.: 0.021 min
Response: 1294005
Conc: 21.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



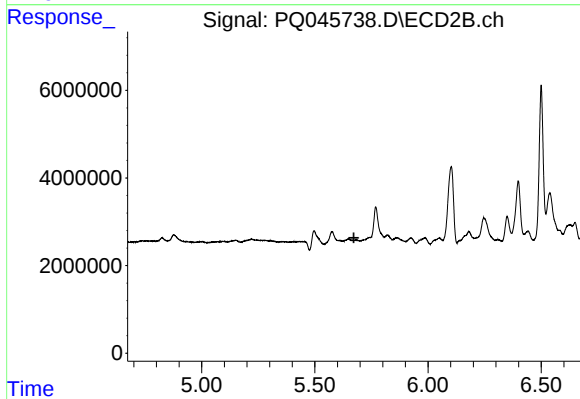
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.828 min
Response: 0
Conc: N.D.



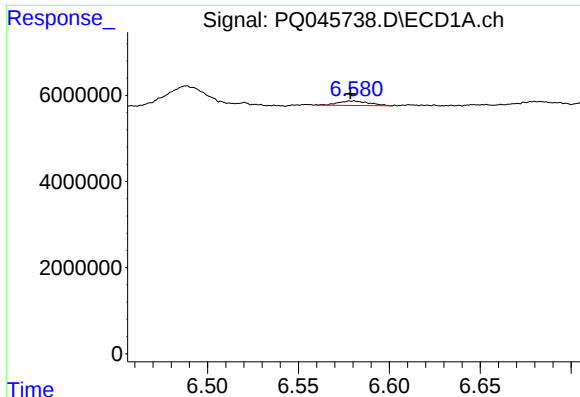
#12 AR-1232-2

R.T.: 6.236 min
Delta R.T.: -0.025 min
Response: 6352661
Conc: 183.20 ng/ml



#12 AR-1232-2

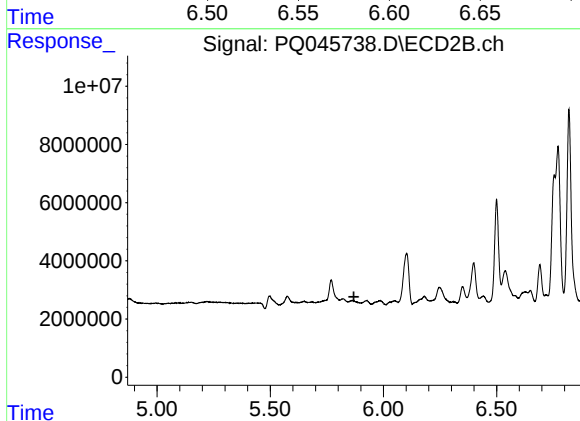
R.T.: 0.000 min
Exp R.T. : 5.672 min
Response: 0
Conc: N.D.



#13 AR-1232-3

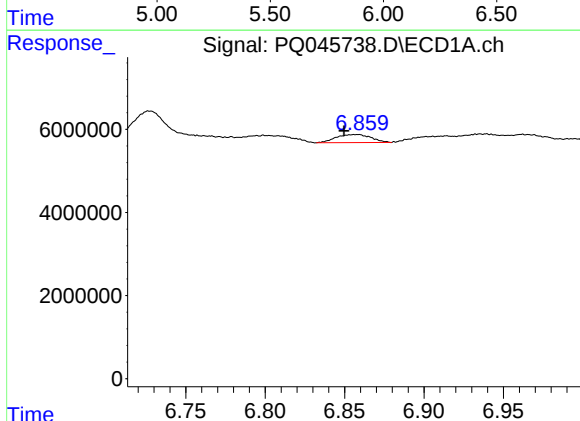
R.T.: 6.580 min
Delta R.T.: 0.001 min
Response: 1205236
Conc: 14.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



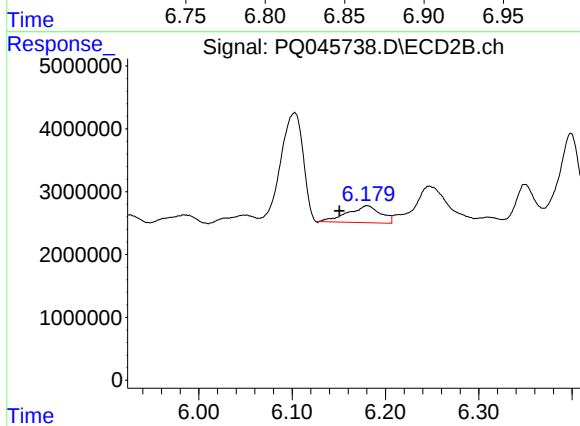
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



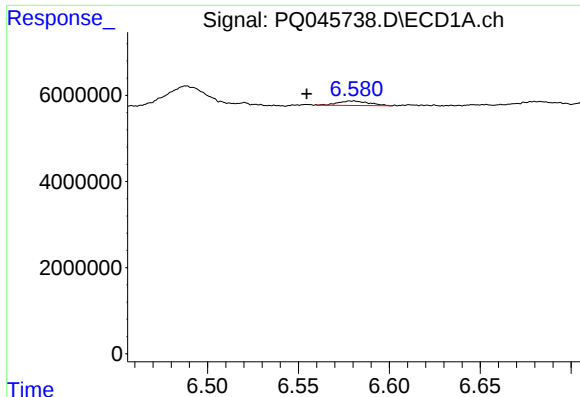
#15 AR-1232-5

R.T.: 6.857 min
Delta R.T.: 0.008 min
Response: 2952123
Conc: 90.42 ng/ml



#15 AR-1232-5

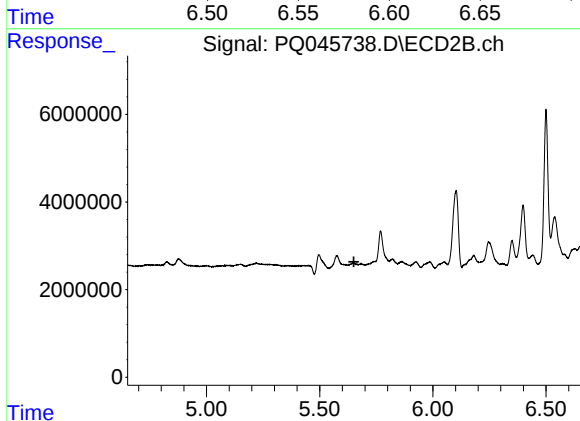
R.T.: 6.180 min
Delta R.T.: 0.030 min
Response: 6608606
Conc: 146.54 ng/ml



#16 AR-1242-1

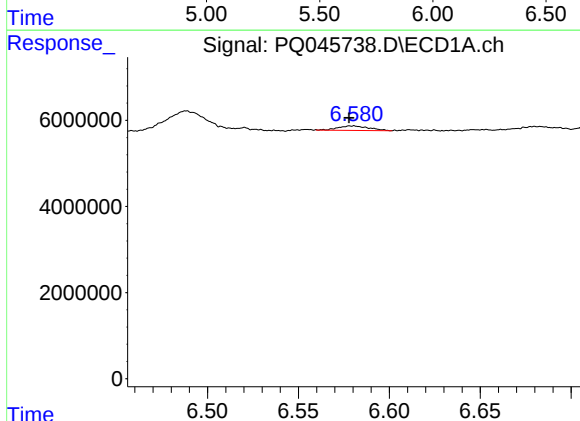
R.T.: 6.580 min
Delta R.T.: 0.025 min
Response: 1205236
Conc: 21.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



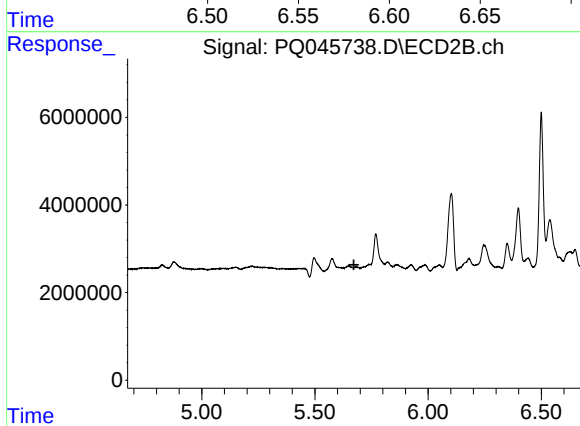
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.651 min
Response: 0
Conc: N.D.



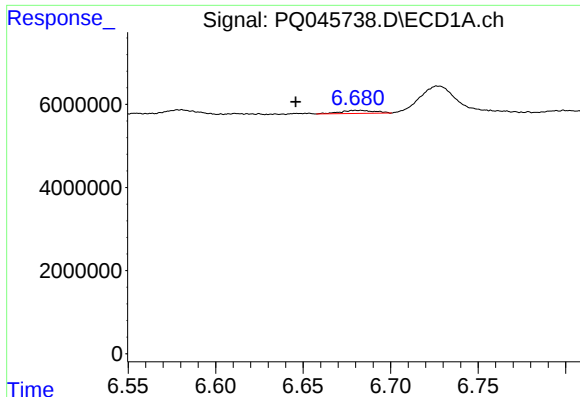
#17 AR-1242-2

R.T.: 6.580 min
Delta R.T.: 0.002 min
Response: 1205236
Conc: 13.57 ng/ml



#17 AR-1242-2

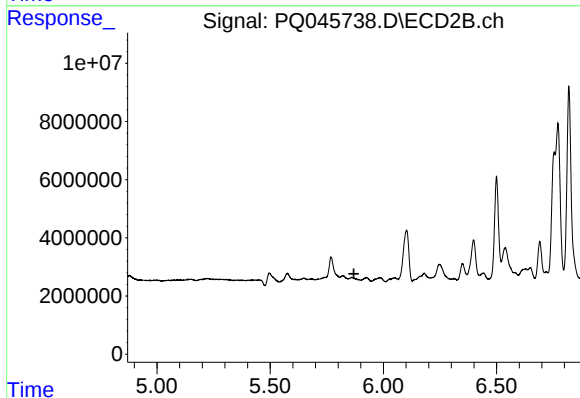
R.T.: 0.000 min
Exp R.T. : 5.672 min
Response: 0
Conc: N.D.



#18 AR-1242-3

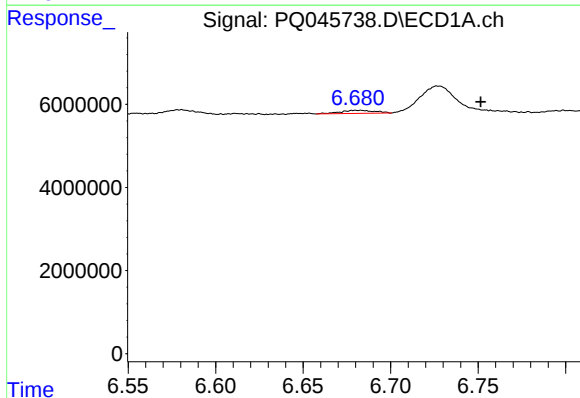
R.T.: 6.682 min
Delta R.T.: 0.036 min
Response: 1012041
Conc: 19.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



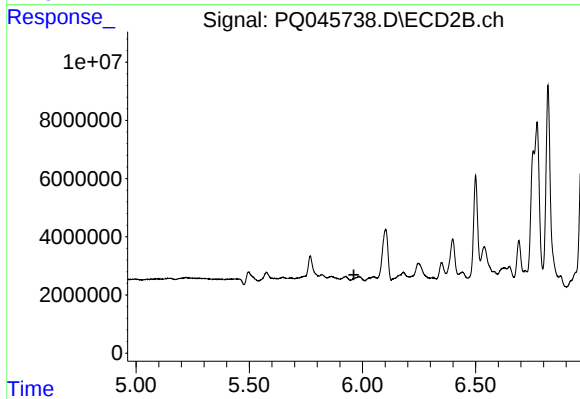
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



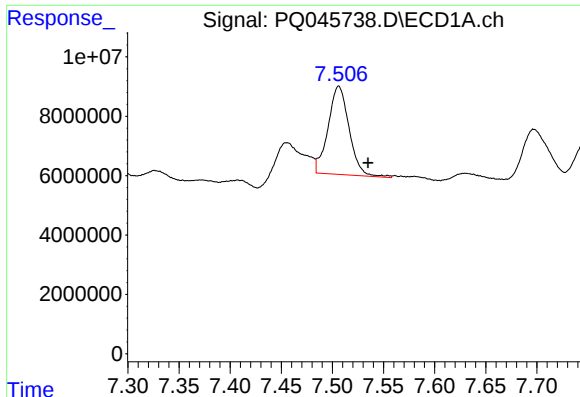
#19 AR-1242-4

R.T.: 6.682 min
Delta R.T.: -0.070 min
Response: 1012041
Conc: 23.28 ng/ml



#19 AR-1242-4

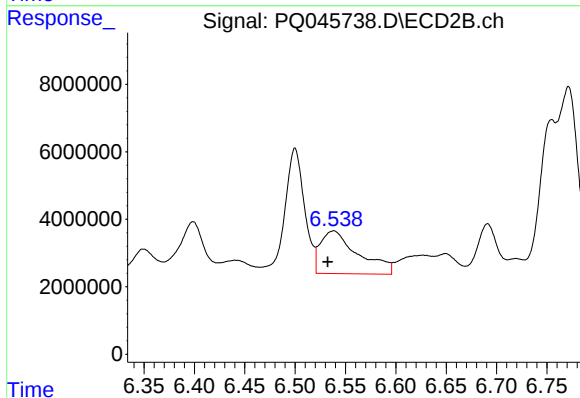
R.T.: 0.000 min
Exp R.T. : 5.962 min
Response: 0
Conc: N.D.



#20 AR-1242-5

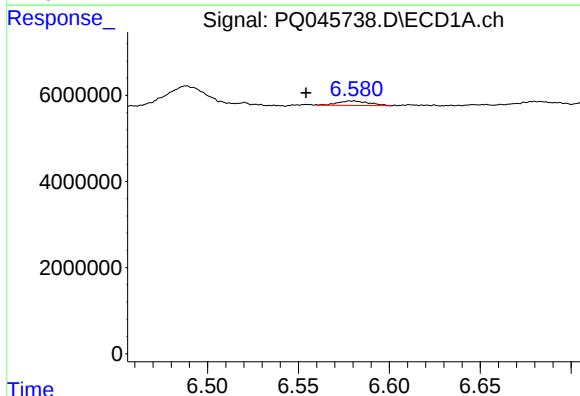
R.T.: 7.506 min
Delta R.T.: -0.029 min
Response: 42521385
Conc: 554.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



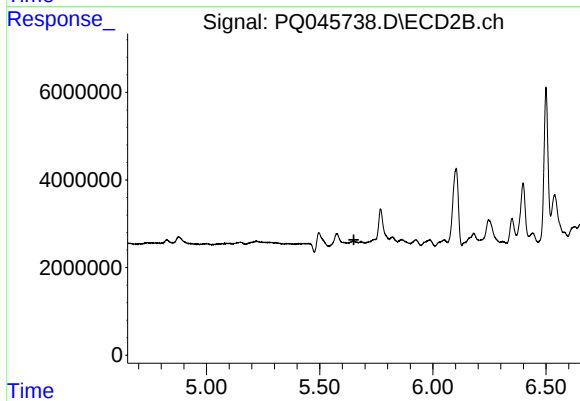
#20 AR-1242-5

R.T.: 6.538 min
Delta R.T.: 0.006 min
Response: 32934163
Conc: 474.87 ng/ml



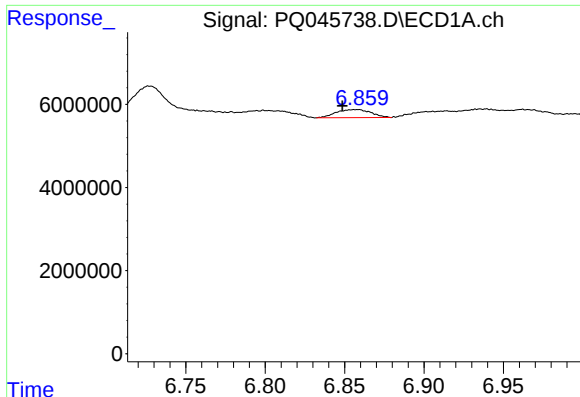
#21 AR-1248-1

R.T.: 6.580 min
Delta R.T.: 0.026 min
Response: 1205236
Conc: 26.27 ng/ml



#21 AR-1248-1

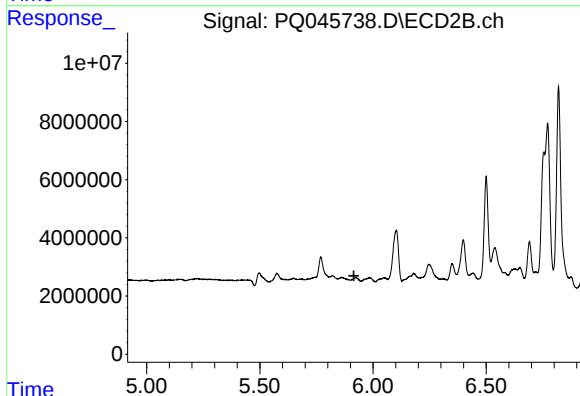
R.T.: 0.000 min
Exp R.T.: 5.651 min
Response: 0
Conc: N.D.



#22 AR-1248-2

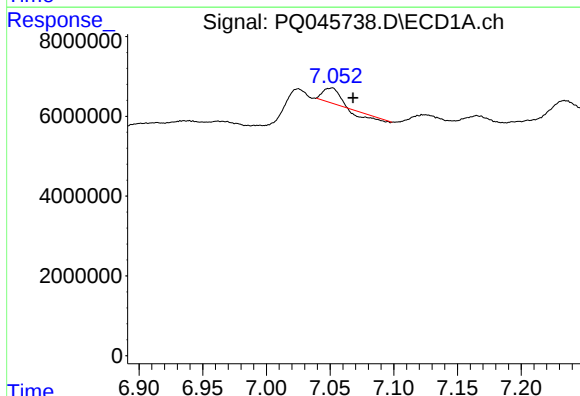
R.T.: 6.857 min
Delta R.T.: 0.009 min
Response: 2952123
Conc: 39.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



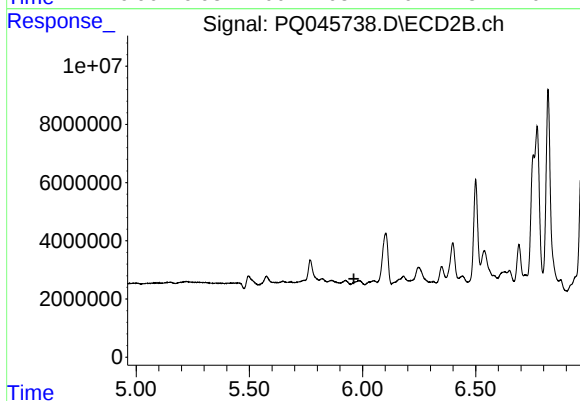
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.916 min
Response: 0
Conc: N.D.



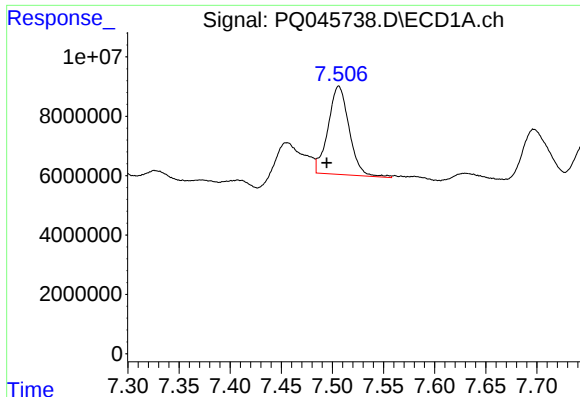
#23 AR-1248-3

R.T.: 7.051 min
Delta R.T.: -0.017 min
Response: 2005305
Conc: 22.94 ng/ml



#23 AR-1248-3

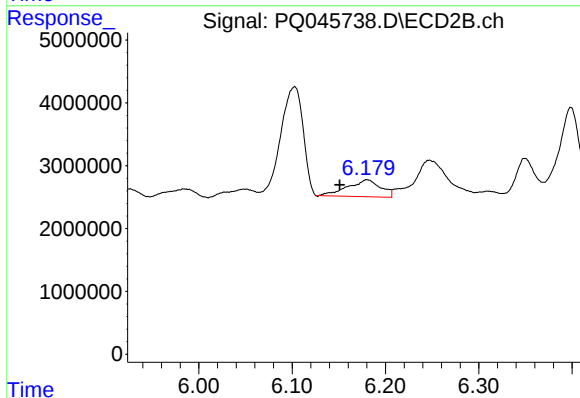
R.T.: 0.000 min
Exp R.T. : 5.962 min
Response: 0
Conc: N.D.



#24 AR-1248-4

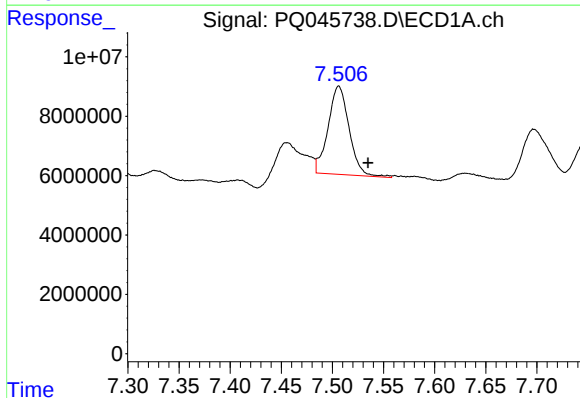
R.T.: 7.506 min
Delta R.T.: 0.012 min
Response: 42521385
Conc: 361.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



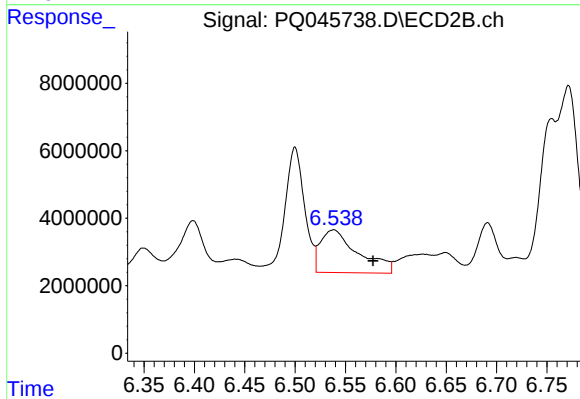
#24 AR-1248-4

R.T.: 6.180 min
Delta R.T.: 0.029 min
Response: 6608606
Conc: 74.74 ng/ml



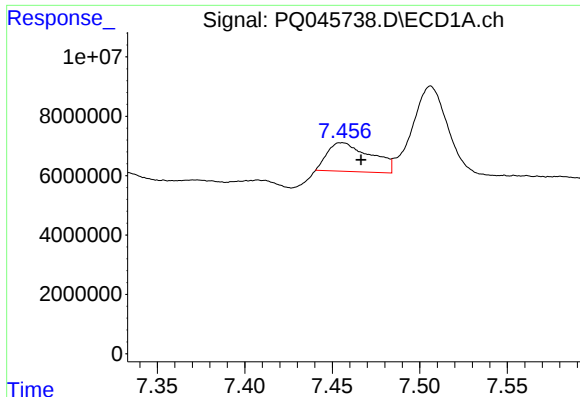
#25 AR-1248-5

R.T.: 7.506 min
Delta R.T.: -0.029 min
Response: 42521385
Conc: 367.57 ng/ml



#25 AR-1248-5

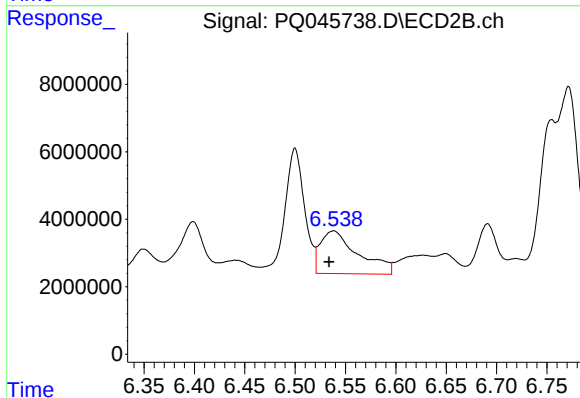
R.T.: 6.538 min
Delta R.T.: -0.039 min
Response: 32934163
Conc: 349.24 ng/ml



#26 AR-1254-1

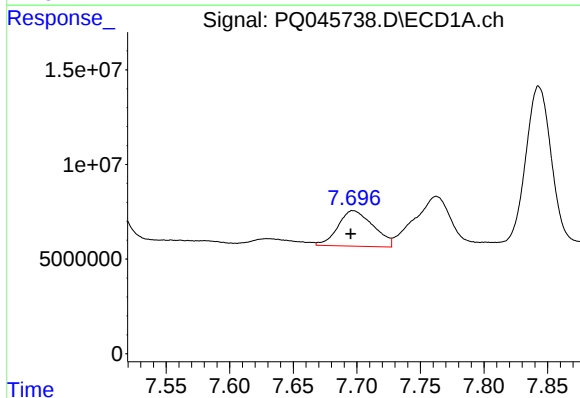
R.T.: 7.455 min
Delta R.T.: -0.011 min
Response: 16646517
Conc: 128.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



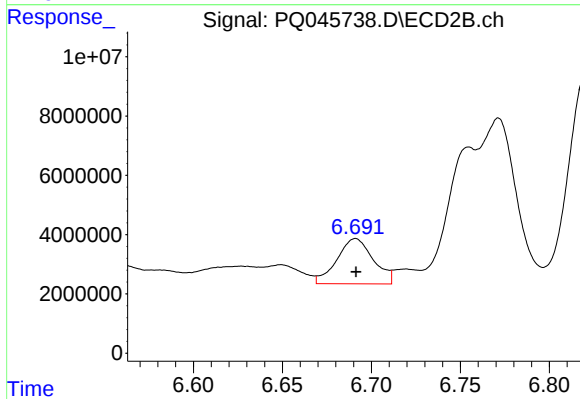
#26 AR-1254-1

R.T.: 6.538 min
Delta R.T.: 0.005 min
Response: 32934163
Conc: 195.06 ng/ml



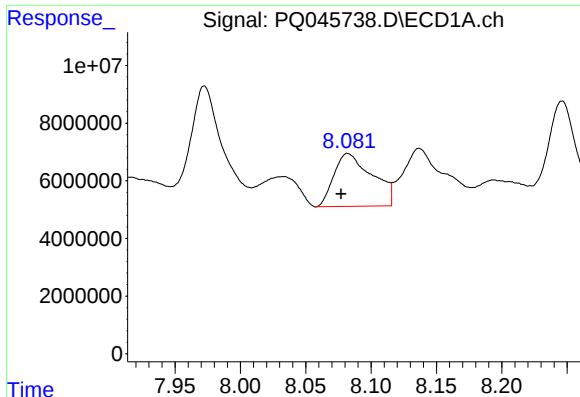
#27 AR-1254-2

R.T.: 7.697 min
Delta R.T.: 0.002 min
Response: 36307937
Conc: 165.75 ng/ml



#27 AR-1254-2

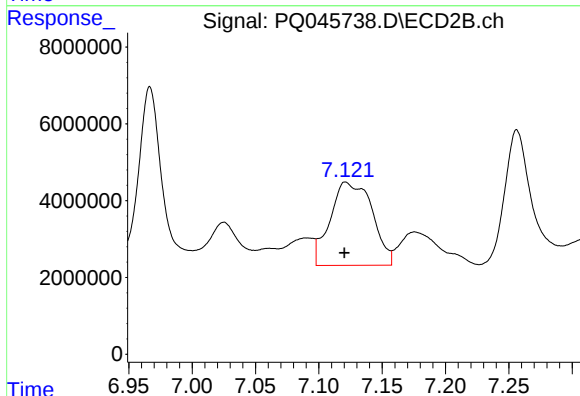
R.T.: 6.691 min
Delta R.T.: 0.000 min
Response: 21758728
Conc: 137.81 ng/ml



#28 AR-1254-3

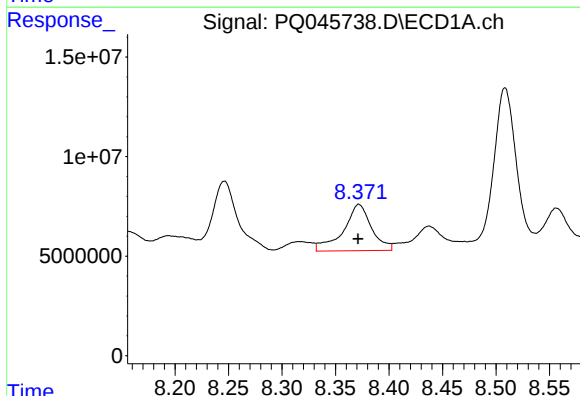
R.T.: 8.082 min
Delta R.T.: 0.005 min
Response: 37513710
Conc: 151.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



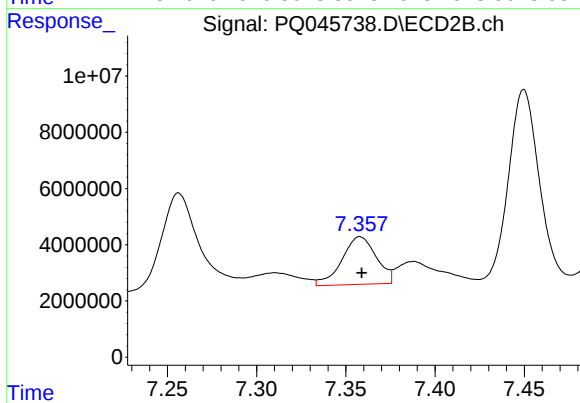
#28 AR-1254-3

R.T.: 7.121 min
Delta R.T.: 0.001 min
Response: 50013992
Conc: 183.30 ng/ml



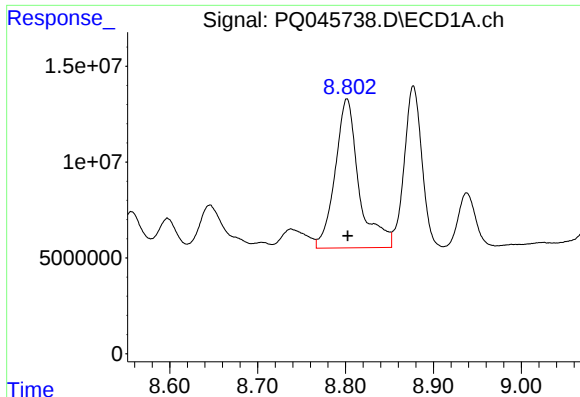
#29 AR-1254-4

R.T.: 8.372 min
Delta R.T.: 0.000 min
Response: 42605522
Conc: 207.38 ng/ml



#29 AR-1254-4

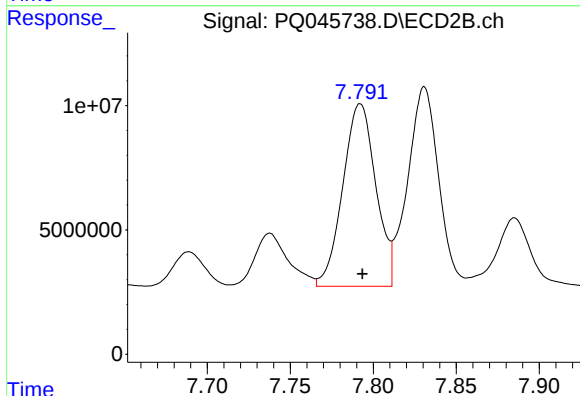
R.T.: 7.358 min
Delta R.T.: -0.001 min
Response: 22768572
Conc: 132.96 ng/ml



#30 AR-1254-5

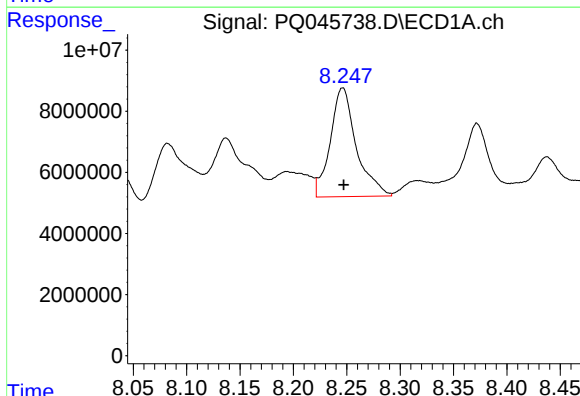
R.T.: 8.802 min
Delta R.T.: -0.001 min
Response: 147216308
Conc: 622.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



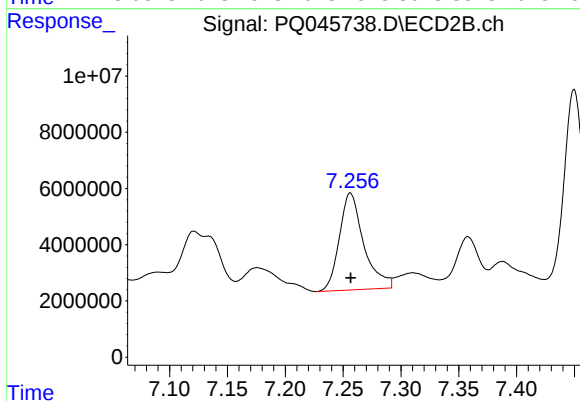
#30 AR-1254-5

R.T.: 7.792 min
Delta R.T.: -0.001 min
Response: 101607491
Conc: 365.88 ng/ml



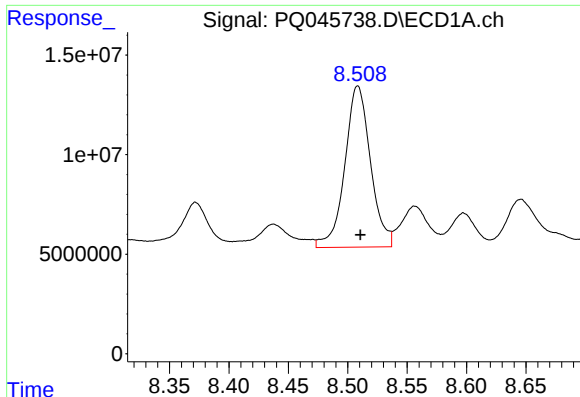
#31 AR-1260-1

R.T.: 8.246 min
Delta R.T.: -0.001 min
Response: 60695473
Conc: 353.01 ng/ml



#31 AR-1260-1

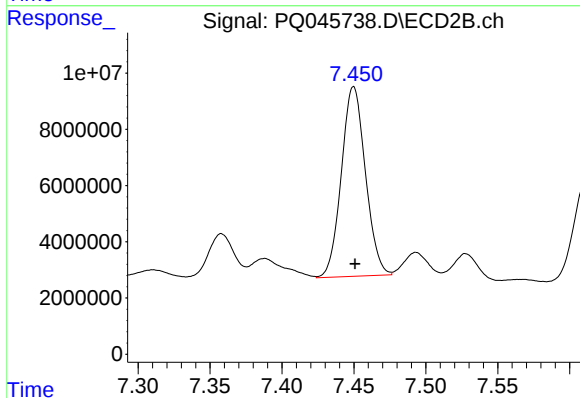
R.T.: 7.256 min
Delta R.T.: 0.000 min
Response: 50648441
Conc: 313.09 ng/ml



#32 AR-1260-2

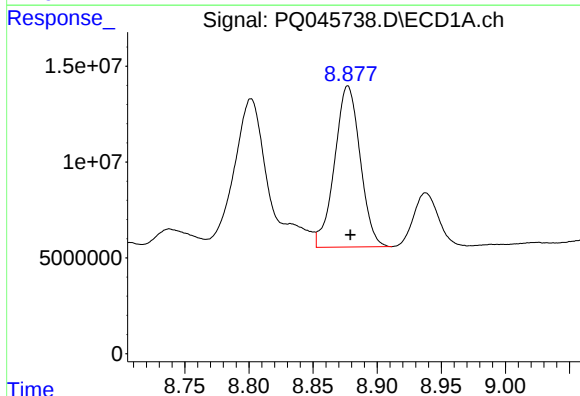
R.T.: 8.508 min
Delta R.T.: -0.002 min
Response: 121958245
Conc: 547.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



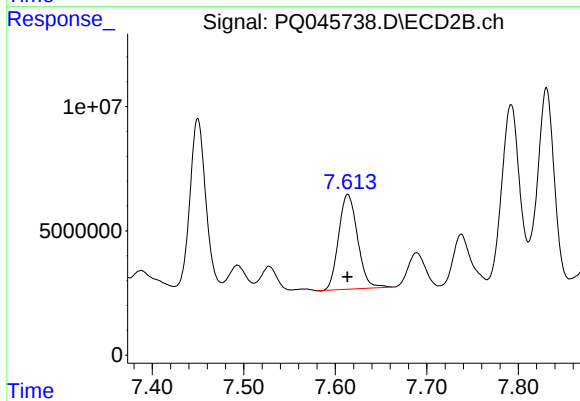
#32 AR-1260-2

R.T.: 7.450 min
Delta R.T.: -0.001 min
Response: 78875510
Conc: 389.59 ng/ml



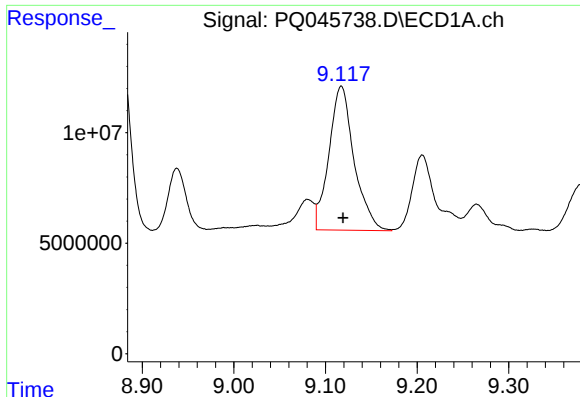
#33 AR-1260-3

R.T.: 8.877 min
Delta R.T.: -0.002 min
Response: 116558673
Conc: 585.37 ng/ml



#33 AR-1260-3

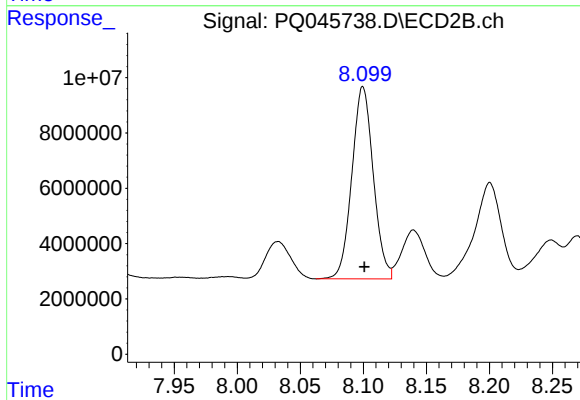
R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 54929847
Conc: 283.70 ng/ml



#34 AR-1260-4

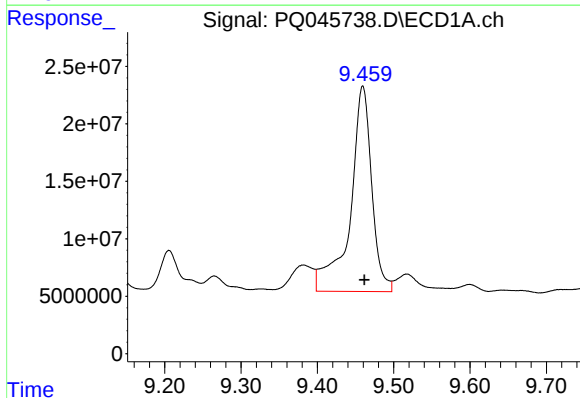
R.T.: 9.117 min
Delta R.T.: -0.002 min
Response: 124065809
Conc: 555.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



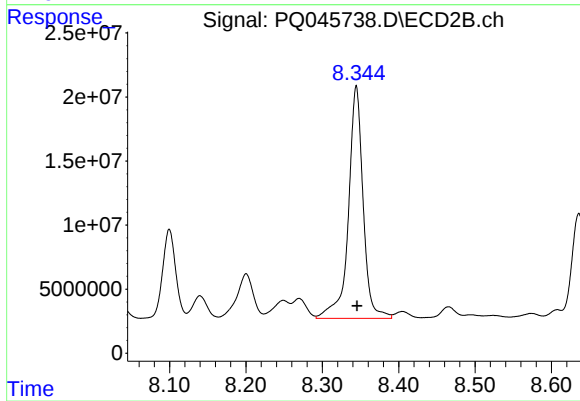
#34 AR-1260-4

R.T.: 8.100 min
Delta R.T.: -0.001 min
Response: 82068504
Conc: 437.11 ng/ml



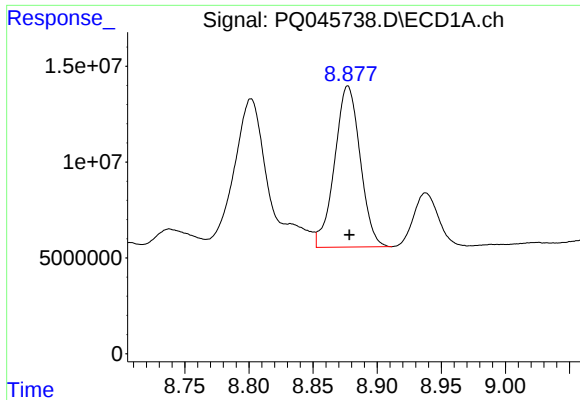
#35 AR-1260-5

R.T.: 9.460 min
Delta R.T.: -0.002 min
Response: 350290973
Conc: 681.17 ng/ml



#35 AR-1260-5

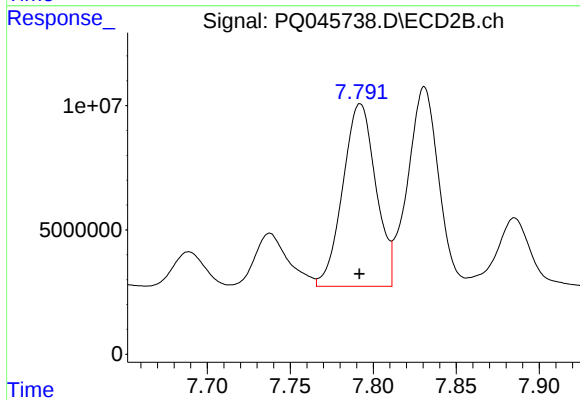
R.T.: 8.345 min
Delta R.T.: 0.000 min
Response: 242488657
Conc: 493.57 ng/ml



#36 AR-1262-1

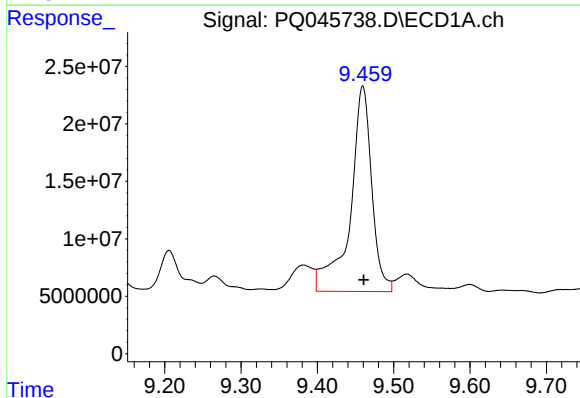
R.T.: 8.877 min
Delta R.T.: -0.001 min
Response: 116558673
Conc: 348.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



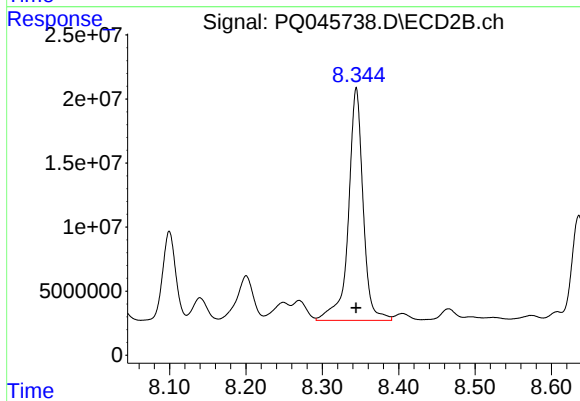
#36 AR-1262-1

R.T.: 7.792 min
Delta R.T.: 0.000 min
Response: 101607491
Conc: 694.33 ng/ml



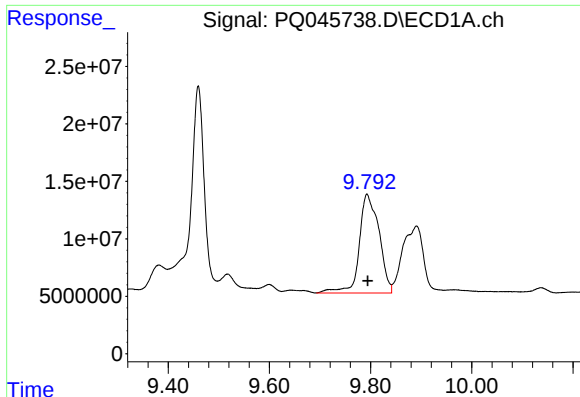
#37 AR-1262-2

R.T.: 9.460 min
Delta R.T.: -0.001 min
Response: 350290973
Conc: 523.69 ng/ml



#37 AR-1262-2

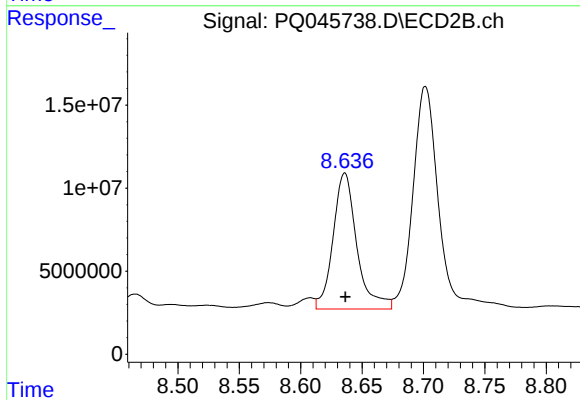
R.T.: 8.345 min
Delta R.T.: 0.000 min
Response: 242488657
Conc: 376.59 ng/ml



#38 AR-1262-3

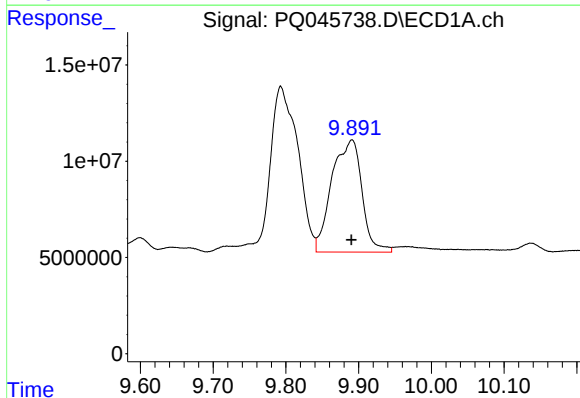
R.T.: 9.793 min
Delta R.T.: -0.001 min
Response: 232942590
Conc: 473.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



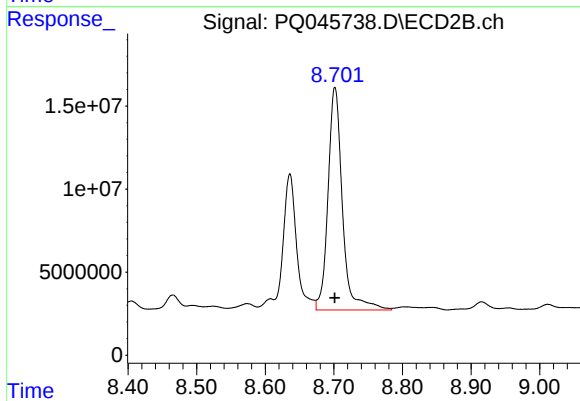
#38 AR-1262-3

R.T.: 8.636 min
Delta R.T.: 0.000 min
Response: 110316026
Conc: 420.70 ng/ml



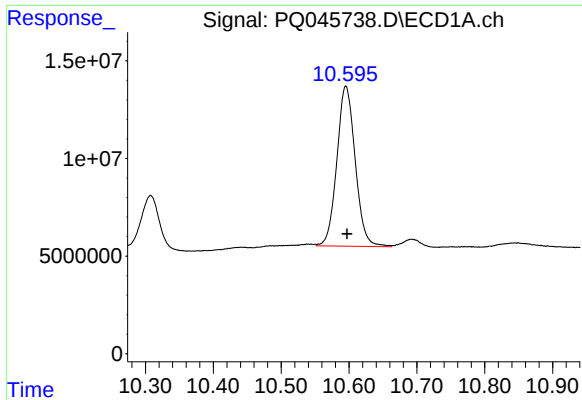
#39 AR-1262-4

R.T.: 9.891 min
Delta R.T.: 0.000 min
Response: 167749608
Conc: 374.53 ng/ml



#39 AR-1262-4

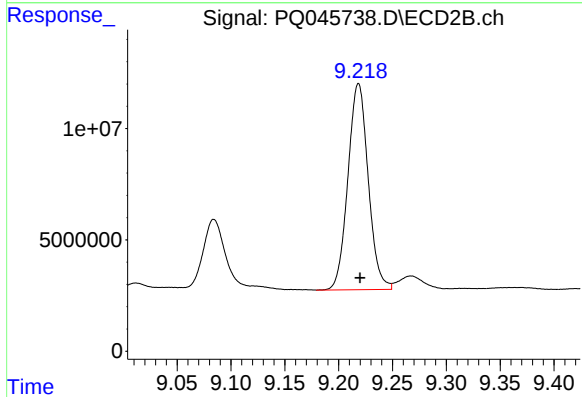
R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 195611448
Conc: 378.47 ng/ml



#40 AR-1262-5

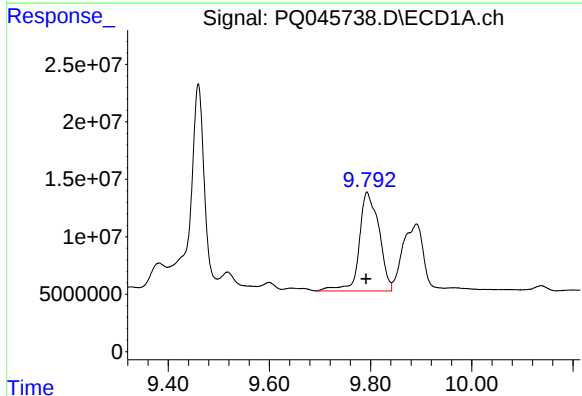
R.T.: 10.595 min
Delta R.T.: -0.002 min
Response: 154019917
Conc: 476.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



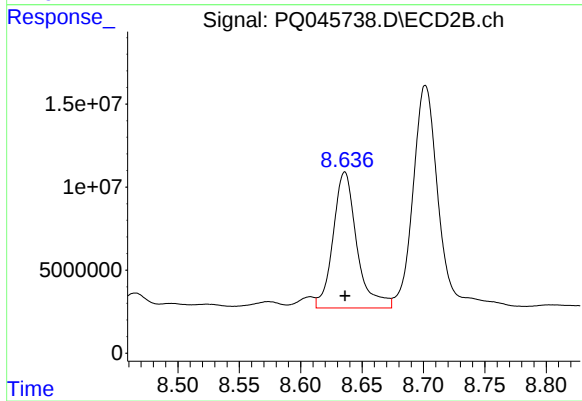
#40 AR-1262-5

R.T.: 9.218 min
Delta R.T.: -0.002 min
Response: 121467247
Conc: 466.72 ng/ml



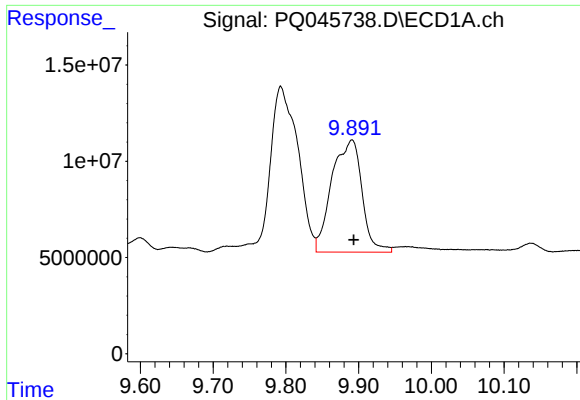
#41 AR-1268-1

R.T.: 9.793 min
Delta R.T.: 0.002 min
Response: 232942590
Conc: 291.51 ng/ml



#41 AR-1268-1

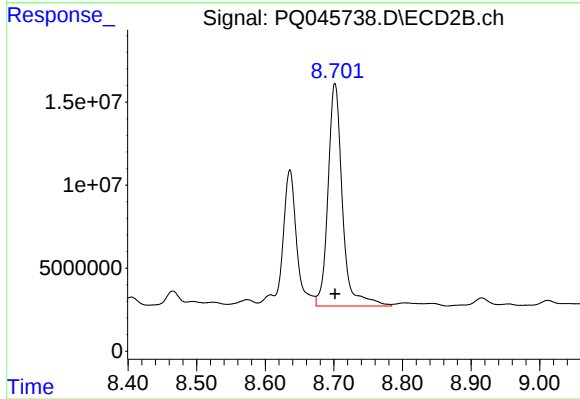
R.T.: 8.636 min
Delta R.T.: 0.000 min
Response: 110316026
Conc: 159.05 ng/ml



#42 AR-1268-2

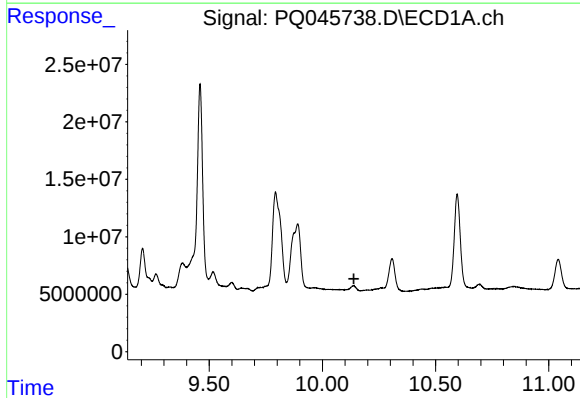
R.T.: 9.891 min
Delta R.T.: -0.002 min
Response: 167749608
Conc: 199.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



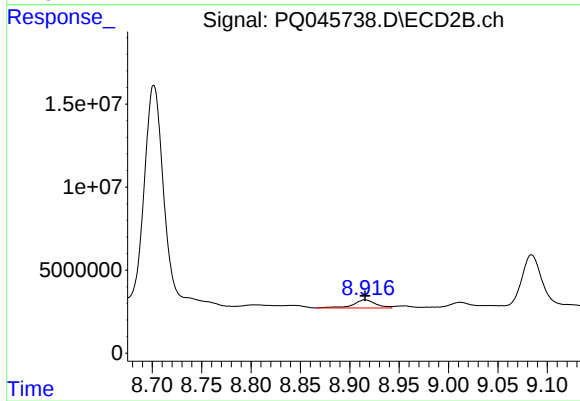
#42 AR-1268-2

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 195611448
Conc: 270.98 ng/ml



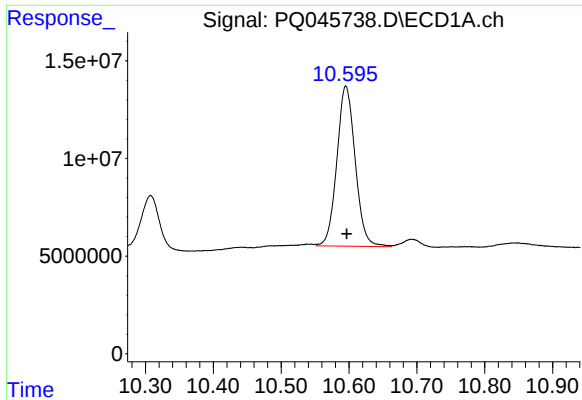
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.139 min
Response: 0
Conc: N.D.



#43 AR-1268-3

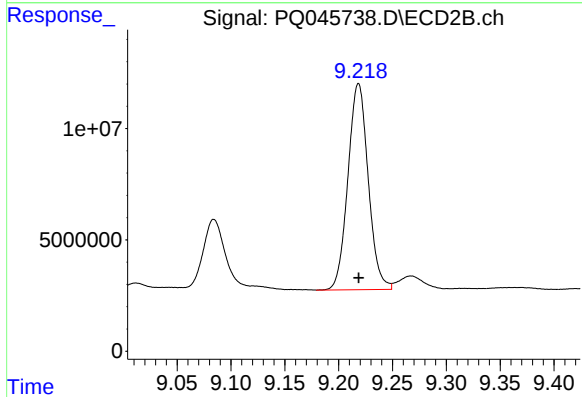
R.T.: 8.915 min
Delta R.T.: 0.000 min
Response: 7744511
Conc: 13.87 ng/ml



#44 AR-1268-4

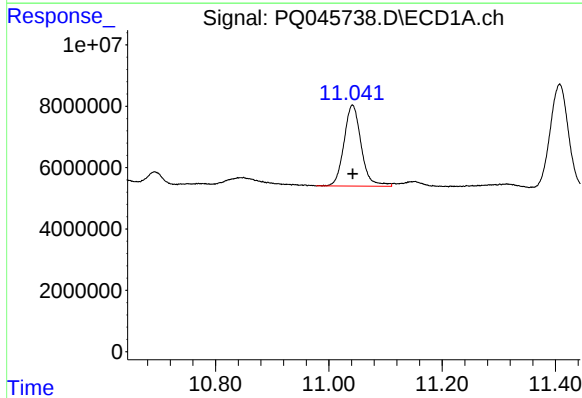
R.T.: 10.595 min
Delta R.T.: -0.001 min
Response: 154019917
Conc: 479.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



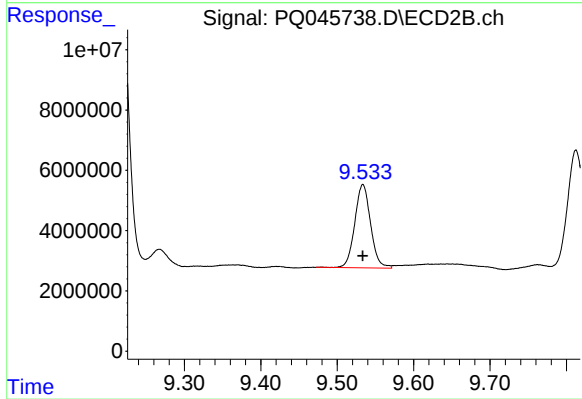
#44 AR-1268-4

R.T.: 9.218 min
Delta R.T.: 0.000 min
Response: 121467247
Conc: 460.69 ng/ml



#45 AR-1268-5

R.T.: 11.042 min
Delta R.T.: 0.000 min
Response: 55678237
Conc: 20.09 ng/ml



#45 AR-1268-5

R.T.: 9.534 min
Delta R.T.: 0.000 min
Response: 39761952
Conc: 17.69 ng/ml