

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112219\
 Data File : PQ045356.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Nov 2019 00:30
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 23 01:38:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 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...	5.093	4.300	131.3E6	83659989	16.546	17.742
2)	SA Decachlor...	11.148	9.713	258.4E6	231.0E6	37.314	34.046
Target Compounds							
3)	L1 AR-1016-1	6.406	5.579	3329501	2019662	13.249	10.966
4)	L1 AR-1016-2	6.433	5.601	3845109	1615878	10.168	6.115 #
5)	L1 AR-1016-3	6.496	5.798	1656091	936955	7.133	7.260
6)	L1 AR-1016-4	6.599	5.844	1524057	49070815	8.050	451.894 #
7)	L1 AR-1016-5	6.918	6.079	42264273	32797587	216.690	214.668
9)	L2 AR-1221-2	0.000	4.664	0	1468757	N.D.	37.202 #
12)	L3 AR-1232-2	0.000	5.601	0	1615878	N.D.	12.992 #
13)	L3 AR-1232-3	6.433	5.798	3845109	936955	21.777	15.822 #
14)	L3 AR-1232-4	6.599	5.889	1524057	15190432	17.226	252.693 #
15)	L3 AR-1232-5	6.700	6.079	71733847	32797587	1081.306	450.312 #
16)	L4 AR-1242-1	6.406	5.579	3329501	2019662	15.490	12.882
17)	L4 AR-1242-2	6.433	5.601	3845109	1615878	11.957	7.222 #
18)	L4 AR-1242-3	6.496	5.798	1656091	936955	8.347	8.430
19)	L4 AR-1242-4	6.599	5.889	1524057	15190432	9.439	127.389 #
20)	L4 AR-1242-5	7.386	6.461	41423593	146.8E6	228.905	894.093 #
21)	L5 AR-1248-1	6.406	5.579	3329501	2019662	19.769	16.229
22)	L5 AR-1248-2	6.700	5.844	71733847	49070815	292.870	288.264
23)	L5 AR-1248-3	6.918	5.889	42264273	15190432	155.294	84.938 #
24)	L5 AR-1248-4	7.343	6.079	66322060	32797587	218.981	150.674 #
25)	L5 AR-1248-5	7.386	6.504	41423593	18165261	144.813	81.463 #
26)	L6 AR-1254-1	7.314	6.461	131.8E6	146.8E6	407.458	403.574
27)	L6 AR-1254-2	7.543	6.620	205.9E6	135.4E6	414.744	420.423
28)	L6 AR-1254-3	7.924	7.047	220.1E6	241.2E6	413.582	434.818
29)	L6 AR-1254-4	8.218	7.286	141.6E6	163.9E6	366.610	458.495 #
30)	L6 AR-1254-5	8.648	7.719	175.2E6	232.0E6	405.634	464.010
31)	L7 AR-1260-1	8.091	7.182	83799462	116.7E6	268.309	380.996 #
32)	L7 AR-1260-2	8.356	7.378	96744597	99354066	236.287	251.622
33)	L7 AR-1260-3	8.711	7.537	23905380	99067425	73.222	289.174 #
34)	L7 AR-1260-4	8.946	8.024	67251646	10689128	176.853	34.857 #
35)	L7 AR-1260-5	9.287	8.270	22497144	23953514	29.225	30.606
36)	L8 AR-1262-1	8.782	7.719	7582650	232.0E6	36.351	916.719 #
37)	L8 AR-1262-2	9.287	8.270	22497144	23953514	24.908	24.276
38)	L8 AR-1262-3	9.629	8.559	17543193	1060441	28.765	2.752 #
39)	L8 AR-1262-4	9.678	8.624	4024830	24391506	8.859	33.109 #
40)	L8 AR-1262-5	0.000	9.138	0	1705792	N.D.	4.899 #
41)	L9 AR-1268-1	9.629	8.559	17543193	1060441	15.710	0.882 #
42)	L9 AR-1268-2	9.678	8.624	4024830	24391506	3.959	21.904 #
43)	L9 AR-1268-3	0.000	8.833	0	2182055	N.D.	2.346 #
44)	L9 AR-1268-4	0.000	9.138	0	1705792	N.D.	4.235 #

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Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 03:35:55 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
45) L9	AR-1268-5	0.000	9.445	0	1586437	N.D.	0.525 #

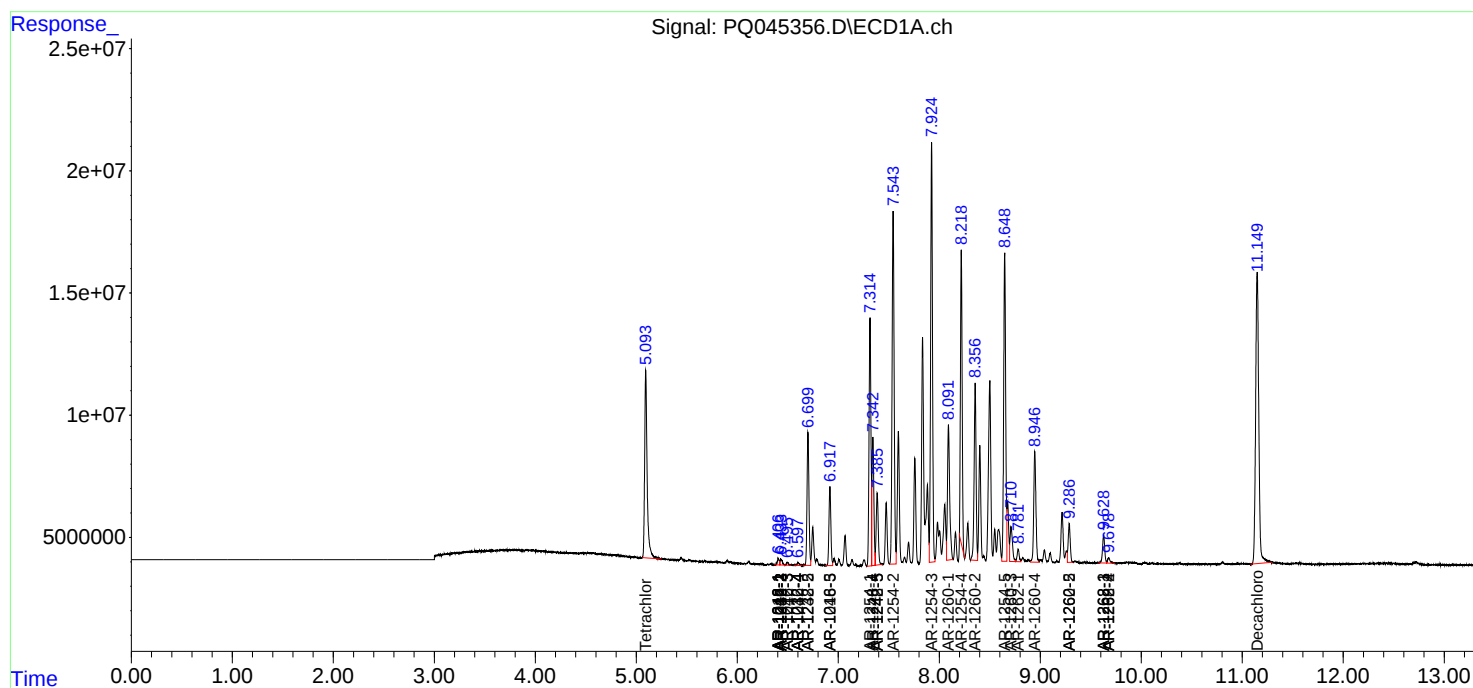
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

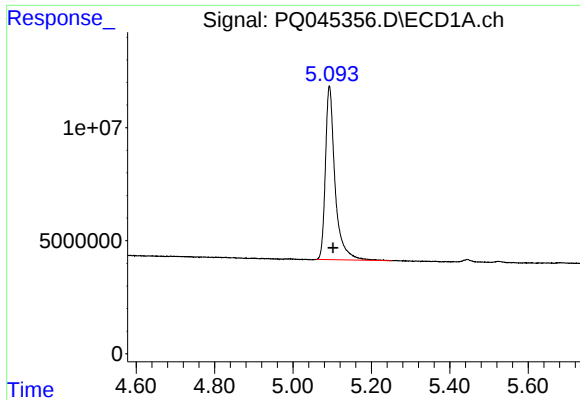
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112219\
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

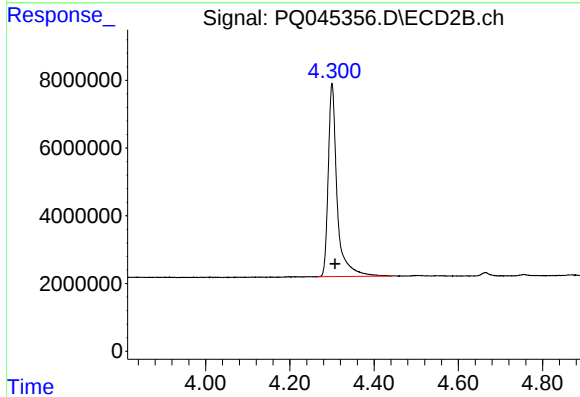




#1 Tetrachloro-m-xylene

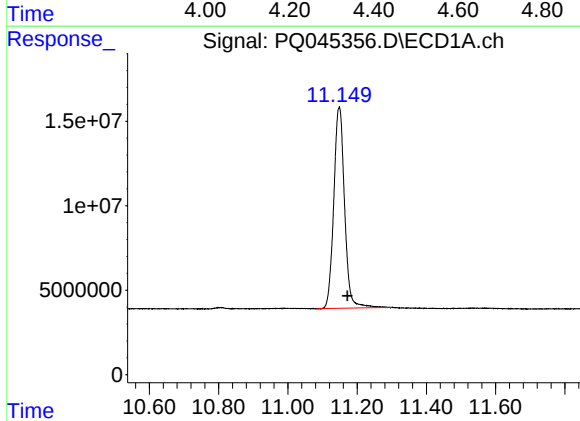
R.T.: 5.093 min
Delta R.T.: -0.009 min
Response: 131338443
Conc: 16.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



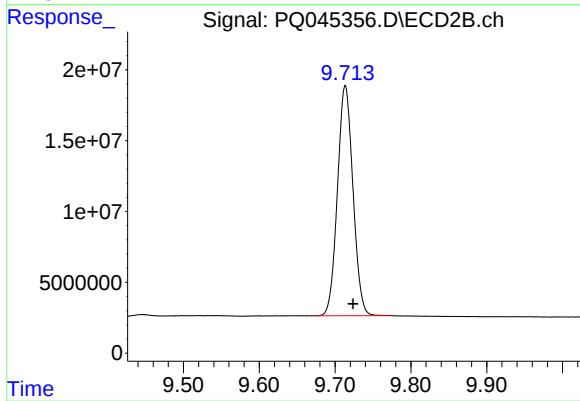
#1 Tetrachloro-m-xylene

R.T.: 4.300 min
Delta R.T.: -0.007 min
Response: 83659989
Conc: 17.74 ng/ml



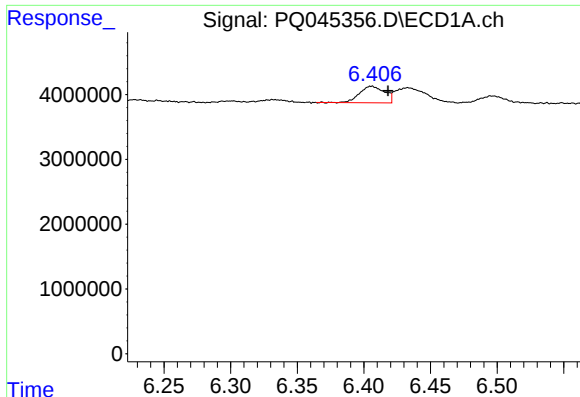
#2 Decachlorobiphenyl

R.T.: 11.148 min
Delta R.T.: -0.023 min
Response: 258437565
Conc: 37.31 ng/ml



#2 Decachlorobiphenyl

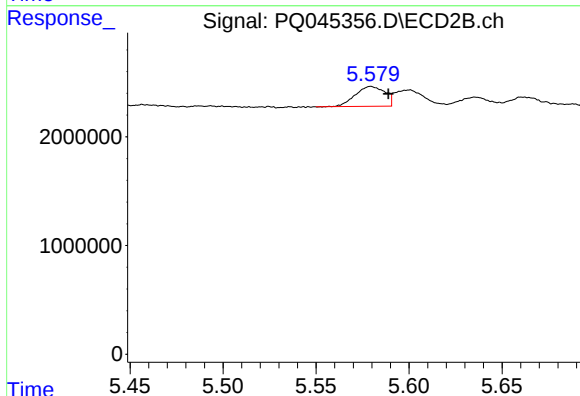
R.T.: 9.713 min
Delta R.T.: -0.010 min
Response: 231002636
Conc: 34.05 ng/ml



#3 AR-1016-1

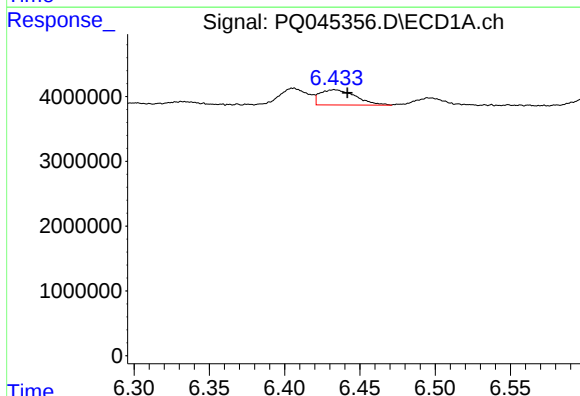
R.T.: 6.406 min
Delta R.T.: -0.012 min
Response: 3329501
Conc: 13.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



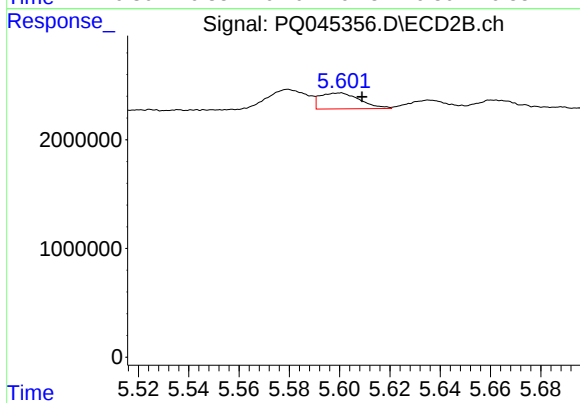
#3 AR-1016-1

R.T.: 5.579 min
Delta R.T.: -0.009 min
Response: 2019662
Conc: 10.97 ng/ml



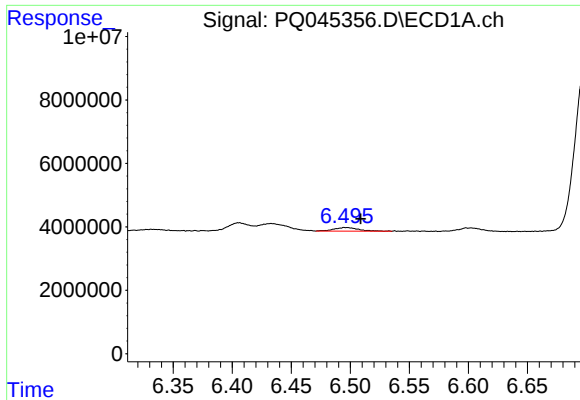
#4 AR-1016-2

R.T.: 6.433 min
Delta R.T.: -0.008 min
Response: 3845109
Conc: 10.17 ng/ml



#4 AR-1016-2

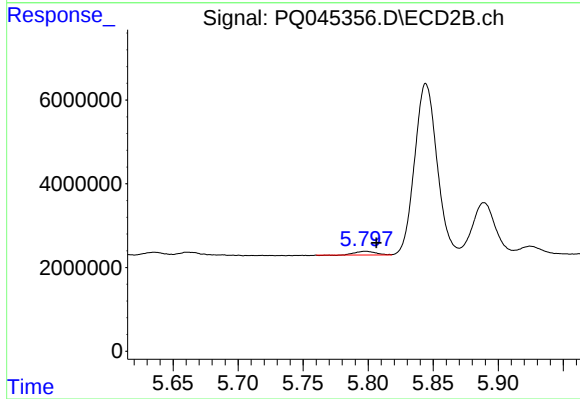
R.T.: 5.601 min
Delta R.T.: -0.008 min
Response: 1615878
Conc: 6.12 ng/ml



#5 AR-1016-3

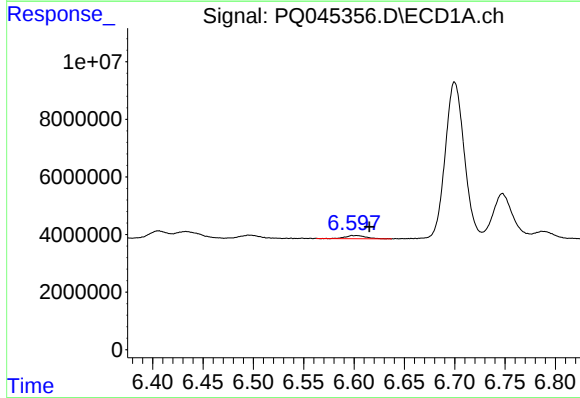
R.T.: 6.496 min
Delta R.T.: -0.012 min
Response: 1656091
Conc: 7.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



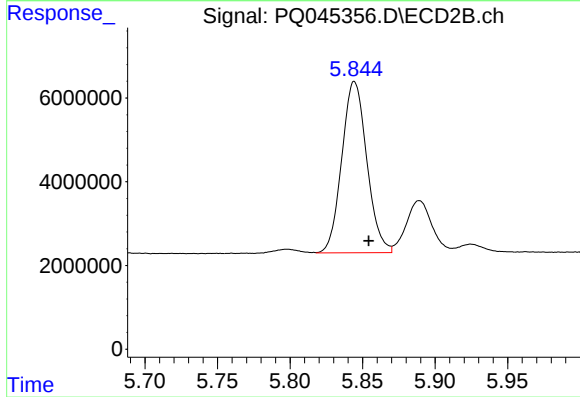
#5 AR-1016-3

R.T.: 5.798 min
Delta R.T.: -0.008 min
Response: 936955
Conc: 7.26 ng/ml



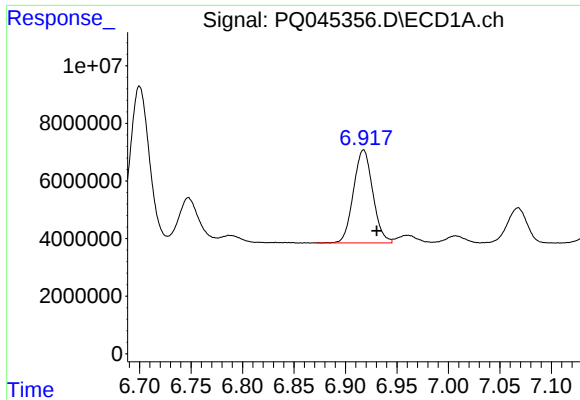
#6 AR-1016-4

R.T.: 6.599 min
Delta R.T.: -0.017 min
Response: 1524057
Conc: 8.05 ng/ml



#6 AR-1016-4

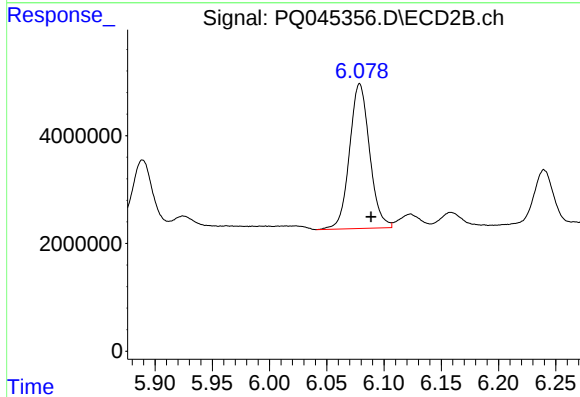
R.T.: 5.844 min
Delta R.T.: -0.010 min
Response: 49070815
Conc: 451.89 ng/ml



#7 AR-1016-5

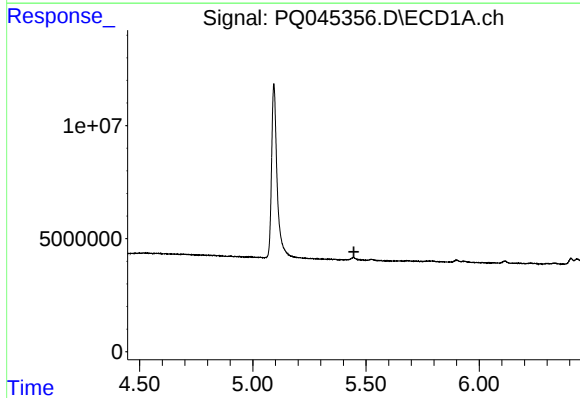
R.T.: 6.918 min
Delta R.T.: -0.013 min
Response: 42264273
Conc: 216.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



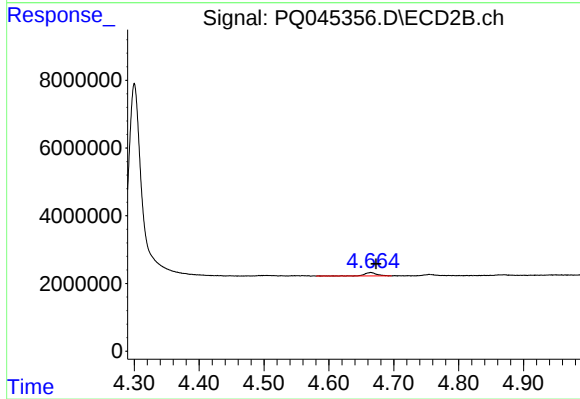
#7 AR-1016-5

R.T.: 6.079 min
Delta R.T.: -0.010 min
Response: 32797587
Conc: 214.67 ng/ml



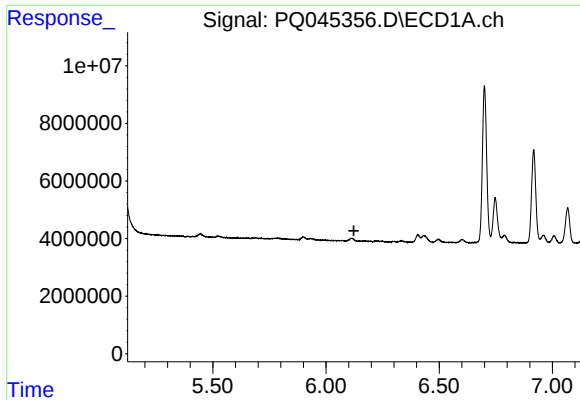
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.446 min
Response: 0
Conc: N.D.



#9 AR-1221-2

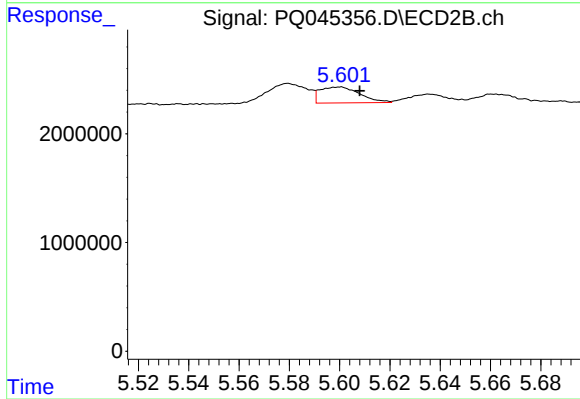
R.T.: 4.664 min
Delta R.T.: -0.008 min
Response: 1468757
Conc: 37.20 ng/ml



#12 AR-1232-2

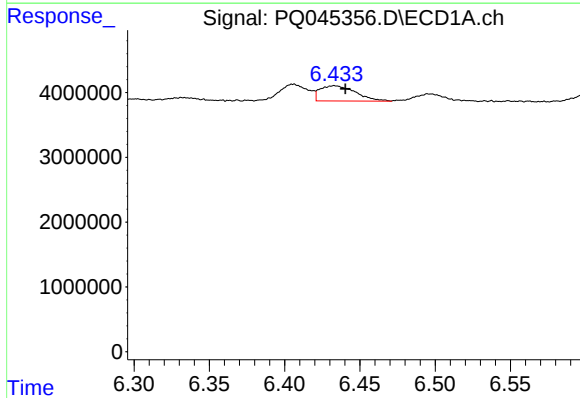
R.T.: 0.000 min
Exp R.T.: 6.123 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



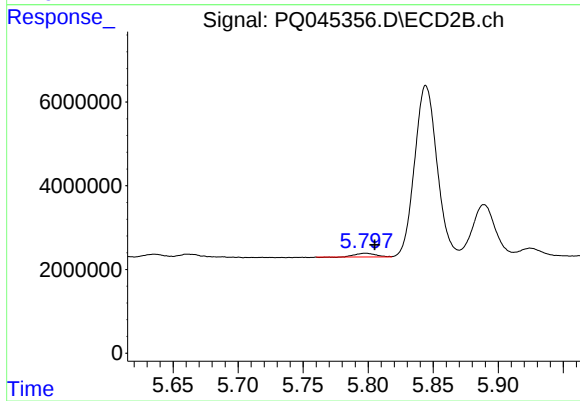
#12 AR-1232-2

R.T.: 5.601 min
Delta R.T.: -0.007 min
Response: 1615878
Conc: 12.99 ng/ml



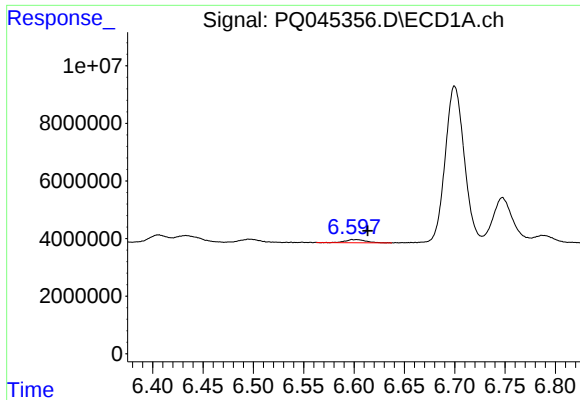
#13 AR-1232-3

R.T.: 6.433 min
Delta R.T.: -0.007 min
Response: 3845109
Conc: 21.78 ng/ml



#13 AR-1232-3

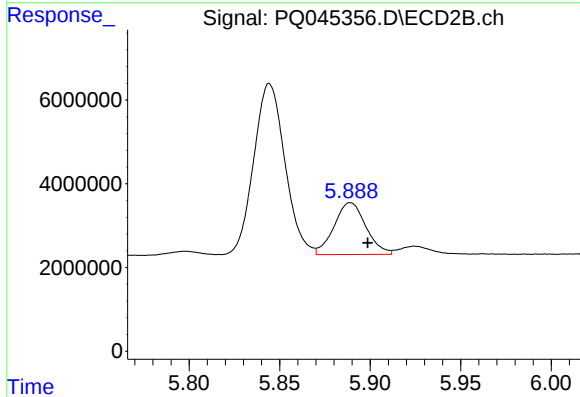
R.T.: 5.798 min
Delta R.T.: -0.007 min
Response: 936955
Conc: 15.82 ng/ml



#14 AR-1232-4

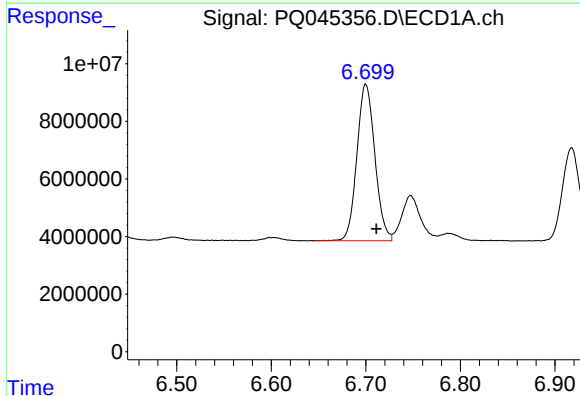
R.T.: 6.599 min
Delta R.T.: -0.015 min
Response: 1524057
Conc: 17.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



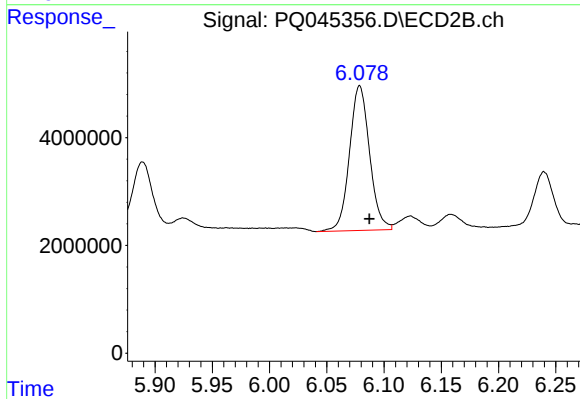
#14 AR-1232-4

R.T.: 5.889 min
Delta R.T.: -0.010 min
Response: 15190432
Conc: 252.69 ng/ml



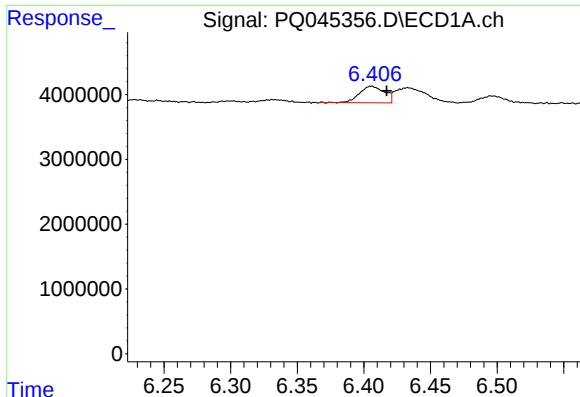
#15 AR-1232-5

R.T.: 6.700 min
Delta R.T.: -0.011 min
Response: 71733847
Conc: 1081.31 ng/ml



#15 AR-1232-5

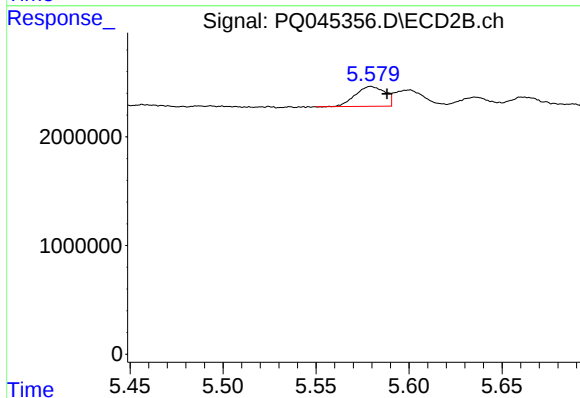
R.T.: 6.079 min
Delta R.T.: -0.009 min
Response: 32797587
Conc: 450.31 ng/ml



#16 AR-1242-1

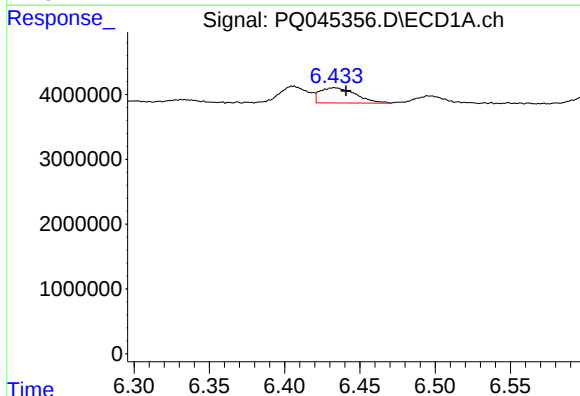
R.T.: 6.406 min
Delta R.T.: -0.011 min
Response: 3329501
Conc: 15.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



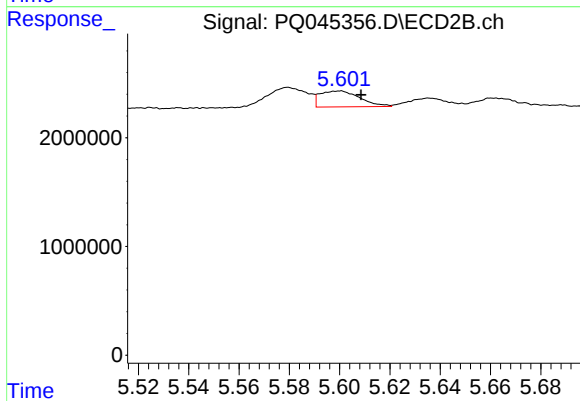
#16 AR-1242-1

R.T.: 5.579 min
Delta R.T.: -0.009 min
Response: 2019662
Conc: 12.88 ng/ml



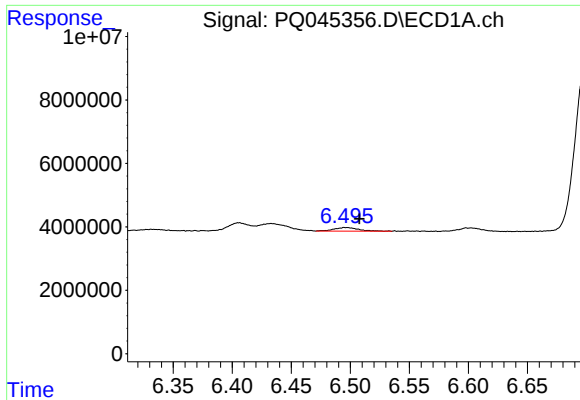
#17 AR-1242-2

R.T.: 6.433 min
Delta R.T.: -0.008 min
Response: 3845109
Conc: 11.96 ng/ml



#17 AR-1242-2

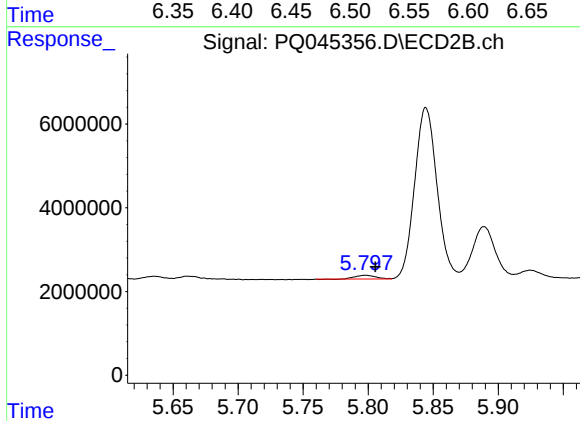
R.T.: 5.601 min
Delta R.T.: -0.008 min
Response: 1615878
Conc: 7.22 ng/ml



#18 AR-1242-3

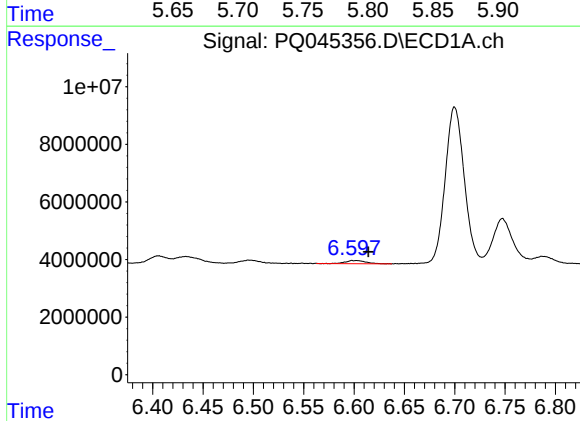
R.T.: 6.496 min
Delta R.T.: -0.012 min
Response: 1656091
Conc: 8.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



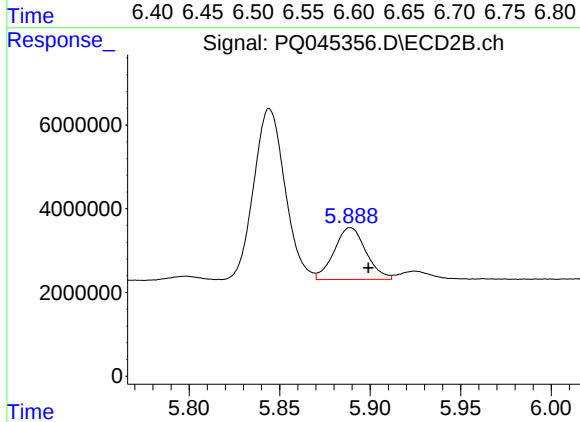
#18 AR-1242-3

R.T.: 5.798 min
Delta R.T.: -0.008 min
Response: 936955
Conc: 8.43 ng/ml



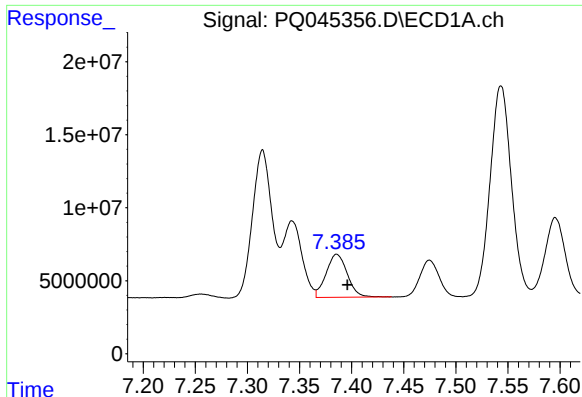
#19 AR-1242-4

R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 1524057
Conc: 9.44 ng/ml



#19 AR-1242-4

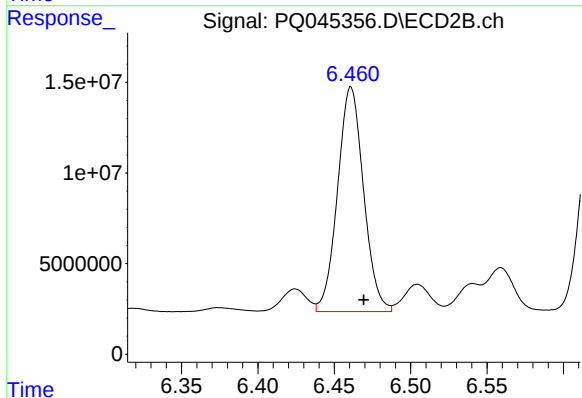
R.T.: 5.889 min
Delta R.T.: -0.010 min
Response: 15190432
Conc: 127.39 ng/ml



#20 AR-1242-5

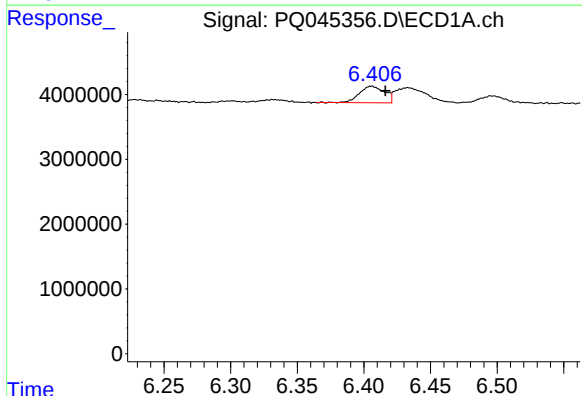
R.T.: 7.386 min
Delta R.T.: -0.010 min
Response: 41423593
Conc: 228.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



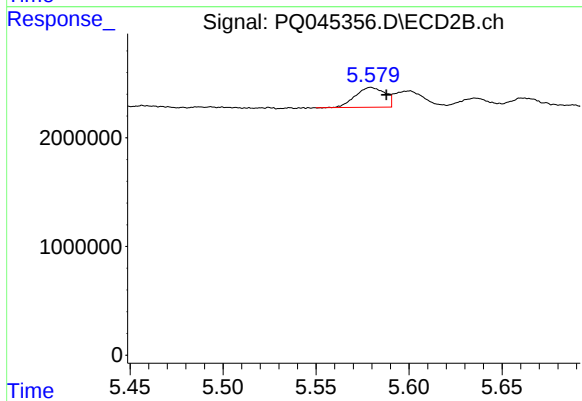
#20 AR-1242-5

R.T.: 6.461 min
Delta R.T.: -0.008 min
Response: 146812211
Conc: 894.09 ng/ml



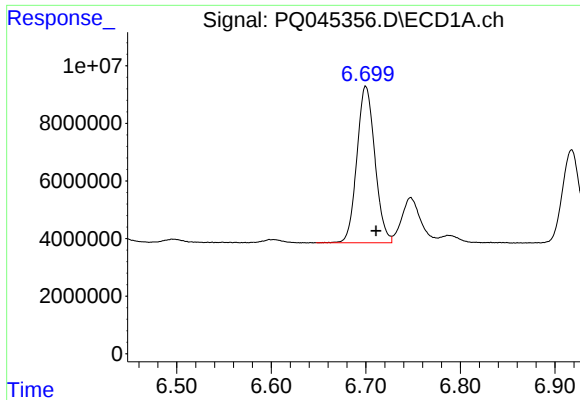
#21 AR-1248-1

R.T.: 6.406 min
Delta R.T.: -0.010 min
Response: 3329501
Conc: 19.77 ng/ml



#21 AR-1248-1

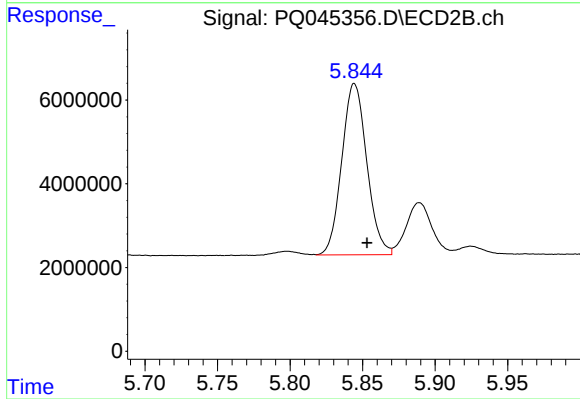
R.T.: 5.579 min
Delta R.T.: -0.008 min
Response: 2019662
Conc: 16.23 ng/ml



#22 AR-1248-2

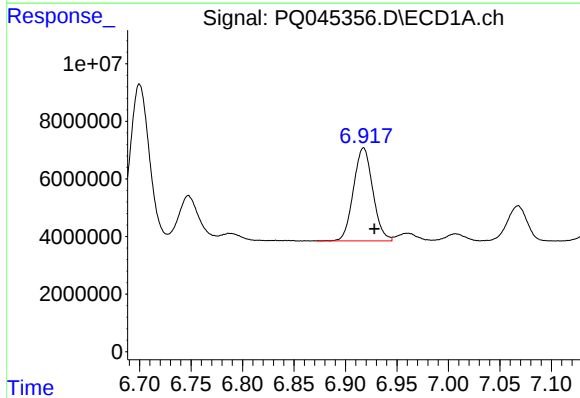
R.T.: 6.700 min
Delta R.T.: -0.011 min
Response: 71733847
Conc: 292.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



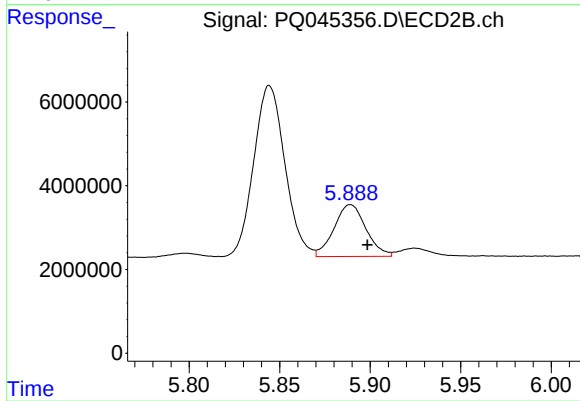
#22 AR-1248-2

R.T.: 5.844 min
Delta R.T.: -0.009 min
Response: 49070815
Conc: 288.26 ng/ml



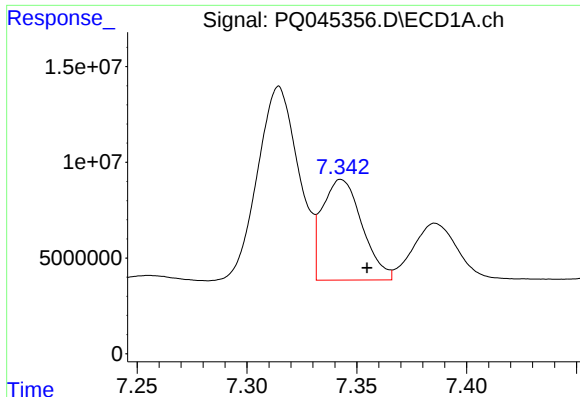
#23 AR-1248-3

R.T.: 6.918 min
Delta R.T.: -0.011 min
Response: 42264273
Conc: 155.29 ng/ml



#23 AR-1248-3

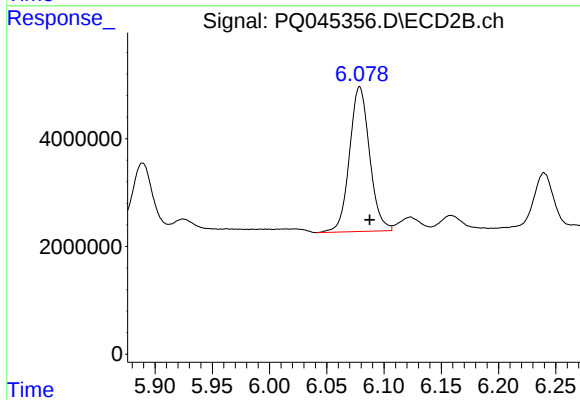
R.T.: 5.889 min
Delta R.T.: -0.009 min
Response: 15190432
Conc: 84.94 ng/ml



#24 AR-1248-4

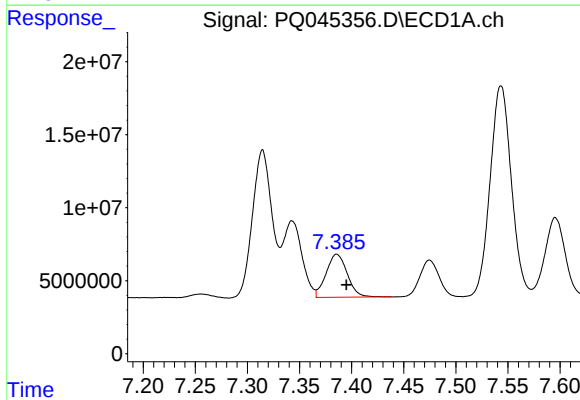
R.T.: 7.343 min
Delta R.T.: -0.012 min
Response: 66322060
Conc: 218.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



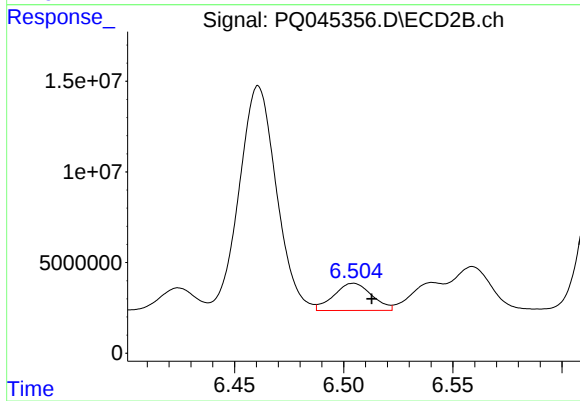
#24 AR-1248-4

R.T.: 6.079 min
Delta R.T.: -0.009 min
Response: 32797587
Conc: 150.67 ng/ml



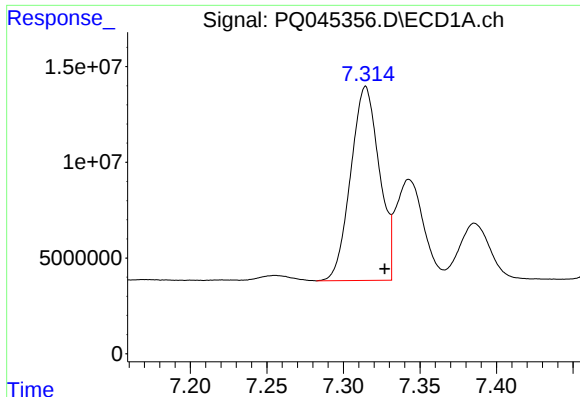
#25 AR-1248-5

R.T.: 7.386 min
Delta R.T.: -0.009 min
Response: 41423593
Conc: 144.81 ng/ml



#25 AR-1248-5

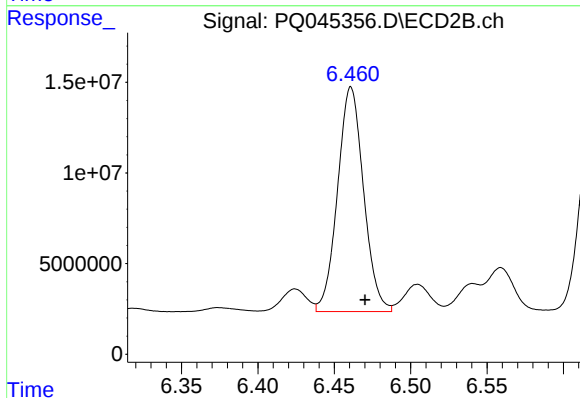
R.T.: 6.504 min
Delta R.T.: -0.008 min
Response: 18165261
Conc: 81.46 ng/ml



#26 AR-1254-1

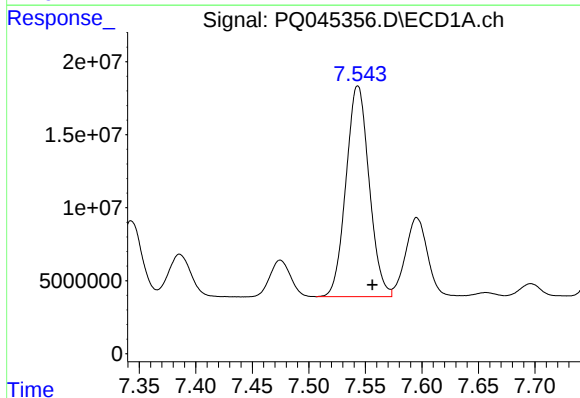
R.T.: 7.314 min
Delta R.T.: -0.013 min
Response: 131835806
Conc: 407.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



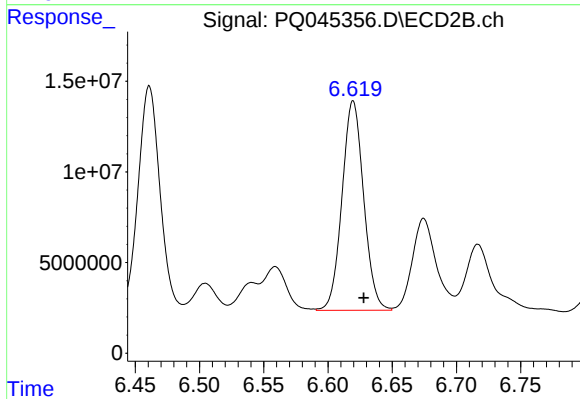
#26 AR-1254-1

R.T.: 6.461 min
Delta R.T.: -0.009 min
Response: 146812211
Conc: 403.57 ng/ml



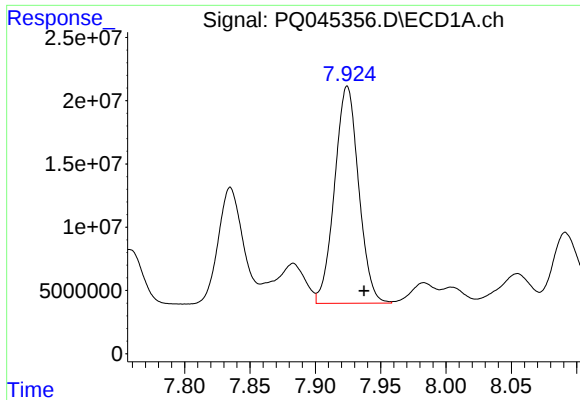
#27 AR-1254-2

R.T.: 7.543 min
Delta R.T.: -0.013 min
Response: 205921216
Conc: 414.74 ng/ml



#27 AR-1254-2

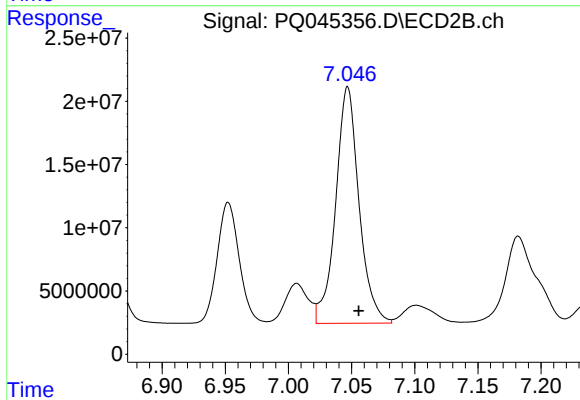
R.T.: 6.620 min
Delta R.T.: -0.008 min
Response: 135410120
Conc: 420.42 ng/ml



#28 AR-1254-3

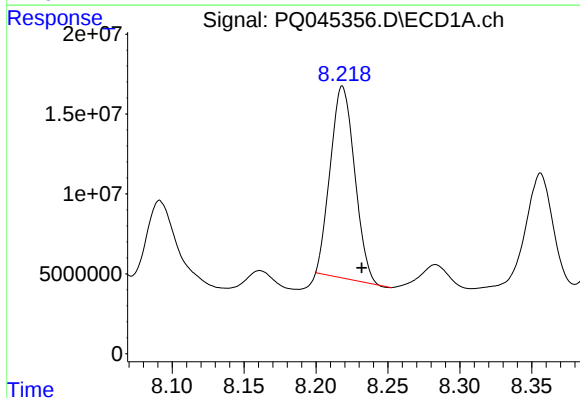
R.T.: 7.924 min
Delta R.T.: -0.013 min
Response: 220133058
Conc: 413.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



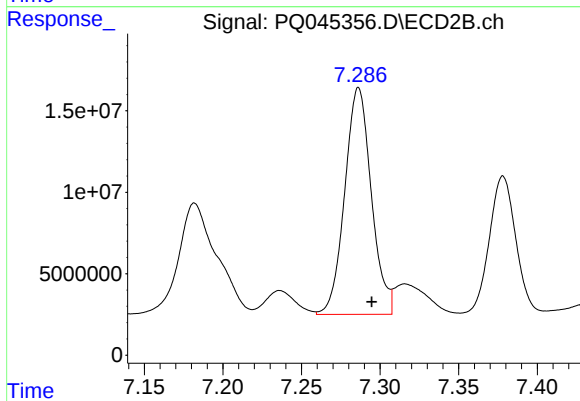
#28 AR-1254-3

R.T.: 7.047 min
Delta R.T.: -0.009 min
Response: 241190817
Conc: 434.82 ng/ml



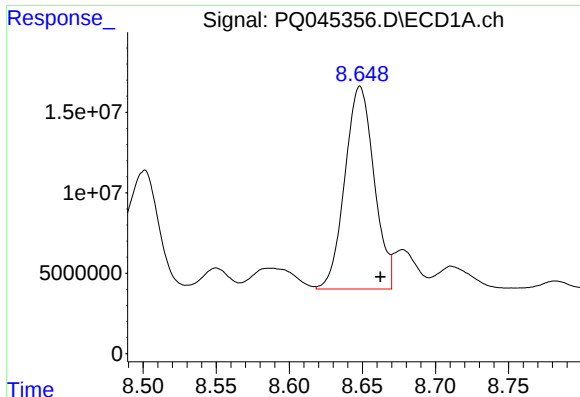
#29 AR-1254-4

R.T.: 8.218 min
Delta R.T.: -0.013 min
Response: 141618185
Conc: 366.61 ng/ml



#29 AR-1254-4

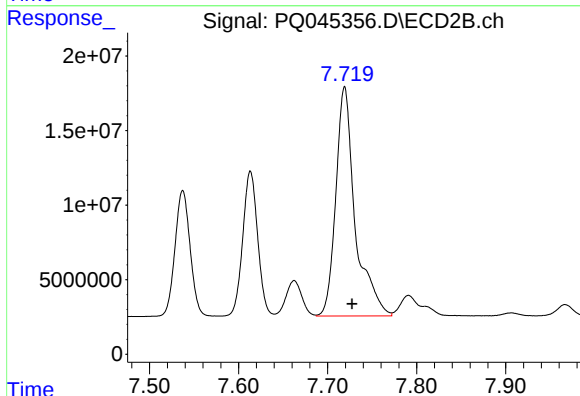
R.T.: 7.286 min
Delta R.T.: -0.008 min
Response: 163877067
Conc: 458.50 ng/ml



#30 AR-1254-5

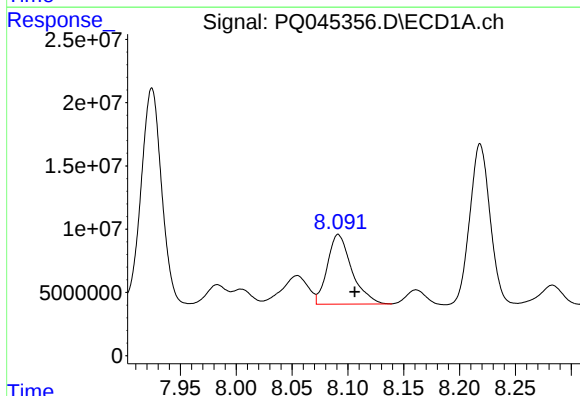
R.T.: 8.648 min
Delta R.T.: -0.014 min
Response: 175226600
Conc: 405.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



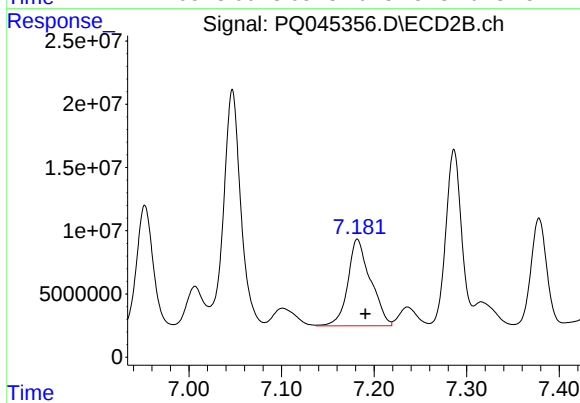
#30 AR-1254-5

R.T.: 7.719 min
Delta R.T.: -0.008 min
Response: 232015685
Conc: 464.01 ng/ml



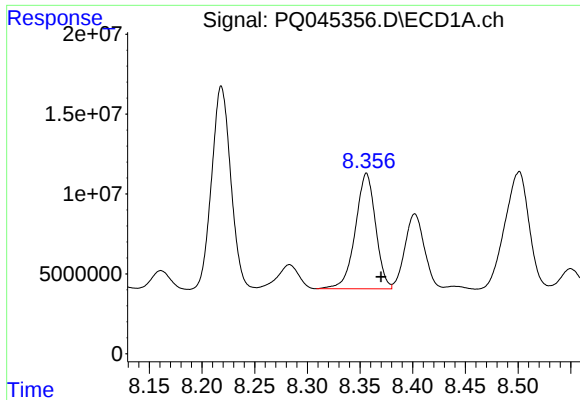
#31 AR-1260-1

R.T.: 8.091 min
Delta R.T.: -0.015 min
Response: 83799462
Conc: 268.31 ng/ml



#31 AR-1260-1

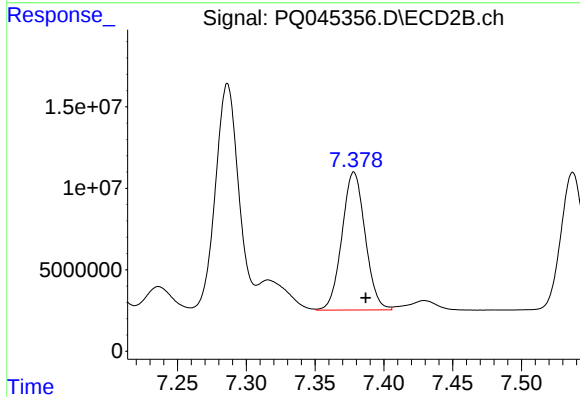
R.T.: 7.182 min
Delta R.T.: -0.009 min
Response: 116726905
Conc: 381.00 ng/ml



#32 AR-1260-2

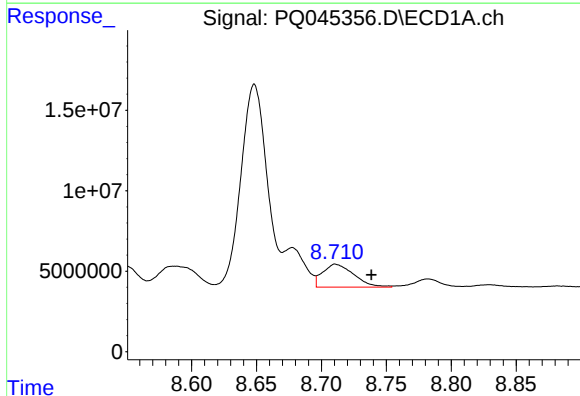
R.T.: 8.356 min
Delta R.T.: -0.014 min
Response: 96744597
Conc: 236.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



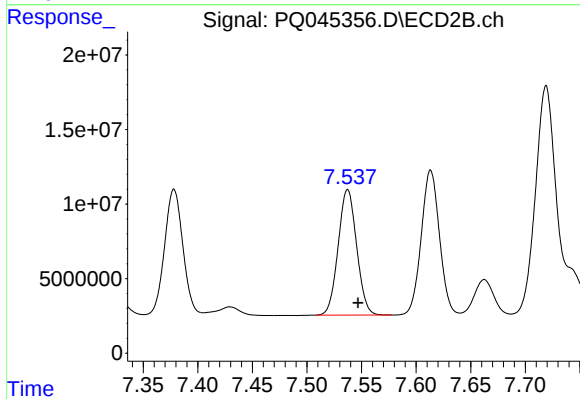
#32 AR-1260-2

R.T.: 7.378 min
Delta R.T.: -0.009 min
Response: 99354066
Conc: 251.62 ng/ml



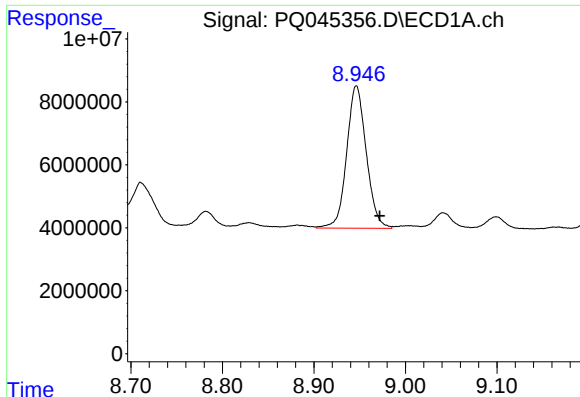
#33 AR-1260-3

R.T.: 8.711 min
Delta R.T.: -0.028 min
Response: 23905380
Conc: 73.22 ng/ml



#33 AR-1260-3

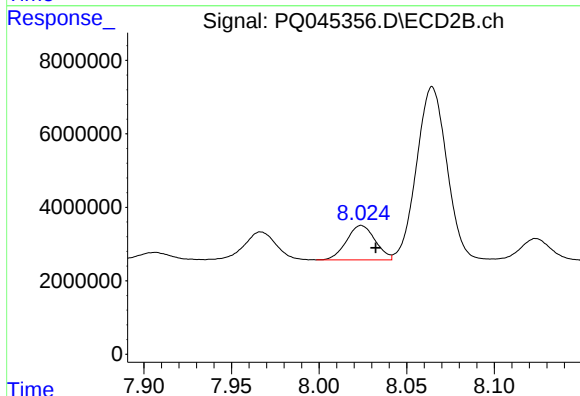
R.T.: 7.537 min
Delta R.T.: -0.010 min
Response: 99067425
Conc: 289.17 ng/ml



#34 AR-1260-4

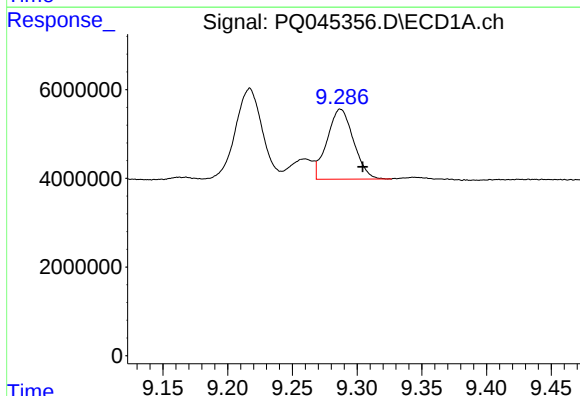
R.T.: 8.946 min
Delta R.T.: -0.026 min
Response: 67251646
Conc: 176.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



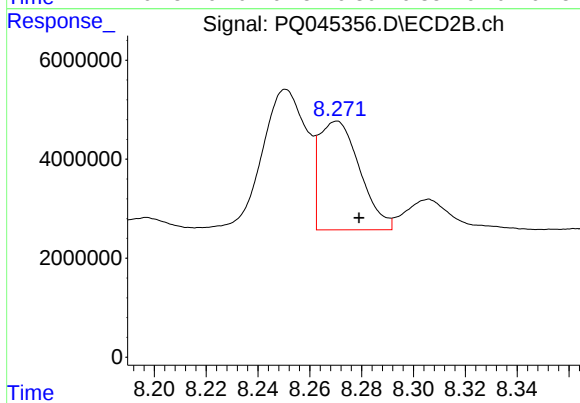
#34 AR-1260-4

R.T.: 8.024 min
Delta R.T.: -0.008 min
Response: 10689128
Conc: 34.86 ng/ml



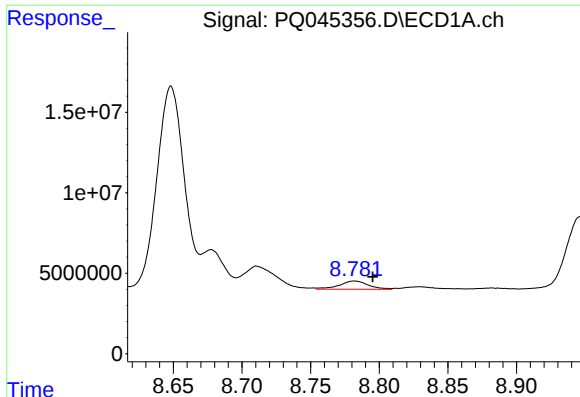
#35 AR-1260-5

R.T.: 9.287 min
Delta R.T.: -0.017 min
Response: 22497144
Conc: 29.22 ng/ml



#35 AR-1260-5

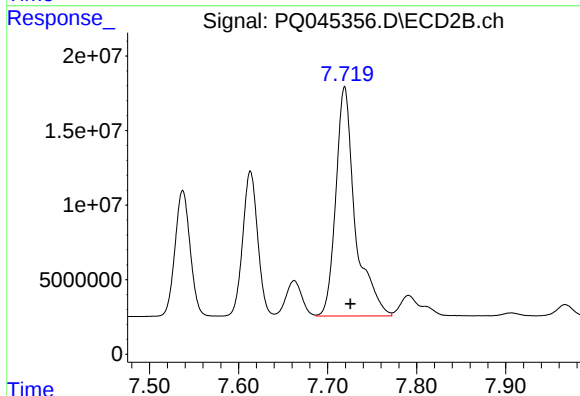
R.T.: 8.270 min
Delta R.T.: -0.009 min
Response: 23953514
Conc: 30.61 ng/ml



#36 AR-1262-1

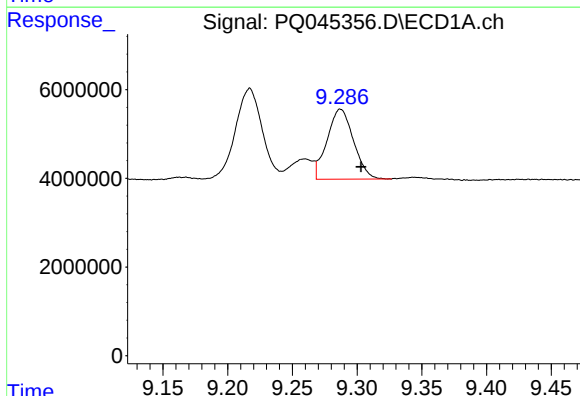
R.T.: 8.782 min
Delta R.T.: -0.013 min
Response: 7582650
Conc: 36.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



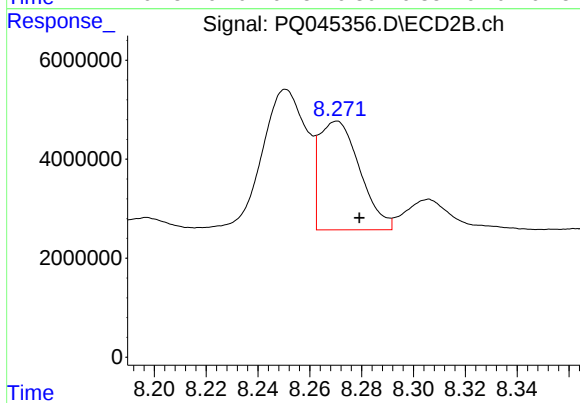
#36 AR-1262-1

R.T.: 7.719 min
Delta R.T.: -0.007 min
Response: 232015685
Conc: 916.72 ng/ml



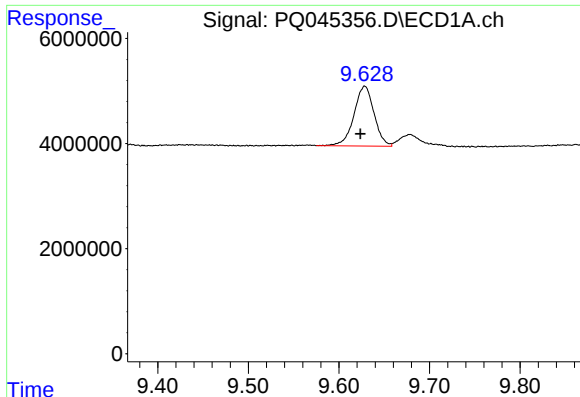
#37 AR-1262-2

R.T.: 9.287 min
Delta R.T.: -0.016 min
Response: 22497144
Conc: 24.91 ng/ml



#37 AR-1262-2

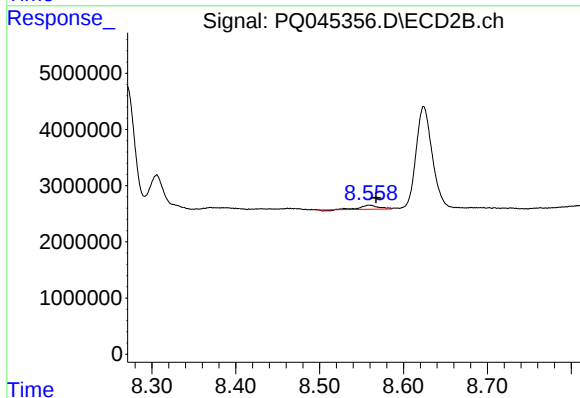
R.T.: 8.270 min
Delta R.T.: -0.009 min
Response: 23953514
Conc: 24.28 ng/ml



#38 AR-1262-3

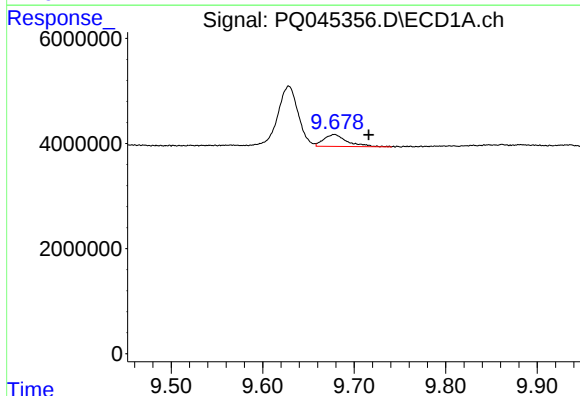
R.T.: 9.629 min
Delta R.T.: 0.005 min
Response: 17543193
Conc: 28.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



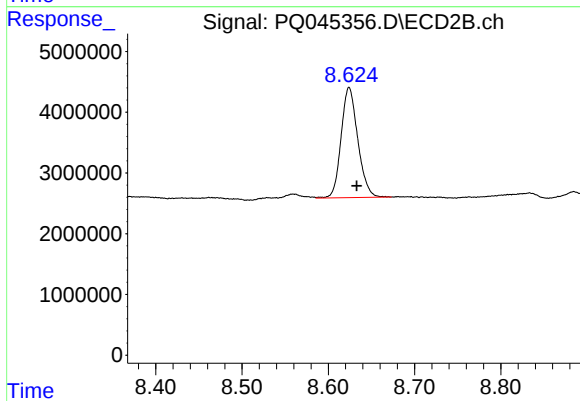
#38 AR-1262-3

R.T.: 8.559 min
Delta R.T.: -0.008 min
Response: 1060441
Conc: 2.75 ng/ml



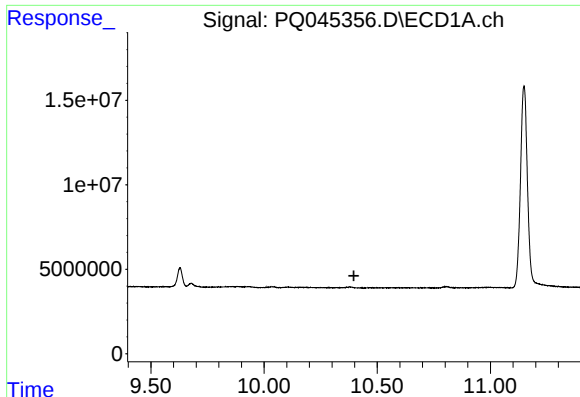
#39 AR-1262-4

R.T.: 9.678 min
Delta R.T.: -0.037 min
Response: 4024830
Conc: 8.86 ng/ml



#39 AR-1262-4

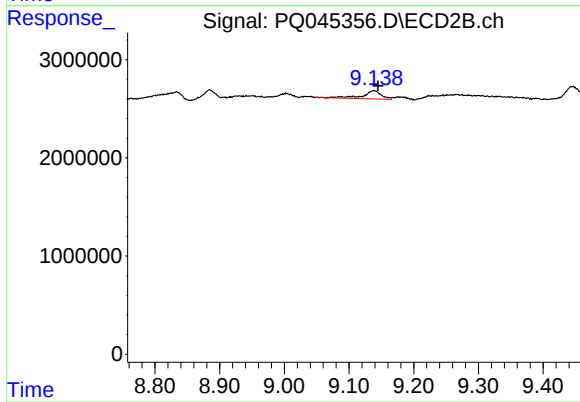
R.T.: 8.624 min
Delta R.T.: -0.009 min
Response: 24391506
Conc: 33.11 ng/ml



#40 AR-1262-5

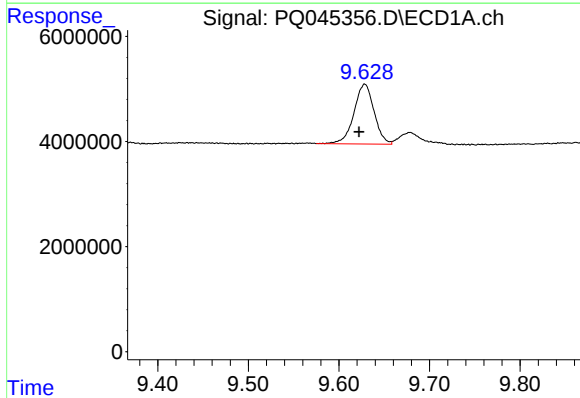
R.T.: 0.000 min
Exp R.T.: 10.397 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



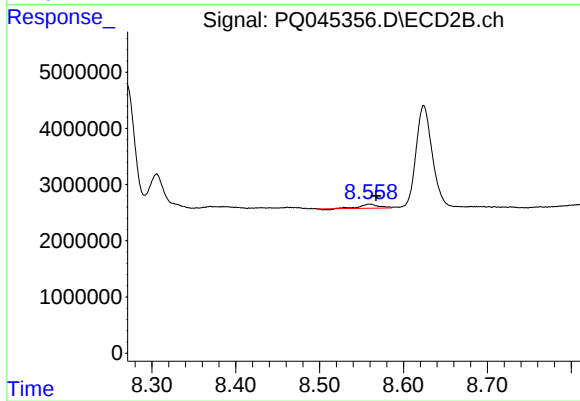
#40 AR-1262-5

R.T.: 9.138 min
Delta R.T.: -0.007 min
Response: 1705792
Conc: 4.90 ng/ml



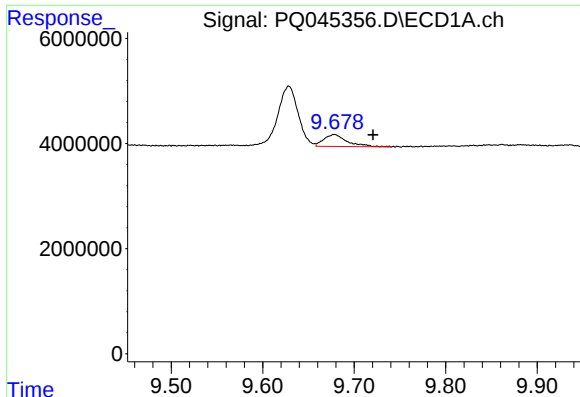
#41 AR-1268-1

R.T.: 9.629 min
Delta R.T.: 0.006 min
Response: 17543193
Conc: 15.71 ng/ml



#41 AR-1268-1

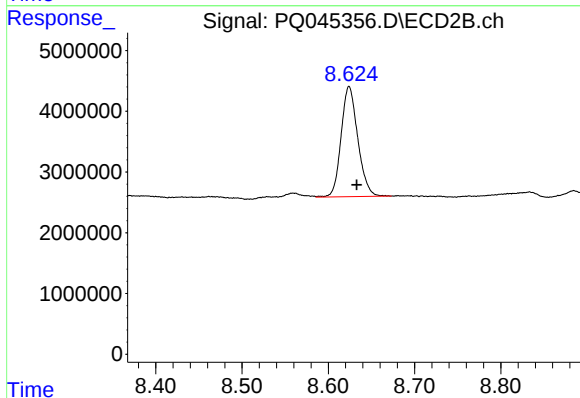
R.T.: 8.559 min
Delta R.T.: -0.008 min
Response: 1060441
Conc: 0.88 ng/ml



#42 AR-1268-2

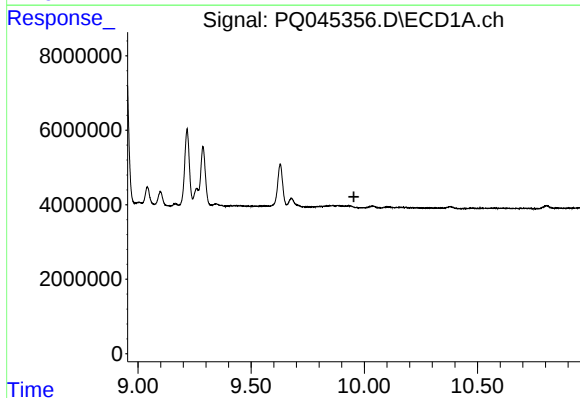
R.T.: 9.678 min
Delta R.T.: -0.042 min
Response: 4024830
Conc: 3.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



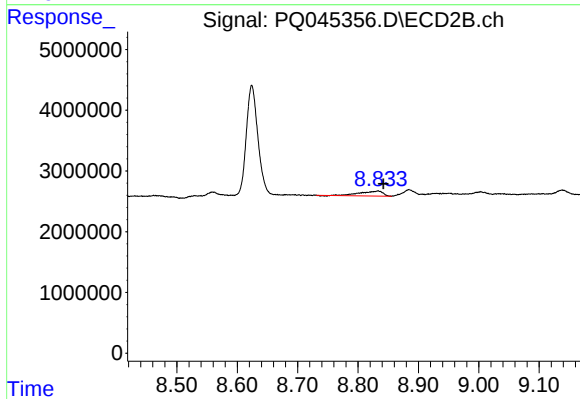
#42 AR-1268-2

R.T.: 8.624 min
Delta R.T.: -0.009 min
Response: 24391506
Conc: 21.90 ng/ml



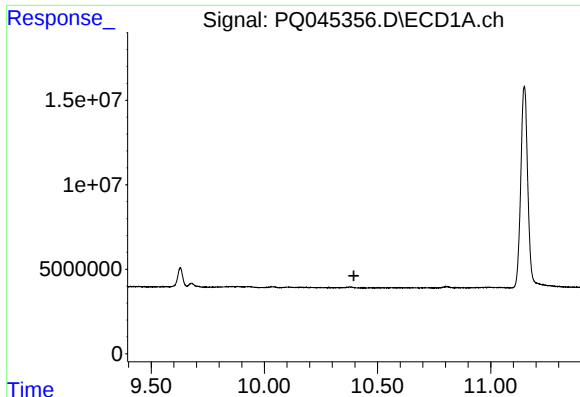
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.954 min
Response: 0
Conc: N.D.



#43 AR-1268-3

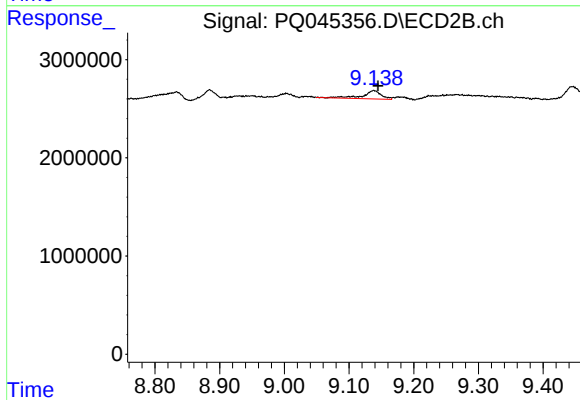
R.T.: 8.833 min
Delta R.T.: -0.009 min
Response: 2182055
Conc: 2.35 ng/ml



#44 AR-1268-4

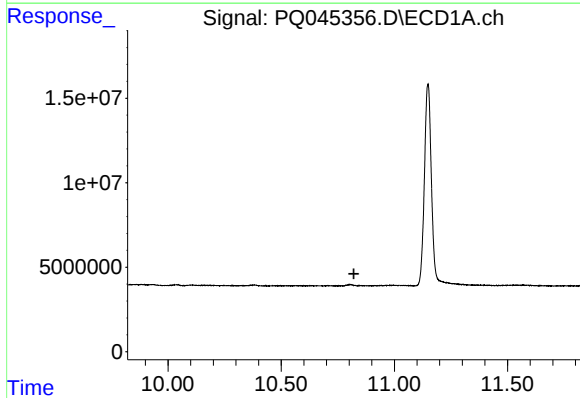
R.T.: 0.000 min
Exp R.T. : 10.395 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



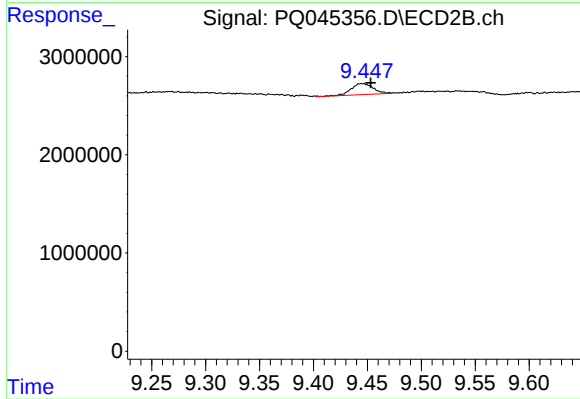
#44 AR-1268-4

R.T.: 9.138 min
Delta R.T.: -0.007 min
Response: 1705792
Conc: 4.24 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.821 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.445 min
Delta R.T.: -0.008 min
Response: 1586437
Conc: 0.52 ng/ml