

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072419\
 Data File : PQ041497.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2019 23:08
 Operator : SM\AJ
 Sample : K3893-16
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BEP20

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 00:51:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 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...	5.703	4.759	37831287	33804207	9.883	11.245
2)	SA Decachlor...	12.108	10.523	204.9E6	96946453	19.812	21.275
Target Compounds							
3)	L1 AR-1016-1	7.182	0.000	37479772	0	214.744	N.D. #
4)	L1 AR-1016-2	7.182	0.000	37479772	0	142.119	N.D. #
5)	L1 AR-1016-3	7.254	6.454	25715138	1477474	158.958	13.086 #
6)	L1 AR-1016-4	7.353	6.505	7926683	8907422	58.817	97.706 #
7)	L1 AR-1016-5	7.691	6.757	8412055	8839268	63.215	73.550
10)	L2 AR-1221-3	0.000	5.357	0	9653510	N.D.	91.119 #
11)	L3 AR-1232-1	0.000	5.357	0	9653510	N.D.	127.249 #
13)	L3 AR-1232-3	7.182	6.454	37479772	1477474	331.149	30.696 #
14)	L3 AR-1232-4	7.353	6.553	7926683	6374162	134.105	147.842
15)	L3 AR-1232-5	7.464	6.757	40768888	8839268	1104.701	182.737 #
16)	L4 AR-1242-1	7.182	0.000	37479772	0	299.218	N.D. #
17)	L4 AR-1242-2	7.182	0.000	37479772	0	196.813	N.D. #
18)	L4 AR-1242-3	7.254	6.454	25715138	1477474	217.494	17.704 #
19)	L4 AR-1242-4	7.353	6.553	7926683	6374162	80.870	78.259
20)	L4 AR-1242-5	8.181	7.166	15578856	8852686	117.508	70.918 #
21)	L5 AR-1248-1	7.182	0.000	37479772	0	404.058	N.D. #
22)	L5 AR-1248-2	7.464	6.505	40768888	8907422	331.298	79.520 #
23)	L5 AR-1248-3	7.691	6.553	8412055	6374162	53.568	55.222
24)	L5 AR-1248-4	8.139	6.757	7024535	8839268	32.520	61.063 #
25)	L5 AR-1248-5	8.181	7.213	15578856	8665823	73.154	51.496 #
26)	L6 AR-1254-1	8.110	7.166	10249106	8852686	50.563	34.811 #
27)	L6 AR-1254-2	8.385	7.334	317.7E6	8701032	919.884	38.031 #
28)	L6 AR-1254-3	8.740	7.781	27772897	17914619	67.022	44.137 #
29)	L6 AR-1254-4	9.044	8.030	28414613	9522110	78.509	34.855 #
30)	L6 AR-1254-5	9.477	8.477	44481912	9511469	110.781	23.822 #
31)	L7 AR-1260-1	8.914	7.924	3944028	10004989	13.055	37.619 #
32)	L7 AR-1260-2	9.184	8.127	19540385	6352165	42.630	17.506 #
33)	L7 AR-1260-3	9.527	8.292	75093778	4023968	176.862	12.814 #
34)	L7 AR-1260-4	9.792	8.790	77256266	5132747	183.529	18.030 #
35)	L7 AR-1260-5	10.156	9.040	232.8E6	7155498	217.819	9.623 #
36)	L8 AR-1262-1	9.686	8.578	96446107	2269156	392.831	11.798 #
37)	L8 AR-1262-2	10.156	9.040	232.8E6	7155498	191.659	8.517 #
38)	L8 AR-1262-3	0.000	9.334	0	3639722	N.D.	10.348 #
39)	L8 AR-1262-4	10.609	9.403	878.2E6	8944880	1348.078	15.220 #
40)	L8 AR-1262-5	0.000	9.928	0	3440959	N.D.	14.340 #
41)	L9 AR-1268-1	0.000	9.334	0	3639722	N.D.	3.185 #
42)	L9 AR-1268-2	10.609	9.403	878.2E6	8944880	550.393	9.205 #
43)	L9 AR-1268-3	0.000	9.646	0	2268744	N.D.	2.842 #
44)	L9 AR-1268-4	0.000	9.928	0	3440959	N.D.	11.213 #

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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BEP20

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 00:51:28 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 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

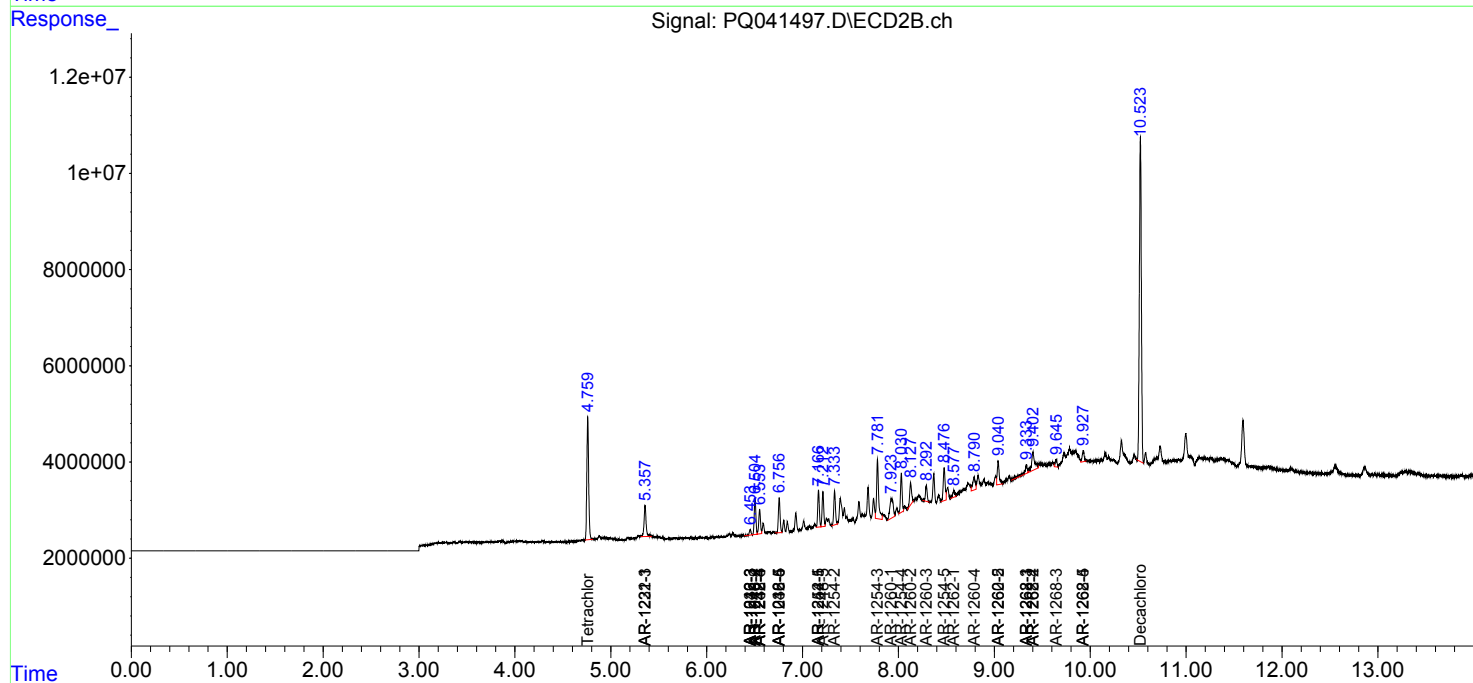
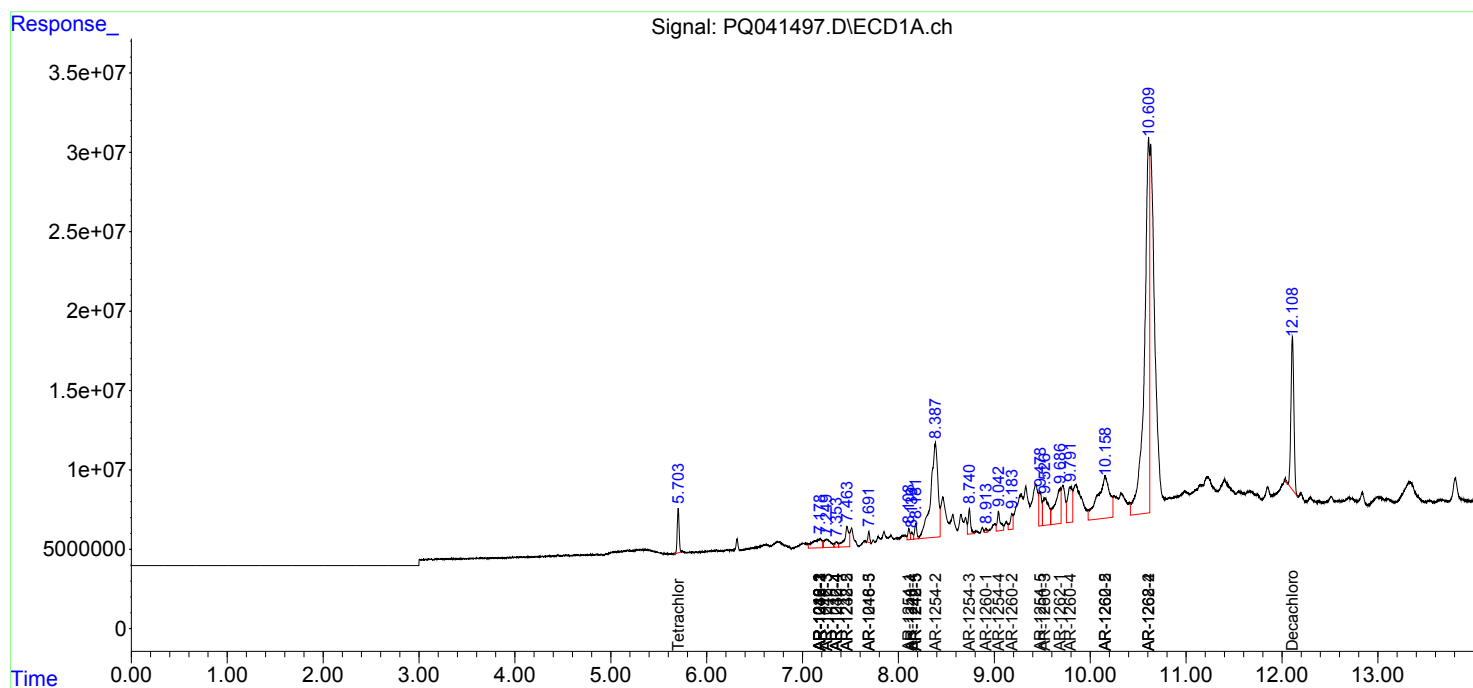
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

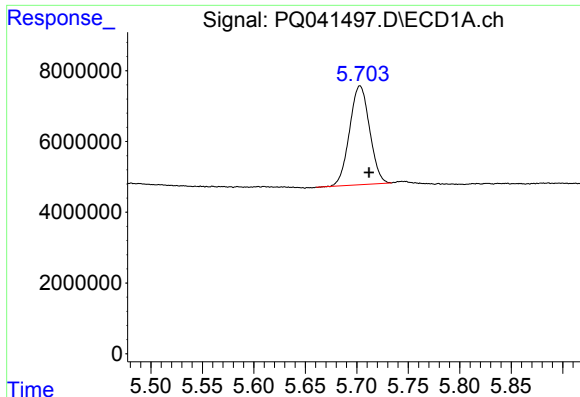
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072419\
Data File : PQ041497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2019 23:08
Operator : SM\AJ
Sample : K3893-16
Misc :
ALS Vial : 42 Sample Multiplier: 1

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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

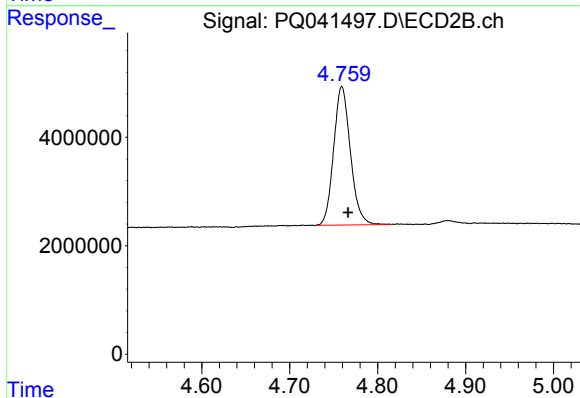




#1 Tetrachloro-m-xylene

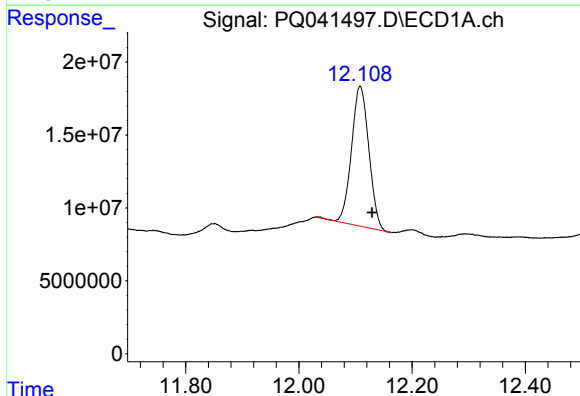
R.T.: 5.703 min
Delta R.T.: -0.009 min
Response: 37831287
Conc: 9.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP20



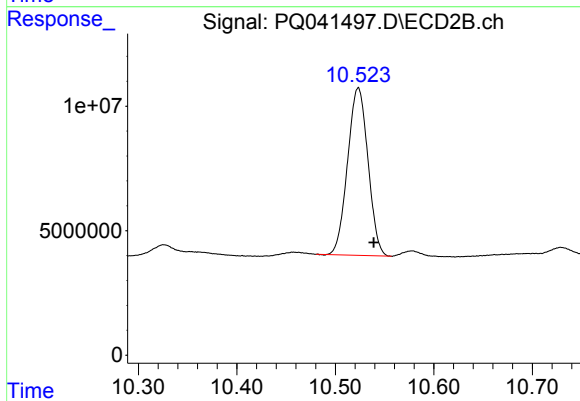
#1 Tetrachloro-m-xylene

R.T.: 4.759 min
Delta R.T.: -0.007 min
Response: 33804207
Conc: 11.25 ng/ml



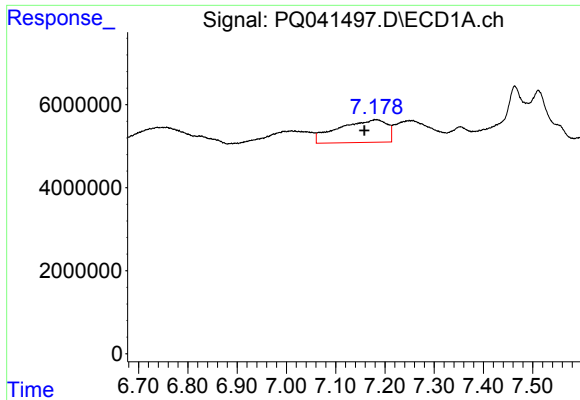
#2 Decachlorobiphenyl

R.T.: 12.108 min
Delta R.T.: -0.021 min
Response: 204931734
Conc: 19.81 ng/ml



#2 Decachlorobiphenyl

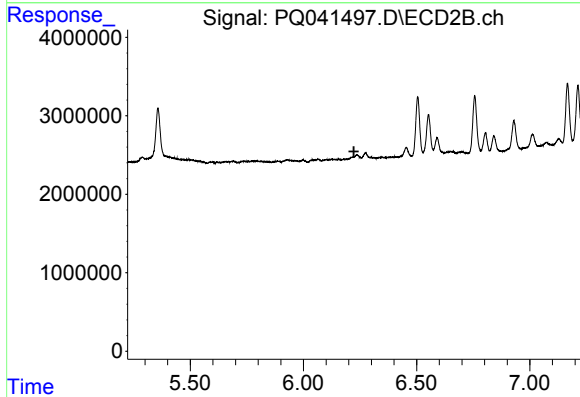
R.T.: 10.523 min
Delta R.T.: -0.016 min
Response: 96946453
Conc: 21.28 ng/ml



#3 AR-1016-1

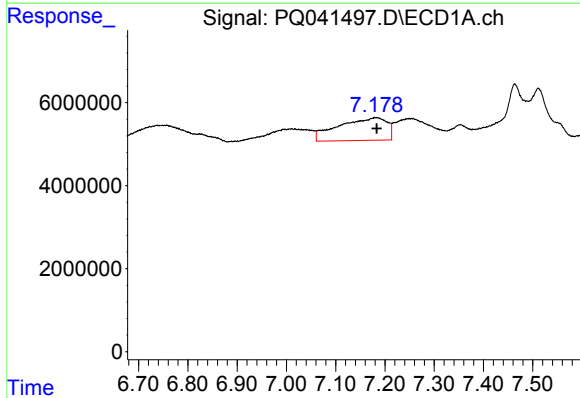
R.T.: 7.182 min
Delta R.T.: 0.024 min
Response: 37479772
Conc: 214.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP20



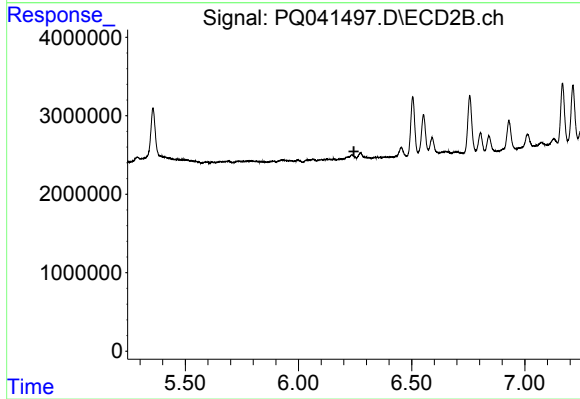
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 6.223 min
Response: 0
Conc: N.D.



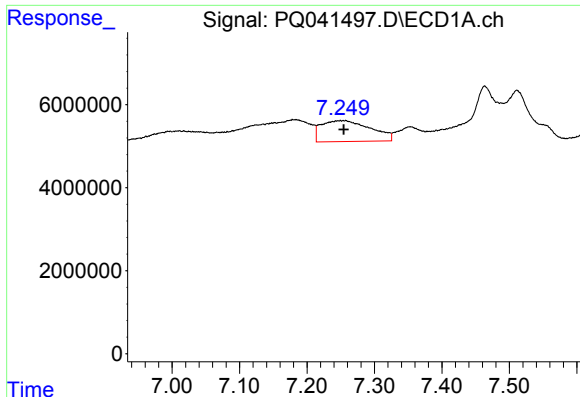
#4 AR-1016-2

R.T.: 7.182 min
Delta R.T.: -0.001 min
Response: 37479772
Conc: 142.12 ng/ml



#4 AR-1016-2

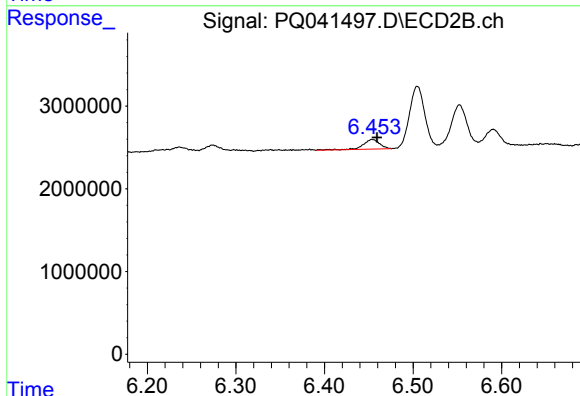
R.T.: 0.000 min
Exp R.T. : 6.245 min
Response: 0
Conc: N.D.



#5 AR-1016-3

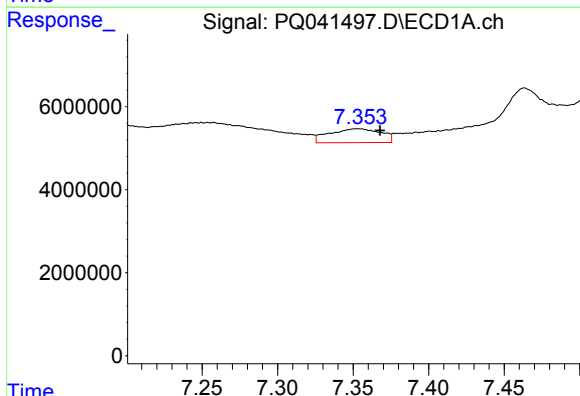
R.T.: 7.254 min
Delta R.T.: 0.000 min
Response: 25715138
Conc: 158.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP20



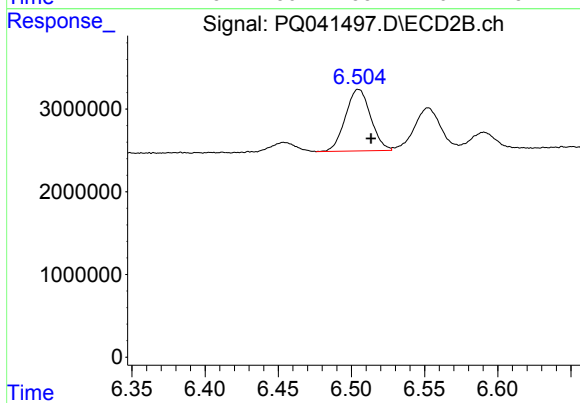
#5 AR-1016-3

R.T.: 6.454 min
Delta R.T.: -0.006 min
Response: 1477474
Conc: 13.09 ng/ml



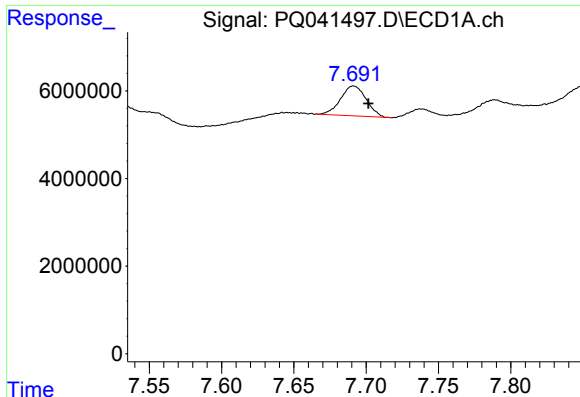
#6 AR-1016-4

R.T.: 7.353 min
Delta R.T.: -0.015 min
Response: 7926683
Conc: 58.82 ng/ml



#6 AR-1016-4

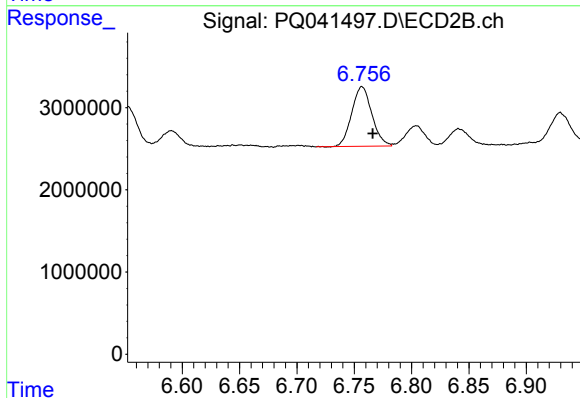
R.T.: 6.505 min
Delta R.T.: -0.009 min
Response: 8907422
Conc: 97.71 ng/ml



#7 AR-1016-5

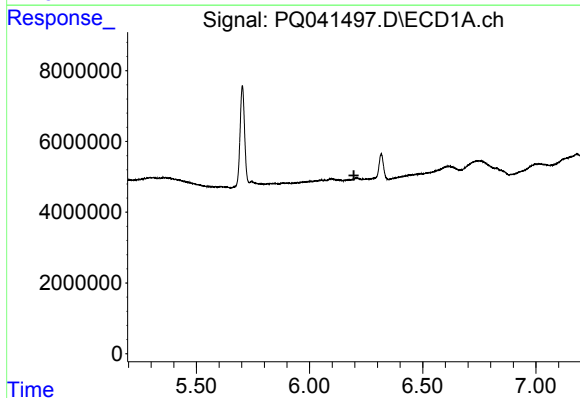
R.T.: 7.691 min
Delta R.T.: -0.010 min
Response: 8412055
Conc: 63.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP20



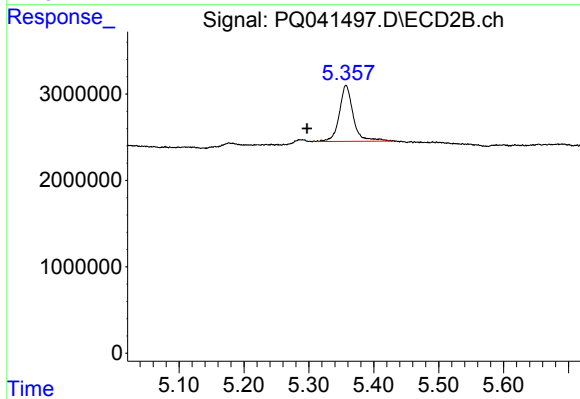
#7 AR-1016-5

R.T.: 6.757 min
Delta R.T.: -0.009 min
Response: 8839268
Conc: 73.55 ng/ml



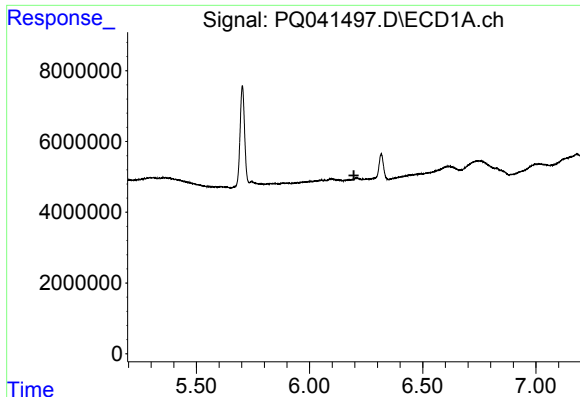
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.196 min
Response: 0
Conc: N.D.



#10 AR-1221-3

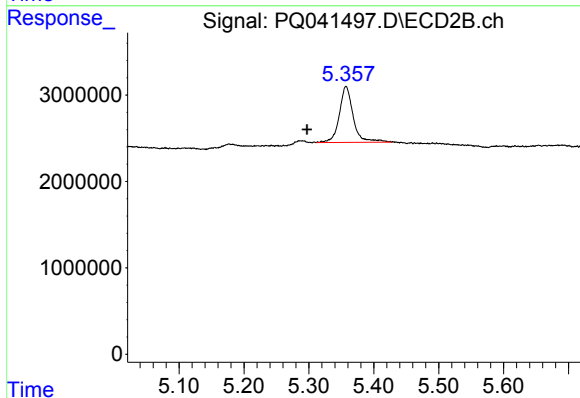
R.T.: 5.357 min
Delta R.T.: 0.060 min
Response: 9653510
Conc: 91.12 ng/ml



#11 AR-1232-1

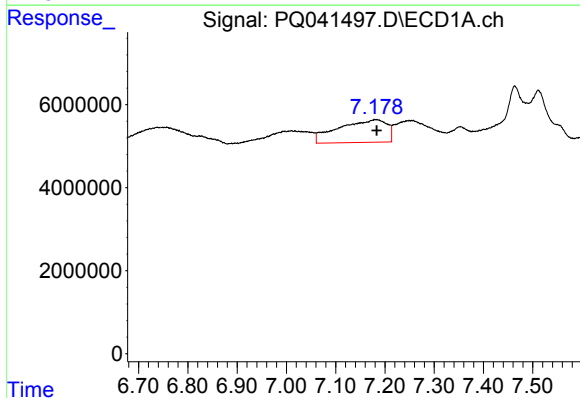
R.T.: 0.000 min
Exp R.T.: 6.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEP20



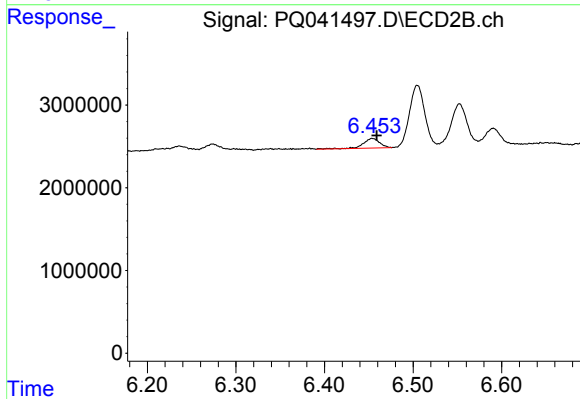
#11 AR-1232-1

R.T.: 5.357 min
Delta R.T.: 0.060 min
Response: 9653510
Conc: 127.25 ng/ml



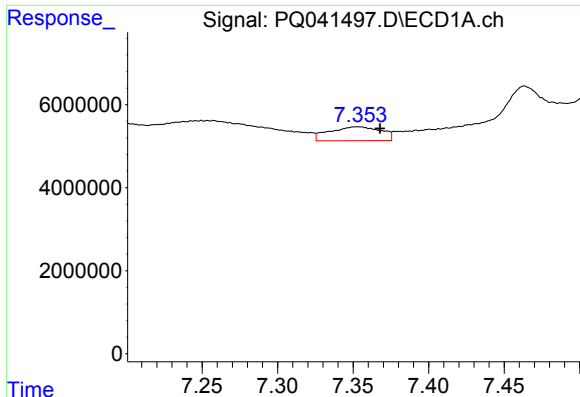
#13 AR-1232-3

R.T.: 7.182 min
Delta R.T.: -0.001 min
Response: 37479772
Conc: 331.15 ng/ml



#13 AR-1232-3

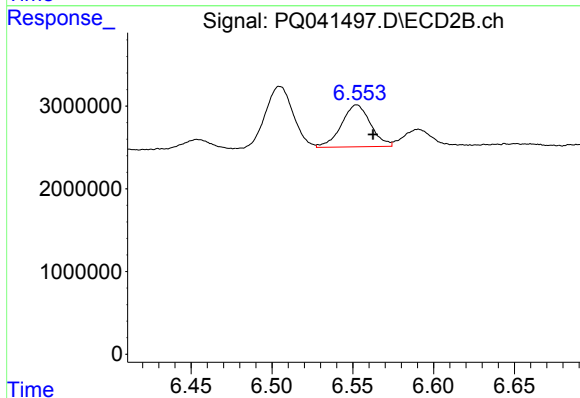
R.T.: 6.454 min
Delta R.T.: -0.005 min
Response: 1477474
Conc: 30.70 ng/ml



#14 AR-1232-4

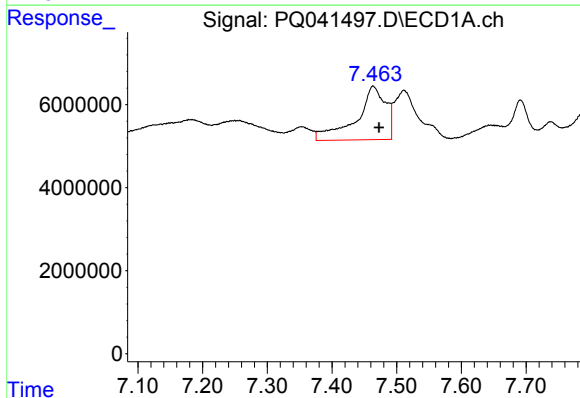
R.T.: 7.353 min
Delta R.T.: -0.015 min
Response: 7926683
Conc: 134.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP20



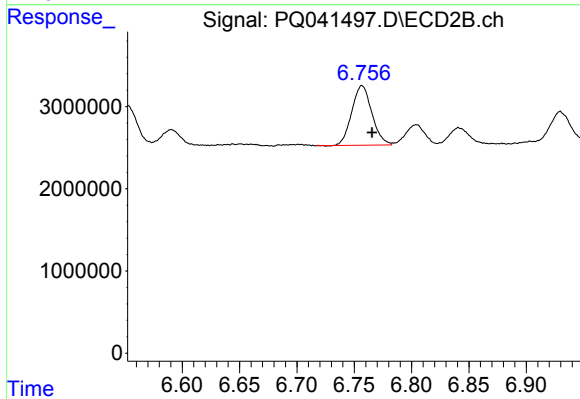
#14 AR-1232-4

R.T.: 6.553 min
Delta R.T.: -0.010 min
Response: 6374162
Conc: 147.84 ng/ml



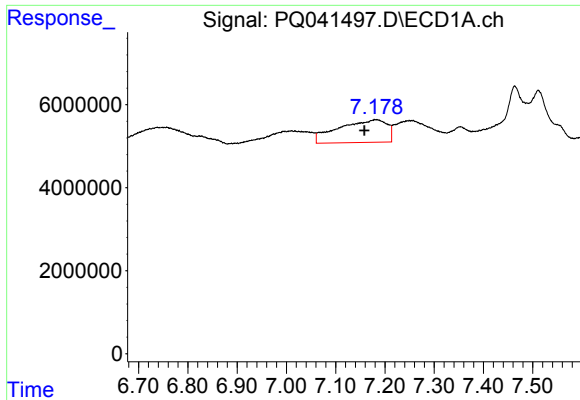
#15 AR-1232-5

R.T.: 7.464 min
Delta R.T.: -0.009 min
Response: 40768888
Conc: 1104.70 ng/ml



#15 AR-1232-5

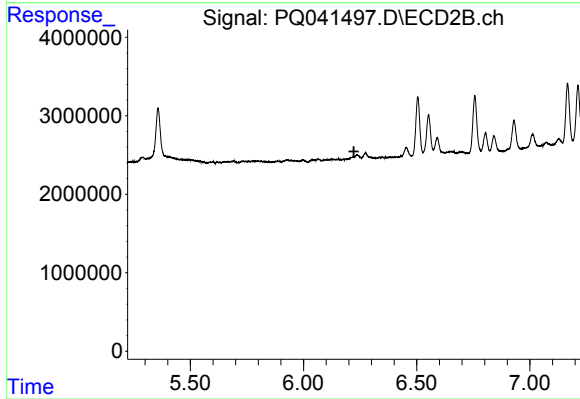
R.T.: 6.757 min
Delta R.T.: -0.009 min
Response: 8839268
Conc: 182.74 ng/ml



#16 AR-1242-1

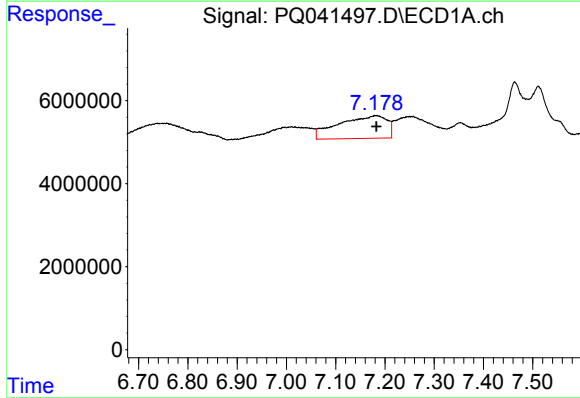
R.T.: 7.182 min
Delta R.T.: 0.024 min
Response: 37479772
Conc: 299.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP20



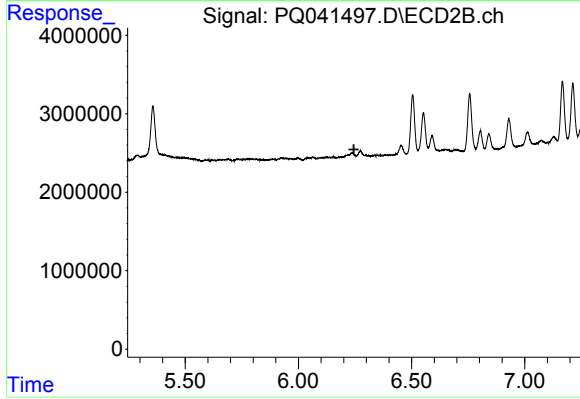
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.222 min
Response: 0
Conc: N.D.



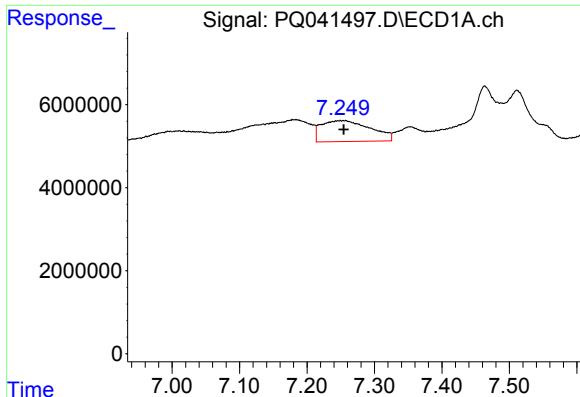
#17 AR-1242-2

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 37479772
Conc: 196.81 ng/ml



#17 AR-1242-2

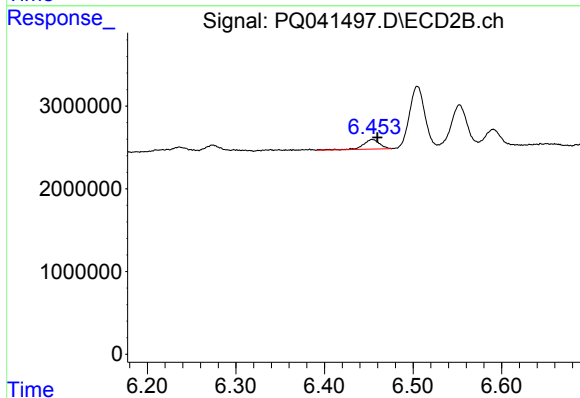
R.T.: 0.000 min
Exp R.T. : 6.245 min
Response: 0
Conc: N.D.



#18 AR-1242-3

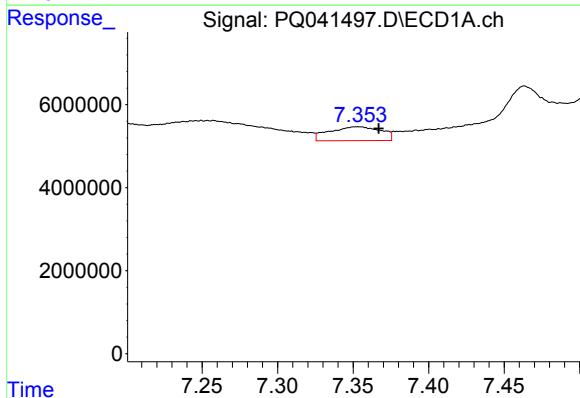
R.T.: 7.254 min
Delta R.T.: 0.000 min
Response: 25715138
Conc: 217.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP20



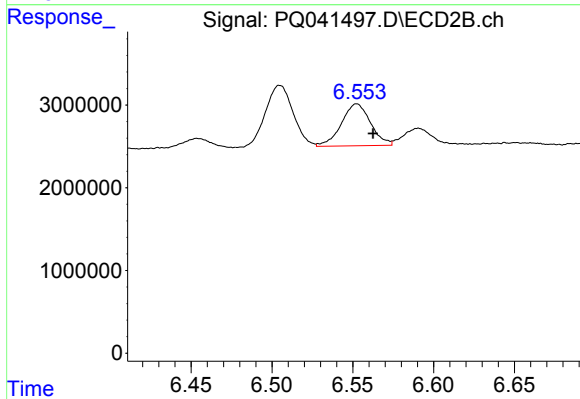
#18 AR-1242-3

R.T.: 6.454 min
Delta R.T.: -0.006 min
Response: 1477474
Conc: 17.70 ng/ml



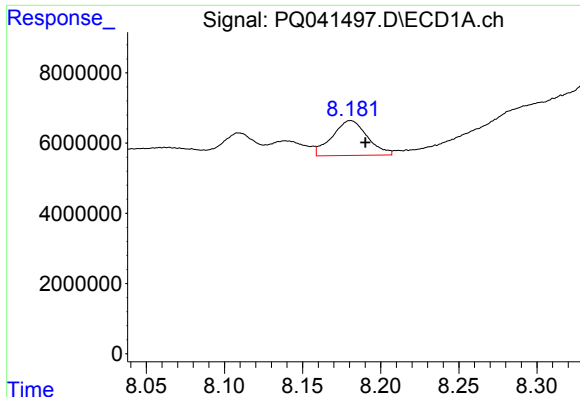
#19 AR-1242-4

R.T.: 7.353 min
Delta R.T.: -0.014 min
Response: 7926683
Conc: 80.87 ng/ml



#19 AR-1242-4

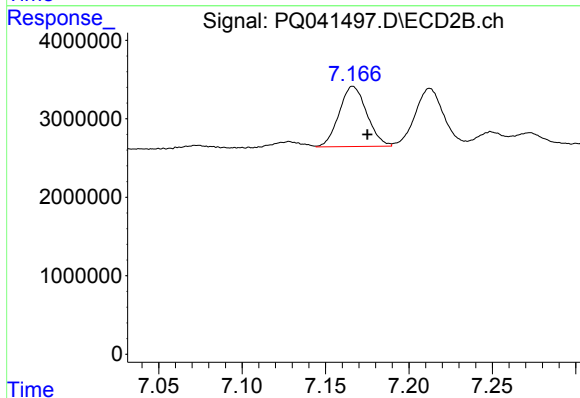
R.T.: 6.553 min
Delta R.T.: -0.010 min
Response: 6374162
Conc: 78.26 ng/ml



#20 AR-1242-5

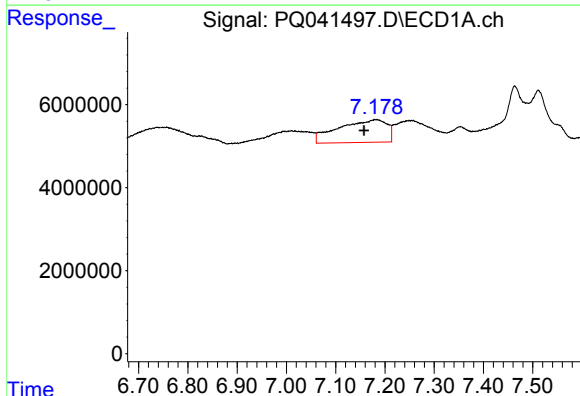
R.T.: 8.181 min
Delta R.T.: -0.010 min
Response: 15578856
Conc: 117.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP20



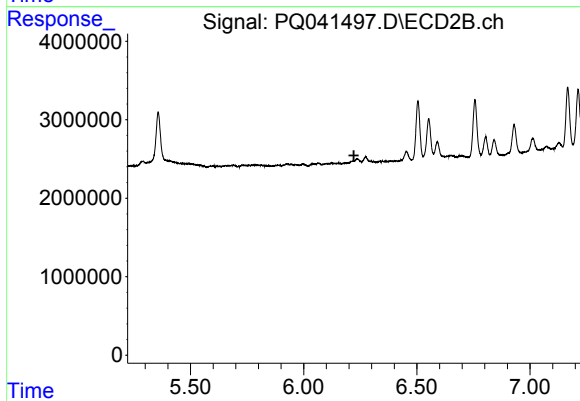
#20 AR-1242-5

R.T.: 7.166 min
Delta R.T.: -0.009 min
Response: 8852686
Conc: 70.92 ng/ml



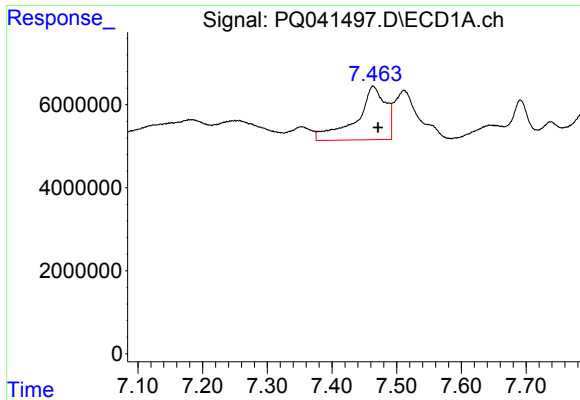
#21 AR-1248-1

R.T.: 7.182 min
Delta R.T.: 0.024 min
Response: 37479772
Conc: 404.06 ng/ml



#21 AR-1248-1

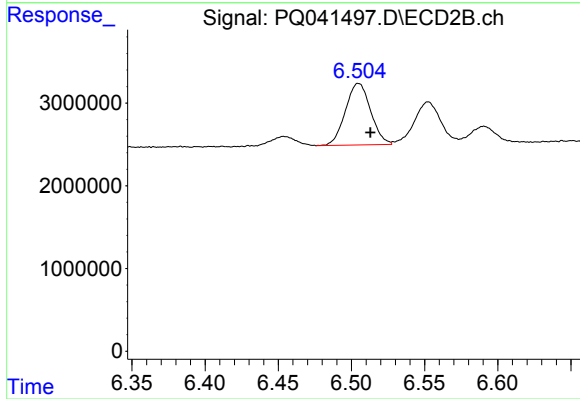
R.T.: 0.000 min
Exp R.T.: 6.222 min
Response: 0
Conc: N.D.



#22 AR-1248-2

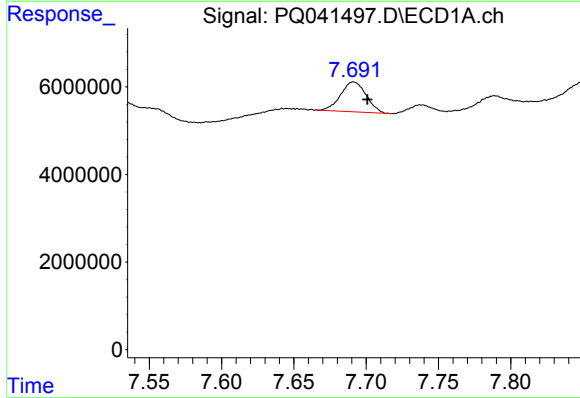
R.T.: 7.464 min
Delta R.T.: -0.007 min
Response: 40768888
Conc: 331.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP20



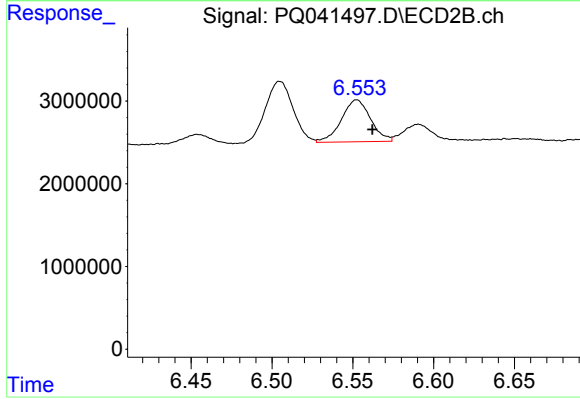
#22 AR-1248-2

R.T.: 6.505 min
Delta R.T.: -0.008 min
Response: 8907422
Conc: 79.52 ng/ml



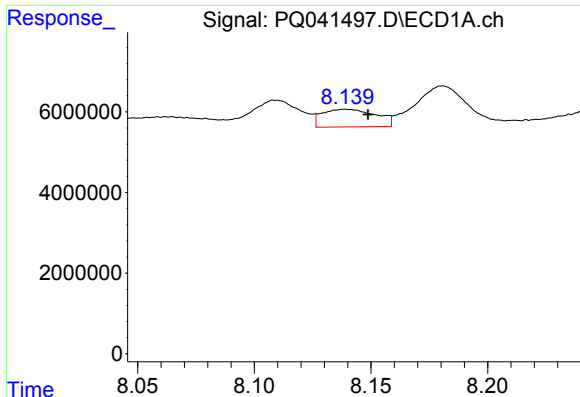
#23 AR-1248-3

R.T.: 7.691 min
Delta R.T.: -0.009 min
Response: 8412055
Conc: 53.57 ng/ml



#23 AR-1248-3

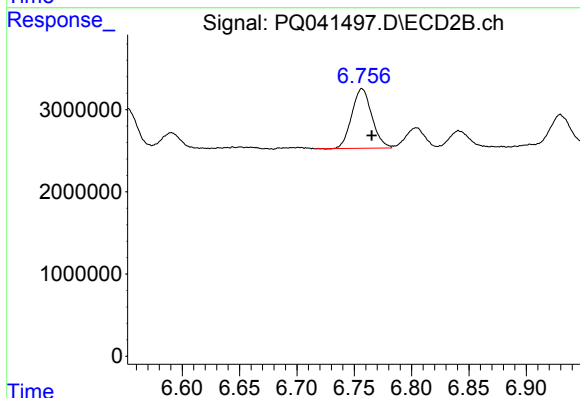
R.T.: 6.553 min
Delta R.T.: -0.010 min
Response: 6374162
Conc: 55.22 ng/ml



#24 AR-1248-4

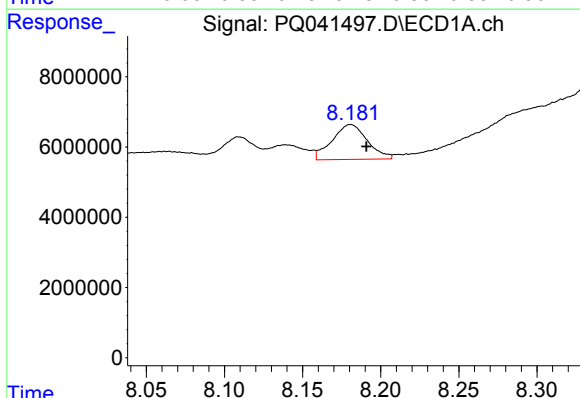
R.T.: 8.139 min
Delta R.T.: -0.010 min
Response: 7024535
Conc: 32.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP20



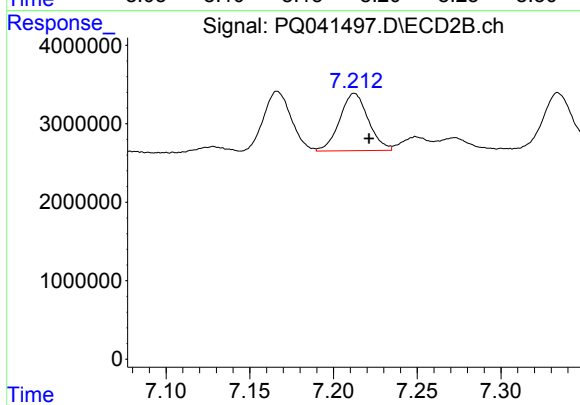
#24 AR-1248-4

R.T.: 6.757 min
Delta R.T.: -0.008 min
Response: 8839268
Conc: 61.06 ng/ml



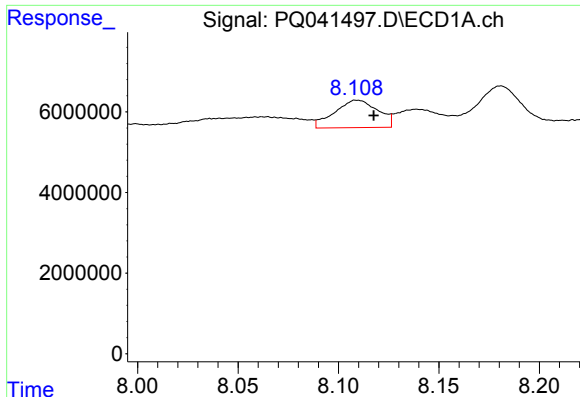
#25 AR-1248-5

R.T.: 8.181 min
Delta R.T.: -0.010 min
Response: 15578856
Conc: 73.15 ng/ml



#25 AR-1248-5

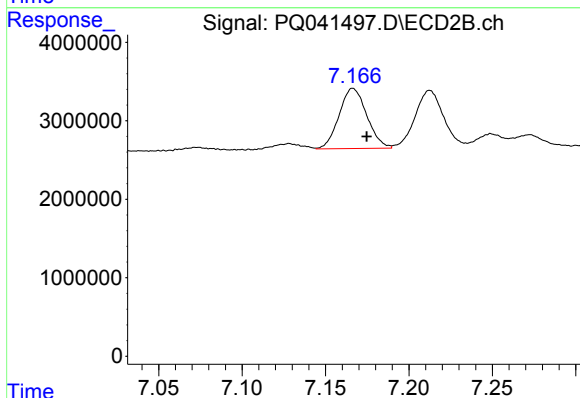
R.T.: 7.213 min
Delta R.T.: -0.009 min
Response: 8665823
Conc: 51.50 ng/ml



#26 AR-1254-1

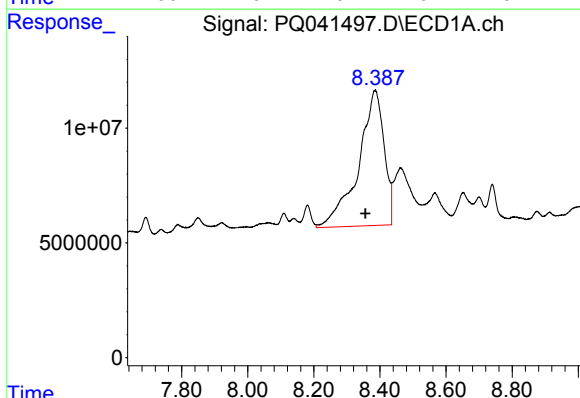
R.T.: 8.110 min
Delta R.T.: -0.008 min
Response: 10249106
Conc: 50.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP20



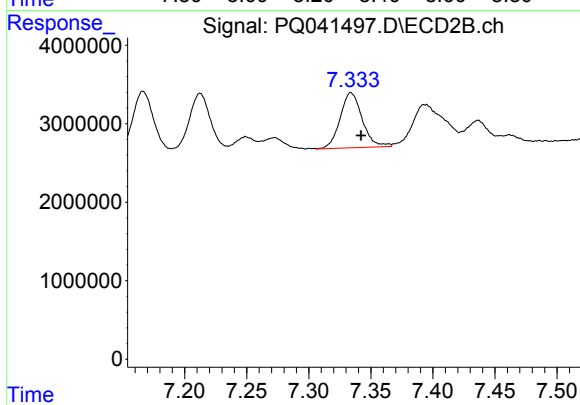
#26 AR-1254-1

R.T.: 7.166 min
Delta R.T.: -0.008 min
Response: 8852686
Conc: 34.81 ng/ml



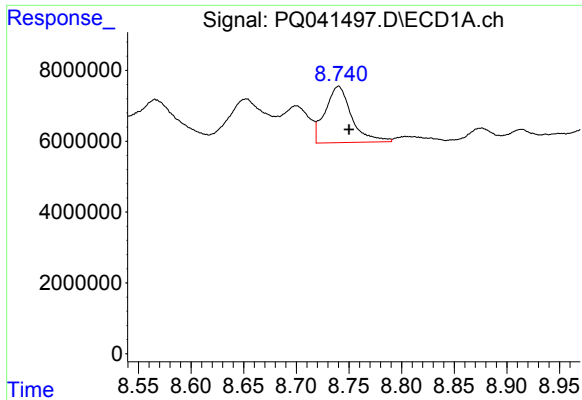
#27 AR-1254-2

R.T.: 8.385 min
Delta R.T.: 0.029 min
Response: 317722034
Conc: 919.88 ng/ml



#27 AR-1254-2

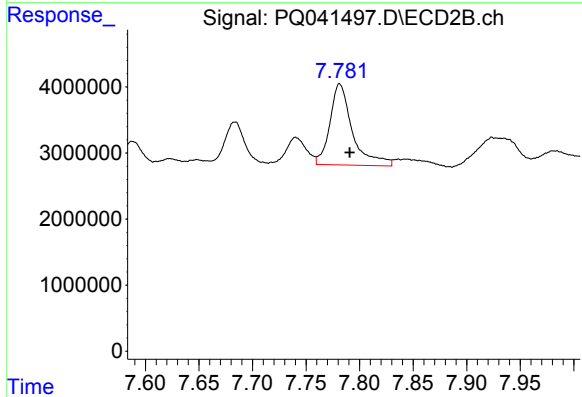
R.T.: 7.334 min
Delta R.T.: -0.008 min
Response: 8701032
Conc: 38.03 ng/ml



#28 AR-1254-3

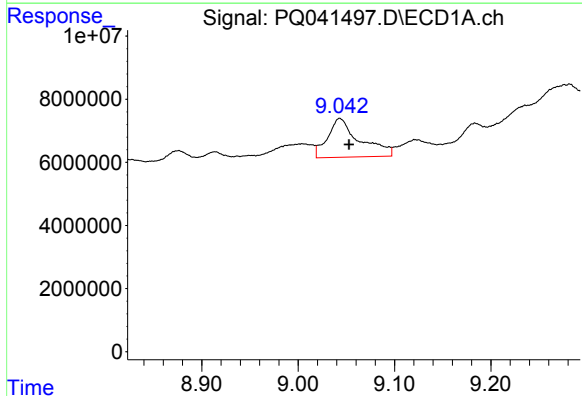
R.T.: 8.740 min
Delta R.T.: -0.010 min
Response: 27772897
Conc: 67.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP20



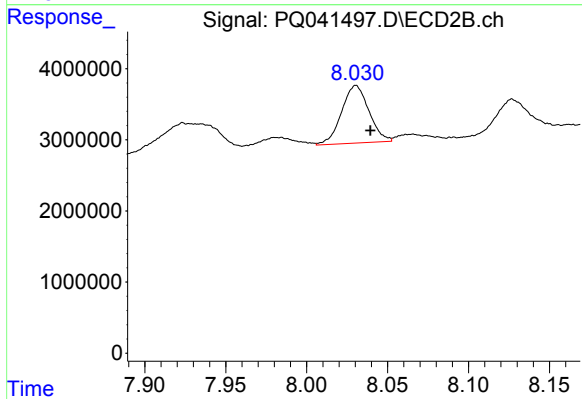
#28 AR-1254-3

R.T.: 7.781 min
Delta R.T.: -0.009 min
Response: 17914619
Conc: 44.14 ng/ml



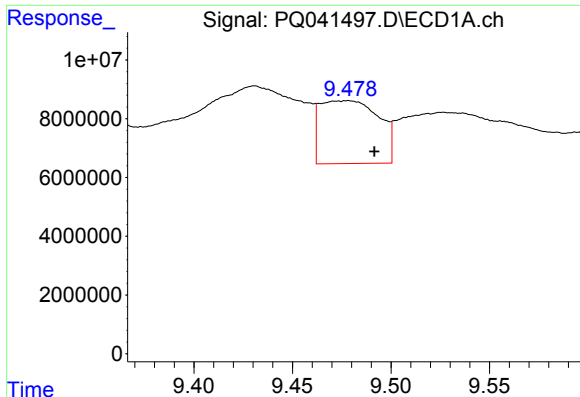
#29 AR-1254-4

R.T.: 9.044 min
Delta R.T.: -0.009 min
Response: 28414613
Conc: 78.51 ng/ml



#29 AR-1254-4

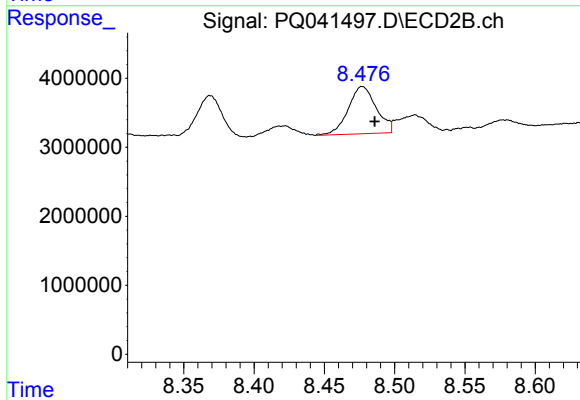
R.T.: 8.030 min
Delta R.T.: -0.009 min
Response: 9522110
Conc: 34.86 ng/ml



#30 AR-1254-5

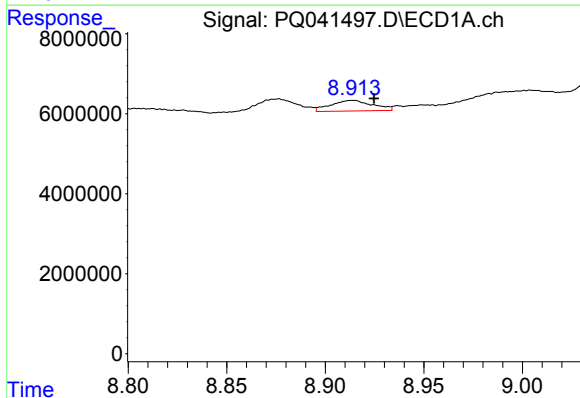
R.T.: 9.477 min
Delta R.T.: -0.015 min
Response: 44481912
Conc: 110.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP20



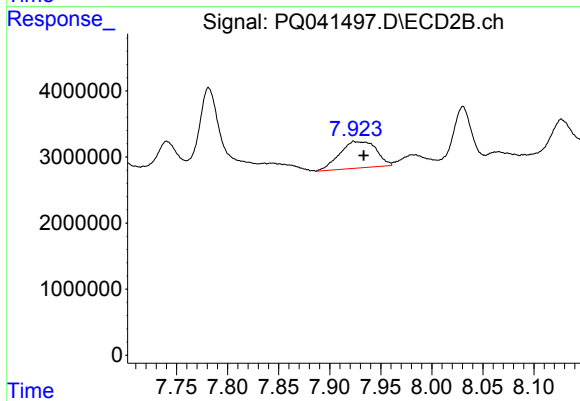
#30 AR-1254-5

R.T.: 8.477 min
Delta R.T.: -0.009 min
Response: 9511469
Conc: 23.82 ng/ml



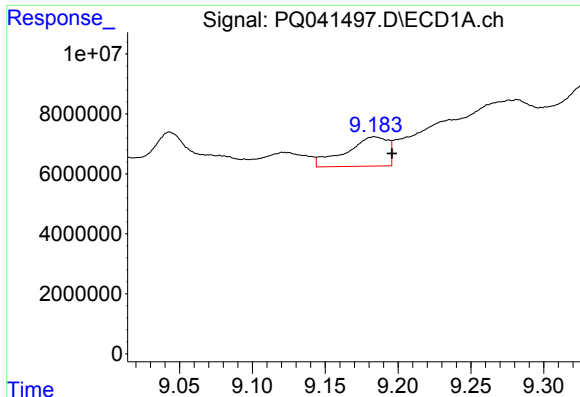
#31 AR-1260-1

R.T.: 8.914 min
Delta R.T.: -0.011 min
Response: 3944028
Conc: 13.05 ng/ml



#31 AR-1260-1

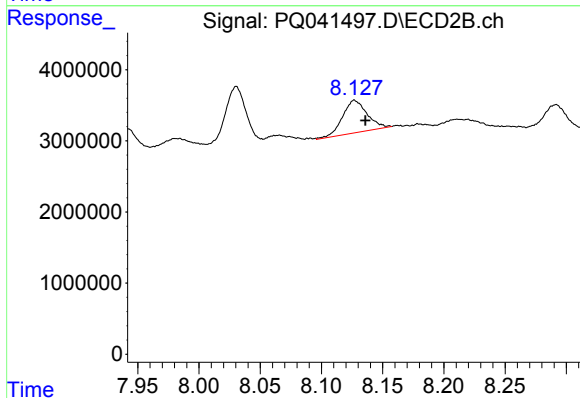
R.T.: 7.924 min
Delta R.T.: -0.010 min
Response: 10004989
Conc: 37.62 ng/ml



#32 AR-1260-2

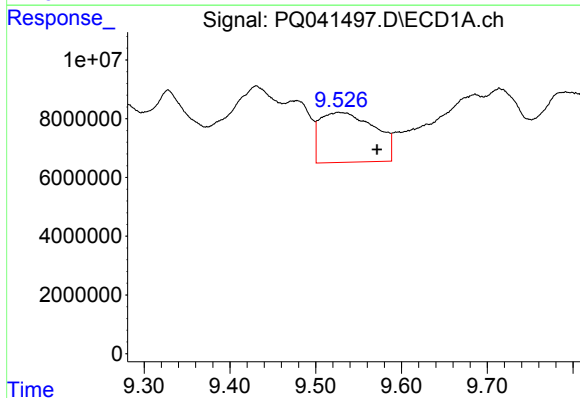
R.T.: 9.184 min
Delta R.T.: -0.012 min
Response: 19540385
Conc: 42.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP20



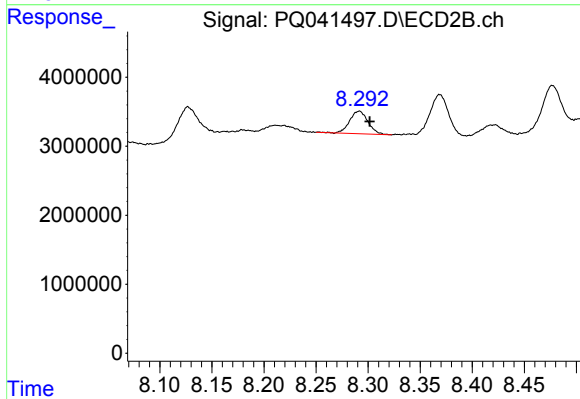
#32 AR-1260-2

R.T.: 8.127 min
Delta R.T.: -0.009 min
Response: 6352165
Conc: 17.51 ng/ml



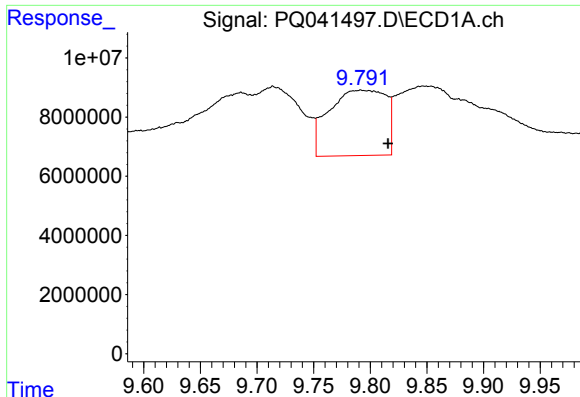
#33 AR-1260-3

R.T.: 9.527 min
Delta R.T.: -0.044 min
Response: 75093778
Conc: 176.86 ng/ml



#33 AR-1260-3

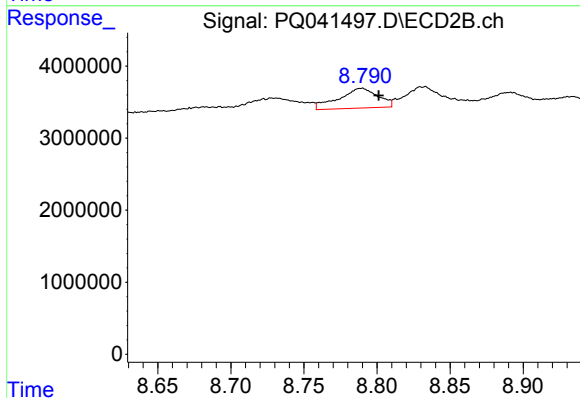
R.T.: 8.292 min
Delta R.T.: -0.010 min
Response: 4023968
Conc: 12.81 ng/ml



#34 AR-1260-4

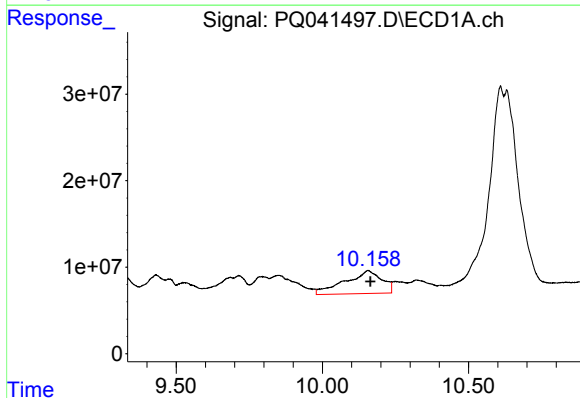
R.T.: 9.792 min
Delta R.T.: -0.024 min
Response: 77256266
Conc: 183.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP20



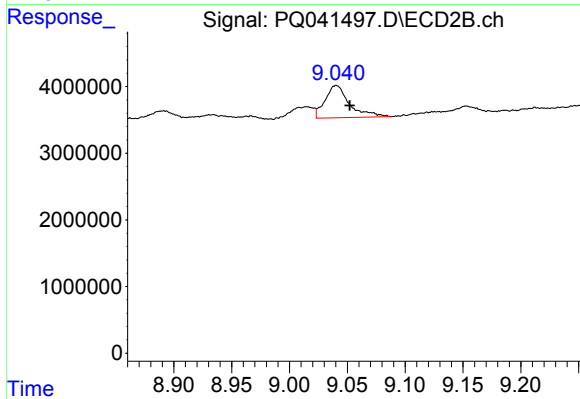
#34 AR-1260-4

R.T.: 8.790 min
Delta R.T.: -0.012 min
Response: 5132747
Conc: 18.03 ng/ml



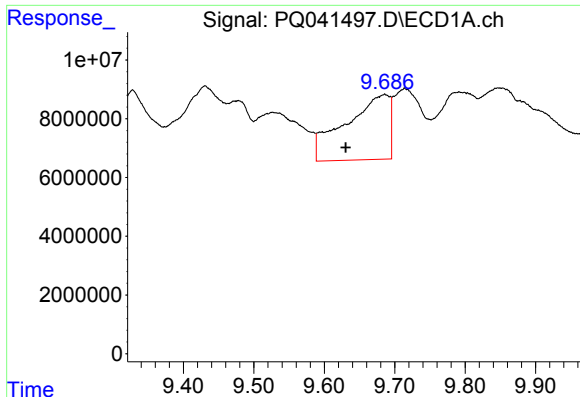
#35 AR-1260-5

R.T.: 10.156 min
Delta R.T.: -0.009 min
Response: 232757749
Conc: 217.82 ng/ml



#35 AR-1260-5

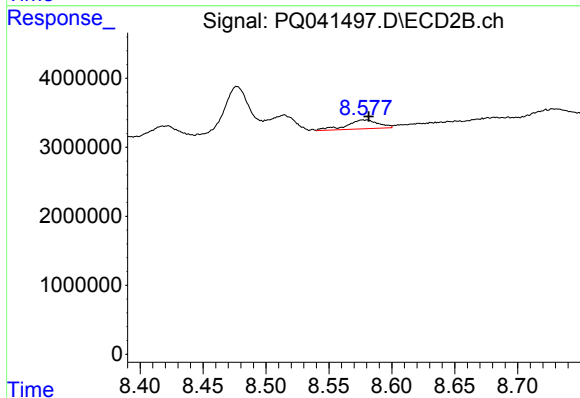
R.T.: 9.040 min
Delta R.T.: -0.012 min
Response: 7155498
Conc: 9.62 ng/ml



#36 AR-1262-1

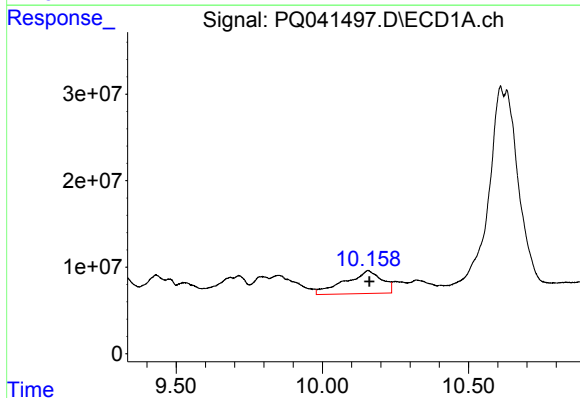
R.T.: 9.686 min
Delta R.T.: 0.055 min
Response: 96446107
Conc: 392.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP20



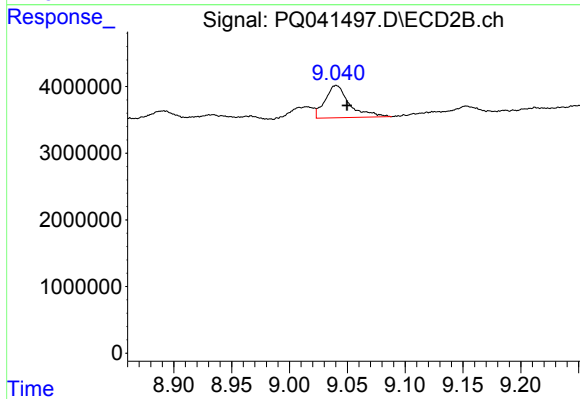
#36 AR-1262-1

R.T.: 8.578 min
Delta R.T.: -0.004 min
Response: 2269156
Conc: 11.80 ng/ml



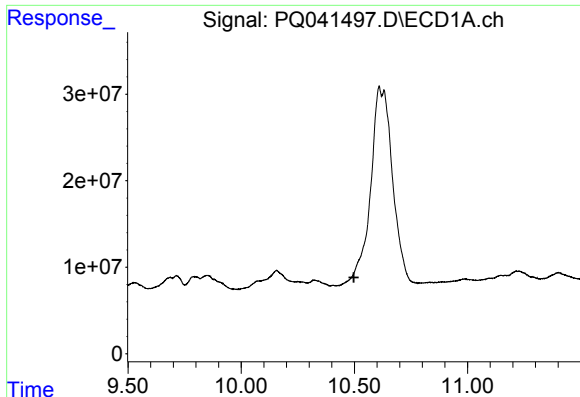
#37 AR-1262-2

R.T.: 10.156 min
Delta R.T.: -0.005 min
Response: 232757749
Conc: 191.66 ng/ml



#37 AR-1262-2

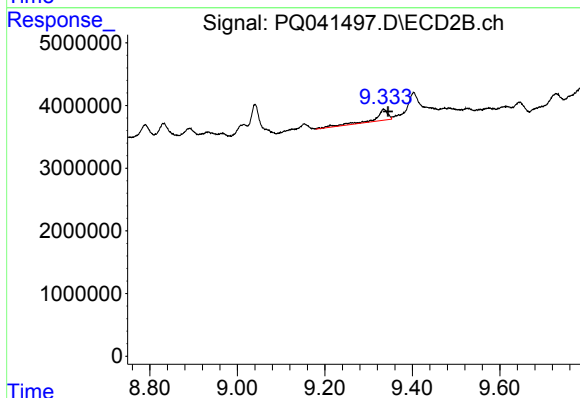
R.T.: 9.040 min
Delta R.T.: -0.009 min
Response: 7155498
Conc: 8.52 ng/ml



#38 AR-1262-3

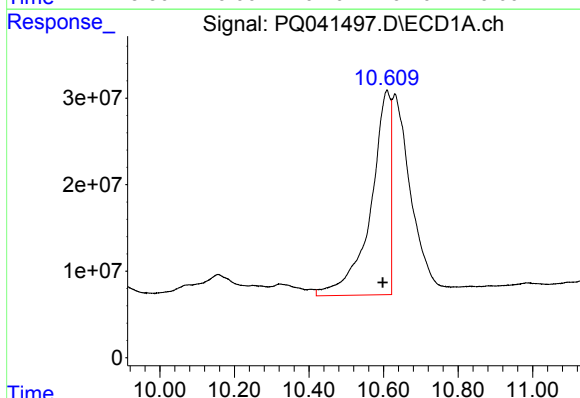
R.T.: 0.000 min
Exp R.T.: 10.498 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEP20



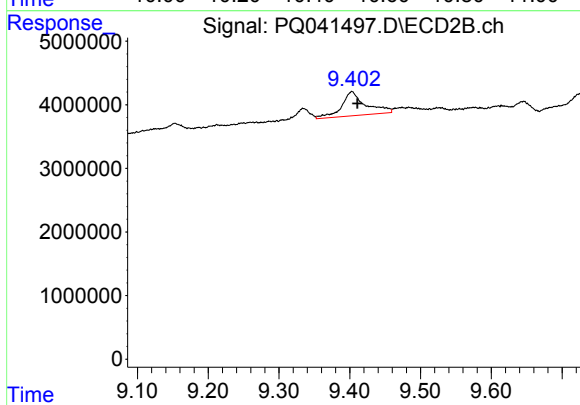
#38 AR-1262-3

R.T.: 9.334 min
Delta R.T.: -0.010 min
Response: 3639722
Conc: 10.35 ng/ml



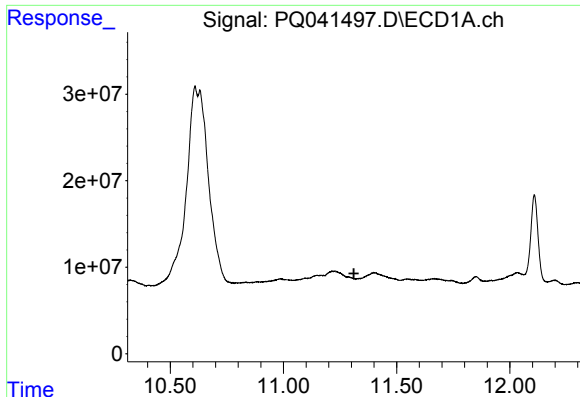
#39 AR-1262-4

R.T.: 10.609 min
Delta R.T.: 0.012 min
Response: 878230095
Conc: 1348.08 ng/ml



#39 AR-1262-4

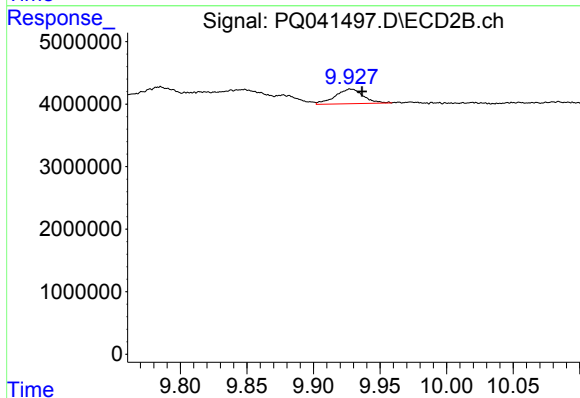
R.T.: 9.403 min
Delta R.T.: -0.008 min
Response: 8944880
Conc: 15.22 ng/ml



#40 AR-1262-5

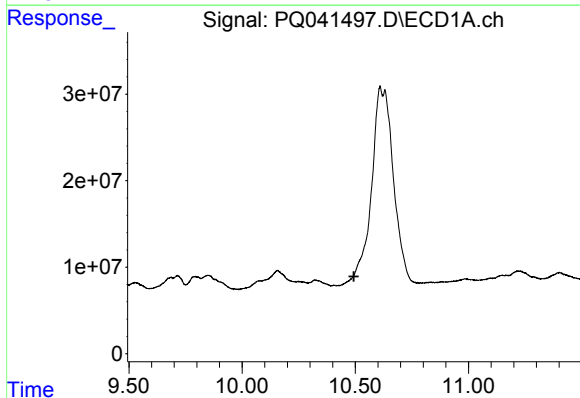
R.T.: 0.000 min
Exp R.T.: 11.311 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEP20



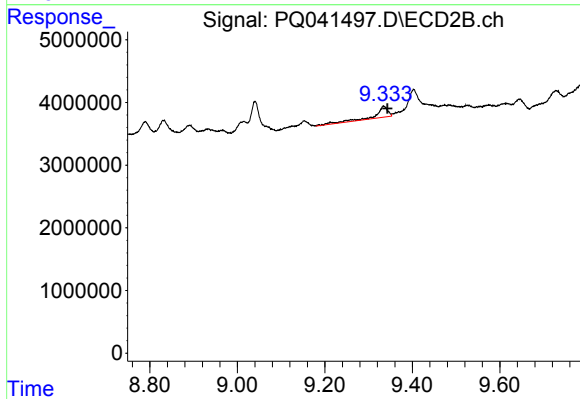
#40 AR-1262-5

R.T.: 9.928 min
Delta R.T.: -0.009 min
Response: 3440959
Conc: 14.34 ng/ml



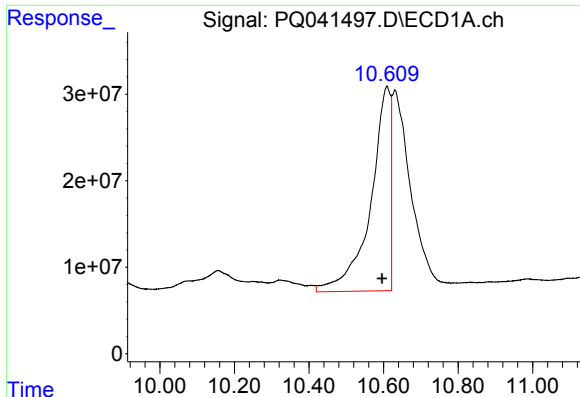
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 10.494 min
Response: 0
Conc: N.D.



#41 AR-1268-1

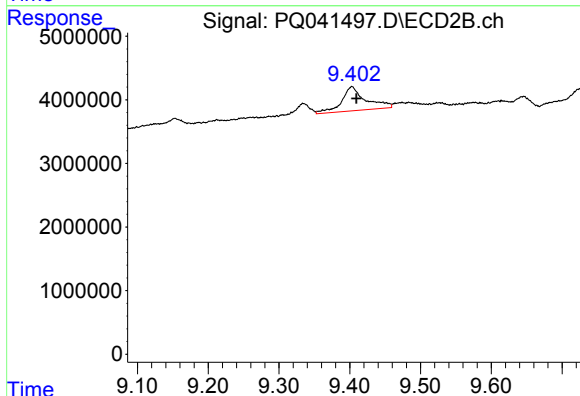
R.T.: 9.334 min
Delta R.T.: -0.009 min
Response: 3639722
Conc: 3.19 ng/ml



#42 AR-1268-2

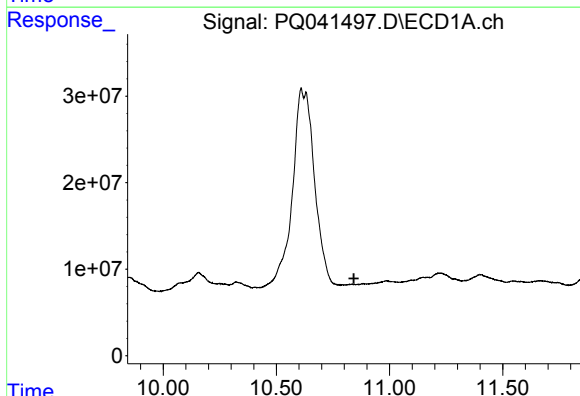
R.T.: 10.609 min
Delta R.T.: 0.013 min
Response: 878230095
Conc: 550.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP20



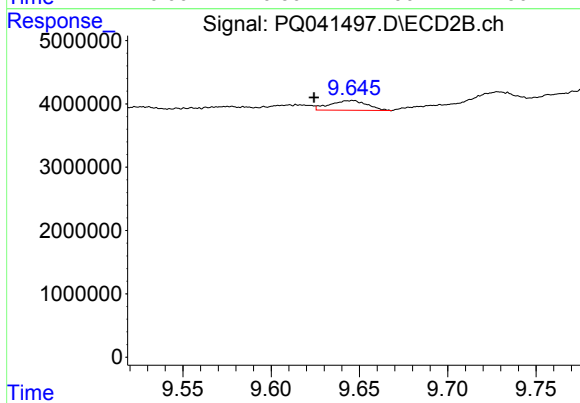
#42 AR-1268-2

R.T.: 9.403 min
Delta R.T.: -0.006 min
Response: 8944880
Conc: 9.20 ng/ml



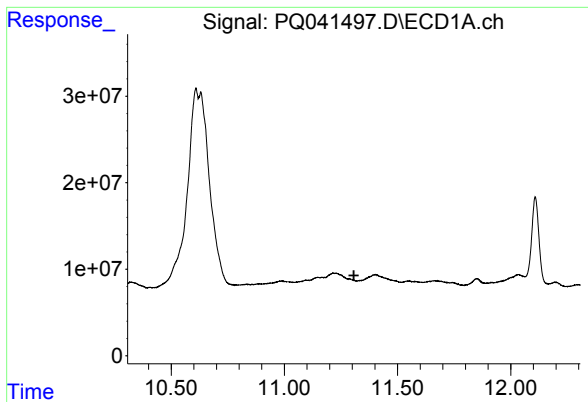
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.842 min
Response: 0
Conc: N.D.



#43 AR-1268-3

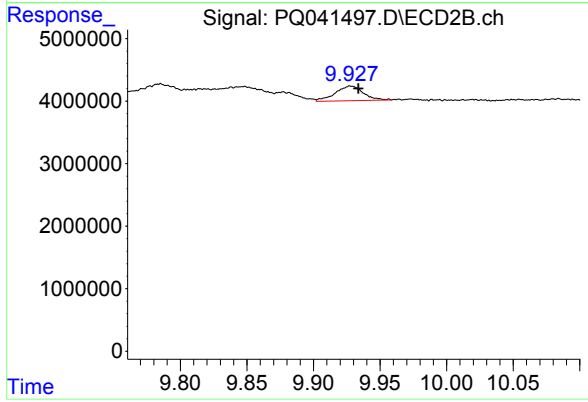
R.T.: 9.646 min
Delta R.T.: 0.021 min
Response: 2268744
Conc: 2.84 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 11.307 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEP20



#44 AR-1268-4

R.T.: 9.928 min
Delta R.T.: -0.006 min
Response: 3440959
Conc: 11.21 ng/ml