

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
 Data File : PQ041897.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2019 01:26
 Operator : SM\AJ
 Sample : K4029-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BENX5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 04:39:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 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...	5.696	4.754	22545856	19240462	9.831	9.983
2)	SA Decachlor...	12.087	10.505	89744540	57404051	10.644	11.867
Target Compounds							
3)	L1 AR-1016-1	0.000	6.207	0	4287125	N.D.	41.314 #
4)	L1 AR-1016-2	0.000	6.231	0	3856576	N.D.	26.918 #
5)	L1 AR-1016-3	0.000	6.444	0	2026645	N.D.	27.177 #
6)	L1 AR-1016-4	0.000	6.498	0	7388525	N.D.	119.150 #
7)	L1 AR-1016-5	0.000	6.749	0	5713861	N.D.	70.192 #
10)	L2 AR-1221-3	0.000	5.353	0	6097362	N.D.	111.813 #
11)	L3 AR-1232-1	0.000	5.353	0	6097362	N.D.	126.272 #
12)	L3 AR-1232-2	0.000	6.231	0	3856576	N.D.	67.626 #
13)	L3 AR-1232-3	0.000	6.444	0	2026645	N.D.	67.964 #
14)	L3 AR-1232-4	0.000	6.545	0	8387263	N.D.	314.169 #
15)	L3 AR-1232-5	0.000	6.749	0	5713861	N.D.	194.839 #
16)	L4 AR-1242-1	0.000	6.207	0	4287125	N.D.	52.384 #
17)	L4 AR-1242-2	0.000	6.231	0	3856576	N.D.	34.148 #
18)	L4 AR-1242-3	0.000	6.444	0	2026645	N.D.	34.308 #
19)	L4 AR-1242-4	0.000	6.545	0	8387263	N.D.	141.444 #
20)	L4 AR-1242-5	8.171	7.158	13926353	14306598	156.959	161.121
21)	L5 AR-1248-1	0.000	6.207	0	4287125	N.D.	64.659 #
22)	L5 AR-1248-2	0.000	6.498	0	7388525	N.D.	84.743 #
23)	L5 AR-1248-3	0.000	6.545	0	8387263	N.D.	93.969 #
24)	L5 AR-1248-4	8.171	6.749	13926353	5713861	89.067	51.877 #
25)	L5 AR-1248-5	8.171	7.204	13926353	12272334	92.030	95.747
26)	L6 AR-1254-1	8.171	7.158	13926353	14306598	100.107	78.227
27)	L6 AR-1254-2	8.336	7.326	18603844	11046137	81.281	68.240
28)	L6 AR-1254-3	8.731	7.772	14773942	29822138	54.033	103.403 #
29)	L6 AR-1254-4	9.032	8.021	17530508	20688275	71.212	95.306 #
30)	L6 AR-1254-5	9.469	8.466	15364130	18225915	56.727	60.598
31)	L7 AR-1260-1	0.000	7.913	0	16993831	N.D.	93.666 #
32)	L7 AR-1260-2	9.172	8.117	9325538	12207963	36.966	49.760 #
33)	L7 AR-1260-3	0.000	8.281	0	7160065	N.D.	33.650 #
34)	L7 AR-1260-4	0.000	8.777	0	8630944	N.D.	42.666 #
35)	L7 AR-1260-5	10.136	9.028	35406872	16478558	52.564	27.920 #
36)	L8 AR-1262-1	0.000	8.561	0	3083479	N.D.	21.493 #
37)	L8 AR-1262-2	10.136	9.028	35406872	16478558	40.446	22.237 #
38)	L8 AR-1262-3	10.495	9.322	27973875	8854733	44.053	27.988 #
39)	L8 AR-1262-4	10.569	9.389	41091931	10726795	82.068	19.074 #
40)	L8 AR-1262-5	0.000	9.913	0	3825802	N.D.	13.395 #
41)	L9 AR-1268-1	10.495	9.322	27973875	8854733	19.637	7.746 #
42)	L9 AR-1268-2	10.569	9.389	41091931	10726795	31.155	10.449 #
43)	L9 AR-1268-3	0.000	9.595	0	4548111	N.D.	5.234 #
44)	L9 AR-1268-4	0.000	9.913	0	3825802	N.D.	9.946 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
 Data File : PQ041897.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2019 01:26
 Operator : SM\AJ
 Sample : K4029-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BENX5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 04:39:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 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	10.270	0	52108612	N.D.	20.062 #

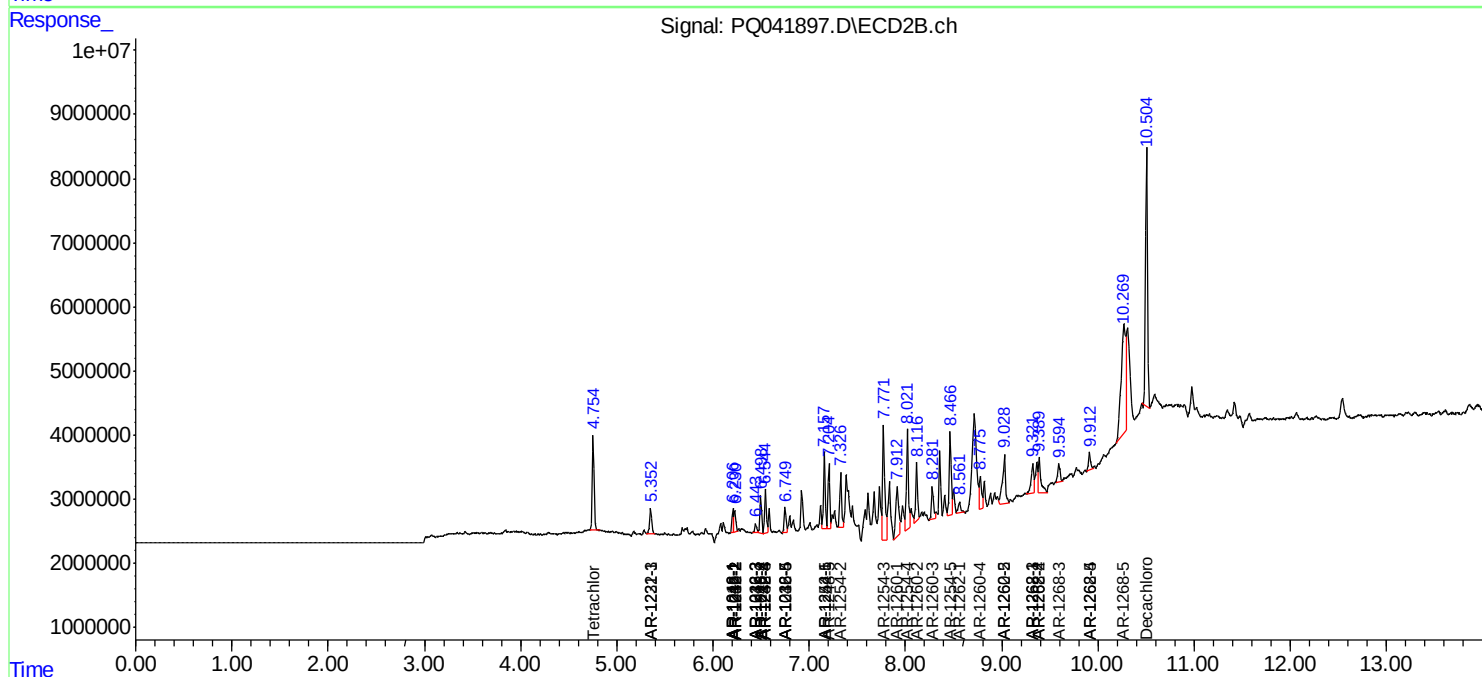
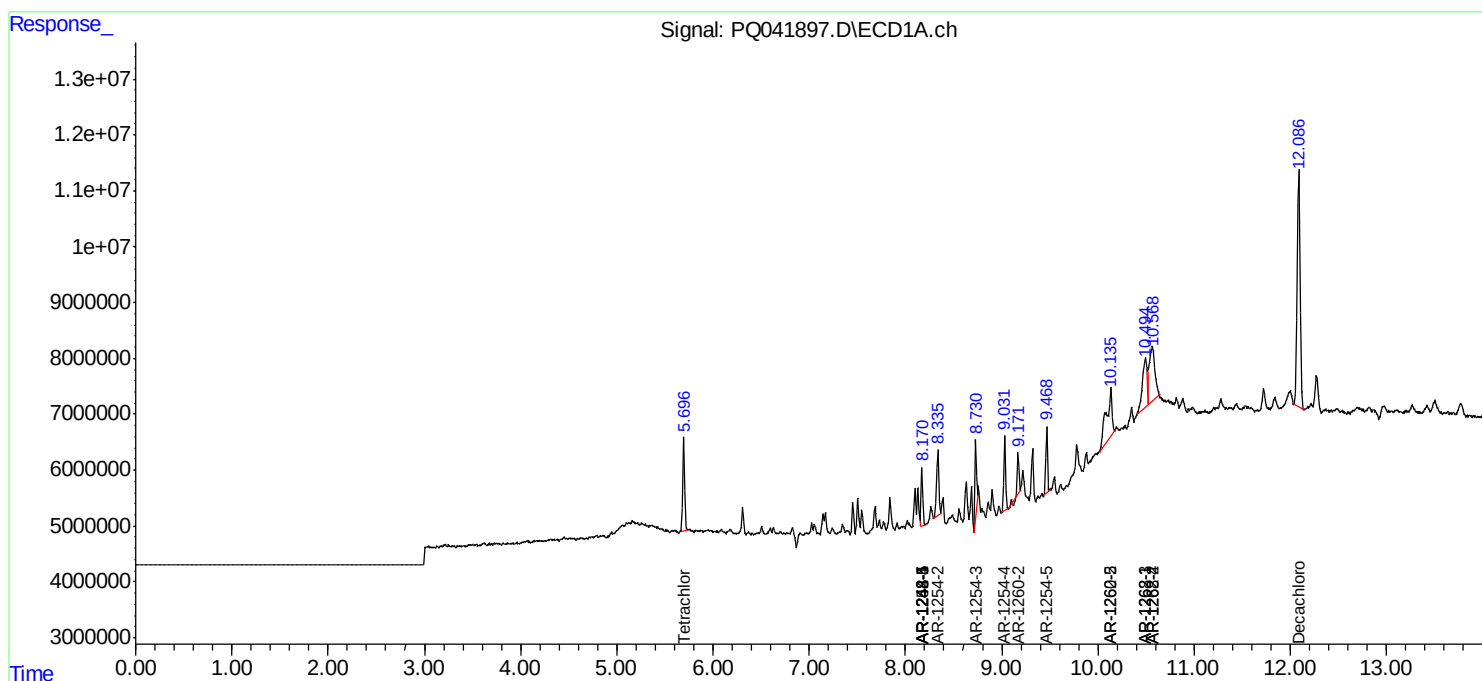
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

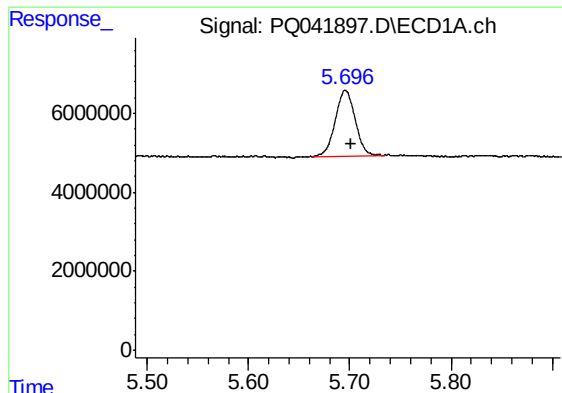
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 01:26
Operator : SM\AJ
Sample : K4029-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampled :
BENX5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 04:39:40 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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

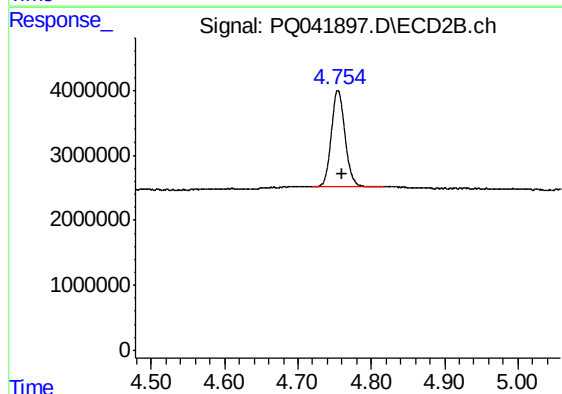




#1 Tetrachloro-m-xylene

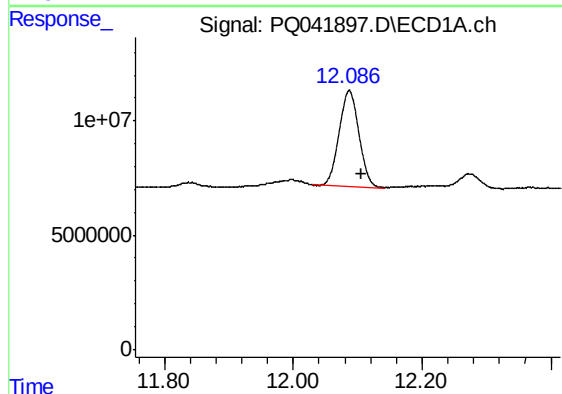
R.T.: 5.696 min
Delta R.T.: -0.005 min
Response: 22545856
Conc: 9.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENX5



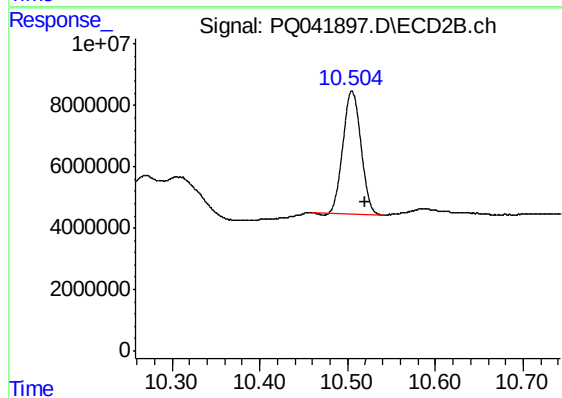
#1 Tetrachloro-m-xylene

R.T.: 4.754 min
Delta R.T.: -0.005 min
Response: 19240462
Conc: 9.98 ng/ml



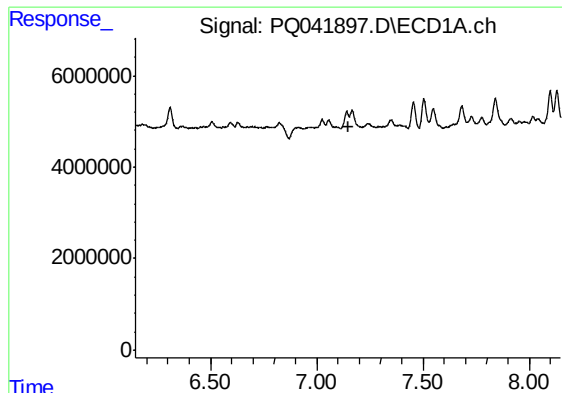
#2 Decachlorobiphenyl

R.T.: 12.087 min
Delta R.T.: -0.019 min
Response: 89744540
Conc: 10.64 ng/ml



#2 Decachlorobiphenyl

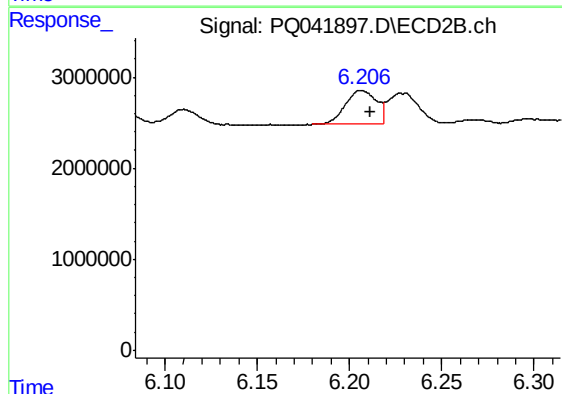
R.T.: 10.505 min
Delta R.T.: -0.015 min
Response: 57404051
Conc: 11.87 ng/ml



#3 AR-1016-1

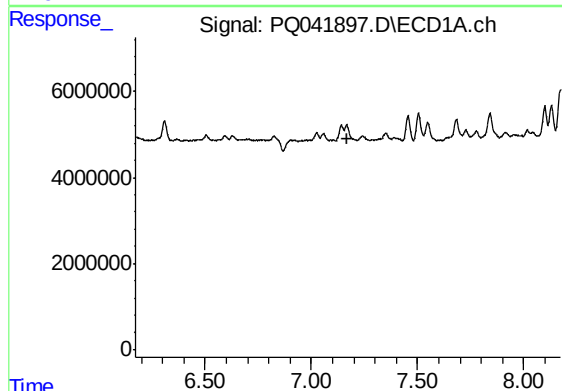
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENX5



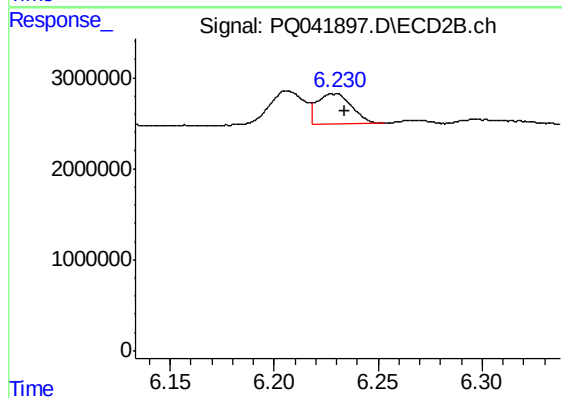
#3 AR-1016-1

R.T.: 6.207 min
Delta R.T.: -0.004 min
Response: 4287125
Conc: 41.31 ng/ml



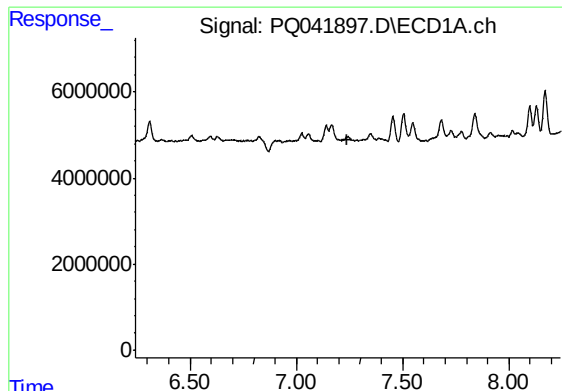
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 7.172 min
Response: 0
Conc: N.D.



#4 AR-1016-2

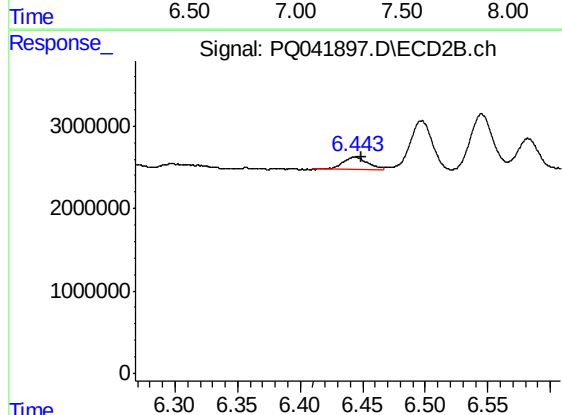
R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 3856576
Conc: 26.92 ng/ml



#5 AR-1016-3

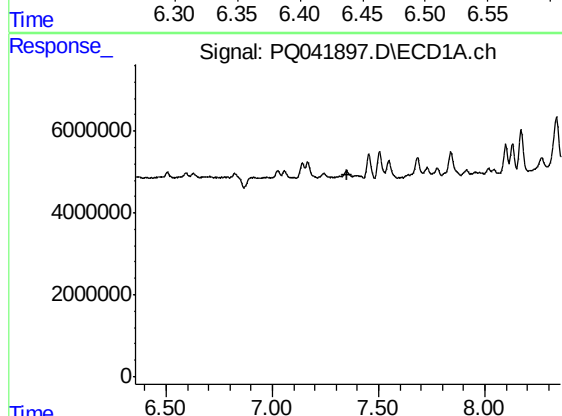
R.T.: 0.000 min
Exp R.T. : 7.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENX5



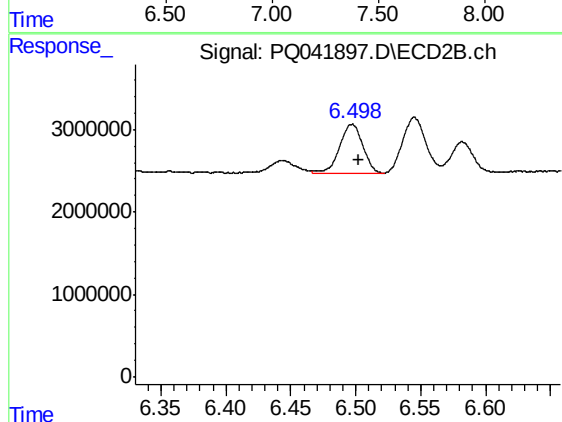
#5 AR-1016-3

R.T.: 6.444 min
Delta R.T.: -0.004 min
Response: 2026645
Conc: 27.18 ng/ml



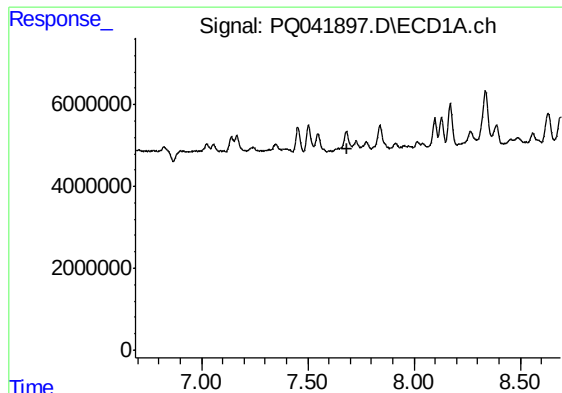
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 7.356 min
Response: 0
Conc: N.D.



#6 AR-1016-4

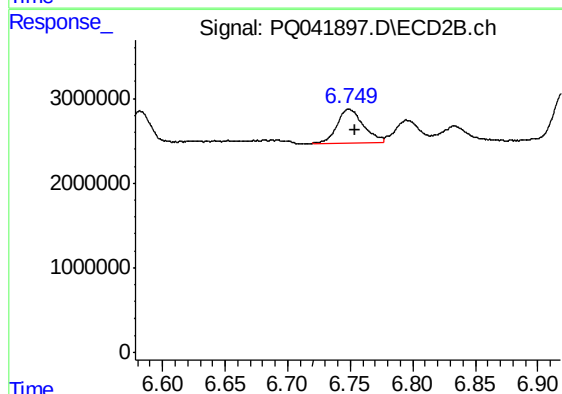
R.T.: 6.498 min
Delta R.T.: -0.004 min
Response: 7388525
Conc: 119.15 ng/ml



#7 AR-1016-5

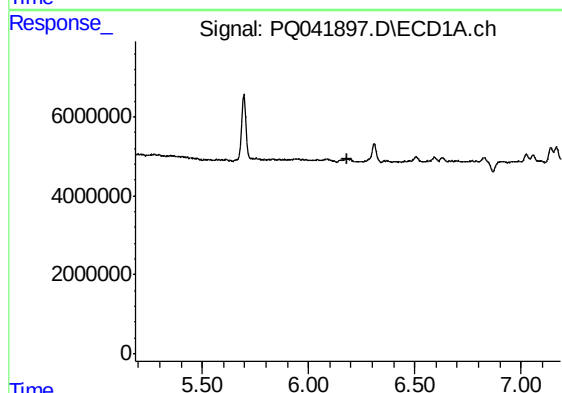
R.T.: 0.000 min
Exp R.T. : 7.689 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENX5



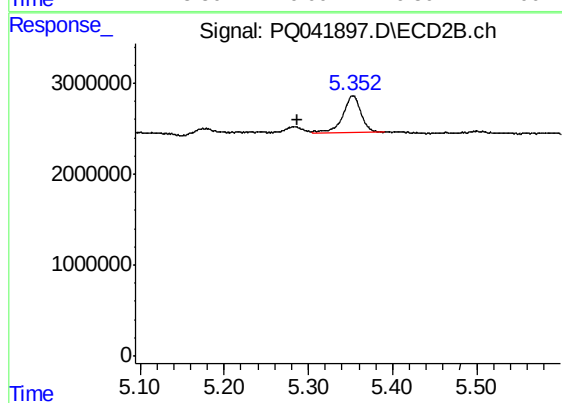
#7 AR-1016-5

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 5713861
Conc: 70.19 ng/ml



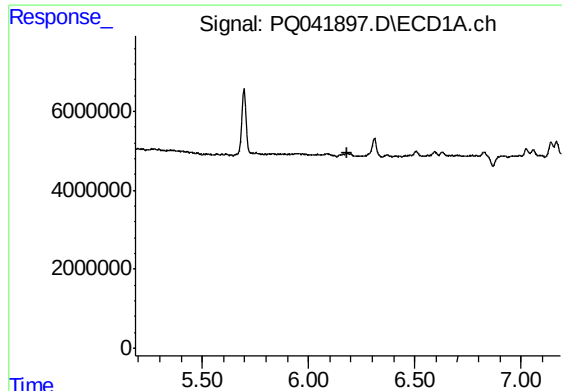
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.186 min
Response: 0
Conc: N.D.



#10 AR-1221-3

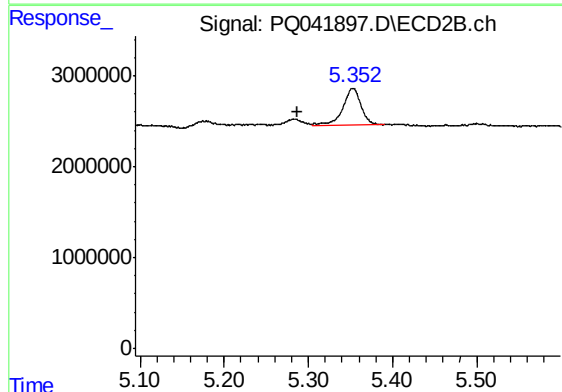
R.T.: 5.353 min
Delta R.T.: 0.066 min
Response: 6097362
Conc: 111.81 ng/ml



#11 AR-1232-1

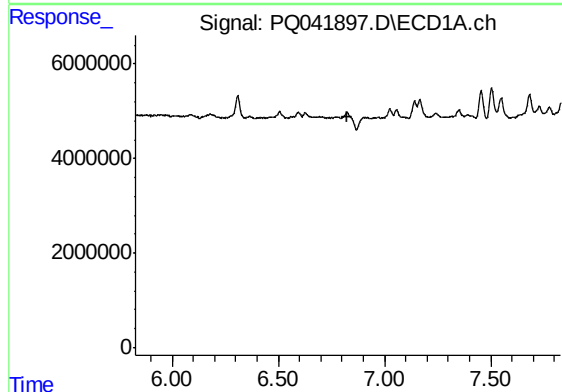
R.T.: 0.000 min
Exp R.T. : 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENX5



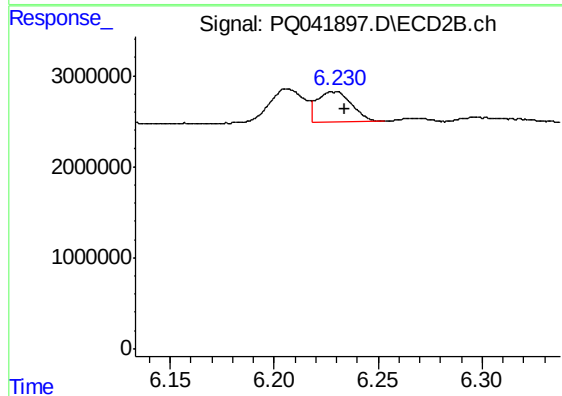
#11 AR-1232-1

R.T.: 5.353 min
Delta R.T.: 0.066 min
Response: 6097362
Conc: 126.27 ng/ml



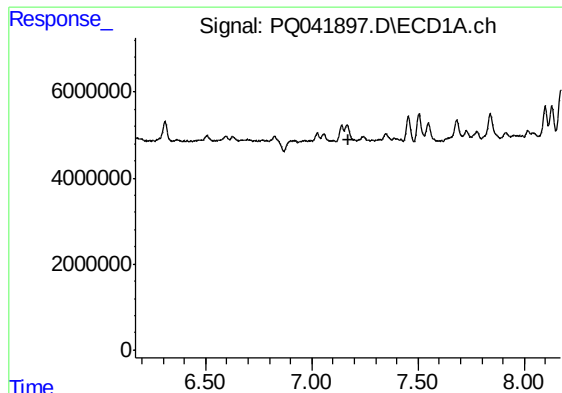
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.828 min
Response: 0
Conc: N.D.



#12 AR-1232-2

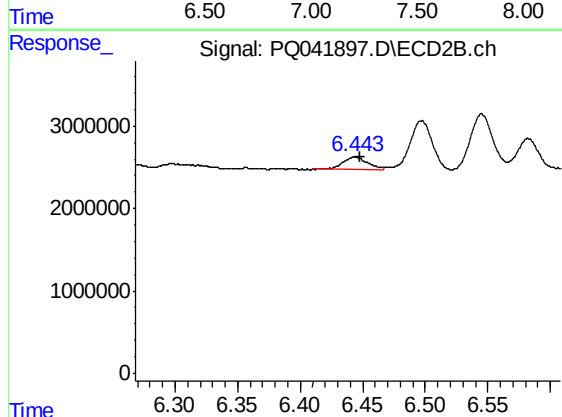
R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 3856576
Conc: 67.63 ng/ml



#13 AR-1232-3

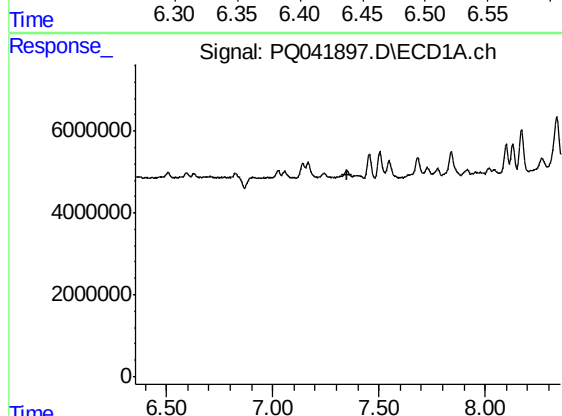
R.T.: 0.000 min
Exp R.T. : 7.170 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENX5



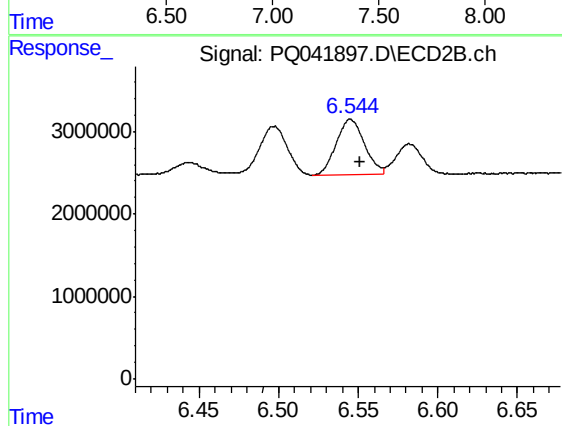
#13 AR-1232-3

R.T.: 6.444 min
Delta R.T.: -0.004 min
Response: 2026645
Conc: 67.96 ng/ml



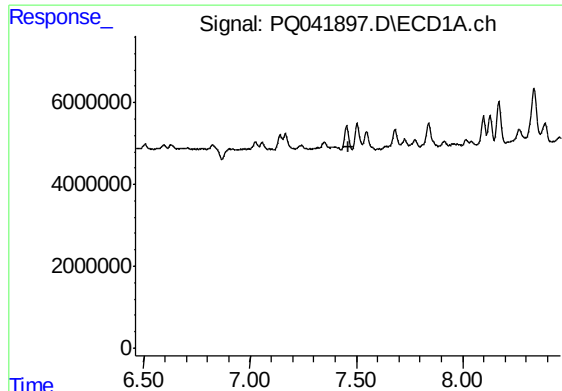
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 7.354 min
Response: 0
Conc: N.D.



#14 AR-1232-4

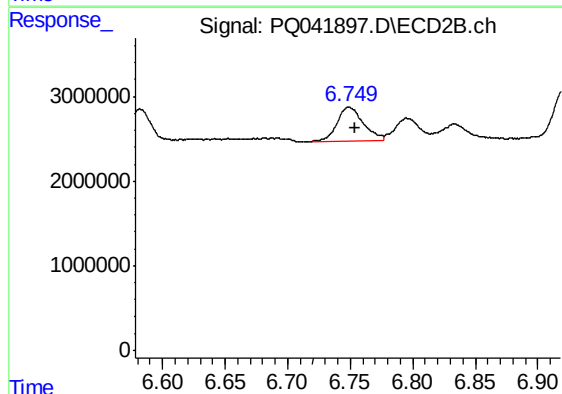
R.T.: 6.545 min
Delta R.T.: -0.006 min
Response: 8387263
Conc: 314.17 ng/ml



#15 AR-1232-5

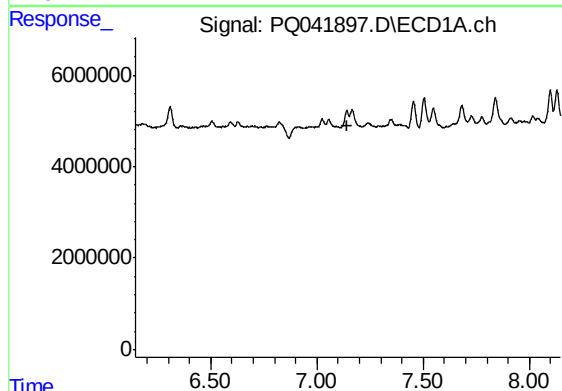
R.T.: 0.000 min
Exp R.T.: 7.461 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENX5



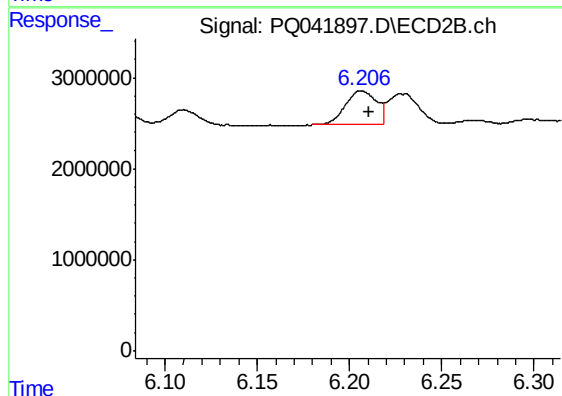
#15 AR-1232-5

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 5713861
Conc: 194.84 ng/ml



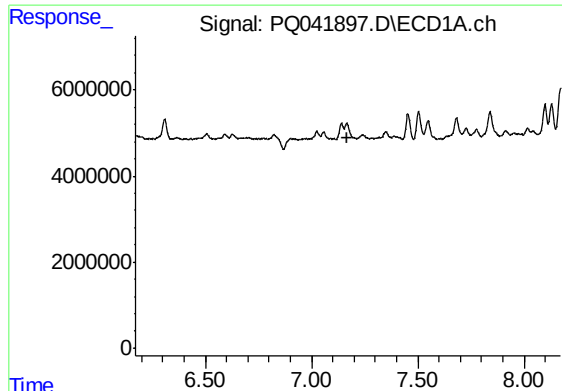
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 7.146 min
Response: 0
Conc: N.D.



#16 AR-1242-1

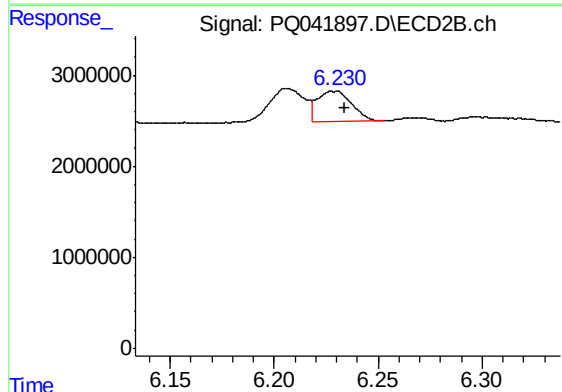
R.T.: 6.207 min
Delta R.T.: -0.004 min
Response: 4287125
Conc: 52.38 ng/ml



#17 AR-1242-2

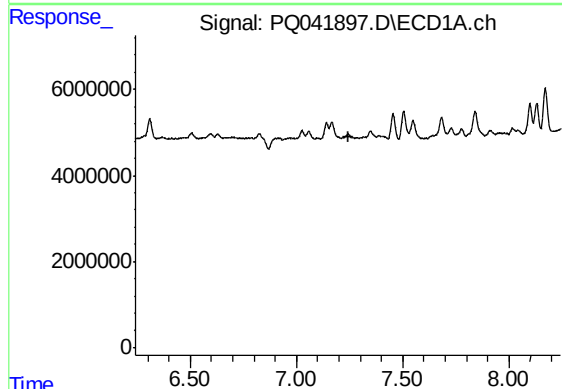
R.T.: 0.000 min
Exp R.T. : 7.171 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENX5



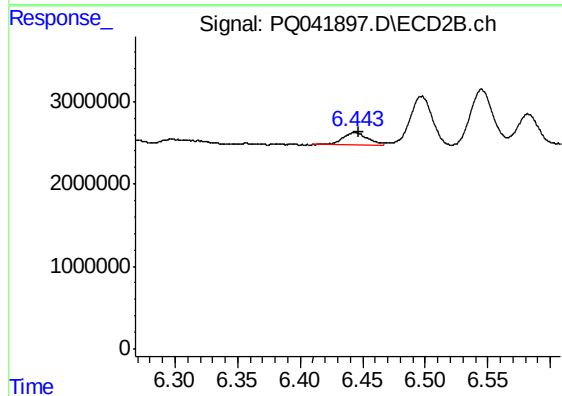
#17 AR-1242-2

R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 3856576
Conc: 34.15 ng/ml



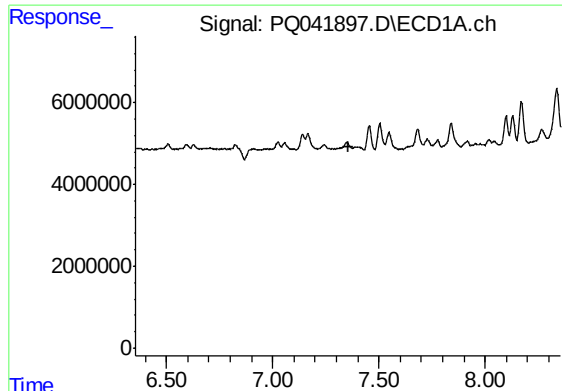
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 7.242 min
Response: 0
Conc: N.D.



#18 AR-1242-3

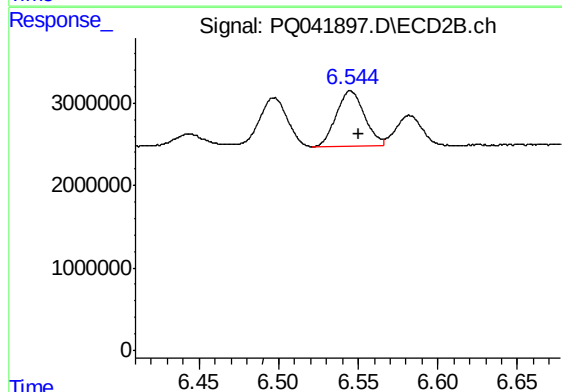
R.T.: 6.444 min
Delta R.T.: -0.003 min
Response: 2026645
Conc: 34.31 ng/ml



#19 AR-1242-4

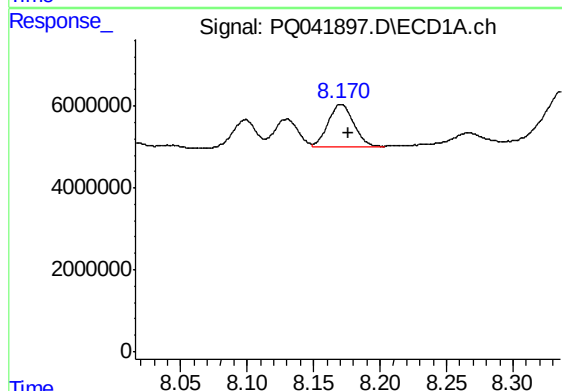
R.T.: 0.000 min
Exp R.T.: 7.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENX5



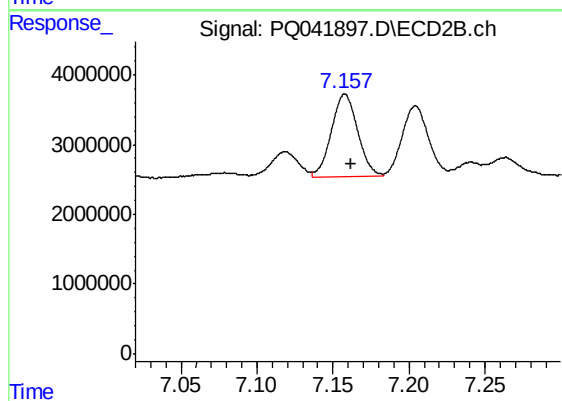
#19 AR-1242-4

R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 8387263
Conc: 141.44 ng/ml



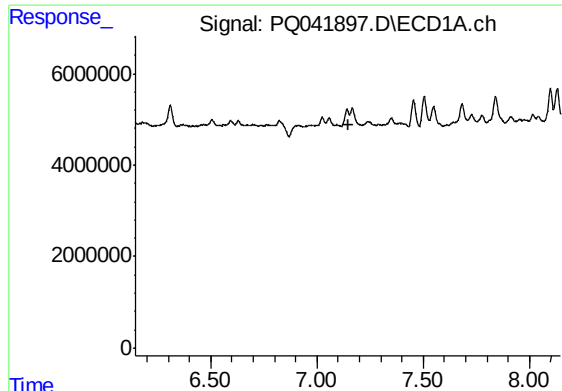
#20 AR-1242-5

R.T.: 8.171 min
Delta R.T.: -0.006 min
Response: 13926353
Conc: 156.96 ng/ml



#20 AR-1242-5

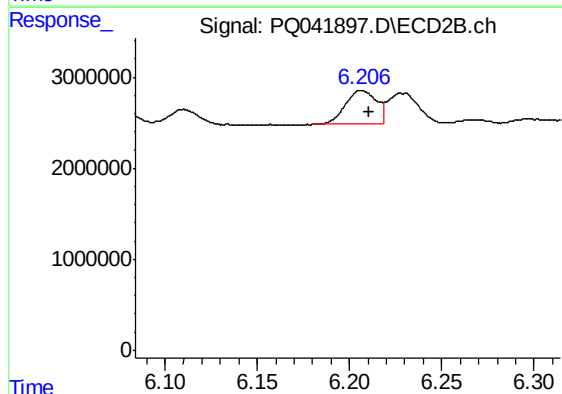
R.T.: 7.158 min
Delta R.T.: -0.004 min
Response: 14306598
Conc: 161.12 ng/ml



#21 AR-1248-1

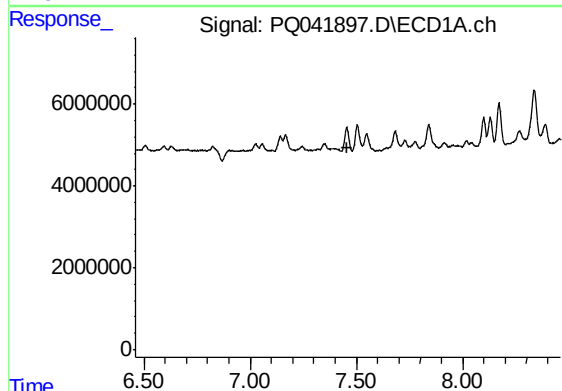
R.T.: 0.000 min
Exp R.T. : 7.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENX5



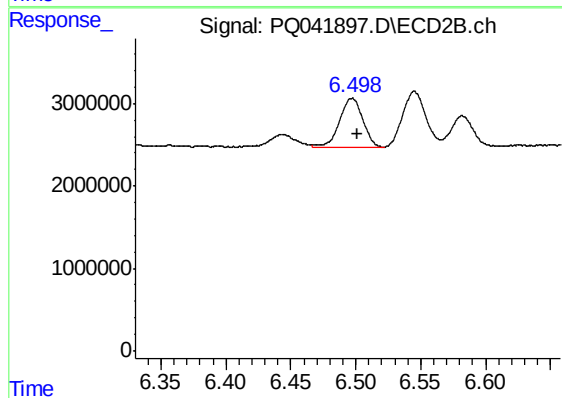
#21 AR-1248-1

R.T.: 6.207 min
Delta R.T.: -0.004 min
Response: 4287125
Conc: 64.66 ng/ml



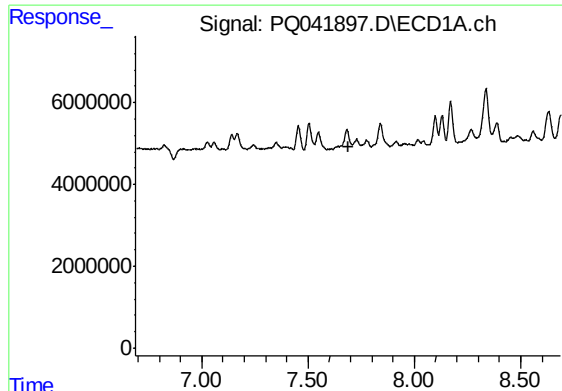
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 7.460 min
Response: 0
Conc: N.D.



#22 AR-1248-2

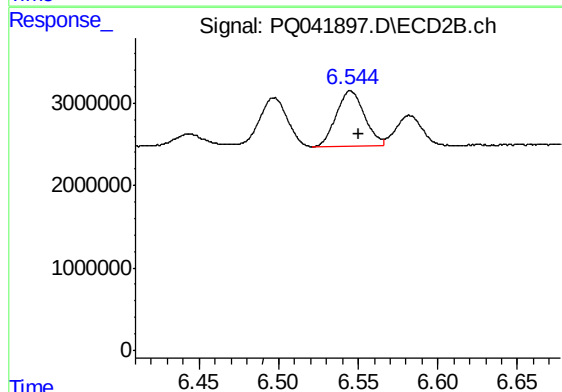
R.T.: 6.498 min
Delta R.T.: -0.004 min
Response: 7388525
Conc: 84.74 ng/ml



#23 AR-1248-3

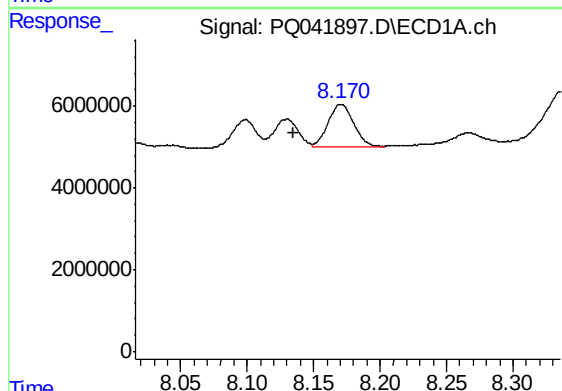
R.T.: 0.000 min
Exp R.T.: 7.688 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENX5



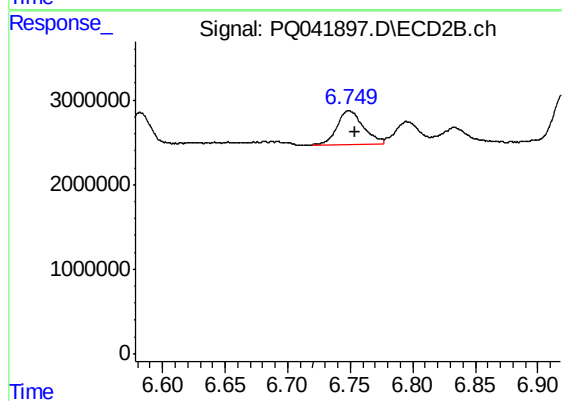
#23 AR-1248-3

R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 8387263
Conc: 93.97 ng/ml



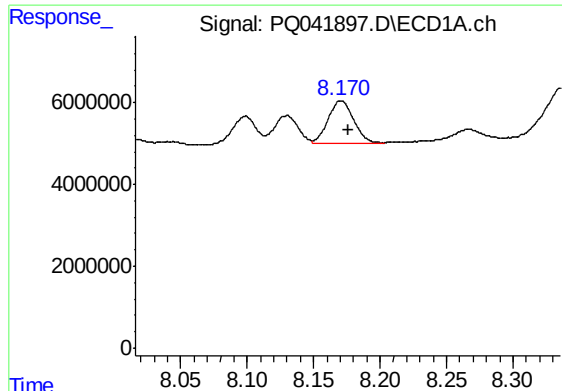
#24 AR-1248-4

R.T.: 8.171 min
Delta R.T.: 0.036 min
Response: 13926353
Conc: 89.07 ng/ml



#24 AR-1248-4

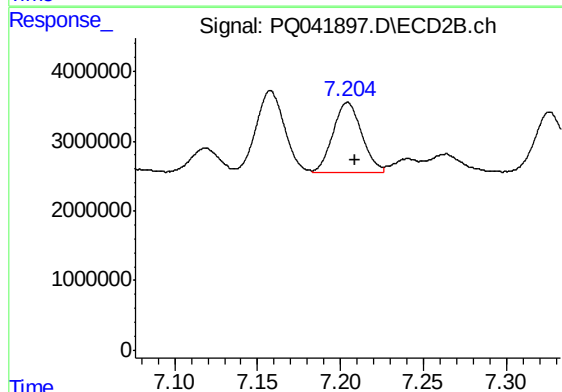
R.T.: 6.749 min
Delta R.T.: -0.004 min
Response: 5713861
Conc: 51.88 ng/ml



#25 AR-1248-5

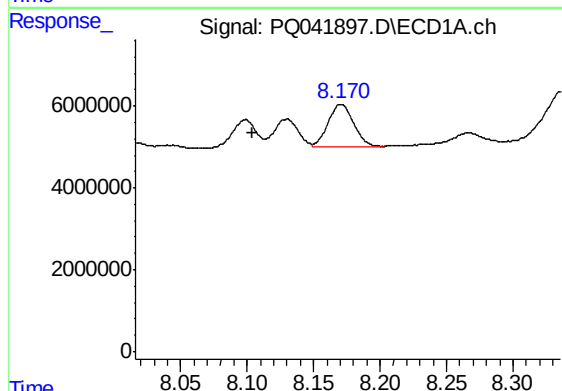
R.T.: 8.171 min
Delta R.T.: -0.006 min
Response: 13926353
Conc: 92.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENX5



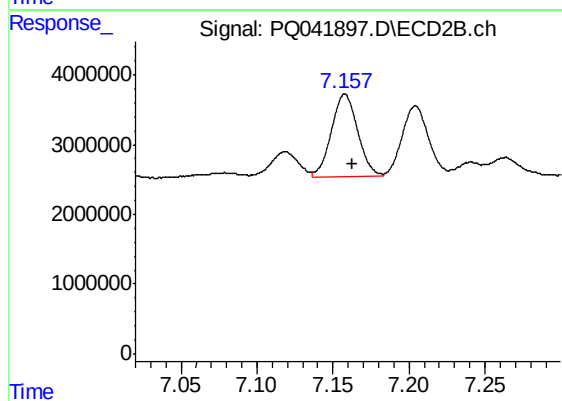
#25 AR-1248-5

R.T.: 7.204 min
Delta R.T.: -0.005 min
Response: 12272334
Conc: 95.75 ng/ml



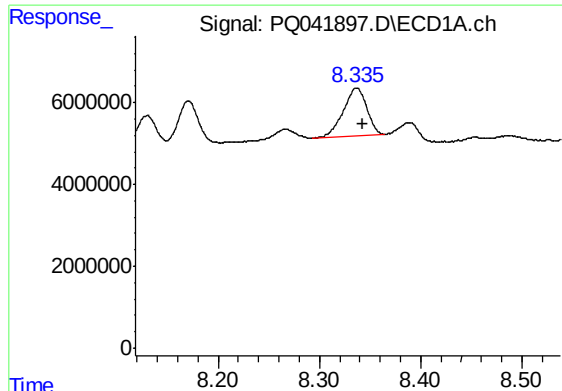
#26 AR-1254-1

R.T.: 8.171 min
Delta R.T.: 0.067 min
Response: 13926353
Conc: 100.11 ng/ml



#26 AR-1254-1

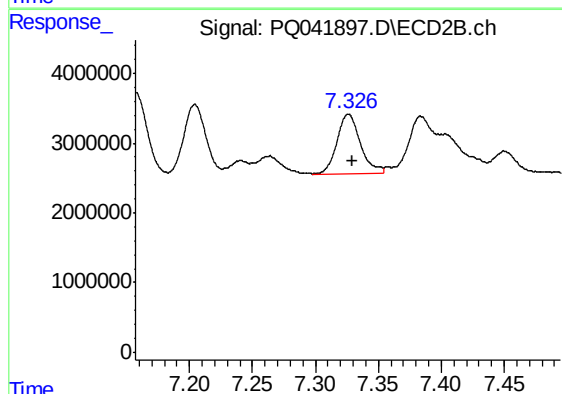
R.T.: 7.158 min
Delta R.T.: -0.005 min
Response: 14306598
Conc: 78.23 ng/ml



#27 AR-1254-2

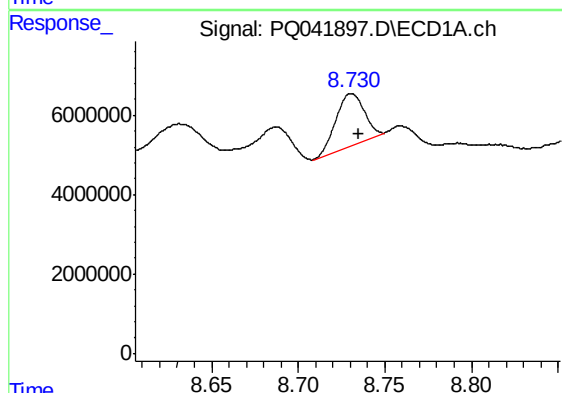
R.T.: 8.336 min
Delta R.T.: -0.006 min
Response: 18603844
Conc: 81.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENX5



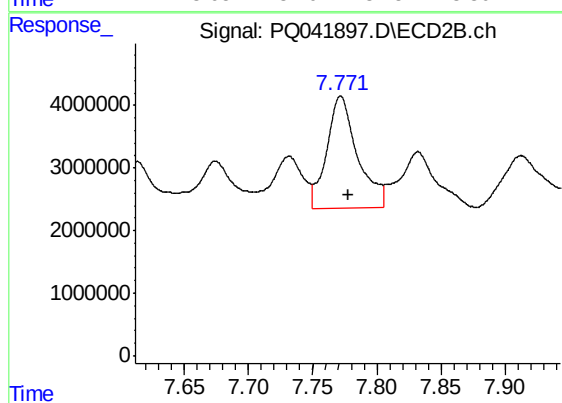
#27 AR-1254-2

R.T.: 7.326 min
Delta R.T.: -0.004 min
Response: 11046137
Conc: 68.24 ng/ml



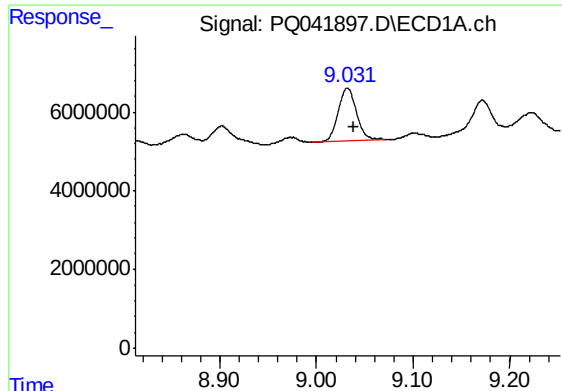
#28 AR-1254-3

R.T.: 8.731 min
Delta R.T.: -0.005 min
Response: 14773942
Conc: 54.03 ng/ml



#28 AR-1254-3

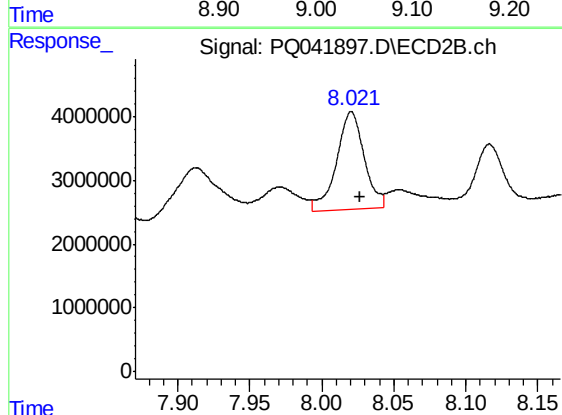
R.T.: 7.772 min
Delta R.T.: -0.006 min
Response: 29822138
Conc: 103.40 ng/ml



#29 AR-1254-4

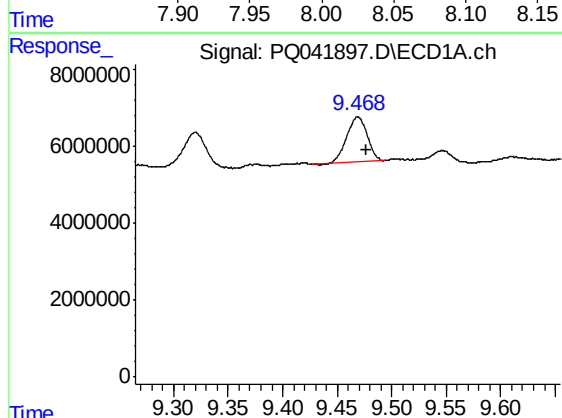
R.T.: 9.032 min
Delta R.T.: -0.007 min
Response: 17530508
Conc: 71.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENX5



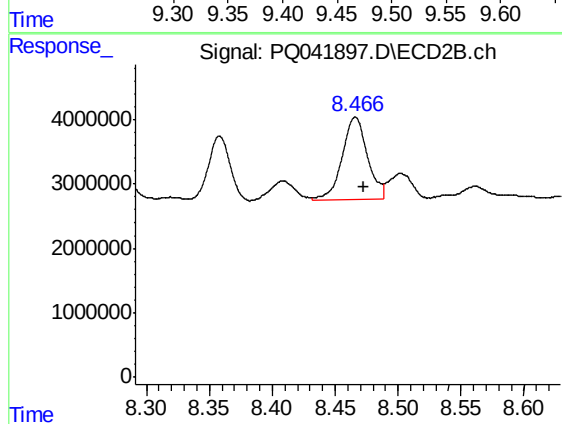
#29 AR-1254-4

R.T.: 8.021 min
Delta R.T.: -0.006 min
Response: 20688275
Conc: 95.31 ng/ml



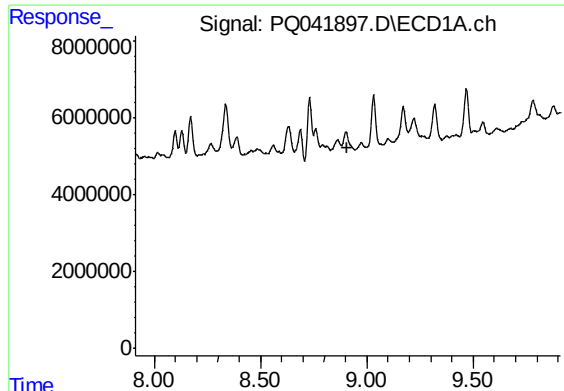
#30 AR-1254-5

R.T.: 9.469 min
Delta R.T.: -0.008 min
Response: 15364130
Conc: 56.73 ng/ml



#30 AR-1254-5

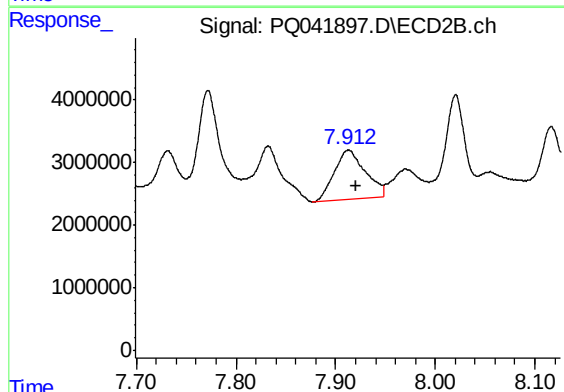
R.T.: 8.466 min
Delta R.T.: -0.006 min
Response: 18225915
Conc: 60.60 ng/ml



#31 AR-1260-1

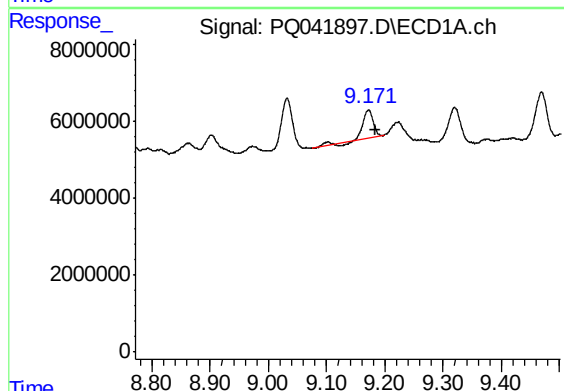
R.T.: 0.000 min
Exp R.T.: 8.912 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENX5



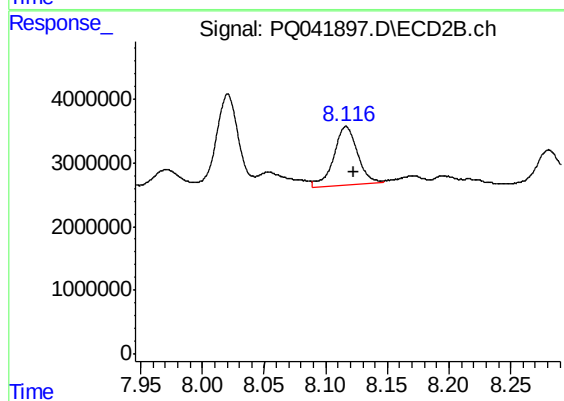
#31 AR-1260-1

R.T.: 7.913 min
Delta R.T.: -0.008 min
Response: 16993831
Conc: 93.67 ng/ml



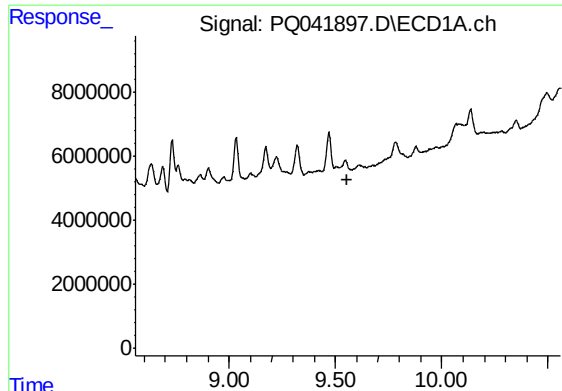
#32 AR-1260-2

R.T.: 9.172 min
Delta R.T.: -0.011 min
Response: 9325538
Conc: 36.97 ng/ml



#32 AR-1260-2

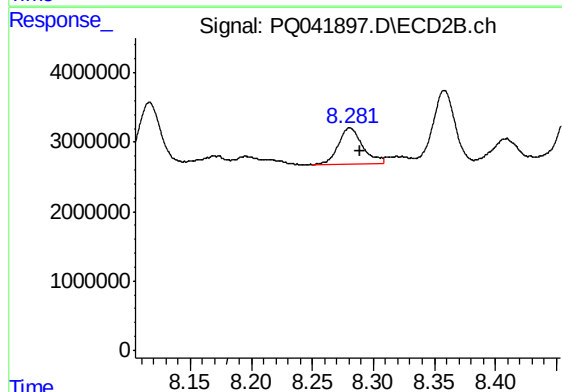
R.T.: 8.117 min
Delta R.T.: -0.007 min
Response: 12207963
Conc: 49.76 ng/ml



#33 AR-1260-3

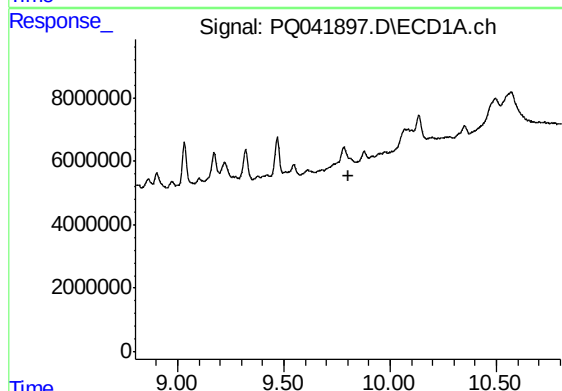
R.T.: 0.000 min
Exp R.T. : 9.558 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENX5



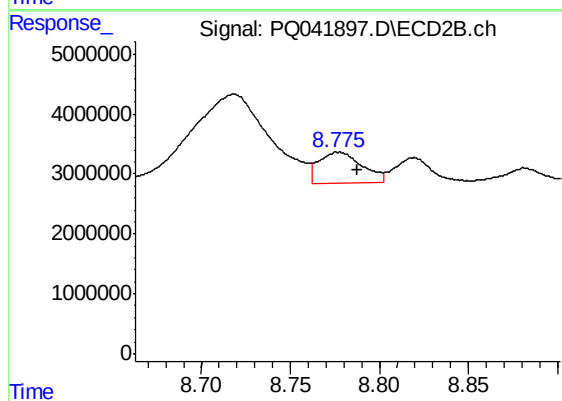
#33 AR-1260-3

R.T.: 8.281 min
Delta R.T.: -0.008 min
Response: 7160065
Conc: 33.65 ng/ml



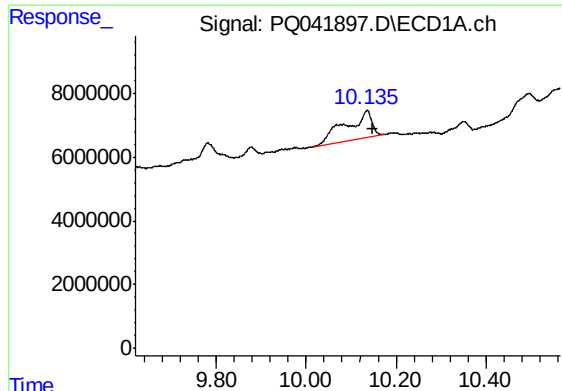
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.802 min
Response: 0
Conc: N.D.



#34 AR-1260-4

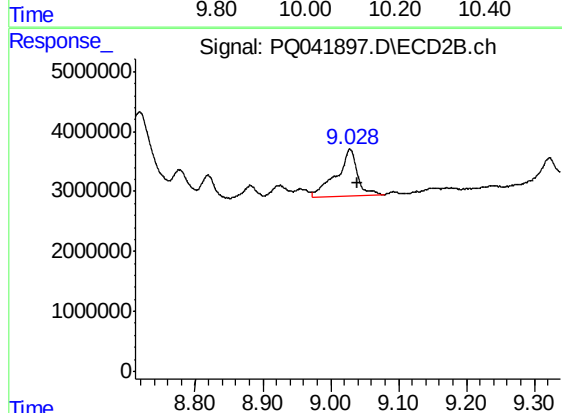
R.T.: 8.777 min
Delta R.T.: -0.011 min
Response: 8630944
Conc: 42.67 ng/ml



#35 AR-1260-5

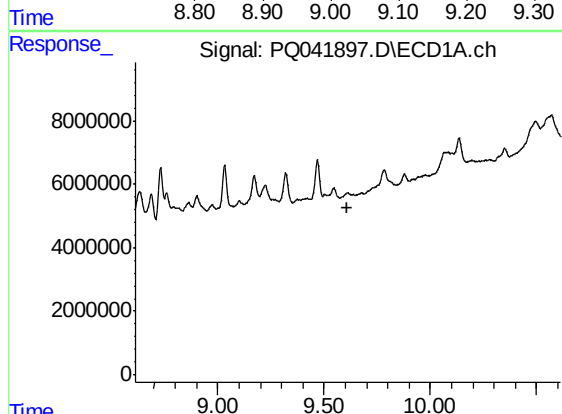
R.T.: 10.136 min
Delta R.T.: -0.013 min
Response: 35406872
Conc: 52.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENX5



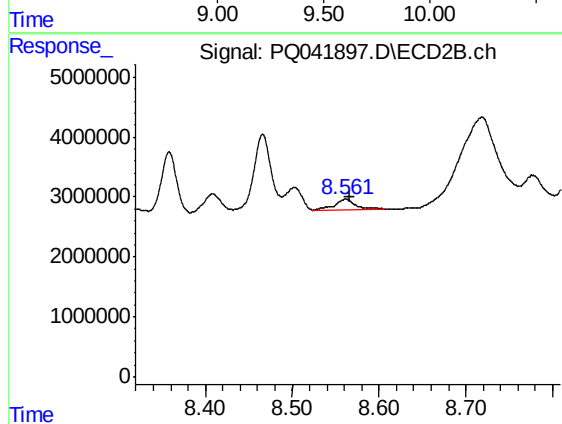
#35 AR-1260-5

R.T.: 9.028 min
Delta R.T.: -0.010 min
Response: 16478558
Conc: 27.92 ng/ml



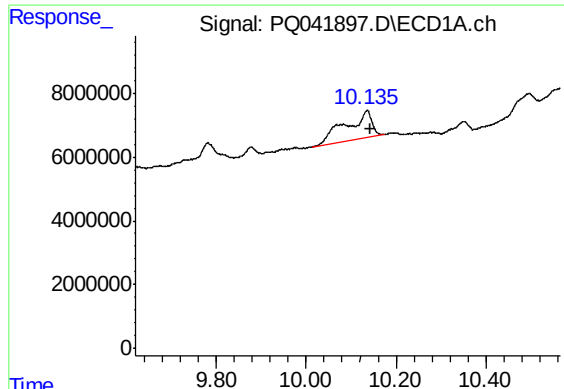
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 9.613 min
Response: 0
Conc: N.D.



#36 AR-1262-1

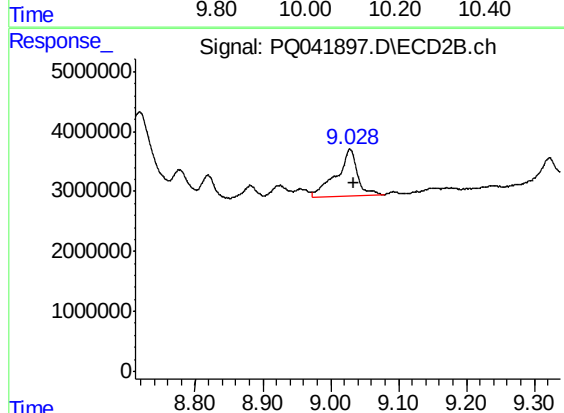
R.T.: 8.561 min
Delta R.T.: -0.005 min
Response: 3083479
Conc: 21.49 ng/ml



#37 AR-1262-2

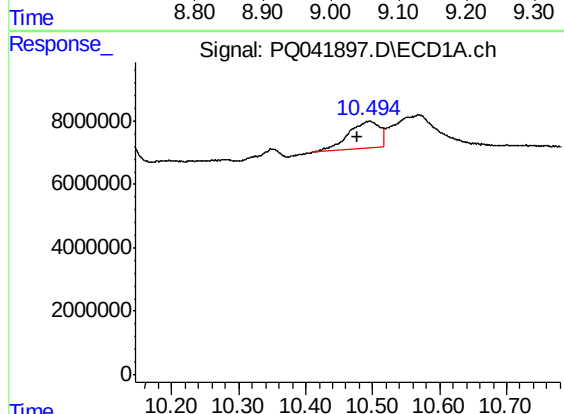
R.T.: 10.136 min
Delta R.T.: -0.006 min
Response: 35406872
Conc: 40.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENX5



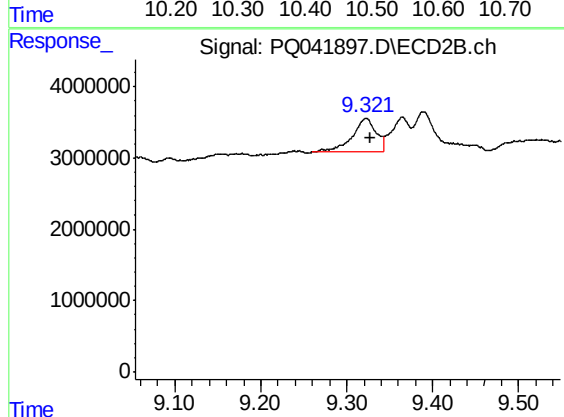
#37 AR-1262-2

R.T.: 9.028 min
Delta R.T.: -0.006 min
Response: 16478558
Conc: 22.24 ng/ml



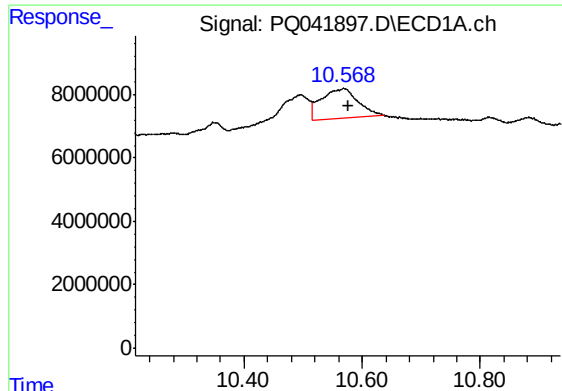
#38 AR-1262-3

R.T.: 10.495 min
Delta R.T.: 0.019 min
Response: 27973875
Conc: 44.05 ng/ml



#38 AR-1262-3

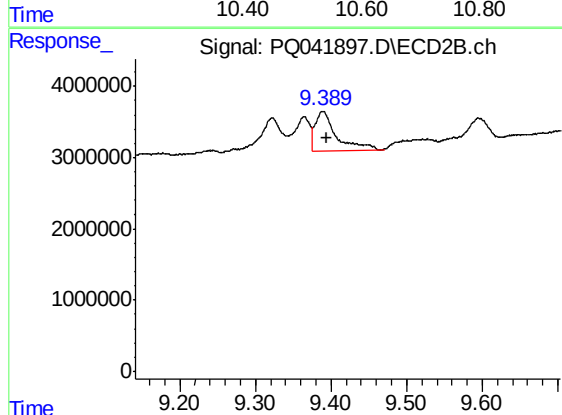
R.T.: 9.322 min
Delta R.T.: -0.005 min
Response: 8854733
Conc: 27.99 ng/ml



#39 AR-1262-4

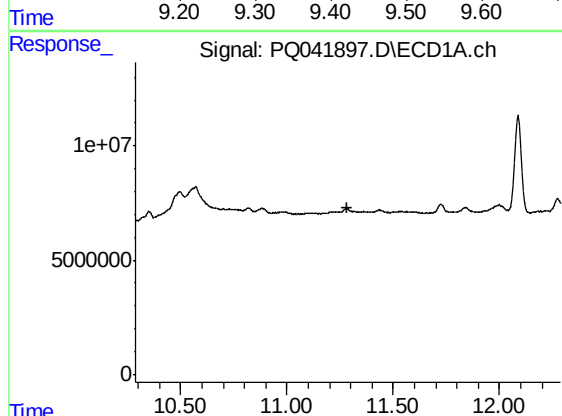
R.T.: 10.569 min
Delta R.T.: -0.008 min
Response: 41091931
Conc: 82.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENX5



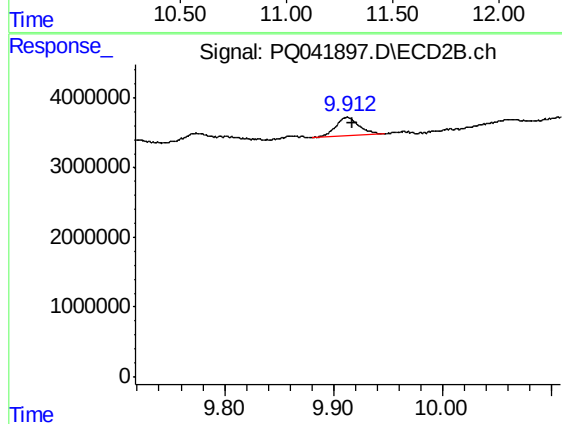
#39 AR-1262-4

R.T.: 9.389 min
Delta R.T.: -0.005 min
Response: 10726795
Conc: 19.07 ng/ml



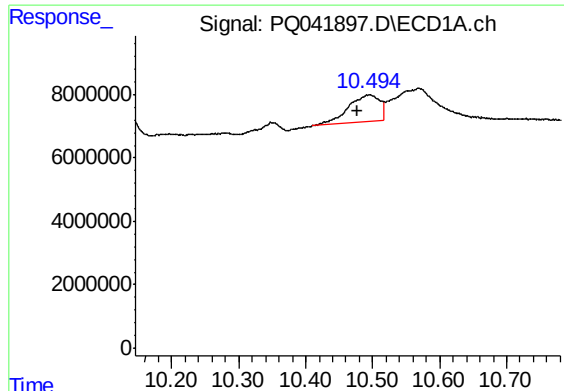
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 11.286 min
Response: 0
Conc: N.D.



#40 AR-1262-5

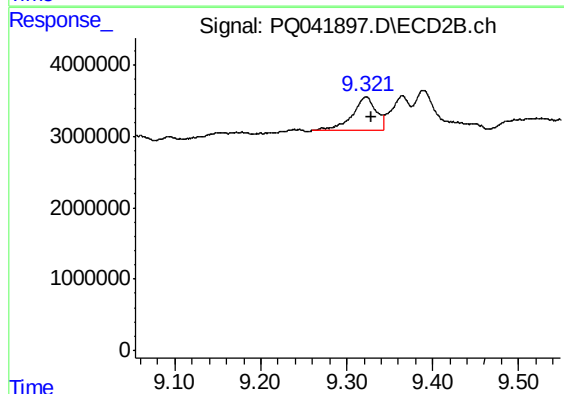
R.T.: 9.913 min
Delta R.T.: -0.005 min
Response: 3825802
Conc: 13.40 ng/ml



#41 AR-1268-1

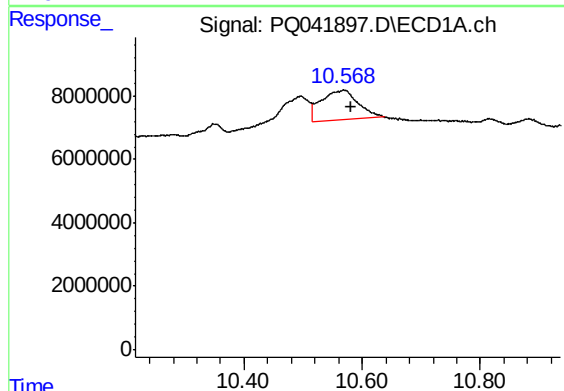
R.T.: 10.495 min
Delta R.T.: 0.018 min
Response: 27973875
Conc: 19.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENX5



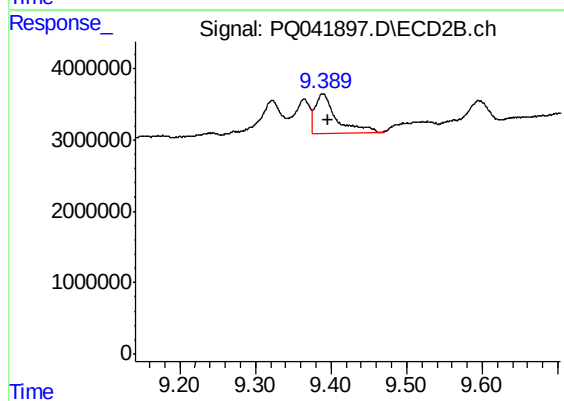
#41 AR-1268-1

R.T.: 9.322 min
Delta R.T.: -0.006 min
Response: 8854733
Conc: 7.75 ng/ml



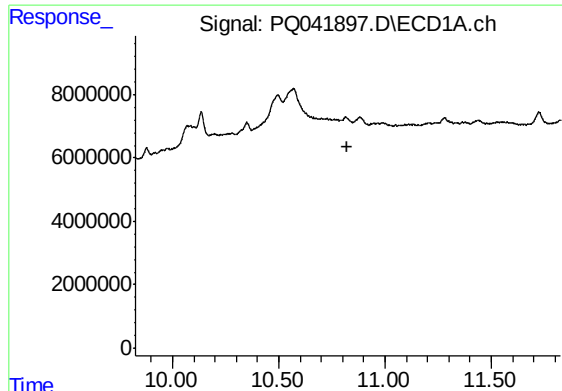
#42 AR-1268-2

R.T.: 10.569 min
Delta R.T.: -0.012 min
Response: 41091931
Conc: 31.16 ng/ml



#42 AR-1268-2

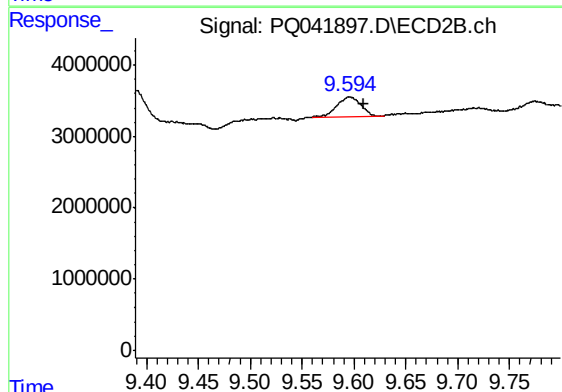
R.T.: 9.389 min
Delta R.T.: -0.007 min
Response: 10726795
Conc: 10.45 ng/ml



#43 AR-1268-3

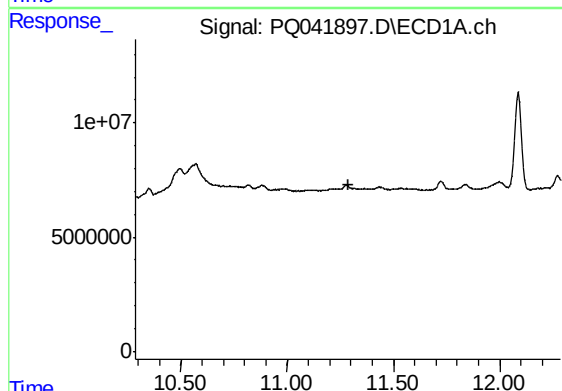
R.T.: 0.000 min
Exp R.T. : 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENX5



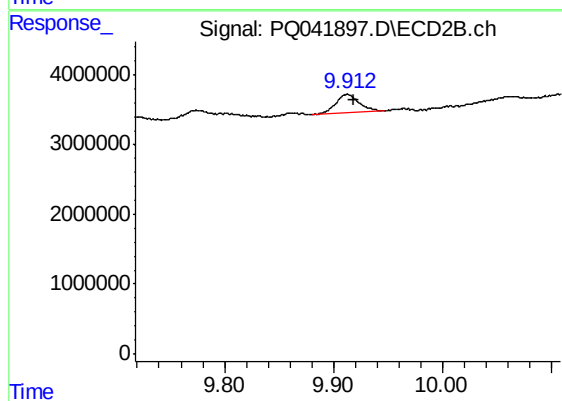
#43 AR-1268-3

R.T.: 9.595 min
Delta R.T.: -0.014 min
Response: 4548111
Conc: 5.23 ng/ml



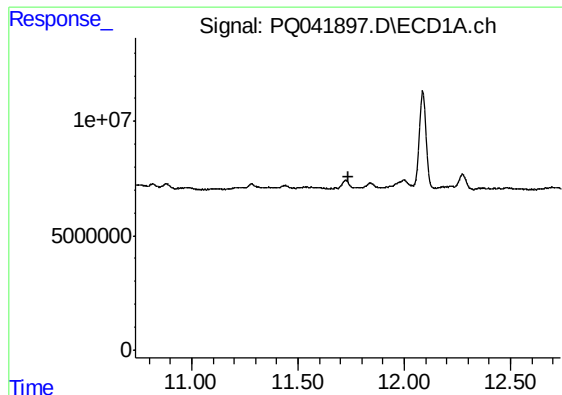
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 11.286 min
Response: 0
Conc: N.D.



#44 AR-1268-4

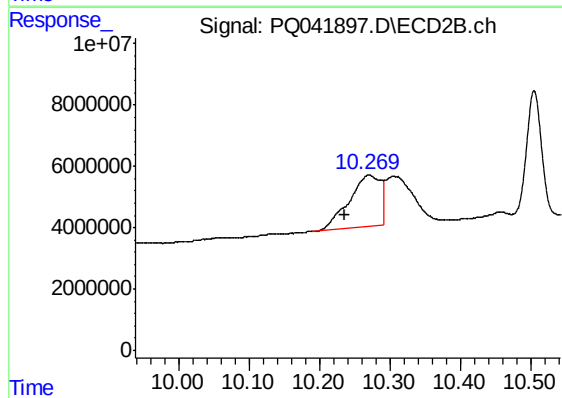
R.T.: 9.913 min
Delta R.T.: -0.006 min
Response: 3825802
Conc: 9.95 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.735 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENX5



#45 AR-1268-5

R.T.: 10.270 min
Delta R.T.: 0.034 min
Response: 52108612
Conc: 20.06 ng/ml