

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
 Data File : PQ041833.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2019 21:06
 Operator : SM\AJ
 Sample : K3020-19
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 01:13:54 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...	5.698	4.754	41963847	36673514	18.298	19.029
2)	SA Decachlor...	12.098	10.512	121.3E6	80842617	14.382	16.712
Target Compounds							
3)	L1 AR-1016-1	0.000	6.227	0	6371286	N.D.	61.399 #
4)	L1 AR-1016-2	0.000	6.227	0	6371286	N.D.	44.471 #
5)	L1 AR-1016-3	0.000	6.436	0	4141597	N.D.	55.538 #
6)	L1 AR-1016-4	0.000	6.503	0	6243415	N.D.	100.684 #
7)	L1 AR-1016-5	7.739	6.757	21875555	11001456	278.279	135.147 #
10)	L2 AR-1221-3	0.000	5.353	0	5930323	N.D.	108.749 #
11)	L3 AR-1232-1	0.000	5.353	0	5930323	N.D.	122.812 #
12)	L3 AR-1232-2	0.000	6.227	0	6371286	N.D.	111.722 #
13)	L3 AR-1232-3	0.000	6.436	0	4141597	N.D.	138.889 #
14)	L3 AR-1232-4	0.000	6.576	0	6374023	N.D.	238.757 #
15)	L3 AR-1232-5	0.000	6.757	0	11001456	N.D.	375.142 #
16)	L4 AR-1242-1	0.000	6.227	0	6371286	N.D.	77.851 #
17)	L4 AR-1242-2	0.000	6.227	0	6371286	N.D.	56.414 #
18)	L4 AR-1242-3	0.000	6.436	0	4141597	N.D.	70.110 #
19)	L4 AR-1242-4	0.000	6.576	0	6374023	N.D.	107.493 #
20)	L4 AR-1242-5	8.200	7.152	34007825	105.3E6	383.291	1185.409 #
21)	L5 AR-1248-1	0.000	6.227	0	6371286	N.D.	96.092 #
22)	L5 AR-1248-2	0.000	6.503	0	6243415	N.D.	71.609 #
23)	L5 AR-1248-3	7.739	6.576	21875555	6374023	195.245	71.413 #
24)	L5 AR-1248-4	8.139	6.757	304.2E6	11001456	1945.765	99.885 #
25)	L5 AR-1248-5	8.200	7.210	34007825	25956826	224.736	202.511
26)	L6 AR-1254-1	8.083	7.152	29348362	105.3E6	210.965	575.540 #
27)	L6 AR-1254-2	8.345	7.322	37498367	18388361	163.832	113.599 #
28)	L6 AR-1254-3	8.762	7.792	92079640	28332587	336.762	98.238 #
29)	L6 AR-1254-4	0.000	8.028	0	28604409	N.D.	131.773 #
30)	L6 AR-1254-5	9.484	8.469	20356030	15489894	75.157	51.501 #
31)	L7 AR-1260-1	8.930	7.931	20522215	48706469	115.368	268.459 #
32)	L7 AR-1260-2	9.176	8.120	30324274	6211195	120.203	25.317 #
33)	L7 AR-1260-3	0.000	8.285	0	4118127	N.D.	19.354 #
34)	L7 AR-1260-4	0.000	8.783	0	2305335	N.D.	11.396 #
35)	L7 AR-1260-5	10.139	9.034	17204054	9810280	25.541	16.622 #
36)	L8 AR-1262-1	0.000	8.584	0	4735334	N.D.	33.007 #
37)	L8 AR-1262-2	10.139	9.034	17204054	9810280	19.652	13.238 #
38)	L8 AR-1262-3	0.000	9.295	0	13372160	N.D.	42.267 #
39)	L8 AR-1262-4	0.000	9.391	0	23290451	N.D.	41.415 #
40)	L8 AR-1262-5	0.000	9.918	0	1468329	N.D.	5.141 #
41)	L9 AR-1268-1	0.000	9.295	0	13372160	N.D.	11.697 #
42)	L9 AR-1268-2	0.000	9.391	0	23290451	N.D.	22.688 #
43)	L9 AR-1268-3	0.000	9.609	0	928686	N.D.	1.069 #

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2019 21:06
Operator : SM\AJ
Sample : K3020-19
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:13:54 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
44)	L9 AR-1268-4	0.000	9.918	0	1468329	N.D.	3.817 #
45)	L9 AR-1268-5	0.000	10.237	0	2460755	N.D.	0.947 #

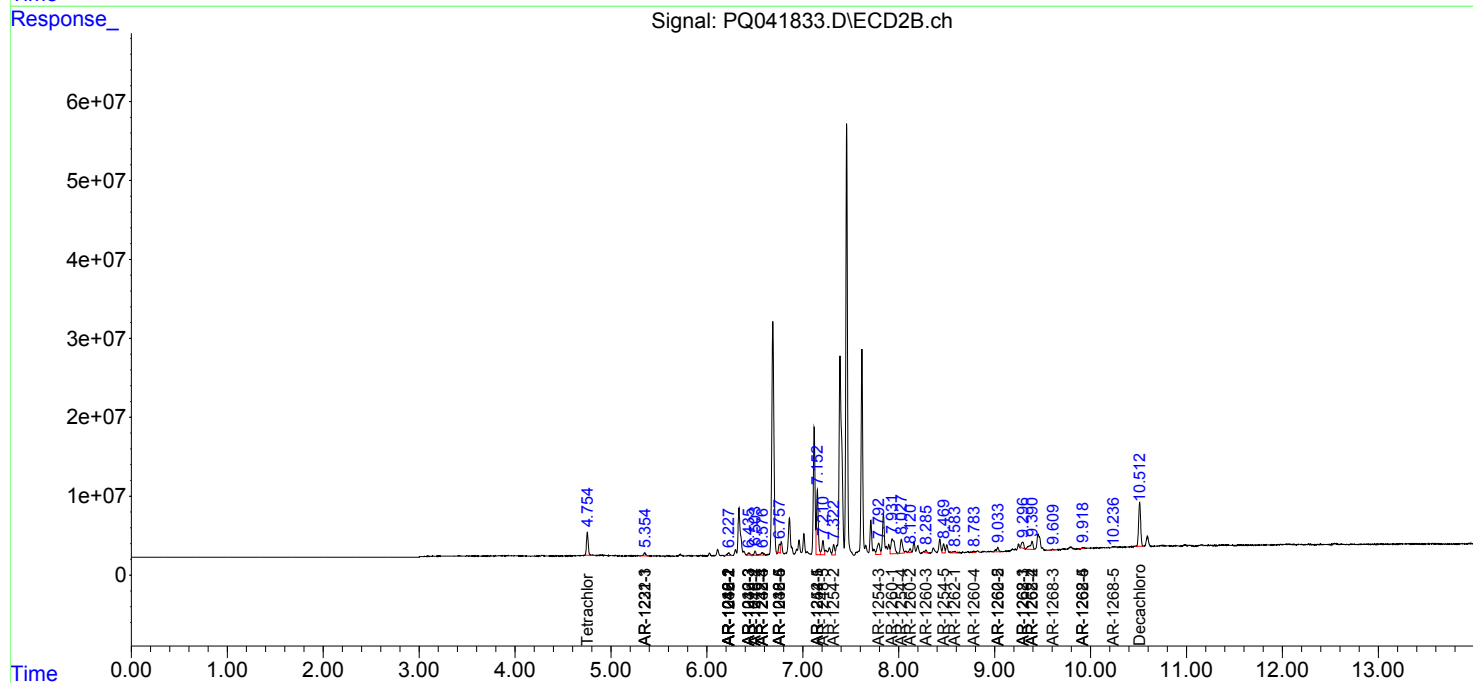
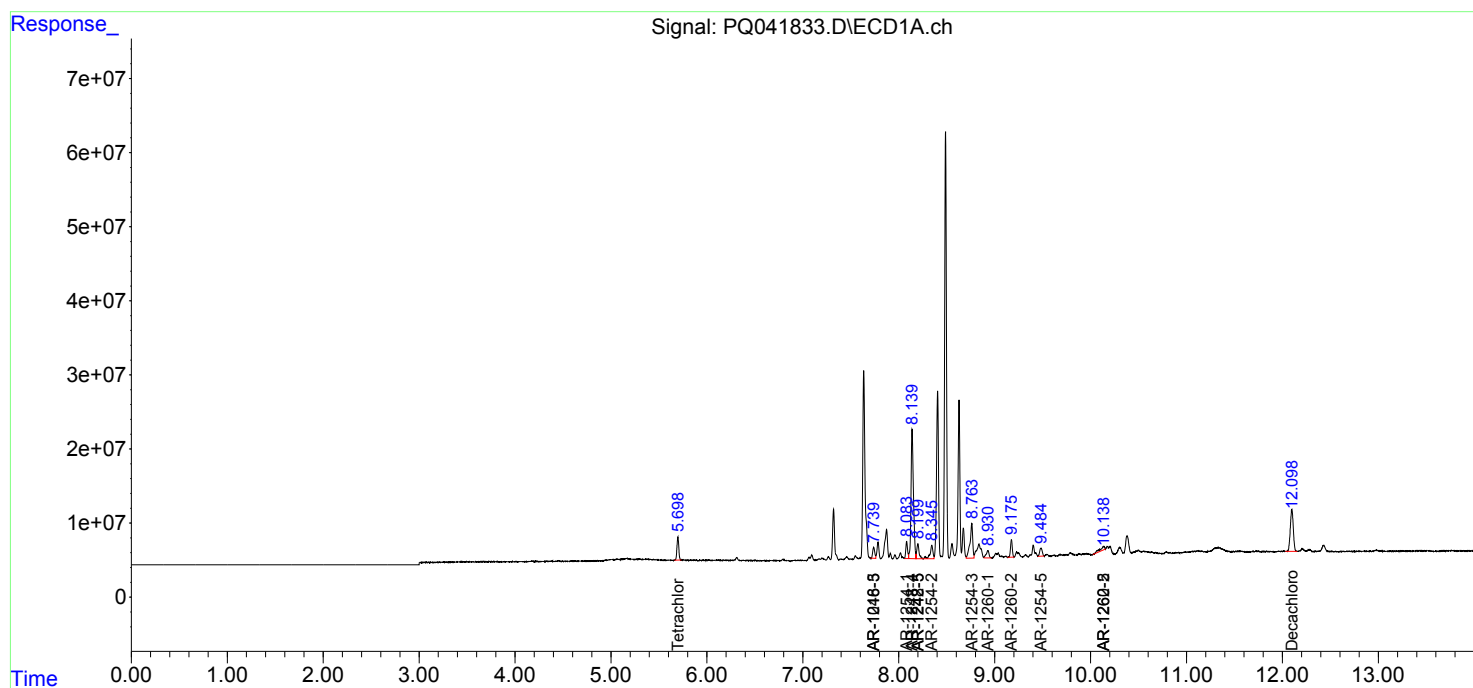
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

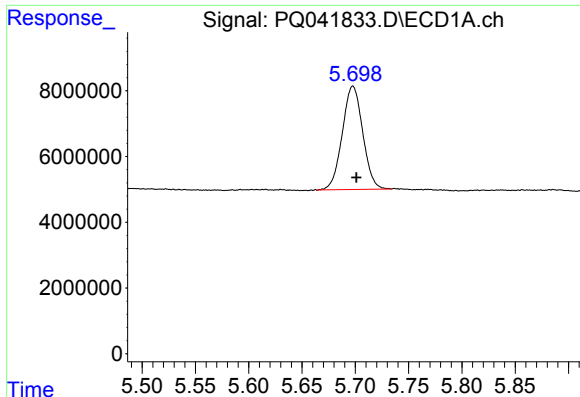
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

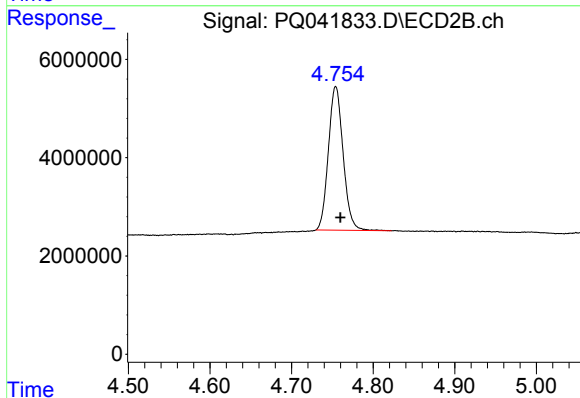




#1 Tetrachloro-m-xylene

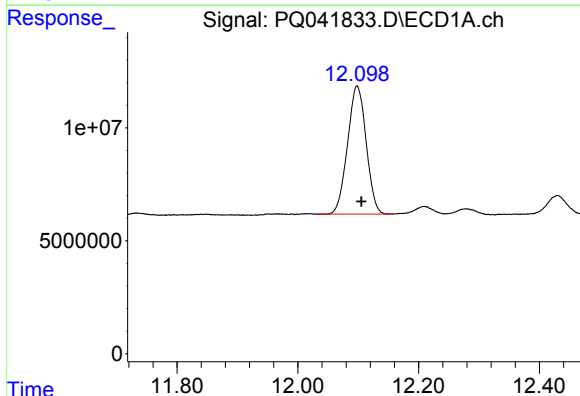
R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 41963847
Conc: 18.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



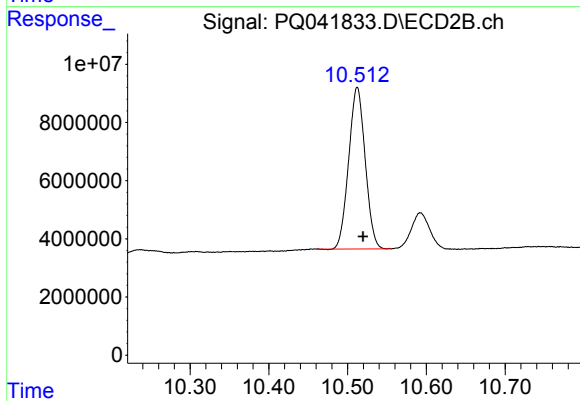
#1 Tetrachloro-m-xylene

R.T.: 4.754 min
Delta R.T.: -0.006 min
Response: 36673514
Conc: 19.03 ng/ml



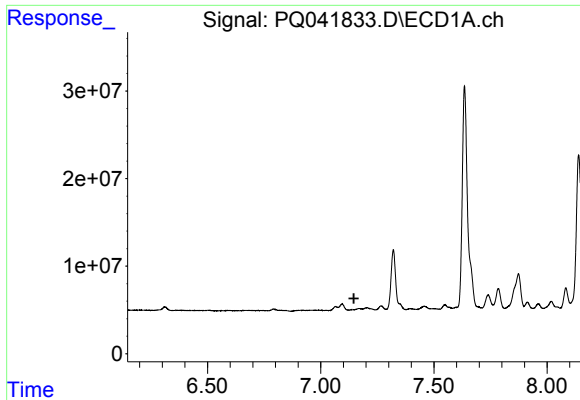
#2 Decachlorobiphenyl

R.T.: 12.098 min
Delta R.T.: -0.007 min
Response: 121255137
Conc: 14.38 ng/ml



#2 Decachlorobiphenyl

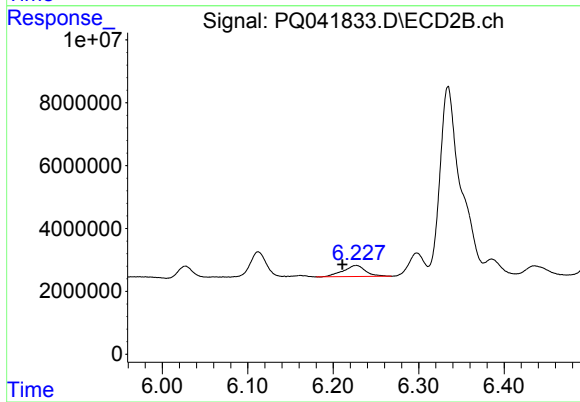
R.T.: 10.512 min
Delta R.T.: -0.007 min
Response: 80842617
Conc: 16.71 ng/ml



#3 AR-1016-1

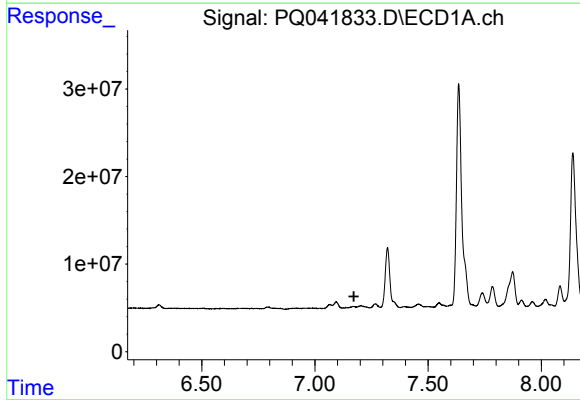
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



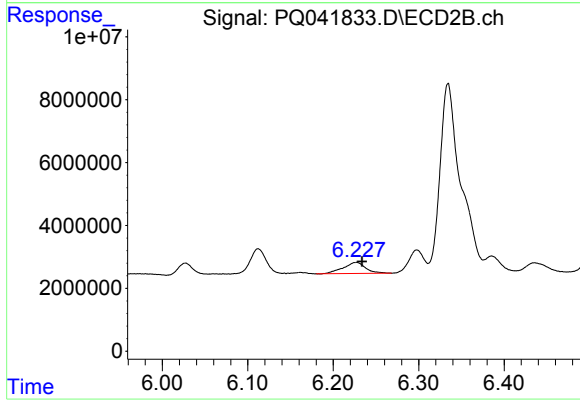
#3 AR-1016-1

R.T.: 6.227 min
Delta R.T.: 0.016 min
Response: 6371286
Conc: 61.40 ng/ml



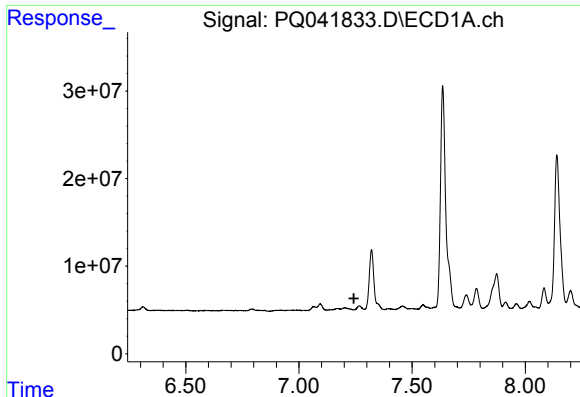
#4 AR-1016-2

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



#4 AR-1016-2

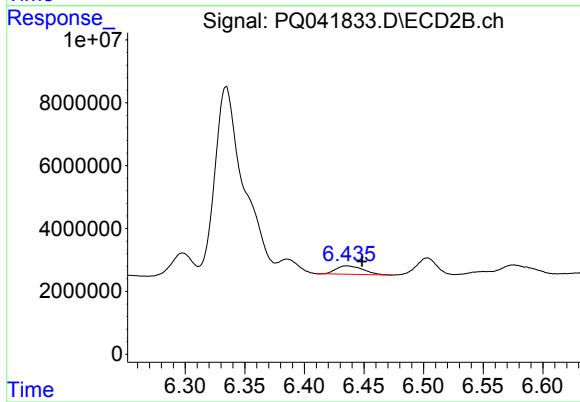
R.T.: 6.227 min
Delta R.T.: -0.006 min
Response: 6371286
Conc: 44.47 ng/ml



#5 AR-1016-3

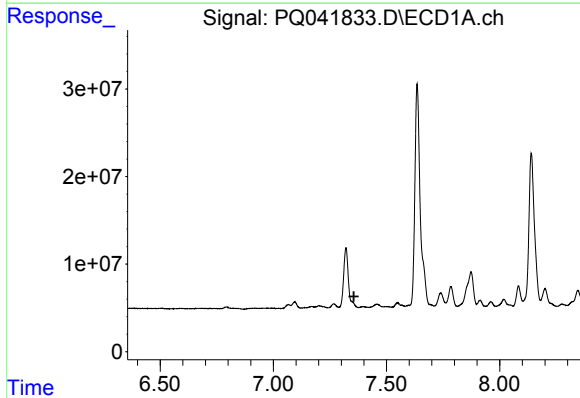
R.T.: 0.000 min
Exp R.T.: 7.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



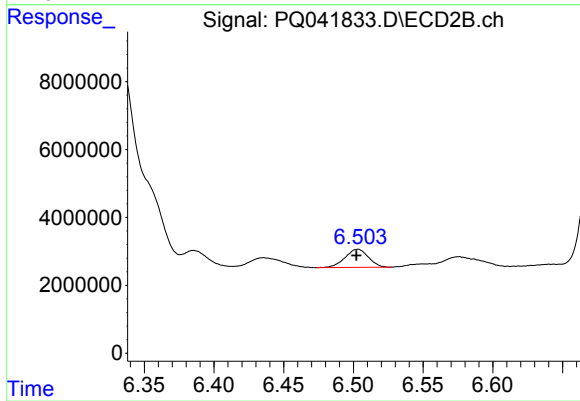
#5 AR-1016-3

R.T.: 6.436 min
Delta R.T.: -0.013 min
Response: 4141597
Conc: 55.54 ng/ml



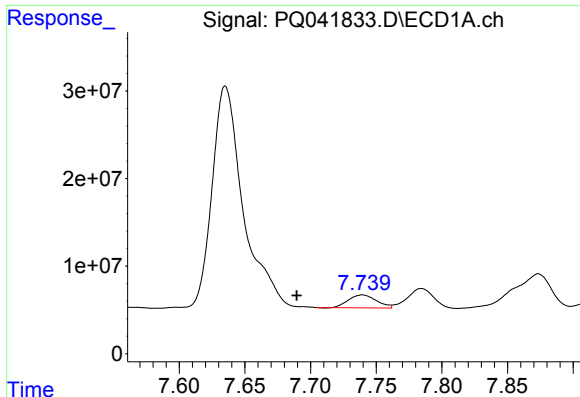
#6 AR-1016-4

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



#6 AR-1016-4

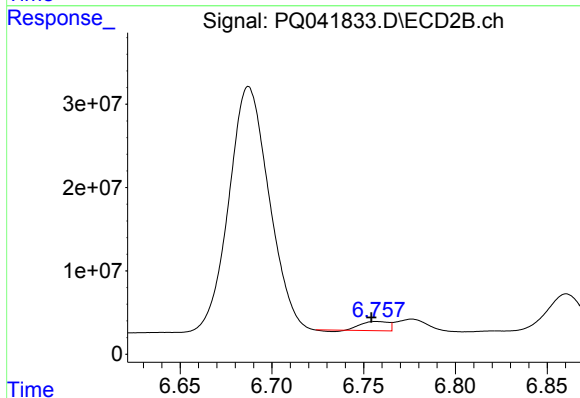
R.T.: 6.503 min
Delta R.T.: 0.001 min
Response: 6243415
Conc: 100.68 ng/ml



#7 AR-1016-5

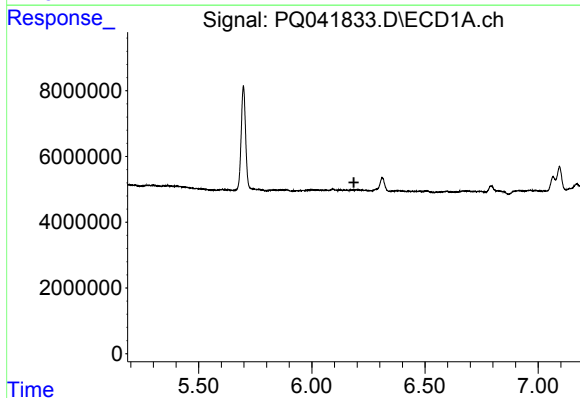
R.T.: 7.739 min
Delta R.T.: 0.050 min
Response: 21875555
Conc: 278.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



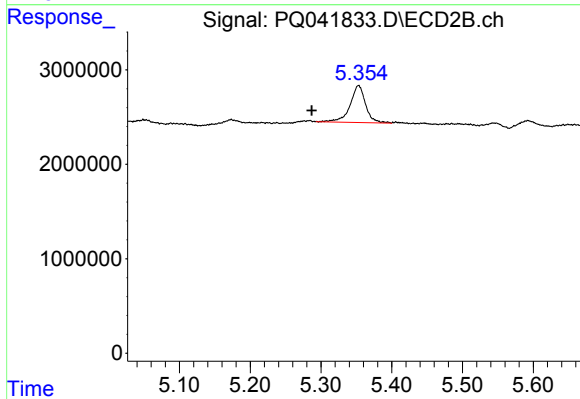
#7 AR-1016-5

R.T.: 6.757 min
Delta R.T.: 0.003 min
Response: 11001456
Conc: 135.15 ng/ml



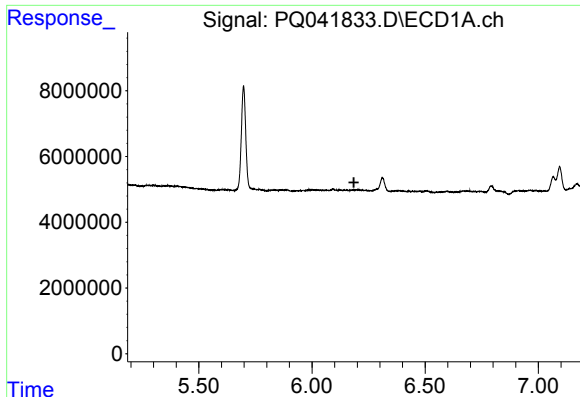
#10 AR-1221-3

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



#10 AR-1221-3

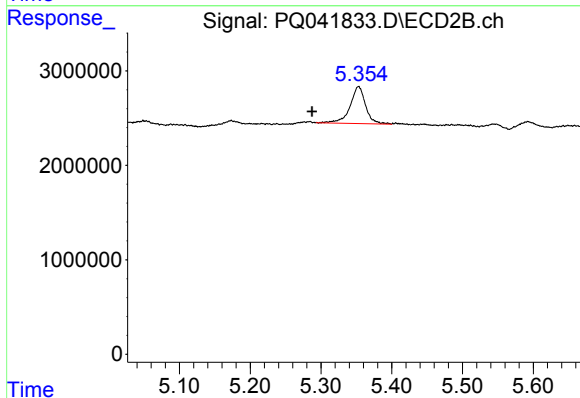
R.T.: 5.353 min
Delta R.T.: 0.066 min
Response: 5930323
Conc: 108.75 ng/ml



#11 AR-1232-1

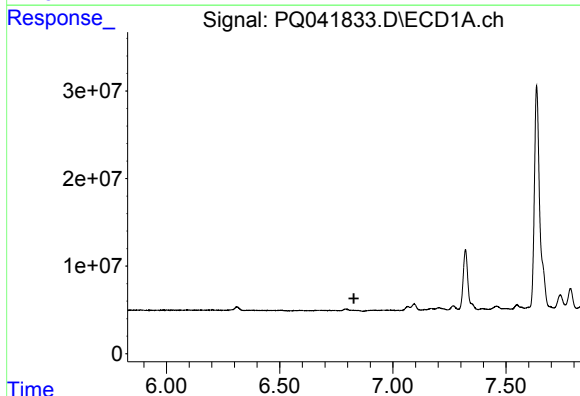
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



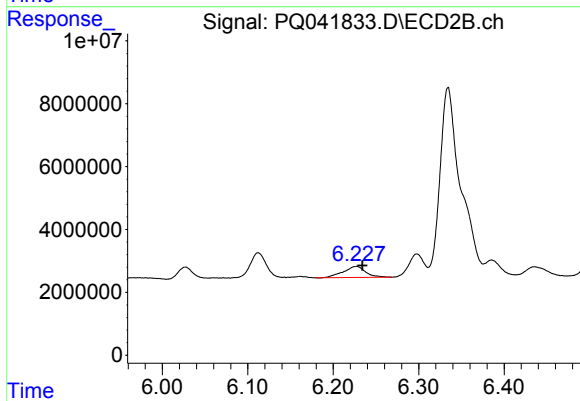
#11 AR-1232-1

R.T.: 5.353 min
Delta R.T.: 0.066 min
Response: 5930323
Conc: 122.81 ng/ml



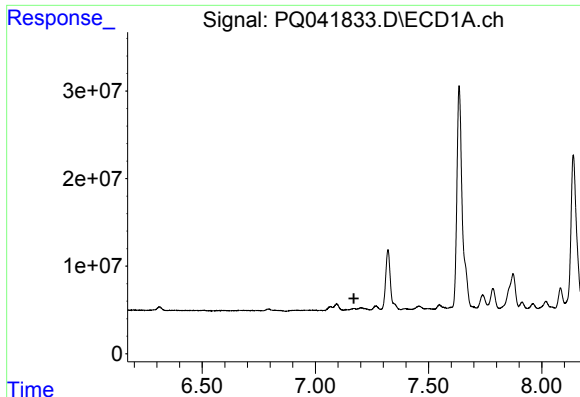
#12 AR-1232-2

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



#12 AR-1232-2

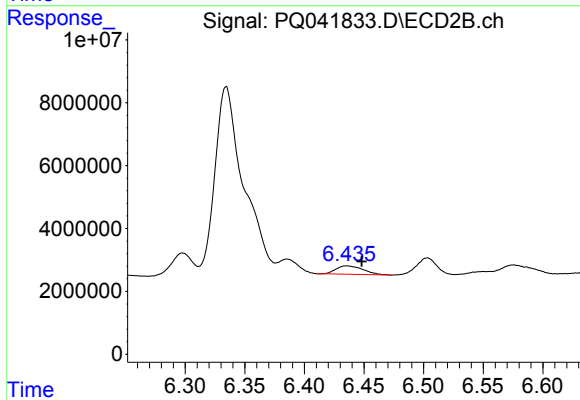
R.T.: 6.227 min
Delta R.T.: -0.007 min
Response: 6371286
Conc: 111.72 ng/ml



#13 AR-1232-3

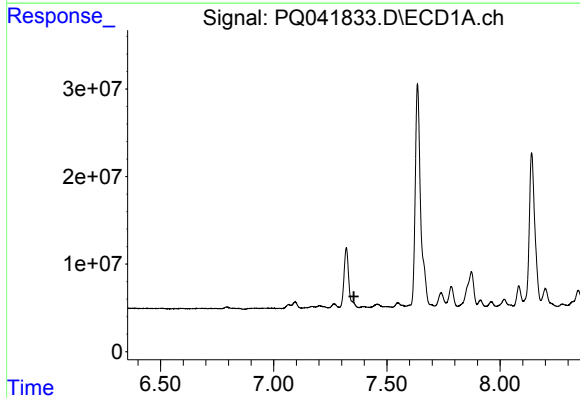
R.T.: 0.000 min
Exp R.T.: 7.170 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



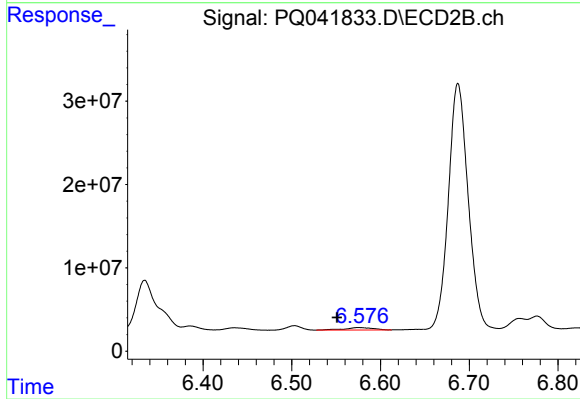
#13 AR-1232-3

R.T.: 6.436 min
Delta R.T.: -0.012 min
Response: 4141597
Conc: 138.89 ng/ml



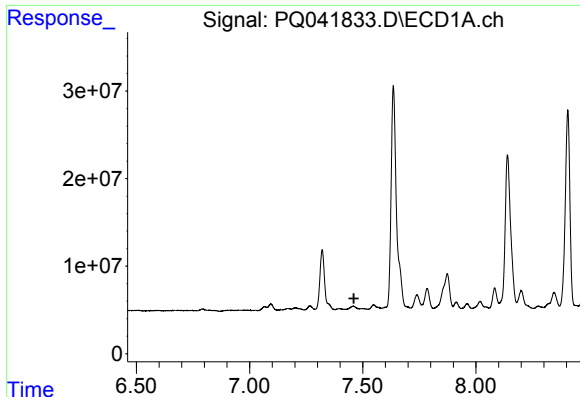
#14 AR-1232-4

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



#14 AR-1232-4

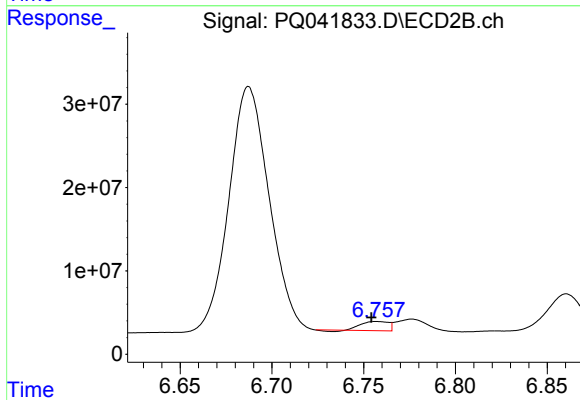
R.T.: 6.576 min
Delta R.T.: 0.024 min
Response: 6374023
Conc: 238.76 ng/ml



#15 AR-1232-5

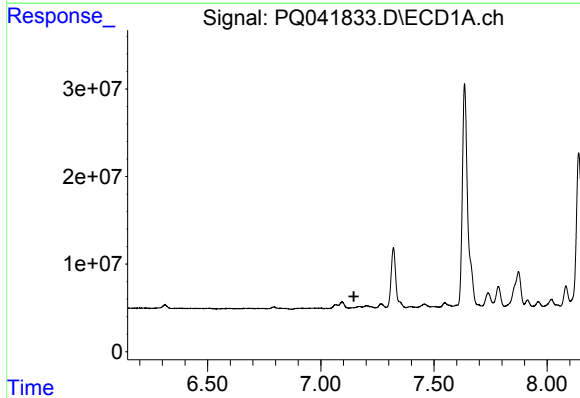
R.T.: 0.000 min
Exp R.T.: 7.461 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



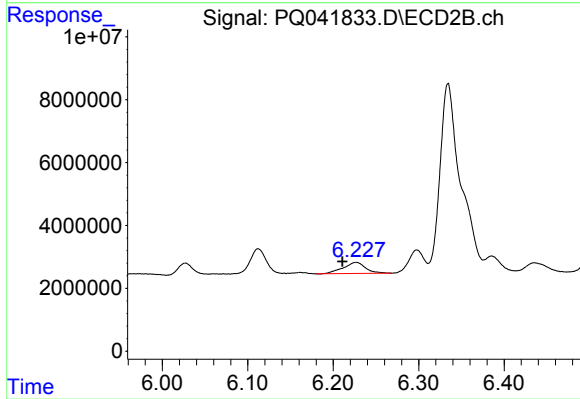
#15 AR-1232-5

R.T.: 6.757 min
Delta R.T.: 0.002 min
Response: 11001456
Conc: 375.14 ng/ml



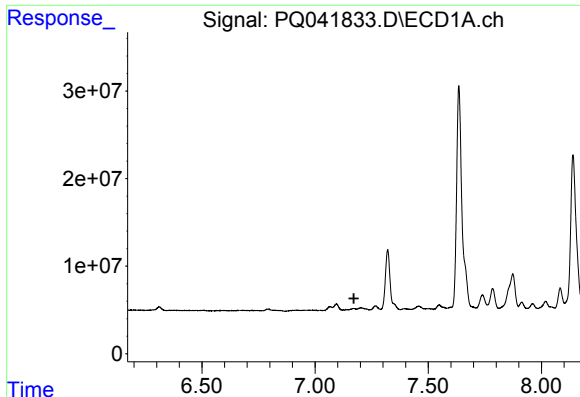
#16 AR-1242-1

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



#16 AR-1242-1

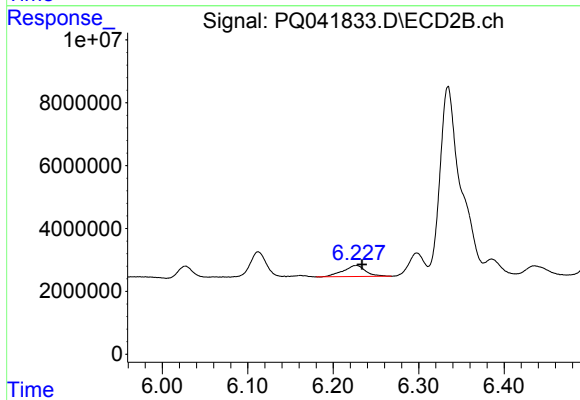
R.T.: 6.227 min
Delta R.T.: 0.017 min
Response: 6371286
Conc: 77.85 ng/ml



#17 AR-1242-2

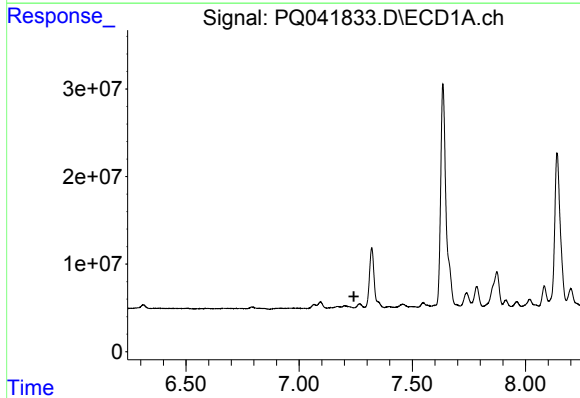
R.T.: 0.000 min
Exp R.T.: 7.171 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



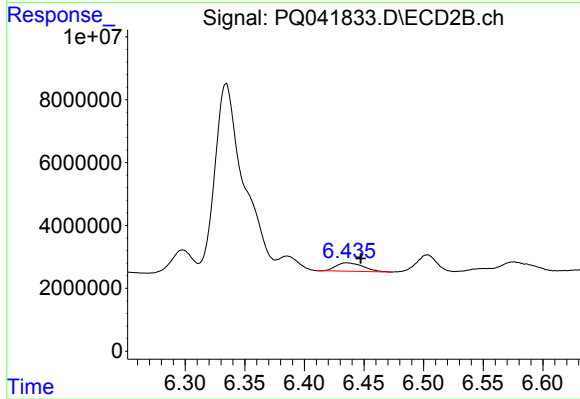
#17 AR-1242-2

R.T.: 6.227 min
Delta R.T.: -0.006 min
Response: 6371286
Conc: 56.41 ng/ml



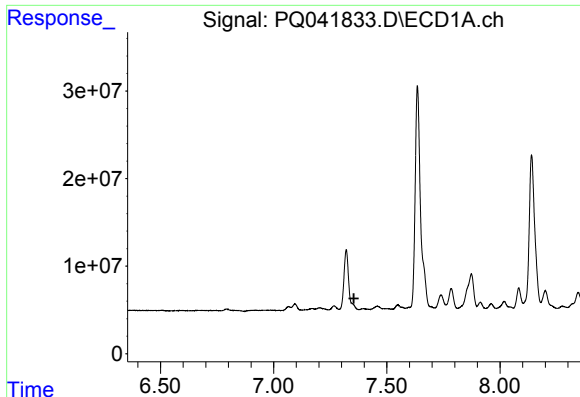
#18 AR-1242-3

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



#18 AR-1242-3

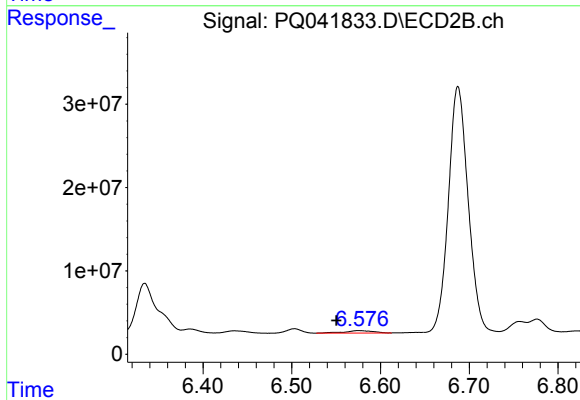
R.T.: 6.436 min
Delta R.T.: -0.011 min
Response: 4141597
Conc: 70.11 ng/ml



#19 AR-1242-4

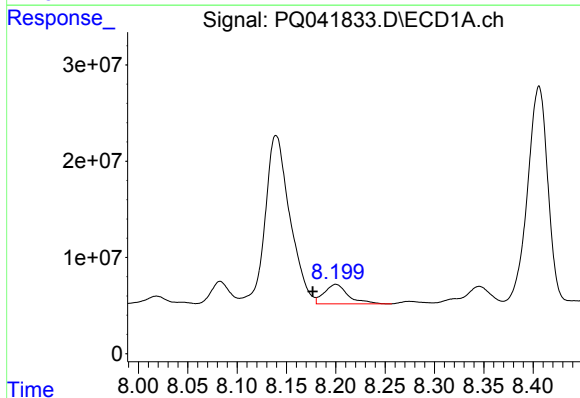
R.T.: 0.000 min
Exp R.T.: 7.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



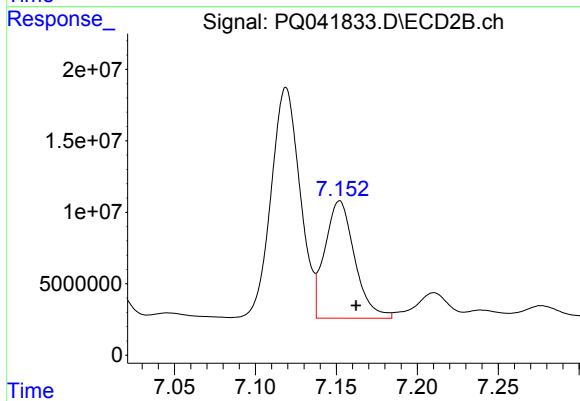
#19 AR-1242-4

R.T.: 6.576 min
Delta R.T.: 0.026 min
Response: 6374023
Conc: 107.49 ng/ml



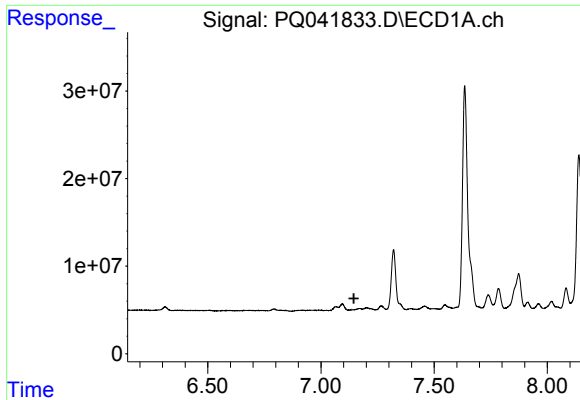
#20 AR-1242-5

R.T.: 8.200 min
Delta R.T.: 0.023 min
Response: 34007825
Conc: 383.29 ng/ml



#20 AR-1242-5

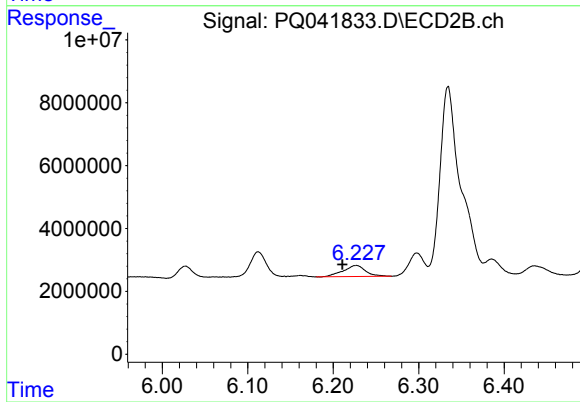
R.T.: 7.152 min
Delta R.T.: -0.010 min
Response: 105257461
Conc: 1185.41 ng/ml



#21 AR-1248-1

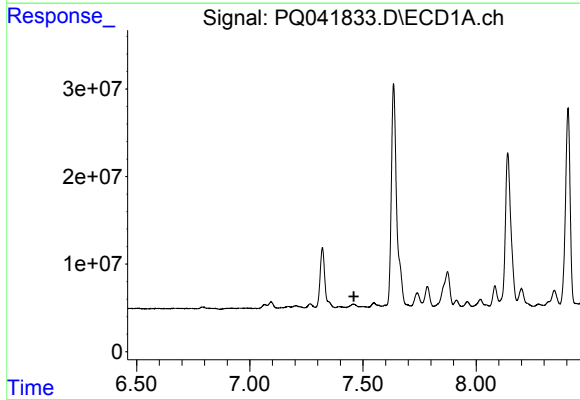
R.T.: 0.000 min
Exp R.T.: 7.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



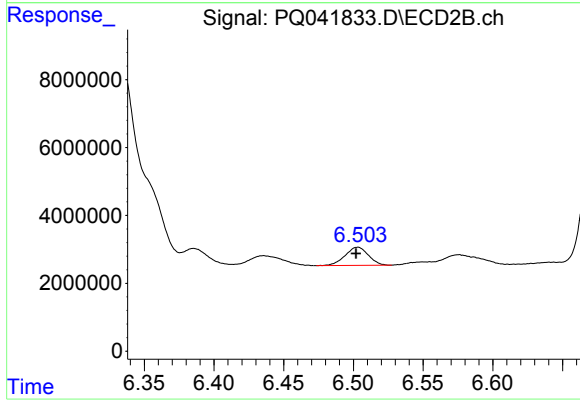
#21 AR-1248-1

R.T.: 6.227 min
Delta R.T.: 0.017 min
Response: 6371286
Conc: 96.09 ng/ml



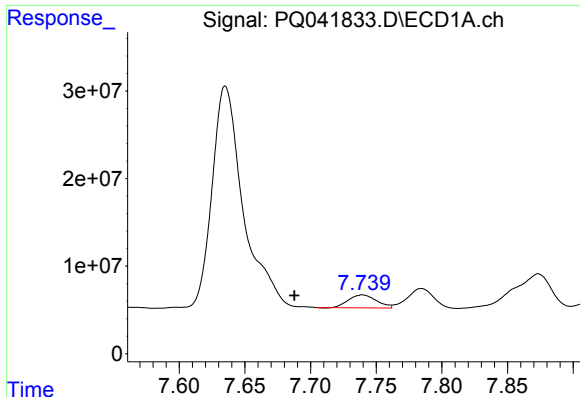
#22 AR-1248-2

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



#22 AR-1248-2

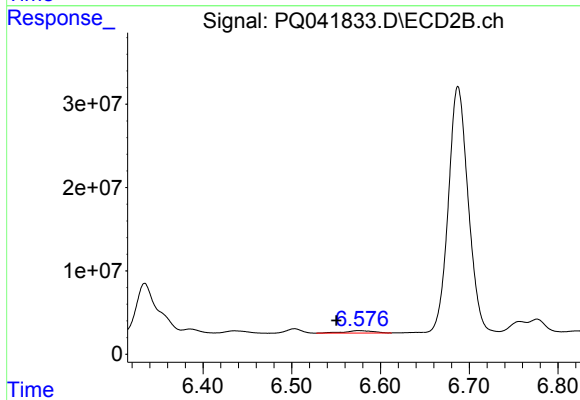
R.T.: 6.503 min
Delta R.T.: 0.002 min
Response: 6243415
Conc: 71.61 ng/ml



#23 AR-1248-3

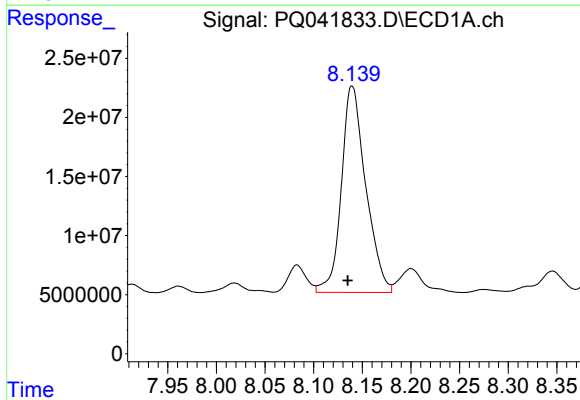
R.T.: 7.739 min
Delta R.T.: 0.052 min
Response: 21875555
Conc: 195.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



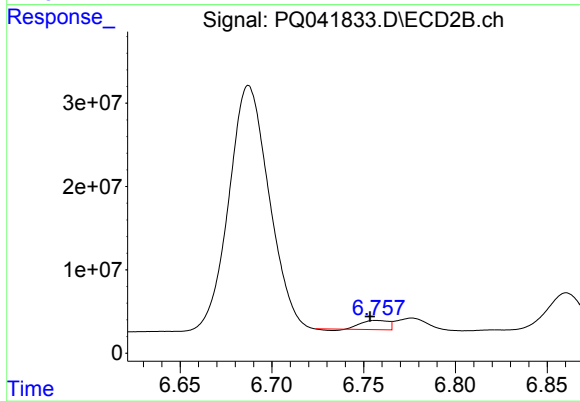
#23 AR-1248-3

R.T.: 6.576 min
Delta R.T.: 0.026 min
Response: 6374023
Conc: 71.41 ng/ml



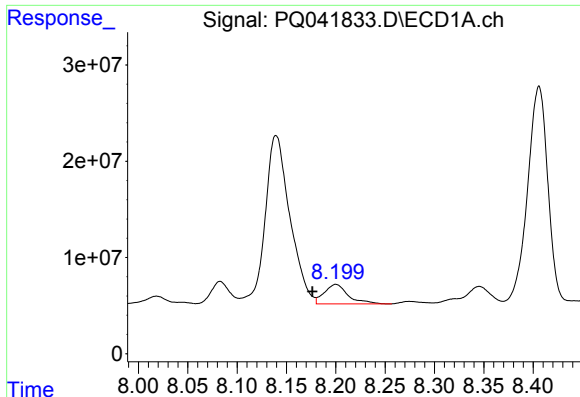
#24 AR-1248-4

R.T.: 8.139 min
Delta R.T.: 0.004 min
Response: 304236444
Conc: 1945.77 ng/ml



#24 AR-1248-4

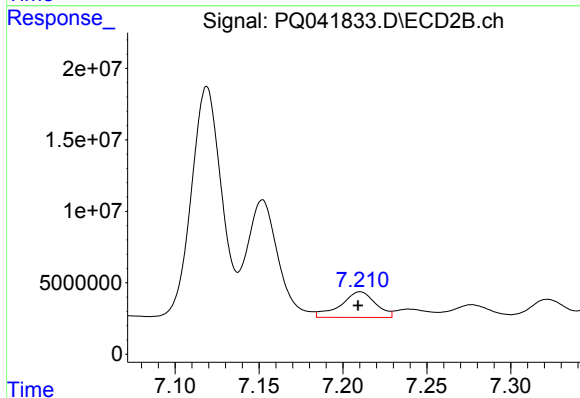
R.T.: 6.757 min
Delta R.T.: 0.003 min
Response: 11001456
Conc: 99.88 ng/ml



#25 AR-1248-5

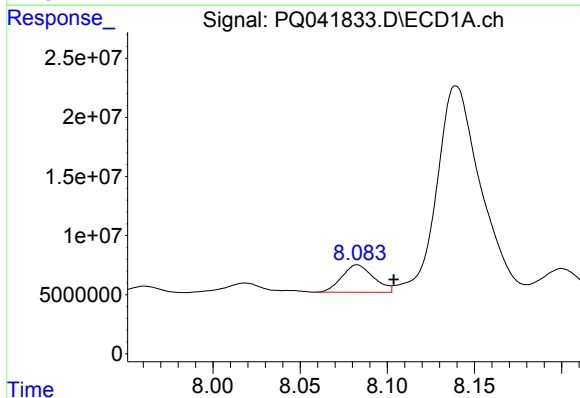
R.T.: 8.200 min
Delta R.T.: 0.024 min
Response: 34007825
Conc: 224.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



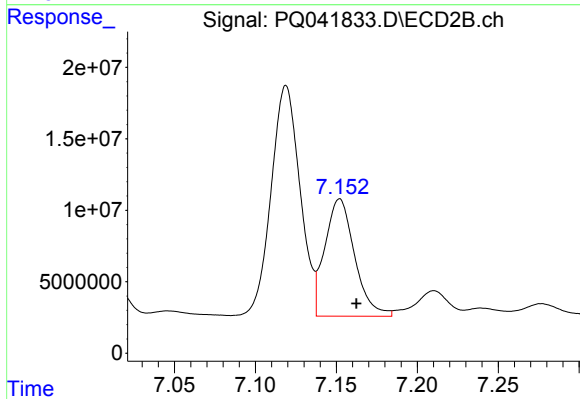
#25 AR-1248-5

R.T.: 7.210 min
Delta R.T.: 0.001 min
Response: 25956826
Conc: 202.51 ng/ml



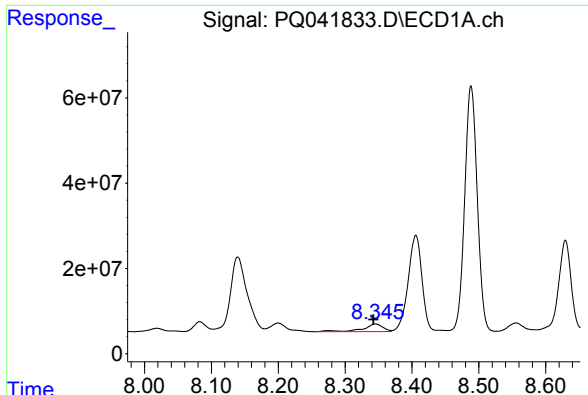
#26 AR-1254-1

R.T.: 8.083 min
Delta R.T.: -0.021 min
Response: 29348362
Conc: 210.97 ng/ml



#26 AR-1254-1

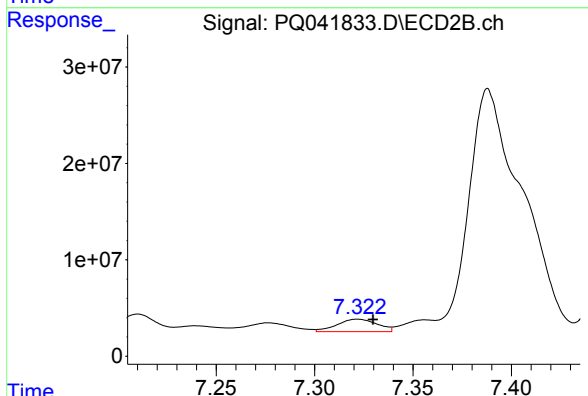
R.T.: 7.152 min
Delta R.T.: -0.010 min
Response: 105257461
Conc: 575.54 ng/ml



#27 AR-1254-2

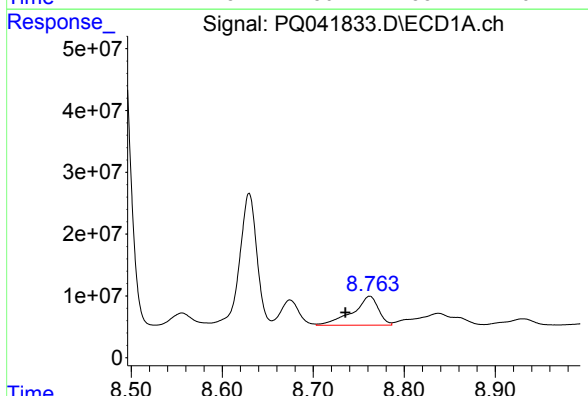
R.T.: 8.345 min
Delta R.T.: 0.003 min
Response: 37498367
Conc: 163.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



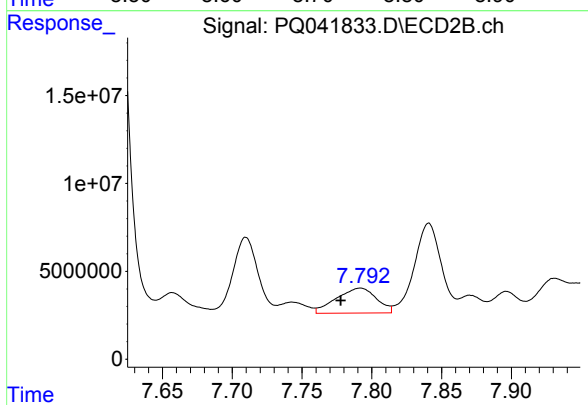
#27 AR-1254-2

R.T.: 7.322 min
Delta R.T.: -0.008 min
Response: 18388361
Conc: 113.60 ng/ml



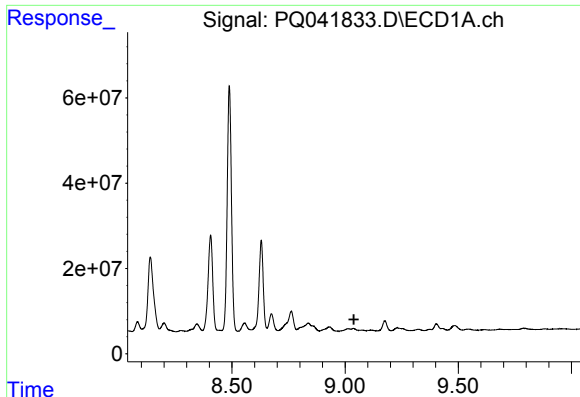
#28 AR-1254-3

R.T.: 8.762 min
Delta R.T.: 0.027 min
Response: 92079640
Conc: 336.76 ng/ml



#28 AR-1254-3

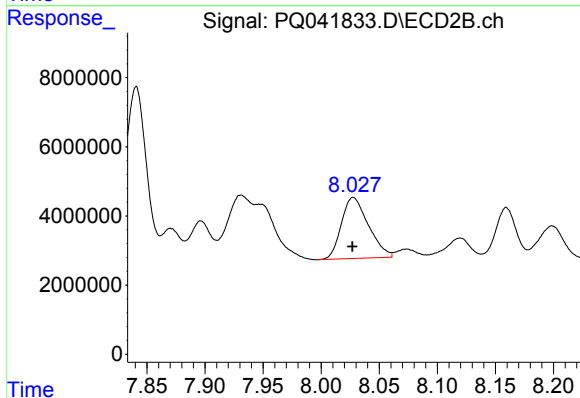
R.T.: 7.792 min
Delta R.T.: 0.014 min
Response: 28332587
Conc: 98.24 ng/ml



#29 AR-1254-4

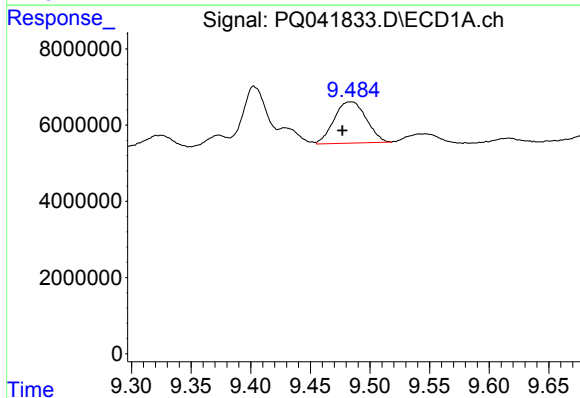
R.T.: 0.000 min
Exp R.T.: 9.039 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



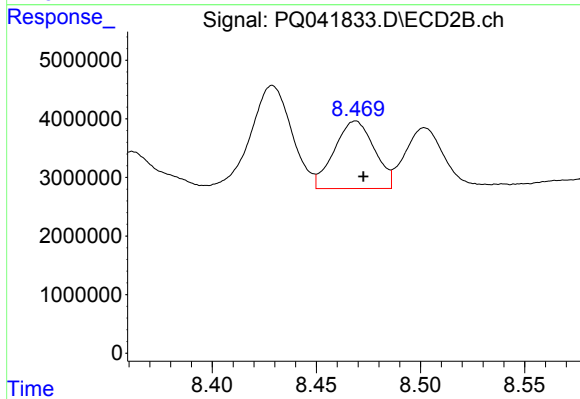
#29 AR-1254-4

R.T.: 8.028 min
Delta R.T.: 0.000 min
Response: 28604409
Conc: 131.77 ng/ml



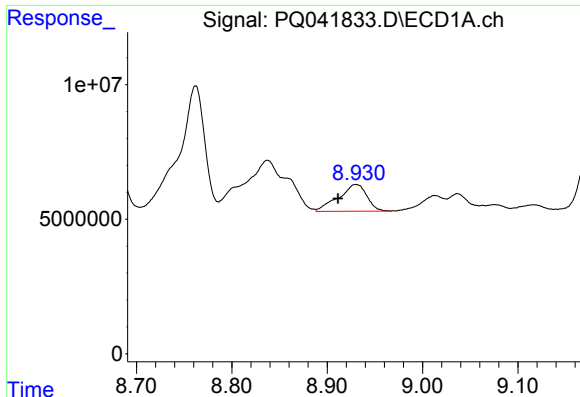
#30 AR-1254-5

R.T.: 9.484 min
Delta R.T.: 0.007 min
Response: 20356030
Conc: 75.16 ng/ml



#30 AR-1254-5

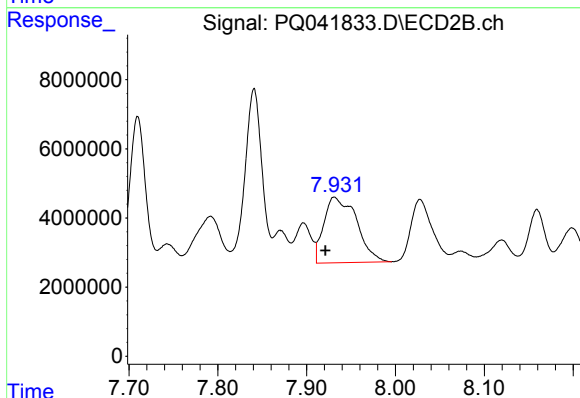
R.T.: 8.469 min
Delta R.T.: -0.004 min
Response: 15489894
Conc: 51.50 ng/ml



#31 AR-1260-1

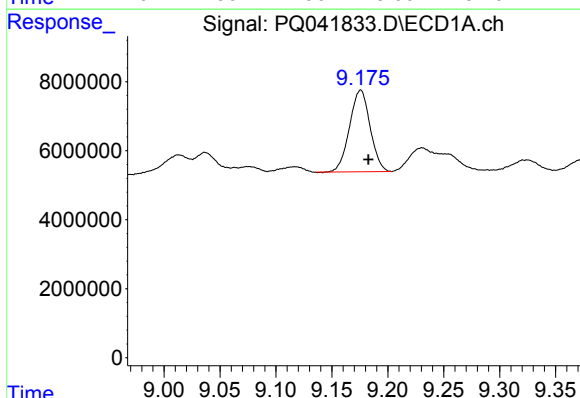
R.T.: 8.930 min
Delta R.T.: 0.019 min
Response: 20522215
Conc: 115.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



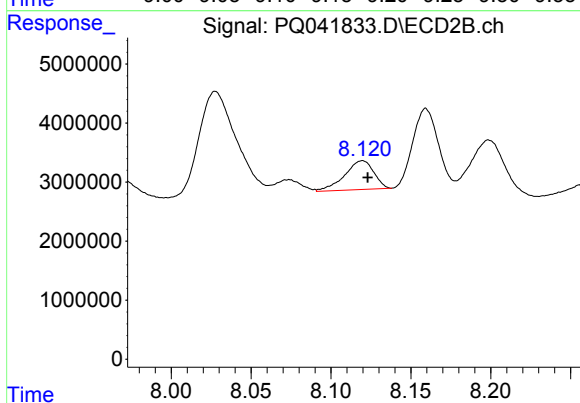
#31 AR-1260-1

R.T.: 7.931 min
Delta R.T.: 0.010 min
Response: 48706469
Conc: 268.46 ng/ml



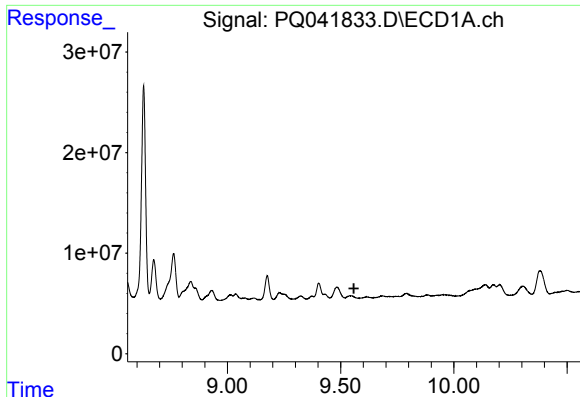
#32 AR-1260-2

R.T.: 9.176 min
Delta R.T.: -0.007 min
Response: 30324274
Conc: 120.20 ng/ml



#32 AR-1260-2

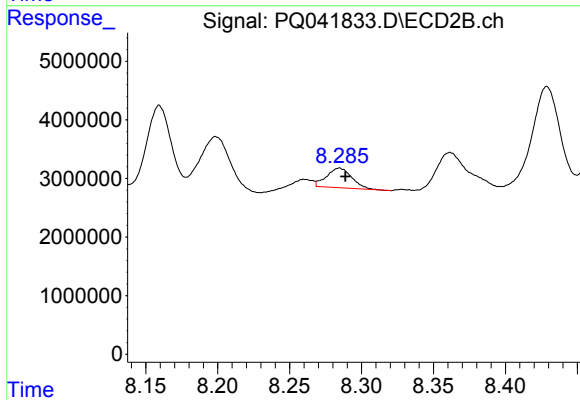
R.T.: 8.120 min
Delta R.T.: -0.003 min
Response: 6211195
Conc: 25.32 ng/ml



#33 AR-1260-3

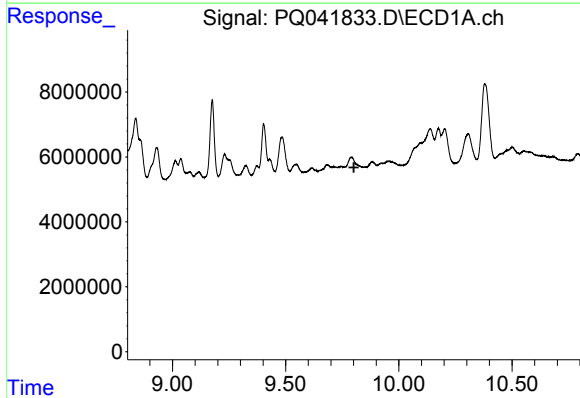
R.T.: 0.000 min
Exp R.T.: 9.558 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



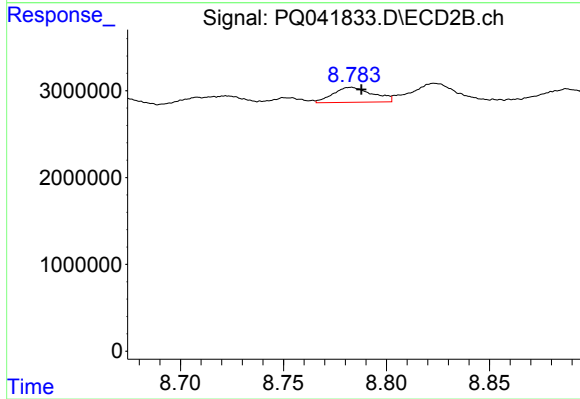
#33 AR-1260-3

R.T.: 8.285 min
Delta R.T.: -0.004 min
Response: 4118127
Conc: 19.35 ng/ml



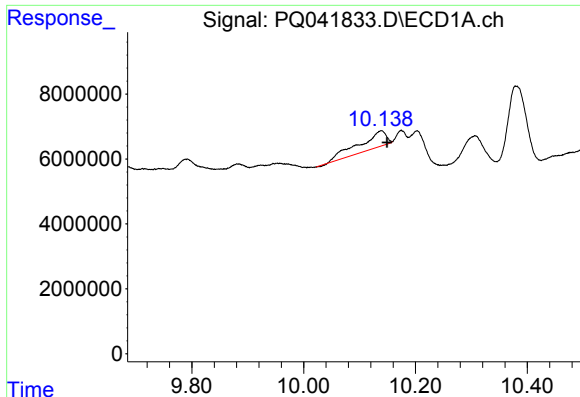
#34 AR-1260-4

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



#34 AR-1260-4

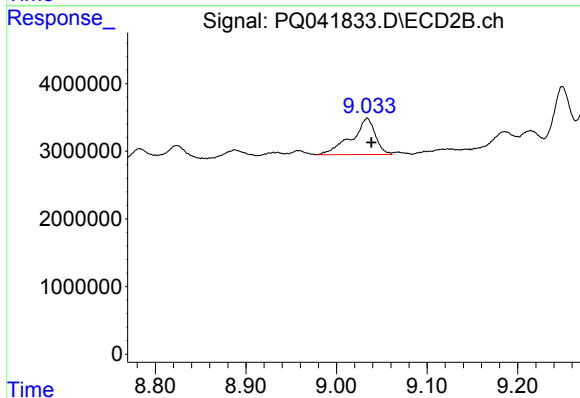
R.T.: 8.783 min
Delta R.T.: -0.005 min
Response: 2305335
Conc: 11.40 ng/ml



#35 AR-1260-5

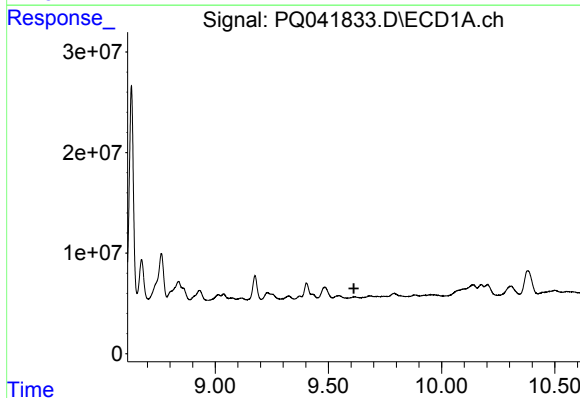
R.T.: 10.139 min
Delta R.T.: -0.010 min
Response: 17204054
Conc: 25.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



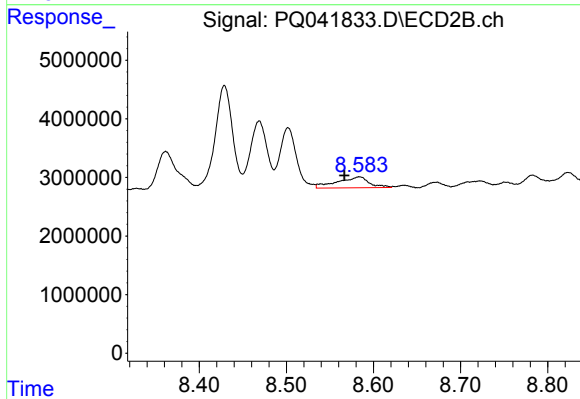
#35 AR-1260-5

R.T.: 9.034 min
Delta R.T.: -0.005 min
Response: 9810280
Conc: 16.62 ng/ml



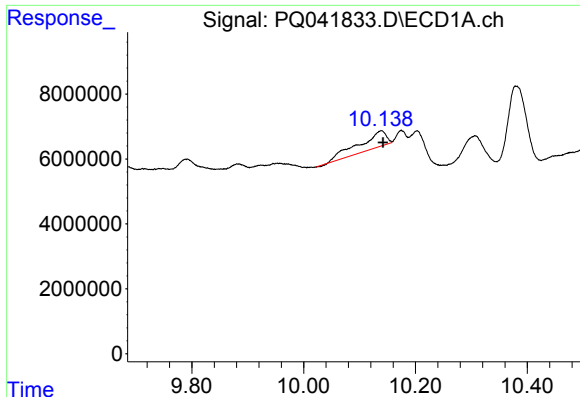
#36 AR-1262-1

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



#36 AR-1262-1

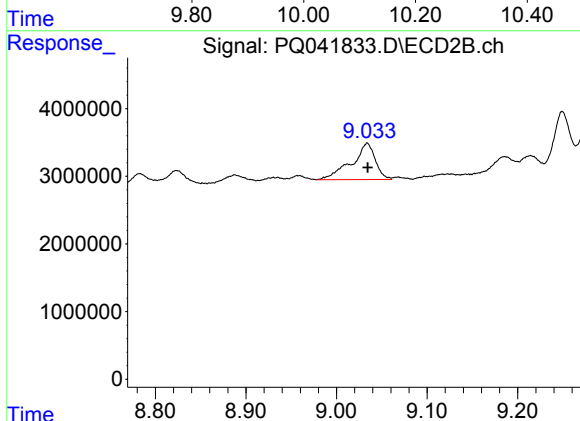
R.T.: 8.584 min
Delta R.T.: 0.017 min
Response: 4735334
Conc: 33.01 ng/ml



#37 AR-1262-2

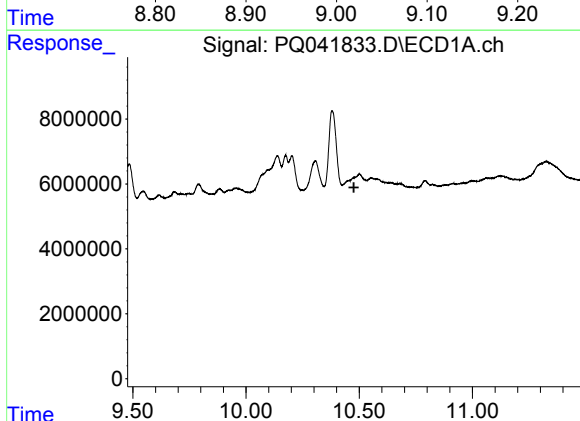
R.T.: 10.139 min
Delta R.T.: -0.003 min
Response: 17204054
Conc: 19.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



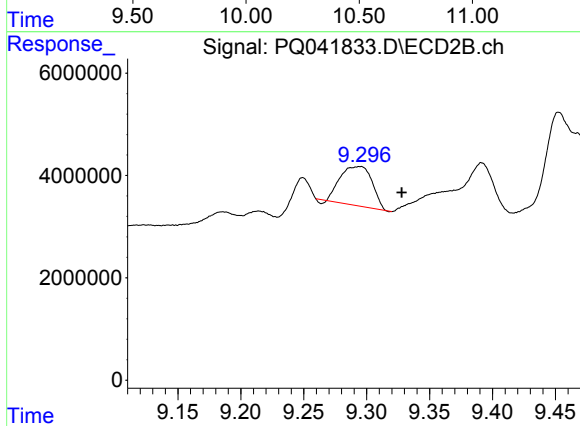
#37 AR-1262-2

R.T.: 9.034 min
Delta R.T.: 0.000 min
Response: 9810280
Conc: 13.24 ng/ml



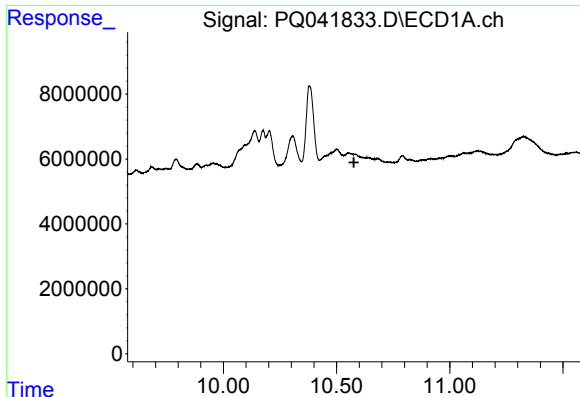
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 10.477 min
Response: 0
Conc: N.D.



#38 AR-1262-3

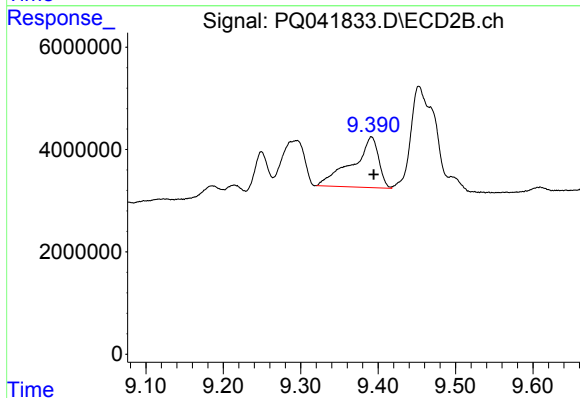
R.T.: 9.295 min
Delta R.T.: -0.033 min
Response: 13372160
Conc: 42.27 ng/ml



#39 AR-1262-4

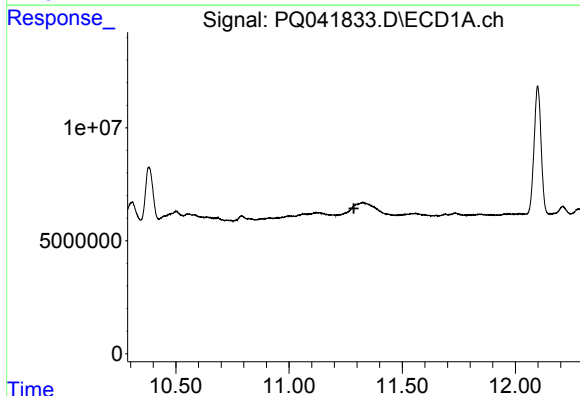
R.T.: 0.000 min
Exp R.T.: 10.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



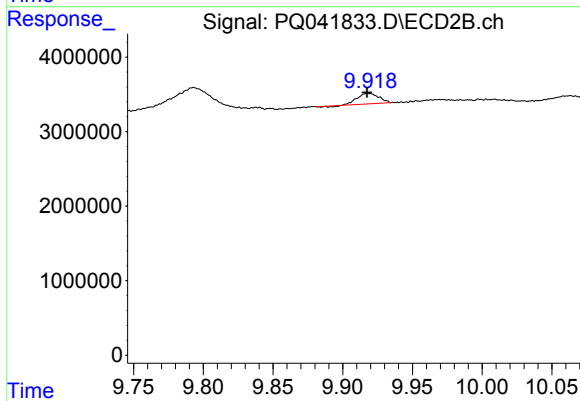
#39 AR-1262-4

R.T.: 9.391 min
Delta R.T.: -0.003 min
Response: 23290451
Conc: 41.42 ng/ml



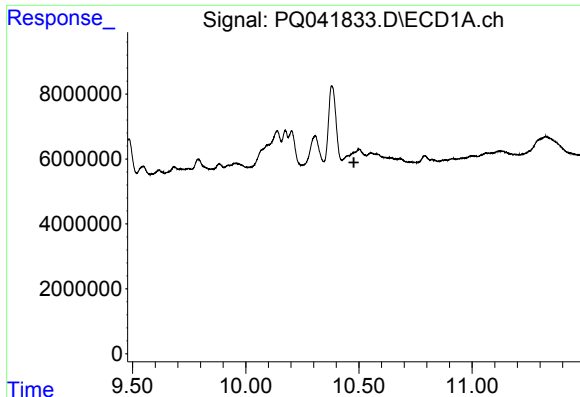
#40 AR-1262-5

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



#40 AR-1262-5

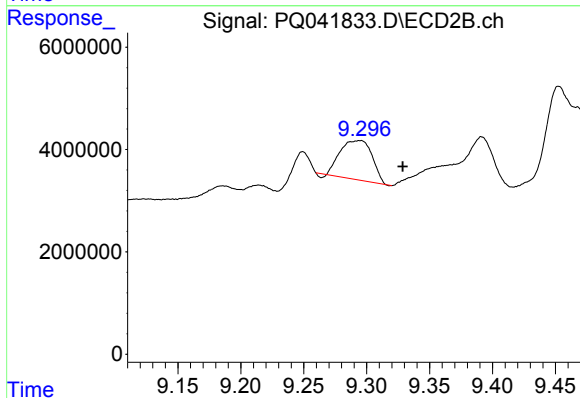
R.T.: 9.918 min
Delta R.T.: 0.000 min
Response: 1468329
Conc: 5.14 ng/ml



#41 AR-1268-1

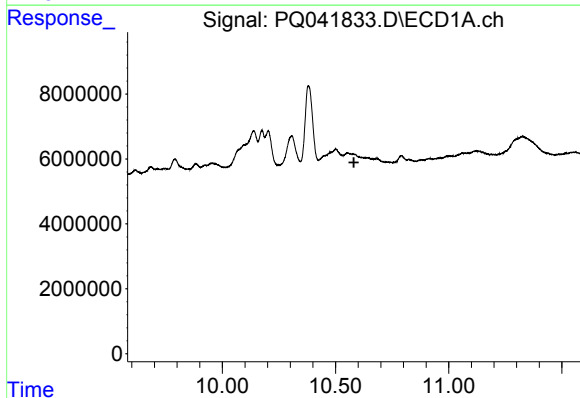
R.T.: 0.000 min
Exp R.T. : 10.478 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



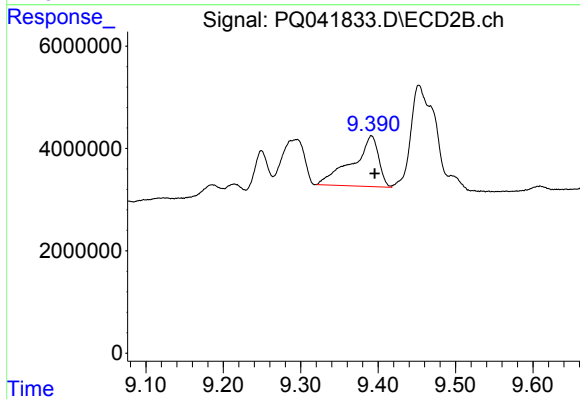
#41 AR-1268-1

R.T.: 9.295 min
Delta R.T.: -0.034 min
Response: 13372160
Conc: 11.70 ng/ml



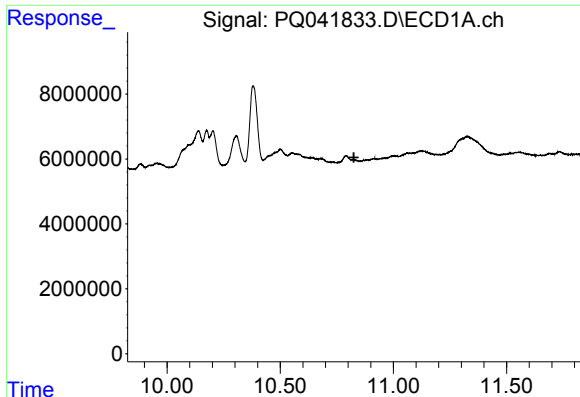
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 10.581 min
Response: 0
Conc: N.D.



#42 AR-1268-2

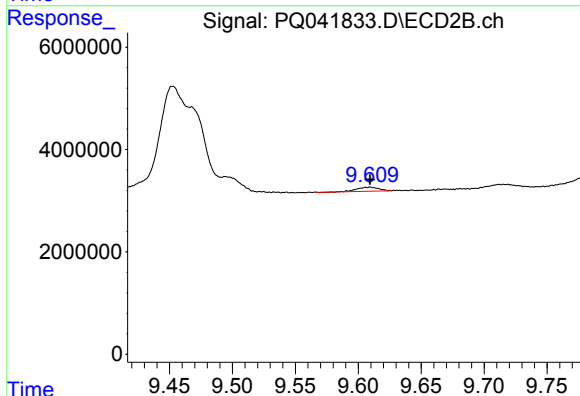
R.T.: 9.391 min
Delta R.T.: -0.004 min
Response: 23290451
Conc: 22.69 ng/ml



#43 AR-1268-3

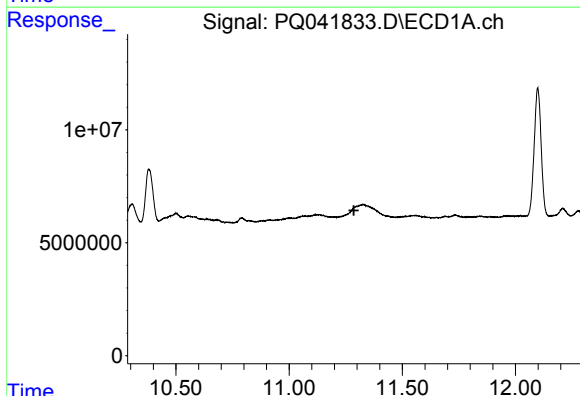
R.T.: 0.000 min
Exp R.T.: 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



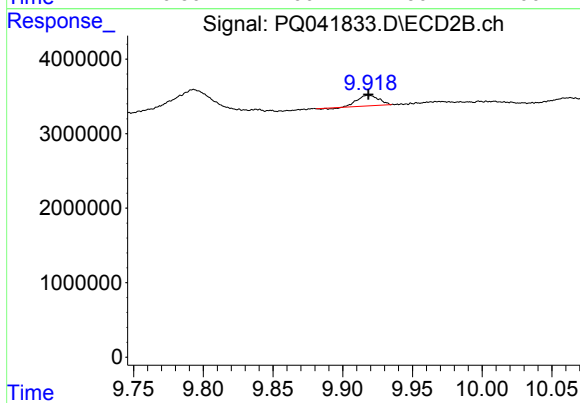
#43 AR-1268-3

R.T.: 9.609 min
Delta R.T.: 0.000 min
Response: 928686
Conc: 1.07 ng/ml



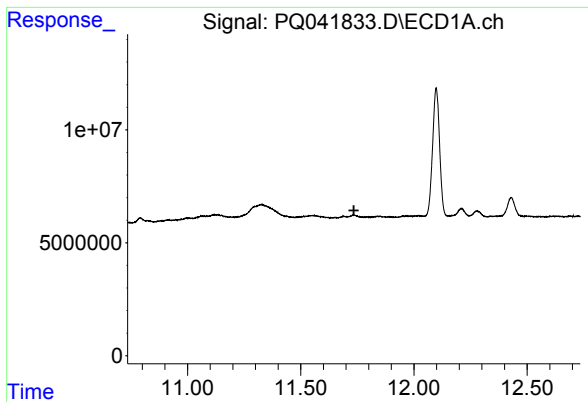
#44 AR-1268-4

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



#44 AR-1268-4

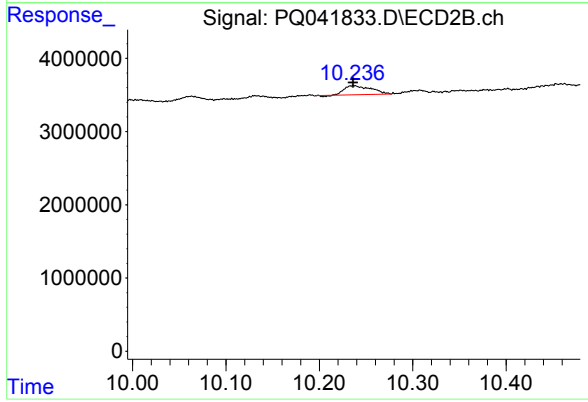
R.T.: 9.918 min
Delta R.T.: 0.000 min
Response: 1468329
Conc: 3.82 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 2460755
Conc: 0.95 ng/ml