

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072919\
 Data File : PQ041769.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2019 17:04
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 00:55:01 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	4.757	43230921	37682733	18.850	19.553
2)	SA Decachlor...	12.099	10.515	328.3E6	212.5E6	38.942	43.934
Target Compounds							
3)	L1 AR-1016-1	7.143	6.209	24317397	24365919	224.986	234.809
4)	L1 AR-1016-2	7.169	6.232	29510181	25548815	188.530	178.327
5)	L1 AR-1016-3	7.240	6.446	14907458	15662753	154.117	210.035 #
6)	L1 AR-1016-4	7.352	6.500	15895422	30767183	203.750	496.162 #
7)	L1 AR-1016-5	7.686	6.752	38646322	39496039	491.620	485.189
10)	L2 AR-1221-3	0.000	5.285	0	3285276	N.D.	60.245 #
11)	L3 AR-1232-1	0.000	5.285	0	3285276	N.D.	68.035 #
12)	L3 AR-1232-2	0.000	6.232	0	25548815	N.D.	448.006 #
13)	L3 AR-1232-3	7.169	6.446	29510181	15662753	442.011	525.252
14)	L3 AR-1232-4	7.352	6.548	15895422	32571794	495.545	1220.069 #
15)	L3 AR-1232-5	7.458	6.752	30208819	39496039	1405.697	1346.786
16)	L4 AR-1242-1	7.143	6.209	24317397	24365919	271.857	297.727
17)	L4 AR-1242-2	7.169	6.232	29510181	25548815	229.488	226.220
18)	L4 AR-1242-3	7.240	6.446	14907458	15662753	183.847	265.144 #
19)	L4 AR-1242-4	7.352	6.548	15895422	32571794	247.255	549.296 #
20)	L4 AR-1242-5	8.175	7.161	51642985	69543913	582.051	783.203 #
21)	L5 AR-1248-1	7.143	6.209	24317397	24365919	328.010	367.489
22)	L5 AR-1248-2	7.458	6.500	30208819	30767183	327.420	352.884
23)	L5 AR-1248-3	7.686	6.548	38646322	32571794	344.929	364.927
24)	L5 AR-1248-4	8.133	6.752	54638476	39496039	349.444	358.594
25)	L5 AR-1248-5	8.175	7.208	51642985	51637196	341.276	402.866
26)	L6 AR-1254-1	8.103	7.161	39854847	69543913	286.489	380.261 #
27)	L6 AR-1254-2	8.345	7.329	53839033	22631028	235.225	139.809 #
28)	L6 AR-1254-3	8.735	7.776	33289185	32728305	121.748	113.480
29)	L6 AR-1254-4	9.038	8.025	25638674	27074369	104.148	124.725
30)	L6 AR-1254-5	0.000	8.472	0	6904442	N.D.	22.956 #
31)	L7 AR-1260-1	8.868	7.934	11828128	17501364	66.493	96.464 #
32)	L7 AR-1260-2	0.000	8.120	0	4255417	N.D.	17.345 #
33)	L7 AR-1260-3	0.000	8.285	0	4357366	N.D.	20.479 #
34)	L7 AR-1260-4	0.000	8.785	0	1225356	N.D.	6.057 #
35)	L7 AR-1260-5	0.000	9.035	0	4173377	N.D.	7.071 #
36)	L8 AR-1262-1	0.000	8.506	0	1798072	N.D.	12.533 #
37)	L8 AR-1262-2	0.000	9.035	0	4173377	N.D.	5.632 #
38)	L8 AR-1262-3	0.000	9.331	0	1066796	N.D.	3.372 #
39)	L8 AR-1262-4	0.000	9.396	0	2641263	N.D.	4.697 #
41)	L9 AR-1268-1	0.000	9.331	0	1066796	N.D.	0.933 #
42)	L9 AR-1268-2	0.000	9.396	0	2641263	N.D.	2.573 #
43)	L9 AR-1268-3	0.000	9.610	0	1553499	N.D.	1.788 #
45)	L9 AR-1268-5	0.000	10.237	0	1897927	N.D.	0.731 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072919\
Data File : PQ041769.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2019 17:04
Operator : SM\AJ
Sample : AR1248CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

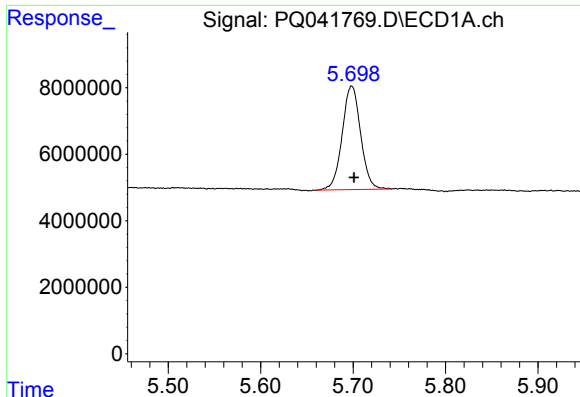
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 00:55:01 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

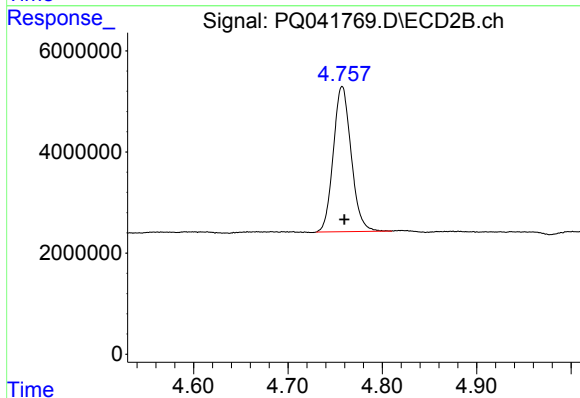
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

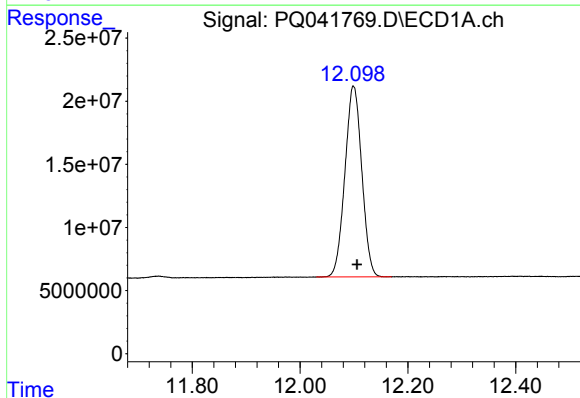
R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 43230921
Conc: 18.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



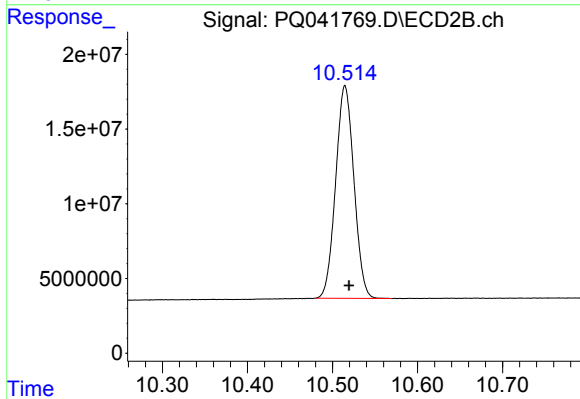
#1 Tetrachloro-m-xylene

R.T.: 4.757 min
Delta R.T.: -0.002 min
Response: 37682733
Conc: 19.55 ng/ml



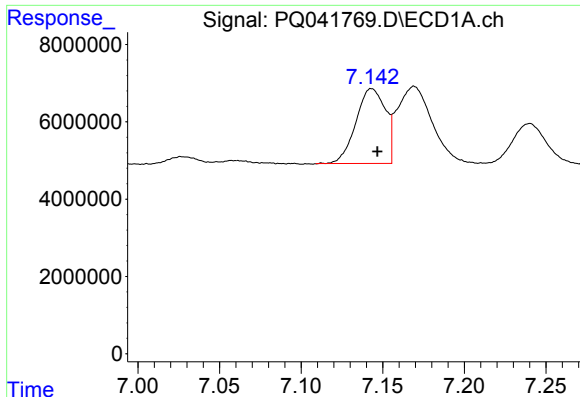
#2 Decachlorobiphenyl

R.T.: 12.099 min
Delta R.T.: -0.007 min
Response: 328331355
Conc: 38.94 ng/ml



#2 Decachlorobiphenyl

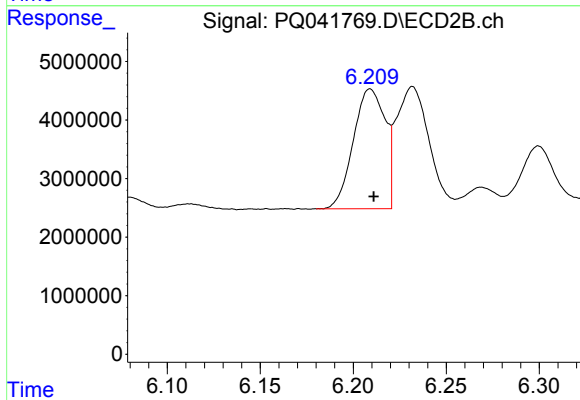
R.T.: 10.515 min
Delta R.T.: -0.005 min
Response: 212522879
Conc: 43.93 ng/ml



#3 AR-1016-1

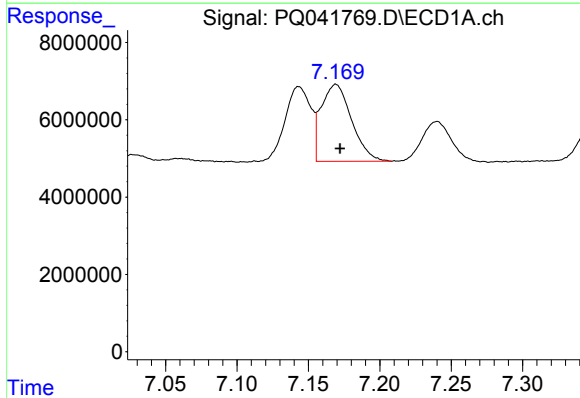
R.T.: 7.143 min
Delta R.T.: -0.003 min
Response: 24317397
Conc: 224.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



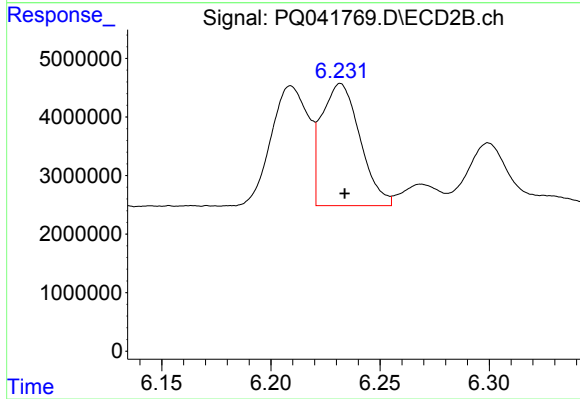
#3 AR-1016-1

R.T.: 6.209 min
Delta R.T.: -0.002 min
Response: 24365919
Conc: 234.81 ng/ml



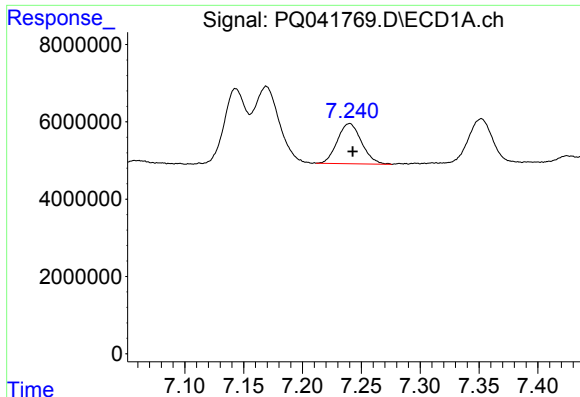
#4 AR-1016-2

R.T.: 7.169 min
Delta R.T.: -0.003 min
Response: 29510181
Conc: 188.53 ng/ml



#4 AR-1016-2

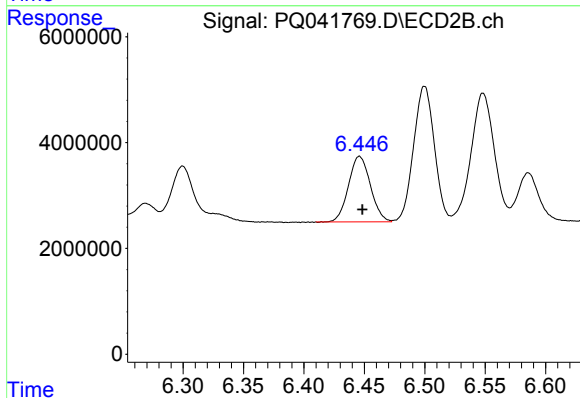
R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 25548815
Conc: 178.33 ng/ml



#5 AR-1016-3

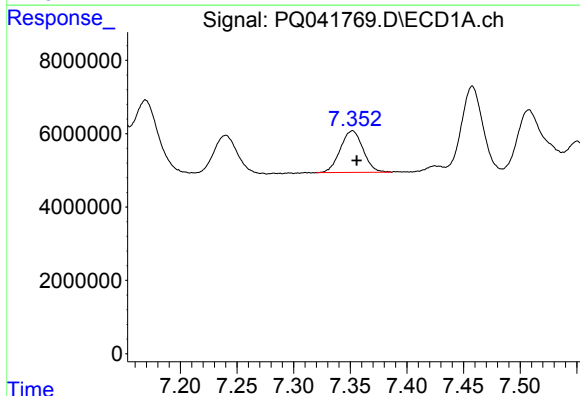
R.T.: 7.240 min
Delta R.T.: -0.002 min
Response: 14907458
Conc: 154.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



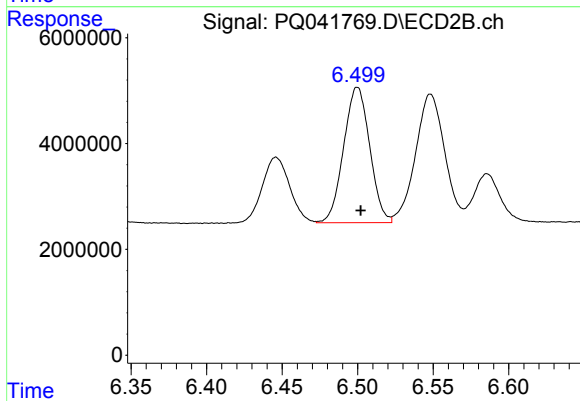
#5 AR-1016-3

R.T.: 6.446 min
Delta R.T.: -0.002 min
Response: 15662753
Conc: 210.04 ng/ml



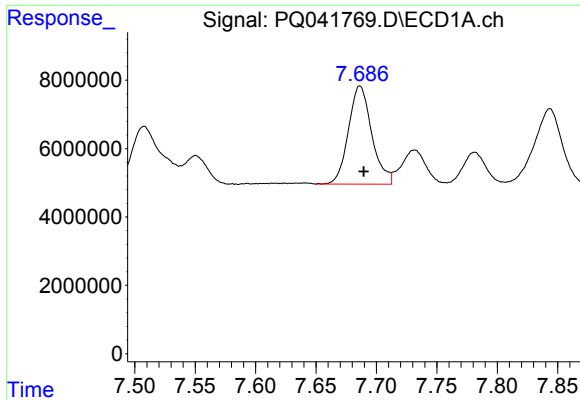
#6 AR-1016-4

R.T.: 7.352 min
Delta R.T.: -0.004 min
Response: 15895422
Conc: 203.75 ng/ml



#6 AR-1016-4

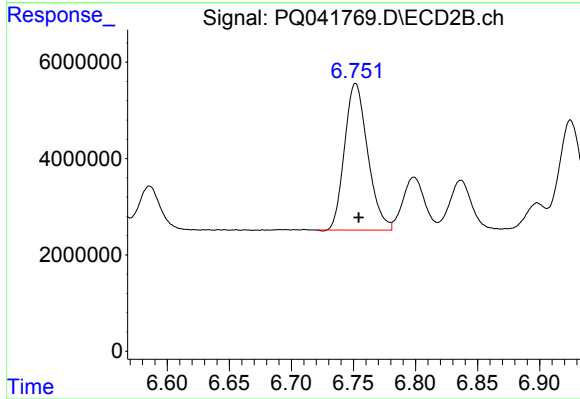
R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 30767183
Conc: 496.16 ng/ml



#7 AR-1016-5

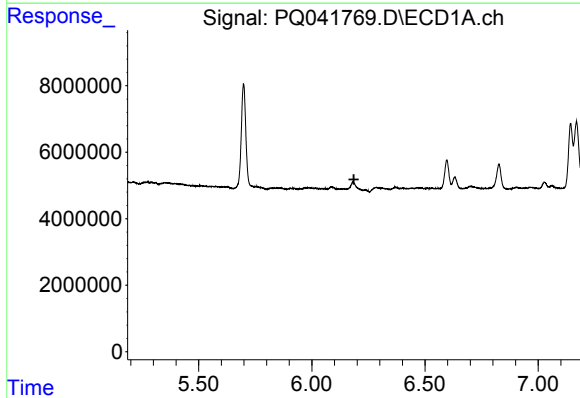
R.T.: 7.686 min
Delta R.T.: -0.003 min
Response: 38646322
Conc: 491.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



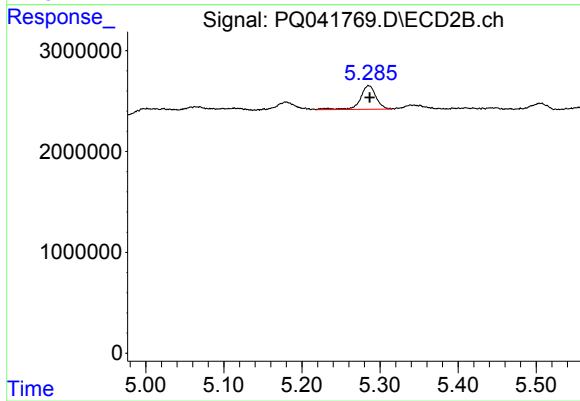
#7 AR-1016-5

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 39496039
Conc: 485.19 ng/ml



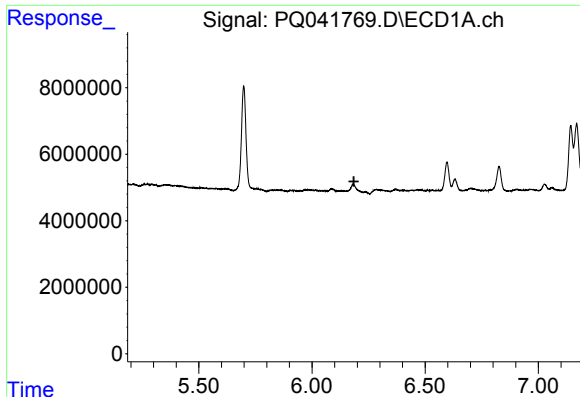
#10 AR-1221-3

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



#10 AR-1221-3

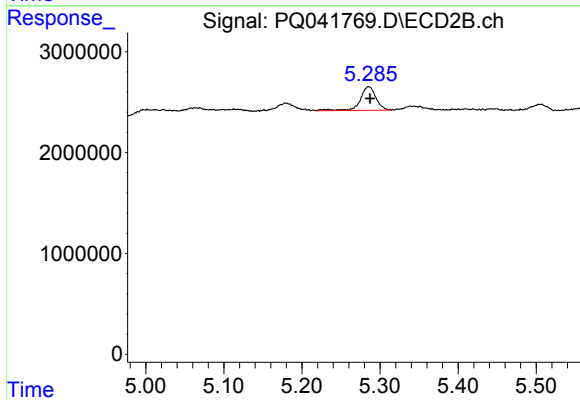
R.T.: 5.285 min
Delta R.T.: -0.002 min
Response: 3285276
Conc: 60.24 ng/ml



#11 AR-1232-1

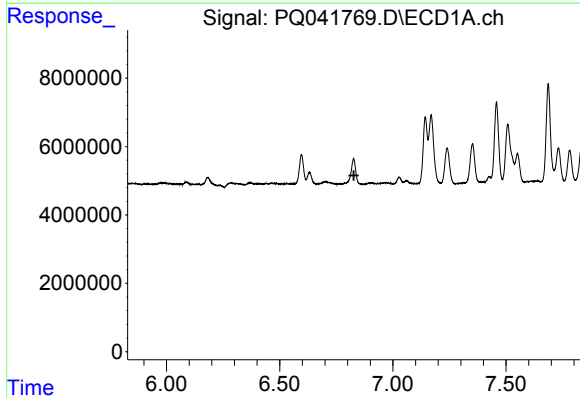
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



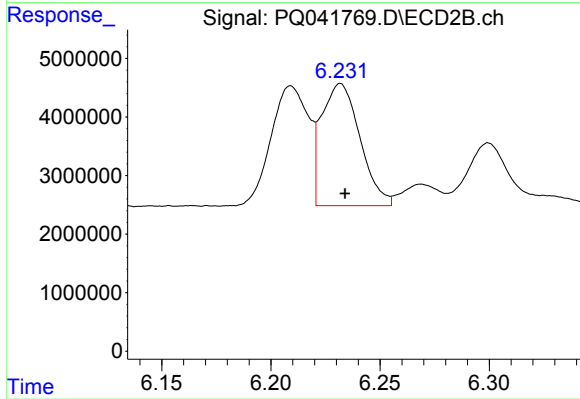
#11 AR-1232-1

R.T.: 5.285 min
Delta R.T.: -0.002 min
Response: 3285276
Conc: 68.04 ng/ml



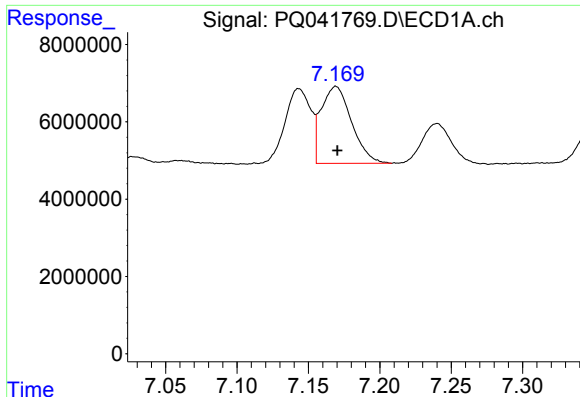
#12 AR-1232-2

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



#12 AR-1232-2

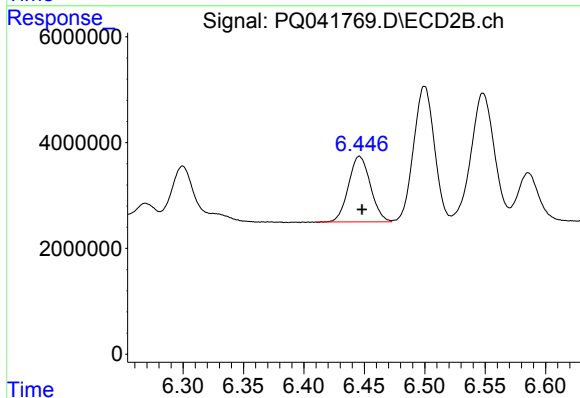
R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 25548815
Conc: 448.01 ng/ml



#13 AR-1232-3

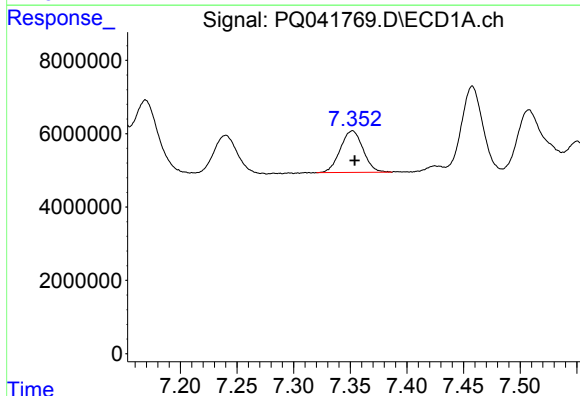
R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 29510181
Conc: 442.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



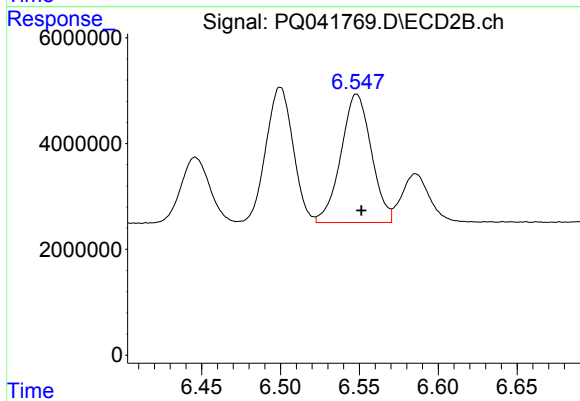
#13 AR-1232-3

R.T.: 6.446 min
Delta R.T.: -0.002 min
Response: 15662753
Conc: 525.25 ng/ml



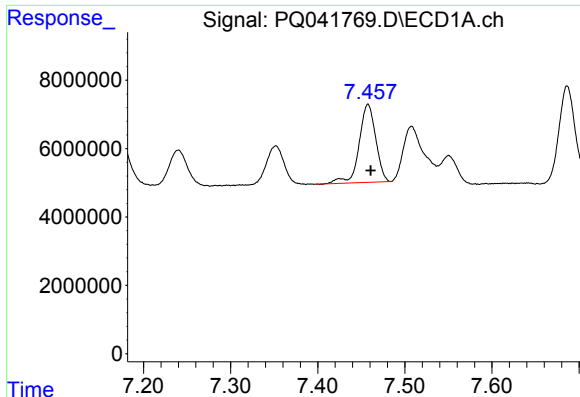
#14 AR-1232-4

R.T.: 7.352 min
Delta R.T.: -0.002 min
Response: 15895422
Conc: 495.55 ng/ml



#14 AR-1232-4

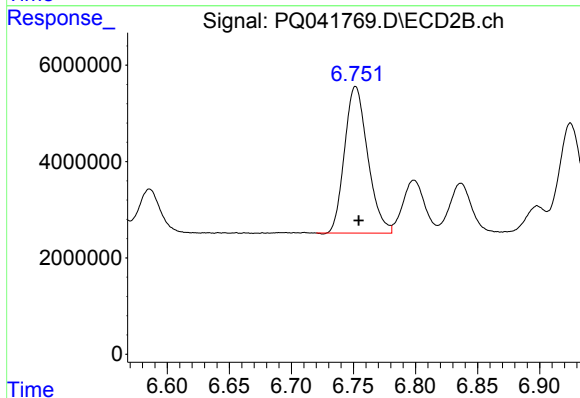
R.T.: 6.548 min
Delta R.T.: -0.003 min
Response: 32571794
Conc: 1220.07 ng/ml



#15 AR-1232-5

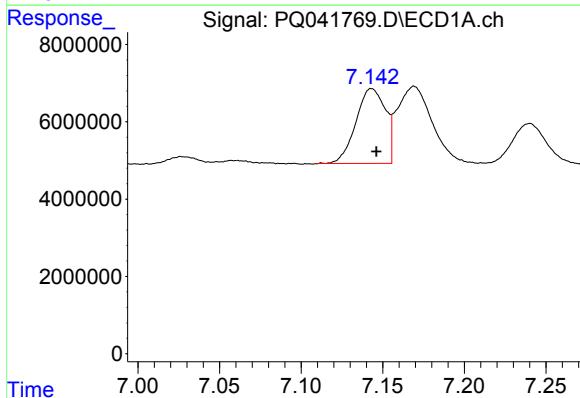
R.T.: 7.458 min
Delta R.T.: -0.003 min
Response: 30208819
Conc: 1405.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



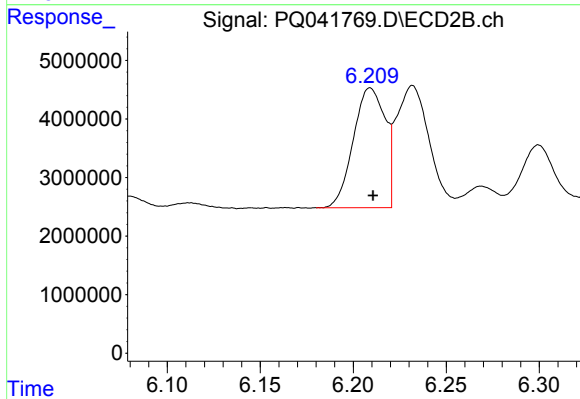
#15 AR-1232-5

R.T.: 6.752 min
Delta R.T.: -0.003 min
Response: 39496039
Conc: 1346.79 ng/ml



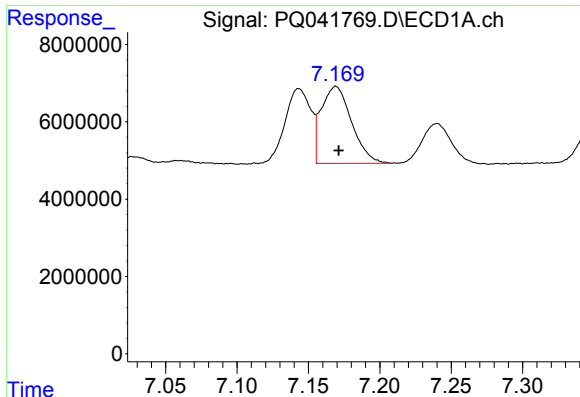
#16 AR-1242-1

R.T.: 7.143 min
Delta R.T.: -0.003 min
Response: 24317397
Conc: 271.86 ng/ml



#16 AR-1242-1

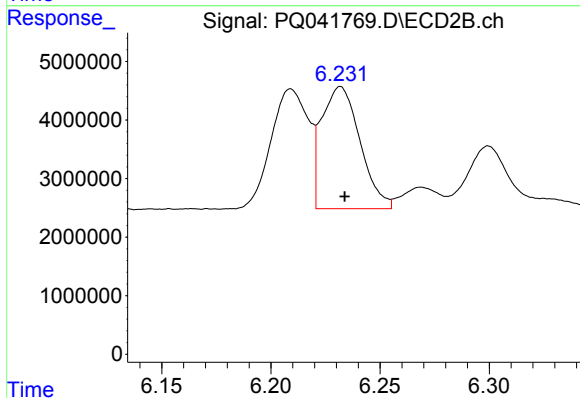
R.T.: 6.209 min
Delta R.T.: -0.002 min
Response: 24365919
Conc: 297.73 ng/ml



#17 AR-1242-2

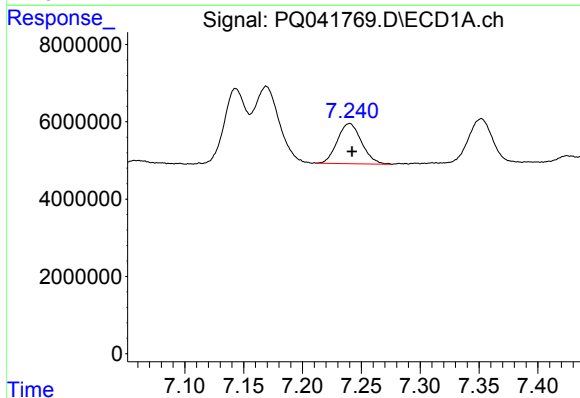
R.T.: 7.169 min
Delta R.T.: -0.002 min
Response: 29510181
Conc: 229.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



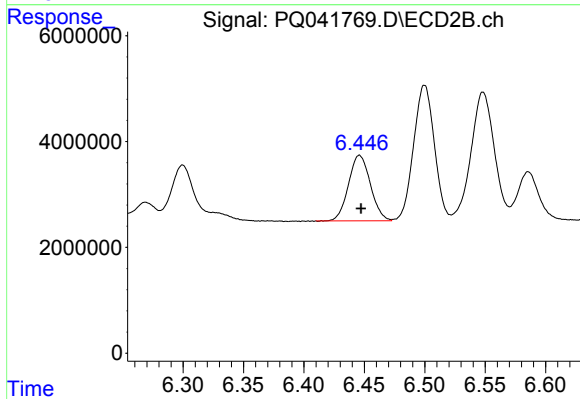
#17 AR-1242-2

R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 25548815
Conc: 226.22 ng/ml



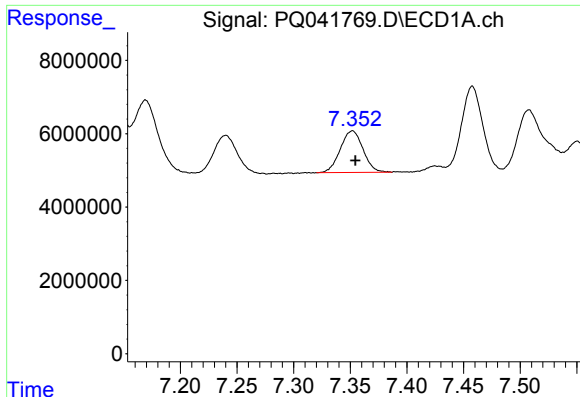
#18 AR-1242-3

R.T.: 7.240 min
Delta R.T.: -0.002 min
Response: 14907458
Conc: 183.85 ng/ml



#18 AR-1242-3

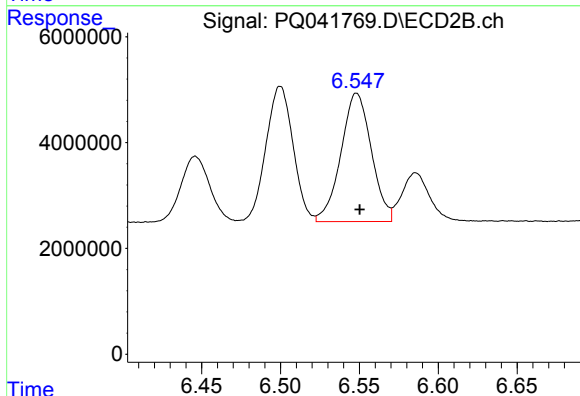
R.T.: 6.446 min
Delta R.T.: -0.001 min
Response: 15662753
Conc: 265.14 ng/ml



#19 AR-1242-4

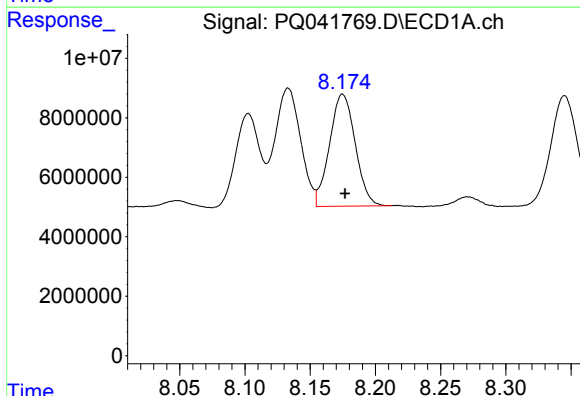
R.T.: 7.352 min
Delta R.T.: -0.003 min
Response: 15895422
Conc: 247.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



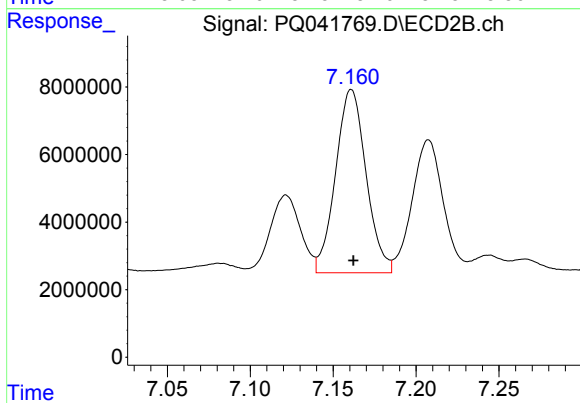
#19 AR-1242-4

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 32571794
Conc: 549.30 ng/ml



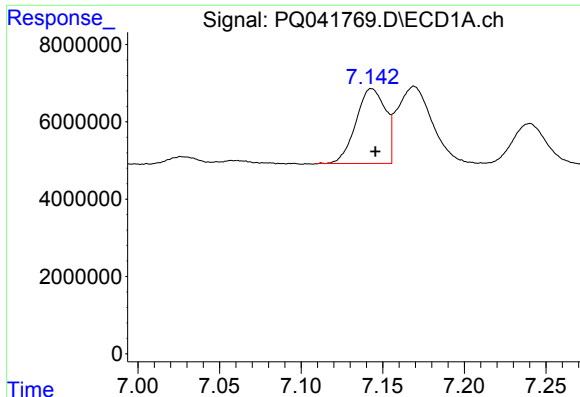
#20 AR-1242-5

R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 51642985
Conc: 582.05 ng/ml



#20 AR-1242-5

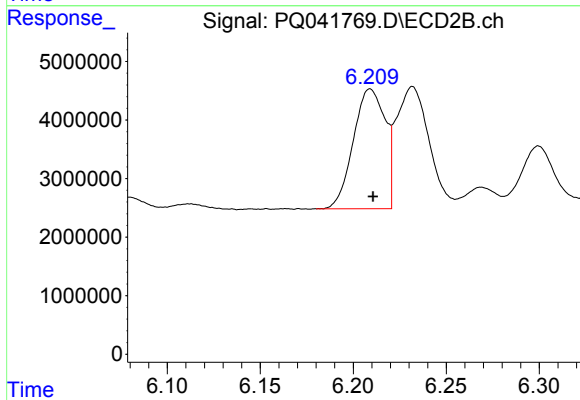
R.T.: 7.161 min
Delta R.T.: -0.001 min
Response: 69543913
Conc: 783.20 ng/ml



#21 AR-1248-1

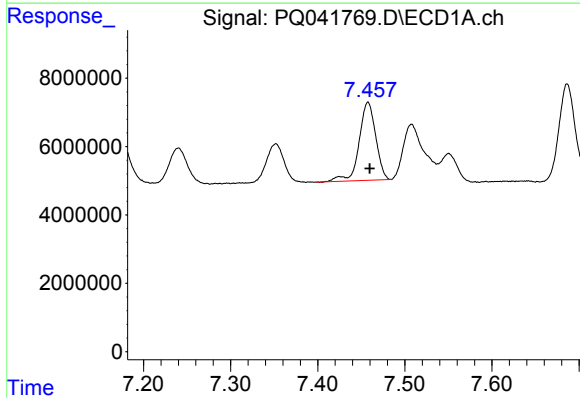
R.T.: 7.143 min
Delta R.T.: -0.002 min
Response: 24317397
Conc: 328.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



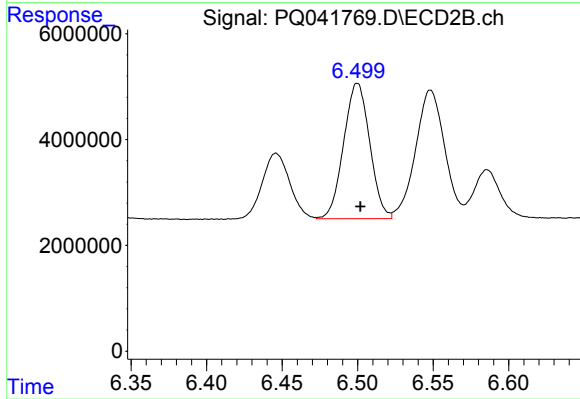
#21 AR-1248-1

R.T.: 6.209 min
Delta R.T.: -0.002 min
Response: 24365919
Conc: 367.49 ng/ml



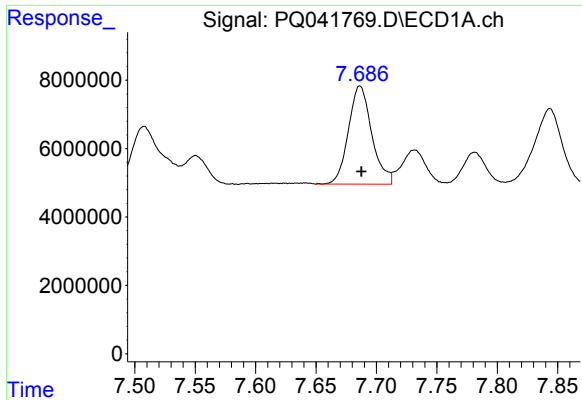
#22 AR-1248-2

R.T.: 7.458 min
Delta R.T.: -0.002 min
Response: 30208819
Conc: 327.42 ng/ml



#22 AR-1248-2

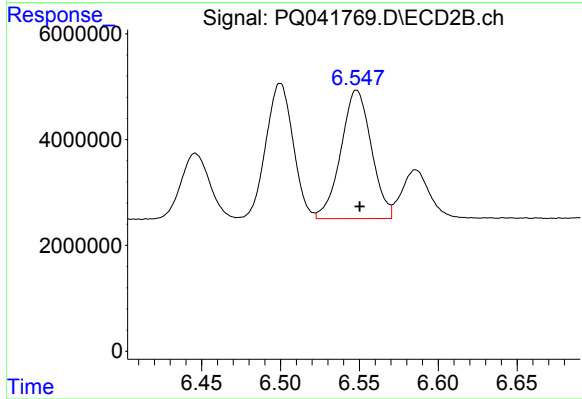
R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 30767183
Conc: 352.88 ng/ml



#23 AR-1248-3

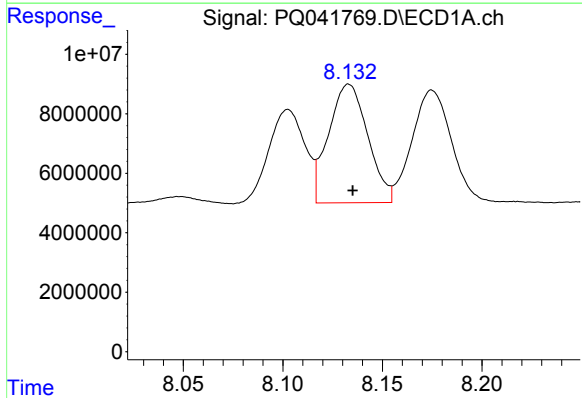
R.T.: 7.686 min
Delta R.T.: -0.001 min
Response: 38646322
Conc: 344.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



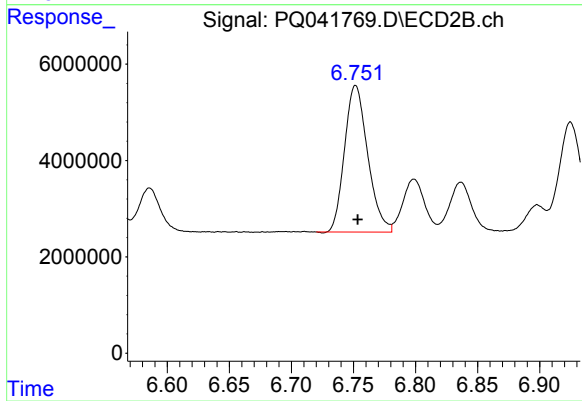
#23 AR-1248-3

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 32571794
Conc: 364.93 ng/ml



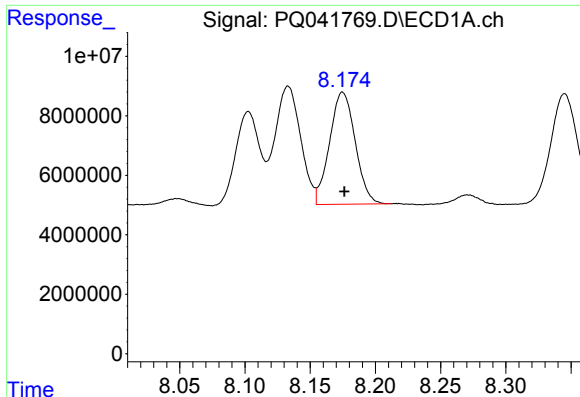
#24 AR-1248-4

R.T.: 8.133 min
Delta R.T.: -0.002 min
Response: 54638476
Conc: 349.44 ng/ml



#24 AR-1248-4

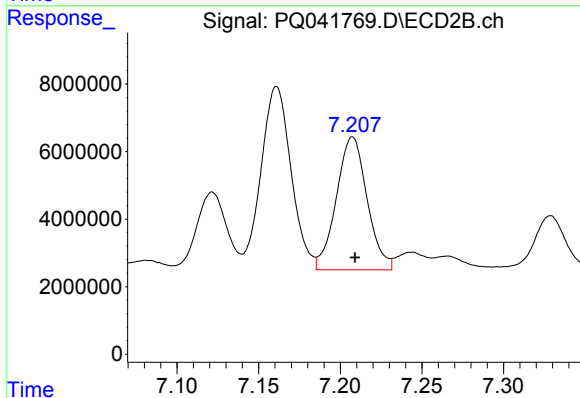
R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 39496039
Conc: 358.59 ng/ml



#25 AR-1248-5

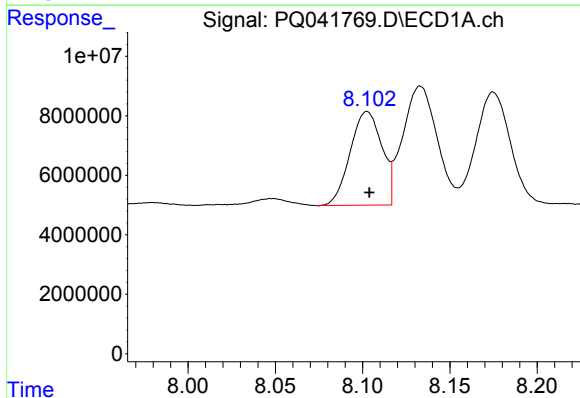
R.T.: 8.175 min
Delta R.T.: -0.001 min
Response: 51642985
Conc: 341.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



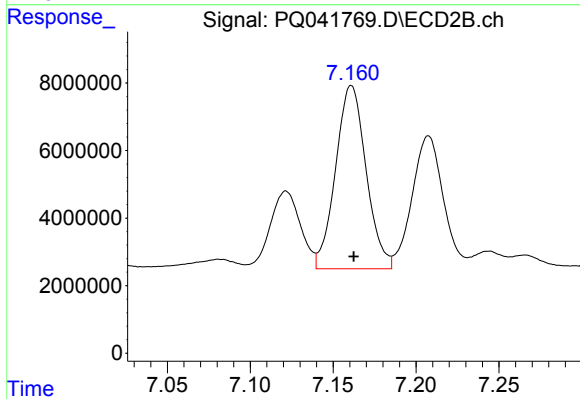
#25 AR-1248-5

R.T.: 7.208 min
Delta R.T.: -0.002 min
Response: 51637196
Conc: 402.87 ng/ml



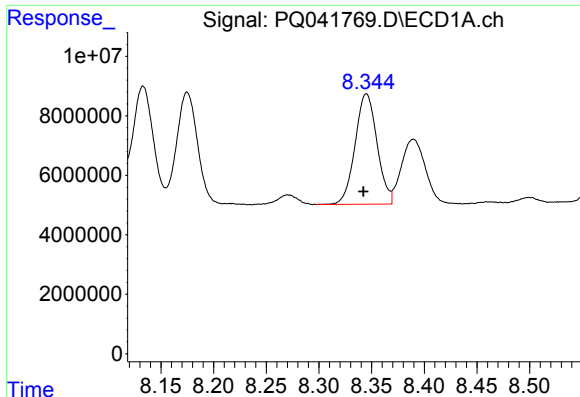
#26 AR-1254-1

R.T.: 8.103 min
Delta R.T.: -0.001 min
Response: 39854847
Conc: 286.49 ng/ml



#26 AR-1254-1

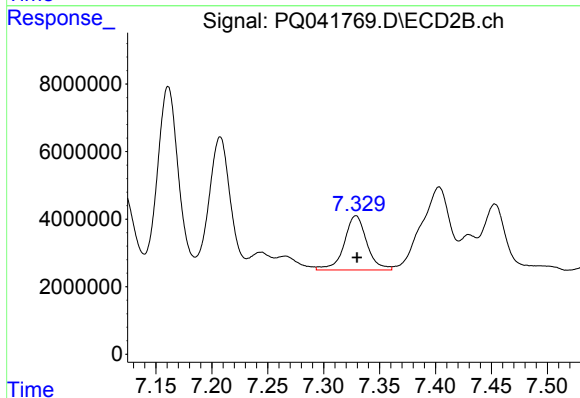
R.T.: 7.161 min
Delta R.T.: -0.001 min
Response: 69543913
Conc: 380.26 ng/ml



#27 AR-1254-2

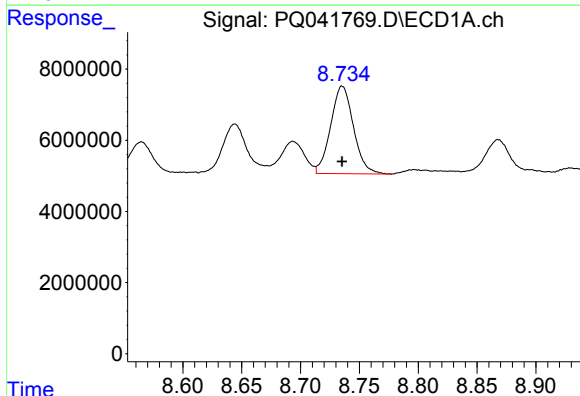
R.T.: 8.345 min
Delta R.T.: 0.003 min
Response: 53839033
Conc: 235.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



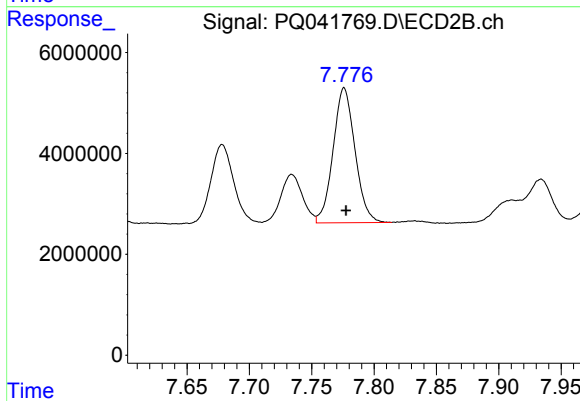
#27 AR-1254-2

R.T.: 7.329 min
Delta R.T.: -0.001 min
Response: 22631028
Conc: 139.81 ng/ml



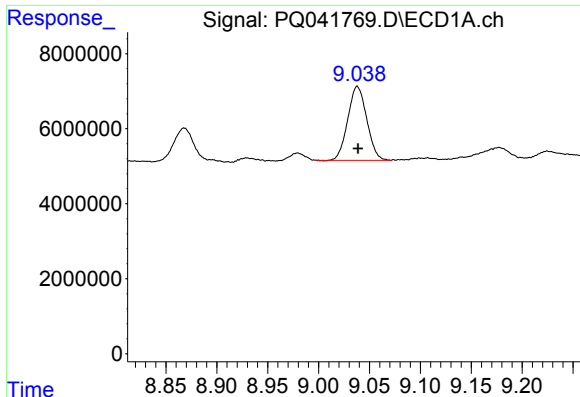
#28 AR-1254-3

R.T.: 8.735 min
Delta R.T.: 0.000 min
Response: 33289185
Conc: 121.75 ng/ml



#28 AR-1254-3

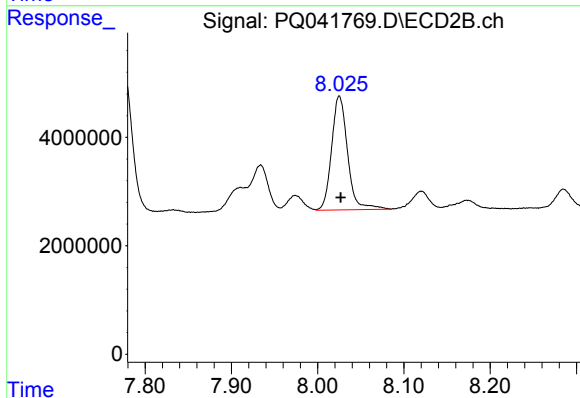
R.T.: 7.776 min
Delta R.T.: -0.002 min
Response: 32728305
Conc: 113.48 ng/ml



#29 AR-1254-4

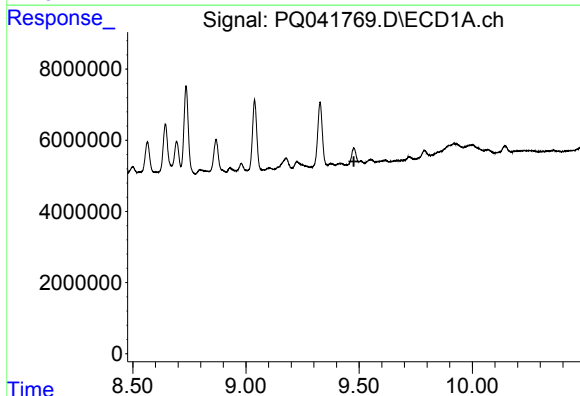
R.T.: 9.038 min
Delta R.T.: 0.000 min
Response: 25638674
Conc: 104.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



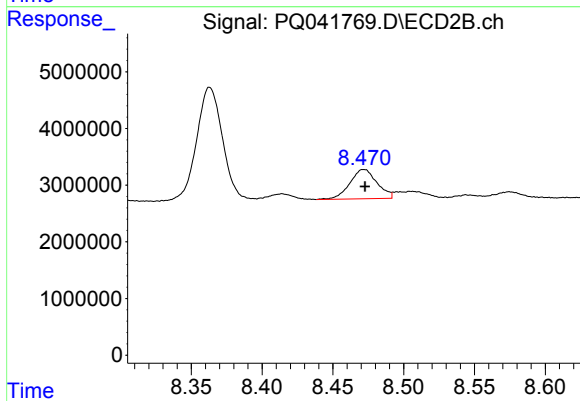
#29 AR-1254-4

R.T.: 8.025 min
Delta R.T.: -0.002 min
Response: 27074369
Conc: 124.72 ng/ml



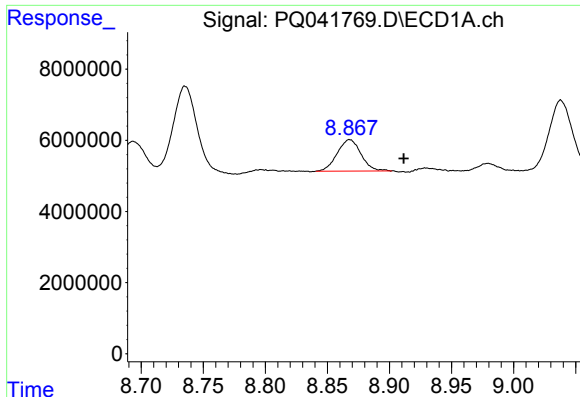
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 9.477 min
Response: 0
Conc: N.D.



#30 AR-1254-5

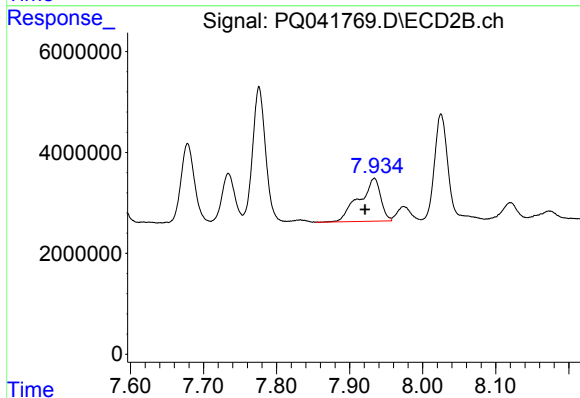
R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 6904442
Conc: 22.96 ng/ml



#31 AR-1260-1

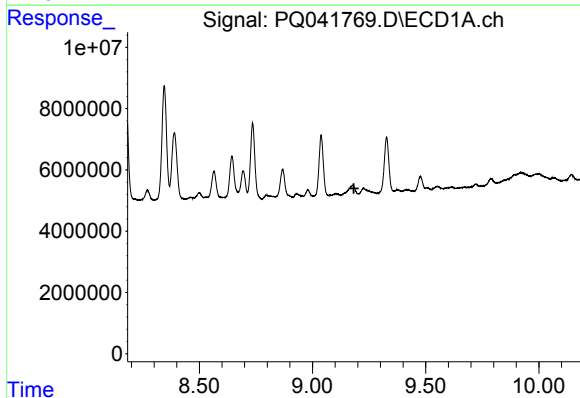
R.T.: 8.868 min
Delta R.T.: -0.044 min
Response: 11828128
Conc: 66.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



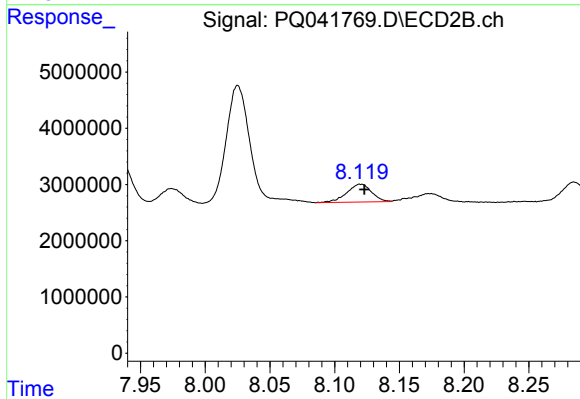
#31 AR-1260-1

R.T.: 7.934 min
Delta R.T.: 0.013 min
Response: 17501364
Conc: 96.46 ng/ml



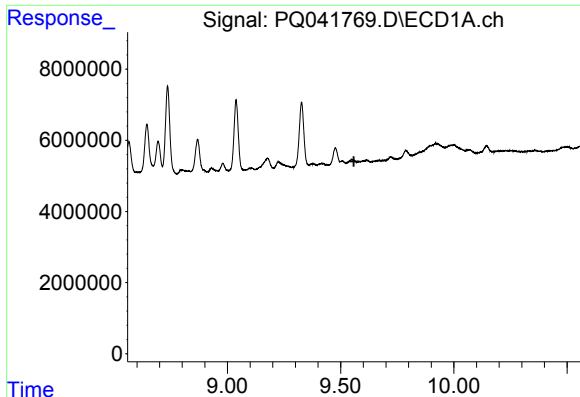
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 9.183 min
Response: 0
Conc: N.D.



#32 AR-1260-2

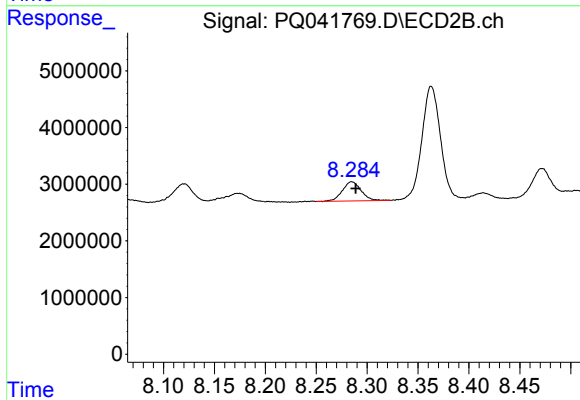
R.T.: 8.120 min
Delta R.T.: -0.003 min
Response: 4255417
Conc: 17.35 ng/ml



#33 AR-1260-3

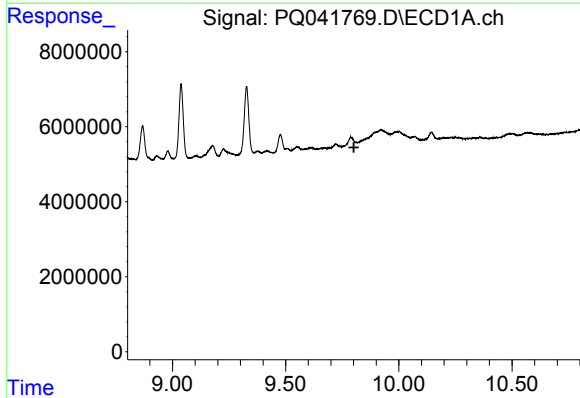
R.T.: 0.000 min
Exp R.T.: 9.558 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



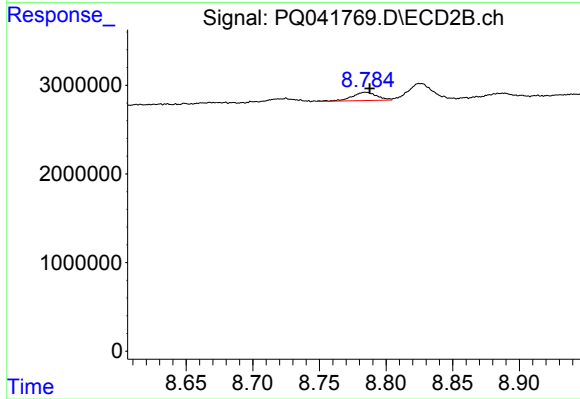
#33 AR-1260-3

R.T.: 8.285 min
Delta R.T.: -0.004 min
Response: 4357366
Conc: 20.48 ng/ml



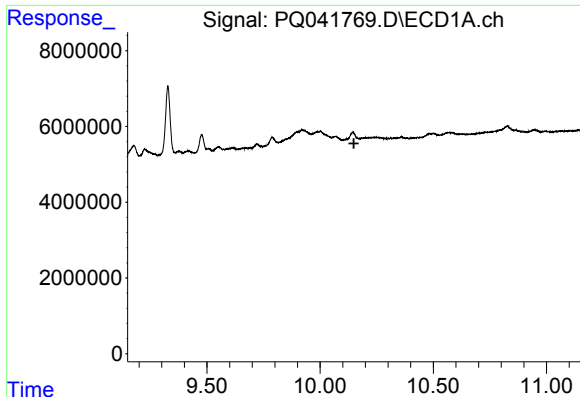
#34 AR-1260-4

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



#34 AR-1260-4

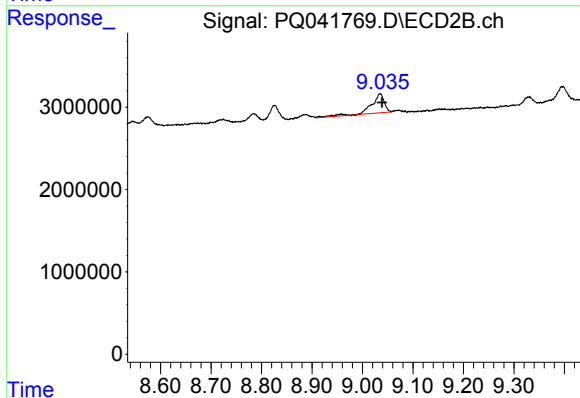
R.T.: 8.785 min
Delta R.T.: -0.003 min
Response: 1225356
Conc: 6.06 ng/ml



#35 AR-1260-5

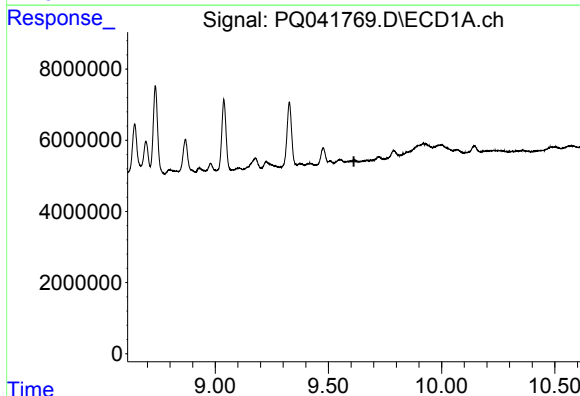
R.T.: 0.000 min
Exp R.T. : 10.149 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



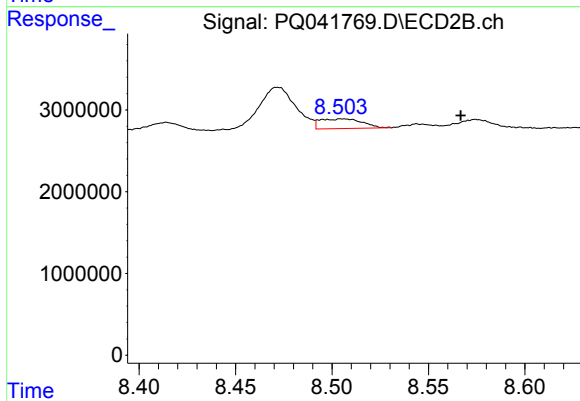
#35 AR-1260-5

R.T.: 9.035 min
Delta R.T.: -0.004 min
Response: 4173377
Conc: 7.07 ng/ml



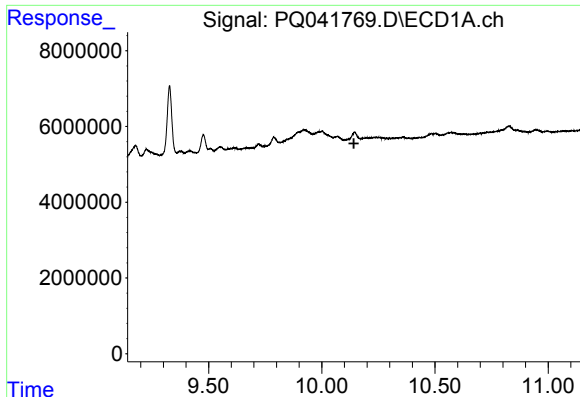
#36 AR-1262-1

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



#36 AR-1262-1

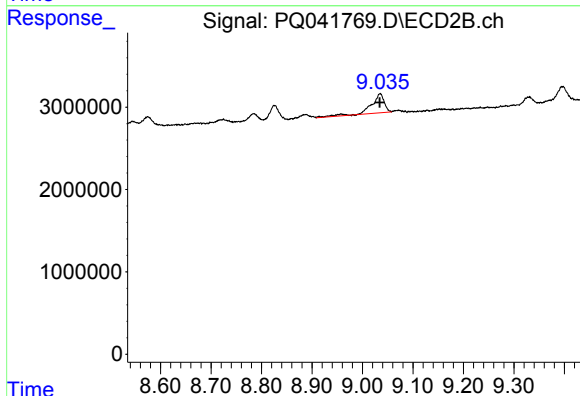
R.T.: 8.506 min
Delta R.T.: -0.061 min
Response: 1798072
Conc: 12.53 ng/ml



#37 AR-1262-2

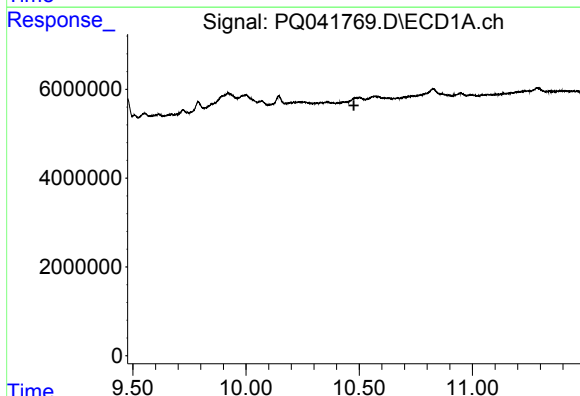
R.T.: 0.000 min
Exp R.T.: 10.142 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



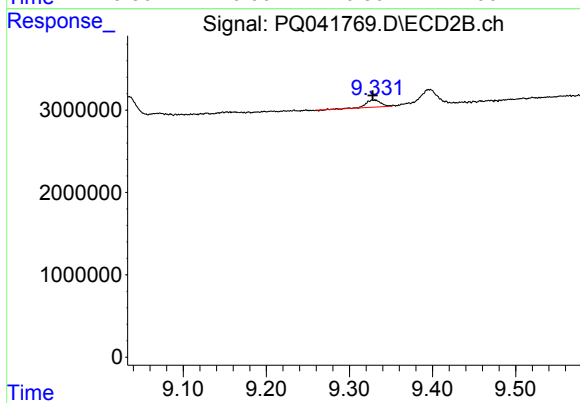
#37 AR-1262-2

R.T.: 9.035 min
Delta R.T.: 0.000 min
Response: 4173377
Conc: 5.63 ng/ml



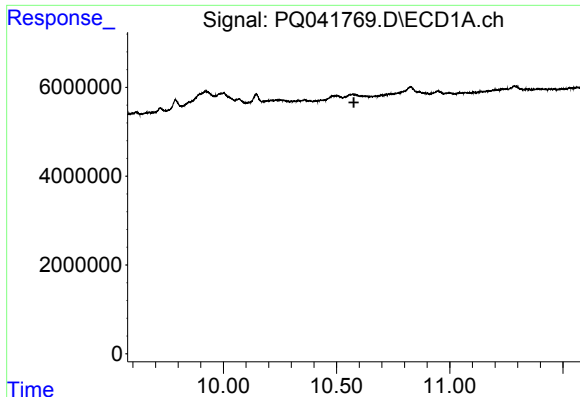
#38 AR-1262-3

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



#38 AR-1262-3

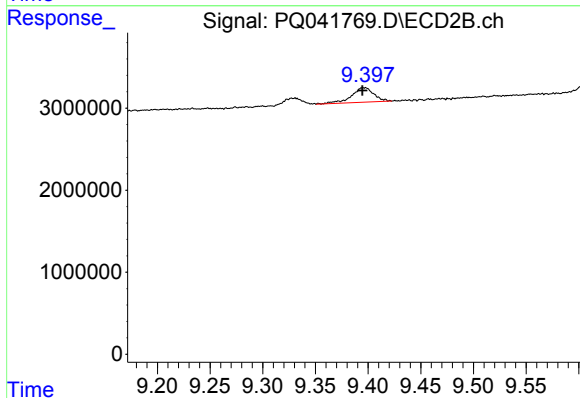
R.T.: 9.331 min
Delta R.T.: 0.003 min
Response: 1066796
Conc: 3.37 ng/ml



#39 AR-1262-4

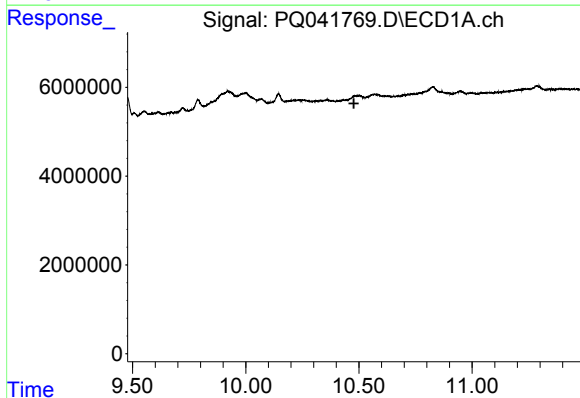
R.T.: 0.000 min
Exp R.T.: 10.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



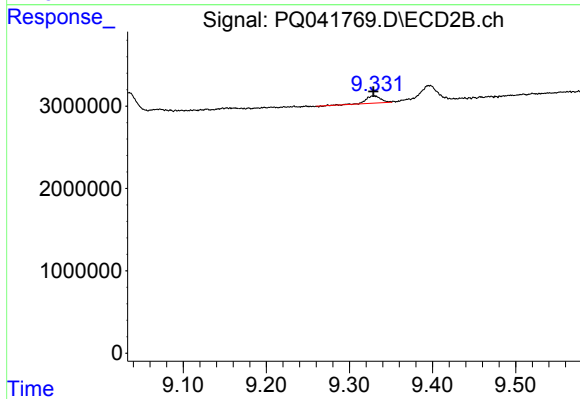
#39 AR-1262-4

R.T.: 9.396 min
Delta R.T.: 0.001 min
Response: 2641263
Conc: 4.70 ng/ml



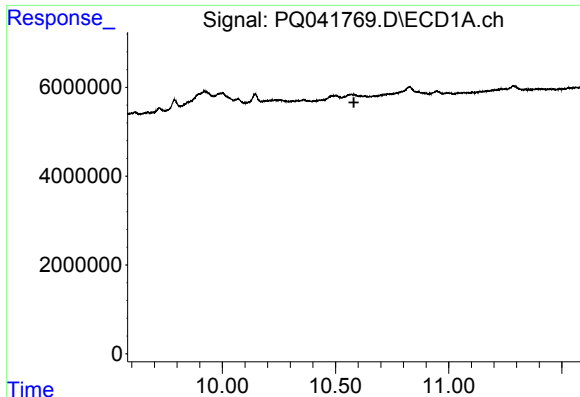
#41 AR-1268-1

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



#41 AR-1268-1

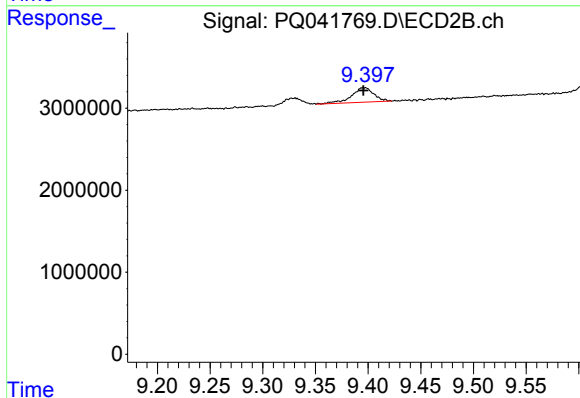
R.T.: 9.331 min
Delta R.T.: 0.002 min
Response: 1066796
Conc: 0.93 ng/ml



#42 AR-1268-2

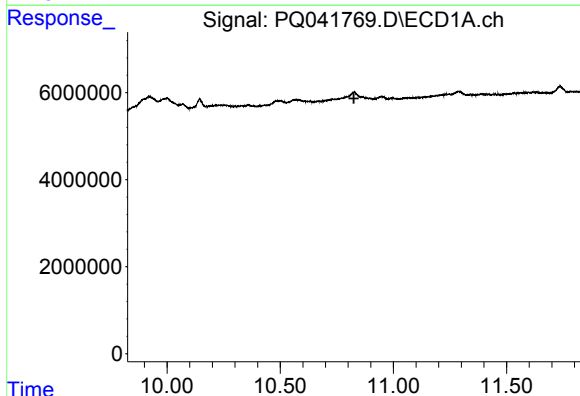
R.T.: 0.000 min
Exp R.T.: 10.581 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



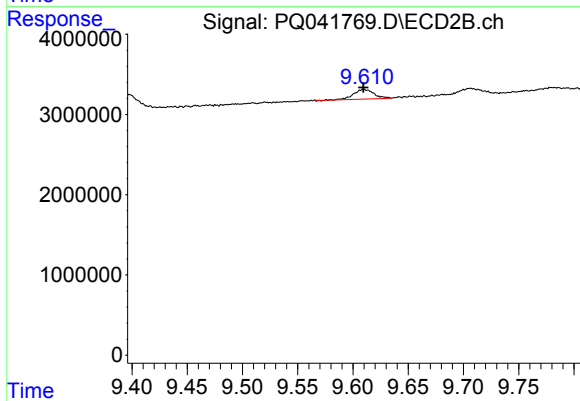
#42 AR-1268-2

R.T.: 9.396 min
Delta R.T.: 0.000 min
Response: 2641263
Conc: 2.57 ng/ml



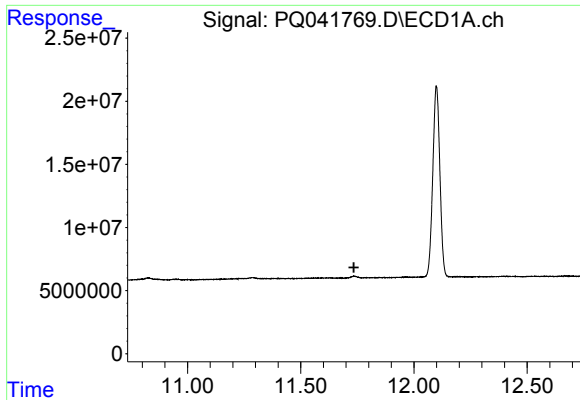
#43 AR-1268-3

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



#43 AR-1268-3

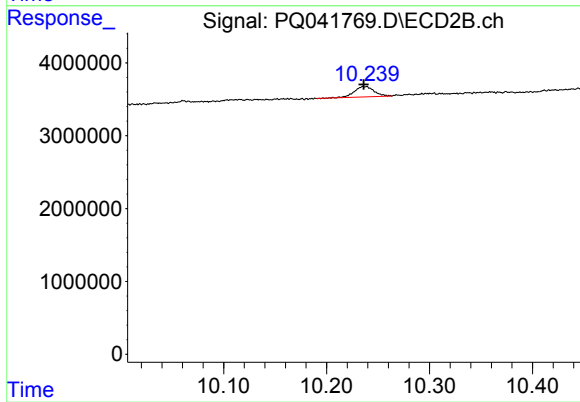
R.T.: 9.610 min
Delta R.T.: 0.000 min
Response: 1553499
Conc: 1.79 ng/ml



#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.: 0.002 min
Response: 1897927
Conc: 0.73 ng/ml