

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
 Data File : PQ041826.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2019 19:04
 Operator : SM\AJ
 Sample : K3020-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 01:10:28 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...	5.697	4.755	36466690	31606507	15.901	16.400
2)	SA Decachlor...	12.095	10.510	201.9E6	131.9E6	23.952	27.262
Target Compounds							
3)	L1 AR-1016-1	7.167	6.208	14469301	8288890	133.871	79.878 #
4)	L1 AR-1016-2	7.167	6.230	14469301	12552905	92.439	87.618
5)	L1 AR-1016-3	0.000	6.444	0	4268796	N.D.	57.244 #
6)	L1 AR-1016-4	0.000	6.499	0	9307720	N.D.	150.100 #
7)	L1 AR-1016-5	7.634	6.753	18626058	10459745	236.942	128.493 #
10)	L2 AR-1221-3	0.000	5.283	0	2617882	N.D.	48.006 #
11)	L3 AR-1232-1	0.000	5.283	0	2617882	N.D.	54.214 #
12)	L3 AR-1232-2	0.000	6.230	0	12552905	N.D.	220.119 #
13)	L3 AR-1232-3	7.167	6.444	14469301	4268796	216.725	143.154 #
14)	L3 AR-1232-4	0.000	6.547	0	10102600	N.D.	378.421 #
15)	L3 AR-1232-5	0.000	6.753	0	10459745	N.D.	356.670 #
16)	L4 AR-1242-1	7.167	6.208	14469301	8288890	161.760	101.282 #
17)	L4 AR-1242-2	7.167	6.230	14469301	12552905	112.522	111.149
18)	L4 AR-1242-3	0.000	6.444	0	4268796	N.D.	72.263 #
19)	L4 AR-1242-4	0.000	6.547	0	10102600	N.D.	170.372 #
20)	L4 AR-1242-5	8.136	7.158	42513099	33651440	479.151	378.982
21)	L5 AR-1248-1	7.167	6.208	14469301	8288890	195.172	125.014 #
22)	L5 AR-1248-2	0.000	6.499	0	9307720	N.D.	106.755 #
23)	L5 AR-1248-3	7.634	6.547	18626058	10102600	166.243	113.187 #
24)	L5 AR-1248-4	8.136	6.753	42513099	10459745	271.895	94.966 #
25)	L5 AR-1248-5	8.136	7.206	42513099	13984388	280.942	109.104 #
26)	L6 AR-1254-1	8.105	7.158	8433014	33651440	60.619	184.004 #
27)	L6 AR-1254-2	8.342	7.327	28861851	14447335	126.099	89.252 #
28)	L6 AR-1254-3	8.735	7.775	30265386	32692072	110.689	113.354
29)	L6 AR-1254-4	9.034	8.024	15186671	12771218	61.691	58.834
30)	L6 AR-1254-5	9.474	8.468	17137613	17566211	63.275	58.404
31)	L7 AR-1260-1	0.000	7.916	0	15938088	N.D.	87.847 #
32)	L7 AR-1260-2	9.174	8.119	21891147	11672624	86.775	47.578 #
33)	L7 AR-1260-3	0.000	8.283	0	8443212	N.D.	39.681 #
34)	L7 AR-1260-4	0.000	8.781	0	4442072	N.D.	21.959 #
35)	L7 AR-1260-5	10.140	9.033	36534910	16887550	54.239	28.613 #
36)	L8 AR-1262-1	0.000	8.568	0	5595067	N.D.	39.000 #
37)	L8 AR-1262-2	10.140	9.033	36534910	16887550	41.734	22.789 #
38)	L8 AR-1262-3	0.000	9.326	0	6250980	N.D.	19.758 #
39)	L8 AR-1262-4	0.000	9.393	0	12472864	N.D.	22.179 #
40)	L8 AR-1262-5	0.000	9.916	0	4201006	N.D.	14.709 #
41)	L9 AR-1268-1	0.000	9.326	0	6250980	N.D.	5.468 #
42)	L9 AR-1268-2	0.000	9.393	0	12472864	N.D.	12.150 #
43)	L9 AR-1268-3	0.000	9.606	0	9308871	N.D.	10.713 #

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 Sample : K3020-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 01:10:28 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	9.916	0	4201006	N.D.	10.921 #
45) L9	AR-1268-5	11.731	10.233	29316463	20686602	7.233	7.964

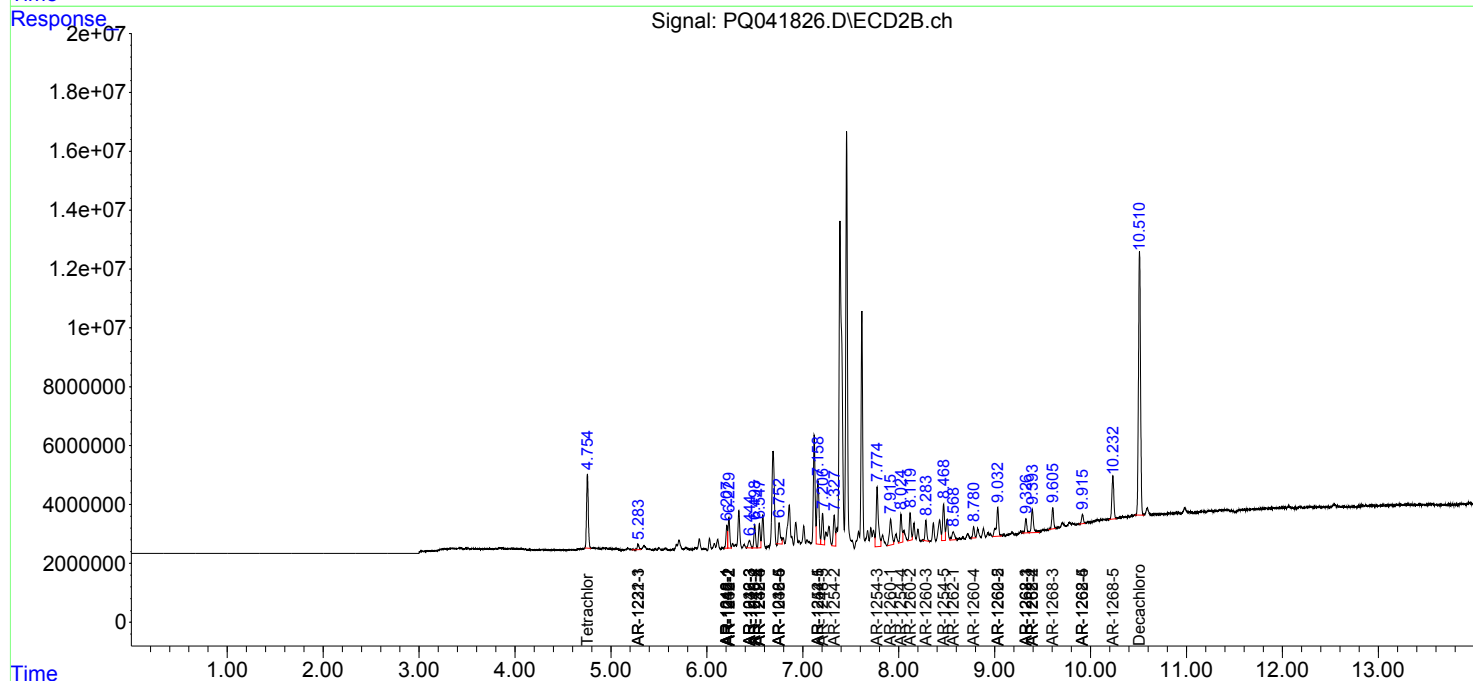
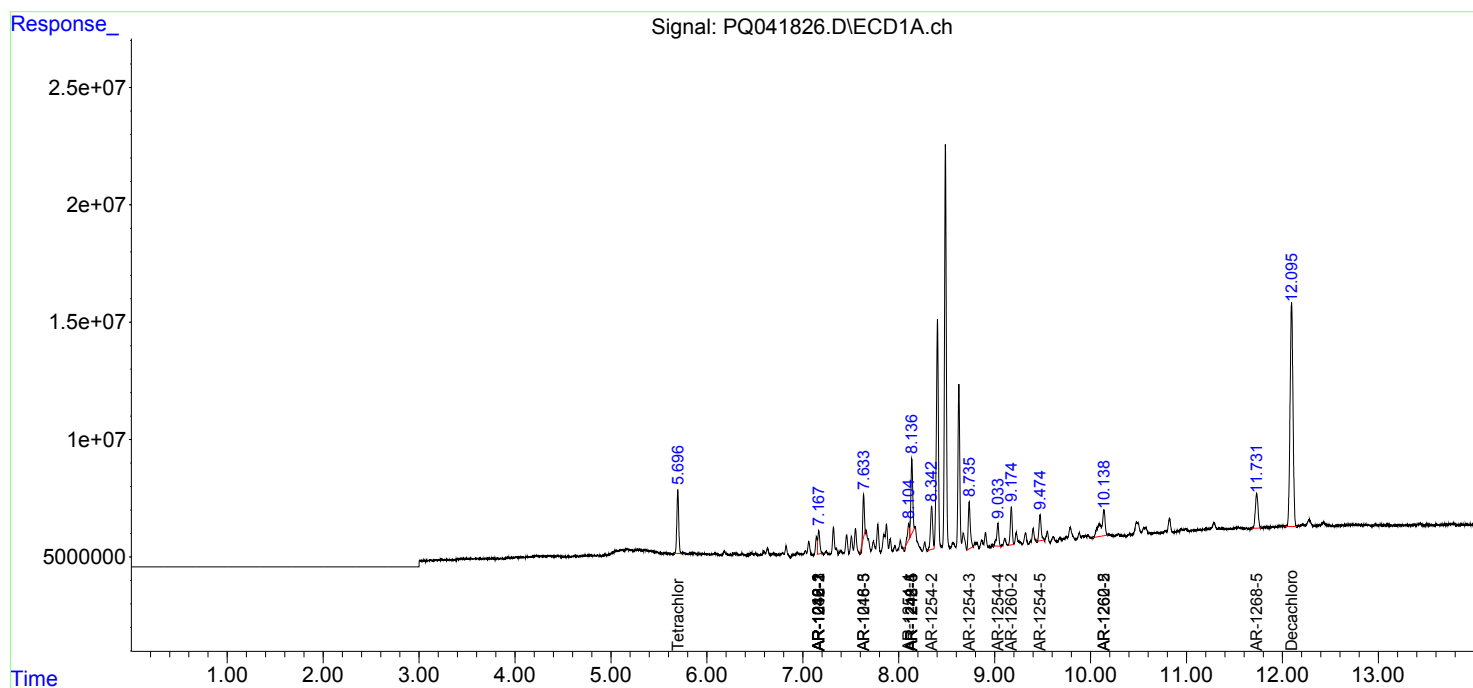
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

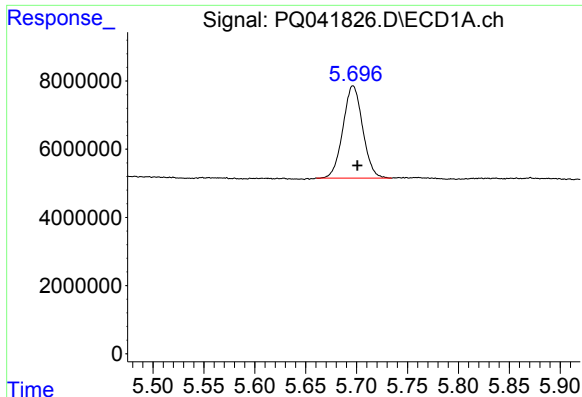
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
Data File : PQ041826.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2019 19:04
Operator : SM\AJ
Sample : K3020-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:10:28 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

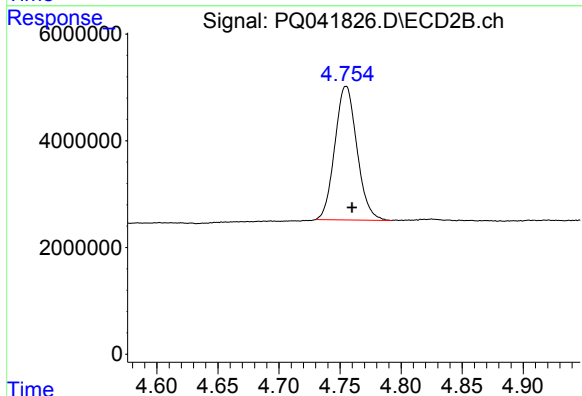




#1 Tetrachloro-m-xylene

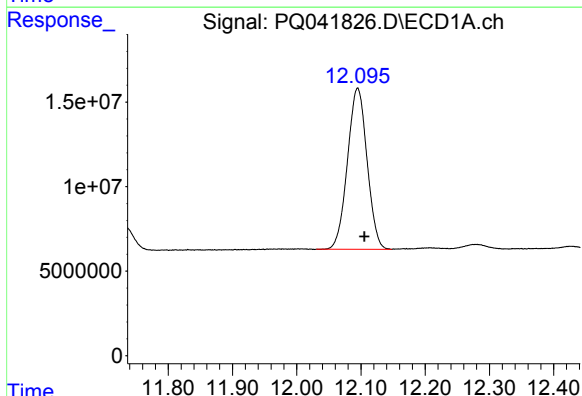
R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 36466690
Conc: 15.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



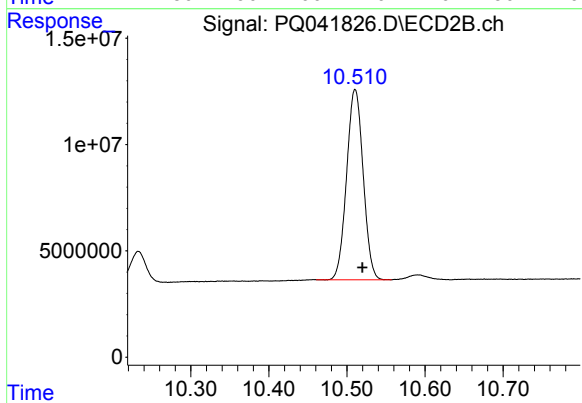
#1 Tetrachloro-m-xylene

R.T.: 4.755 min
Delta R.T.: -0.005 min
Response: 31606507
Conc: 16.40 ng/ml



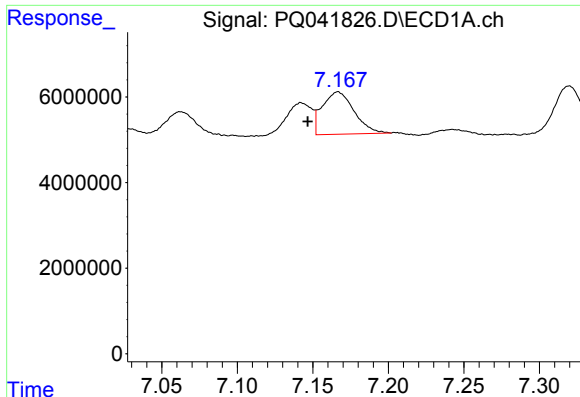
#2 Decachlorobiphenyl

R.T.: 12.095 min
Delta R.T.: -0.011 min
Response: 201943378
Conc: 23.95 ng/ml



#2 Decachlorobiphenyl

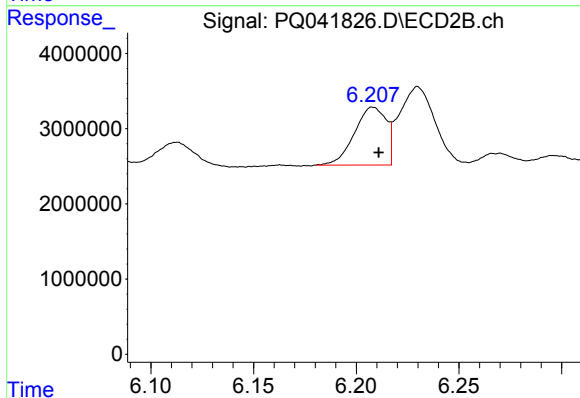
R.T.: 10.510 min
Delta R.T.: -0.009 min
Response: 131876707
Conc: 27.26 ng/ml



#3 AR-1016-1

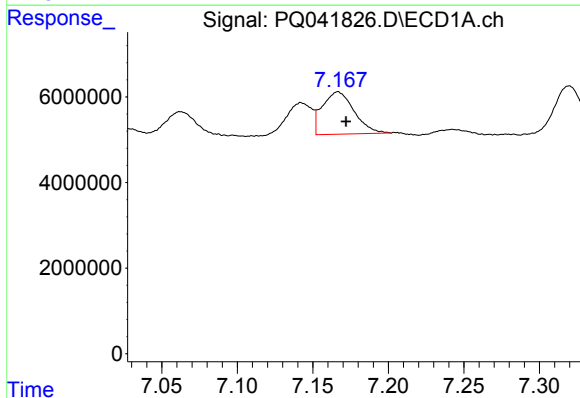
R.T.: 7.167 min
Delta R.T.: 0.020 min
Response: 14469301
Conc: 133.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



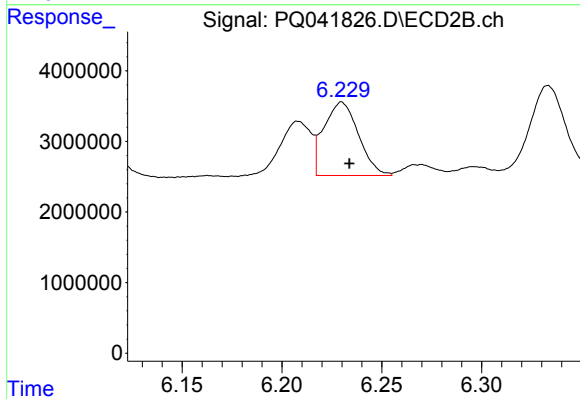
#3 AR-1016-1

R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 8288890
Conc: 79.88 ng/ml



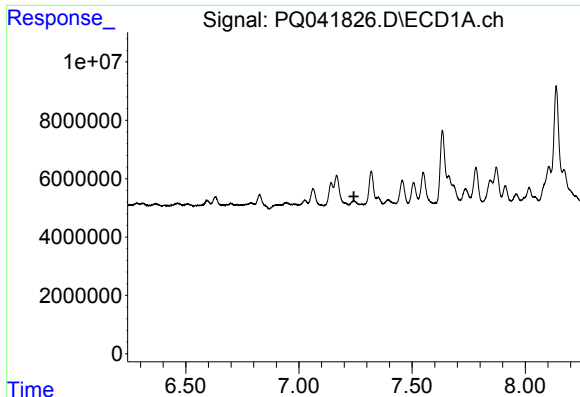
#4 AR-1016-2

R.T.: 7.167 min
Delta R.T.: -0.005 min
Response: 14469301
Conc: 92.44 ng/ml



#4 AR-1016-2

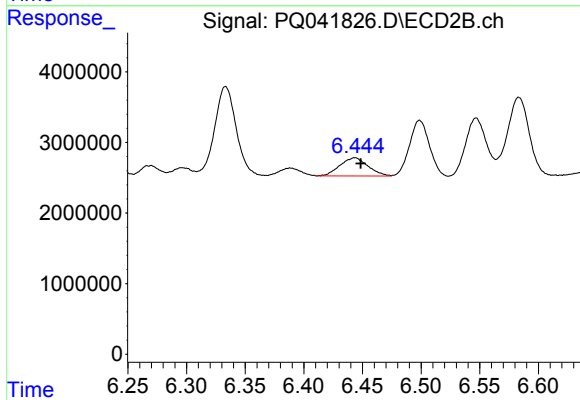
R.T.: 6.230 min
Delta R.T.: -0.004 min
Response: 12552905
Conc: 87.62 ng/ml



#5 AR-1016-3

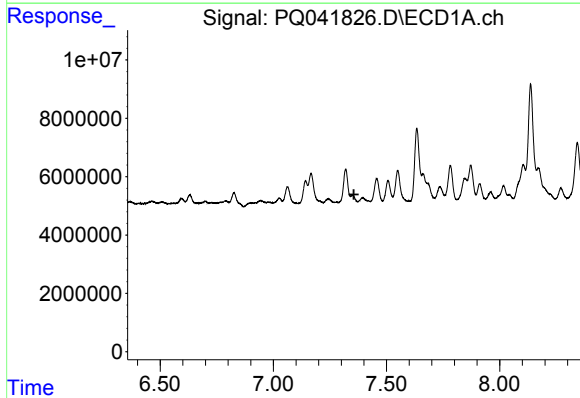
R.T.: 0.000 min
Exp R.T.: 7.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



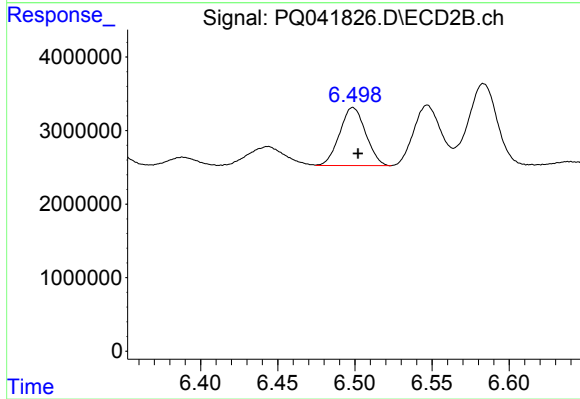
#5 AR-1016-3

R.T.: 6.444 min
Delta R.T.: -0.005 min
Response: 4268796
Conc: 57.24 ng/ml



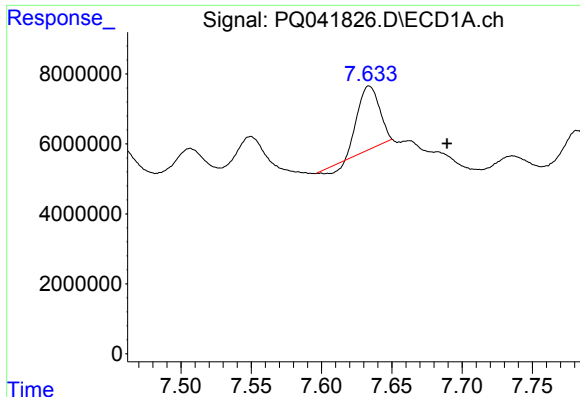
#6 AR-1016-4

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



#6 AR-1016-4

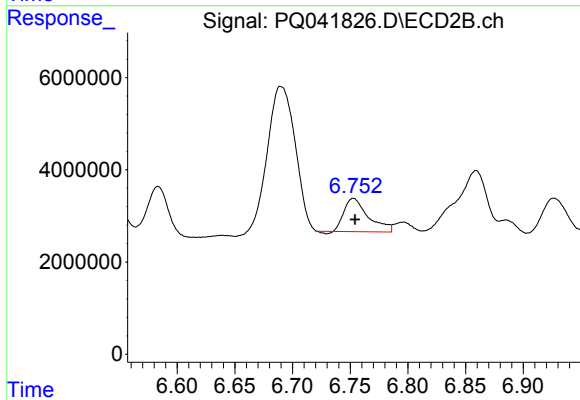
R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 9307720
Conc: 150.10 ng/ml



#7 AR-1016-5

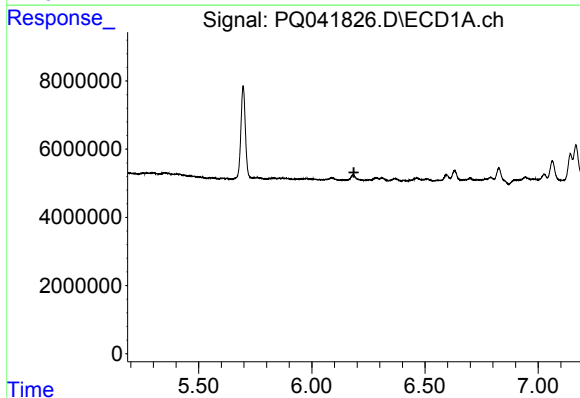
R.T.: 7.634 min
Delta R.T.: -0.056 min
Response: 18626058
Conc: 236.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



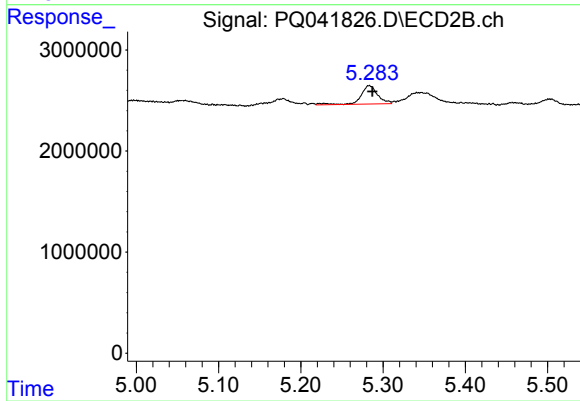
#7 AR-1016-5

R.T.: 6.753 min
Delta R.T.: -0.001 min
Response: 10459745
Conc: 128.49 ng/ml



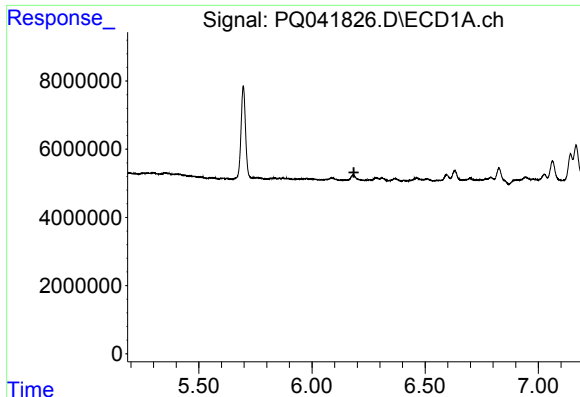
#10 AR-1221-3

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



#10 AR-1221-3

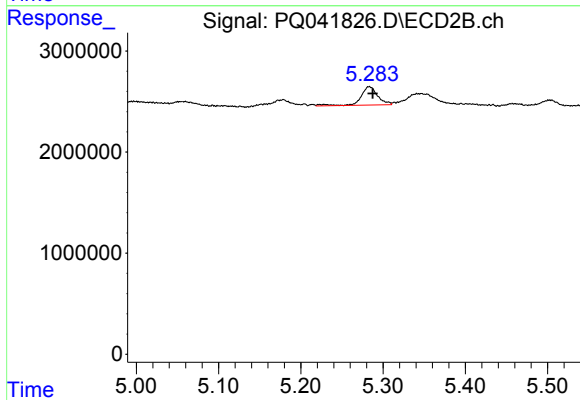
R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 2617882
Conc: 48.01 ng/ml



#11 AR-1232-1

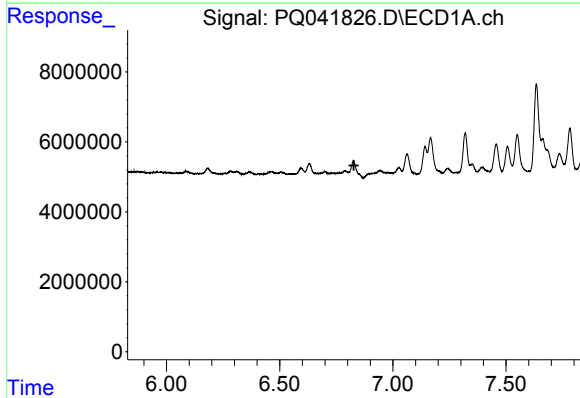
R.T.: 0.000 min
Exp R.T. : 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



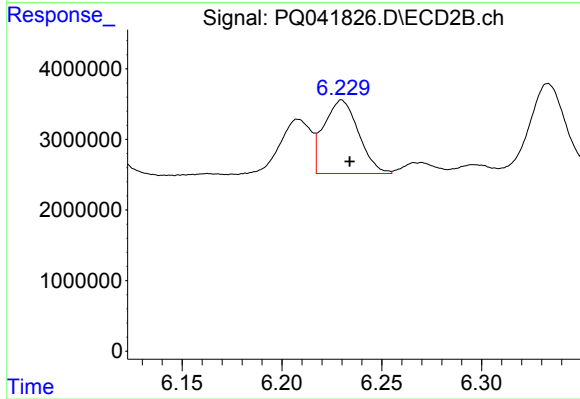
#11 AR-1232-1

R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 2617882
Conc: 54.21 ng/ml



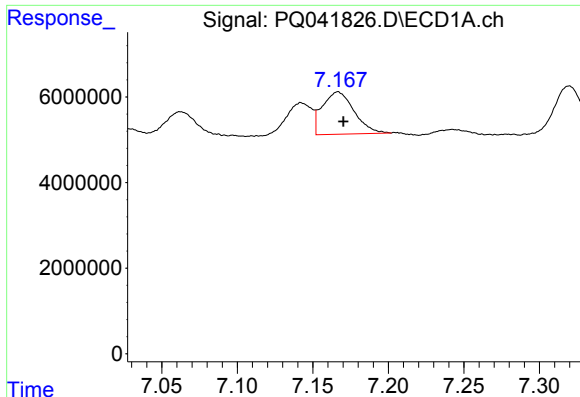
#12 AR-1232-2

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



#12 AR-1232-2

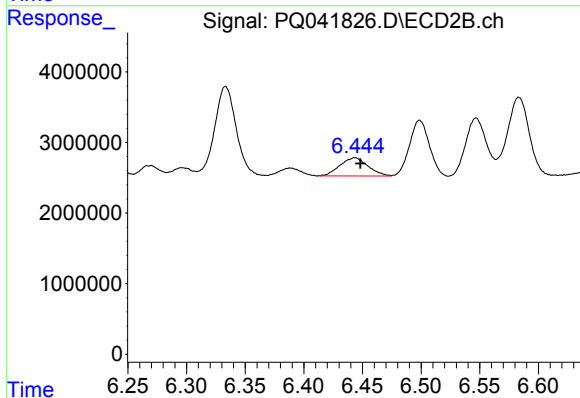
R.T.: 6.230 min
Delta R.T.: -0.004 min
Response: 12552905
Conc: 220.12 ng/ml



#13 AR-1232-3

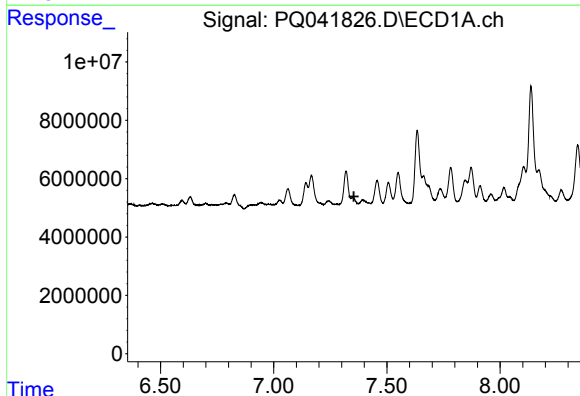
R.T.: 7.167 min
Delta R.T.: -0.004 min
Response: 14469301
Conc: 216.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



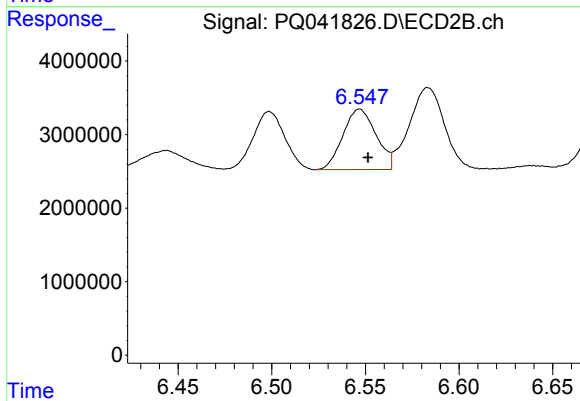
#13 AR-1232-3

R.T.: 6.444 min
Delta R.T.: -0.004 min
Response: 4268796
Conc: 143.15 ng/ml



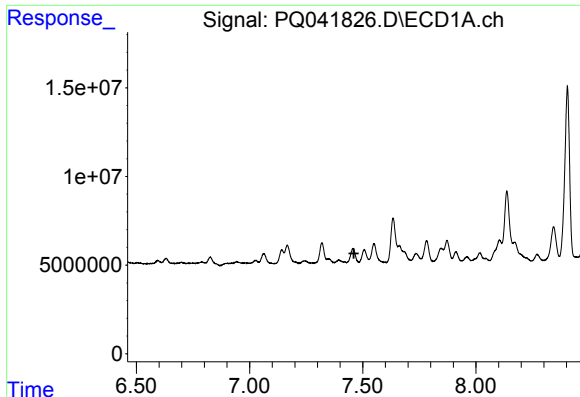
#14 AR-1232-4

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



#14 AR-1232-4

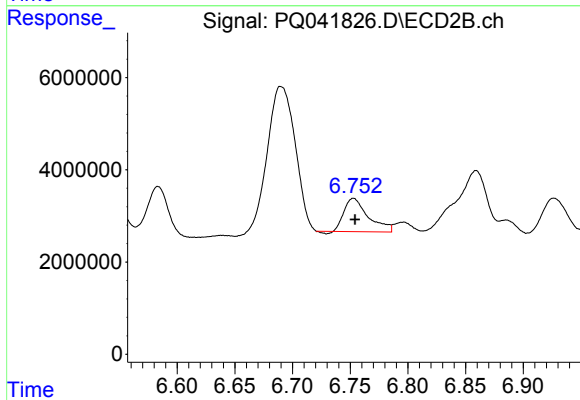
R.T.: 6.547 min
Delta R.T.: -0.004 min
Response: 10102600
Conc: 378.42 ng/ml



#15 AR-1232-5

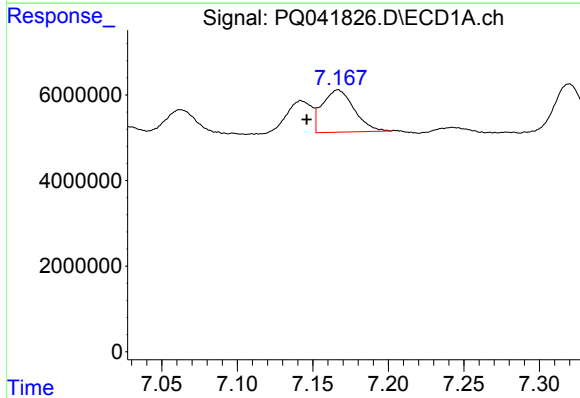
R.T.: 0.000 min
Exp R.T.: 7.461 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



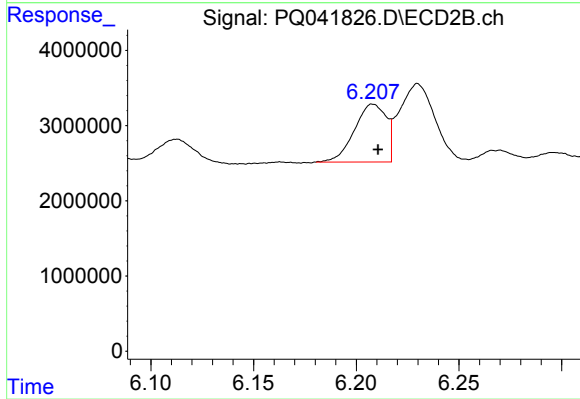
#15 AR-1232-5

R.T.: 6.753 min
Delta R.T.: -0.001 min
Response: 10459745
Conc: 356.67 ng/ml



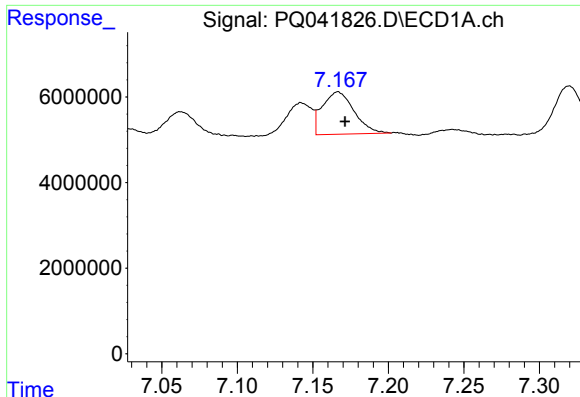
#16 AR-1242-1

R.T.: 7.167 min
Delta R.T.: 0.021 min
Response: 14469301
Conc: 161.76 ng/ml



#16 AR-1242-1

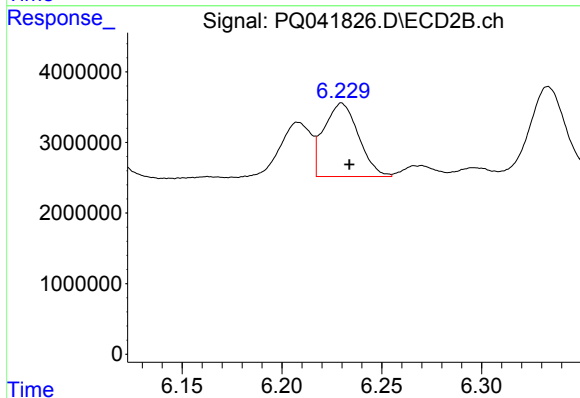
R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 8288890
Conc: 101.28 ng/ml



#17 AR-1242-2

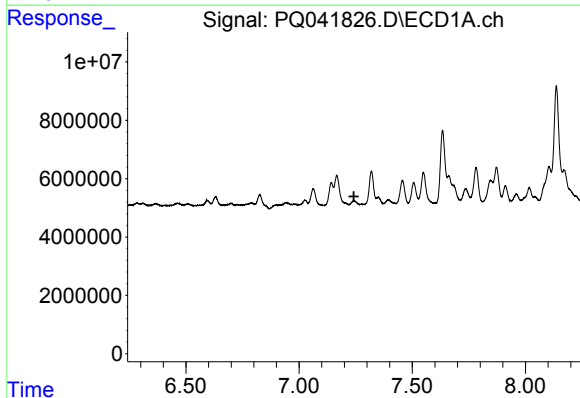
R.T.: 7.167 min
Delta R.T.: -0.005 min
Response: 14469301
Conc: 112.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



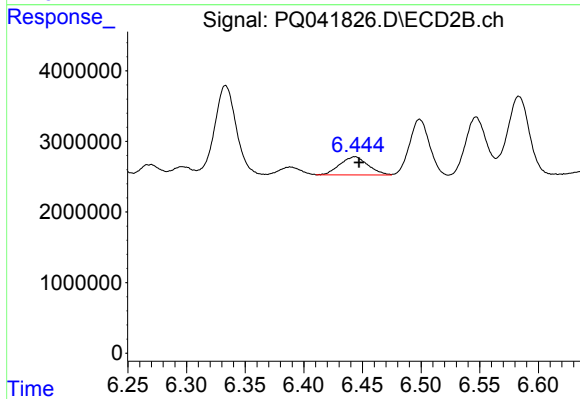
#17 AR-1242-2

R.T.: 6.230 min
Delta R.T.: -0.004 min
Response: 12552905
Conc: 111.15 ng/ml



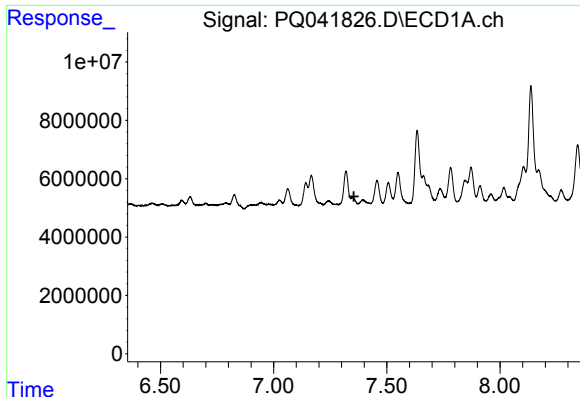
#18 AR-1242-3

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



#18 AR-1242-3

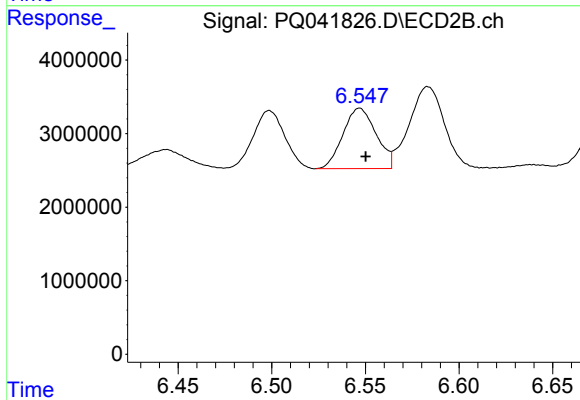
R.T.: 6.444 min
Delta R.T.: -0.003 min
Response: 4268796
Conc: 72.26 ng/ml



#19 AR-1242-4

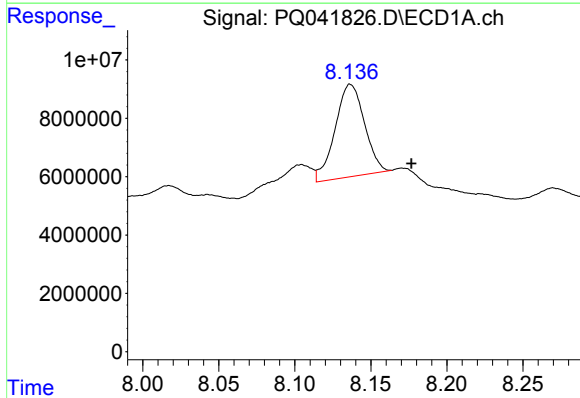
R.T.: 0.000 min
Exp R.T.: 7.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



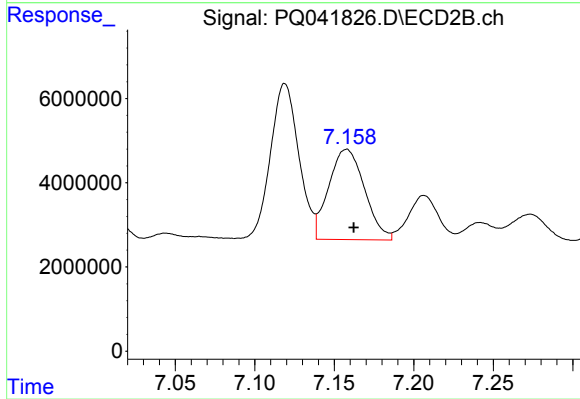
#19 AR-1242-4

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 10102600
Conc: 170.37 ng/ml



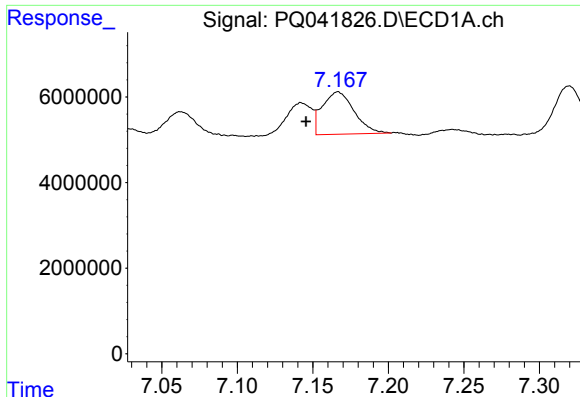
#20 AR-1242-5

R.T.: 8.136 min
Delta R.T.: -0.040 min
Response: 42513099
Conc: 479.15 ng/ml



#20 AR-1242-5

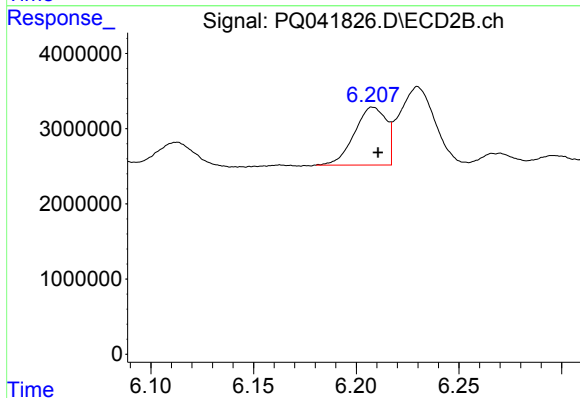
R.T.: 7.158 min
Delta R.T.: -0.005 min
Response: 33651440
Conc: 378.98 ng/ml



#21 AR-1248-1

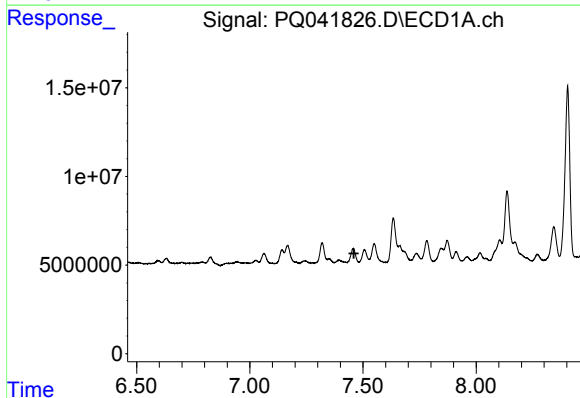
R.T.: 7.167 min
Delta R.T.: 0.021 min
Response: 14469301
Conc: 195.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



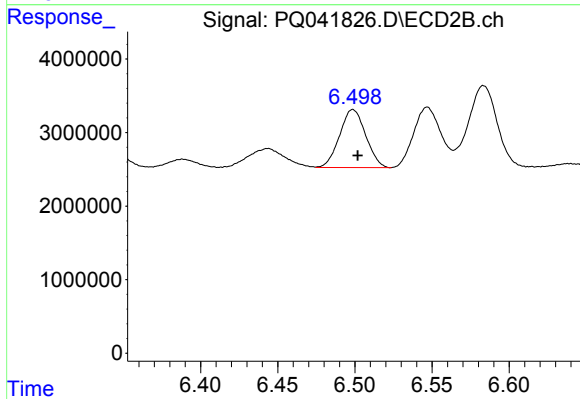
#21 AR-1248-1

R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 8288890
Conc: 125.01 ng/ml



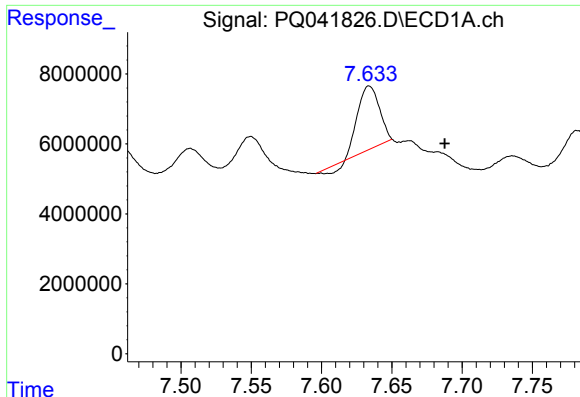
#22 AR-1248-2

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



#22 AR-1248-2

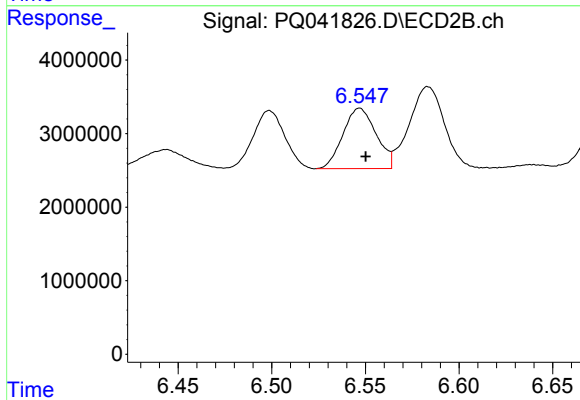
R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 9307720
Conc: 106.75 ng/ml



#23 AR-1248-3

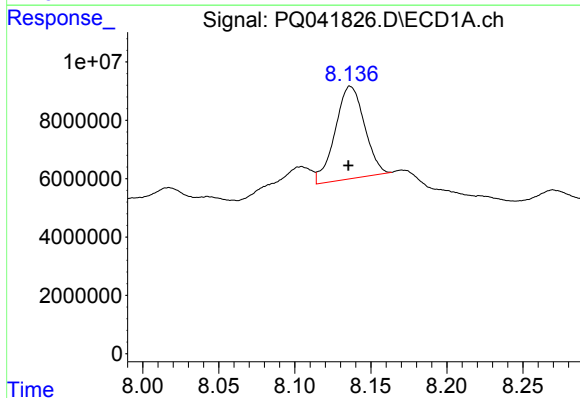
R.T.: 7.634 min
Delta R.T.: -0.054 min
Response: 18626058
Conc: 166.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



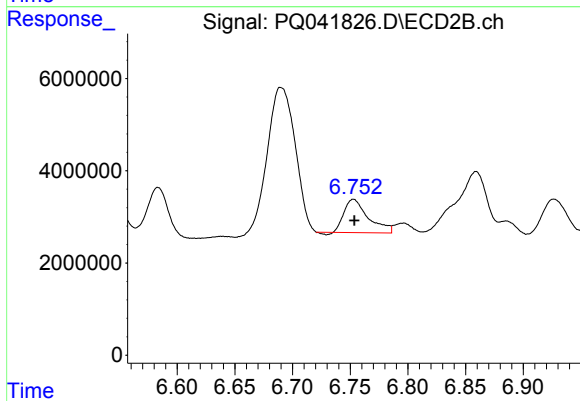
#23 AR-1248-3

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 10102600
Conc: 113.19 ng/ml



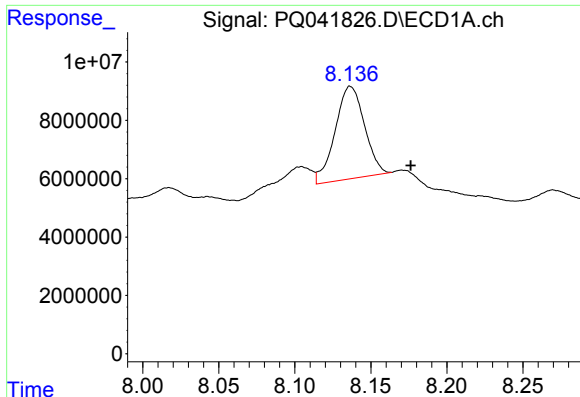
#24 AR-1248-4

R.T.: 8.136 min
Delta R.T.: 0.001 min
Response: 42513099
Conc: 271.90 ng/ml



#24 AR-1248-4

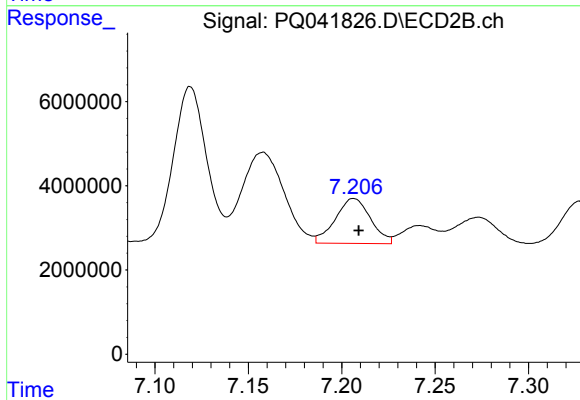
R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 10459745
Conc: 94.97 ng/ml



#25 AR-1248-5

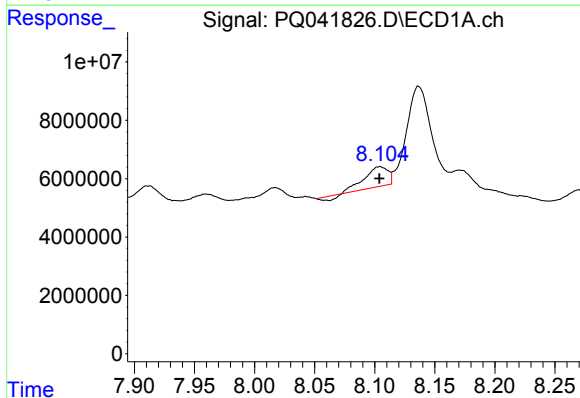
R.T.: 8.136 min
Delta R.T.: -0.040 min
Response: 42513099
Conc: 280.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



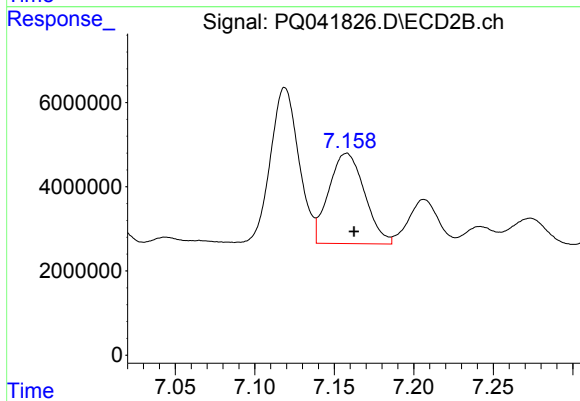
#25 AR-1248-5

R.T.: 7.206 min
Delta R.T.: -0.003 min
Response: 13984388
Conc: 109.10 ng/ml



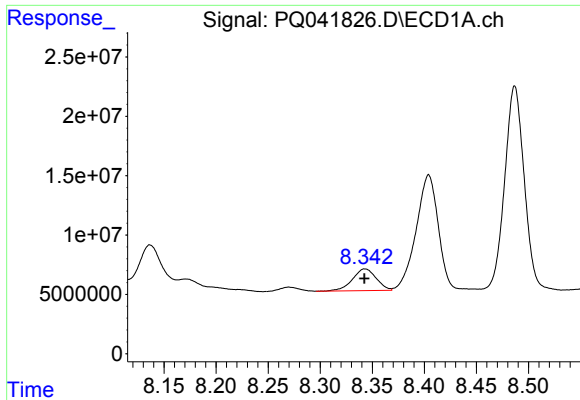
#26 AR-1254-1

R.T.: 8.105 min
Delta R.T.: 0.000 min
Response: 8433014
Conc: 60.62 ng/ml



#26 AR-1254-1

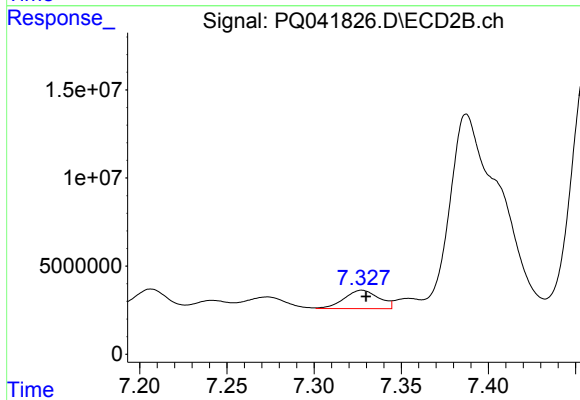
R.T.: 7.158 min
Delta R.T.: -0.005 min
Response: 33651440
Conc: 184.00 ng/ml



#27 AR-1254-2

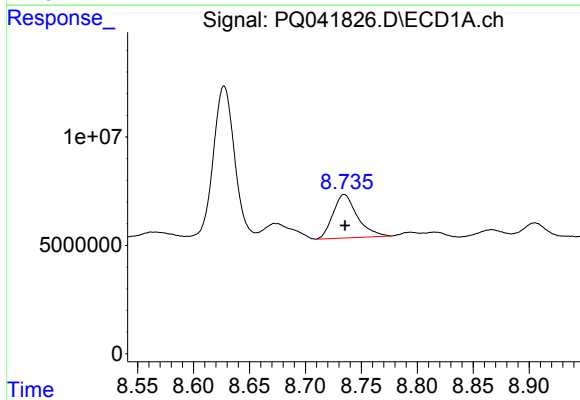
R.T.: 8.342 min
Delta R.T.: 0.000 min
Response: 28861851
Conc: 126.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



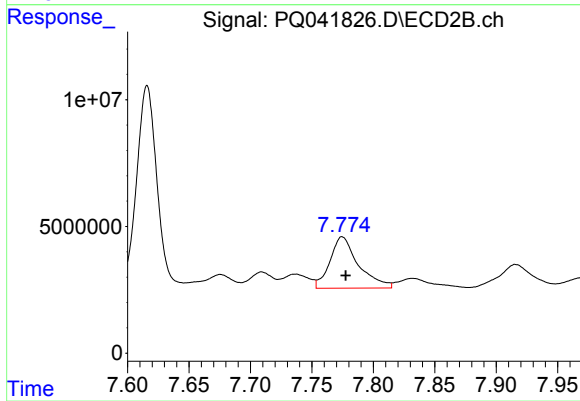
#27 AR-1254-2

R.T.: 7.327 min
Delta R.T.: -0.002 min
Response: 14447335
Conc: 89.25 ng/ml



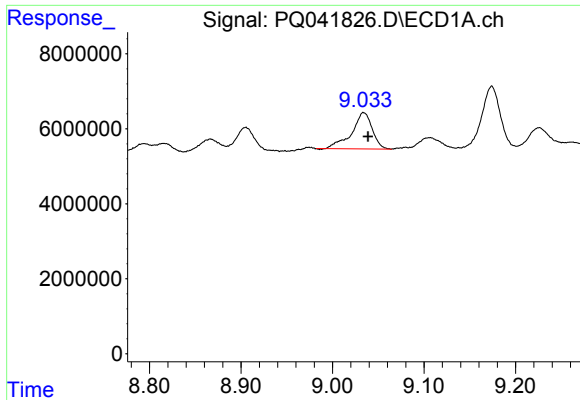
#28 AR-1254-3

R.T.: 8.735 min
Delta R.T.: 0.000 min
Response: 30265386
Conc: 110.69 ng/ml



#28 AR-1254-3

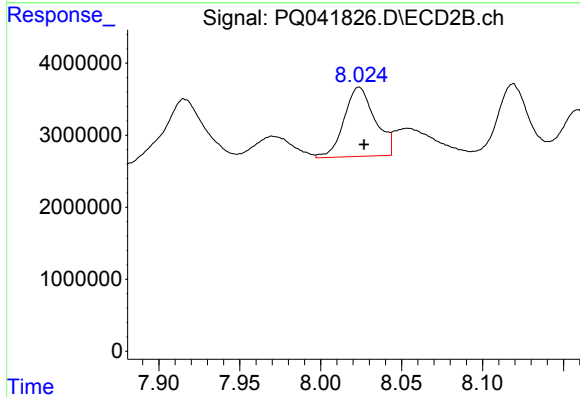
R.T.: 7.775 min
Delta R.T.: -0.003 min
Response: 32692072
Conc: 113.35 ng/ml



#29 AR-1254-4

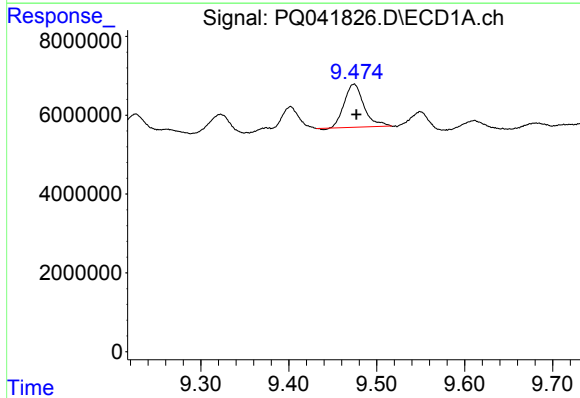
R.T.: 9.034 min
Delta R.T.: -0.005 min
Response: 15186671
Conc: 61.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



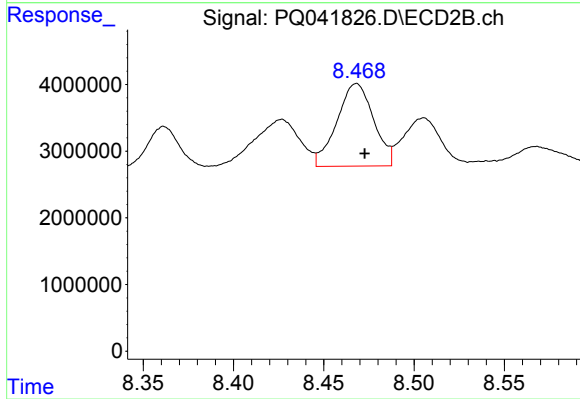
#29 AR-1254-4

R.T.: 8.024 min
Delta R.T.: -0.003 min
Response: 12771218
Conc: 58.83 ng/ml



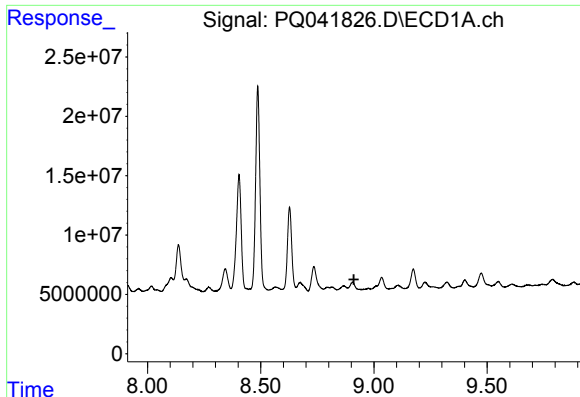
#30 AR-1254-5

R.T.: 9.474 min
Delta R.T.: -0.003 min
Response: 17137613
Conc: 63.27 ng/ml



#30 AR-1254-5

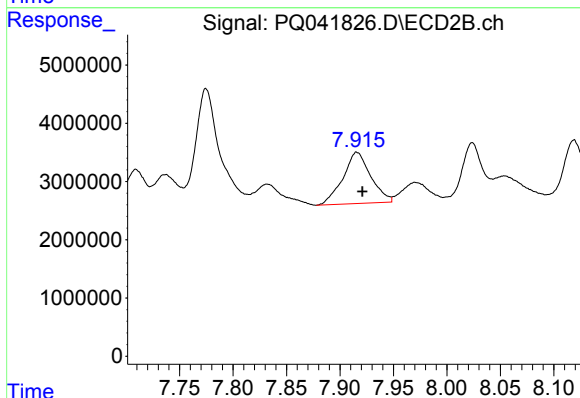
R.T.: 8.468 min
Delta R.T.: -0.005 min
Response: 17566211
Conc: 58.40 ng/ml



#31 AR-1260-1

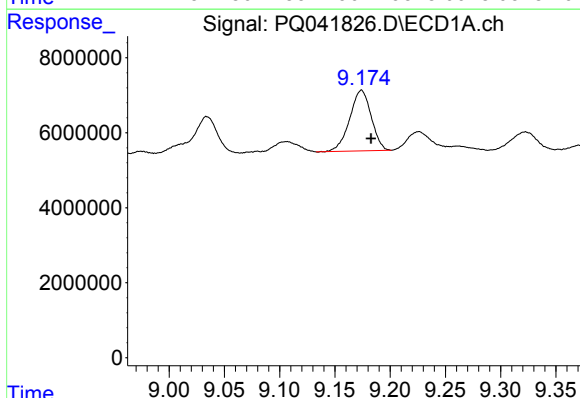
R.T.: 0.000 min
Exp R.T.: 8.912 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



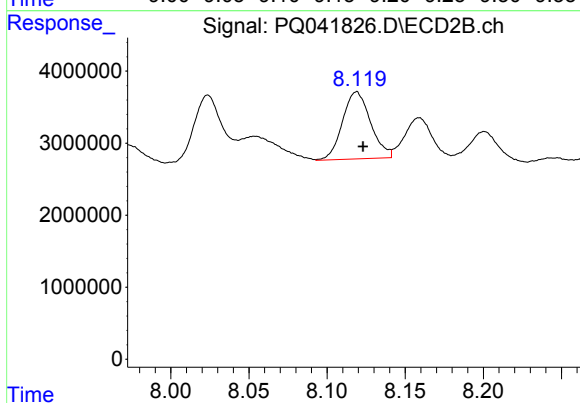
#31 AR-1260-1

R.T.: 7.916 min
Delta R.T.: -0.005 min
Response: 15938088
Conc: 87.85 ng/ml



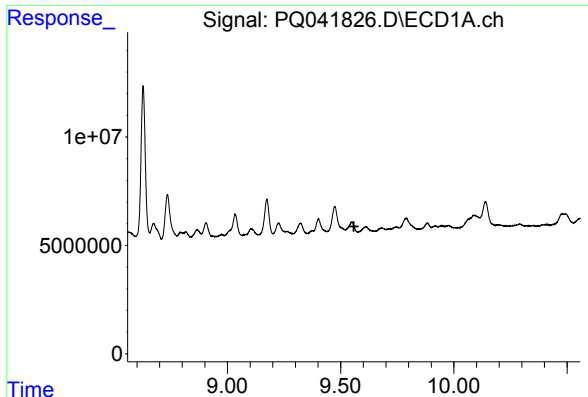
#32 AR-1260-2

R.T.: 9.174 min
Delta R.T.: -0.009 min
Response: 21891147
Conc: 86.77 ng/ml



#32 AR-1260-2

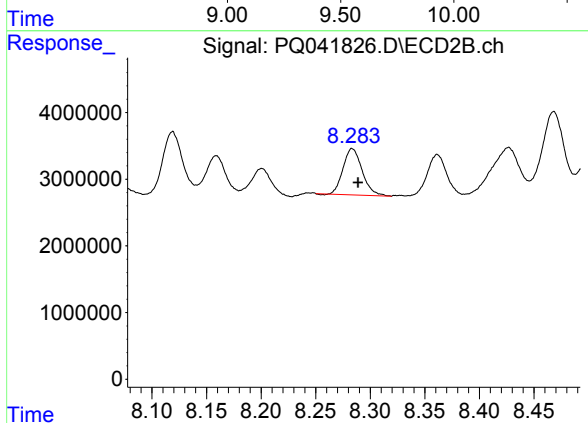
R.T.: 8.119 min
Delta R.T.: -0.004 min
Response: 11672624
Conc: 47.58 ng/ml



#33 AR-1260-3

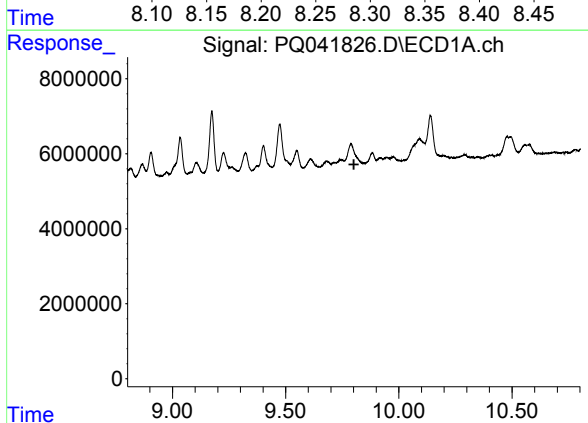
R.T.: 0.000 min
Exp R.T.: 9.558 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



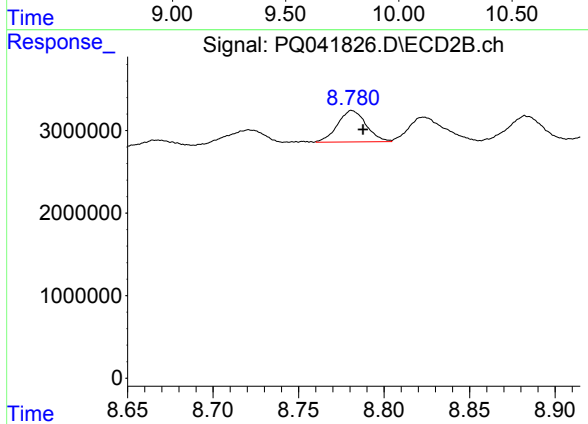
#33 AR-1260-3

R.T.: 8.283 min
Delta R.T.: -0.005 min
Response: 8443212
Conc: 39.68 ng/ml



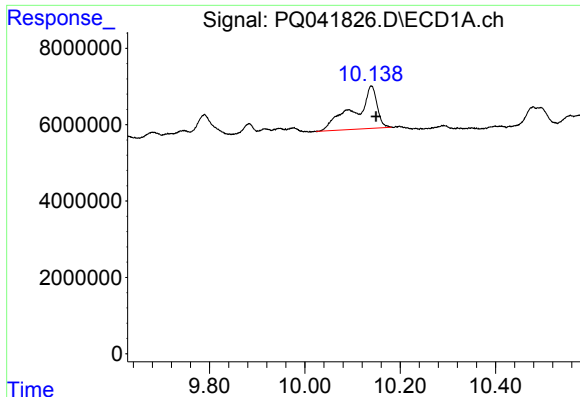
#34 AR-1260-4

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



#34 AR-1260-4

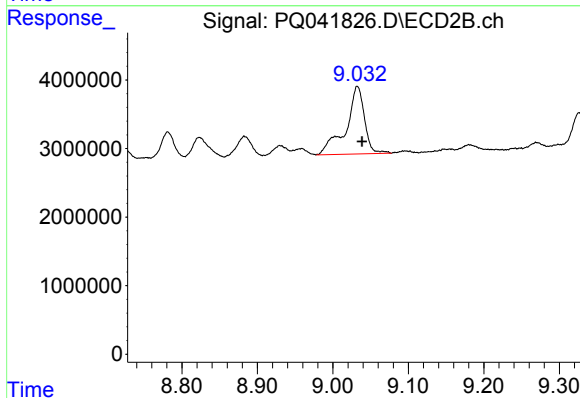
R.T.: 8.781 min
Delta R.T.: -0.006 min
Response: 4442072
Conc: 21.96 ng/ml



#35 AR-1260-5

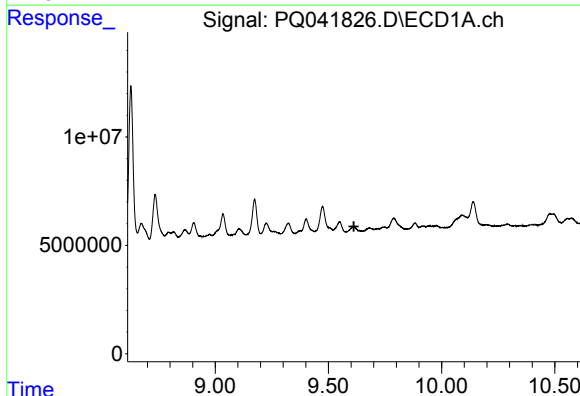
R.T.: 10.140 min
Delta R.T.: -0.010 min
Response: 36534910
Conc: 54.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



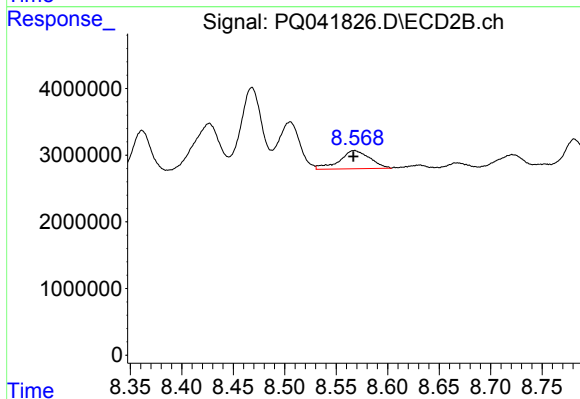
#35 AR-1260-5

R.T.: 9.033 min
Delta R.T.: -0.006 min
Response: 16887550
Conc: 28.61 ng/ml



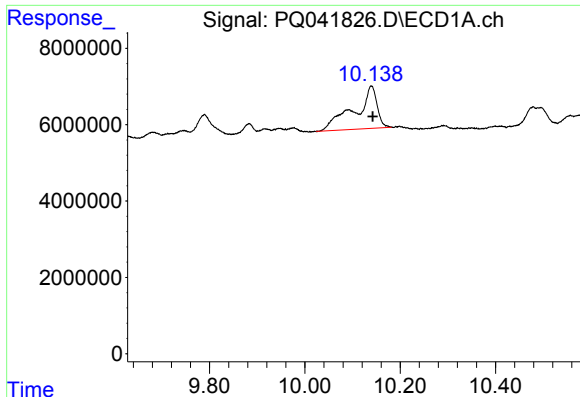
#36 AR-1262-1

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



#36 AR-1262-1

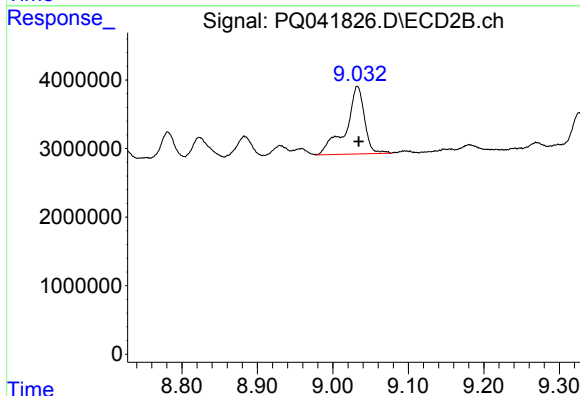
R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 5595067
Conc: 39.00 ng/ml



#37 AR-1262-2

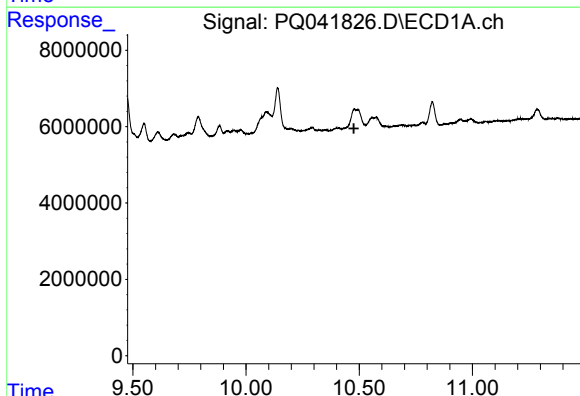
R.T.: 10.140 min
Delta R.T.: -0.002 min
Response: 36534910
Conc: 41.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



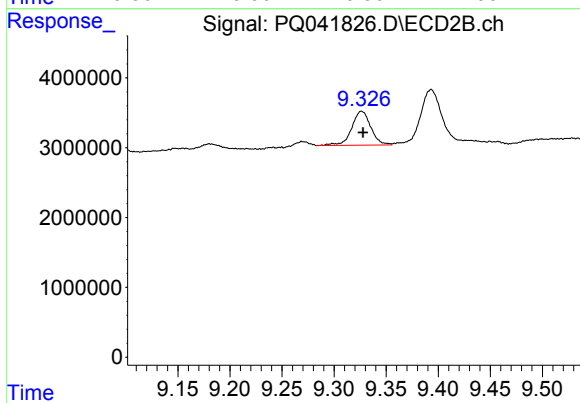
#37 AR-1262-2

R.T.: 9.033 min
Delta R.T.: -0.002 min
Response: 16887550
Conc: 22.79 ng/ml



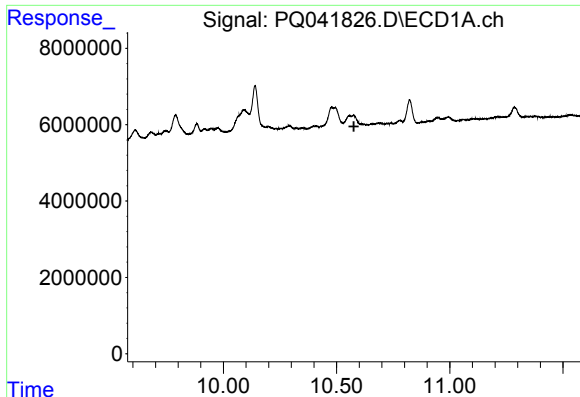
#38 AR-1262-3

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



#38 AR-1262-3

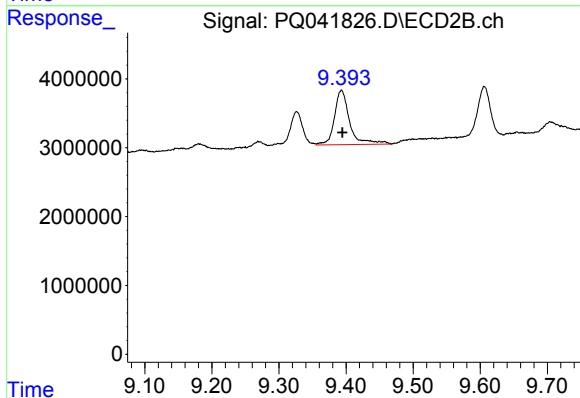
R.T.: 9.326 min
Delta R.T.: -0.001 min
Response: 6250980
Conc: 19.76 ng/ml



#39 AR-1262-4

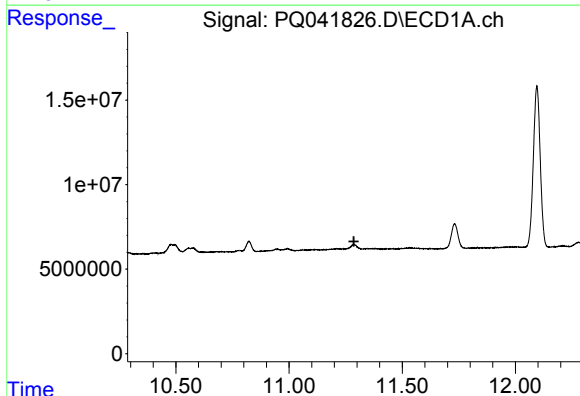
R.T.: 0.000 min
Exp R.T.: 10.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



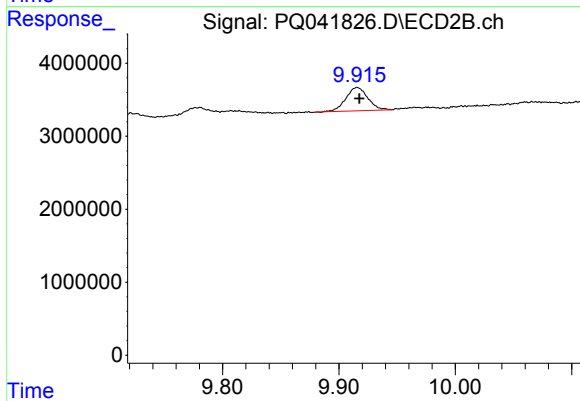
#39 AR-1262-4

R.T.: 9.393 min
Delta R.T.: -0.001 min
Response: 12472864
Conc: 22.18 ng/ml



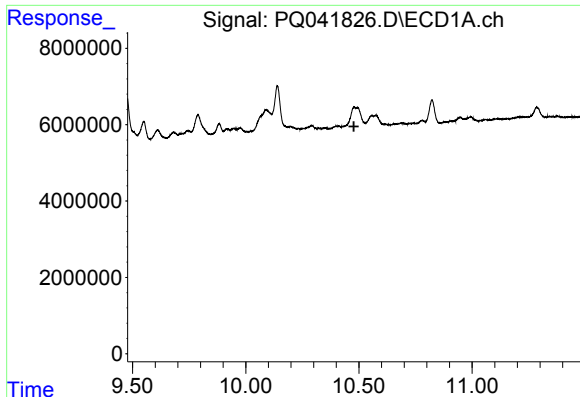
#40 AR-1262-5

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



#40 AR-1262-5

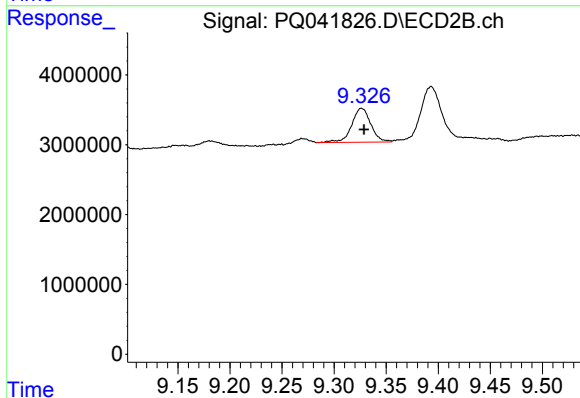
R.T.: 9.916 min
Delta R.T.: -0.002 min
Response: 4201006
Conc: 14.71 ng/ml



#41 AR-1268-1

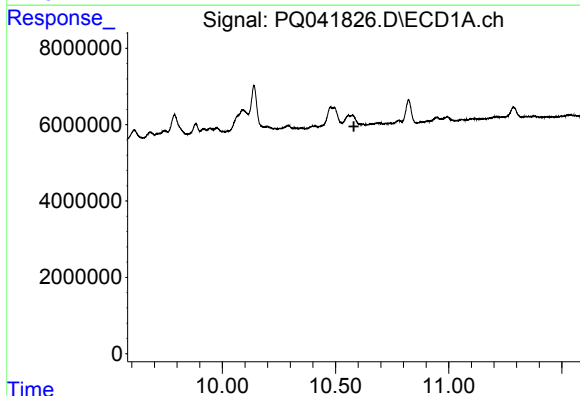
R.T.: 0.000 min
Exp R.T. : 10.478 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



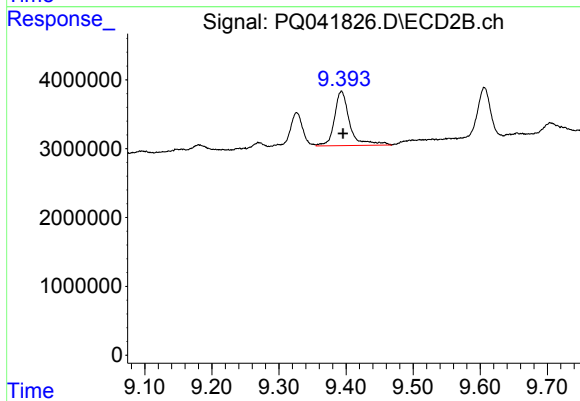
#41 AR-1268-1

R.T.: 9.326 min
Delta R.T.: -0.002 min
Response: 6250980
Conc: 5.47 ng/ml



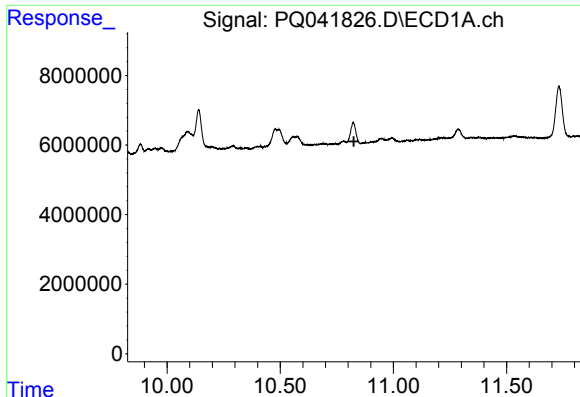
#42 AR-1268-2

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



#42 AR-1268-2

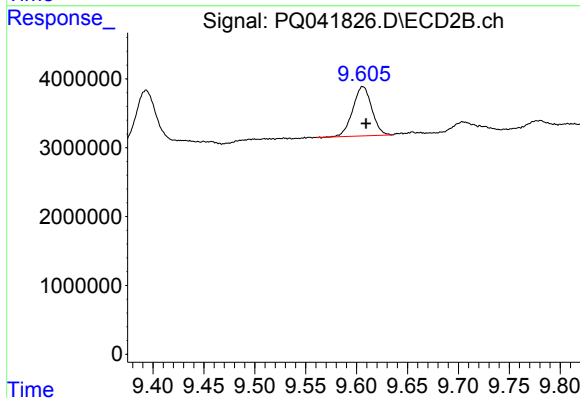
R.T.: 9.393 min
Delta R.T.: -0.002 min
Response: 12472864
Conc: 12.15 ng/ml



#43 AR-1268-3

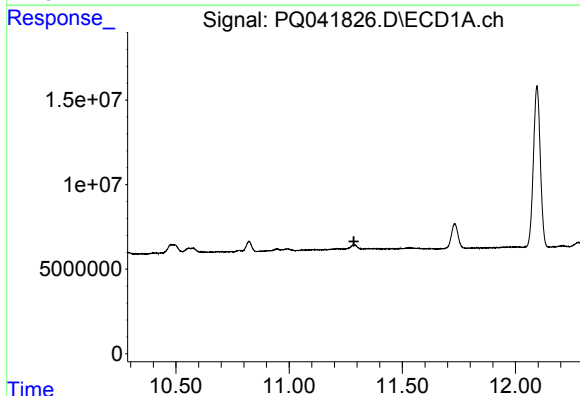
R.T.: 0.000 min
Exp R.T.: 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



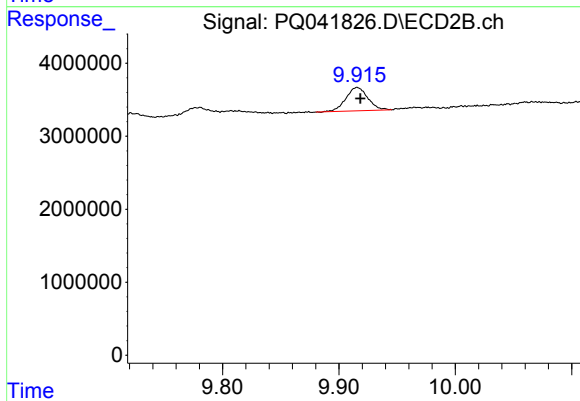
#43 AR-1268-3

R.T.: 9.606 min
Delta R.T.: -0.003 min
Response: 9308871
Conc: 10.71 ng/ml



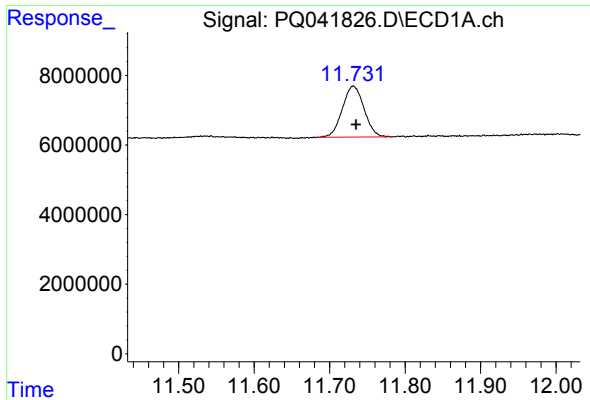
#44 AR-1268-4

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



#44 AR-1268-4

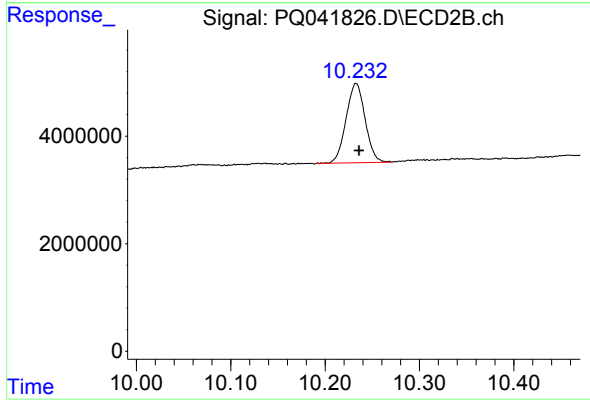
R.T.: 9.916 min
Delta R.T.: -0.003 min
Response: 4201006
Conc: 10.92 ng/ml



#45 AR-1268-5

R.T.: 11.731 min
Delta R.T.: -0.004 min
Response: 29316463
Conc: 7.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.233 min
Delta R.T.: -0.003 min
Response: 20686602
Conc: 7.96 ng/ml