

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082619\
 Data File : PQ042944.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2019 05:07
 Operator : SM\AJ
 Sample : K4502-18
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQ90

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 08:54:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 26 05:38:16 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...	5.634	4.695	60711557	55388399	22.682	23.929
2)	SA Decachlor...	11.984	10.424	352.9E6	280.3E6	41.800	41.718
Target Compounds							
3)	L1 AR-1016-1	7.094	0.000	3045877	0	29.318	N.D. #
4)	L1 AR-1016-2	7.094	0.000	3045877	0	19.105	N.D. #
5)	L1 AR-1016-3	7.152	0.000	379786	0	3.738	N.D. #
6)	L1 AR-1016-4	7.256	0.000	5300614	0	66.161	N.D. #
7)	L1 AR-1016-5	7.617	6.635	2728003	24279979	33.301	269.467 #
9)	L2 AR-1221-2	6.019	0.000	596304	0	25.227	N.D. #
10)	L2 AR-1221-3	6.141	0.000	3153144	0	38.238	N.D. #
11)	L3 AR-1232-1	6.141	0.000	3153144	0	44.127	N.D. #
12)	L3 AR-1232-2	6.724	0.000	11548753	0	292.695	N.D. #
13)	L3 AR-1232-3	7.094	0.000	3045877	0	36.726	N.D. #
14)	L3 AR-1232-4	7.256	0.000	5300614	0	123.130	N.D. #
15)	L3 AR-1232-5	7.397	6.635	5002912	24279979	174.873	536.717 #
16)	L4 AR-1242-1	7.094	0.000	3045877	0	29.936	N.D. #
17)	L4 AR-1242-2	7.094	0.000	3045877	0	19.995	N.D. #
18)	L4 AR-1242-3	7.152	0.000	379786	0	3.980	N.D. #
19)	L4 AR-1242-4	7.256	0.000	5300614	0	68.858	N.D. #
20)	L4 AR-1242-5	8.128	7.055	2801773	34189688	29.258	300.077 #
21)	L5 AR-1248-1	7.094	0.000	3045877	0	38.532	N.D. #
22)	L5 AR-1248-2	7.397	0.000	5002912	0	44.202	N.D. #
23)	L5 AR-1248-3	7.617	0.000	2728003	0	20.177	N.D. #
24)	L5 AR-1248-4	8.072	6.635	35493793	24279979	219.047	165.787
25)	L5 AR-1248-5	8.128	0.000	2801773	0	17.878	N.D. #
26)	L6 AR-1254-1	8.017	7.055	7692899	34189688	46.037	139.407 #
27)	L6 AR-1254-2	8.278	7.293	102.0E6	107.4E6	379.104	481.708 #
28)	L6 AR-1254-3	8.685	7.732	73654428	68438162	244.554	182.077 #
29)	L6 AR-1254-4	8.973	8.007	3325161	12134279	14.595	50.184 #
30)	L6 AR-1254-5	9.430	8.404	39331765	26596970	145.229	72.068 #
31)	L7 AR-1260-1	8.841	7.852	14951450	9063649	83.454	46.752 #
32)	L7 AR-1260-2	9.110	8.058	38366801	14774300	163.138	58.030 #
33)	L7 AR-1260-3	9.487	8.219	10023849	5619886	46.910	24.667 #
34)	L7 AR-1260-4	9.726	8.715	13246292	6562525	56.181	30.416 #
35)	L7 AR-1260-5	10.069	8.968	36190316	21851782	63.506	37.473 #
36)	L8 AR-1262-1	9.487	8.439	10023849	17776985	24.950	95.971 #
37)	L8 AR-1262-2	10.069	8.968	36190316	21851782	45.247	25.299 #
38)	L8 AR-1262-3	10.400	9.260	21244447	9667327	35.874	25.804 #
39)	L8 AR-1262-4	10.497	9.327	6931605	22825780	13.918	33.248 #
40)	L8 AR-1262-5	11.194	9.845	23796585	5063238	63.778	15.408 #
41)	L9 AR-1268-1	10.400	9.260	21244447	9667327	19.769	9.032 #
42)	L9 AR-1268-2	10.497	9.327	6931605	22825780	6.606	22.215 #
43)	L9 AR-1268-3	10.739	9.536	25998424	24238842	27.156	27.478

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082619\
Data File : PQ042944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2019 05:07
Operator : SM\AJ
Sample : K4502-18
Misc :
ALS Vial : 55 Sample Multiplier: 1

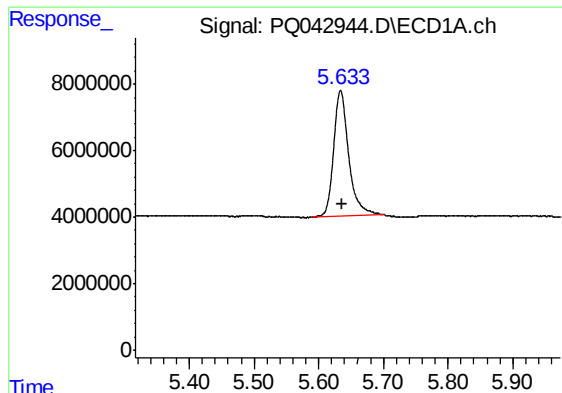
Instrument :
ECD_Q
ClientSampleId :
ETQ90

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 26 08:54:54 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082619CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 26 05:38:16 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	11.194	9.845	23796585	5063238	59.324	14.210 #
45)	L9 AR-1268-5	11.631	10.155	73264858	59261985	21.947	21.195

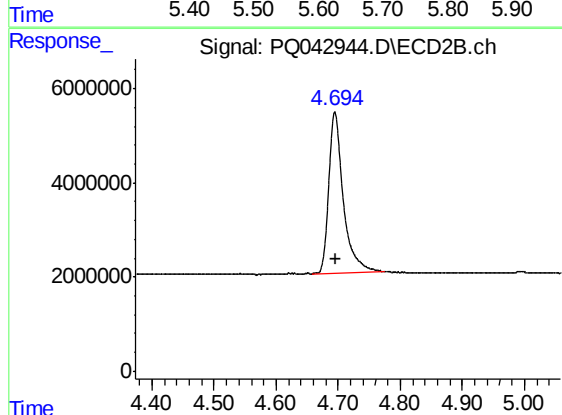
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

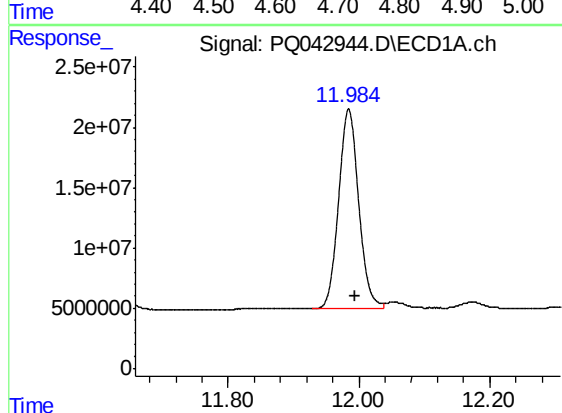
R.T.: 5.634 min
Delta R.T.: -0.002 min
Response: 60711557
Conc: 22.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ90



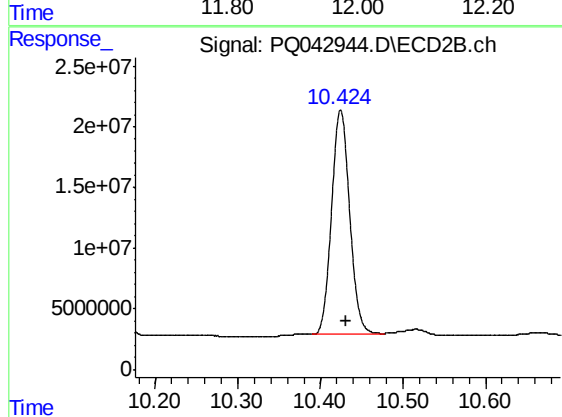
#1 Tetrachloro-m-xylene

R.T.: 4.695 min
Delta R.T.: -0.002 min
Response: 55388399
Conc: 23.93 ng/ml



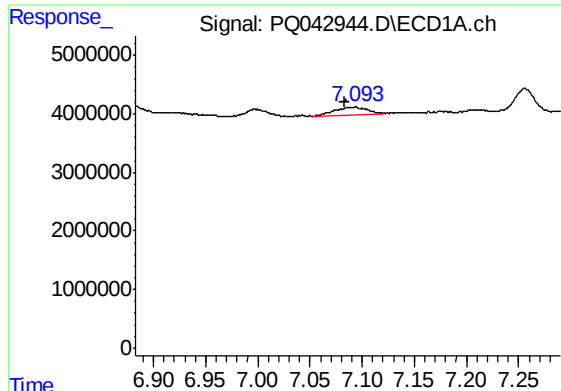
#2 Decachlorobiphenyl

R.T.: 11.984 min
Delta R.T.: -0.009 min
Response: 352882631
Conc: 41.80 ng/ml



#2 Decachlorobiphenyl

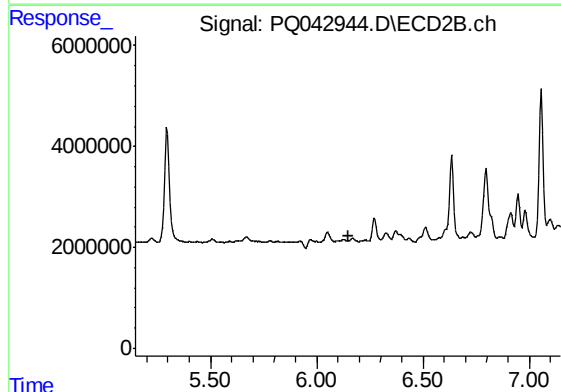
R.T.: 10.424 min
Delta R.T.: -0.006 min
Response: 280252576
Conc: 41.72 ng/ml



#3 AR-1016-1

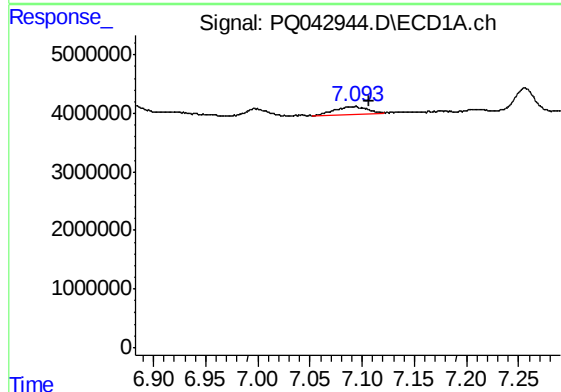
R.T.: 7.094 min
Delta R.T.: 0.011 min
Response: 3045877
Conc: 29.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ90



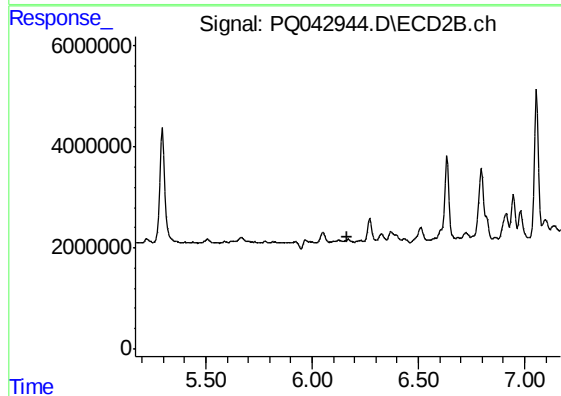
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 6.147 min
Response: 0
Conc: N.D.



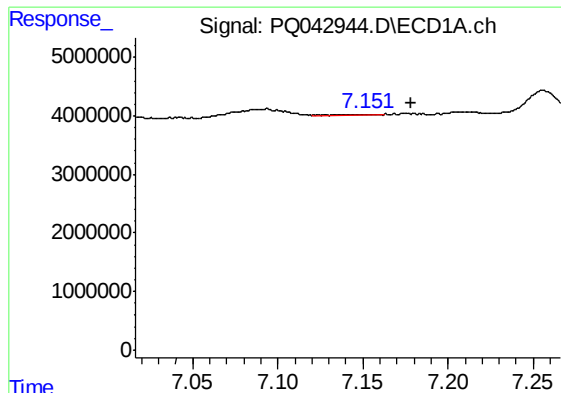
#4 AR-1016-2

R.T.: 7.094 min
Delta R.T.: -0.013 min
Response: 3045877
Conc: 19.11 ng/ml



#4 AR-1016-2

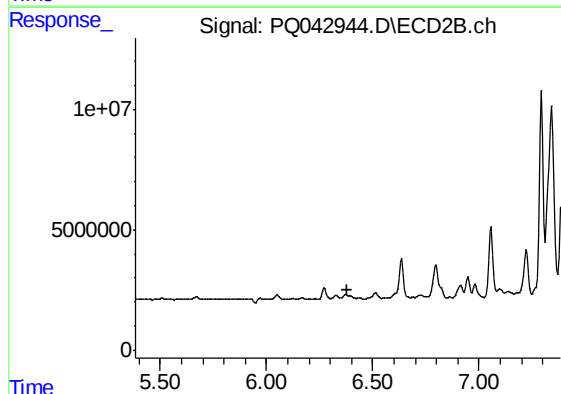
R.T.: 0.000 min
Exp R.T. : 6.168 min
Response: 0
Conc: N.D.



#5 AR-1016-3

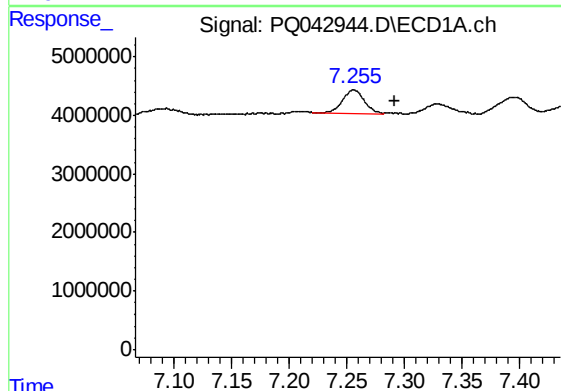
R.T.: 7.152 min
Delta R.T.: -0.026 min
Response: 379786
Conc: 3.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ90



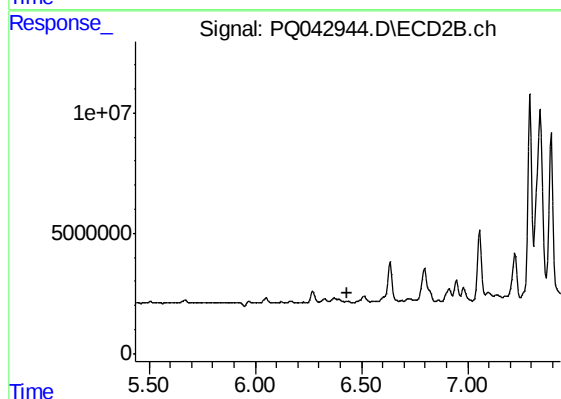
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 6.383 min
Response: 0
Conc: N.D.



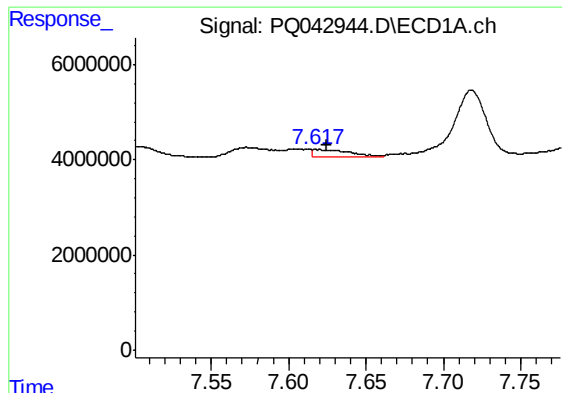
#6 AR-1016-4

R.T.: 7.256 min
Delta R.T.: -0.036 min
Response: 5300614
Conc: 66.16 ng/ml



#6 AR-1016-4

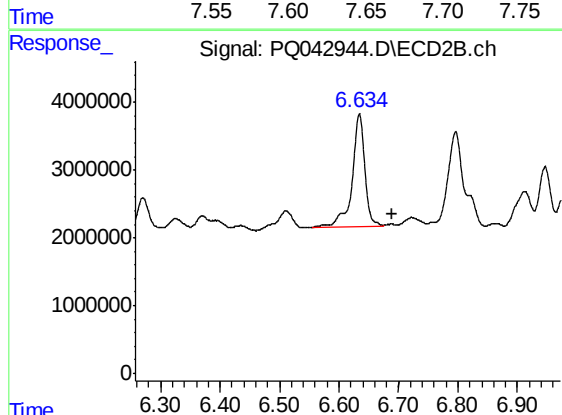
R.T.: 0.000 min
Exp R.T. : 6.437 min
Response: 0
Conc: N.D.



#7 AR-1016-5

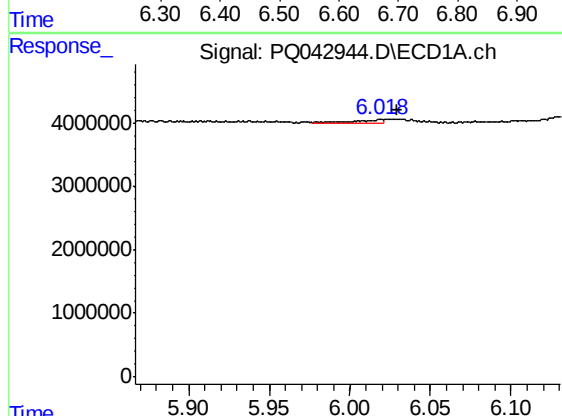
R.T.: 7.617 min
Delta R.T.: -0.007 min
Response: 2728003
Conc: 33.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ90



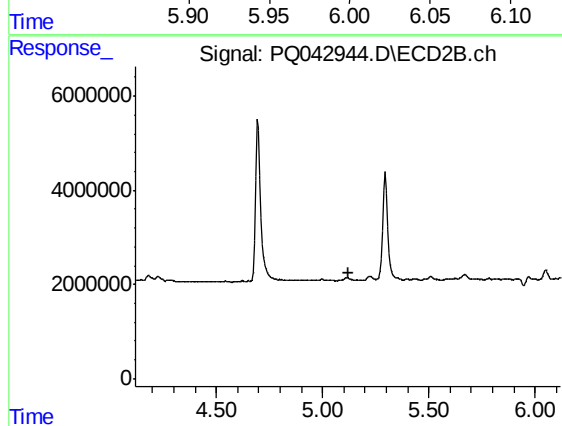
#7 AR-1016-5

R.T.: 6.635 min
Delta R.T.: -0.055 min
Response: 24279979
Conc: 269.47 ng/ml



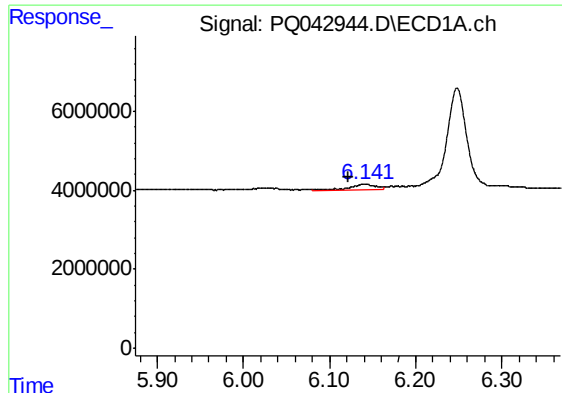
#9 AR-1221-2

R.T.: 6.019 min
Delta R.T.: -0.011 min
Response: 596304
Conc: 25.23 ng/ml



#9 AR-1221-2

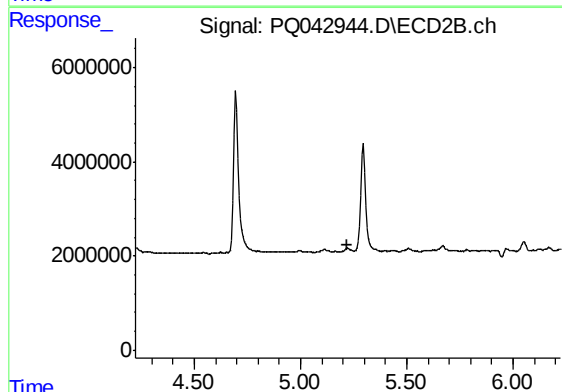
R.T.: 0.000 min
Exp R.T. : 5.120 min
Response: 0
Conc: N.D.



#10 AR-1221-3

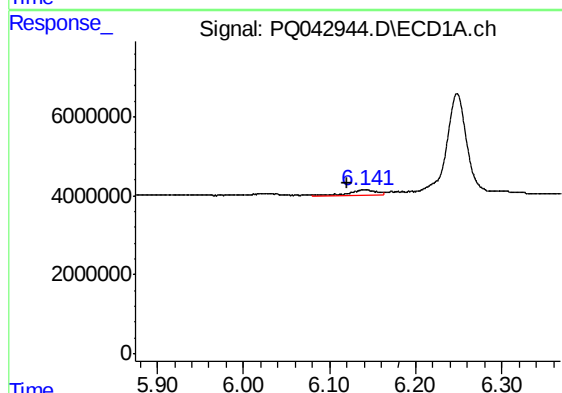
R.T.: 6.141 min
Delta R.T.: 0.019 min
Response: 3153144
Conc: 38.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ90



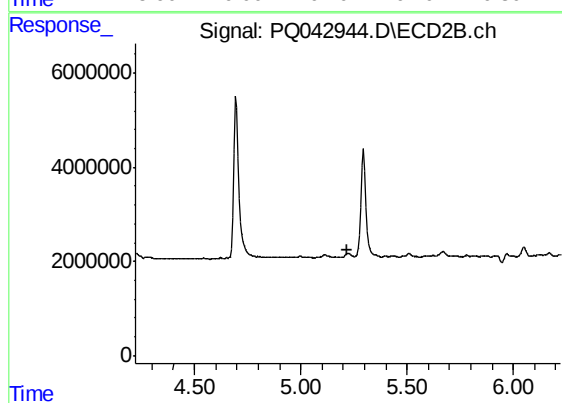
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.223 min
Response: 0
Conc: N.D.



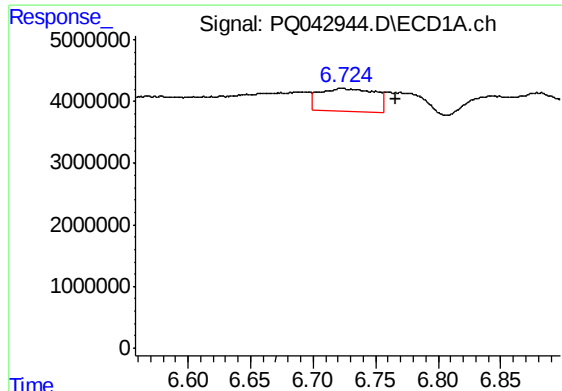
#11 AR-1232-1

R.T.: 6.141 min
Delta R.T.: 0.020 min
Response: 3153144
Conc: 44.13 ng/ml



#11 AR-1232-1

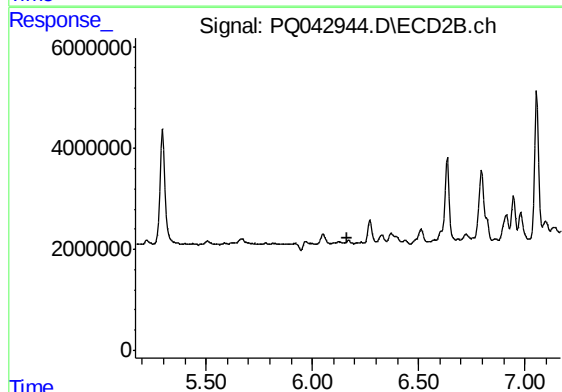
R.T.: 0.000 min
Exp R.T. : 5.222 min
Response: 0
Conc: N.D.



#12 AR-1232-2

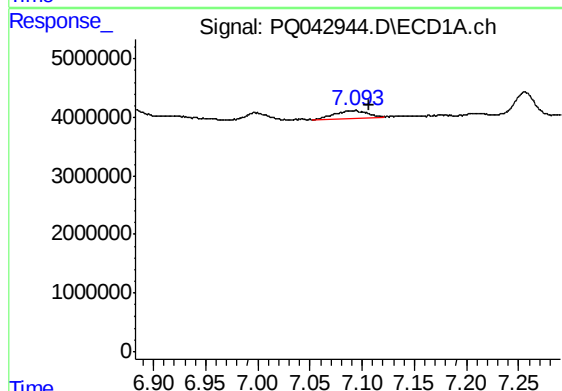
R.T.: 6.724 min
Delta R.T.: -0.042 min
Response: 11548753
Conc: 292.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ90



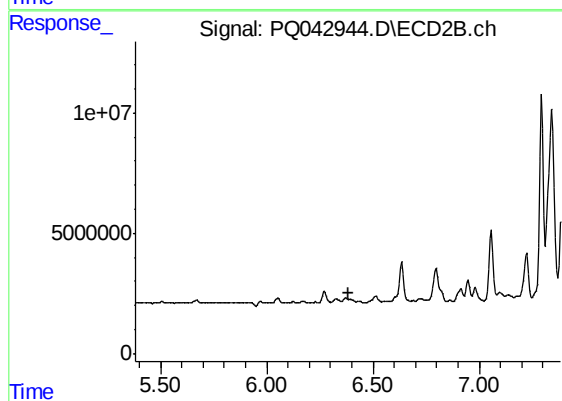
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.168 min
Response: 0
Conc: N.D.



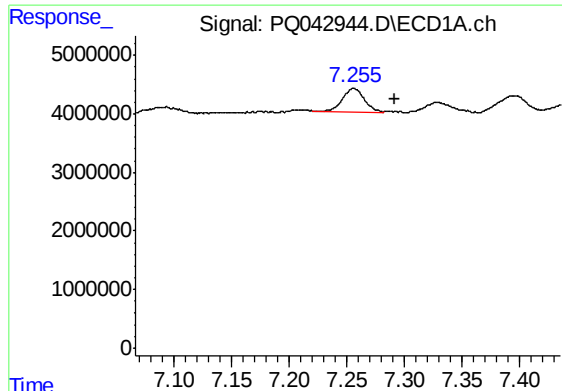
#13 AR-1232-3

R.T.: 7.094 min
Delta R.T.: -0.013 min
Response: 3045877
Conc: 36.73 ng/ml



#13 AR-1232-3

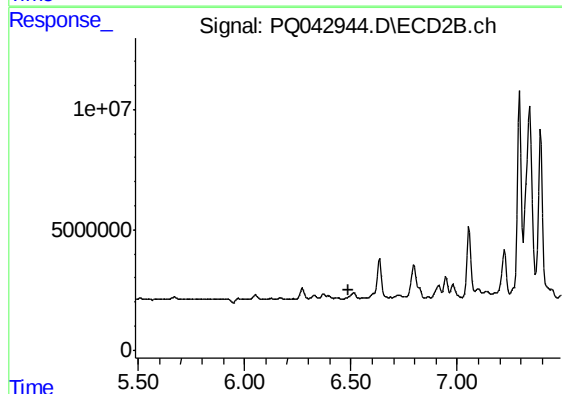
R.T.: 0.000 min
Exp R.T. : 6.382 min
Response: 0
Conc: N.D.



#14 AR-1232-4

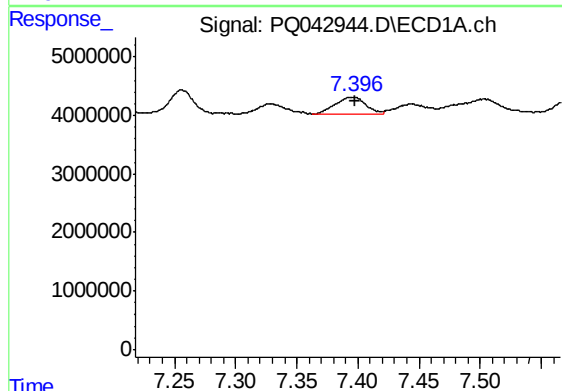
R.T.: 7.256 min
Delta R.T.: -0.036 min
Response: 5300614
Conc: 123.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ90



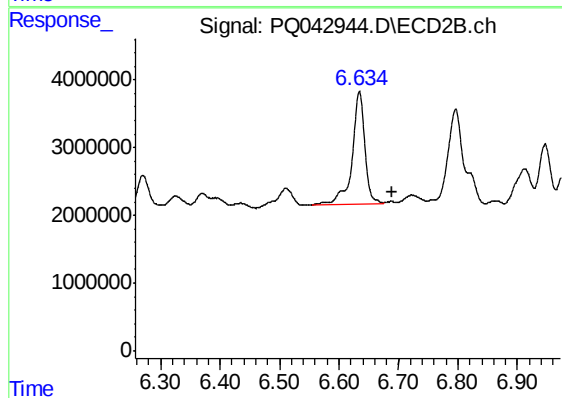
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.486 min
Response: 0
Conc: N.D.



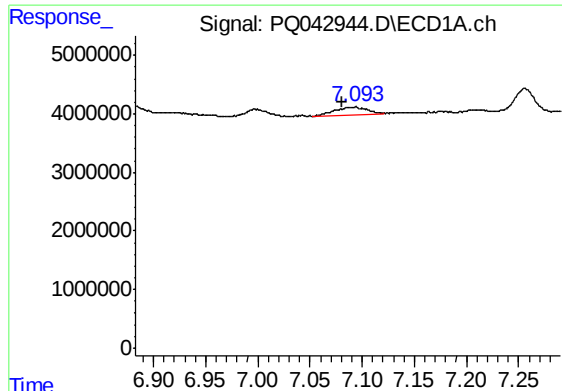
#15 AR-1232-5

R.T.: 7.397 min
Delta R.T.: -0.001 min
Response: 5002912
Conc: 174.87 ng/ml



#15 AR-1232-5

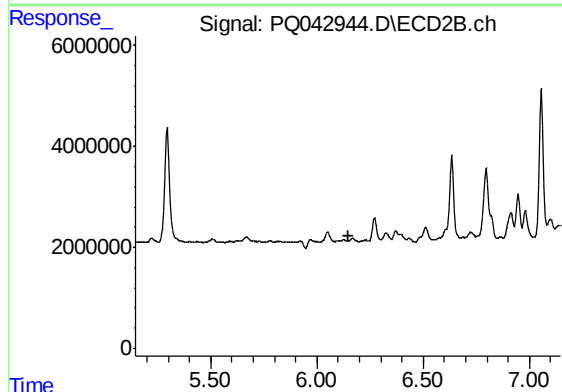
R.T.: 6.635 min
Delta R.T.: -0.055 min
Response: 24279979
Conc: 536.72 ng/ml



#16 AR-1242-1

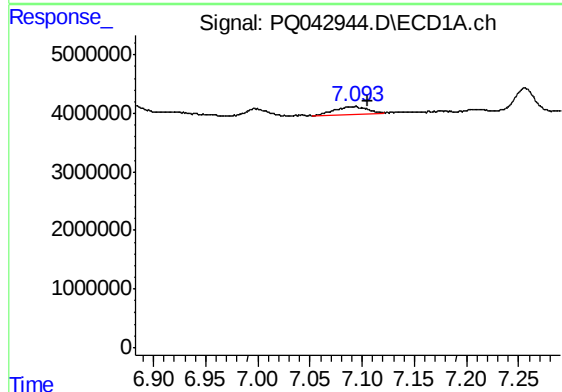
R.T.: 7.094 min
Delta R.T.: 0.012 min
Response: 3045877
Conc: 29.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ90



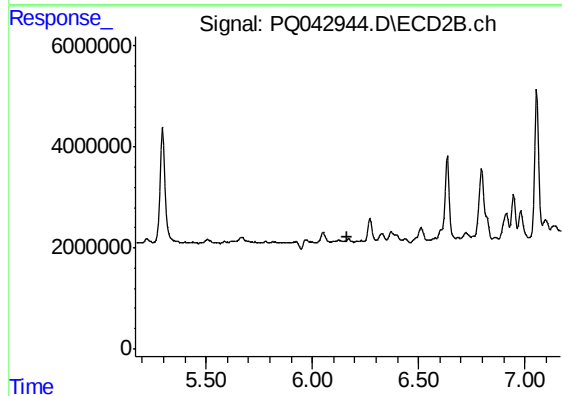
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.146 min
Response: 0
Conc: N.D.



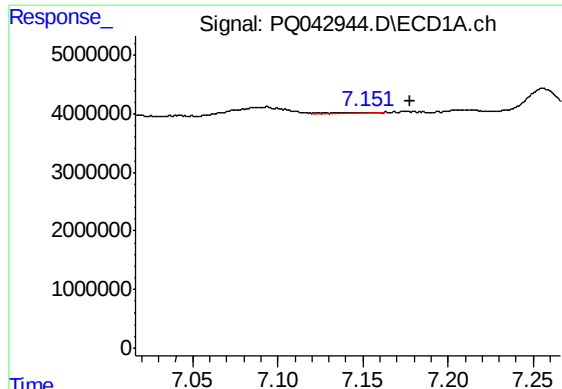
#17 AR-1242-2

R.T.: 7.094 min
Delta R.T.: -0.012 min
Response: 3045877
Conc: 20.00 ng/ml



#17 AR-1242-2

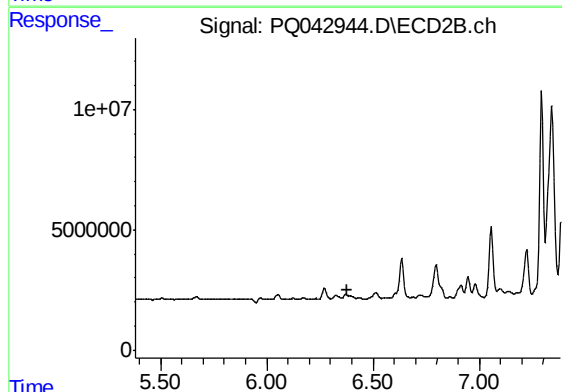
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.



#18 AR-1242-3

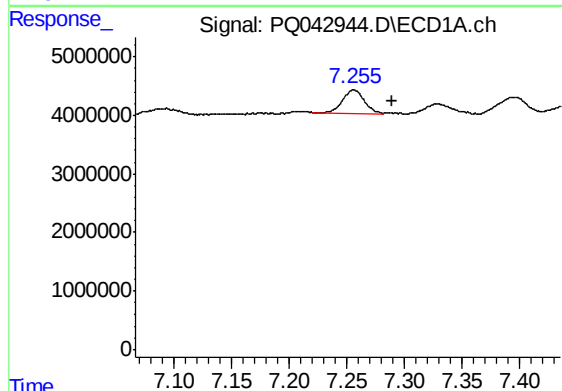
R.T.: 7.152 min
Delta R.T.: -0.026 min
Response: 379786
Conc: 3.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ90



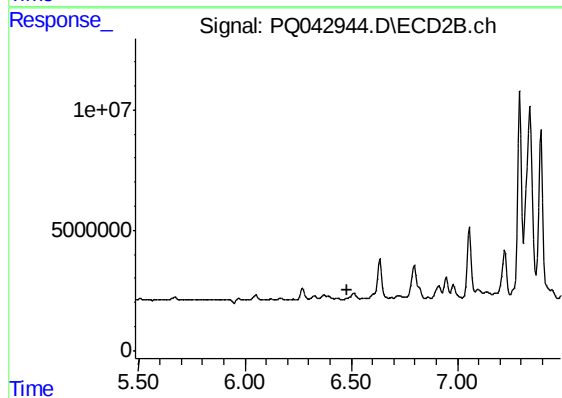
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.381 min
Response: 0
Conc: N.D.



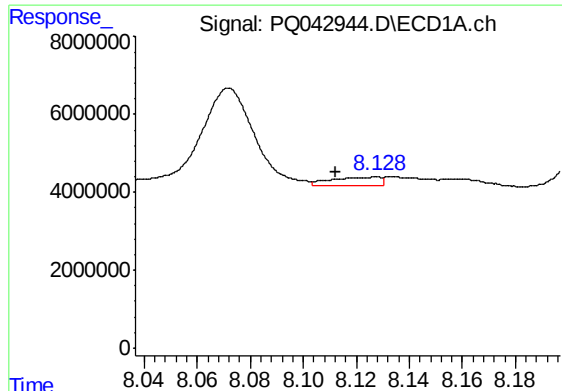
#19 AR-1242-4

R.T.: 7.256 min
Delta R.T.: -0.033 min
Response: 5300614
Conc: 68.86 ng/ml



#19 AR-1242-4

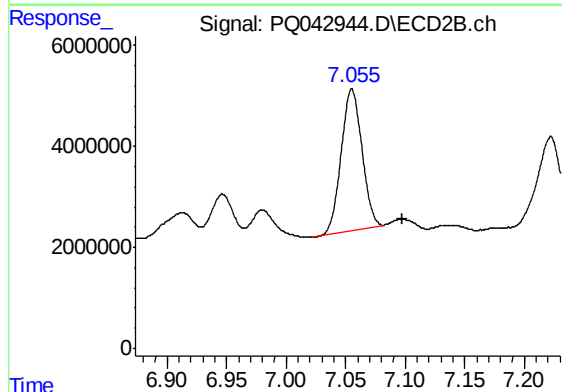
R.T.: 0.000 min
Exp R.T. : 6.485 min
Response: 0
Conc: N.D.



#20 AR-1242-5

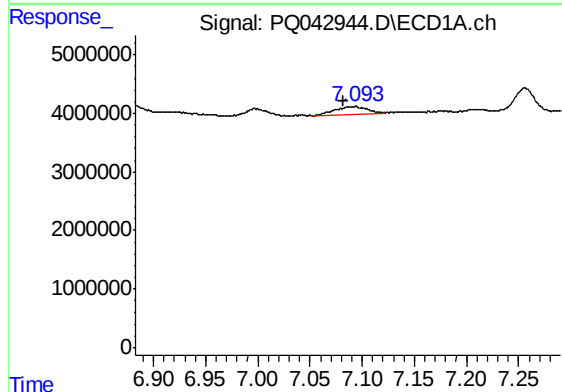
R.T.: 8.128 min
Delta R.T.: 0.016 min
Response: 2801773
Conc: 29.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ90



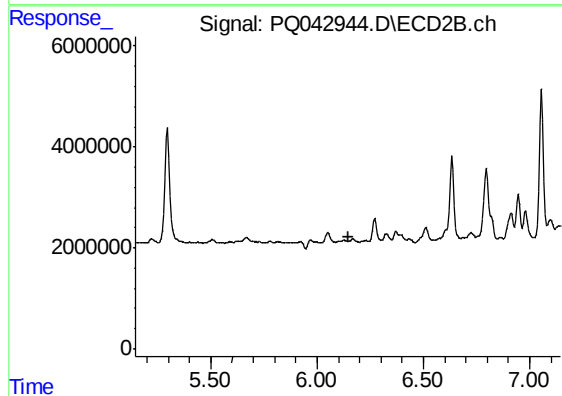
#20 AR-1242-5

R.T.: 7.055 min
Delta R.T.: -0.042 min
Response: 34189688
Conc: 300.08 ng/ml



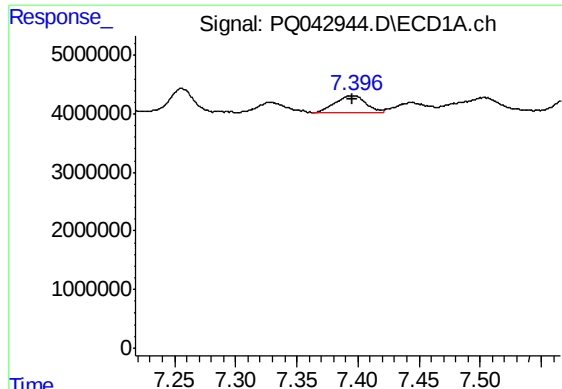
#21 AR-1248-1

R.T.: 7.094 min
Delta R.T.: 0.012 min
Response: 3045877
Conc: 38.53 ng/ml



#21 AR-1248-1

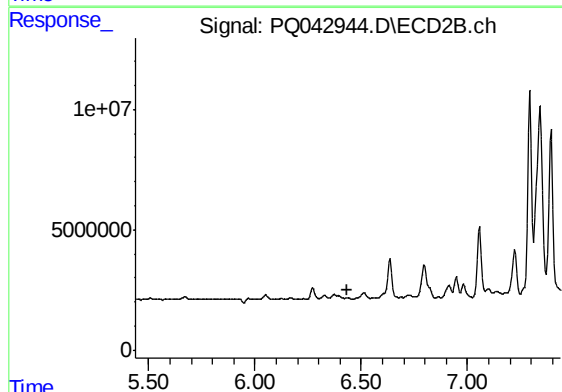
R.T.: 0.000 min
Exp R.T. : 6.145 min
Response: 0
Conc: N.D.



#22 AR-1248-2

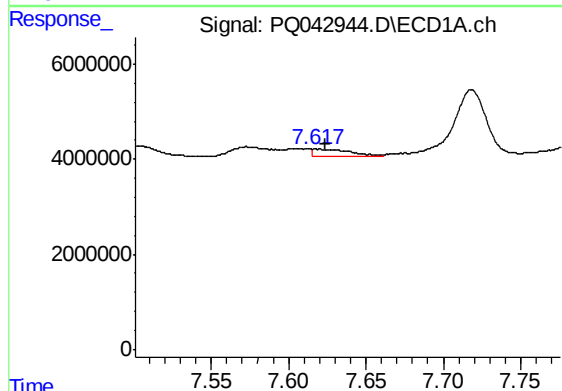
R.T.: 7.397 min
Delta R.T.: 0.000 min
Response: 5002912
Conc: 44.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ90



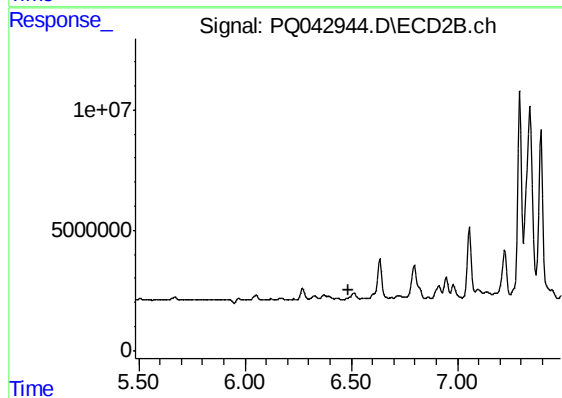
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.437 min
Response: 0
Conc: N.D.



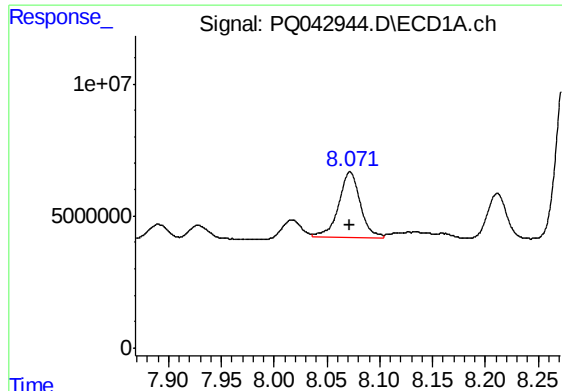
#23 AR-1248-3

R.T.: 7.617 min
Delta R.T.: -0.006 min
Response: 2728003
Conc: 20.18 ng/ml



#23 AR-1248-3

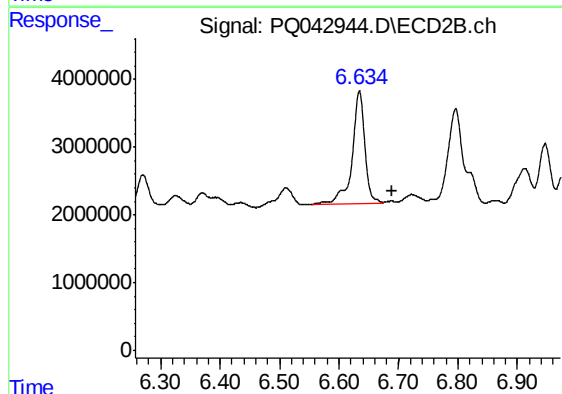
R.T.: 0.000 min
Exp R.T. : 6.485 min
Response: 0
Conc: N.D.



#24 AR-1248-4

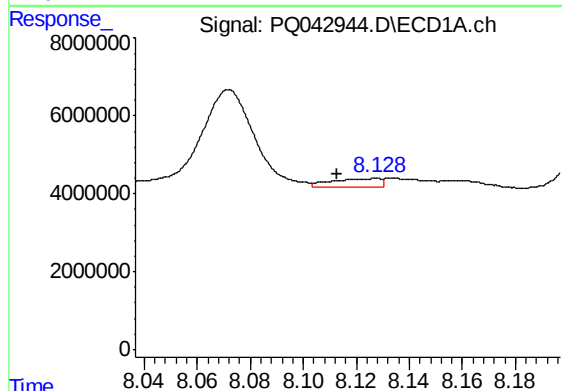
R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 35493793
Conc: 219.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ90



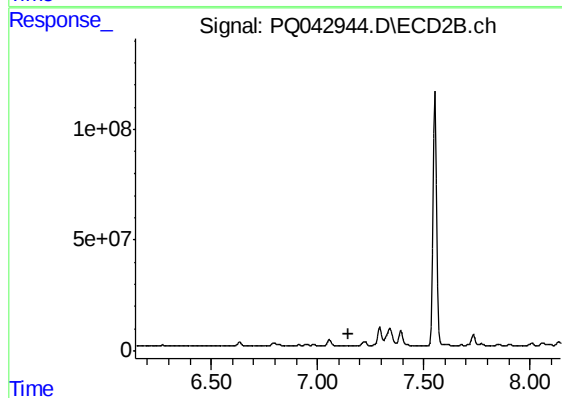
#24 AR-1248-4

R.T.: 6.635 min
Delta R.T.: -0.054 min
Response: 24279979
Conc: 165.79 ng/ml



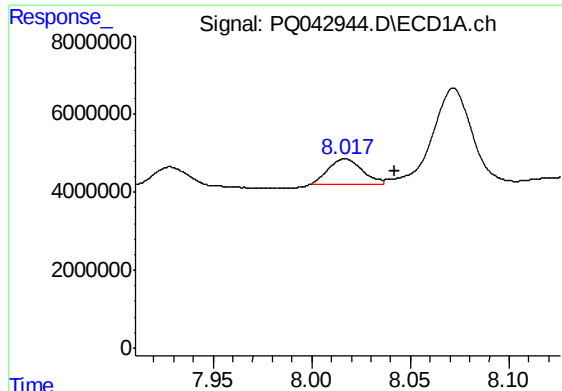
#25 AR-1248-5

R.T.: 8.128 min
Delta R.T.: 0.015 min
Response: 2801773
Conc: 17.88 ng/ml



#25 AR-1248-5

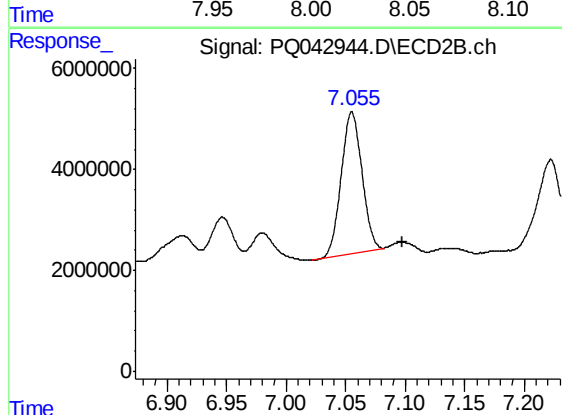
R.T.: 0.000 min
Exp R.T. : 7.143 min
Response: 0
Conc: N.D.



#26 AR-1254-1

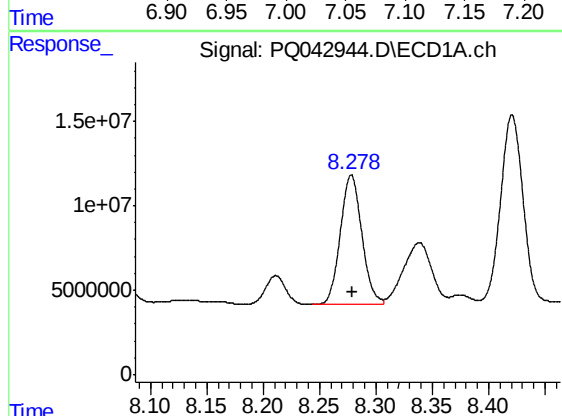
R.T.: 8.017 min
Delta R.T.: -0.025 min
Response: 7692899
Conc: 46.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ90



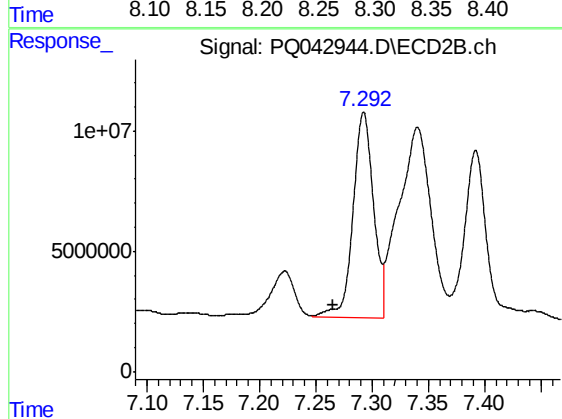
#26 AR-1254-1

R.T.: 7.055 min
Delta R.T.: -0.042 min
Response: 34189688
Conc: 139.41 ng/ml



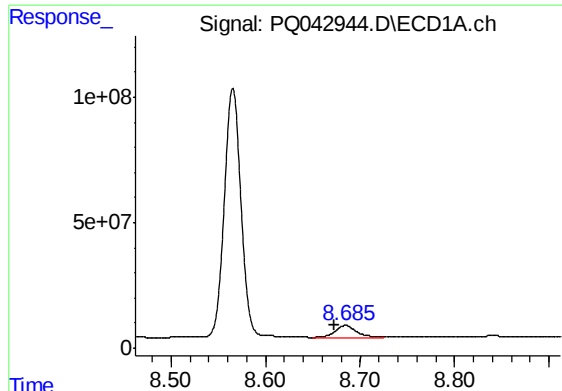
#27 AR-1254-2

R.T.: 8.278 min
Delta R.T.: -0.001 min
Response: 101960427
Conc: 379.10 ng/ml



#27 AR-1254-2

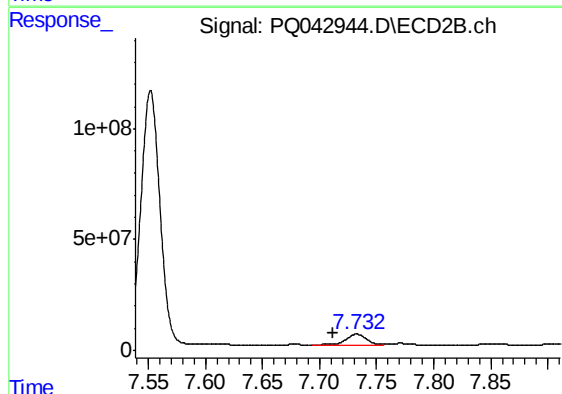
R.T.: 7.293 min
Delta R.T.: 0.027 min
Response: 107440377
Conc: 481.71 ng/ml



#28 AR-1254-3

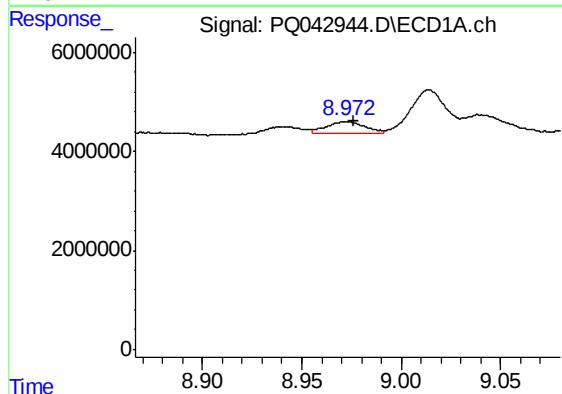
R.T.: 8.685 min
Delta R.T.: 0.012 min
Response: 73654428
Conc: 244.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ90



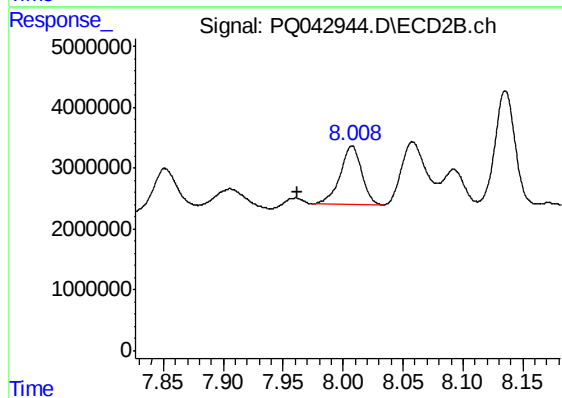
#28 AR-1254-3

R.T.: 7.732 min
Delta R.T.: 0.020 min
Response: 68438162
Conc: 182.08 ng/ml



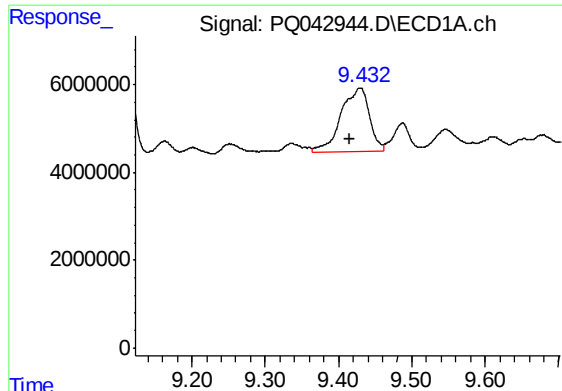
#29 AR-1254-4

R.T.: 8.973 min
Delta R.T.: -0.003 min
Response: 3325161
Conc: 14.60 ng/ml



#29 AR-1254-4

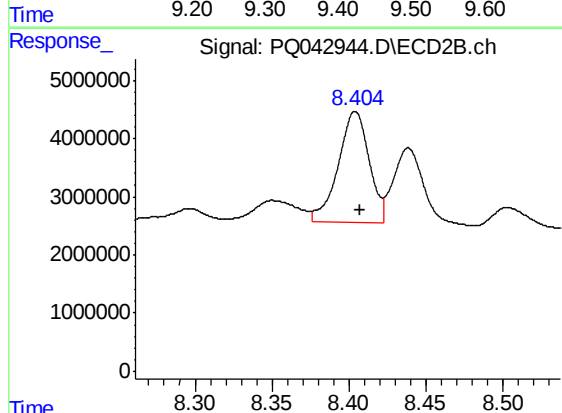
R.T.: 8.007 min
Delta R.T.: 0.045 min
Response: 12134279
Conc: 50.18 ng/ml



#30 AR-1254-5

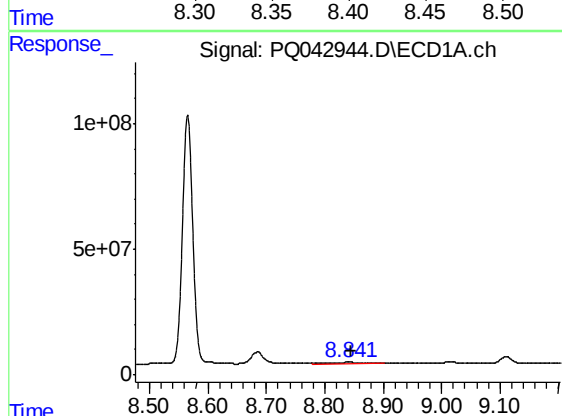
R.T.: 9.430 min
Delta R.T.: 0.015 min
Response: 39331765
Conc: 145.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ90



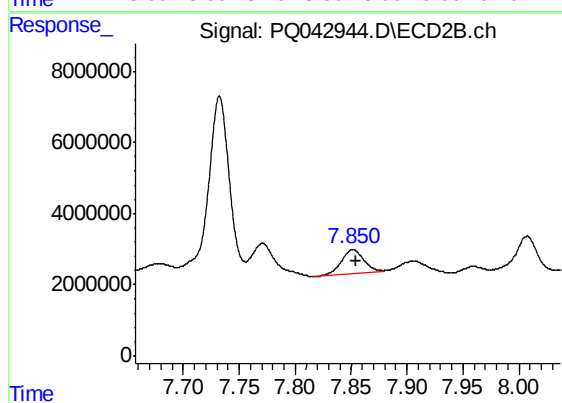
#30 AR-1254-5

R.T.: 8.404 min
Delta R.T.: -0.003 min
Response: 26596970
Conc: 72.07 ng/ml



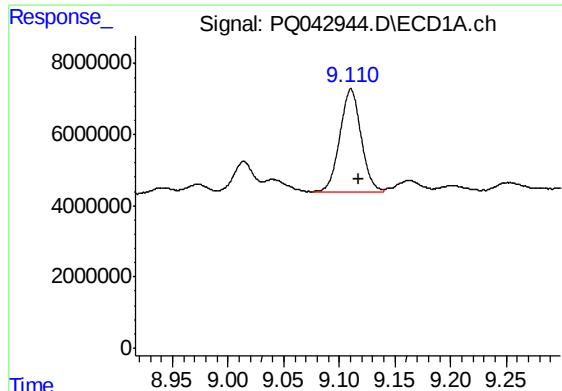
#31 AR-1260-1

R.T.: 8.841 min
Delta R.T.: -0.005 min
Response: 14951450
Conc: 83.45 ng/ml



#31 AR-1260-1

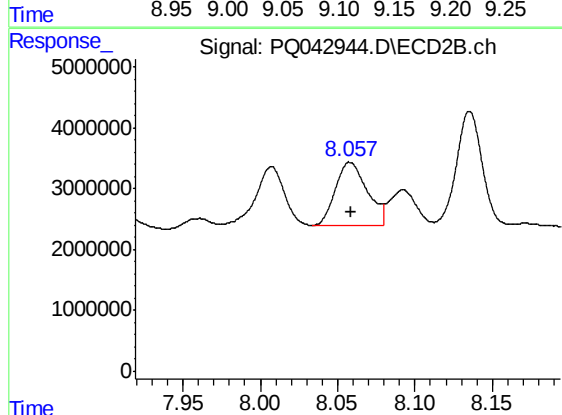
R.T.: 7.852 min
Delta R.T.: -0.003 min
Response: 9063649
Conc: 46.75 ng/ml



#32 AR-1260-2

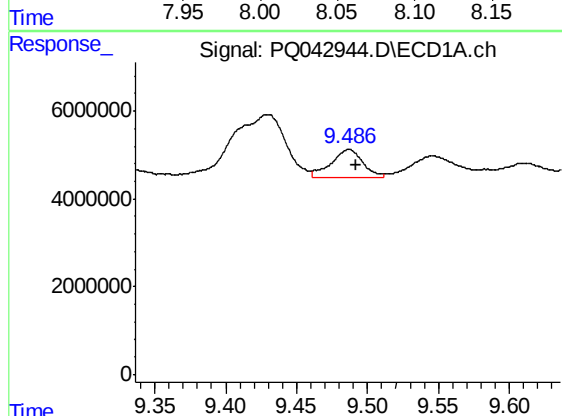
R.T.: 9.110 min
Delta R.T.: -0.007 min
Response: 38366801
Conc: 163.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ90



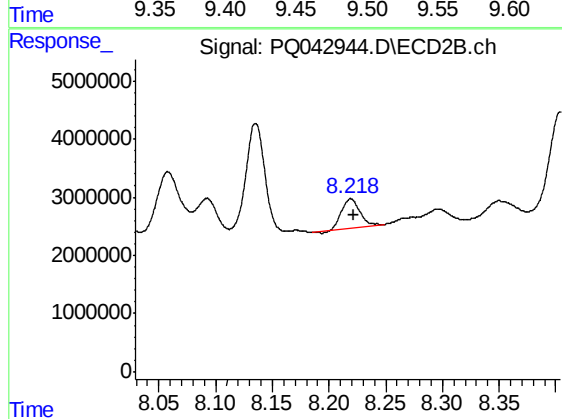
#32 AR-1260-2

R.T.: 8.058 min
Delta R.T.: -0.001 min
Response: 14774300
Conc: 58.03 ng/ml



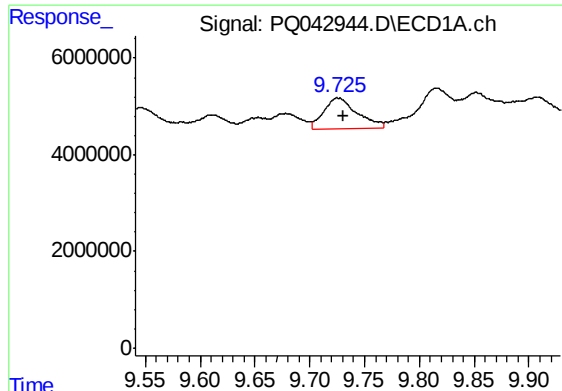
#33 AR-1260-3

R.T.: 9.487 min
Delta R.T.: -0.005 min
Response: 10023849
Conc: 46.91 ng/ml



#33 AR-1260-3

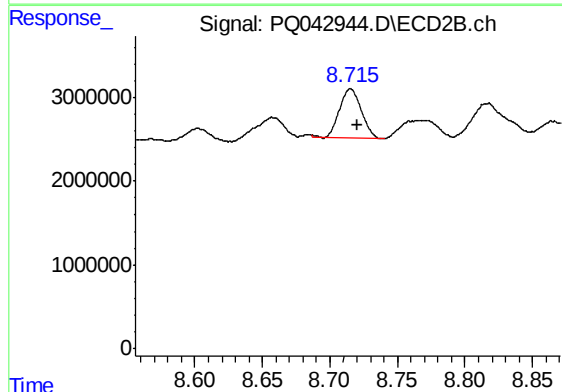
R.T.: 8.219 min
Delta R.T.: -0.003 min
Response: 5619886
Conc: 24.67 ng/ml



#34 AR-1260-4

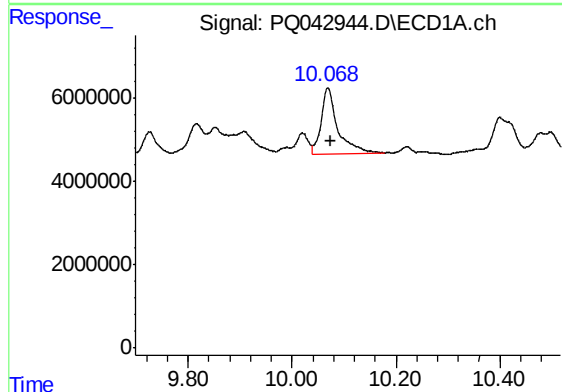
R.T.: 9.726 min
Delta R.T.: -0.006 min
Response: 13246292
Conc: 56.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ90



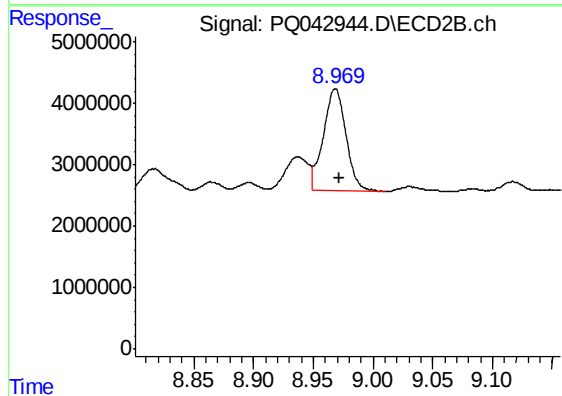
#34 AR-1260-4

R.T.: 8.715 min
Delta R.T.: -0.005 min
Response: 6562525
Conc: 30.42 ng/ml



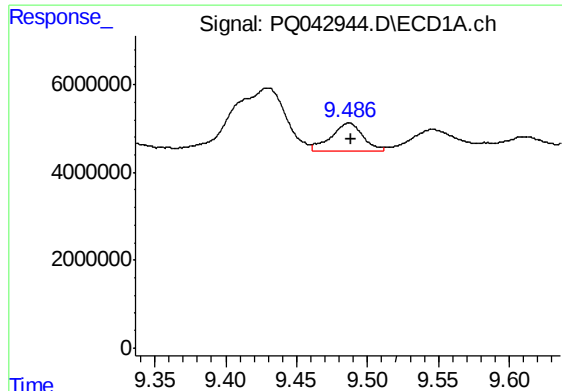
#35 AR-1260-5

R.T.: 10.069 min
Delta R.T.: -0.007 min
Response: 36190316
Conc: 63.51 ng/ml



#35 AR-1260-5

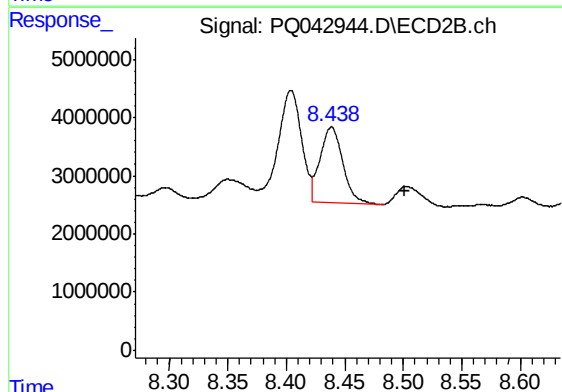
R.T.: 8.968 min
Delta R.T.: -0.004 min
Response: 21851782
Conc: 37.47 ng/ml



#36 AR-1262-1

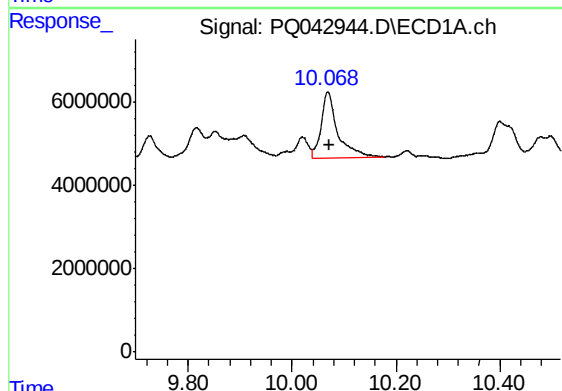
R.T.: 9.487 min
Delta R.T.: -0.001 min
Response: 10023849
Conc: 24.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ90



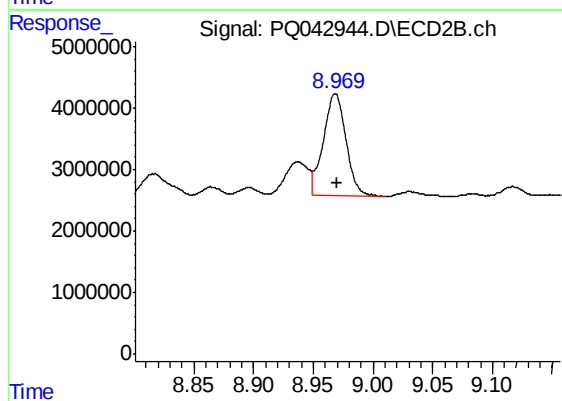
#36 AR-1262-1

R.T.: 8.439 min
Delta R.T.: -0.063 min
Response: 17776985
Conc: 95.97 ng/ml



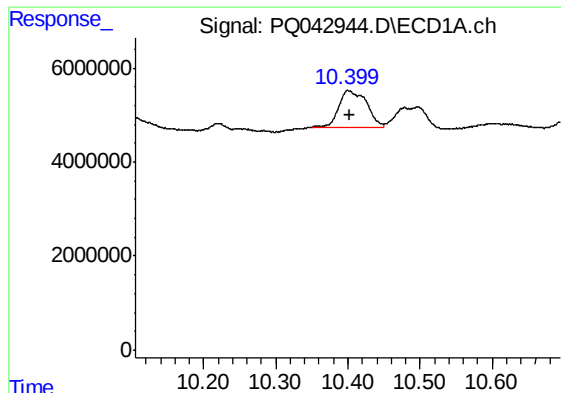
#37 AR-1262-2

R.T.: 10.069 min
Delta R.T.: -0.003 min
Response: 36190316
Conc: 45.25 ng/ml



#37 AR-1262-2

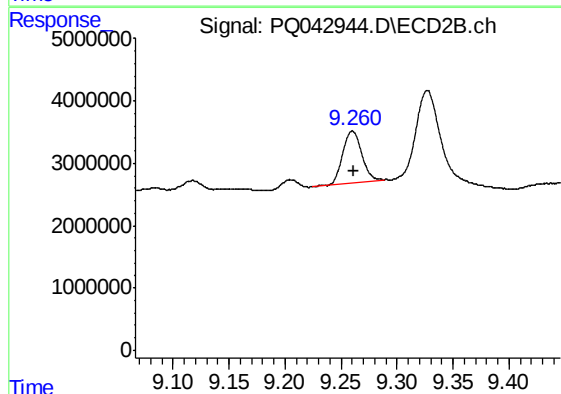
R.T.: 8.968 min
Delta R.T.: -0.002 min
Response: 21851782
Conc: 25.30 ng/ml



#38 AR-1262-3

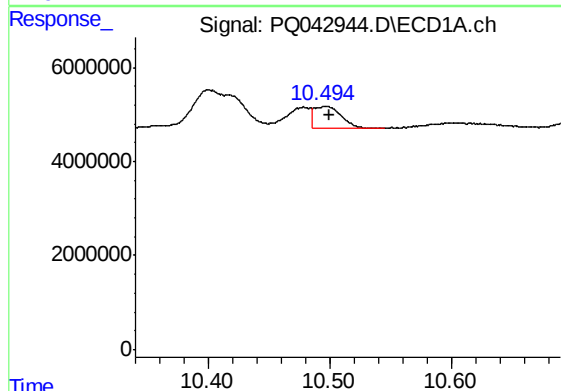
R.T.: 10.400 min
Delta R.T.: -0.002 min
Response: 21244447
Conc: 35.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ90



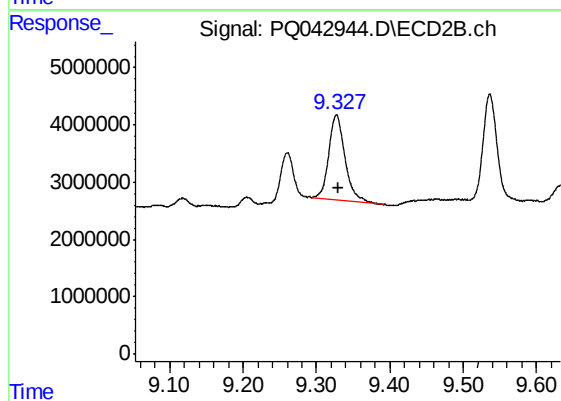
#38 AR-1262-3

R.T.: 9.260 min
Delta R.T.: 0.000 min
Response: 9667327
Conc: 25.80 ng/ml



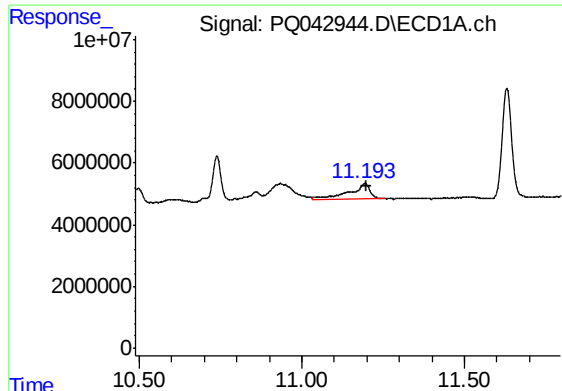
#39 AR-1262-4

R.T.: 10.497 min
Delta R.T.: -0.002 min
Response: 6931605
Conc: 13.92 ng/ml



#39 AR-1262-4

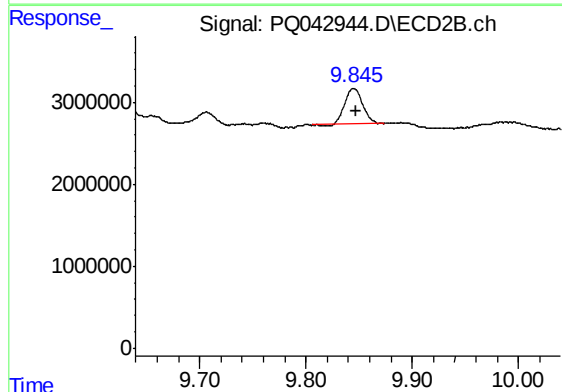
R.T.: 9.327 min
Delta R.T.: -0.002 min
Response: 22825780
Conc: 33.25 ng/ml



#40 AR-1262-5

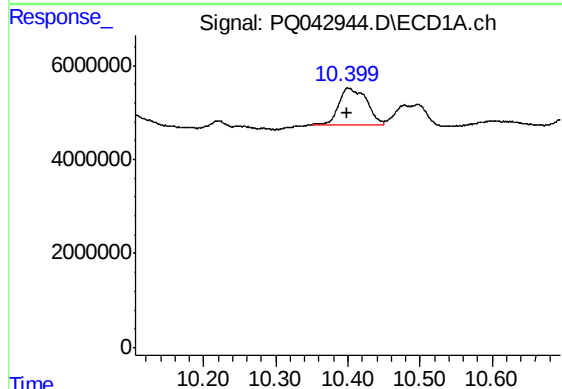
R.T.: 11.194 min
Delta R.T.: -0.004 min
Response: 23796585
Conc: 63.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ90



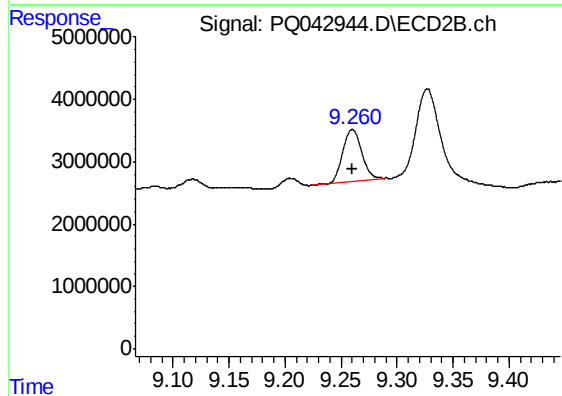
#40 AR-1262-5

R.T.: 9.845 min
Delta R.T.: -0.003 min
Response: 5063238
Conc: 15.41 ng/ml



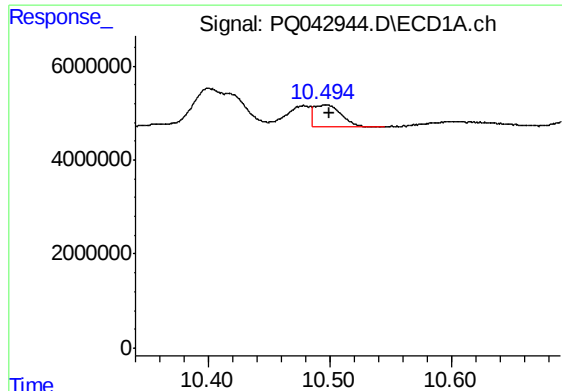
#41 AR-1268-1

R.T.: 10.400 min
Delta R.T.: 0.000 min
Response: 21244447
Conc: 19.77 ng/ml



#41 AR-1268-1

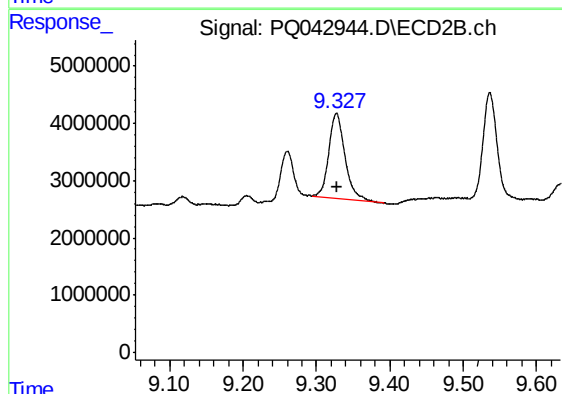
R.T.: 9.260 min
Delta R.T.: 0.000 min
Response: 9667327
Conc: 9.03 ng/ml



#42 AR-1268-2

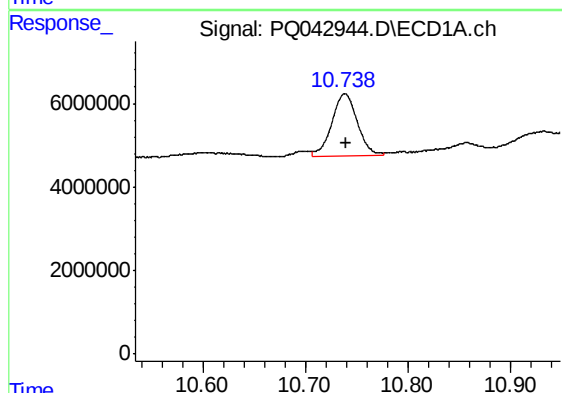
R.T.: 10.497 min
Delta R.T.: -0.002 min
Response: 6931605
Conc: 6.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ90



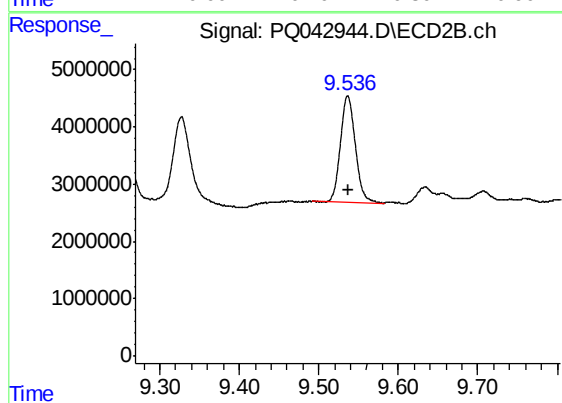
#42 AR-1268-2

R.T.: 9.327 min
Delta R.T.: 0.000 min
Response: 22825780
Conc: 22.21 ng/ml



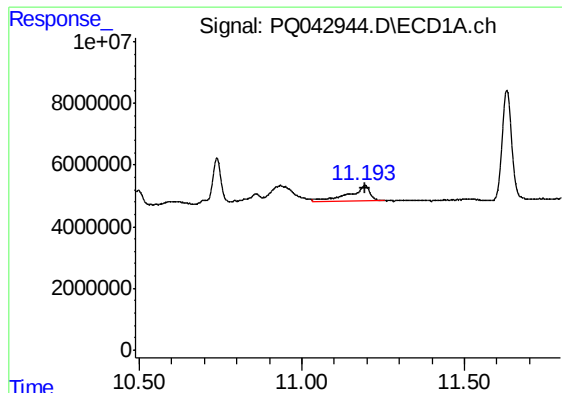
#43 AR-1268-3

R.T.: 10.739 min
Delta R.T.: -0.001 min
Response: 25998424
Conc: 27.16 ng/ml



#43 AR-1268-3

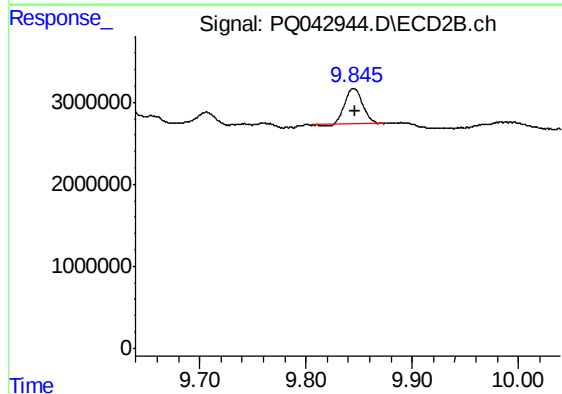
R.T.: 9.536 min
Delta R.T.: -0.002 min
Response: 24238842
Conc: 27.48 ng/ml



#44 AR-1268-4

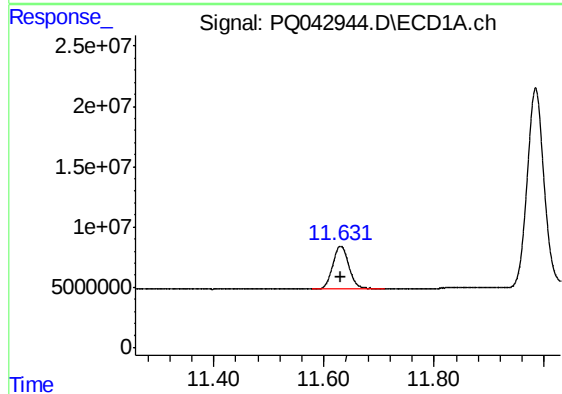
R.T.: 11.194 min
Delta R.T.: -0.003 min
Response: 23796585
Conc: 59.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ90



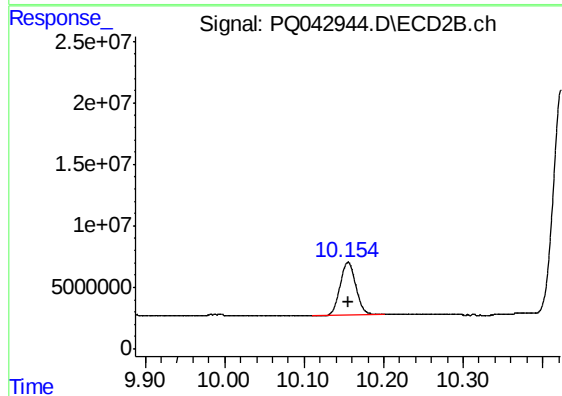
#44 AR-1268-4

R.T.: 9.845 min
Delta R.T.: 0.000 min
Response: 5063238
Conc: 14.21 ng/ml



#45 AR-1268-5

R.T.: 11.631 min
Delta R.T.: -0.001 min
Response: 73264858
Conc: 21.95 ng/ml



#45 AR-1268-5

R.T.: 10.155 min
Delta R.T.: -0.001 min
Response: 59261985
Conc: 21.19 ng/ml