

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072419\
 Data File : PQ041463.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2019 11:45
 Operator : SM\AJ
 Sample : K3850-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BENS3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 00:33:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 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...	5.703	4.760	43223918	36986165	11.291	12.304
2)	SA Decachlor...	12.109	10.525	225.6E6	100.0E6	21.813	21.956
Target Compounds							
3)	L1 AR-1016-1	7.185	0.000	25186264	0	144.307	N.D. #
4)	L1 AR-1016-2	7.185	0.000	25186264	0	95.503	N.D. #
5)	L1 AR-1016-3	7.248	6.454	7396501	3019961	45.721	26.748 #
6)	L1 AR-1016-4	7.354	6.505	3371159	26289248	25.014	288.369 #
7)	L1 AR-1016-5	7.691	6.757	21942958	21644963	164.898	180.104
10)	L2 AR-1221-3	0.000	5.358	0	23201022	N.D.	218.993 #
11)	L3 AR-1232-1	0.000	5.358	0	23201022	N.D.	305.827 #
13)	L3 AR-1232-3	7.185	6.454	25186264	3019961	222.531	62.742 #
14)	L3 AR-1232-4	7.354	6.553	3371159	16980514	57.034	393.845 #
15)	L3 AR-1232-5	7.463	6.757	32515516	21644963	881.062	447.473 #
16)	L4 AR-1242-1	7.185	0.000	25186264	0	201.073	N.D. #
17)	L4 AR-1242-2	7.185	0.000	25186264	0	132.257	N.D. #
18)	L4 AR-1242-3	7.248	6.454	7396501	3019961	62.558	36.188 #
19)	L4 AR-1242-4	7.354	6.553	3371159	16980514	34.393	208.478 #
20)	L4 AR-1242-5	8.182	7.167	33942691	35820688	256.023	286.957
21)	L5 AR-1248-1	7.185	0.000	25186264	0	271.526	N.D. #
22)	L5 AR-1248-2	7.463	6.505	32515516	26289248	264.229	234.694
23)	L5 AR-1248-3	7.691	6.553	21942958	16980514	139.732	147.110
24)	L5 AR-1248-4	8.139	6.757	8680983	21644963	40.188	149.527 #
25)	L5 AR-1248-5	8.182	7.214	33942691	24060524	159.386	142.978
26)	L6 AR-1254-1	8.110	7.167	32058690	35820688	158.157	140.857
27)	L6 AR-1254-2	8.349	7.335	102.4E6	35039413	296.513	153.153 #
28)	L6 AR-1254-3	8.742	7.783	72693489	78824754	175.425	194.203
29)	L6 AR-1254-4	9.044	8.031	50355052	35602967	139.131	130.323
30)	L6 AR-1254-5	9.483	8.478	67199878	46681175	167.360	116.915 #
31)	L7 AR-1260-1	8.915	7.925	22098665	42810050	73.147	160.968 #
32)	L7 AR-1260-2	9.184	8.127	40010790	27554351	87.290	75.939
33)	L7 AR-1260-3	9.559	8.292	33036502	24264367	77.808	77.270
34)	L7 AR-1260-4	9.798	8.791	117.7E6	12655399	279.520	44.455 #
35)	L7 AR-1260-5	10.153	9.042	152.5E6	47194825	142.693	63.469 #
36)	L8 AR-1262-1	9.622	8.575	25881687	11008887	105.418	57.237 #
37)	L8 AR-1262-2	10.153	9.042	152.5E6	47194825	125.556	56.174 #
38)	L8 AR-1262-3	0.000	9.337	0	11959790	N.D.	34.004 #
39)	L8 AR-1262-4	10.630	9.403	1720.2E6	24509027	2640.518	41.703 #
40)	L8 AR-1262-5	11.299	9.928	33819320	11266902	73.983	46.954 #
41)	L9 AR-1268-1	0.000	9.337	0	11959790	N.D.	10.467 #
42)	L9 AR-1268-2	10.630	9.403	1720.2E6	24509027	1078.070	25.222 #
43)	L9 AR-1268-3	10.833	9.611	27097527	3216038	19.276	4.029 #
44)	L9 AR-1268-4	11.299	9.928	33819320	11266902	59.578	36.715 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072419\
Data File : PQ041463.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2019 11:45
Operator : SM\AJ
Sample : K3850-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BENS3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 00:33:59 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45)	L9 AR-1268-5	11.745	10.246	18050515	7435478	4.167	3.763

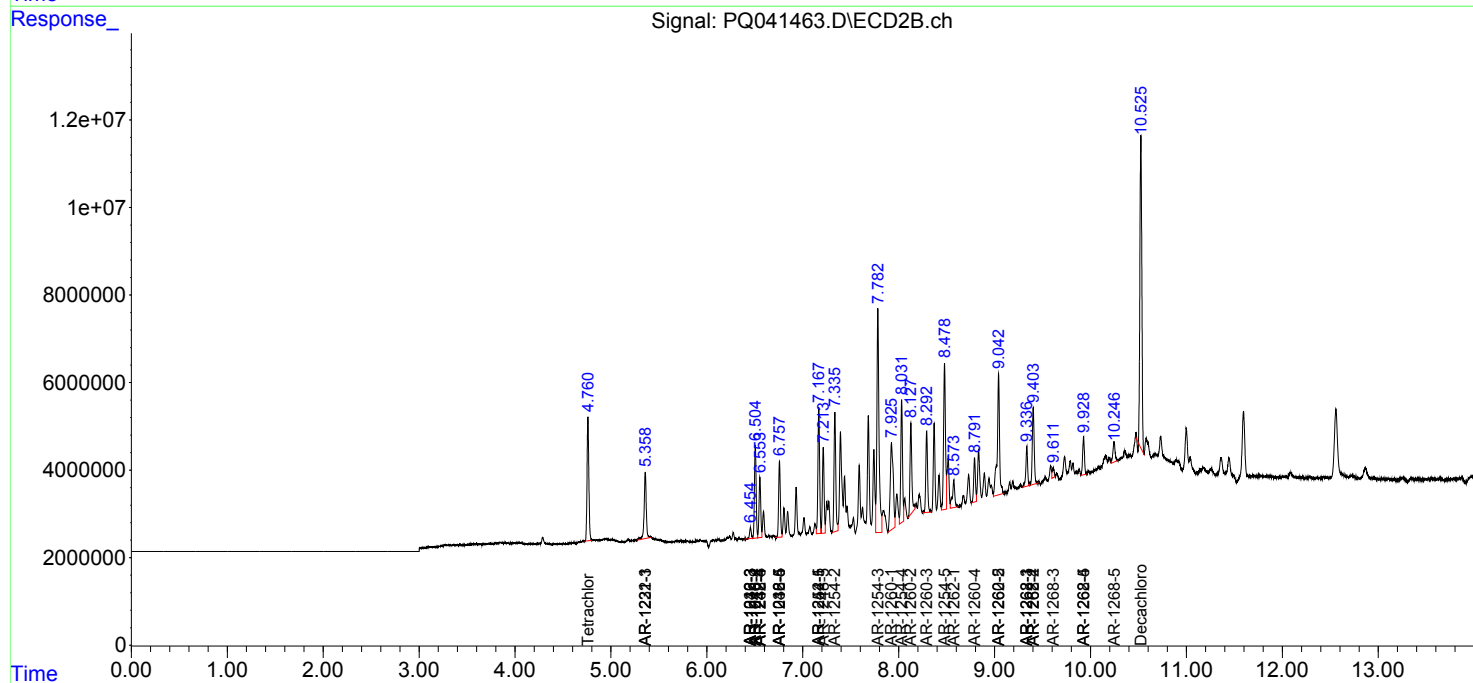
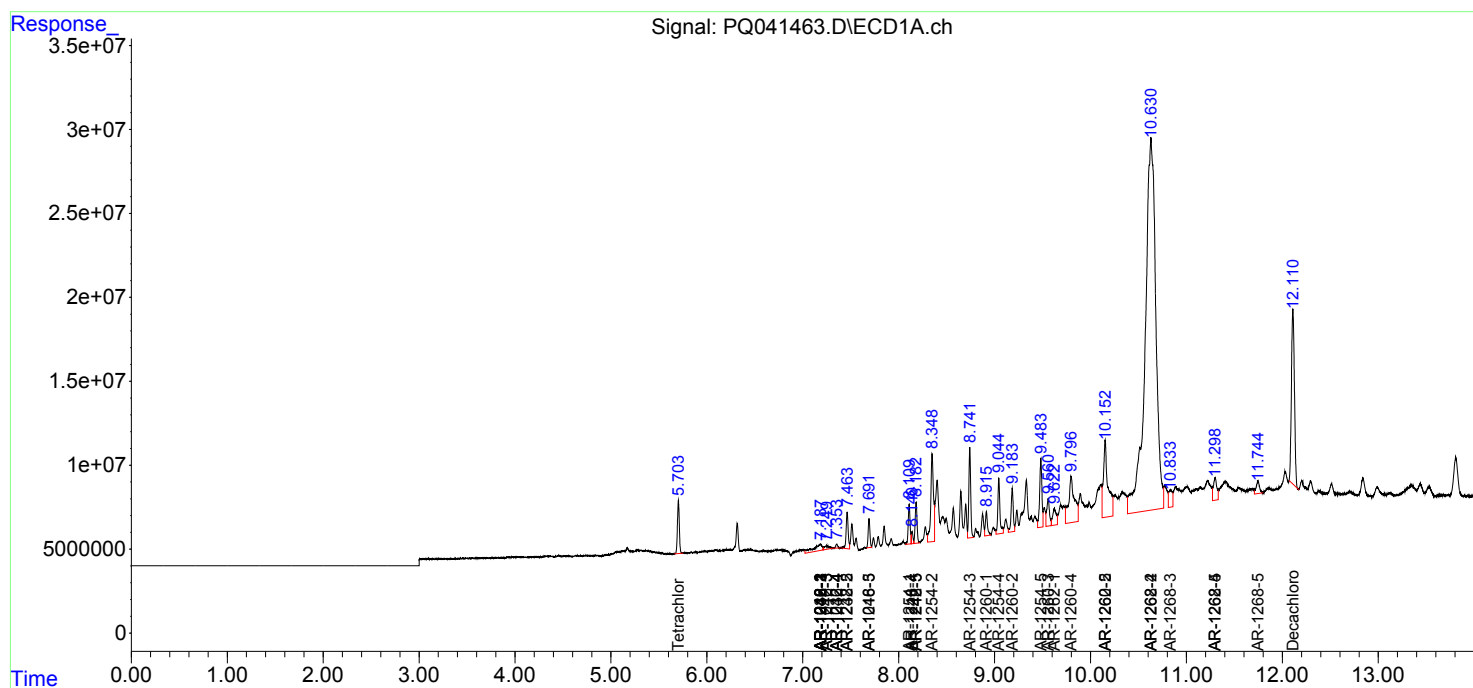
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

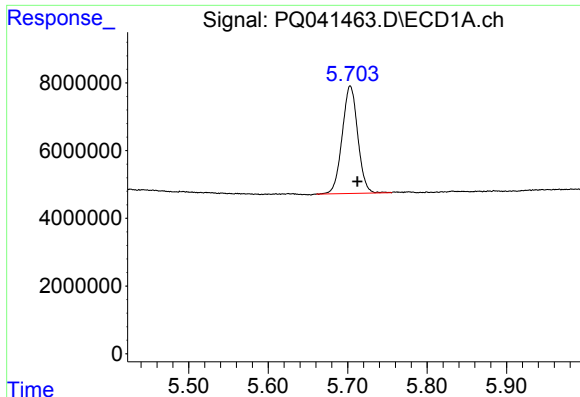
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072419\
Data File : PQ041463.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2019 11:45
Operator : SM\AJ
Sample : K3850-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BENS3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 00:33:59 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 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

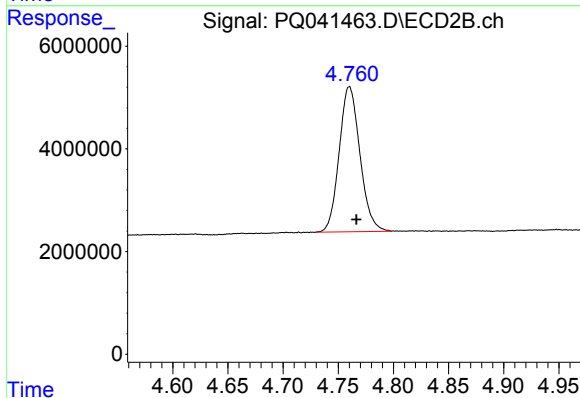




#1 Tetrachloro-m-xylene

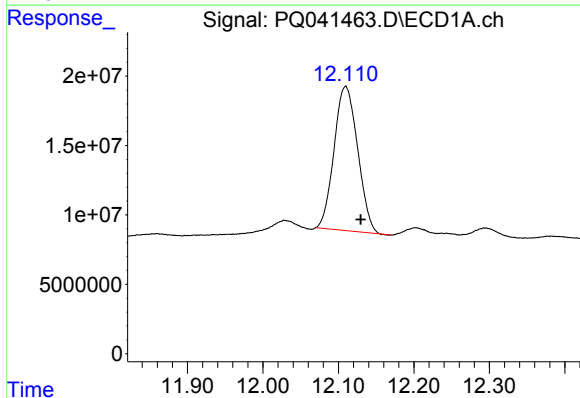
R.T.: 5.703 min
Delta R.T.: -0.009 min
Response: 43223918
Conc: 11.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS3



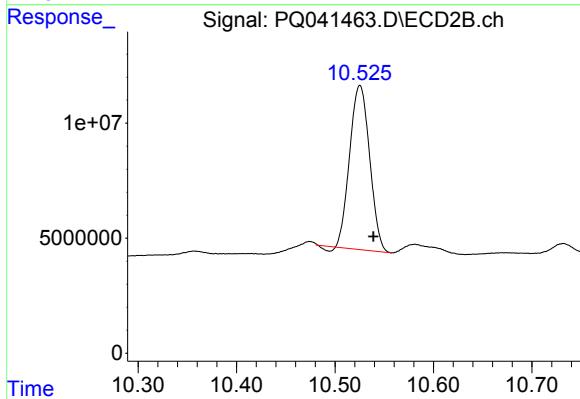
#1 Tetrachloro-m-xylene

R.T.: 4.760 min
Delta R.T.: -0.006 min
Response: 36986165
Conc: 12.30 ng/ml



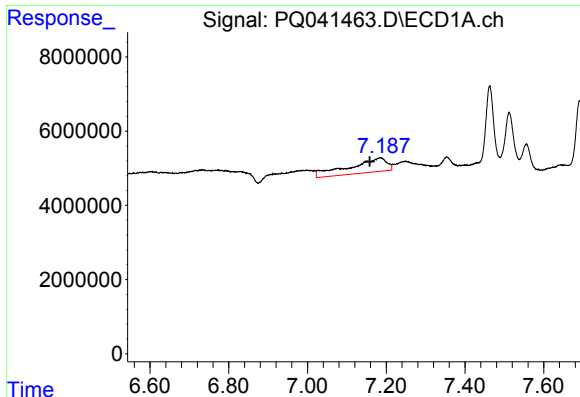
#2 Decachlorobiphenyl

R.T.: 12.109 min
Delta R.T.: -0.020 min
Response: 225632267
Conc: 21.81 ng/ml



#2 Decachlorobiphenyl

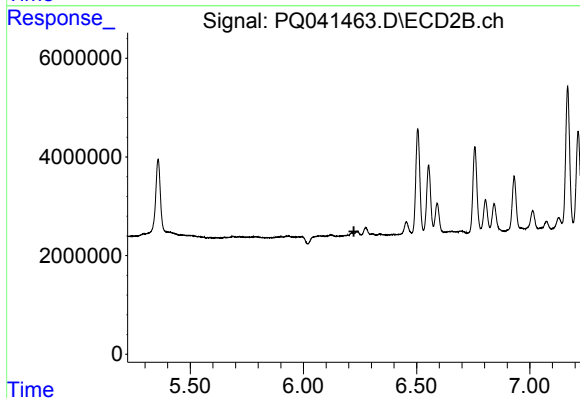
R.T.: 10.525 min
Delta R.T.: -0.014 min
Response: 100047448
Conc: 21.96 ng/ml



#3 AR-1016-1

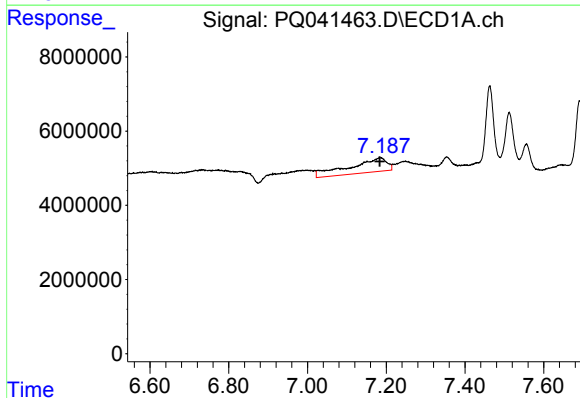
R.T.: 7.185 min
Delta R.T.: 0.026 min
Response: 25186264
Conc: 144.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS3



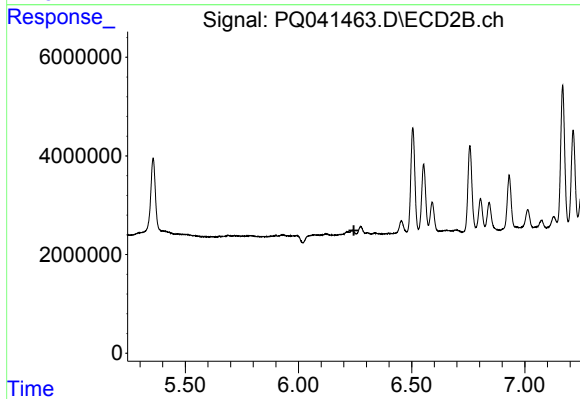
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 6.223 min
Response: 0
Conc: N.D.



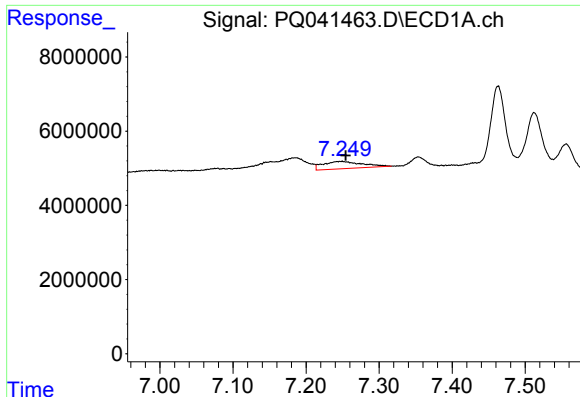
#4 AR-1016-2

R.T.: 7.185 min
Delta R.T.: 0.002 min
Response: 25186264
Conc: 95.50 ng/ml



#4 AR-1016-2

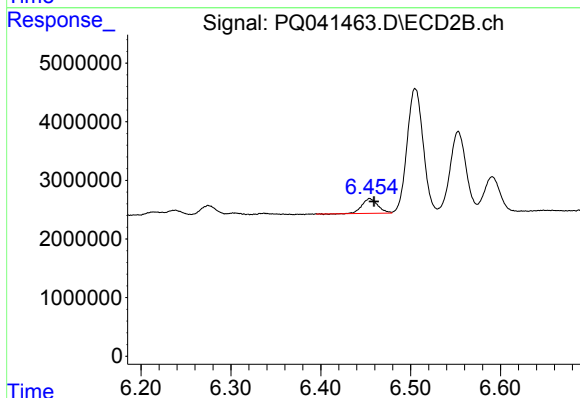
R.T.: 0.000 min
Exp R.T. : 6.245 min
Response: 0
Conc: N.D.



#5 AR-1016-3

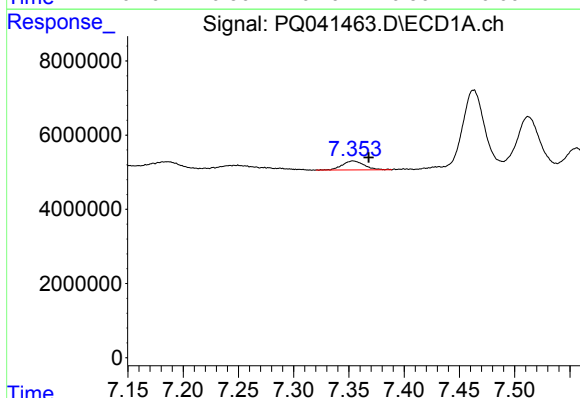
R.T.: 7.248 min
Delta R.T.: -0.007 min
Response: 7396501
Conc: 45.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS3



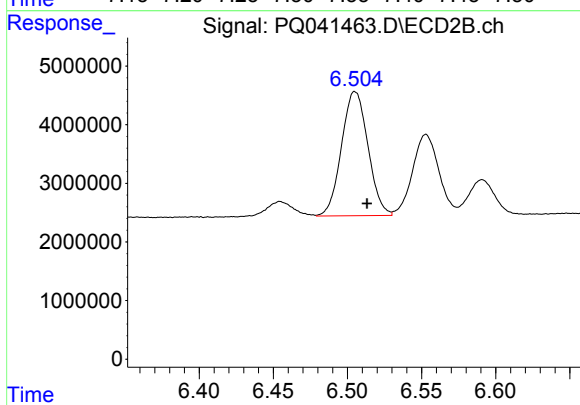
#5 AR-1016-3

R.T.: 6.454 min
Delta R.T.: -0.005 min
Response: 3019961
Conc: 26.75 ng/ml



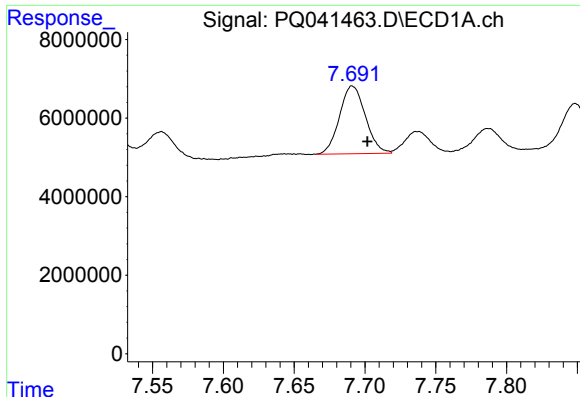
#6 AR-1016-4

R.T.: 7.354 min
Delta R.T.: -0.014 min
Response: 3371159
Conc: 25.01 ng/ml



#6 AR-1016-4

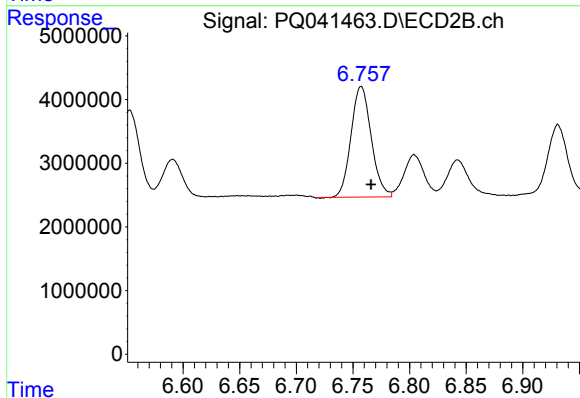
R.T.: 6.505 min
Delta R.T.: -0.008 min
Response: 26289248
Conc: 288.37 ng/ml



#7 AR-1016-5

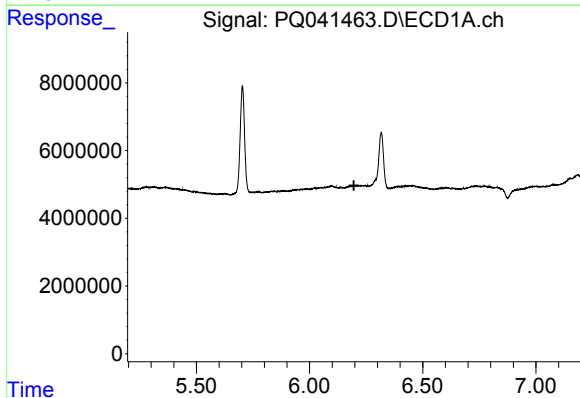
R.T.: 7.691 min
Delta R.T.: -0.010 min
Response: 21942958
Conc: 164.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS3



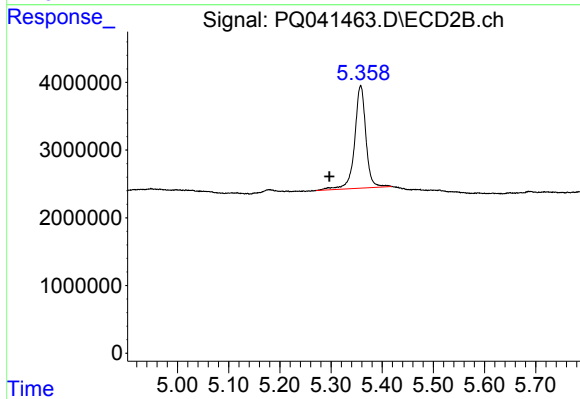
#7 AR-1016-5

R.T.: 6.757 min
Delta R.T.: -0.009 min
Response: 21644963
Conc: 180.10 ng/ml



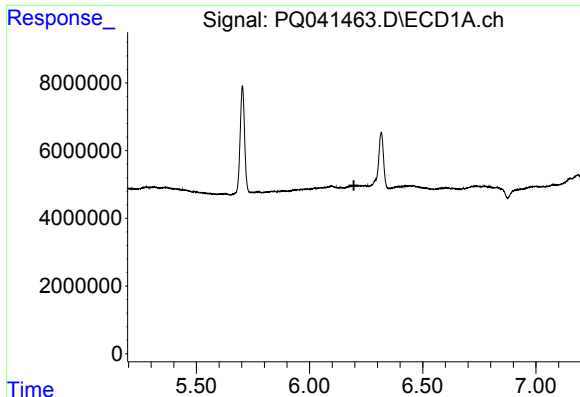
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.196 min
Response: 0
Conc: N.D.



#10 AR-1221-3

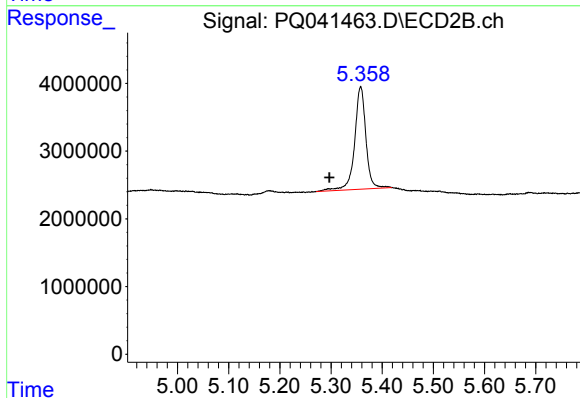
R.T.: 5.358 min
Delta R.T.: 0.061 min
Response: 23201022
Conc: 218.99 ng/ml



#11 AR-1232-1

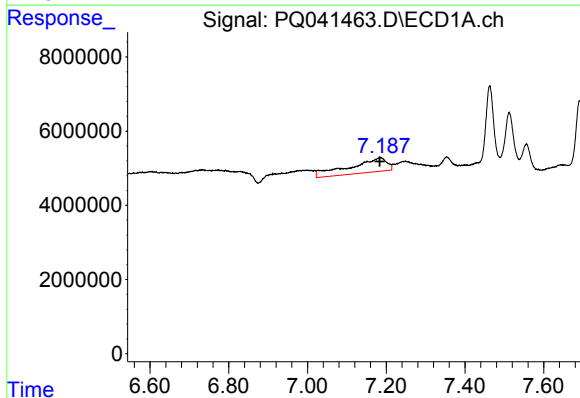
R.T.: 0.000 min
Exp R.T.: 6.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENS3



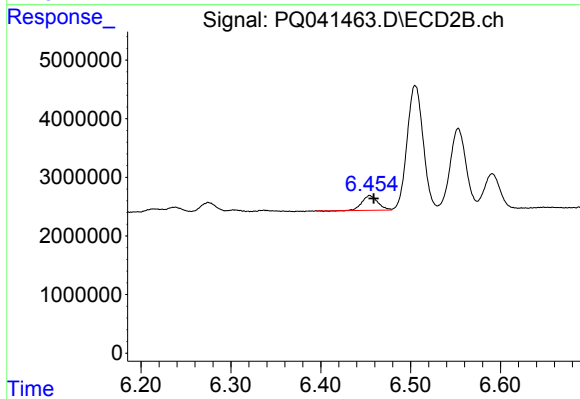
#11 AR-1232-1

R.T.: 5.358 min
Delta R.T.: 0.061 min
Response: 23201022
Conc: 305.83 ng/ml



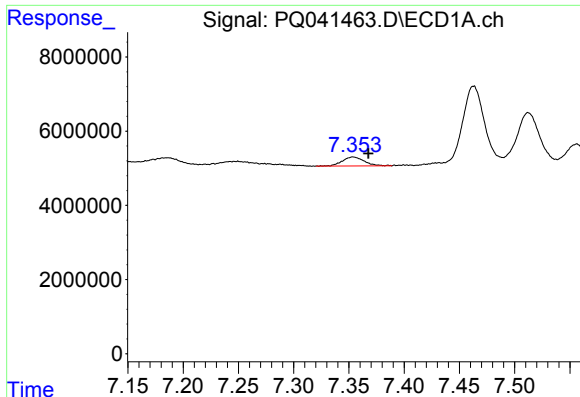
#13 AR-1232-3

R.T.: 7.185 min
Delta R.T.: 0.002 min
Response: 25186264
Conc: 222.53 ng/ml



#13 AR-1232-3

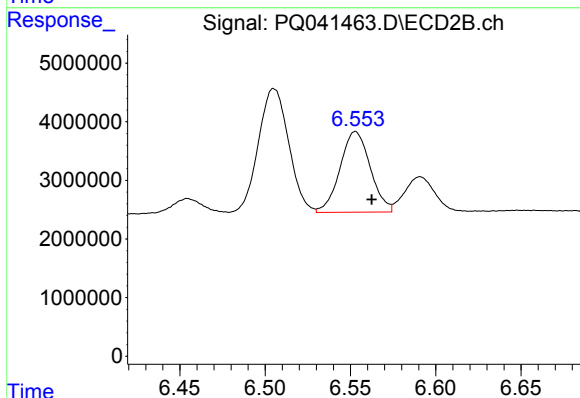
R.T.: 6.454 min
Delta R.T.: -0.004 min
Response: 3019961
Conc: 62.74 ng/ml



#14 AR-1232-4

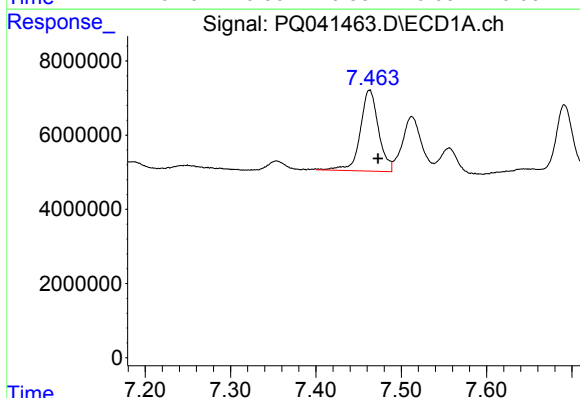
R.T.: 7.354 min
Delta R.T.: -0.014 min
Response: 3371159
Conc: 57.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS3



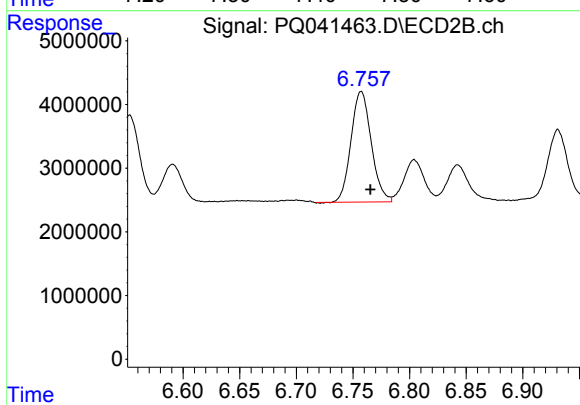
#14 AR-1232-4

R.T.: 6.553 min
Delta R.T.: -0.009 min
Response: 16980514
Conc: 393.85 ng/ml



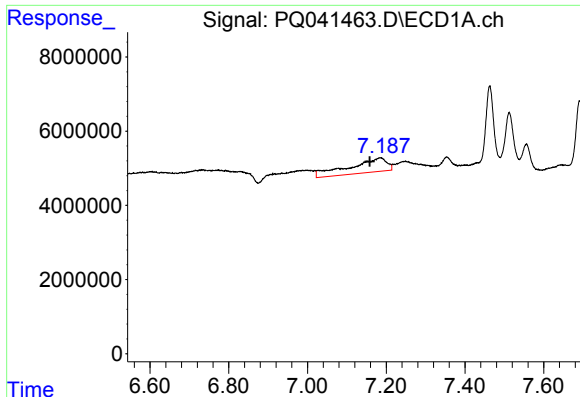
#15 AR-1232-5

R.T.: 7.463 min
Delta R.T.: -0.010 min
Response: 32515516
Conc: 881.06 ng/ml



#15 AR-1232-5

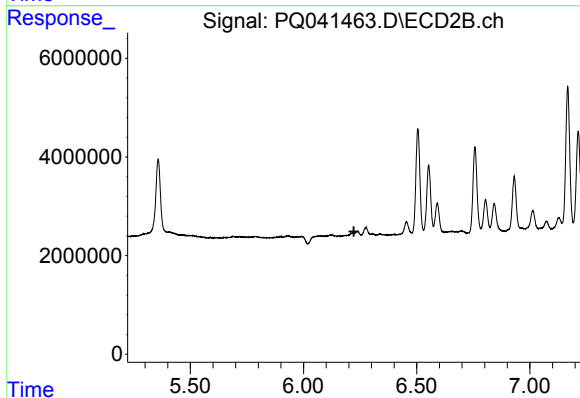
R.T.: 6.757 min
Delta R.T.: -0.008 min
Response: 21644963
Conc: 447.47 ng/ml



#16 AR-1242-1

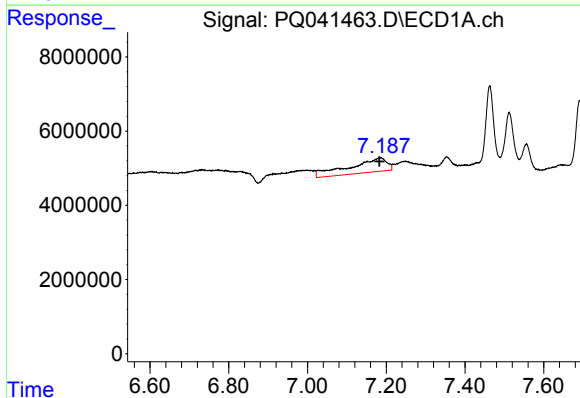
R.T.: 7.185 min
Delta R.T.: 0.027 min
Response: 25186264
Conc: 201.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS3



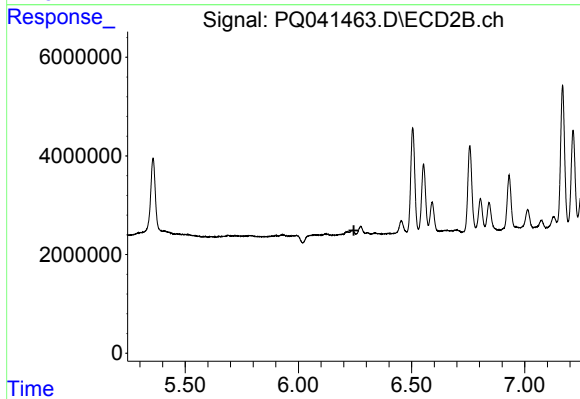
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.222 min
Response: 0
Conc: N.D.



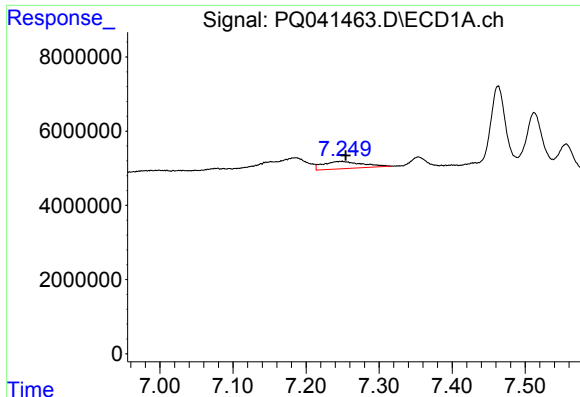
#17 AR-1242-2

R.T.: 7.185 min
Delta R.T.: 0.002 min
Response: 25186264
Conc: 132.26 ng/ml



#17 AR-1242-2

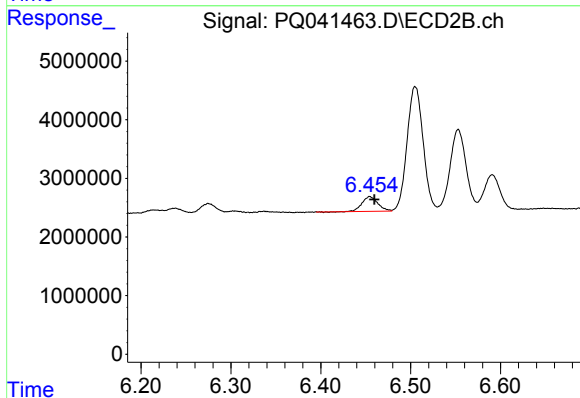
R.T.: 0.000 min
Exp R.T. : 6.245 min
Response: 0
Conc: N.D.



#18 AR-1242-3

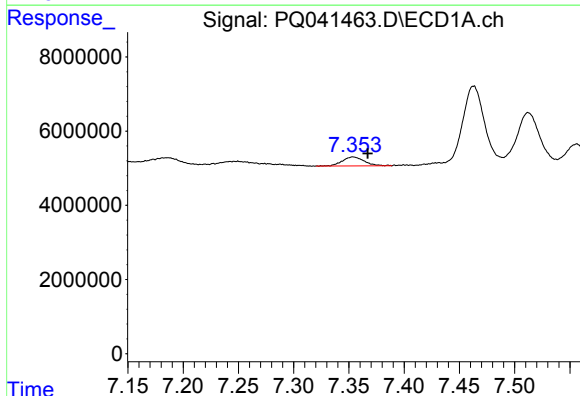
R.T.: 7.248 min
Delta R.T.: -0.007 min
Response: 7396501
Conc: 62.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS3



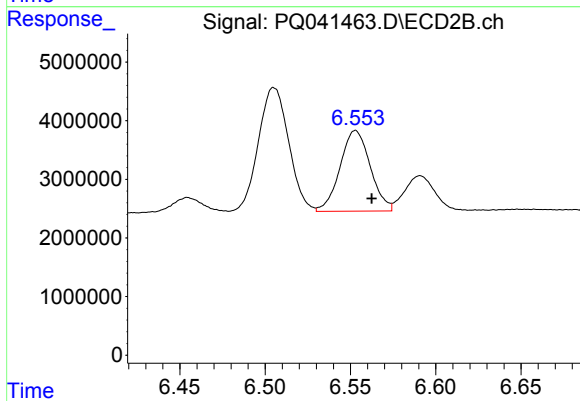
#18 AR-1242-3

R.T.: 6.454 min
Delta R.T.: -0.005 min
Response: 3019961
Conc: 36.19 ng/ml



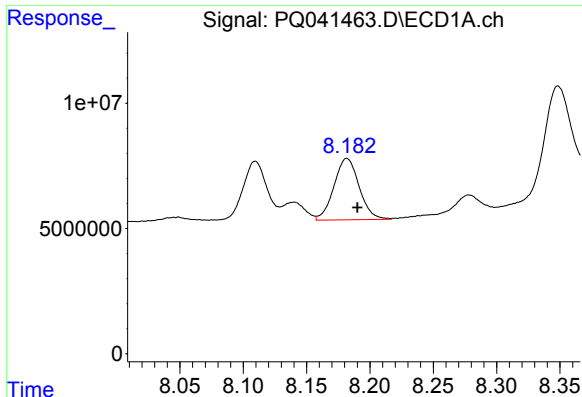
#19 AR-1242-4

R.T.: 7.354 min
Delta R.T.: -0.013 min
Response: 3371159
Conc: 34.39 ng/ml



#19 AR-1242-4

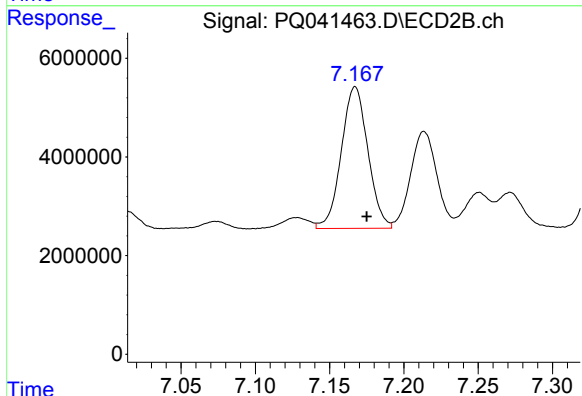
R.T.: 6.553 min
Delta R.T.: -0.009 min
Response: 16980514
Conc: 208.48 ng/ml



#20 AR-1242-5

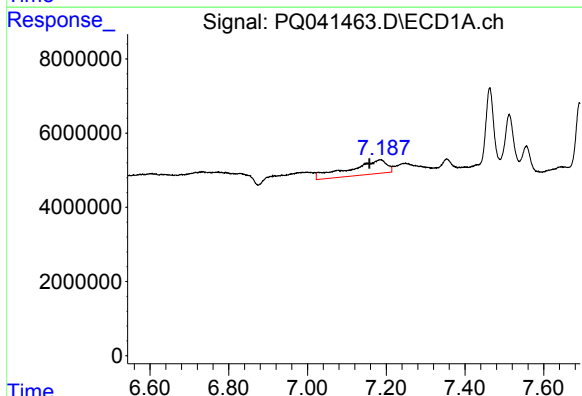
R.T.: 8.182 min
Delta R.T.: -0.008 min
Response: 33942691
Conc: 256.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS3



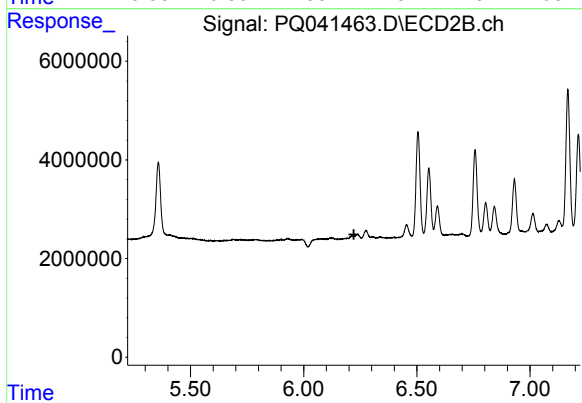
#20 AR-1242-5

R.T.: 7.167 min
Delta R.T.: -0.008 min
Response: 35820688
Conc: 286.96 ng/ml



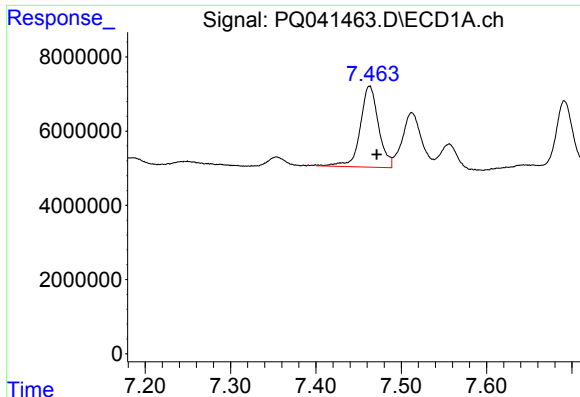
#21 AR-1248-1

R.T.: 7.185 min
Delta R.T.: 0.027 min
Response: 25186264
Conc: 271.53 ng/ml



#21 AR-1248-1

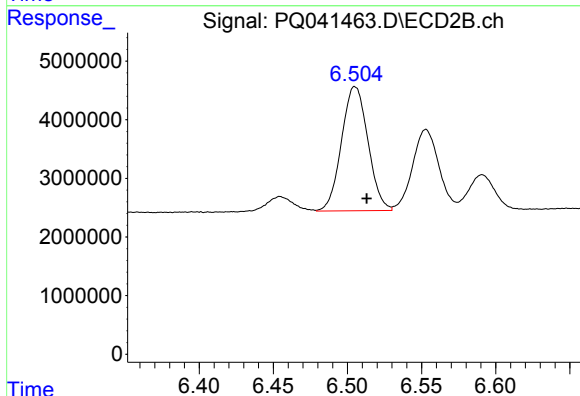
R.T.: 0.000 min
Exp R.T.: 6.222 min
Response: 0
Conc: N.D.



#22 AR-1248-2

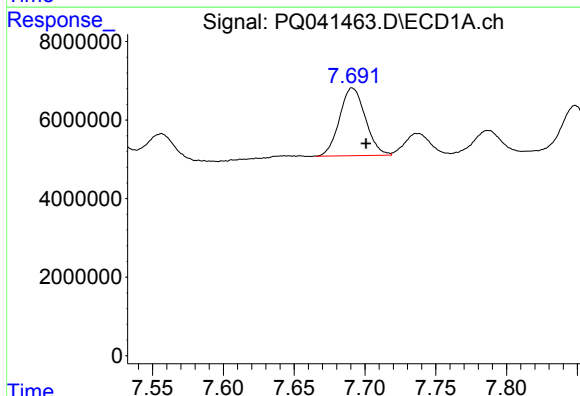
R.T.: 7.463 min
Delta R.T.: -0.008 min
Response: 32515516
Conc: 264.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS3



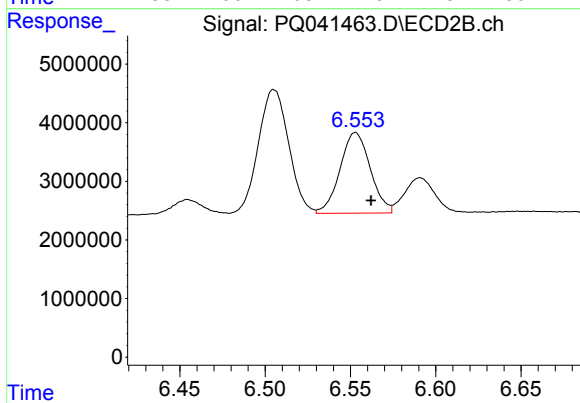
#22 AR-1248-2

R.T.: 6.505 min
Delta R.T.: -0.008 min
Response: 26289248
Conc: 234.69 ng/ml



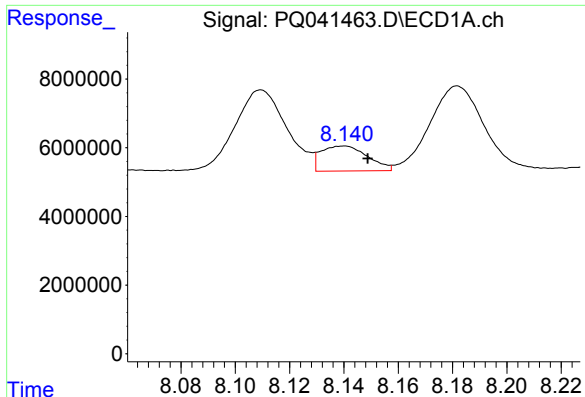
#23 AR-1248-3

R.T.: 7.691 min
Delta R.T.: -0.010 min
Response: 21942958
Conc: 139.73 ng/ml



#23 AR-1248-3

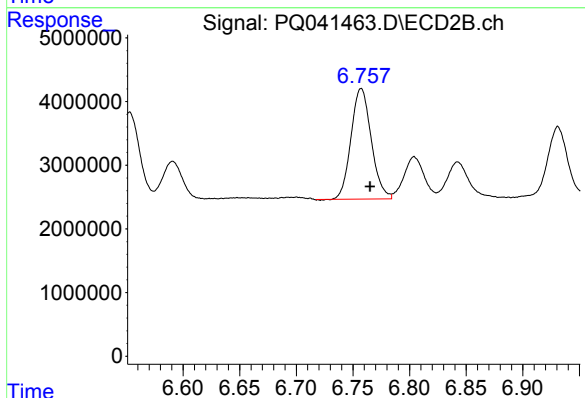
R.T.: 6.553 min
Delta R.T.: -0.009 min
Response: 16980514
Conc: 147.11 ng/ml



#24 AR-1248-4

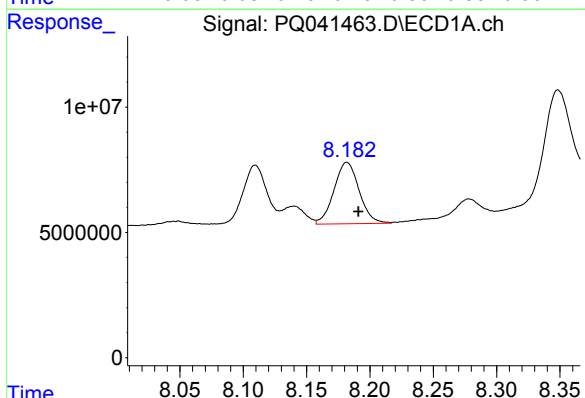
R.T.: 8.139 min
Delta R.T.: -0.009 min
Response: 8680983
Conc: 40.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS3



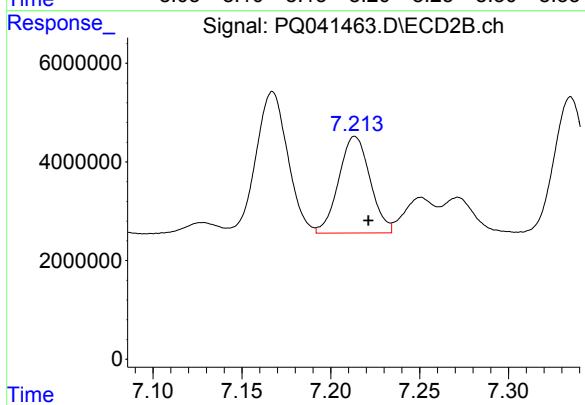
#24 AR-1248-4

R.T.: 6.757 min
Delta R.T.: -0.008 min
Response: 21644963
Conc: 149.53 ng/ml



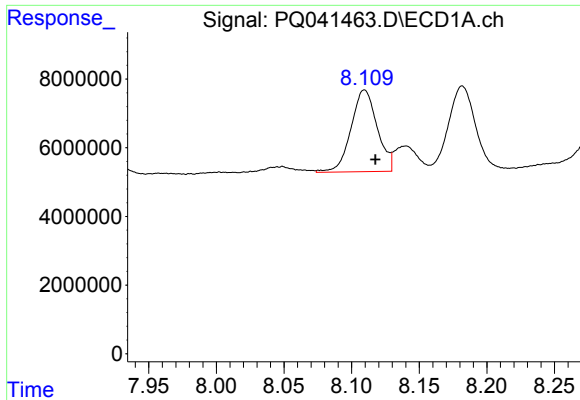
#25 AR-1248-5

R.T.: 8.182 min
Delta R.T.: -0.009 min
Response: 33942691
Conc: 159.39 ng/ml



#25 AR-1248-5

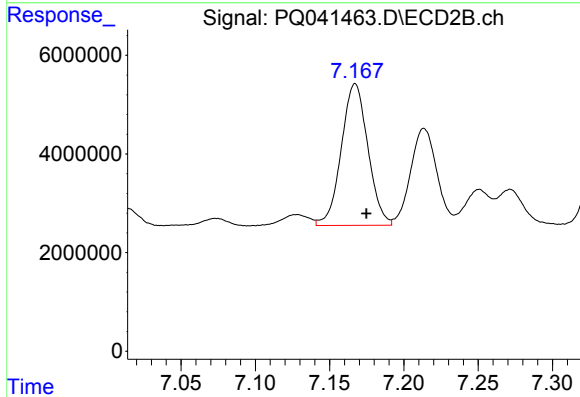
R.T.: 7.214 min
Delta R.T.: -0.008 min
Response: 24060524
Conc: 142.98 ng/ml



#26 AR-1254-1

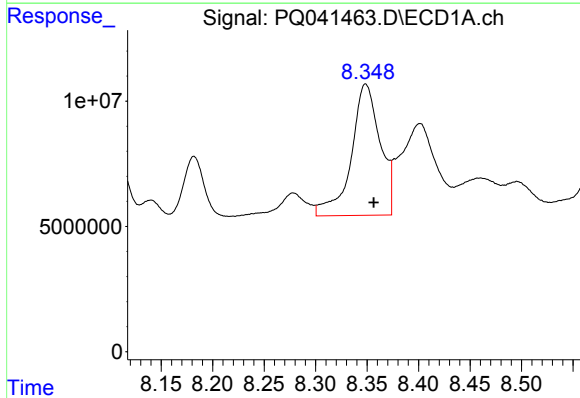
R.T.: 8.110 min
Delta R.T.: -0.008 min
Response: 32058690
Conc: 158.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS3



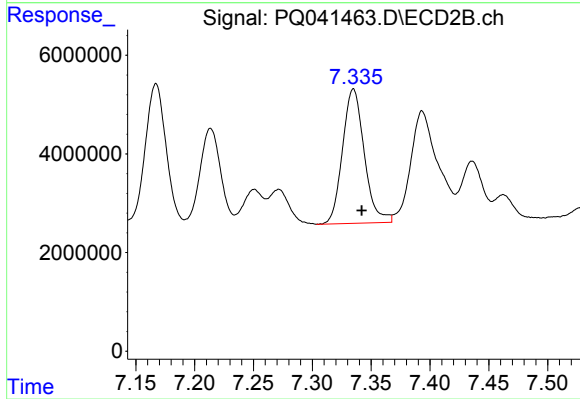
#26 AR-1254-1

R.T.: 7.167 min
Delta R.T.: -0.008 min
Response: 35820688
Conc: 140.86 ng/ml



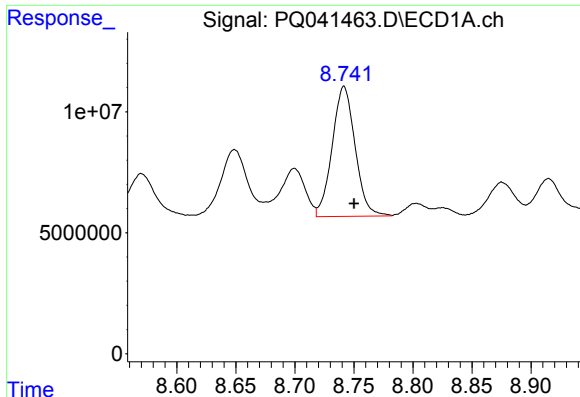
#27 AR-1254-2

R.T.: 8.349 min
Delta R.T.: -0.008 min
Response: 102413705
Conc: 296.51 ng/ml



#27 AR-1254-2

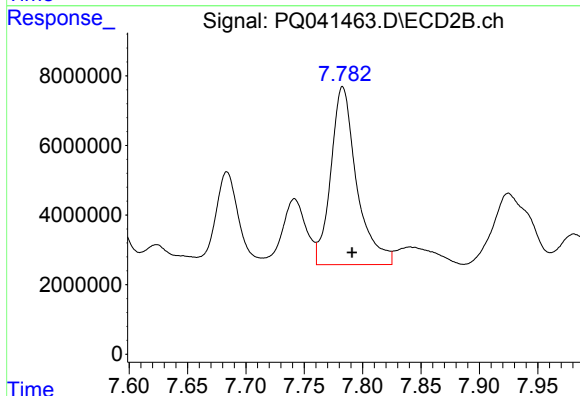
R.T.: 7.335 min
Delta R.T.: -0.007 min
Response: 35039413
Conc: 153.15 ng/ml



#28 AR-1254-3

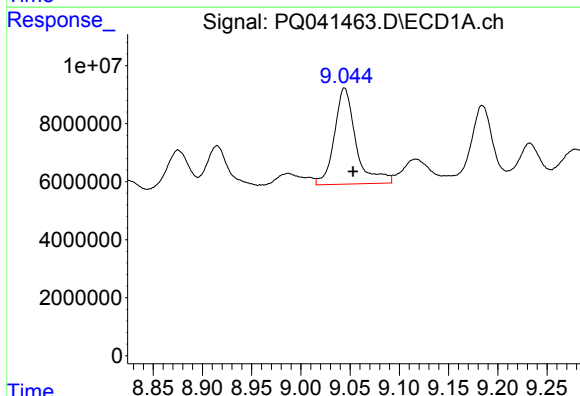
R.T.: 8.742 min
Delta R.T.: -0.009 min
Response: 72693489
Conc: 175.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS3



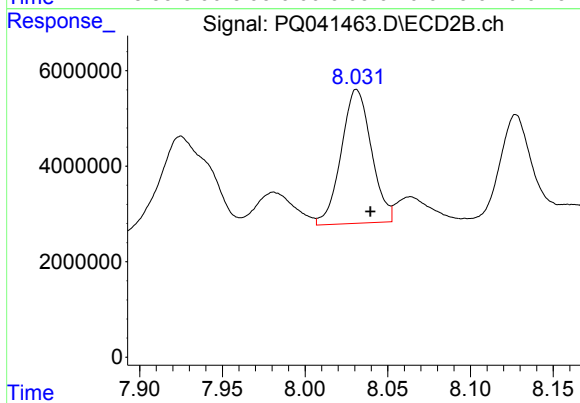
#28 AR-1254-3

R.T.: 7.783 min
Delta R.T.: -0.008 min
Response: 78824754
Conc: 194.20 ng/ml



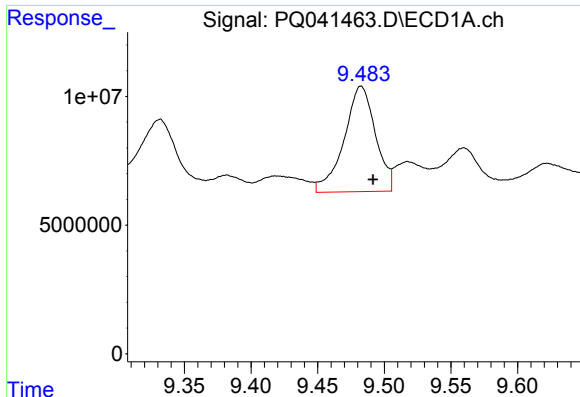
#29 AR-1254-4

R.T.: 9.044 min
Delta R.T.: -0.008 min
Response: 50355052
Conc: 139.13 ng/ml



#29 AR-1254-4

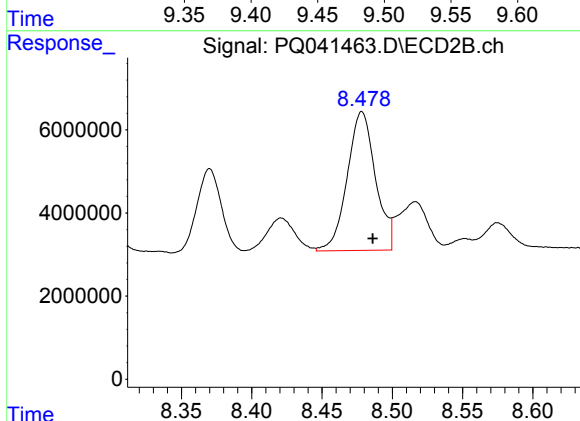
R.T.: 8.031 min
Delta R.T.: -0.008 min
Response: 35602967
Conc: 130.32 ng/ml



#30 AR-1254-5

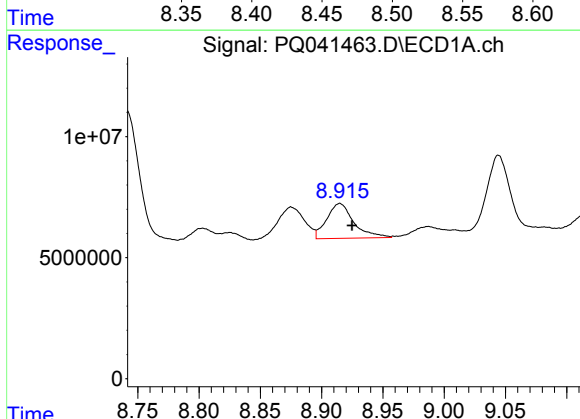
R.T.: 9.483 min
Delta R.T.: -0.009 min
Response: 67199878
Conc: 167.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS3



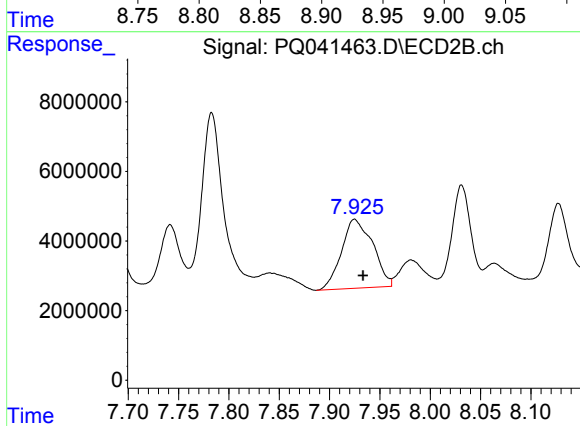
#30 AR-1254-5

R.T.: 8.478 min
Delta R.T.: -0.008 min
Response: 46681175
Conc: 116.92 ng/ml



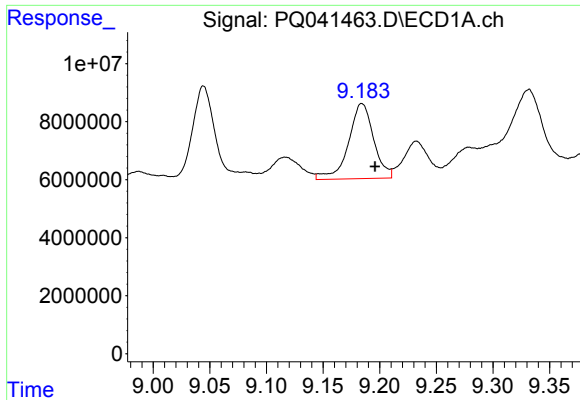
#31 AR-1260-1

R.T.: 8.915 min
Delta R.T.: -0.010 min
Response: 22098665
Conc: 73.15 ng/ml



#31 AR-1260-1

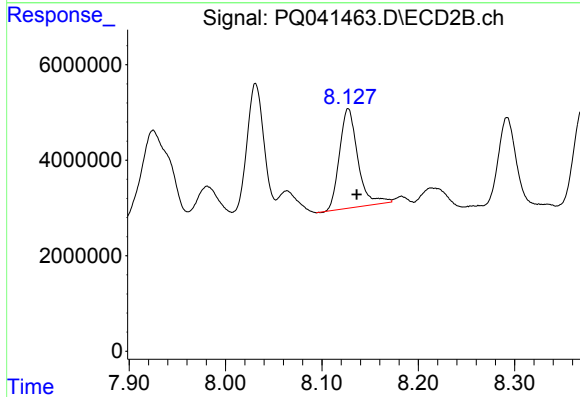
R.T.: 7.925 min
Delta R.T.: -0.009 min
Response: 42810050
Conc: 160.97 ng/ml



#32 AR-1260-2

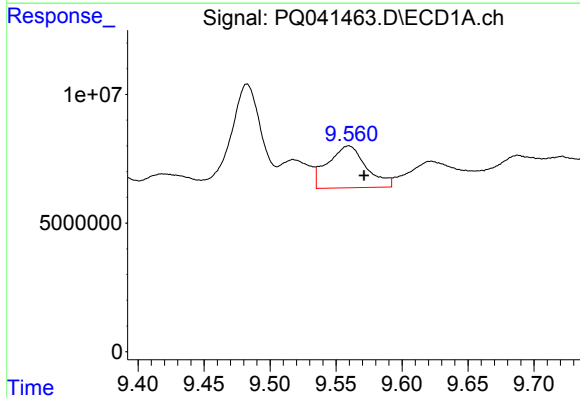
R.T.: 9.184 min
Delta R.T.: -0.012 min
Response: 40010790
Conc: 87.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS3



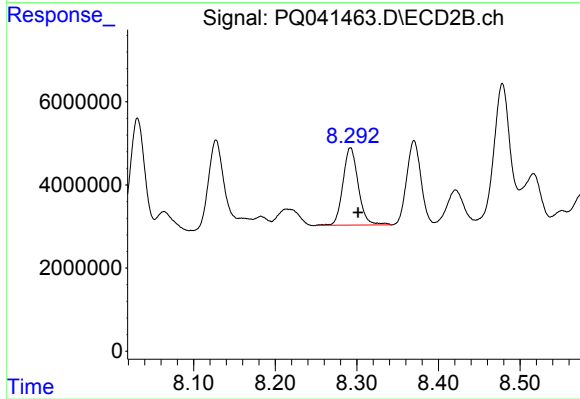
#32 AR-1260-2

R.T.: 8.127 min
Delta R.T.: -0.009 min
Response: 27554351
Conc: 75.94 ng/ml



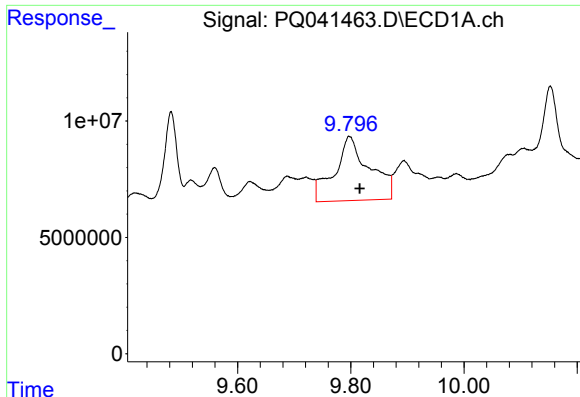
#33 AR-1260-3

R.T.: 9.559 min
Delta R.T.: -0.012 min
Response: 33036502
Conc: 77.81 ng/ml



#33 AR-1260-3

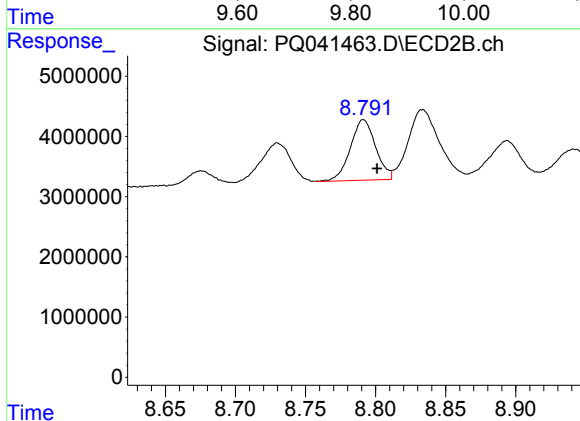
R.T.: 8.292 min
Delta R.T.: -0.009 min
Response: 24264367
Conc: 77.27 ng/ml



#34 AR-1260-4

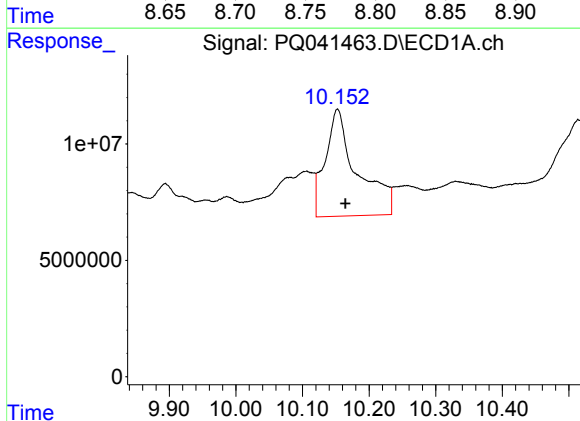
R.T.: 9.798 min
Delta R.T.: -0.018 min
Response: 117663570
Conc: 279.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS3



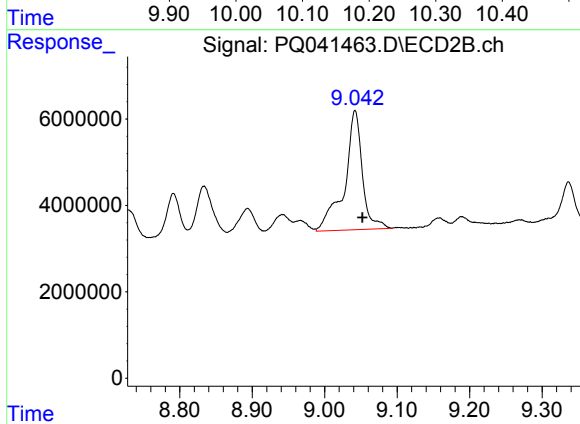
#34 AR-1260-4

R.T.: 8.791 min
Delta R.T.: -0.010 min
Response: 12655399
Conc: 44.45 ng/ml



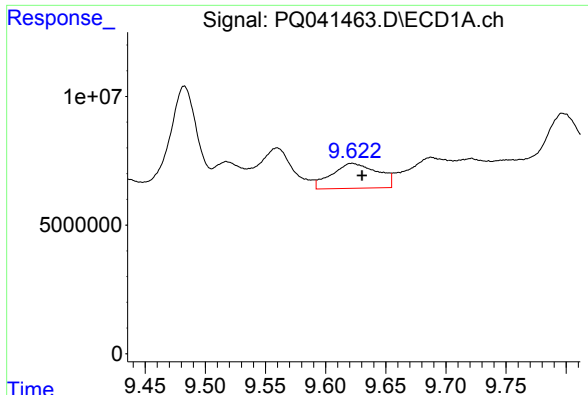
#35 AR-1260-5

R.T.: 10.153 min
Delta R.T.: -0.012 min
Response: 152479359
Conc: 142.69 ng/ml



#35 AR-1260-5

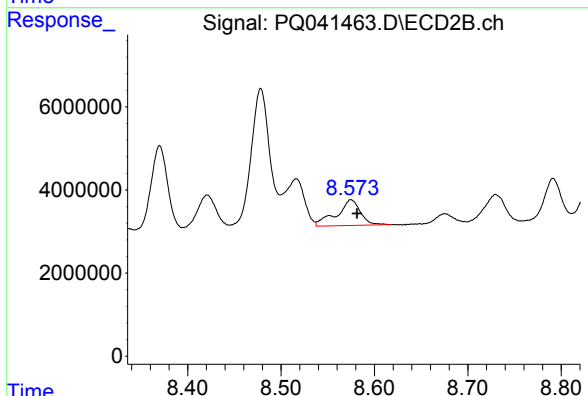
R.T.: 9.042 min
Delta R.T.: -0.010 min
Response: 47194825
Conc: 63.47 ng/ml



#36 AR-1262-1

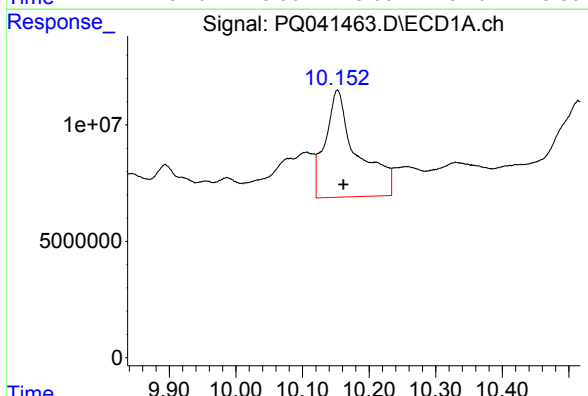
R.T.: 9.622 min
Delta R.T.: -0.008 min
Response: 25881687
Conc: 105.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS3



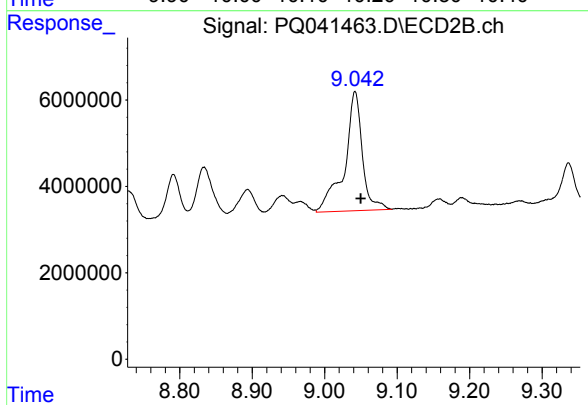
#36 AR-1262-1

R.T.: 8.575 min
Delta R.T.: -0.007 min
Response: 11008887
Conc: 57.24 ng/ml



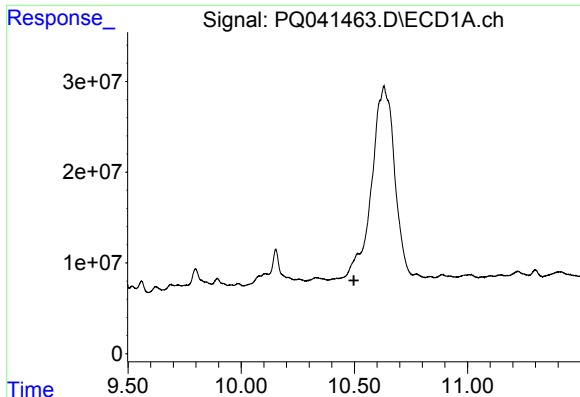
#37 AR-1262-2

R.T.: 10.153 min
Delta R.T.: -0.009 min
Response: 152479359
Conc: 125.56 ng/ml



#37 AR-1262-2

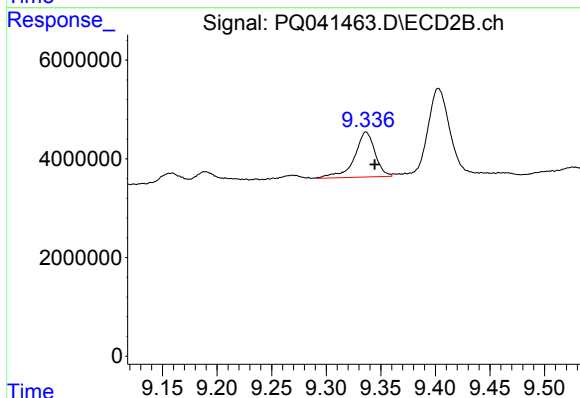
R.T.: 9.042 min
Delta R.T.: -0.008 min
Response: 47194825
Conc: 56.17 ng/ml



#38 AR-1262-3

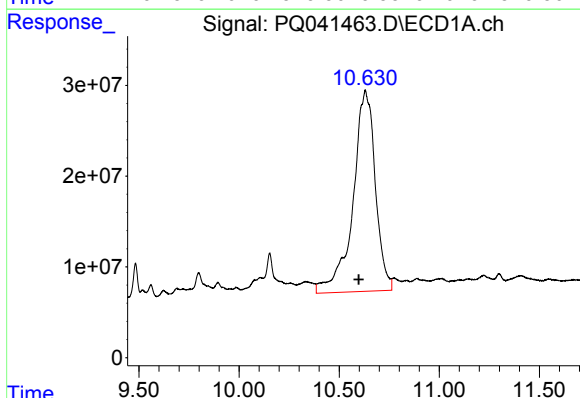
R.T.: 0.000 min
Exp R.T.: 10.498 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENS3



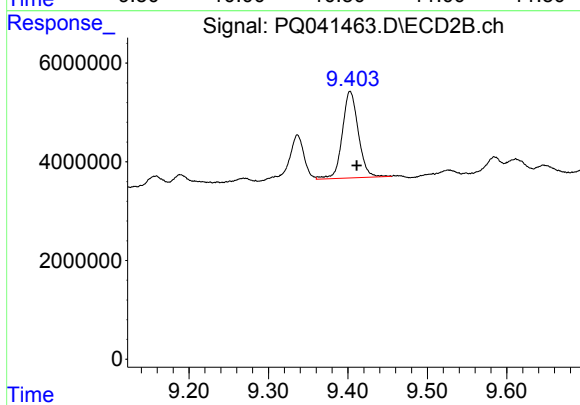
#38 AR-1262-3

R.T.: 9.337 min
Delta R.T.: -0.008 min
Response: 11959790
Conc: 34.00 ng/ml



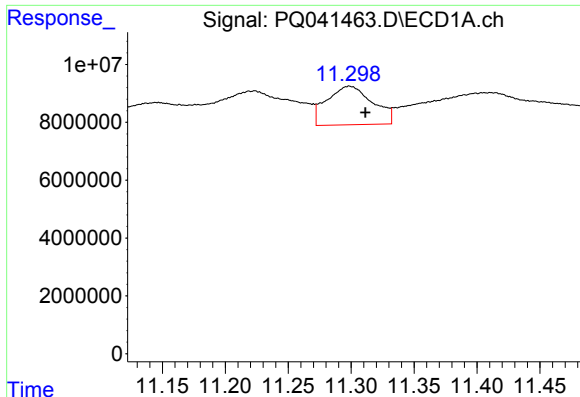
#39 AR-1262-4

R.T.: 10.630 min
Delta R.T.: 0.033 min
Response: 1720213488
Conc: 2640.52 ng/ml



#39 AR-1262-4

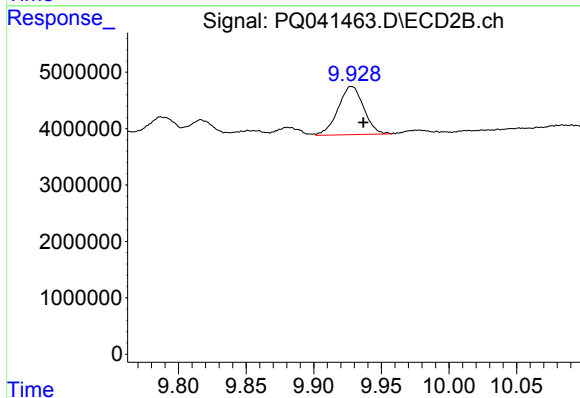
R.T.: 9.403 min
Delta R.T.: -0.008 min
Response: 24509027
Conc: 41.70 ng/ml



#40 AR-1262-5

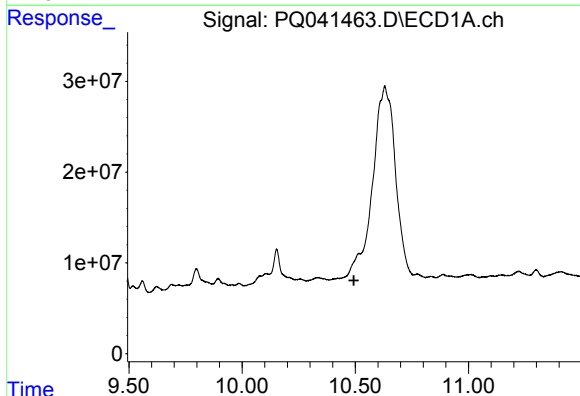
R.T.: 11.299 min
Delta R.T.: -0.013 min
Response: 33819320
Conc: 73.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS3



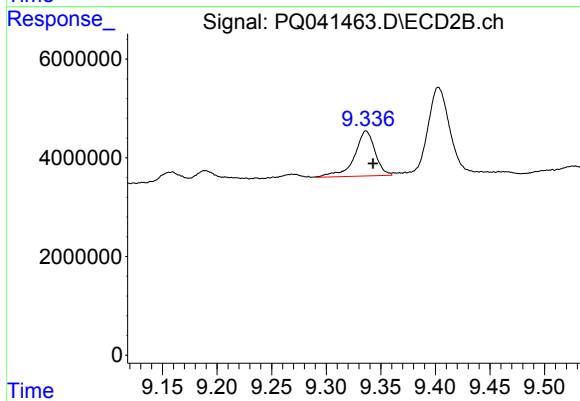
#40 AR-1262-5

R.T.: 9.928 min
Delta R.T.: -0.009 min
Response: 11266902
Conc: 46.95 ng/ml



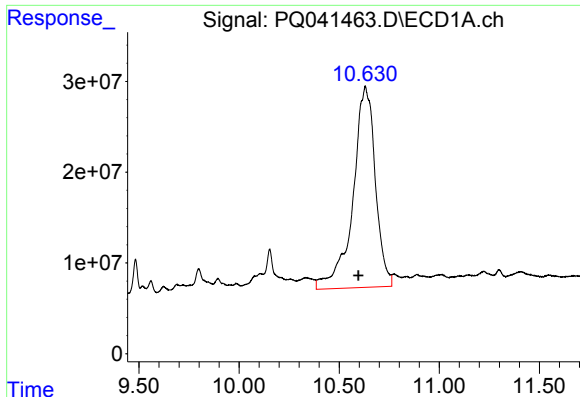
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 10.494 min
Response: 0
Conc: N.D.



#41 AR-1268-1

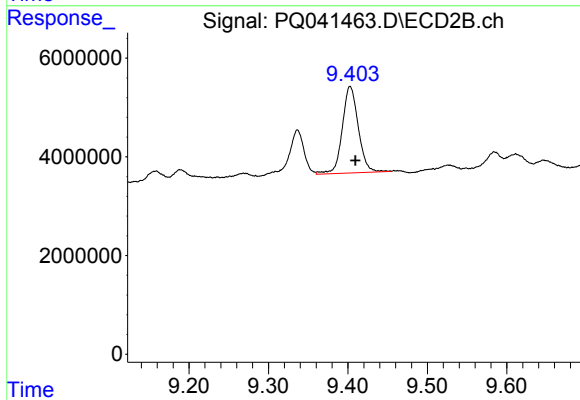
R.T.: 9.337 min
Delta R.T.: -0.007 min
Response: 11959790
Conc: 10.47 ng/ml



#42 AR-1268-2

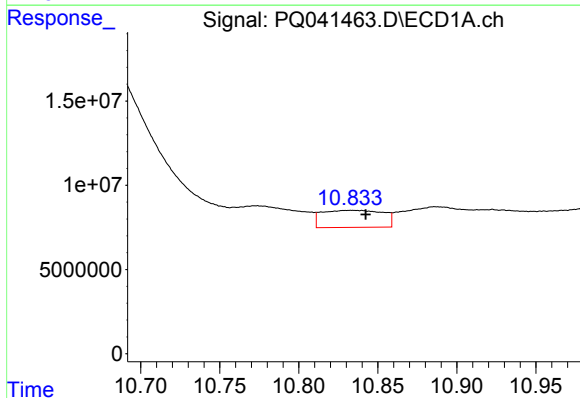
R.T.: 10.630 min
Delta R.T.: 0.034 min
Response: 1720213488
Conc: 1078.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS3



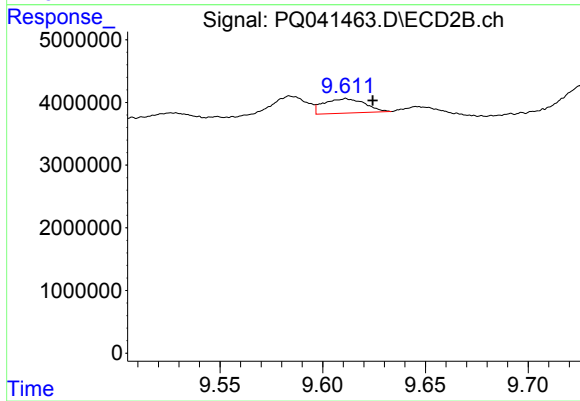
#42 AR-1268-2

R.T.: 9.403 min
Delta R.T.: -0.007 min
Response: 24509027
Conc: 25.22 ng/ml



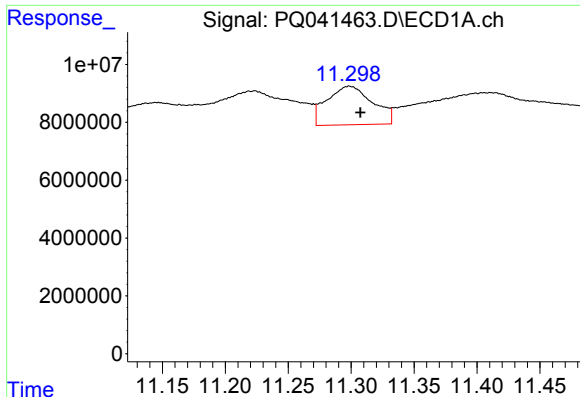
#43 AR-1268-3

R.T.: 10.833 min
Delta R.T.: -0.009 min
Response: 27097527
Conc: 19.28 ng/ml



#43 AR-1268-3

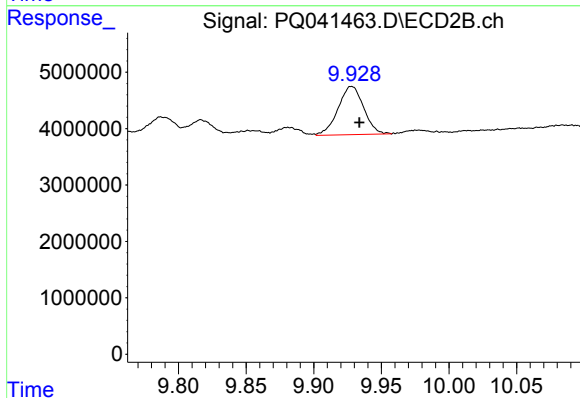
R.T.: 9.611 min
Delta R.T.: -0.013 min
Response: 3216038
Conc: 4.03 ng/ml



#44 AR-1268-4

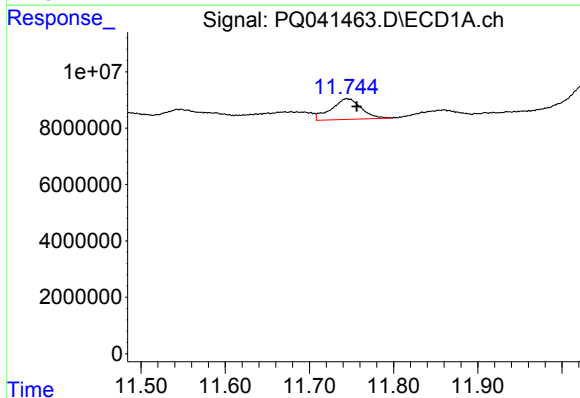
R.T.: 11.299 min
Delta R.T.: -0.009 min
Response: 33819320
Conc: 59.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS3



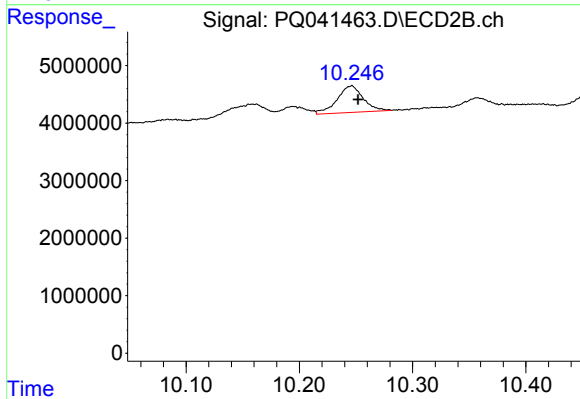
#44 AR-1268-4

R.T.: 9.928 min
Delta R.T.: -0.006 min
Response: 11266902
Conc: 36.72 ng/ml



#45 AR-1268-5

R.T.: 11.745 min
Delta R.T.: -0.011 min
Response: 18050515
Conc: 4.17 ng/ml



#45 AR-1268-5

R.T.: 10.246 min
Delta R.T.: -0.006 min
Response: 7435478
Conc: 3.76 ng/ml