Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062922\
Data File : PP049046.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jun 2022 21:46
Operator : YP\AJ
Sample : N3214-07
Misc : AR1660 LOD 40 PPB
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 30 08:02:29 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP062822.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 29 09:37:18 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.344	3.593	28876383	52463185	20.313	20.488
2)	SA Decachlor...	10.092	8.566	28694818	24774080	23.394	21.978
	Target Compounds						
3)	L1 AR-1016-1	5.521	4.669	2208453	3586198	42.008	39.292
4)	L1 AR-1016-2	5.544	4.688	2802391	4986503	37.187	38.748
5)	L1 AR-1016-3	5.605	4.862	1795072	3105035	36.874	41.961
6)	L1 AR-1016-4	5.706	4.904	1385929	2317912	35.705	45.309 #
7)	L1 AR-1016-5	6.000	5.116	1521851	3030265	39.888	40.621
31)	L7 AR-1260-1	7.128	6.144	2853365	4612255	39.223	40.036
32)	L7 AR-1260-2	7.387	6.331	3725334	5733840	44.263	42.748
33)	L7 AR-1260-3	7.745	6.485	2734844	4981020	48.884	40.918
34)	L7 AR-1260-4	7.974	6.955	3304050	3810435	47.246	45.162
35)	L7 AR-1260-5	8.293	7.195	6272525	8769762	45.777	46.518

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

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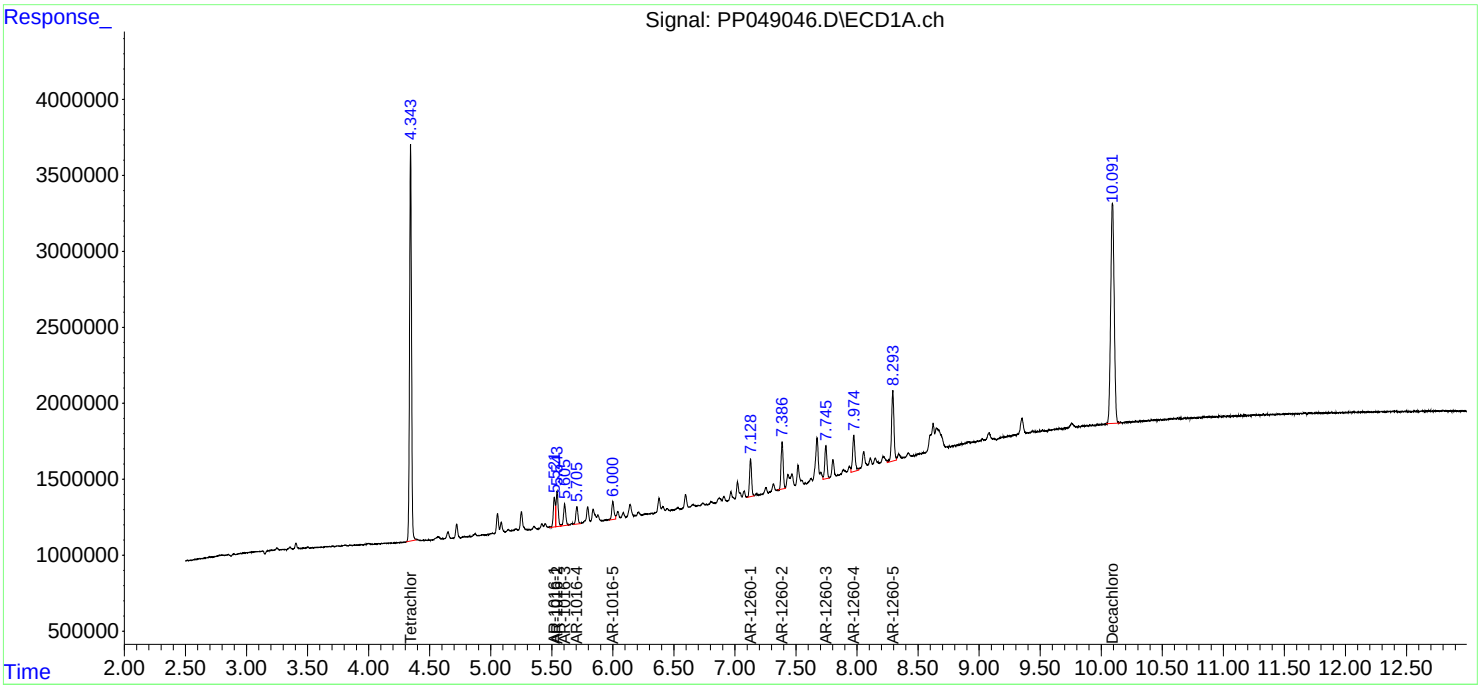
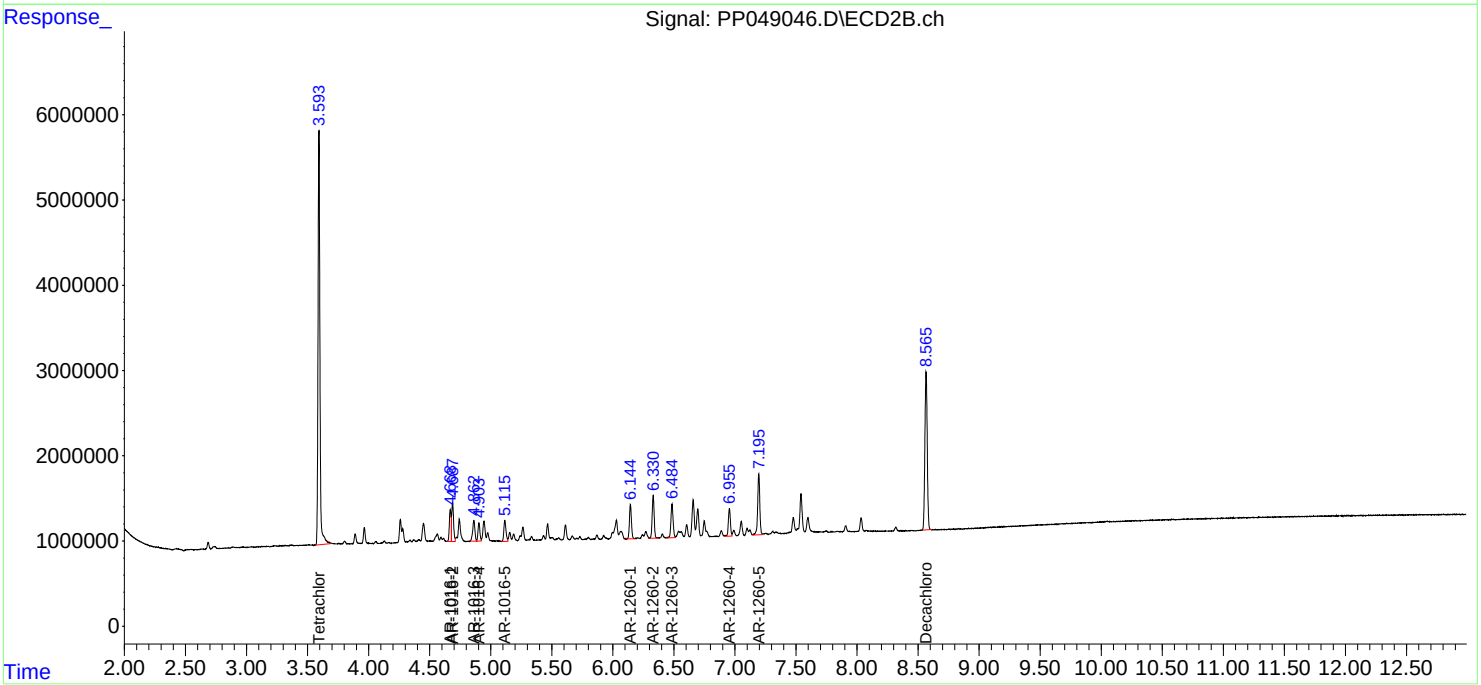
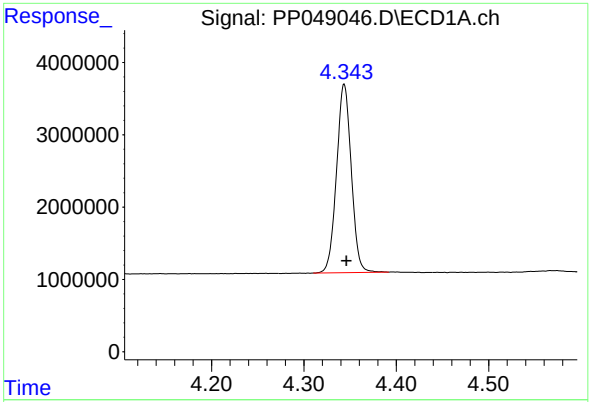


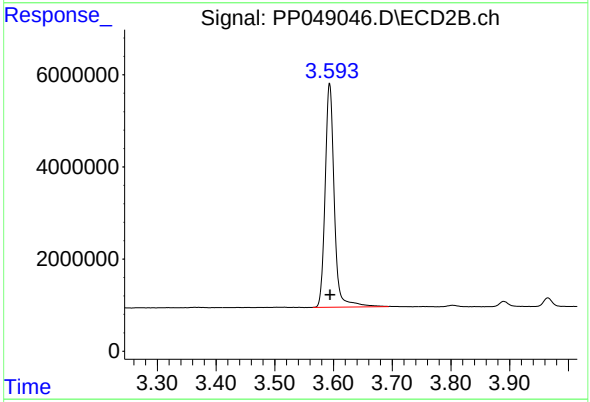




#1 Tetrachloro-m-xylene

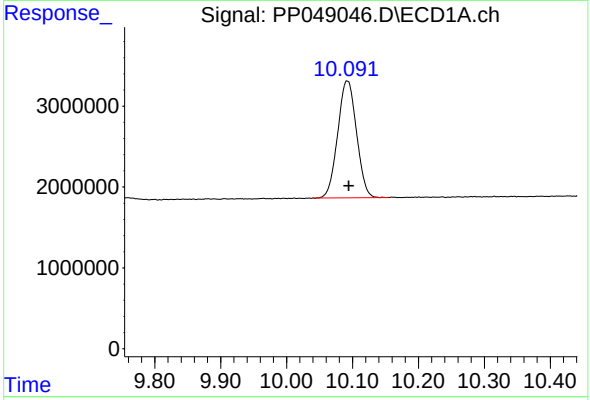
R.T.: 4.344 min
Delta R.T.: -0.002 min
Response: 28876383
Conc: 20.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



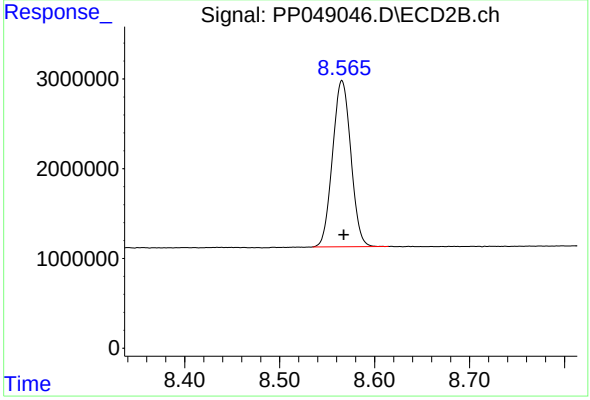
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 52463185
Conc: 20.49 ng/ml



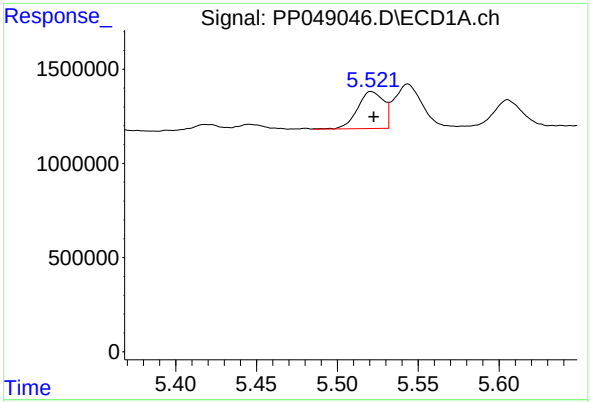
#2 Decachlorobiphenyl

R.T.: 10.092 min
Delta R.T.: -0.002 min
Response: 28694818
Conc: 23.39 ng/ml



#2 Decachlorobiphenyl

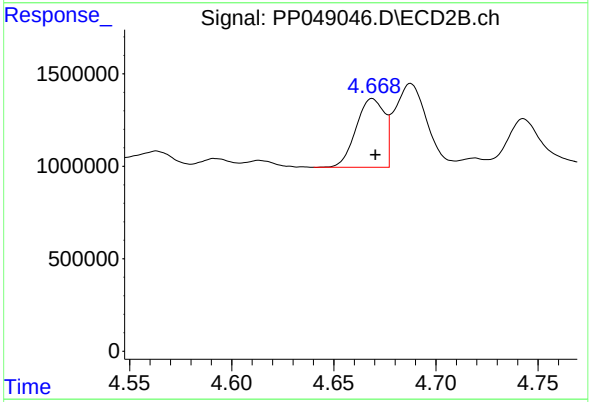
R.T.: 8.566 min
Delta R.T.: -0.002 min
Response: 24774080
Conc: 21.98 ng/ml



#3 AR-1016-1

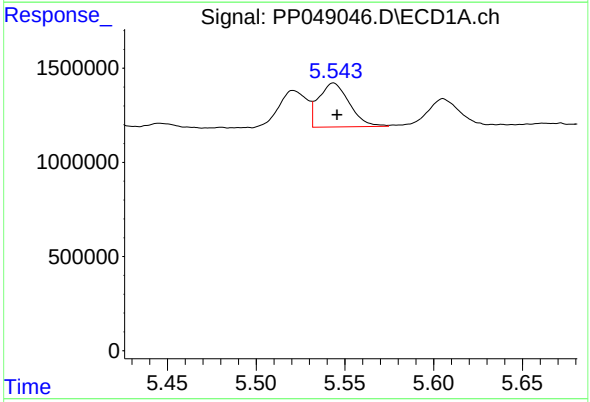
R.T.: 5.521 min
Delta R.T.: -0.002 min
Response: 2208453
Conc: 42.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



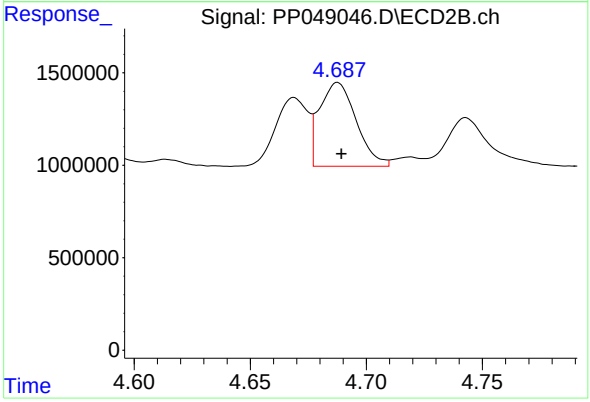
#3 AR-1016-1

R.T.: 4.669 min
Delta R.T.: -0.001 min
Response: 3586198
Conc: 39.29 ng/ml



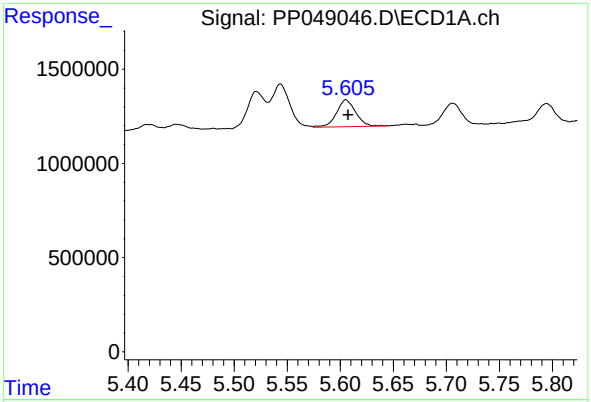
#4 AR-1016-2

R.T.: 5.544 min
Delta R.T.: -0.002 min
Response: 2802391
Conc: 37.19 ng/ml



#4 AR-1016-2

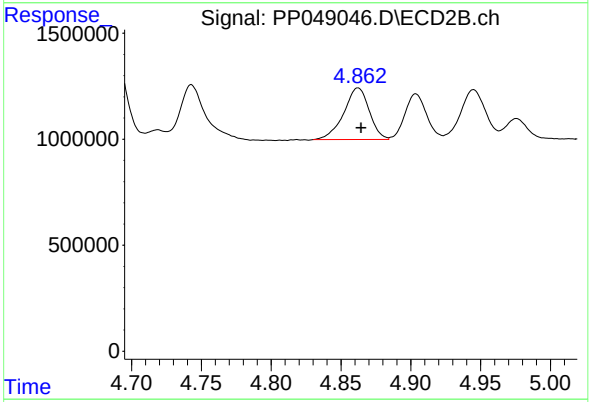
R.T.: 4.688 min
Delta R.T.: -0.002 min
Response: 4986503
Conc: 38.75 ng/ml



#5 AR-1016-3

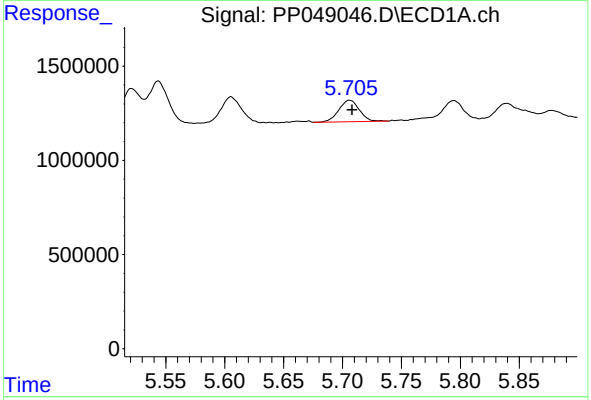
R.T.: 5.605 min
Delta R.T.: -0.002 min
Response: 1795072
Conc: 36.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



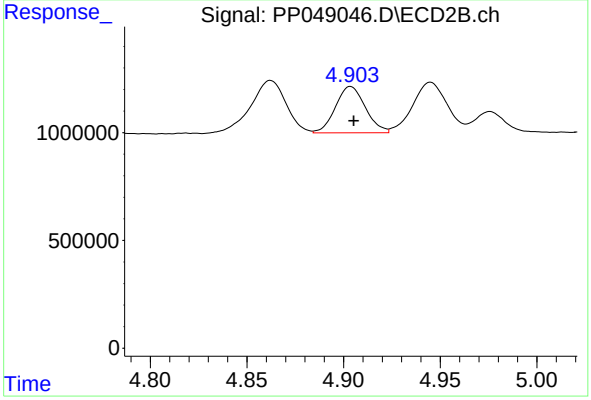
#5 AR-1016-3

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 3105035
Conc: 41.96 ng/ml



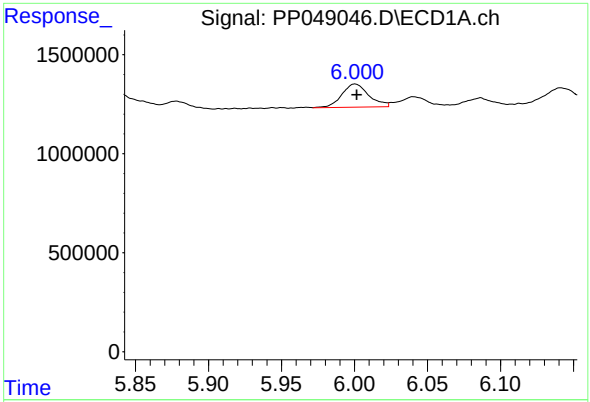
#6 AR-1016-4

R.T.: 5.706 min
Delta R.T.: -0.002 min
Response: 1385929
Conc: 35.70 ng/ml



#6 AR-1016-4

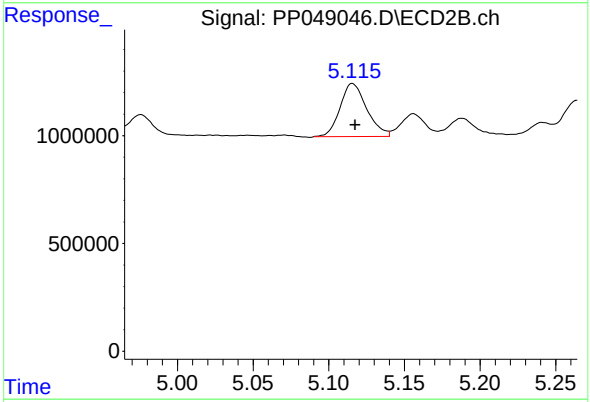
R.T.: 4.904 min
Delta R.T.: -0.002 min
Response: 2317912
Conc: 45.31 ng/ml



#7 AR-1016-5

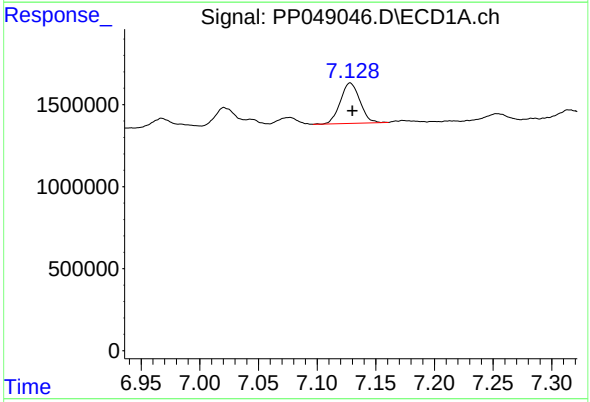
R.T.: 6.000 min
Delta R.T.: -0.001 min
Response: 1521851
Conc: 39.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



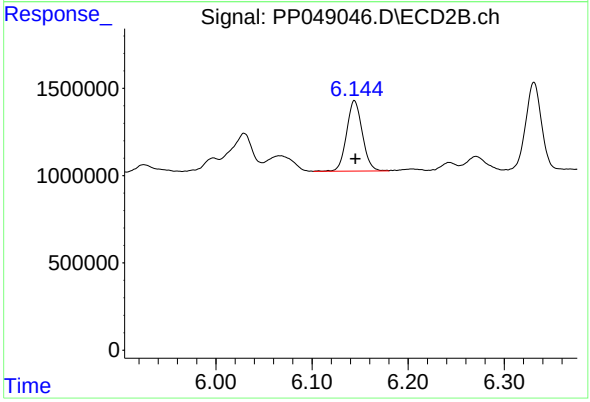
#7 AR-1016-5

R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 3030265
Conc: 40.62 ng/ml



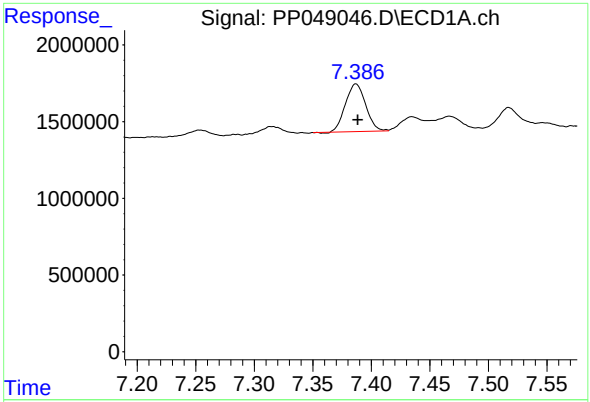
#31 AR-1260-1

R.T.: 7.128 min
Delta R.T.: -0.002 min
Response: 2853365
Conc: 39.22 ng/ml



#31 AR-1260-1

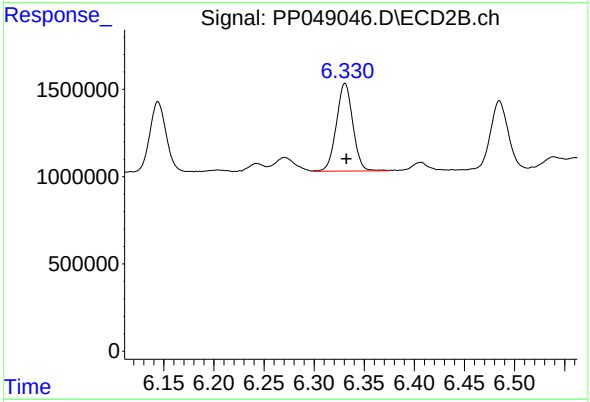
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 4612255
Conc: 40.04 ng/ml



#32 AR-1260-2

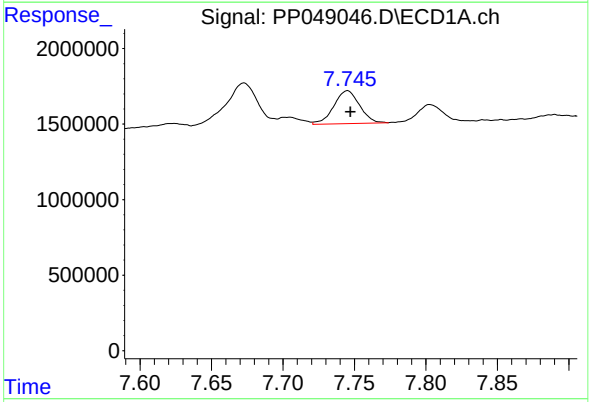
R.T.: 7.387 min
Delta R.T.: -0.002 min
Response: 3725334
Conc: 44.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



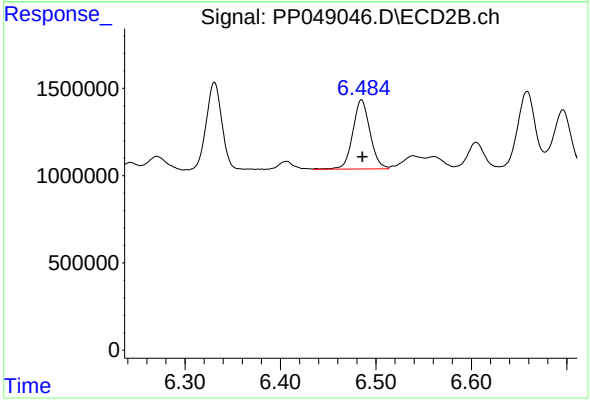
#32 AR-1260-2

R.T.: 6.331 min
Delta R.T.: -0.001 min
Response: 5733840
Conc: 42.75 ng/ml



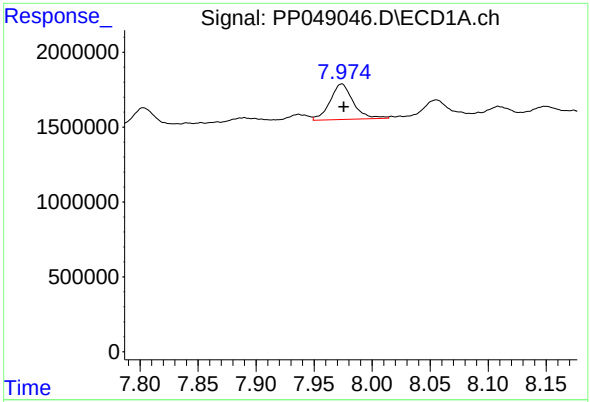
#33 AR-1260-3

R.T.: 7.745 min
Delta R.T.: -0.002 min
Response: 2734844
Conc: 48.88 ng/ml



#33 AR-1260-3

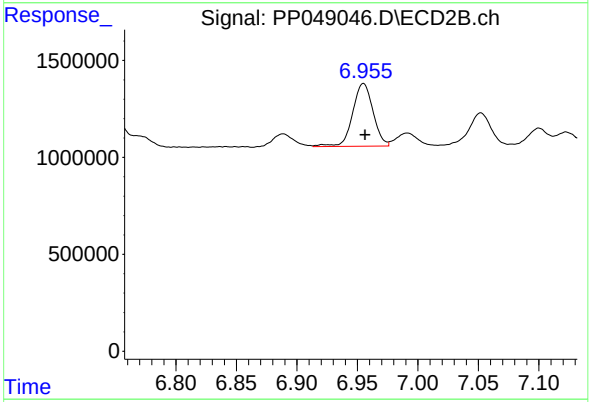
R.T.: 6.485 min
Delta R.T.: -0.001 min
Response: 4981020
Conc: 40.92 ng/ml



#34 AR-1260-4

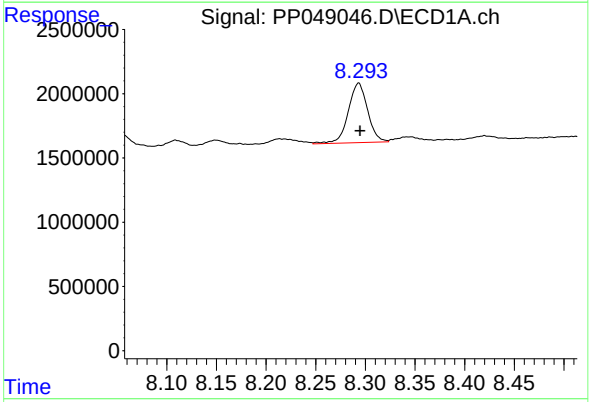
R.T.: 7.974 min
Delta R.T.: -0.002 min
Response: 3304050
Conc: 47.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



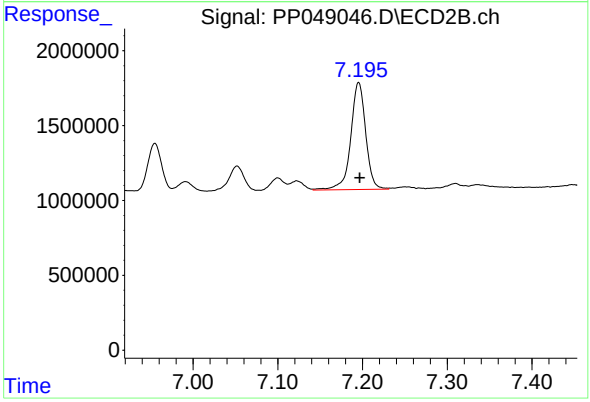
#34 AR-1260-4

R.T.: 6.955 min
Delta R.T.: -0.001 min
Response: 3810435
Conc: 45.16 ng/ml



#35 AR-1260-5

R.T.: 8.293 min
Delta R.T.: -0.002 min
Response: 6272525
Conc: 45.78 ng/ml



#35 AR-1260-5

R.T.: 7.195 min
Delta R.T.: -0.001 min
Response: 8769762
Conc: 46.52 ng/ml