Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121819\
Data File : PL055096.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Dec 2019 21:37
Operator : SG\AJ
Sample : K6357-01MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : ECD_L
ClientSampleId : PF-01MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 02:15:53 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112619.M
Quant Title : GC Extractables
QLast Update : Wed Dec 18 14:58:42 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.536	4.049	195.2E6	56963755	16.775	22.323	#
28)	SA Decachlor...	8.315	9.148	146.9E6	38411646	15.337	16.022	
	Target Compounds							
2)	A alpha-BHC	3.978	4.441	814.7E6	188.9E6	42.916	53.330	
3)	MA gamma-BHC...	4.265	4.726	756.9E6	176.7E6	44.404	54.183	
4)	MA Heptachlor	4.570	5.235	808.2E6	163.3E6	45.833	54.108	
5)	MB Aldrin	4.821	5.541	778.2E6	158.3E6	47.743	56.803	
6)	B beta-BHC	4.516	4.897	305.4E6	78370059	41.181	55.652	#
7)	B delta-BHC	4.723	5.115	441.2E6	84431275	27.144	31.667	
8)	B Heptachlo...	5.267	5.928	723.5E6	132.0E6	47.829	52.851	
9)	A Endosulfan I	5.608	6.285	656.1E6	130.2E6	48.113	52.628	
10)	B gamma-Chl...	5.495	6.162	729.4E6	140.3E6	48.101	53.245	
11)	B alpha-Chl...	5.553	6.235	697.4E6	138.6E6	47.292	52.771	
12)	B 4,4'-DDE	5.717	6.392	659.1E6	132.9E6	49.542	53.697	
13)	MA Dieldrin	5.852	6.544	681.8E6	135.5E6	48.081	53.217	
14)	MA Endrin	6.112	6.762	594.4E6	106.2E6	46.678	47.945	
15)	B Endosulfa...	6.384	6.972	545.1E6	118.1E6	45.045	50.224	
16)	A 4,4'-DDD	6.234	6.884	486.2E6	105.2E6	49.776	54.787	
17)	MA 4,4'-DDT	6.476	7.184	472.8E6	98988249	45.133	49.960	
18)	B Endrin al...	6.552	7.097	435.5E6	101.9E6	43.978	52.004	
19)	B Endosulfa...	6.766	7.321	471.9E6	105.1E6	44.068	49.557	
20)	A Methoxychlor	7.021	7.644	233.4E6	53026666	46.565	46.487	
21)	B Endrin ke...	7.260	7.794	534.8E6	120.5E6	49.208	53.516	
22)	Mirex	7.452	8.251	358.1E6	83189138	44.106	48.133	

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

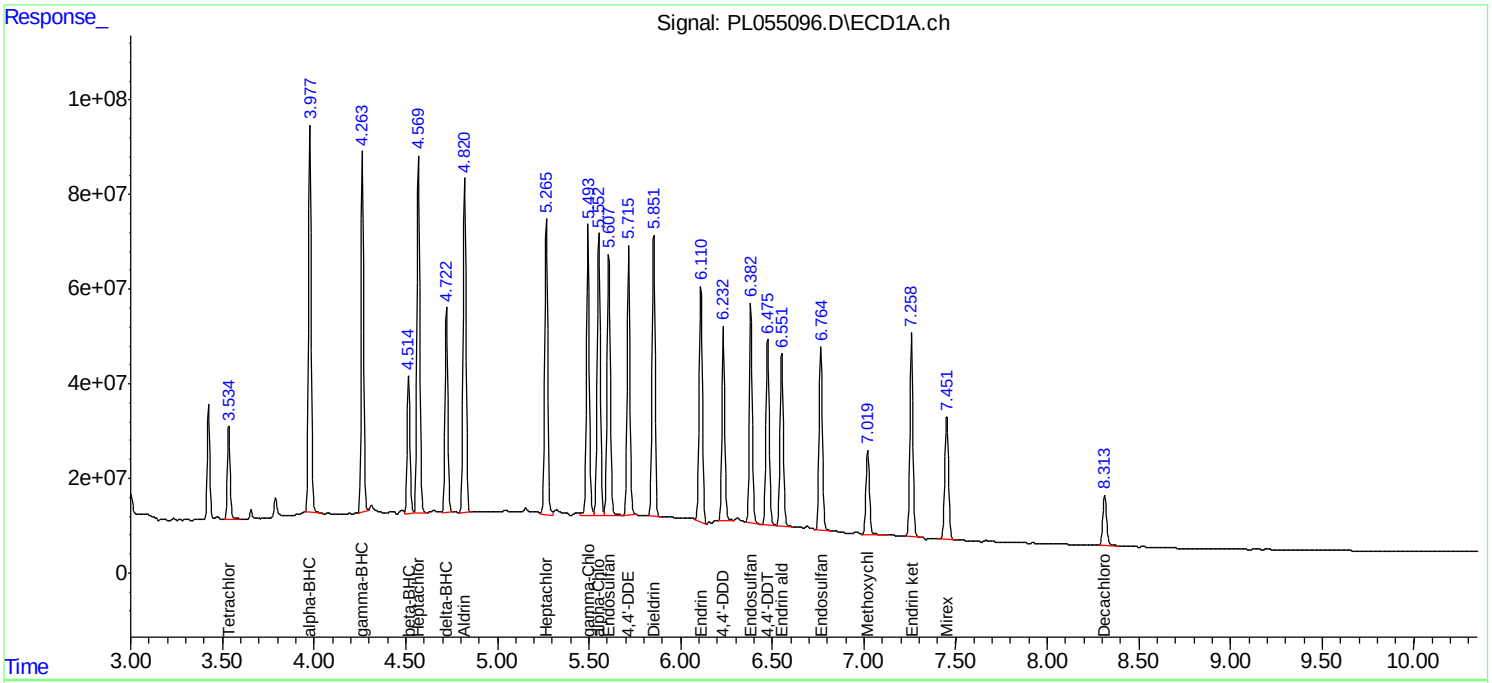
Quantitation Report (QT Reviewed)

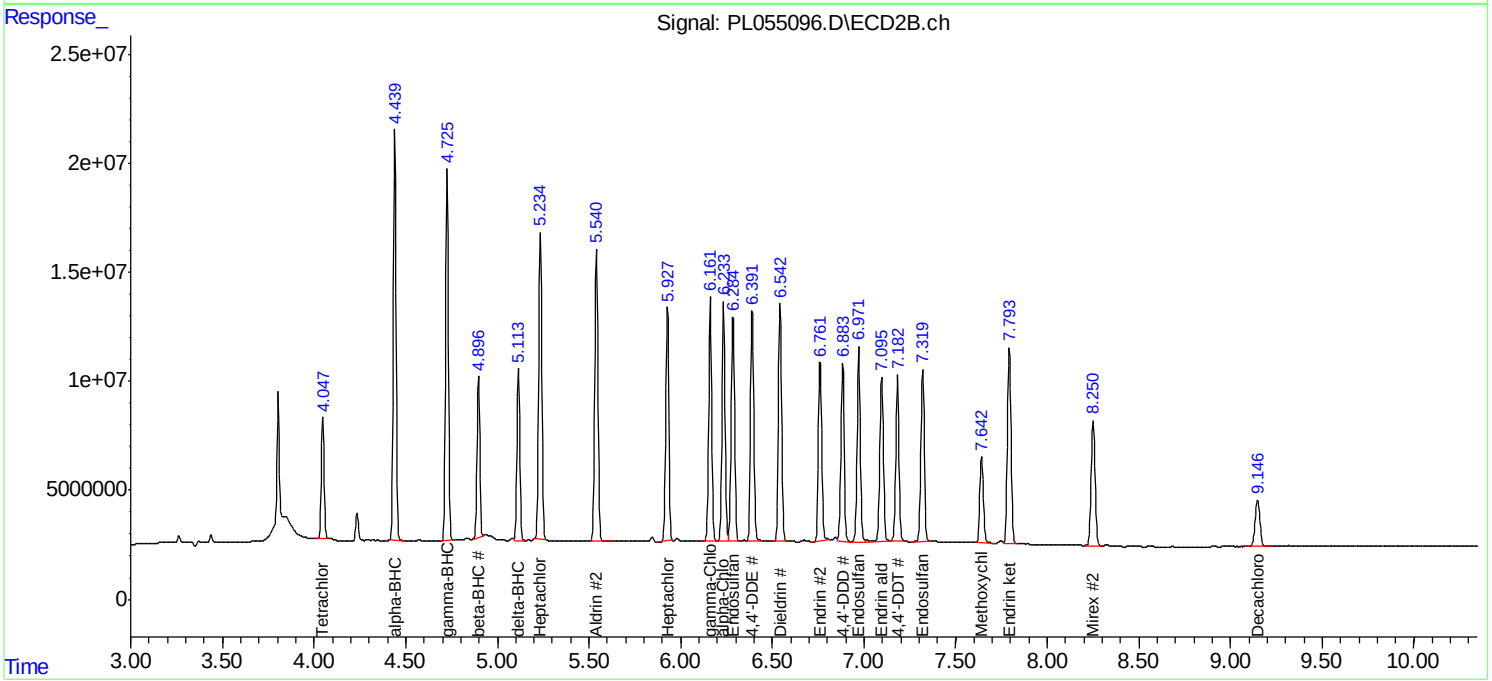
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121819\
Data File : PL055096.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Dec 2019 21:37
Operator : SG\AJ
Sample : K6357-01MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

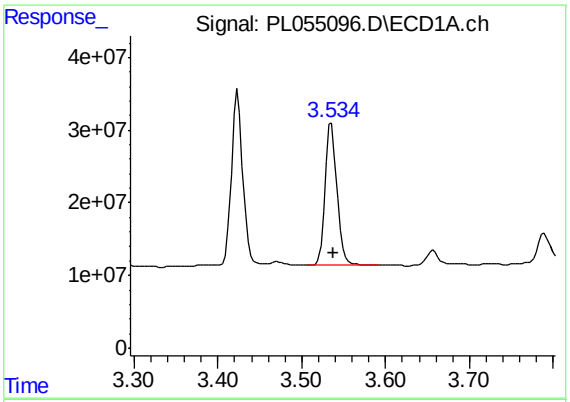
Instrument :
ECD_L
ClientSampleId :
PF-01MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 02:15:53 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112619.M
Quant Title : GC Extractables
QLast Update : Wed Dec 18 14:58:42 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm



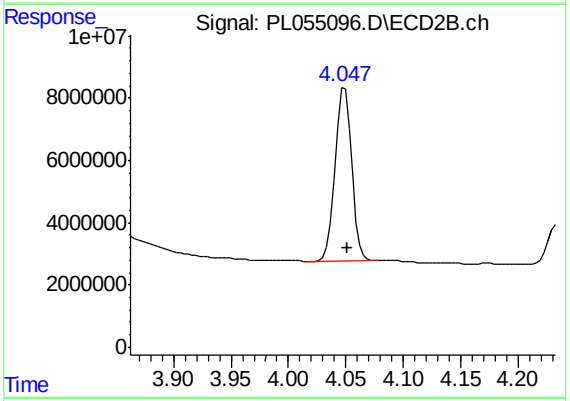




#1 Tetrachloro-m-xylene

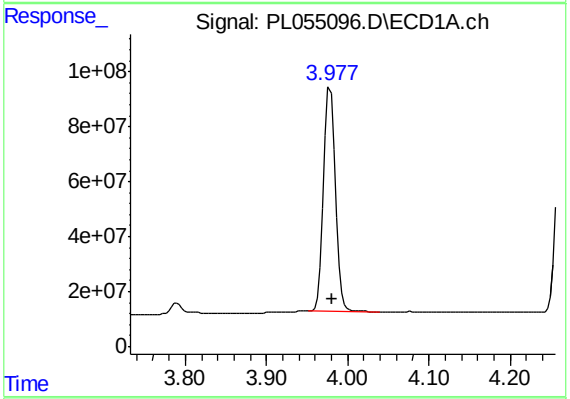
R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 195167557
Conc: 16.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PF-01MSD



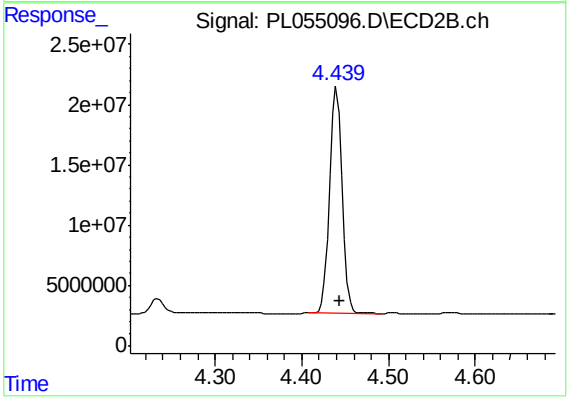
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: -0.003 min
Response: 56963755
Conc: 22.32 ng/ml



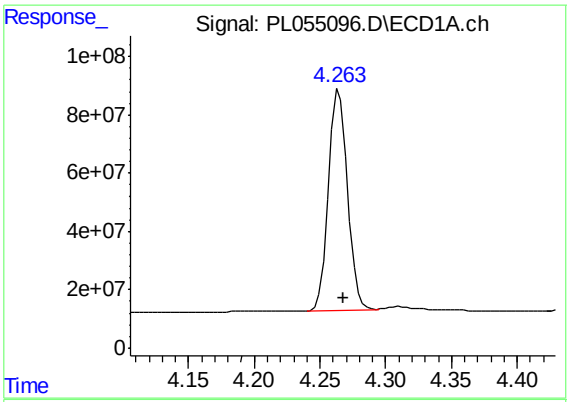
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: -0.002 min
Response: 814712160
Conc: 42.92 ng/ml



#2 alpha-BHC

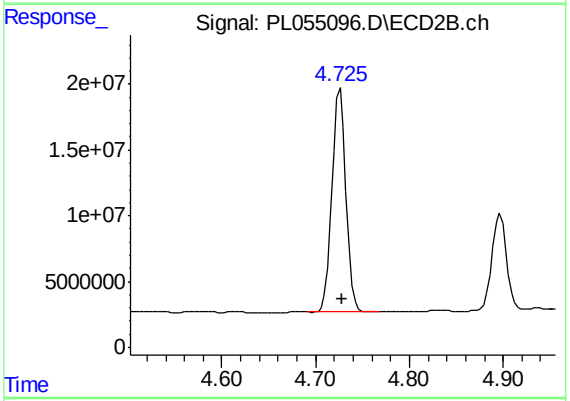
R.T.: 4.441 min
Delta R.T.: -0.003 min
Response: 188935887
Conc: 53.33 ng/ml



#3 gamma-BHC (Lindane)

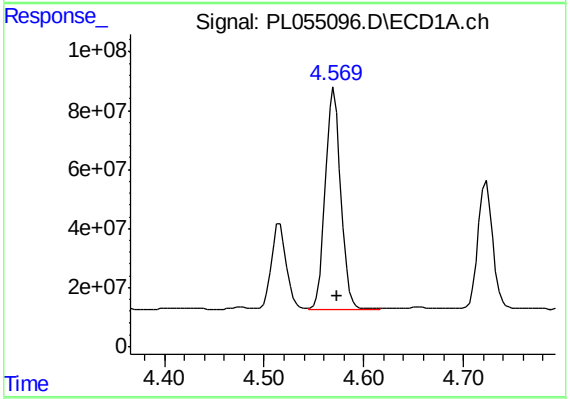
R.T.: 4.265 min
Delta R.T.: -0.003 min
Response: 756900932
Conc: 44.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PF-01MSD



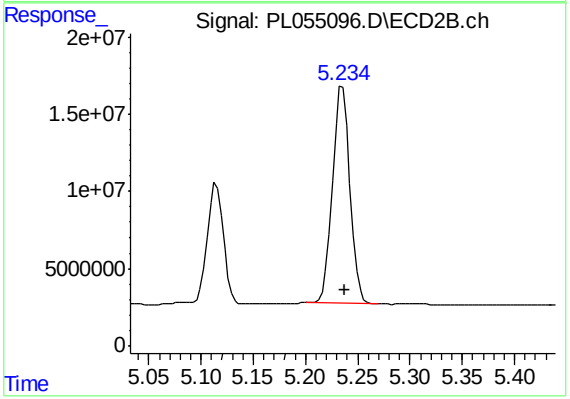
#3 gamma-BHC (Lindane)

R.T.: 4.726 min
Delta R.T.: -0.002 min
Response: 176665815
Conc: 54.18 ng/ml



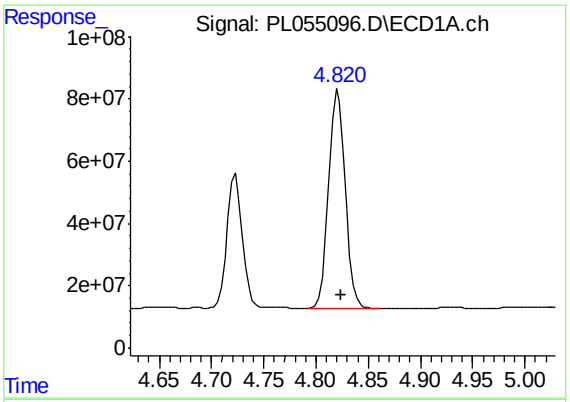
#4 Heptachlor

R.T.: 4.570 min
Delta R.T.: -0.003 min
Response: 808200547
Conc: 45.83 ng/ml



#4 Heptachlor

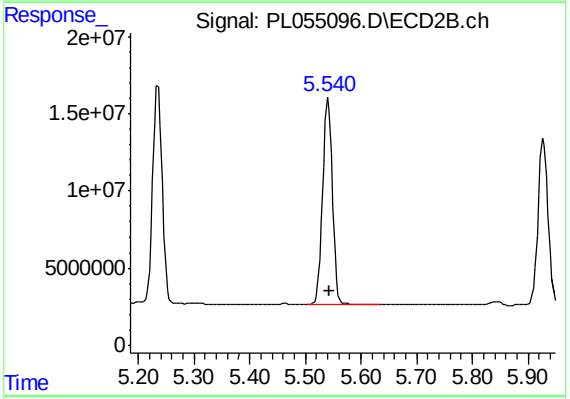
R.T.: 5.235 min
Delta R.T.: -0.003 min
Response: 163298247
Conc: 54.11 ng/ml



#5 Aldrin

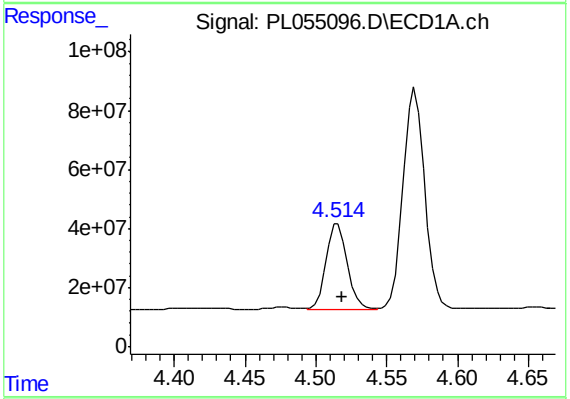
R.T.: 4.821 min
Delta R.T.: -0.003 min
Response: 778208738
Conc: 47.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PF-01MSD



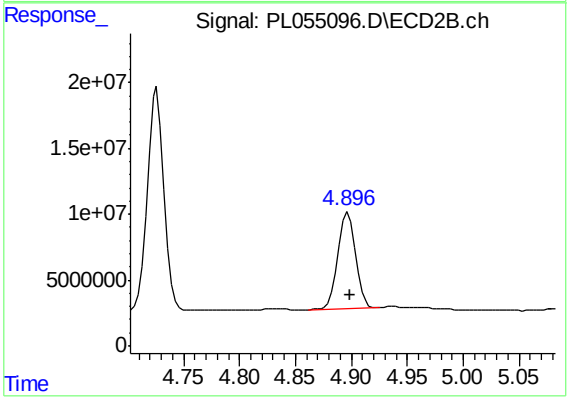
#5 Aldrin

R.T.: 5.541 min
Delta R.T.: -0.003 min
Response: 158281198
Conc: 56.80 ng/ml



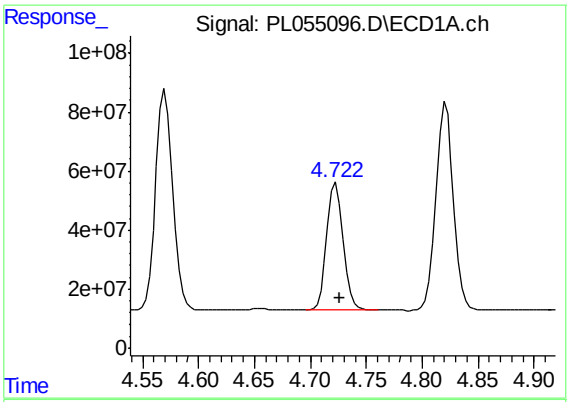
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: -0.003 min
Response: 305435320
Conc: 41.18 ng/ml



#6 beta-BHC

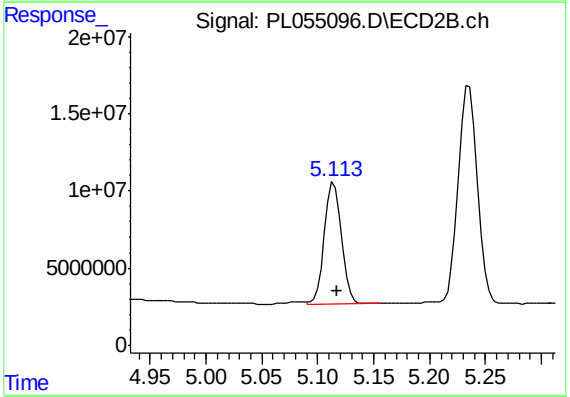
R.T.: 4.897 min
Delta R.T.: -0.002 min
Response: 78370059
Conc: 55.65 ng/ml



#7 delta-BHC

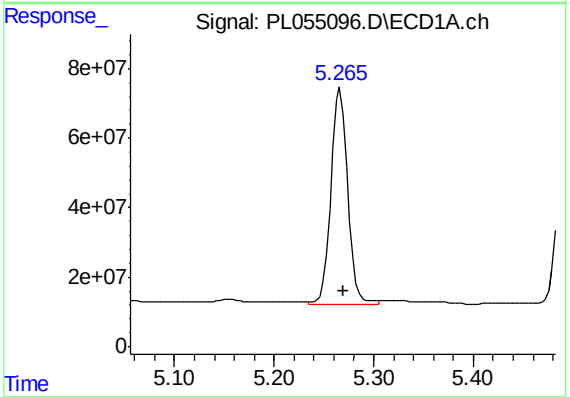
R.T.: 4.723 min
Delta R.T.: -0.003 min
Response: 441233612
Conc: 27.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PF-01MSD



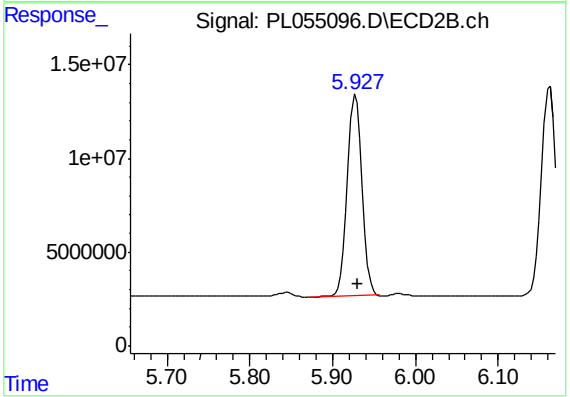
#7 delta-BHC

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 84431275
Conc: 31.67 ng/ml



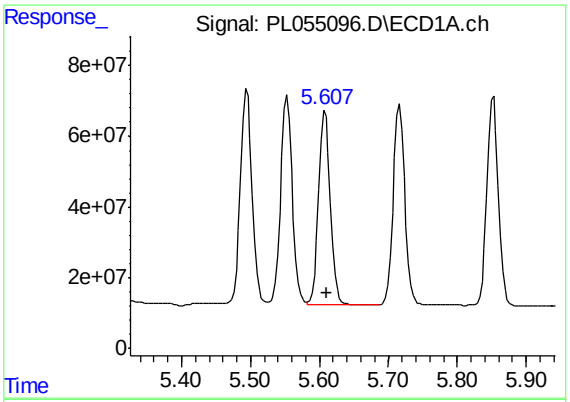
#8 Heptachlor epoxide

R.T.: 5.267 min
Delta R.T.: -0.003 min
Response: 723466283
Conc: 47.83 ng/ml



#8 Heptachlor epoxide

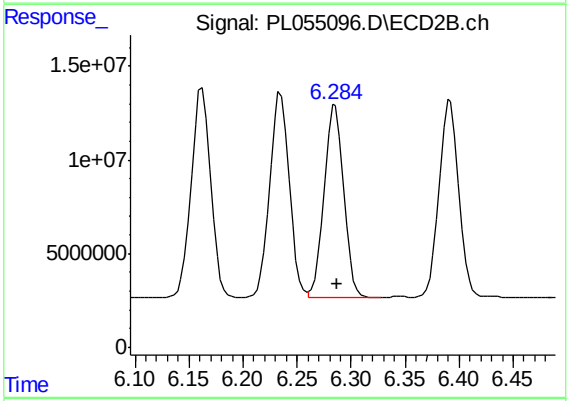
R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 132032752
Conc: 52.85 ng/ml



#9 Endosulfan I

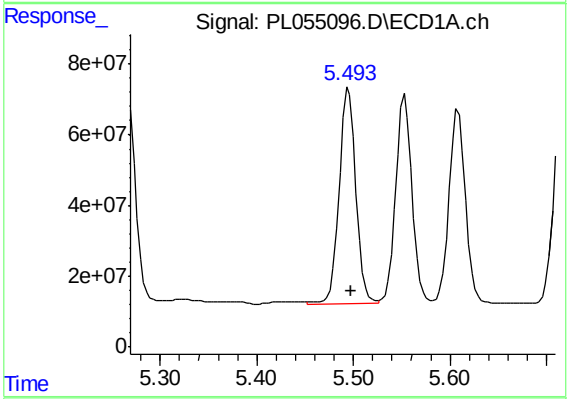
R.T.: 5.608 min
Delta R.T.: -0.003 min
Response: 656110143
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PF-01MSD



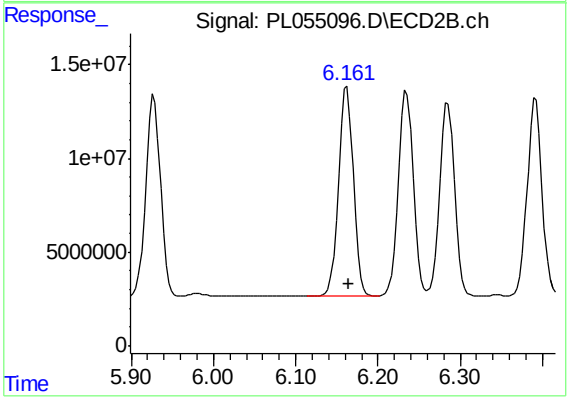
#9 Endosulfan I

R.T.: 6.285 min
Delta R.T.: -0.002 min
Response: 130177267
Conc: 52.63 ng/ml



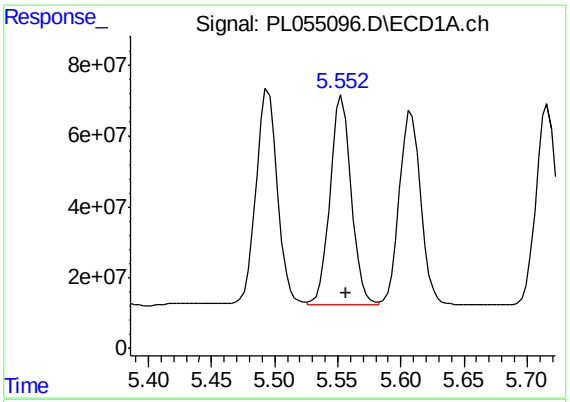
#10 gamma-Chlordane

R.T.: 5.495 min
Delta R.T.: -0.003 min
Response: 729415570
Conc: 48.10 ng/ml



#10 gamma-Chlordane

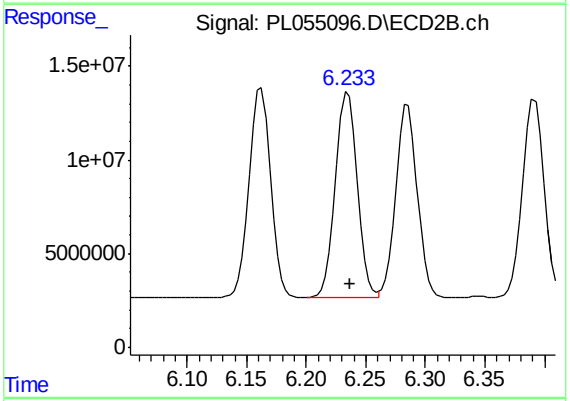
R.T.: 6.162 min
Delta R.T.: -0.002 min
Response: 140266308
Conc: 53.24 ng/ml



#11 alpha-Chlordane

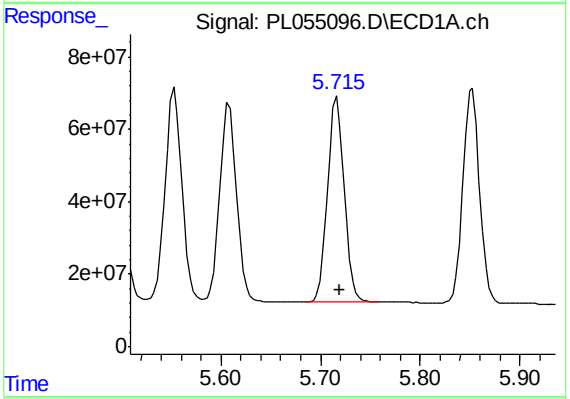
R.T.: 5.553 min
Delta R.T.: -0.003 min
Response: 697358093
Conc: 47.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PF-01MSD



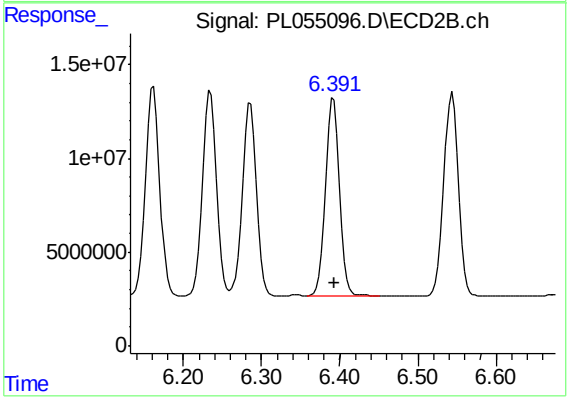
#11 alpha-Chlordane

R.T.: 6.235 min
Delta R.T.: -0.002 min
Response: 138560114
Conc: 52.77 ng/ml



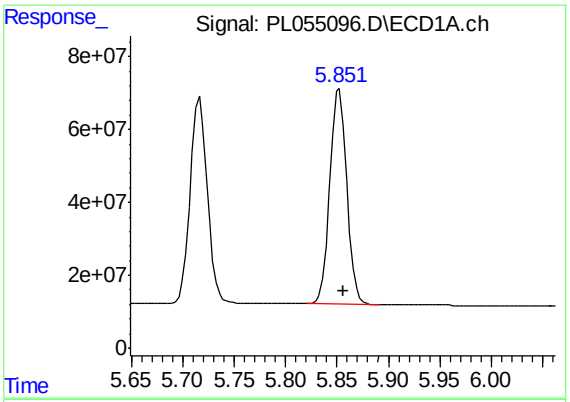
#12 4,4'-DDE

R.T.: 5.717 min
Delta R.T.: -0.003 min
Response: 659146573
Conc: 49.54 ng/ml



#12 4,4'-DDE

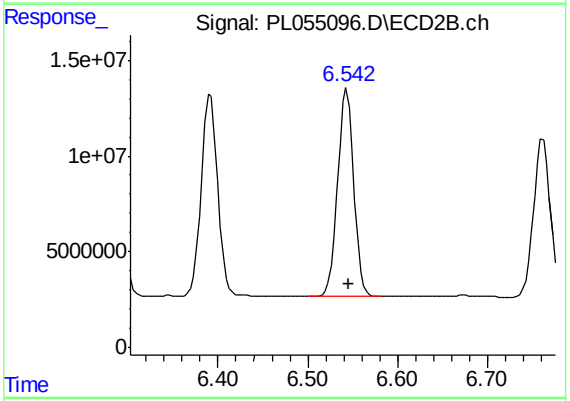
R.T.: 6.392 min
Delta R.T.: -0.002 min
Response: 132921596
Conc: 53.70 ng/ml



#13 Dieldrin

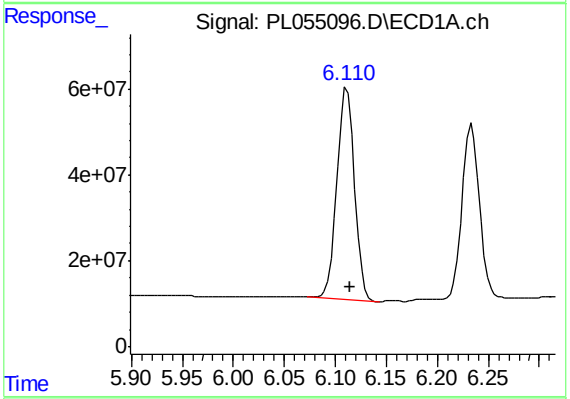
R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 681825879
Conc: 48.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PF-01MSD



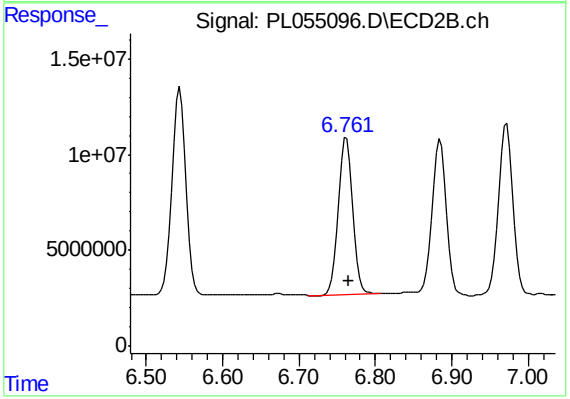
#13 Dieldrin

R.T.: 6.544 min
Delta R.T.: -0.001 min
Response: 135453529
Conc: 53.22 ng/ml



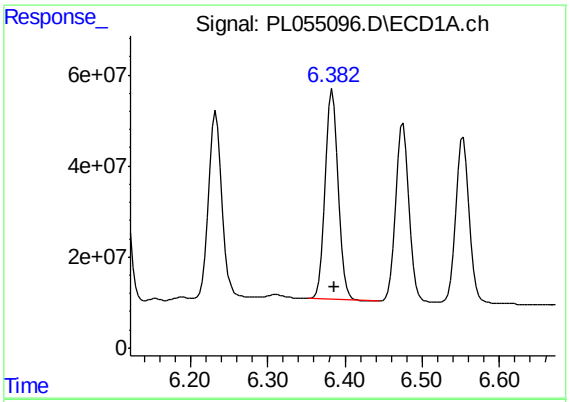
#14 Endrin

R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 594387306
Conc: 46.68 ng/ml



#14 Endrin

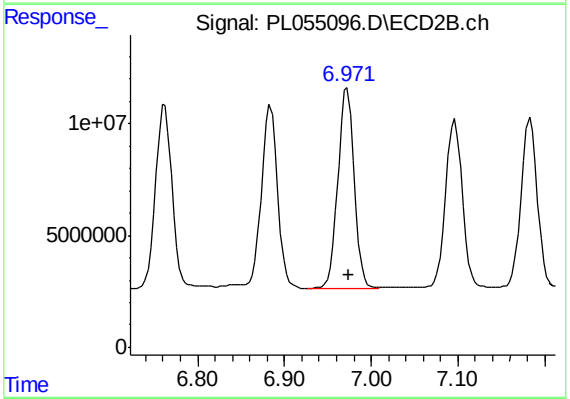
R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 106217308
Conc: 47.95 ng/ml



#15 Endosulfan II

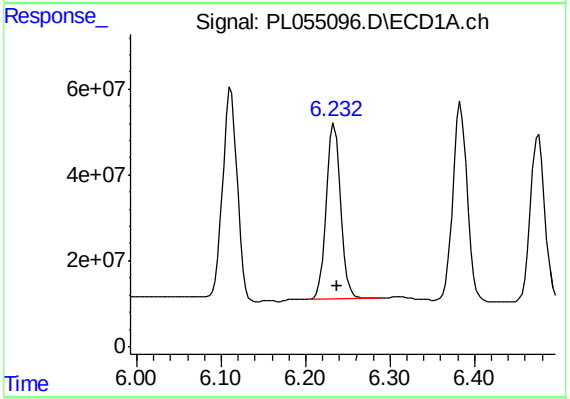
R.T.: 6.384 min
Delta R.T.: -0.003 min
Response: 545050844
Conc: 45.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PF-01MSD



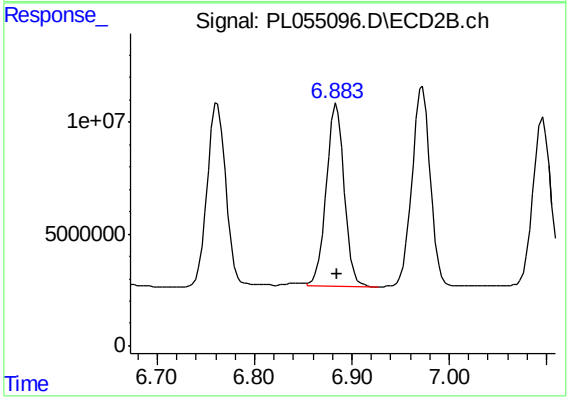
#15 Endosulfan II

R.T.: 6.972 min
Delta R.T.: -0.001 min
Response: 118076163
Conc: 50.22 ng/ml



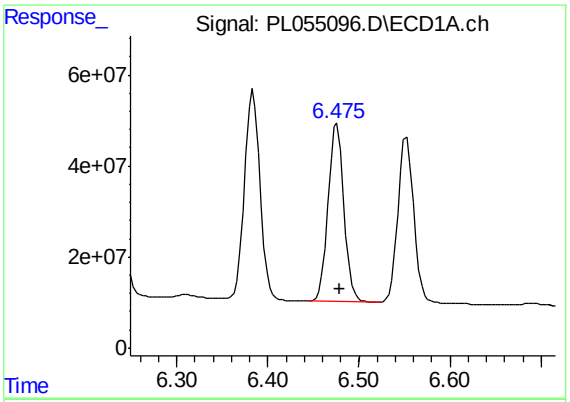
#16 4,4'-DDD

R.T.: 6.234 min
Delta R.T.: -0.003 min
Response: 486176542
Conc: 49.78 ng/ml



#16 4,4'-DDD

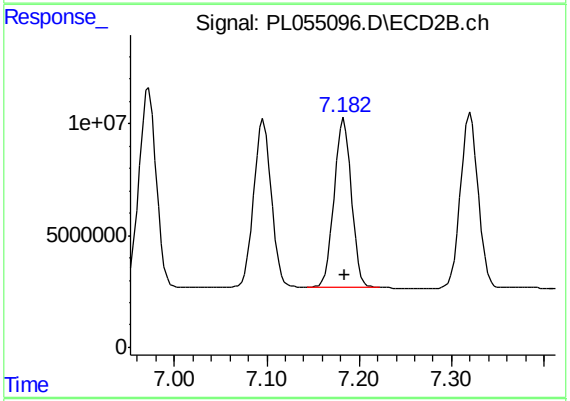
R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 105194577
Conc: 54.79 ng/ml



#17 4,4'-DDT

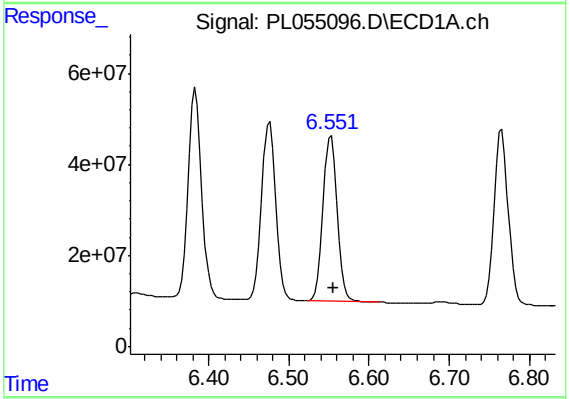
R.T.: 6.476 min
Delta R.T.: -0.003 min
Response: 472821615
Conc: 45.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PF-01MSD



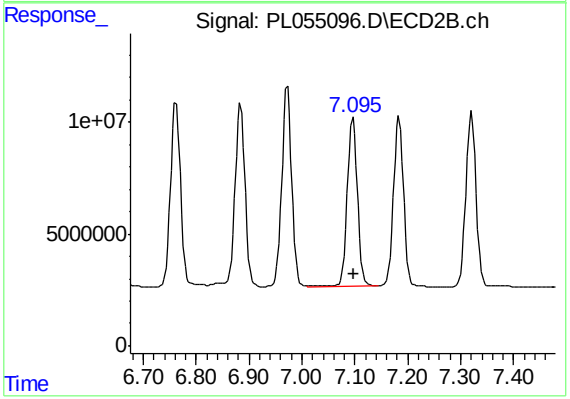
#17 4,4'-DDT

R.T.: 7.184 min
Delta R.T.: -0.001 min
Response: 98988249
Conc: 49.96 ng/ml



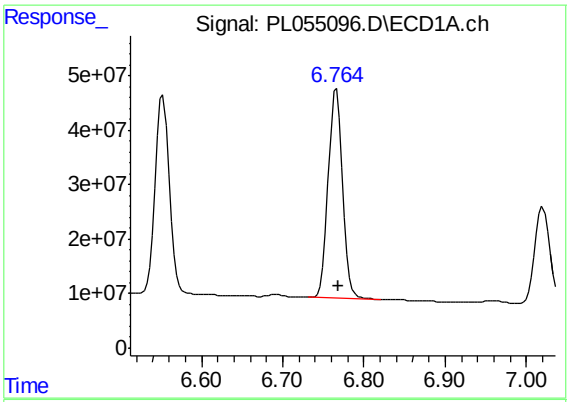
#18 Endrin aldehyde

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 435509129
Conc: 43.98 ng/ml



#18 Endrin aldehyde

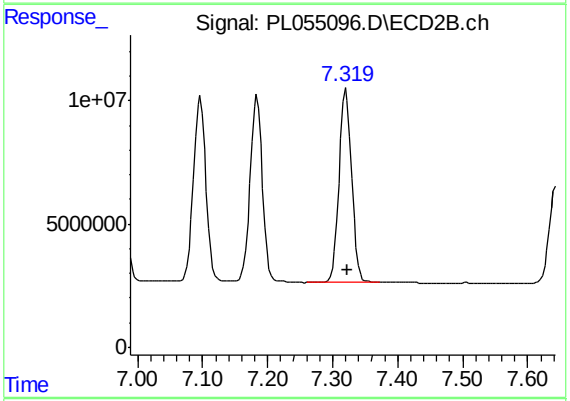
R.T.: 7.097 min
Delta R.T.: -0.001 min
Response: 101937366
Conc: 52.00 ng/ml



#19 Endosulfan Sulfate

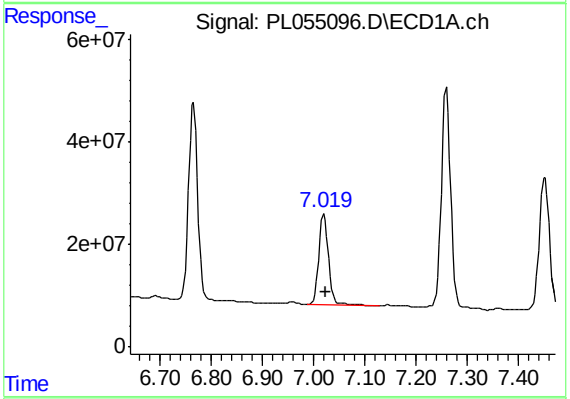
R.T.: 6.766 min
Delta R.T.: -0.003 min
Response: 471912673
Conc: 44.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PF-01MSD



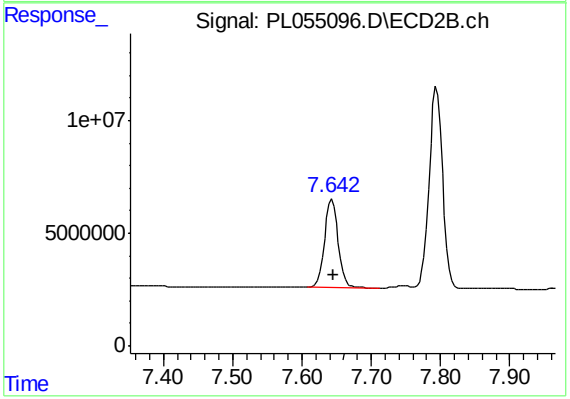
#19 Endosulfan Sulfate

R.T.: 7.321 min
Delta R.T.: -0.001 min
Response: 105086662
Conc: 49.56 ng/ml



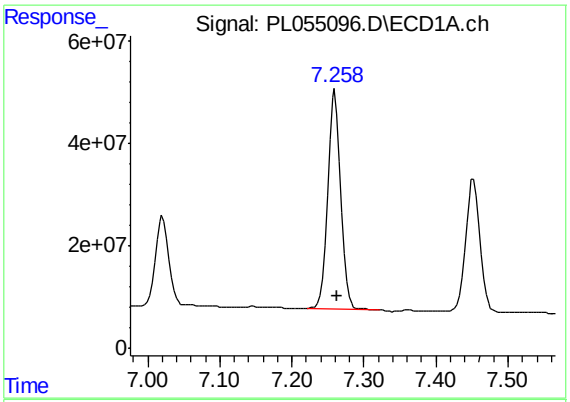
#20 Methoxychlor

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 233374951
Conc: 46.57 ng/ml



#20 Methoxychlor

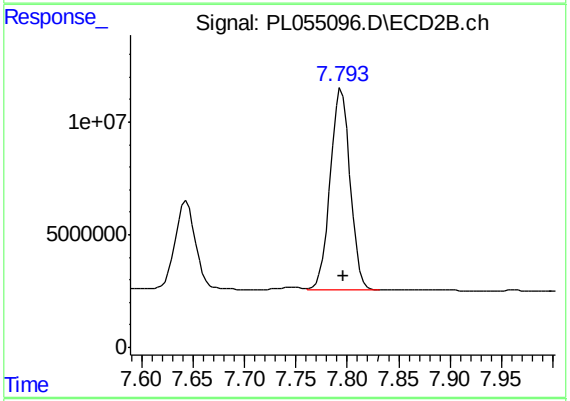
R.T.: 7.644 min
Delta R.T.: -0.001 min
Response: 53026666
Conc: 46.49 ng/ml



#21 Endrin ketone

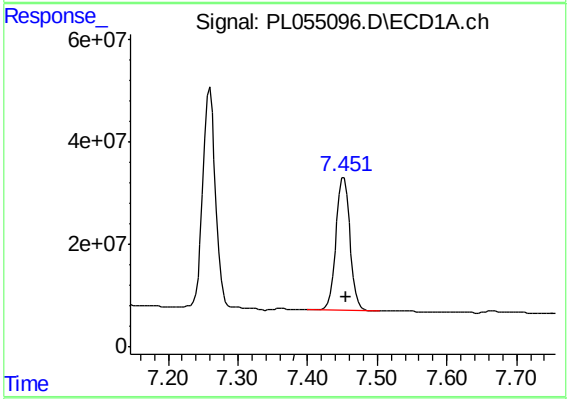
R.T.: 7.260 min
Delta R.T.: -0.003 min
Response: 534845677
Conc: 49.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PF-01MSD



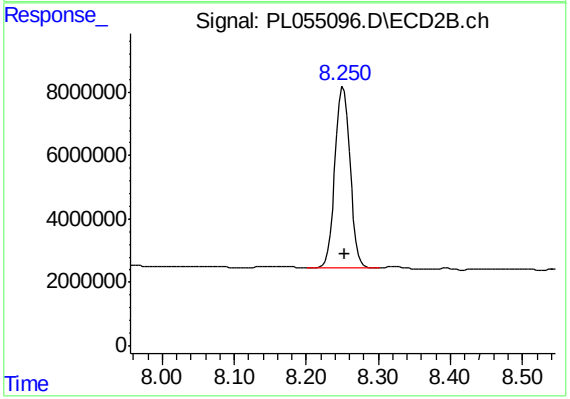
#21 Endrin ketone

R.T.: 7.794 min
Delta R.T.: -0.002 min
Response: 120459466
Conc: 53.52 ng/ml



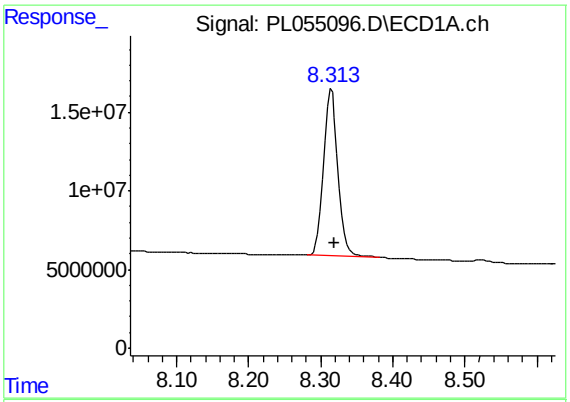
#22 Mirex

R.T.: 7.452 min
Delta R.T.: -0.003 min
Response: 358071978
Conc: 44.11 ng/ml



#22 Mirex

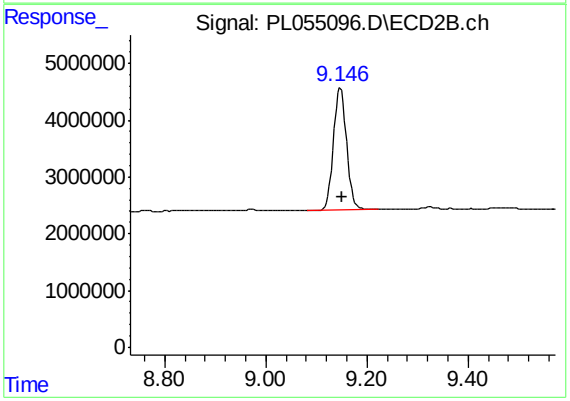
R.T.: 8.251 min
Delta R.T.: -0.003 min
Response: 83189138
Conc: 48.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.315 min
Delta R.T.: -0.004 min
Response: 146865643
Conc: 15.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PF-01MSD



#28 Decachlorobiphenyl

R.T.: 9.148 min
Delta R.T.: -0.003 min
Response: 38411646
Conc: 16.02 ng/ml