

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl120522\
 Data File : PL079558.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2022 09:32
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/06/2022
 Supervised By : Ankita Jodhani 12/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 01:13:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112322.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 24 00:09:49 2022
 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...	3.321	2.569	51111250	60067010	22.625	22.067
28)	SA Decachlor...	8.771	7.636	43091759	43768214	22.188	18.630
Target Compounds							
2)	A alpha-BHC	3.780	3.055	35348255	46607891	10.279m	10.809
3)	MA gamma-BHC...	4.115	3.376	34710168	42079143	10.710	10.807
6)	B beta-BHC	4.331	3.677	15687423	18936255	11.110	12.498
14)	MA Endrin	6.350	5.366	119.8E6	144.6E6	49.512	47.795
16)	A 4,4'-DDD	6.496	5.526	3934353	4561605	1.983m	1.824m
17)	MA 4,4'-DDT	6.808	5.773	230.5E6	262.5E6	101.610	100.419
18)	B Endrin al...	6.712	5.843	2719912	4600051	1.502	2.161 #
20)	A Methoxychlor	7.292	6.350	296.5E6	311.0E6	245.749	228.797
21)	B Endrin ke...	7.429	6.560	6330492	9293112	2.566	3.017

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

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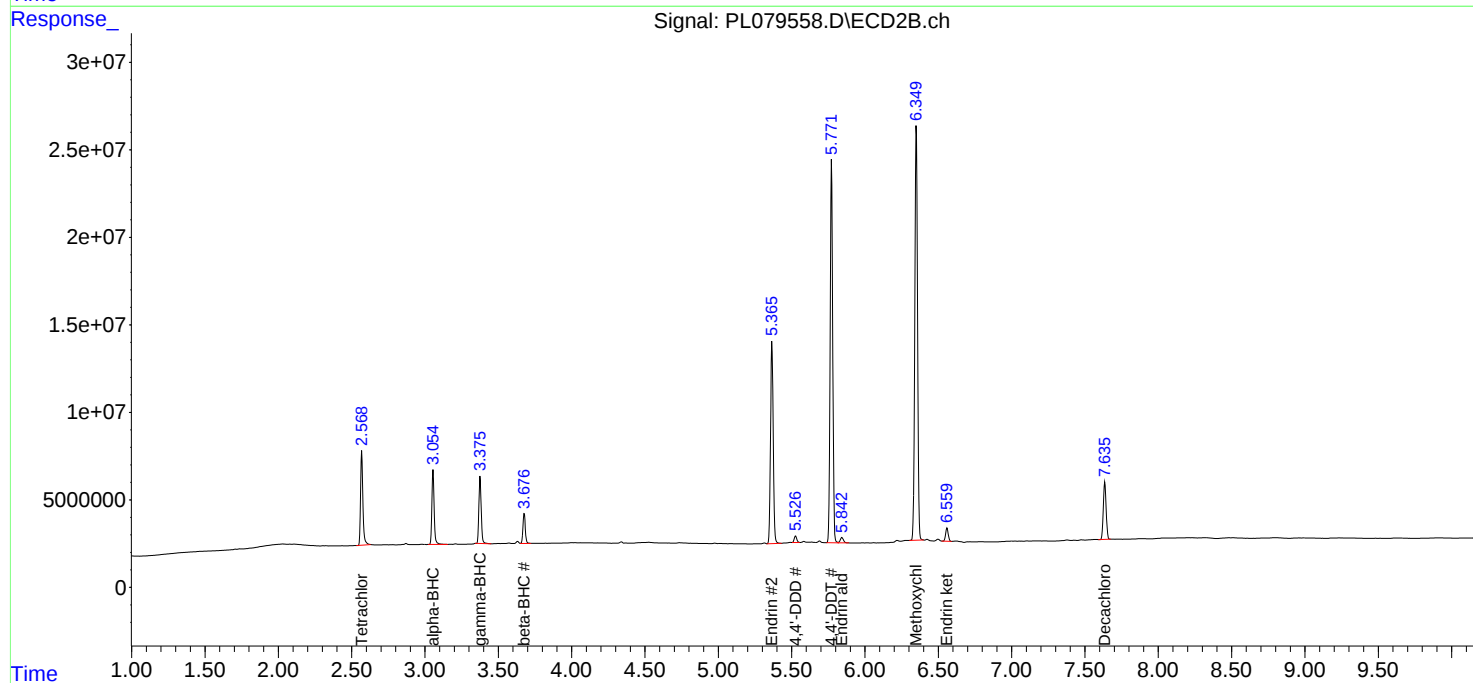
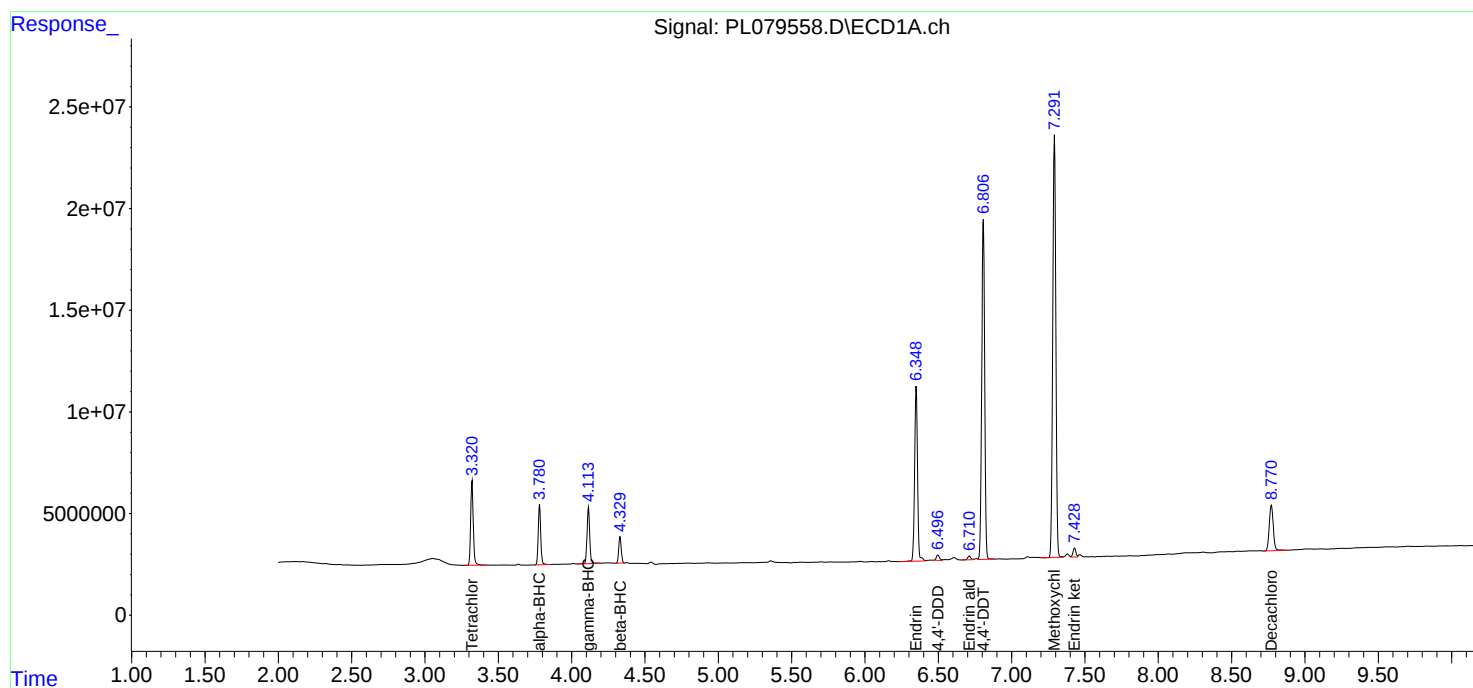
Instrument :
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ClientSampleId :
PEM

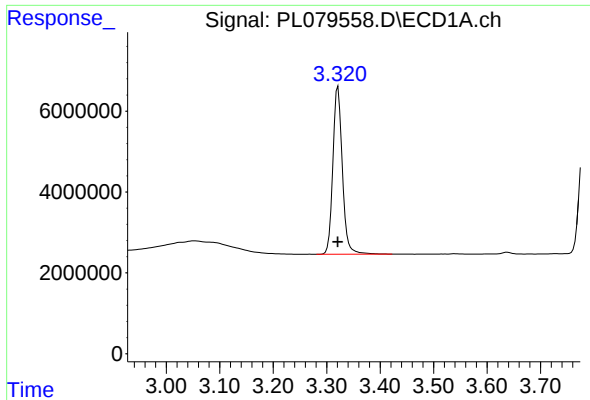
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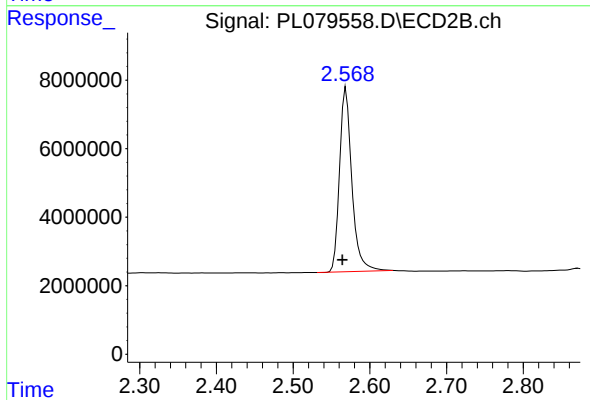
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: 0.000 min
Response: 51111250
Conc: 22.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

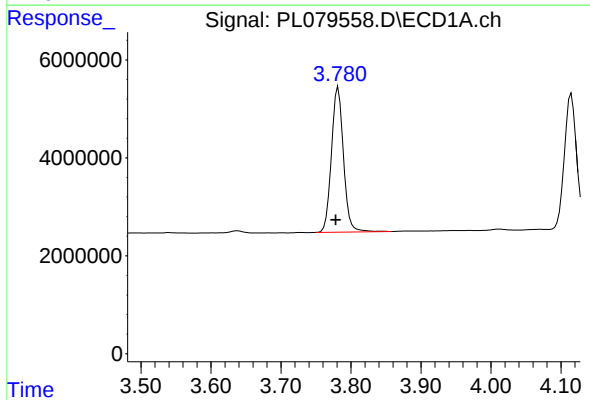
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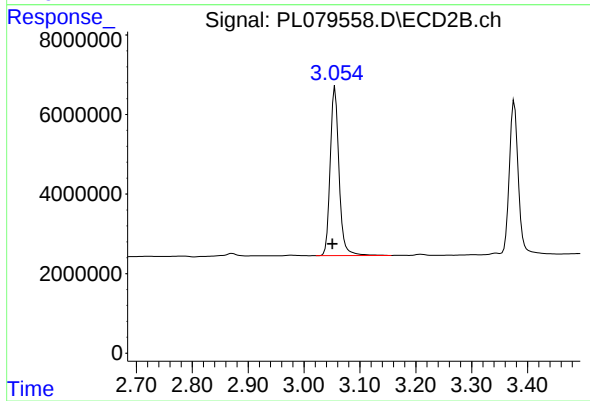
#1 Tetrachloro-m-xylene

R.T.: 2.569 min
Delta R.T.: 0.005 min
Response: 60067010
Conc: 22.07 ng/ml



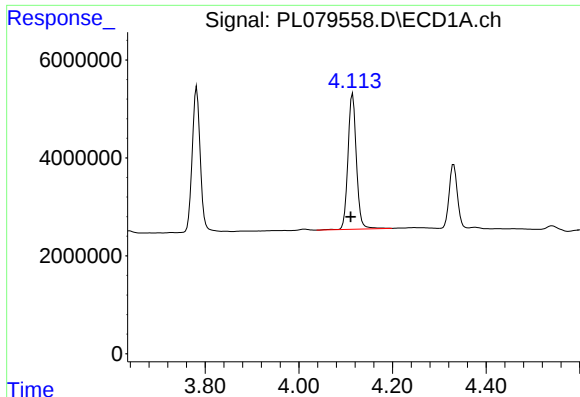
#2 alpha-BHC

R.T.: 3.780 min
Delta R.T.: 0.002 min
Response: 35348255
Conc: 10.28 ng/ml m



#2 alpha-BHC

R.T.: 3.055 min
Delta R.T.: 0.005 min
Response: 46607891
Conc: 10.81 ng/ml



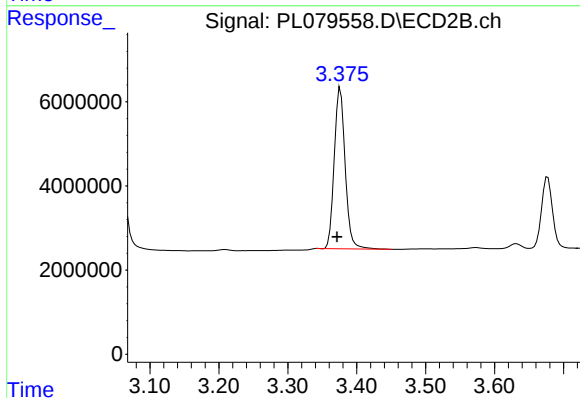
#3 gamma-BHC (Lindane)

R.T.: 4.115 min
Delta R.T.: 0.004 min
Response: 34710168
Conc: 10.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

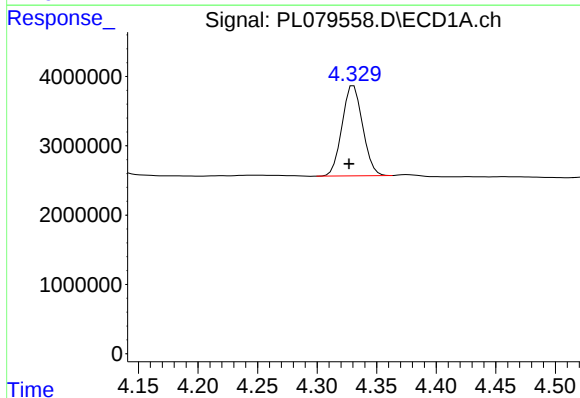
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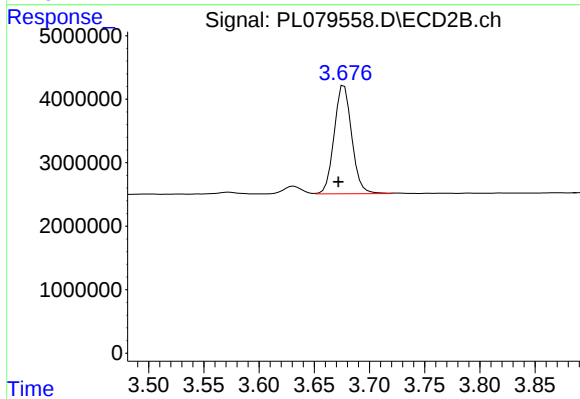
#3 gamma-BHC (Lindane)

R.T.: 3.376 min
Delta R.T.: 0.005 min
Response: 42079143
Conc: 10.81 ng/ml



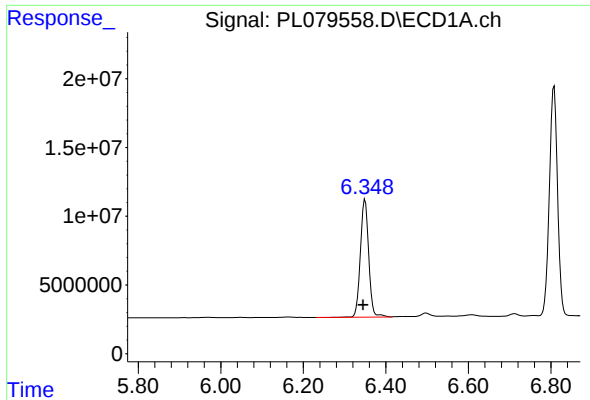
#6 beta-BHC

R.T.: 4.331 min
Delta R.T.: 0.004 min
Response: 15687423
Conc: 11.11 ng/ml



#6 beta-BHC

R.T.: 3.677 min
Delta R.T.: 0.005 min
Response: 18936255
Conc: 12.50 ng/ml



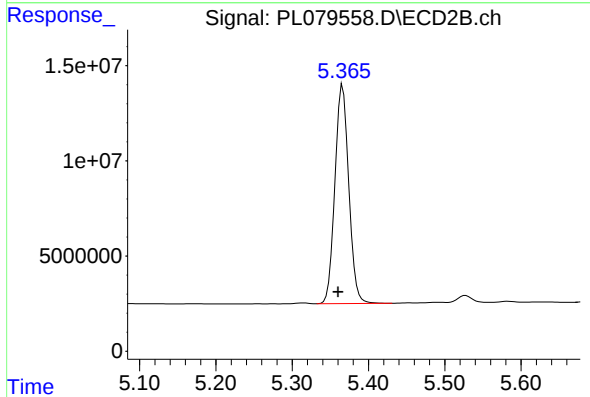
#14 Endrin

R.T.: 6.350 min
Delta R.T.: 0.005 min
Response: 119779781
Conc: 49.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

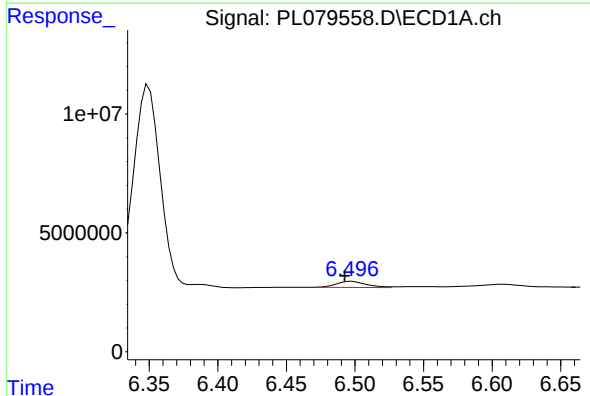
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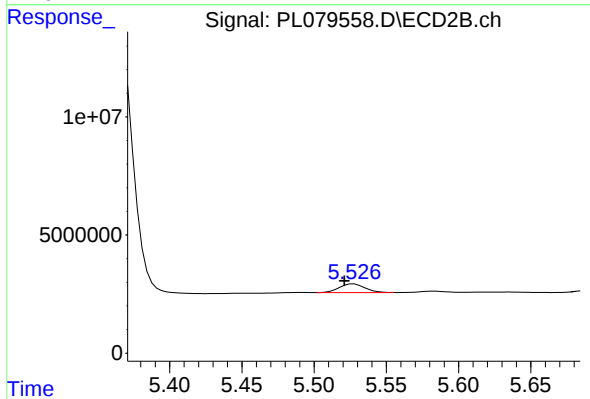
#14 Endrin

R.T.: 5.366 min
Delta R.T.: 0.006 min
Response: 144567446
Conc: 47.80 ng/ml



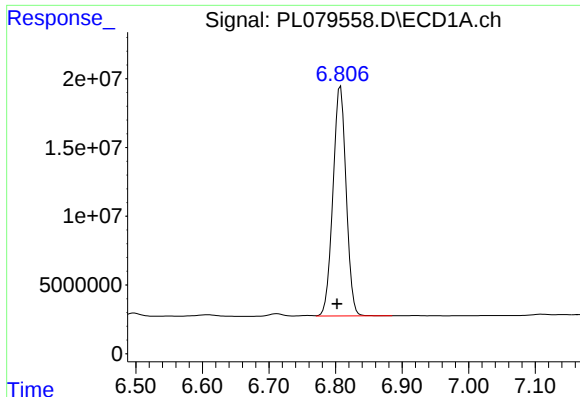
#16 4,4'-DDD

R.T.: 6.496 min
Delta R.T.: 0.003 min
Response: 3934353
Conc: 1.98 ng/ml m



#16 4,4'-DDD

R.T.: 5.526 min
Delta R.T.: 0.005 min
Response: 4561605
Conc: 1.82 ng/ml m



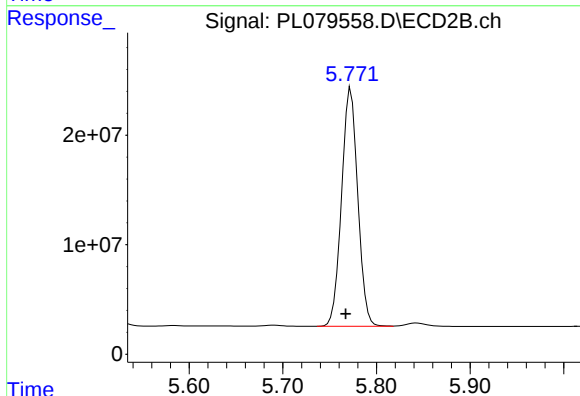
#17 4,4'-DDT

R.T.: 6.808 min
Delta R.T.: 0.005 min
Response: 230487805
Conc: 101.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

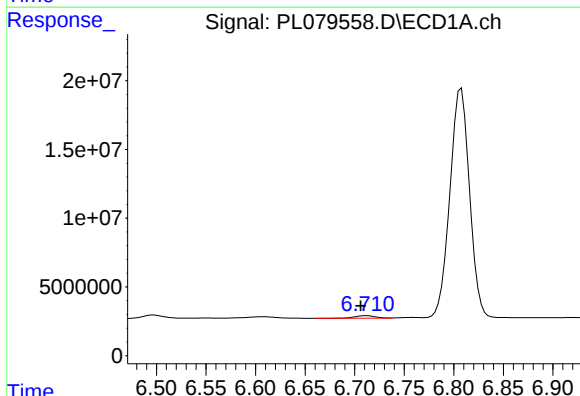
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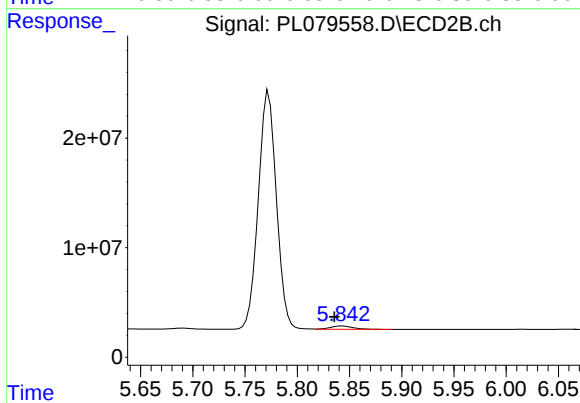
#17 4,4'-DDT

R.T.: 5.773 min
Delta R.T.: 0.005 min
Response: 262454401
Conc: 100.42 ng/ml



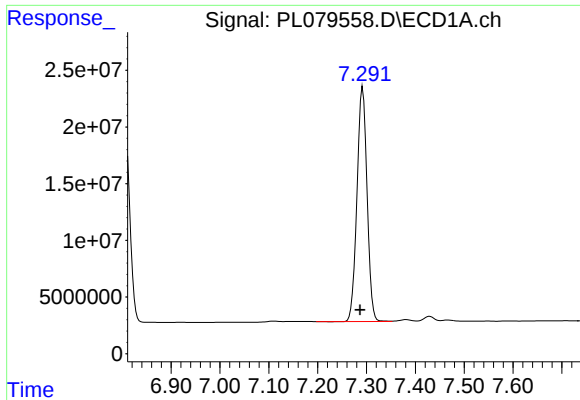
#18 Endrin aldehyde

R.T.: 6.712 min
Delta R.T.: 0.006 min
Response: 2719912
Conc: 1.50 ng/ml



#18 Endrin aldehyde

R.T.: 5.843 min
Delta R.T.: 0.008 min
Response: 4600051
Conc: 2.16 ng/ml



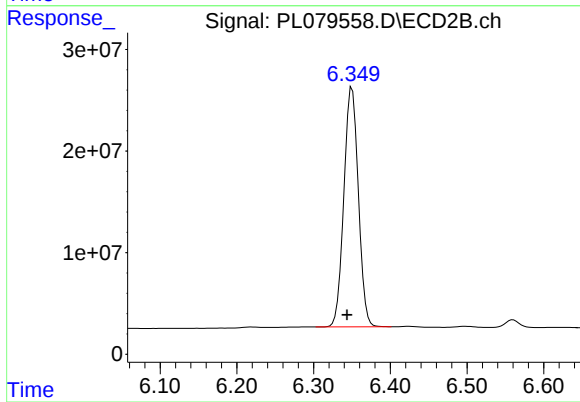
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: 0.006 min
Response: 296468709
Conc: 245.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

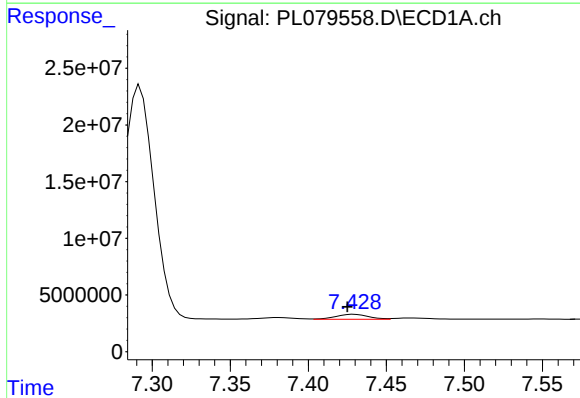
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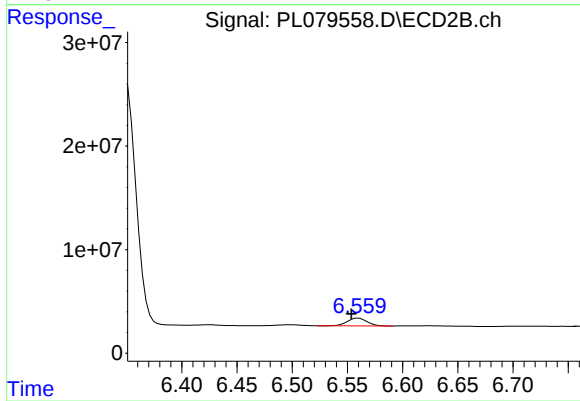
#20 Methoxychlor

R.T.: 6.350 min
Delta R.T.: 0.006 min
Response: 310974178
Conc: 228.80 ng/ml



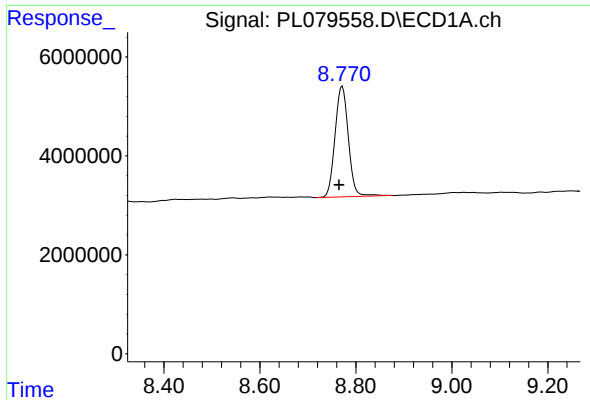
#21 Endrin ketone

R.T.: 7.429 min
Delta R.T.: 0.005 min
Response: 6330492
Conc: 2.57 ng/ml



#21 Endrin ketone

R.T.: 6.560 min
Delta R.T.: 0.006 min
Response: 9293112
Conc: 3.02 ng/ml



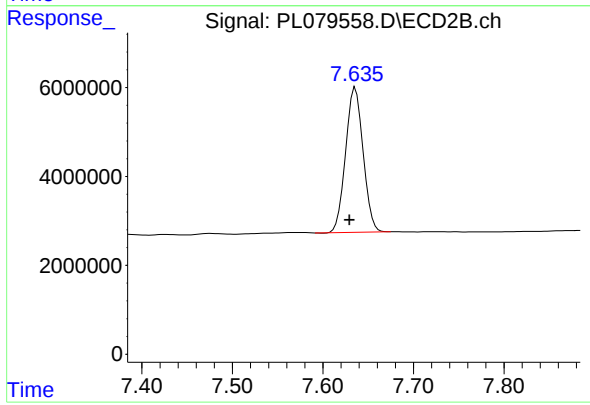
#28 Decachlorobiphenyl

R.T.: 8.771 min
Delta R.T.: 0.006 min
Response: 43091759
Conc: 22.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.636 min
Delta R.T.: 0.007 min
Response: 43768214
Conc: 18.63 ng/ml