

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112222\
 Data File : PL079350.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2022 09:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/23/2022
 Supervised By :Ankita Jodhani 11/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 20:37:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL111622.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 16 15:31:11 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	2.568	45116143	52047955	21.665	20.436
28)	SA Decachlor...	8.769	7.633	36834164	42785206	22.020	20.625
Target Compounds							
2)	A alpha-BHC	3.782	3.054	32062209	39921109	10.175	9.873
3)	MA gamma-BHC...	4.115	3.374	31399364	36467985	10.461	10.279
6)	B beta-BHC	4.330	3.675	15108491	17447366	11.489	12.481
12)	B 4,4'-DDE	5.971	4.974	444035	486308	0.194m	0.170
14)	MA Endrin	6.349	5.364	104.9E6	124.0E6	47.389	47.472
16)	A 4,4'-DDD	6.496	5.525	8351681	11044576	4.755	4.723
17)	MA 4,4'-DDT	6.806	5.771	207.4E6	230.1E6	99.482	94.281
18)	B Endrin al...	6.708	5.839	3721498	6301123	2.328m	3.019m#
20)	A Methoxychlor	7.291	6.348	271.4E6	280.6E6	254.586	212.385
21)	B Endrin ke...	7.428	6.557	8842000	13676008	4.247	4.835

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

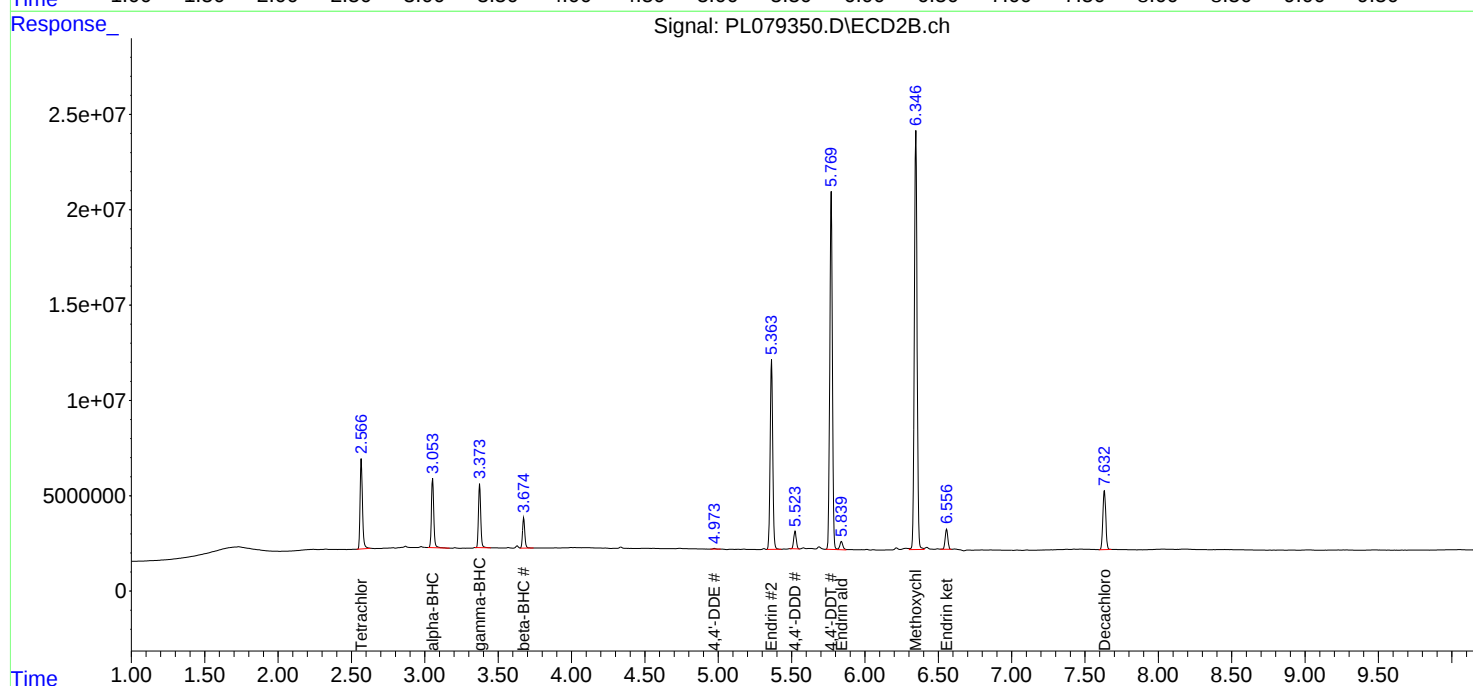
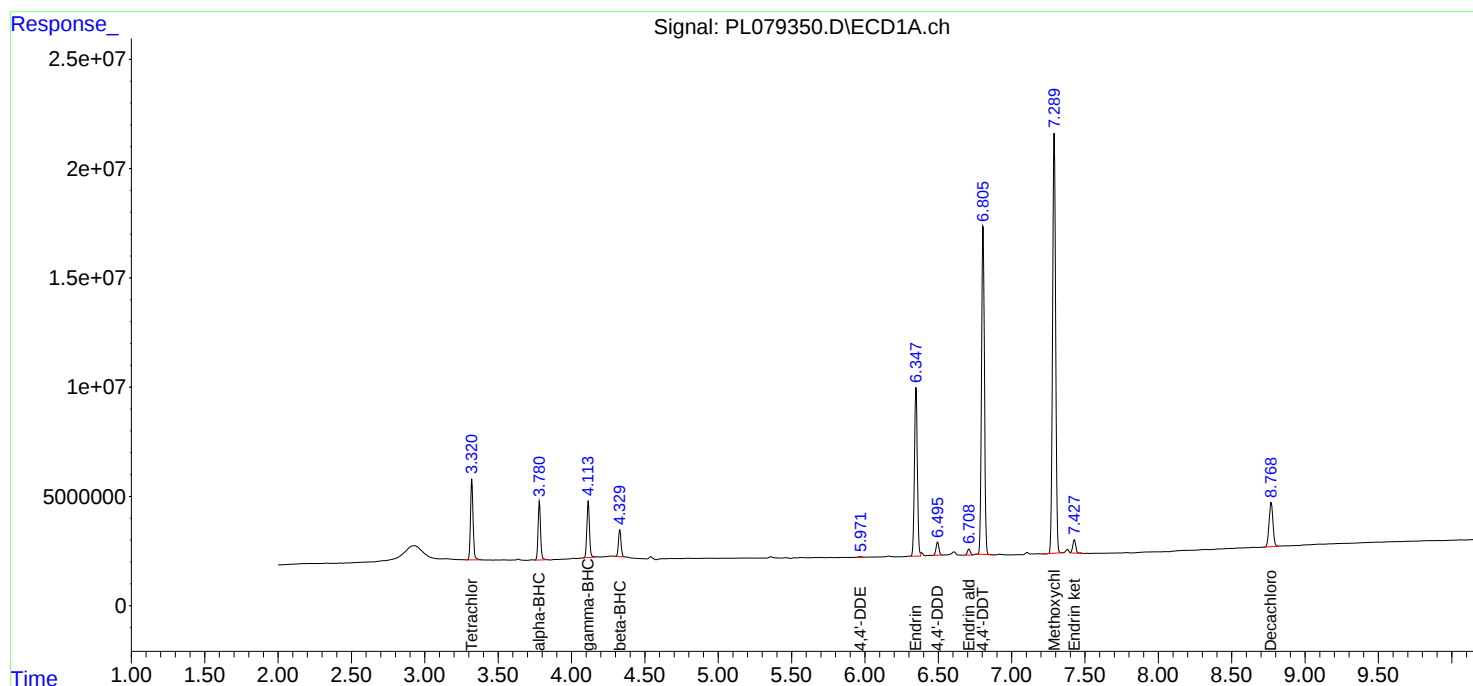
Instrument :
ECD_L
ClientSampleId :
PEM

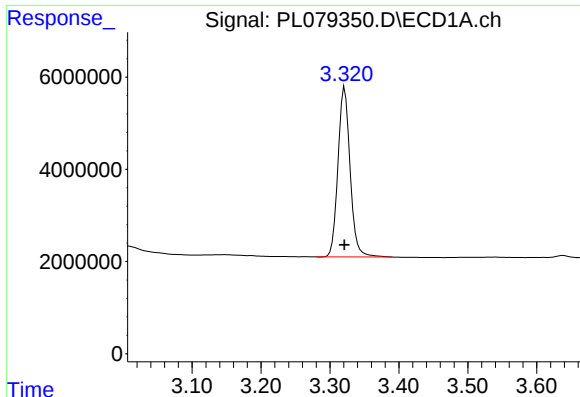
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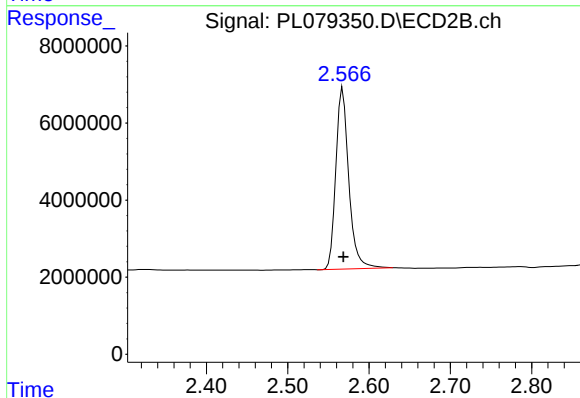
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: 0.000 min
Response: 45116143
Conc: 21.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

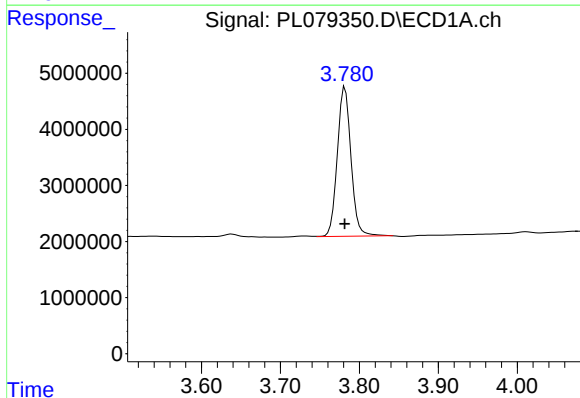
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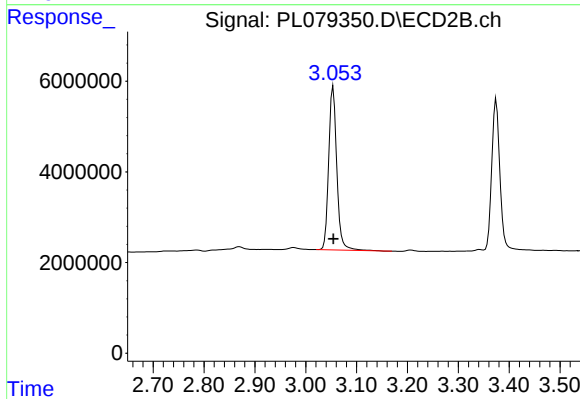
#1 Tetrachloro-m-xylene

R.T.: 2.568 min
Delta R.T.: 0.000 min
Response: 52047955
Conc: 20.44 ng/ml



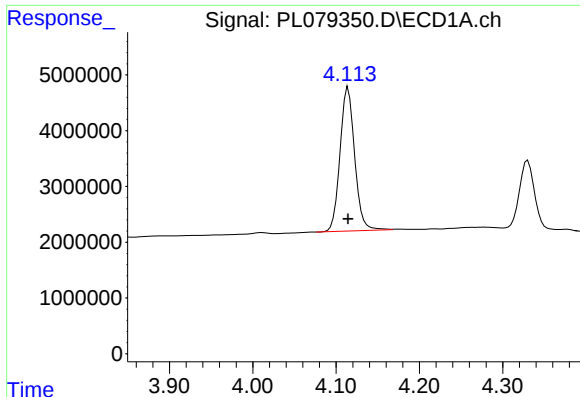
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 32062209
Conc: 10.17 ng/ml



#2 alpha-BHC

R.T.: 3.054 min
Delta R.T.: 0.000 min
Response: 39921109
Conc: 9.87 ng/ml



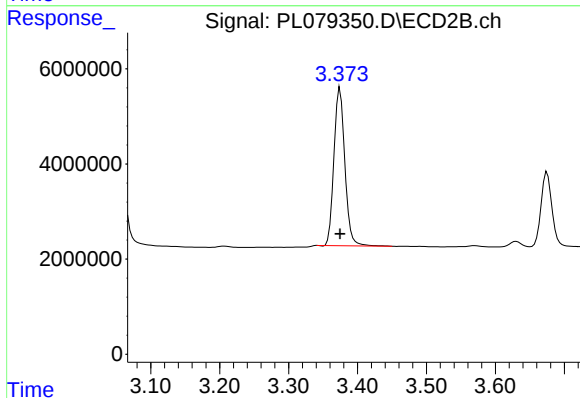
#3 gamma-BHC (Lindane)

R.T.: 4.115 min
Delta R.T.: 0.000 min
Response: 31399364
Conc: 10.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

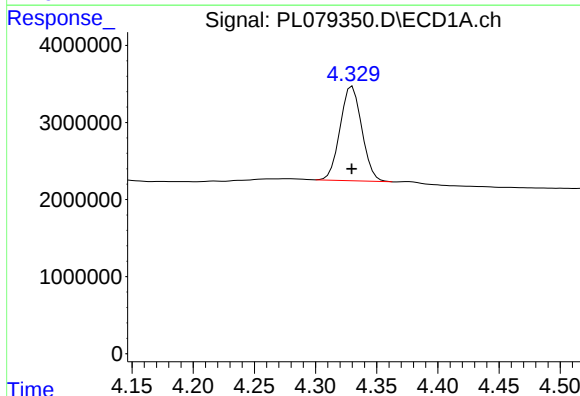
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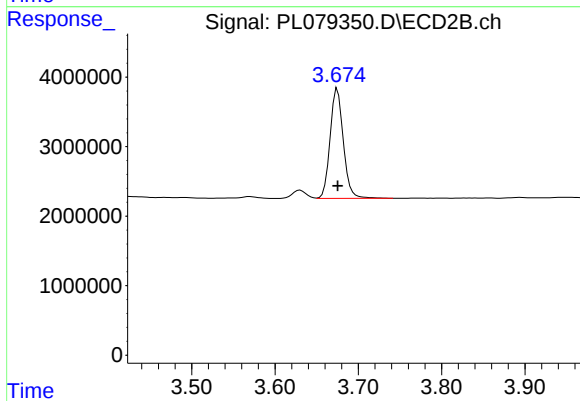
#3 gamma-BHC (Lindane)

R.T.: 3.374 min
Delta R.T.: 0.000 min
Response: 36467985
Conc: 10.28 ng/ml



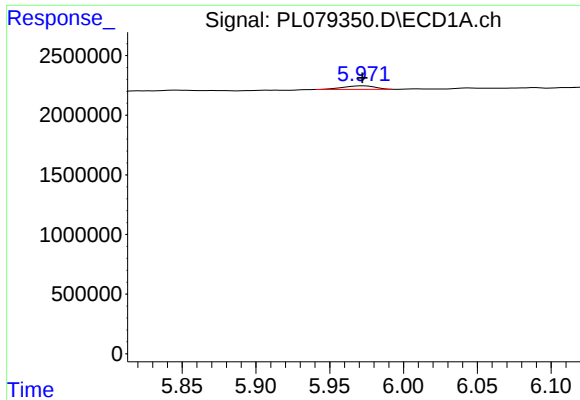
#6 beta-BHC

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 15108491
Conc: 11.49 ng/ml



#6 beta-BHC

R.T.: 3.675 min
Delta R.T.: 0.000 min
Response: 17447366
Conc: 12.48 ng/ml



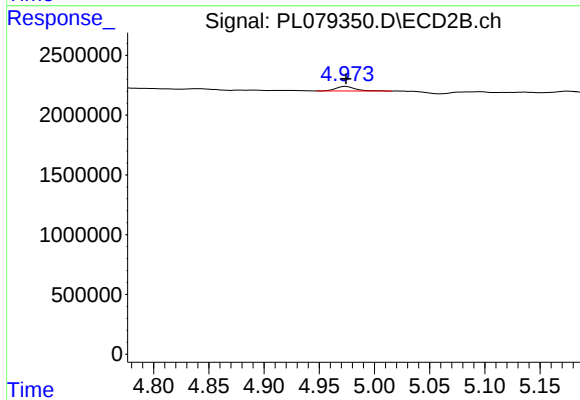
#12 4,4'-DDE

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 444035
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

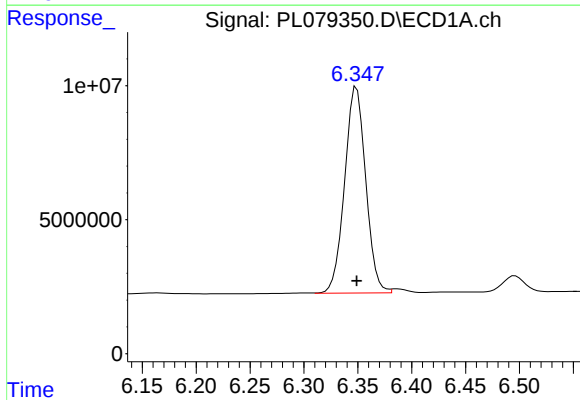
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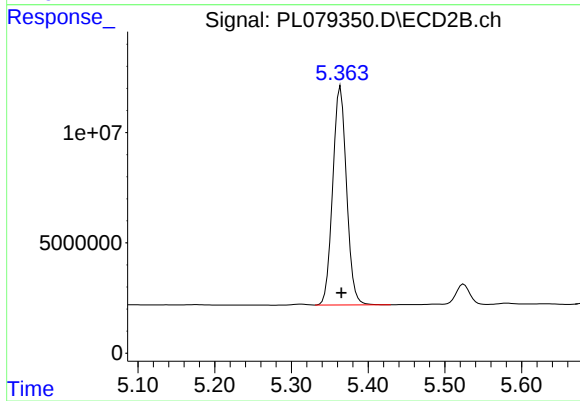
#12 4,4'-DDE

R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 486308
Conc: 0.17 ng/ml



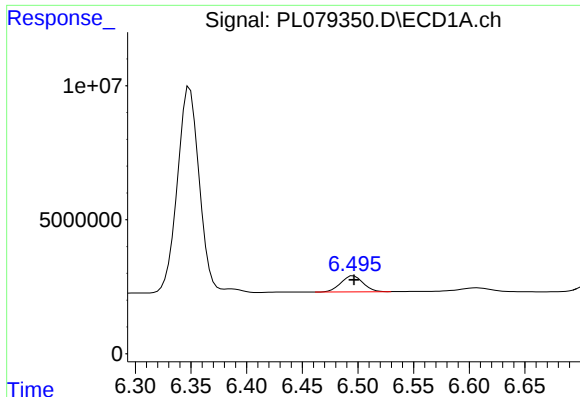
#14 Endrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 104862996
Conc: 47.39 ng/ml



#14 Endrin

R.T.: 5.364 min
Delta R.T.: -0.001 min
Response: 123988689
Conc: 47.47 ng/ml



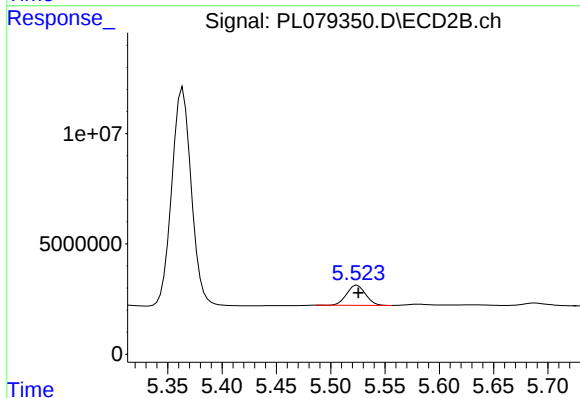
#16 4,4'-DDD

R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 8351681
Conc: 4.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

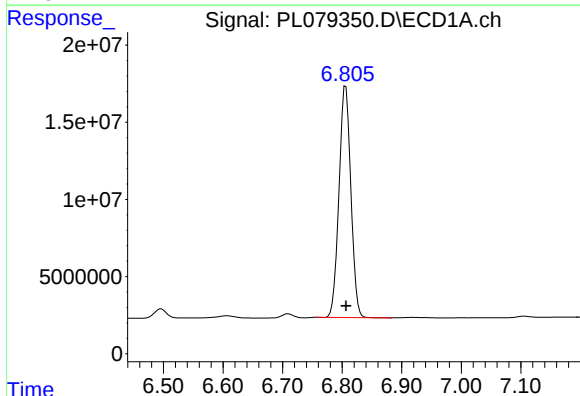
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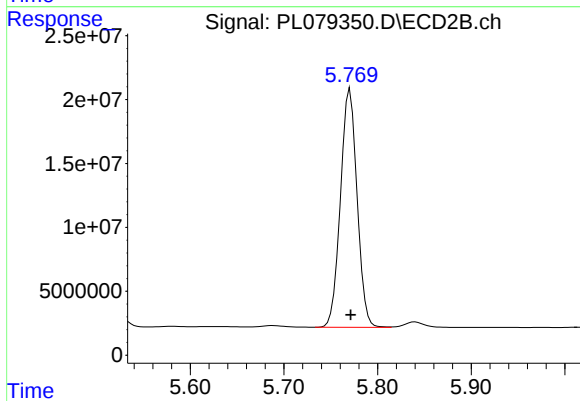
#16 4,4'-DDD

R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 11044576
Conc: 4.72 ng/ml



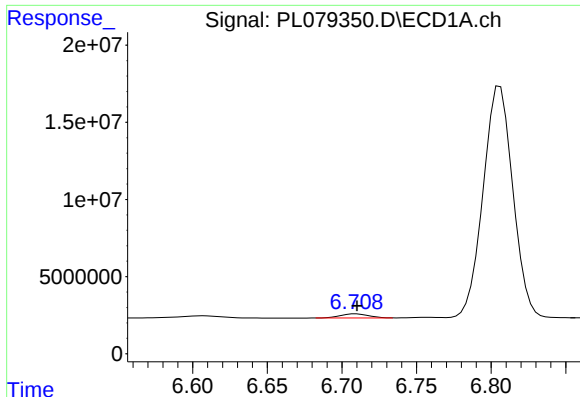
#17 4,4'-DDT

R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 207367949
Conc: 99.48 ng/ml



#17 4,4'-DDT

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 230122270
Conc: 94.28 ng/ml



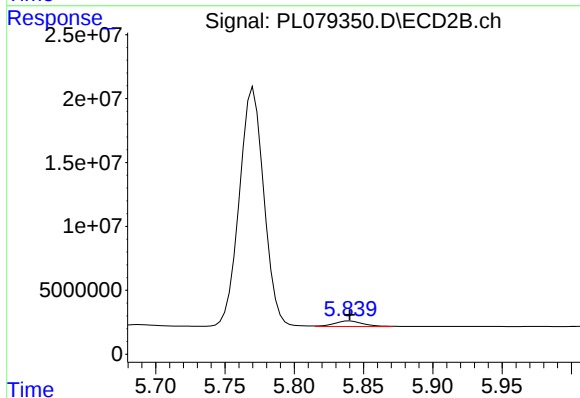
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 3721498
Conc: 2.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

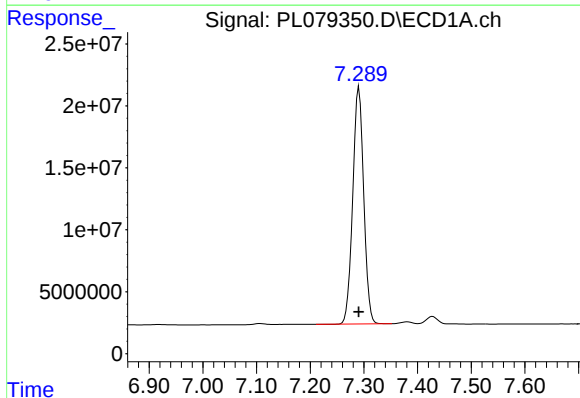
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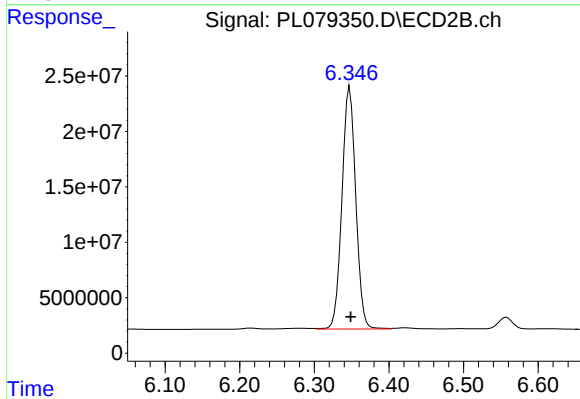
#18 Endrin aldehyde

R.T.: 5.839 min
Delta R.T.: -0.001 min
Response: 6301123
Conc: 3.02 ng/ml m



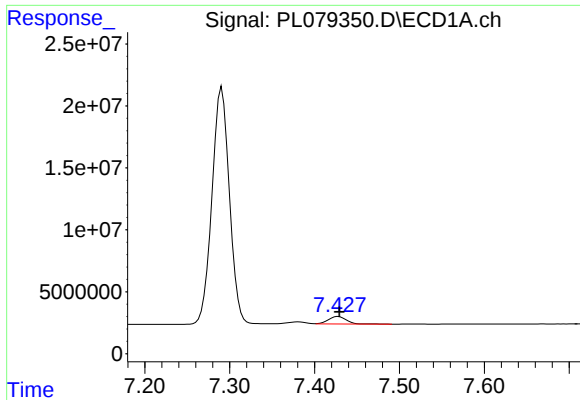
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: 0.000 min
Response: 271405393
Conc: 254.59 ng/ml



#20 Methoxychlor

R.T.: 6.348 min
Delta R.T.: -0.001 min
Response: 280575548
Conc: 212.39 ng/ml



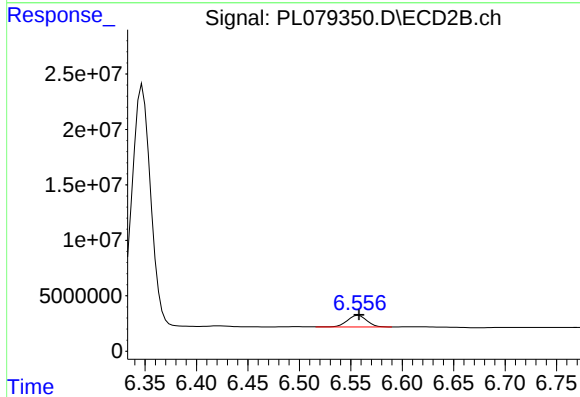
#21 Endrin ketone

R.T.: 7.428 min
Delta R.T.: -0.001 min
Response: 8842000
Conc: 4.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

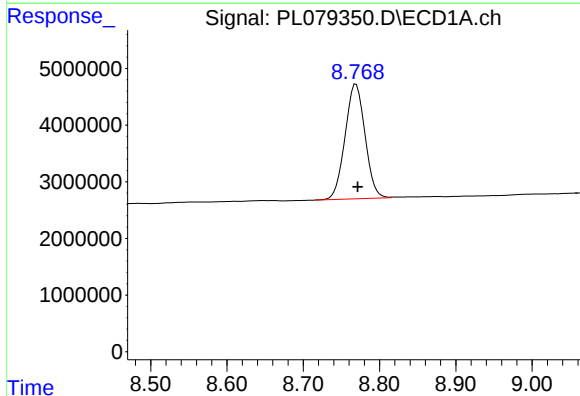
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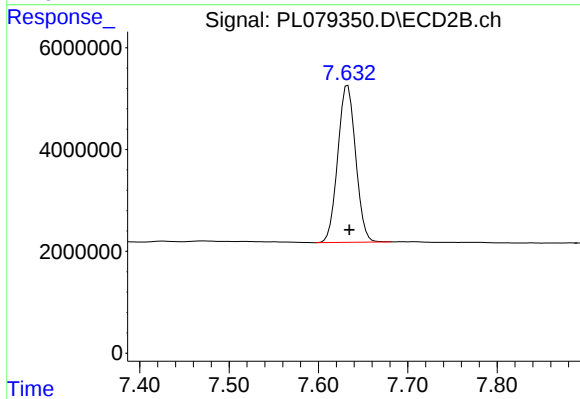
#21 Endrin ketone

R.T.: 6.557 min
Delta R.T.: 0.000 min
Response: 13676008
Conc: 4.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.769 min
Delta R.T.: -0.002 min
Response: 36834164
Conc: 22.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.633 min
Delta R.T.: -0.002 min
Response: 42785206
Conc: 20.62 ng/ml