

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121922\
 Data File : PL079785.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2022 18:52
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/20/2022
 Supervised By : Ankita Jodhani 12/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 20:43:08 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...	3.315	2.562	46696975	58202752	20.671	21.382
28)	SA Decachlor...	8.764	7.629	38721421	48449313	19.938	20.623
Target Compounds							
2)	A alpha-BHC	3.775	3.049	32763764	47264830	9.528	10.961
3)	MA gamma-BHC...	4.109	3.369	32070399	41067567	9.896	10.547
6)	B beta-BHC	4.325	3.670	15153351	18981466	10.732	12.528
12)	B 4,4'-DDE	5.966	4.968	752723	770594	0.301	0.251
14)	MA Endrin	6.342	5.359	106.2E6	141.2E6	43.889m	46.675
16)	A 4,4'-DDD	6.492	5.520	13721073	19287018	6.916	7.710
17)	MA 4,4'-DDT	6.801	5.765	216.4E6	264.7E6	95.413	101.295
18)	B Endrin al...	6.706	5.835	5446630	8861225	3.007	4.163 #
20)	A Methoxychlor	7.286	6.343	280.4E6	319.7E6	232.452	235.187
21)	B Endrin ke...	7.424	6.553	11565526	20297235	4.688	6.590 #

(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

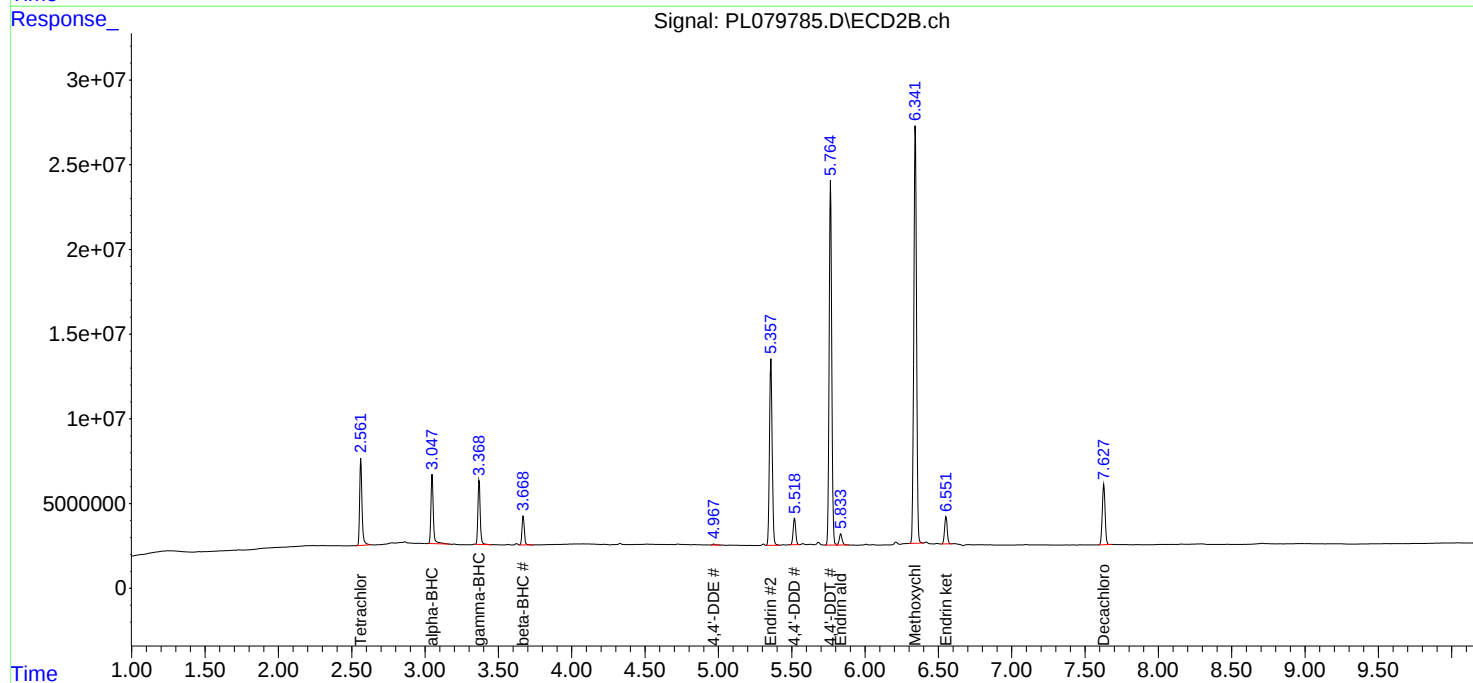
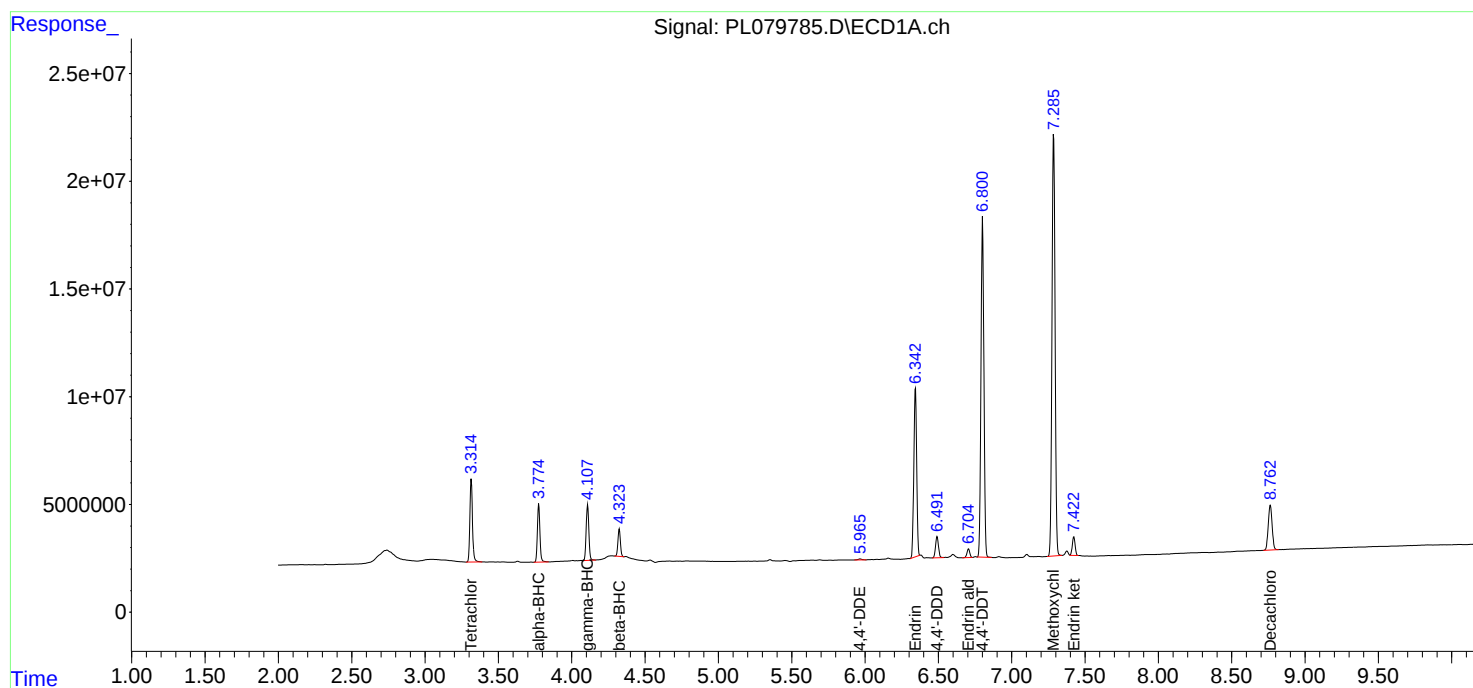
Instrument :
ECD_L
ClientSampleId :
PEM

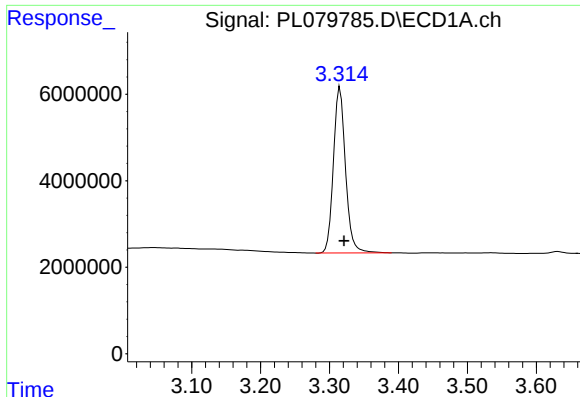
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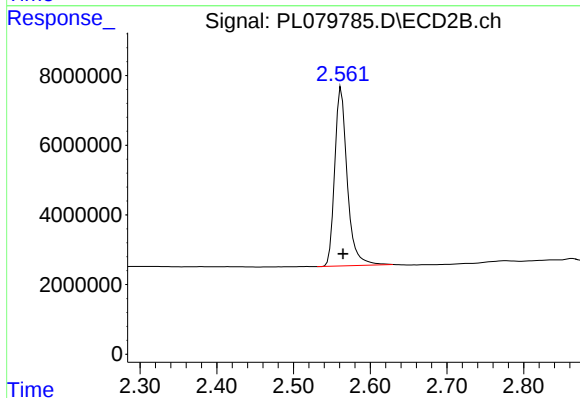
#1 Tetrachloro-m-xylene

R.T.: 3.315 min
Delta R.T.: -0.006 min
Response: 46696975
Conc: 20.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

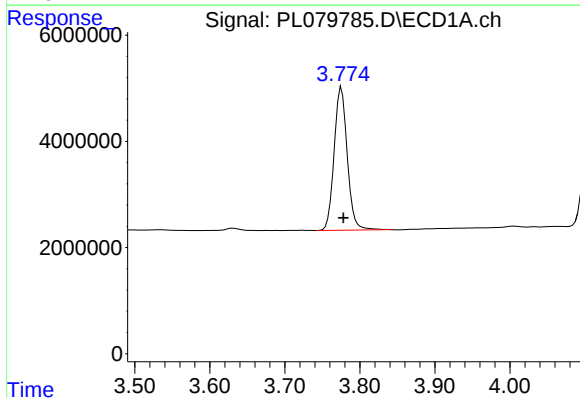
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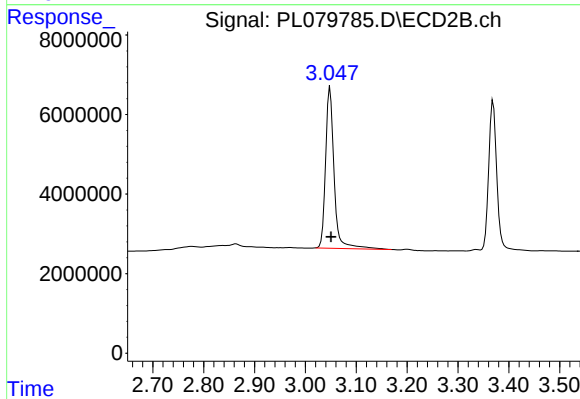
#1 Tetrachloro-m-xylene

R.T.: 2.562 min
Delta R.T.: -0.002 min
Response: 58202752
Conc: 21.38 ng/ml



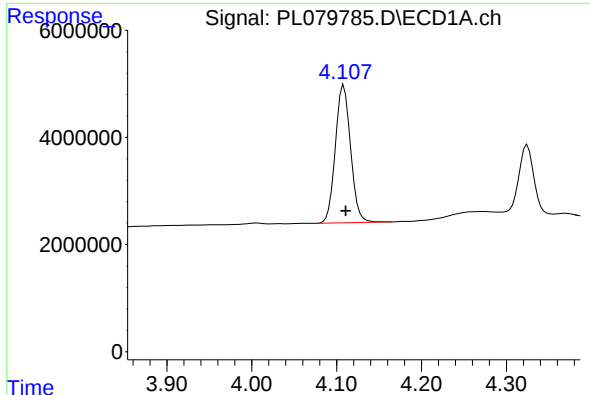
#2 alpha-BHC

R.T.: 3.775 min
Delta R.T.: -0.003 min
Response: 32763764
Conc: 9.53 ng/ml



#2 alpha-BHC

R.T.: 3.049 min
Delta R.T.: -0.002 min
Response: 47264830
Conc: 10.96 ng/ml



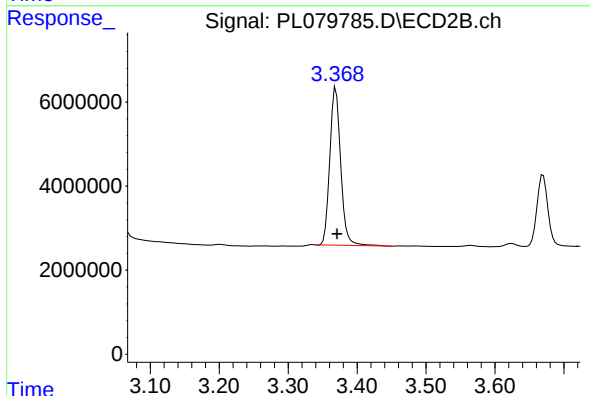
#3 gamma-BHC (Lindane)

R.T.: 4.109 min
Delta R.T.: -0.002 min
Response: 32070399
Conc: 9.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

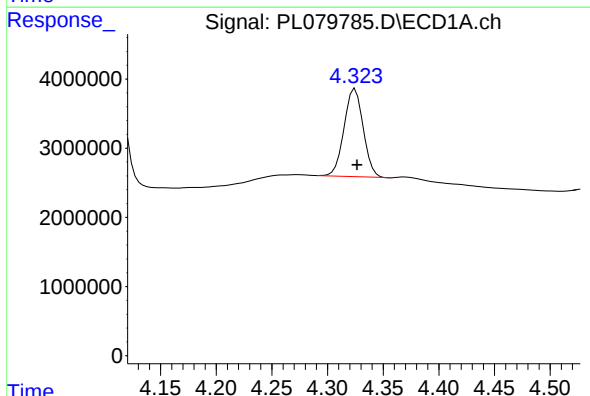
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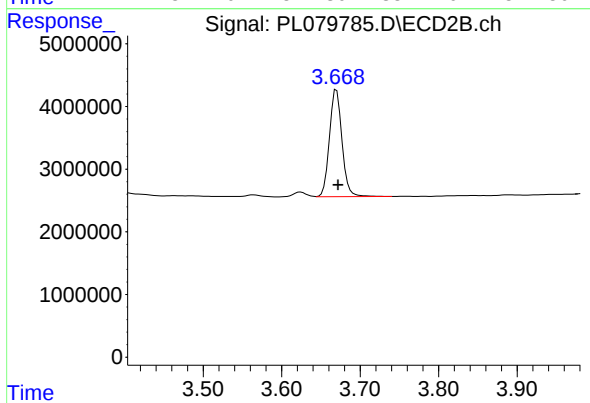
#3 gamma-BHC (Lindane)

R.T.: 3.369 min
Delta R.T.: -0.002 min
Response: 41067567
Conc: 10.55 ng/ml



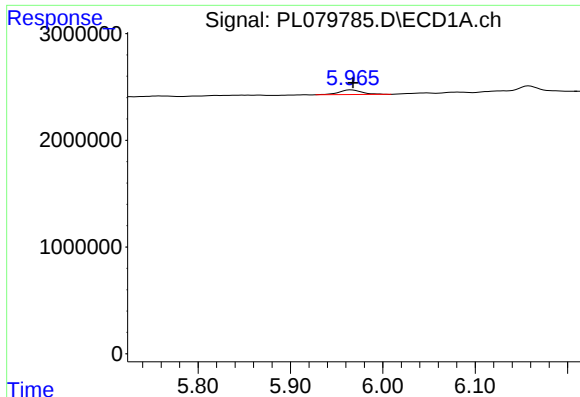
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 15153351
Conc: 10.73 ng/ml



#6 beta-BHC

R.T.: 3.670 min
Delta R.T.: -0.002 min
Response: 18981466
Conc: 12.53 ng/ml



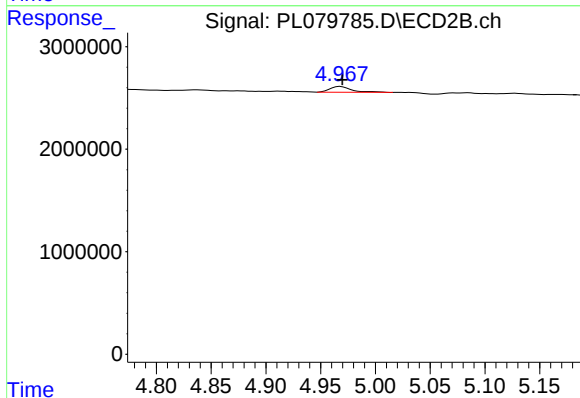
#12 4,4'-DDE

R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 752723
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

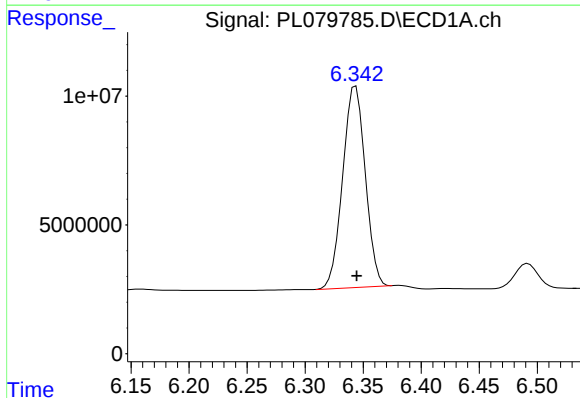
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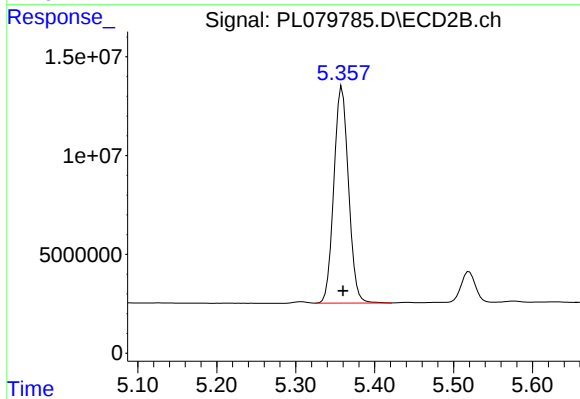
#12 4,4'-DDE

R.T.: 4.968 min
Delta R.T.: -0.002 min
Response: 770594
Conc: 0.25 ng/ml



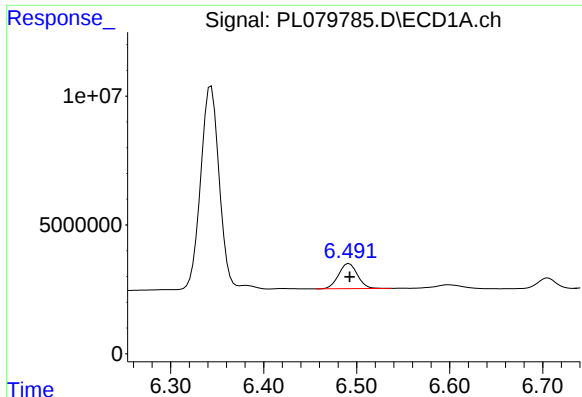
#14 Endrin

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 106175911
Conc: 43.89 ng/ml m



#14 Endrin

R.T.: 5.359 min
Delta R.T.: -0.001 min
Response: 141180311
Conc: 46.68 ng/ml



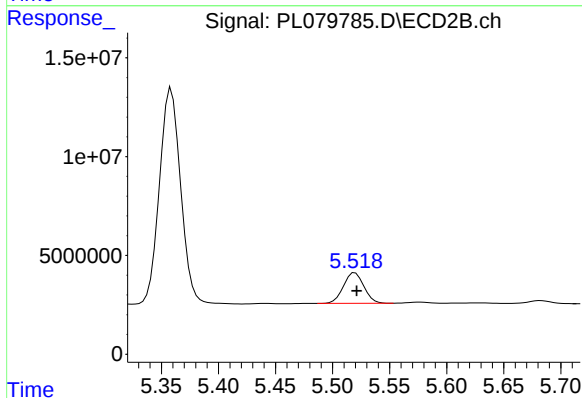
#16 4,4'-DDD

R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 13721073
Conc: 6.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

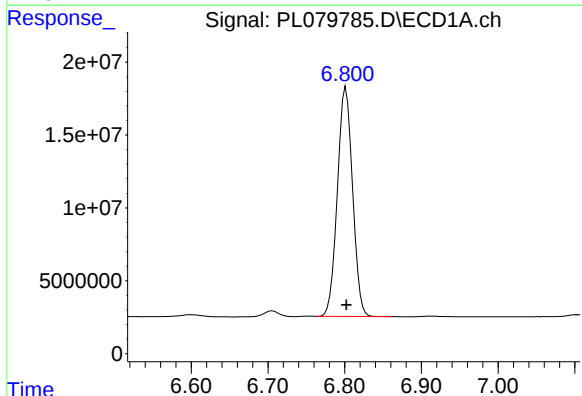
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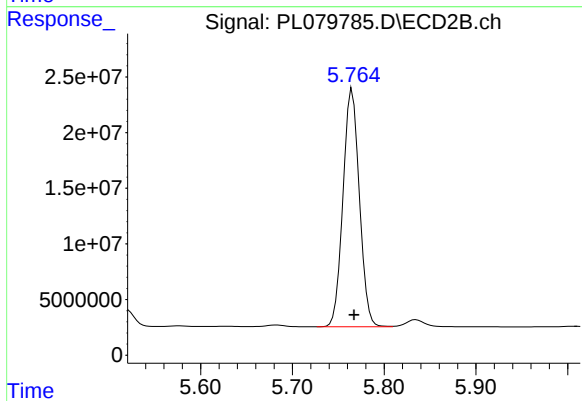
#16 4,4'-DDD

R.T.: 5.520 min
Delta R.T.: -0.001 min
Response: 19287018
Conc: 7.71 ng/ml



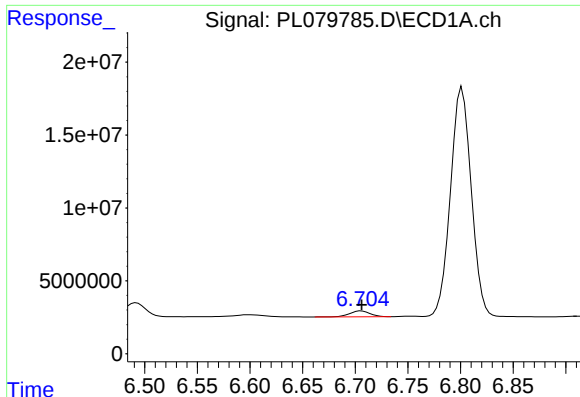
#17 4,4'-DDT

R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 216430490
Conc: 95.41 ng/ml



#17 4,4'-DDT

R.T.: 5.765 min
Delta R.T.: -0.002 min
Response: 264742550
Conc: 101.29 ng/ml



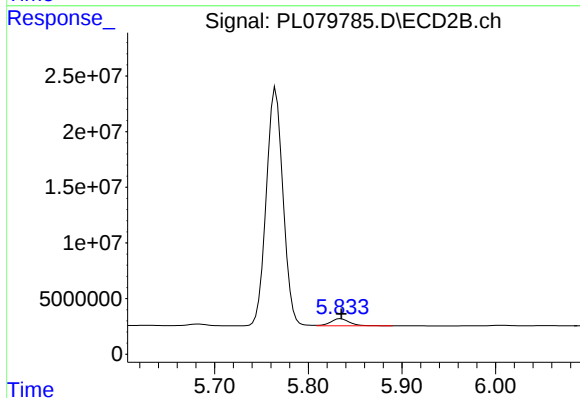
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 5446630
Conc: 3.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

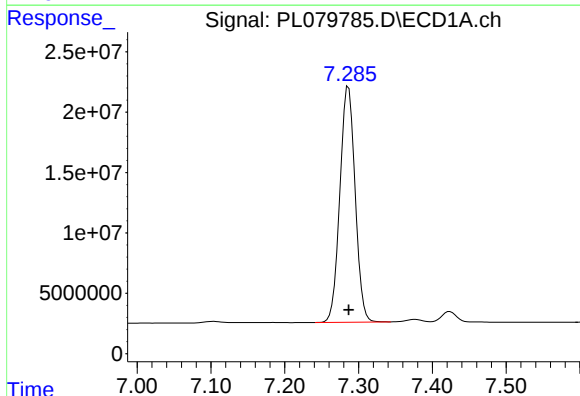
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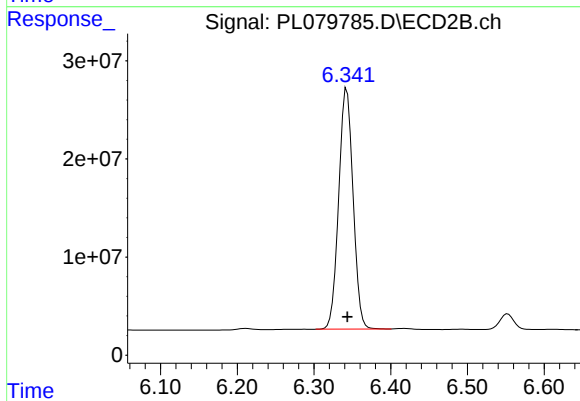
#18 Endrin aldehyde

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 8861225
Conc: 4.16 ng/ml



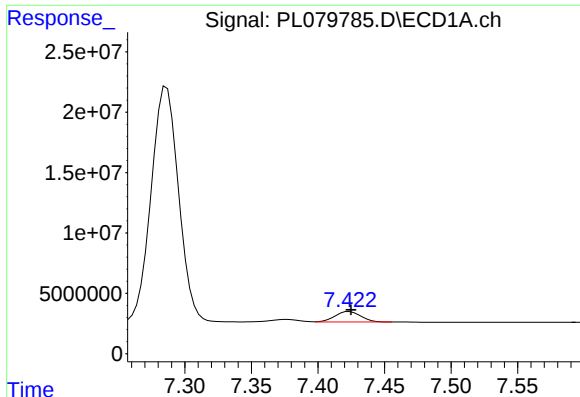
#20 Methoxychlor

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 280427274
Conc: 232.45 ng/ml



#20 Methoxychlor

R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 319658106
Conc: 235.19 ng/ml



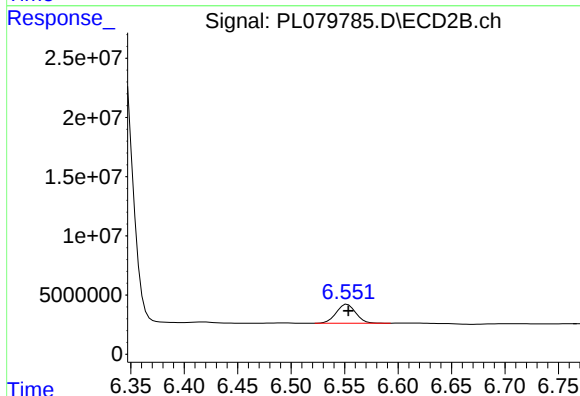
#21 Endrin ketone

R.T.: 7.424 min
Delta R.T.: -0.001 min
Response: 11565526
Conc: 4.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

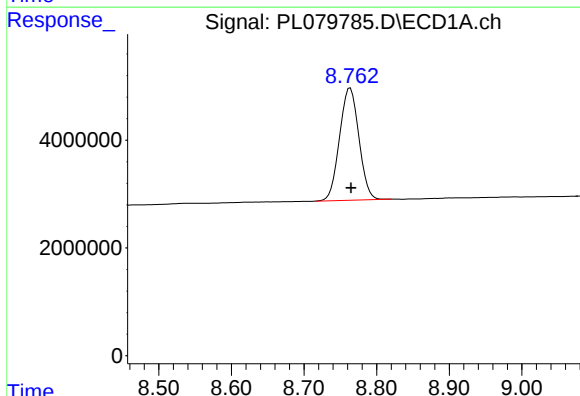
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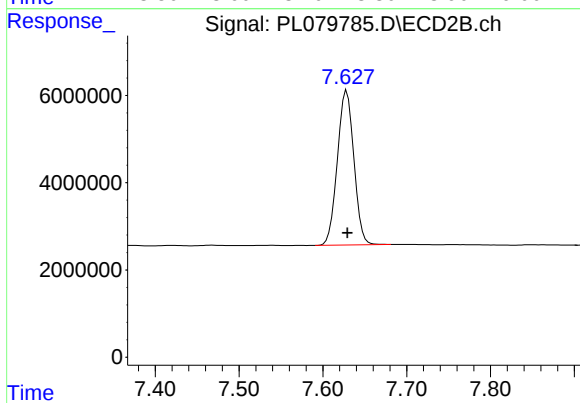
#21 Endrin ketone

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 20297235
Conc: 6.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.764 min
Delta R.T.: -0.001 min
Response: 38721421
Conc: 19.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 48449313
Conc: 20.62 ng/ml