

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112322\
 Data File : PL079392.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Nov 2022 18:31
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/25/2022
 Supervised By : Ankita Jodhani 11/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 24 00:11:36 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...	3.318	2.565	43559638	53514028	19.282	19.660
28)	SA Decachlor...	8.766	7.630	39397633	47918424	20.286	20.397
Target Compounds							
2)	A alpha-BHC	3.778	3.051	30230190	41722252	8.791	9.676
3)	MA gamma-BHC...	4.111	3.372	29556649	37910984	9.120	9.737
6)	B beta-BHC	4.326	3.672	14244306	17474357	10.088	11.533
12)	B 4,4'-DDE	5.966	4.972	632880	180762	0.253	0.059 #
14)	MA Endrin	6.345	5.361	114.6E6	140.3E6	47.391	46.390
16)	A 4,4'-DDD	6.494	5.521	1264438	1928003	0.637	0.771m
17)	MA 4,4'-DDT	6.803	5.768	228.0E6	263.4E6	100.514	100.788
18)	B Endrin al...	6.706	5.837	2397872	4936882	1.324	2.320 #
20)	A Methoxychlor	7.288	6.344	298.5E6	315.4E6	247.450	232.019
21)	B Endrin ke...	7.425	6.553	4525622	6872431	1.834	2.231m

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

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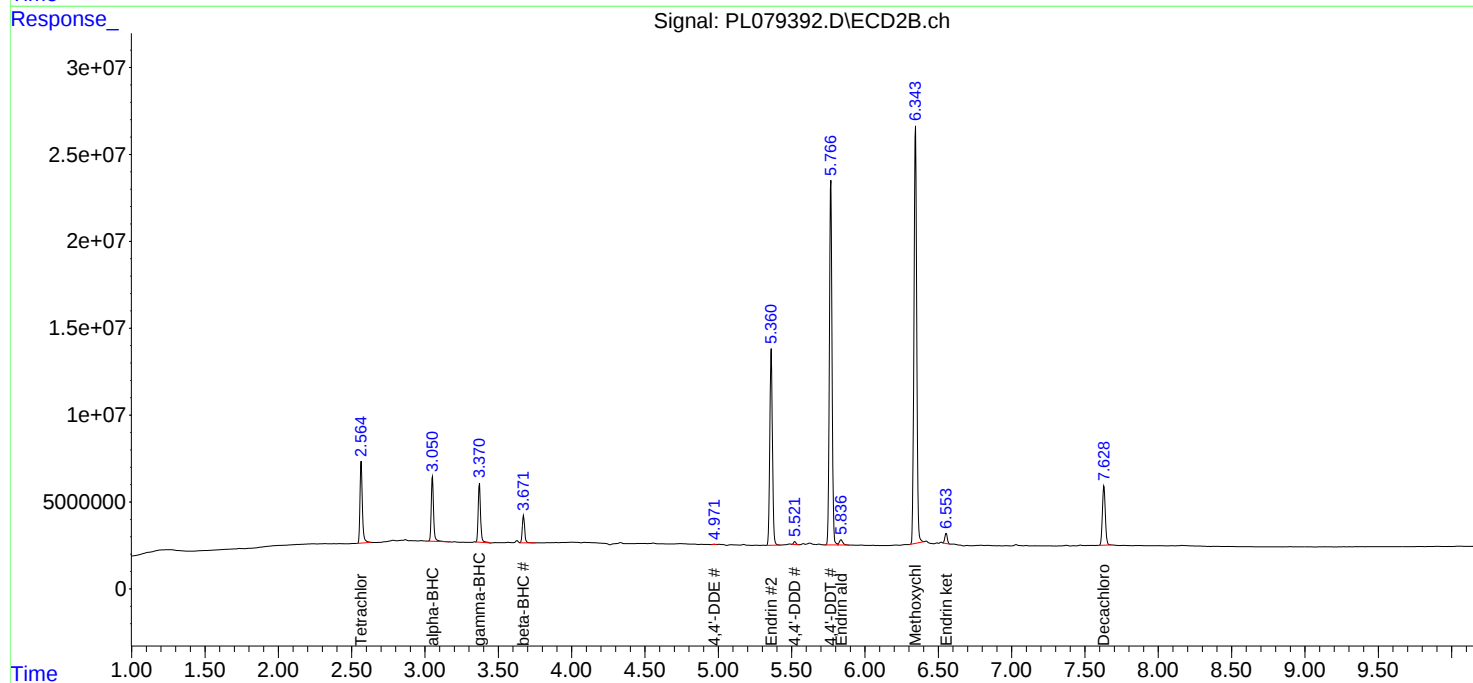
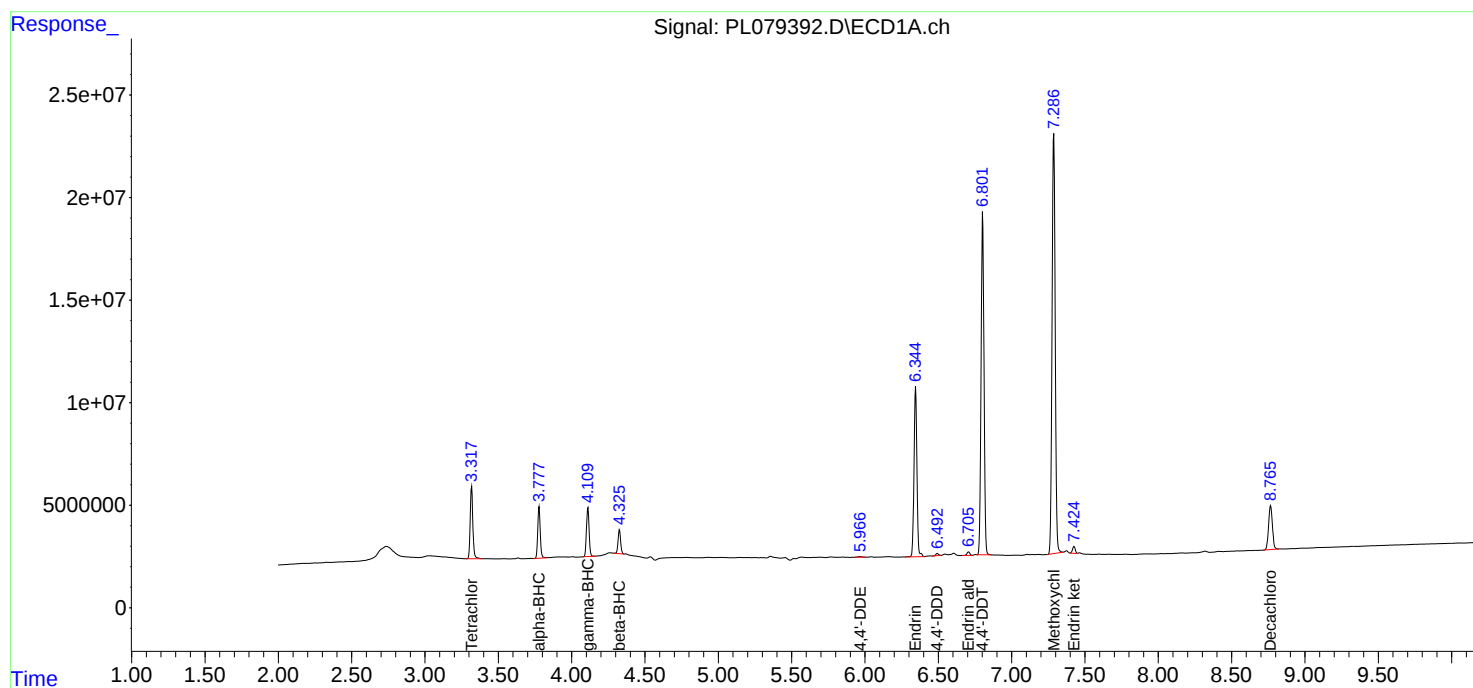
Instrument :
ECD_L
ClientSampleId :
PEM

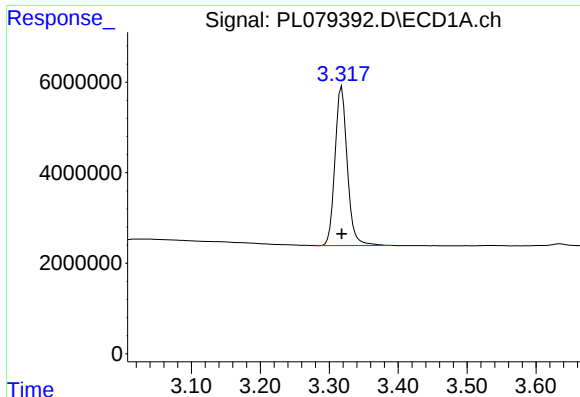
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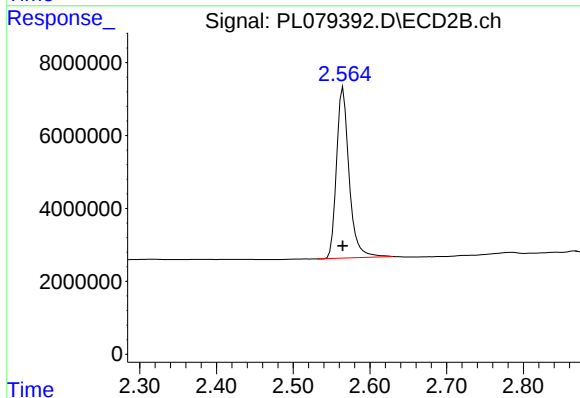
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 43559638
Conc: 19.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

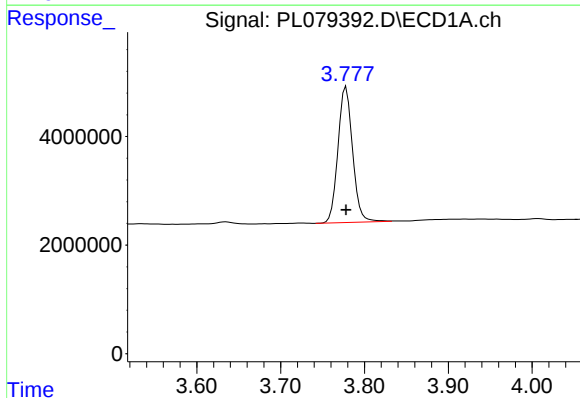
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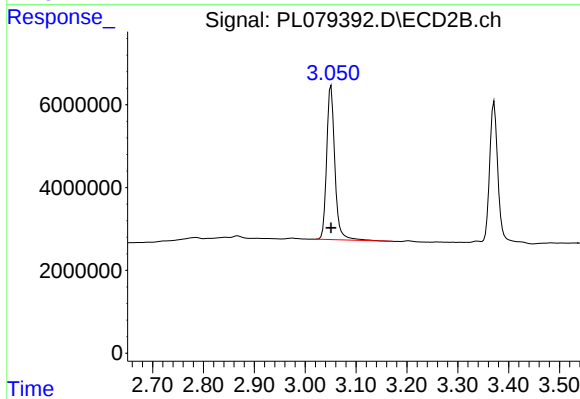
#1 Tetrachloro-m-xylene

R.T.: 2.565 min
Delta R.T.: 0.000 min
Response: 53514028
Conc: 19.66 ng/ml



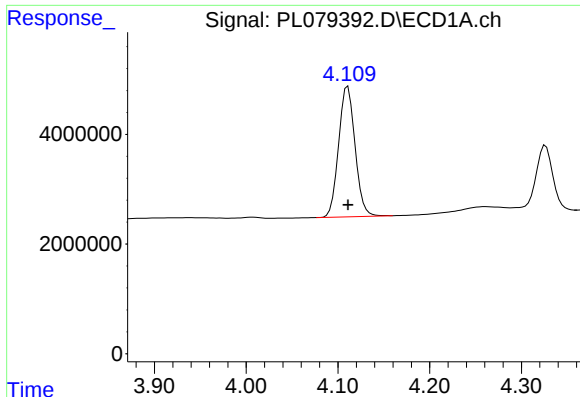
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 30230190
Conc: 8.79 ng/ml



#2 alpha-BHC

R.T.: 3.051 min
Delta R.T.: 0.000 min
Response: 41722252
Conc: 9.68 ng/ml



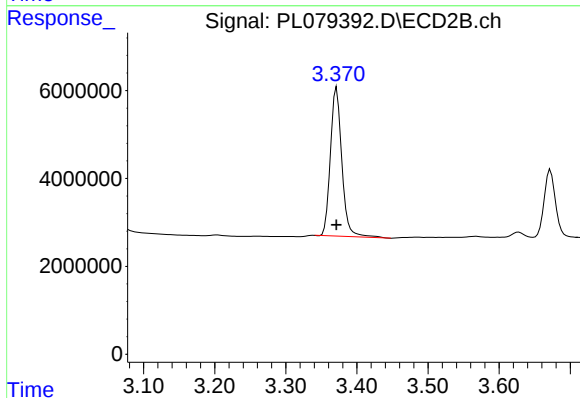
#3 gamma-BHC (Lindane)

R.T.: 4.111 min
Delta R.T.: 0.000 min
Response: 29556649
Conc: 9.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

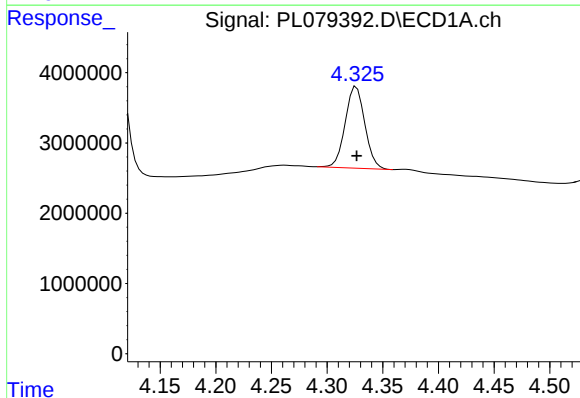
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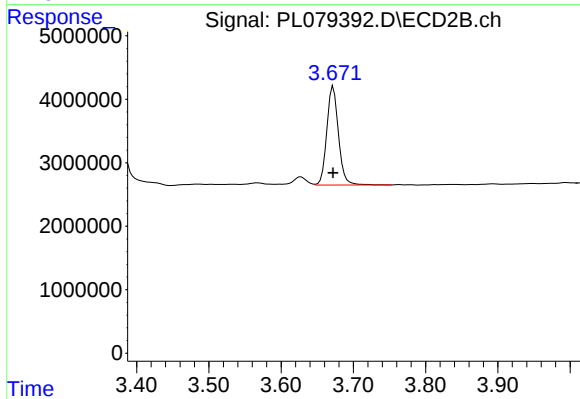
#3 gamma-BHC (Lindane)

R.T.: 3.372 min
Delta R.T.: 0.000 min
Response: 37910984
Conc: 9.74 ng/ml



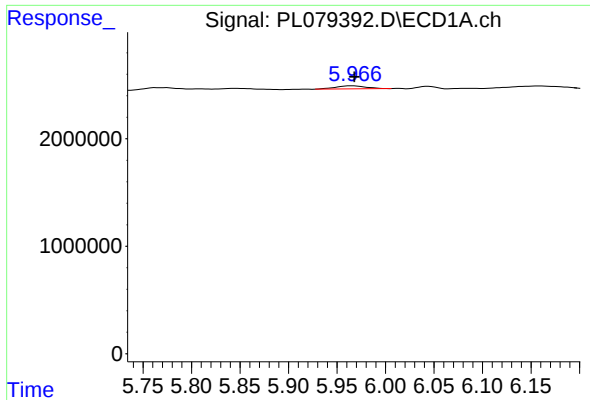
#6 beta-BHC

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 14244306
Conc: 10.09 ng/ml



#6 beta-BHC

R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 17474357
Conc: 11.53 ng/ml



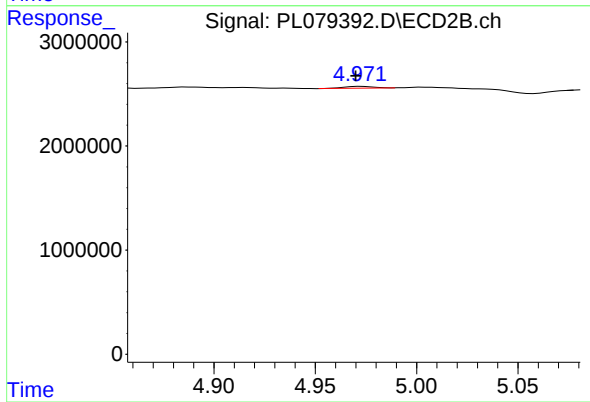
#12 4,4'-DDE

R.T.: 5.966 min
Delta R.T.: -0.001 min
Response: 632880
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

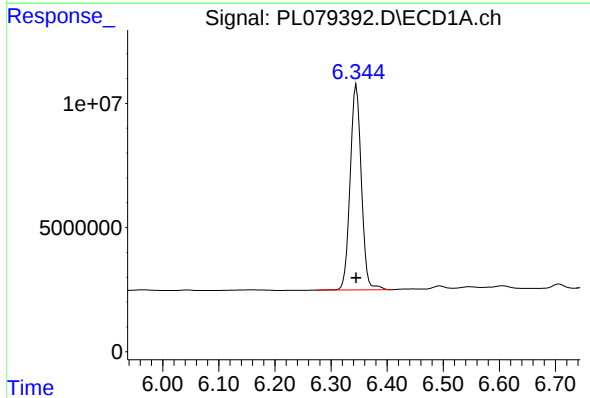
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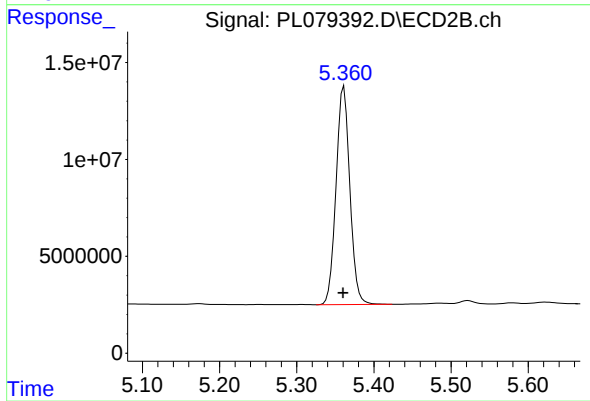
#12 4,4'-DDE

R.T.: 4.972 min
Delta R.T.: 0.002 min
Response: 180762
Conc: 0.06 ng/ml



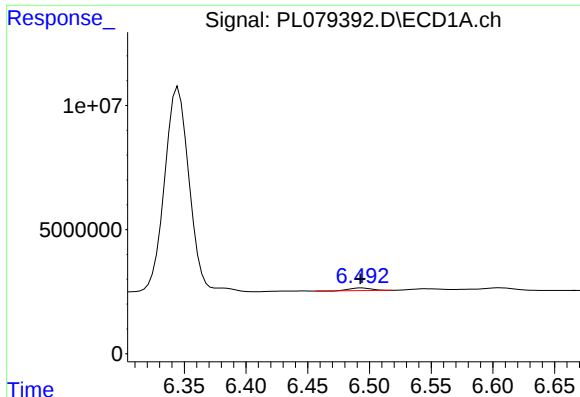
#14 Endrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 114647524
Conc: 47.39 ng/ml



#14 Endrin

R.T.: 5.361 min
Delta R.T.: 0.001 min
Response: 140318544
Conc: 46.39 ng/ml



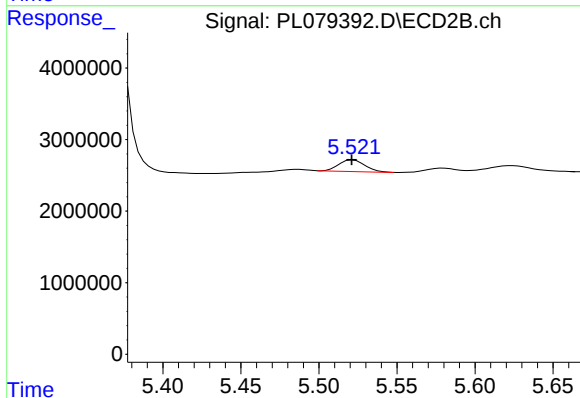
#16 4,4'-DDD

R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 1264438
Conc: 0.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

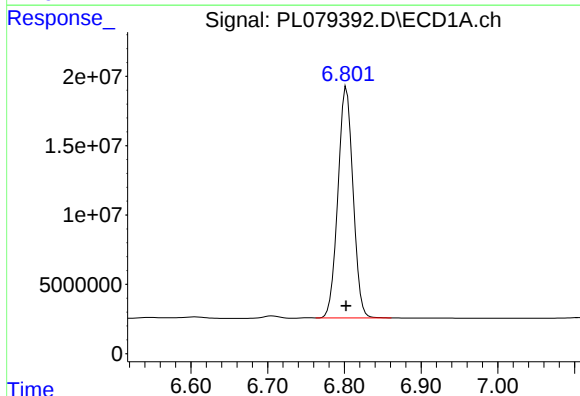
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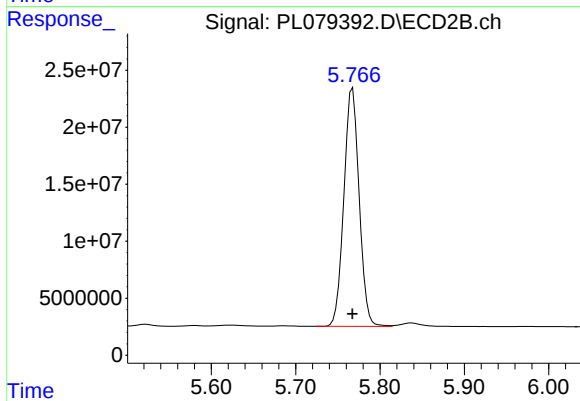
#16 4,4'-DDD

R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 1928003
Conc: 0.77 ng/ml m



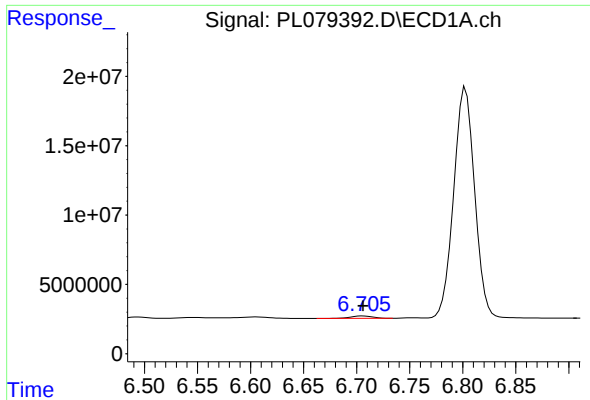
#17 4,4'-DDT

R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 228002157
Conc: 100.51 ng/ml



#17 4,4'-DDT

R.T.: 5.768 min
Delta R.T.: 0.000 min
Response: 263418910
Conc: 100.79 ng/ml



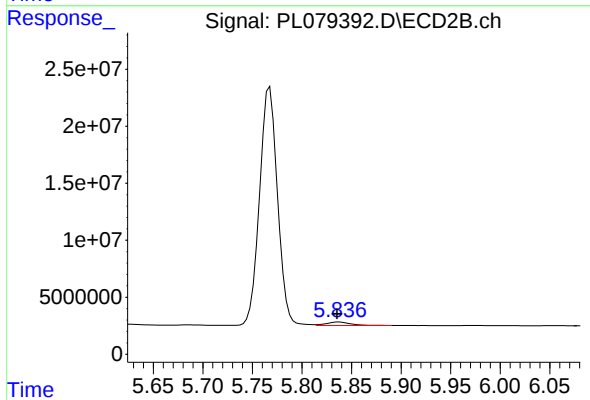
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 2397872
Conc: 1.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

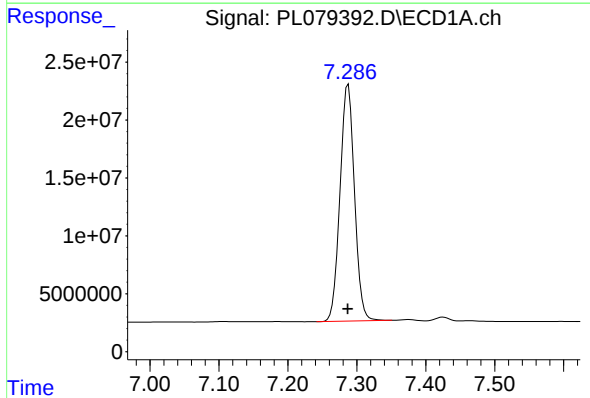
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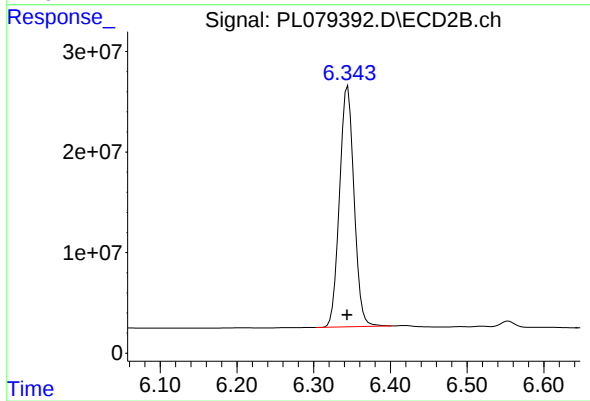
#18 Endrin aldehyde

R.T.: 5.837 min
Delta R.T.: 0.002 min
Response: 4936882
Conc: 2.32 ng/ml



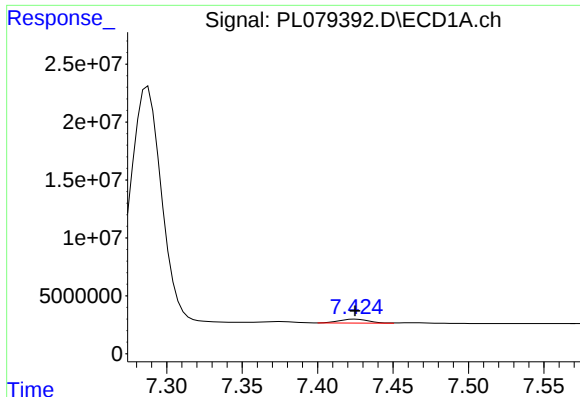
#20 Methoxychlor

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 298520899
Conc: 247.45 ng/ml



#20 Methoxychlor

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 315353320
Conc: 232.02 ng/ml



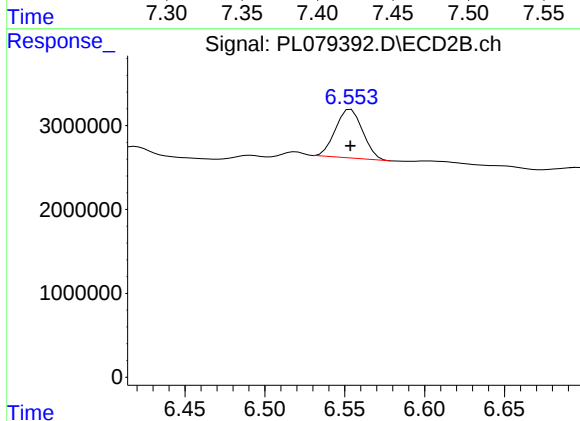
#21 Endrin ketone

R.T.: 7.425 min
Delta R.T.: 0.000 min
Response: 4525622
Conc: 1.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

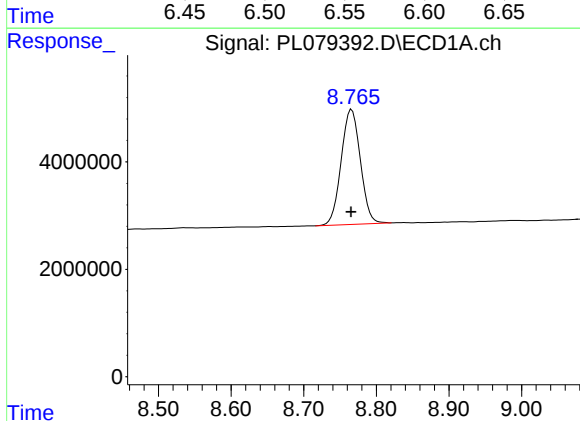
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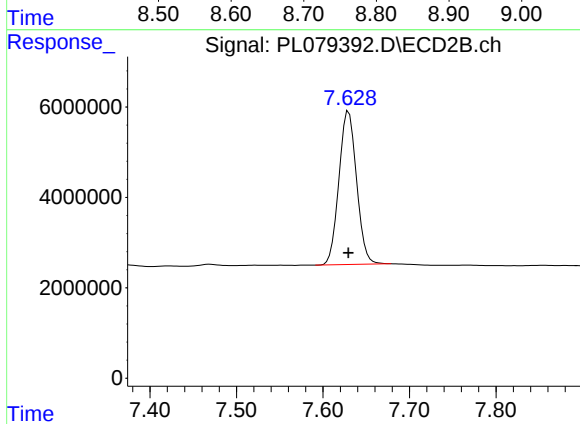
#21 Endrin ketone

R.T.: 6.553 min
Delta R.T.: -0.001 min
Response: 6872431
Conc: 2.23 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.766 min
Delta R.T.: 0.000 min
Response: 39397633
Conc: 20.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 47918424
Conc: 20.40 ng/ml