

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031622\
 Data File : PL073407.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2022 09:31
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/17/2022
 Supervised By : Ankita Jodhani 03/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 01:52:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.644	5.491	6508621	34985033	20.321	21.316
28)	SA Decachlor...	10.418	11.330	10009059	35051054	19.684	19.602
Target Compounds							
2)	A alpha-BHC	5.352	6.053	3930585	21381355	9.536	9.504
3)	MA gamma-BHC...	5.775	6.443	3973184	20916587	9.525	9.797
6)	B beta-BHC	6.156	6.679	2429108	11819571	11.798	11.339
12)	B 4,4'-DDE	7.651	8.461	73463	350459	0.205	0.196
14)	MA Endrin	8.070	8.845	19476910	84152551	50.198	54.665
16)	A 4,4'-DDD	8.235	8.988	96902	174198	0.298m	0.119m#
17)	MA 4,4'-DDT	8.498	9.306	37488360	173.4E6	99.128	106.086
18)	B Endrin al...	8.574	9.201	307403	231938	0.972	0.189m#
20)	A Methoxychlor	9.093	9.786	55952568	219.9E6	218.109	244.052
21)	B Endrin ke...	9.318	9.927	342612	678730	0.700	0.411 #

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

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ALS Vial : 3 Sample Multiplier: 1

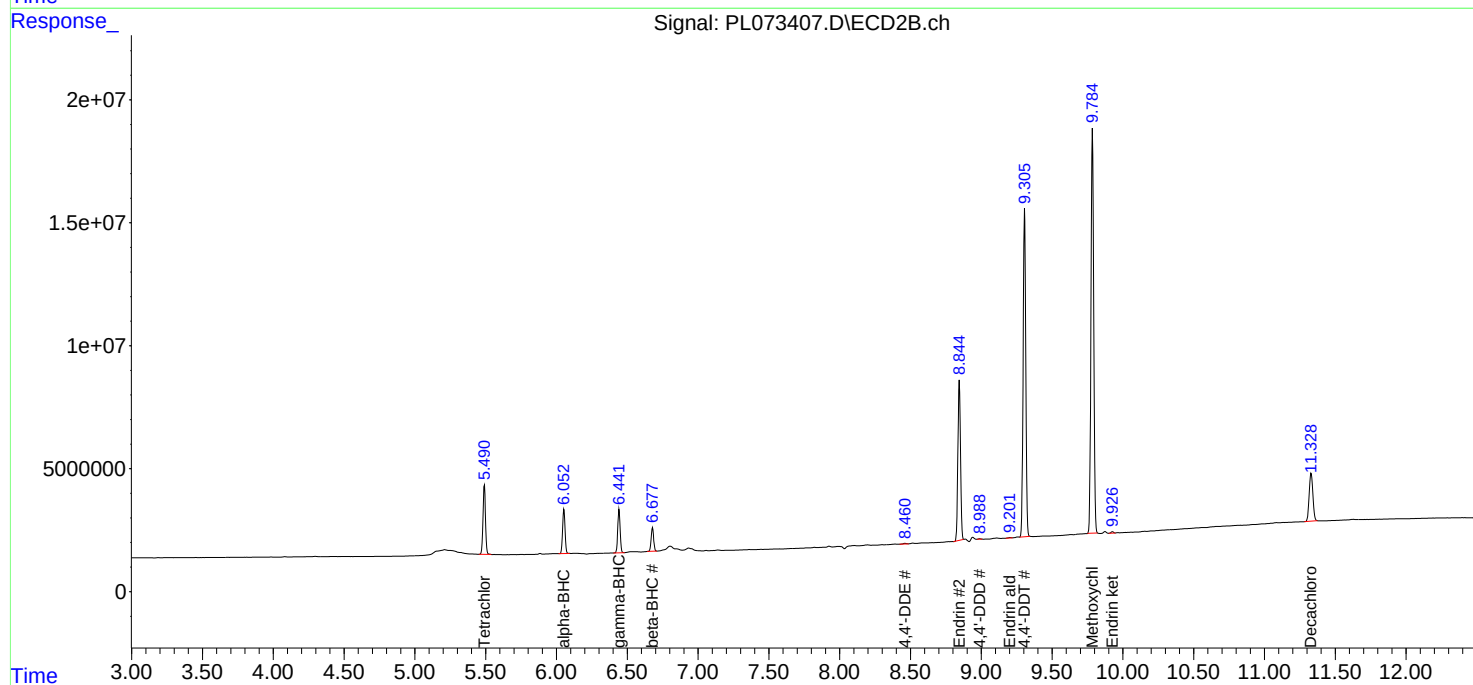
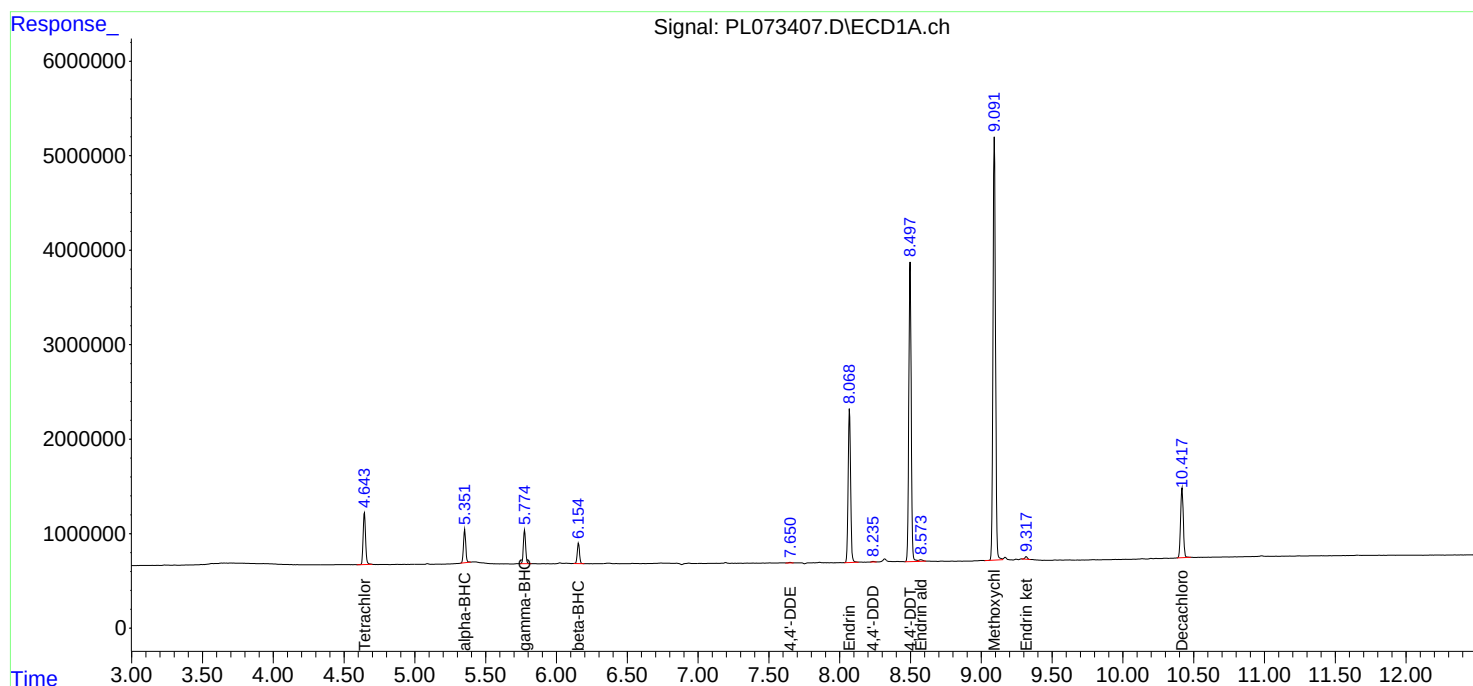
Instrument :
ECD_L
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PEM

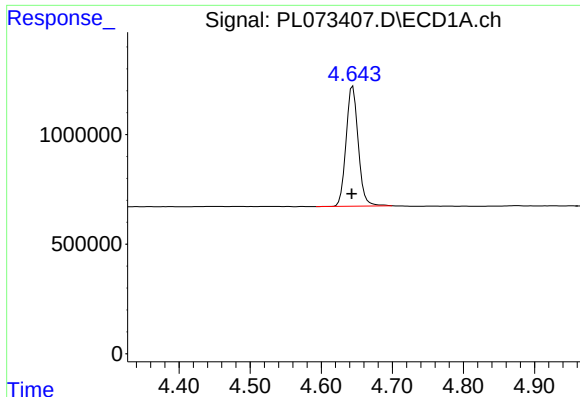
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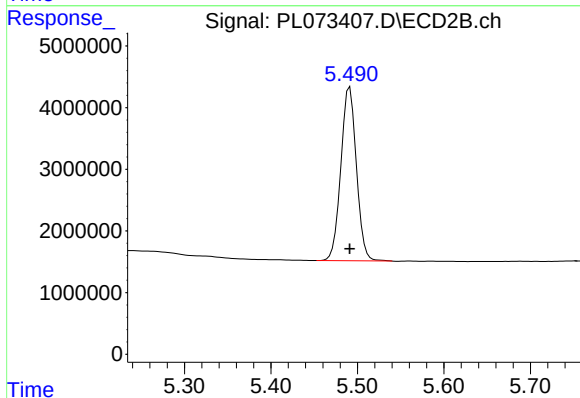
#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: 0.001 min
Response: 6508621
Conc: 20.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

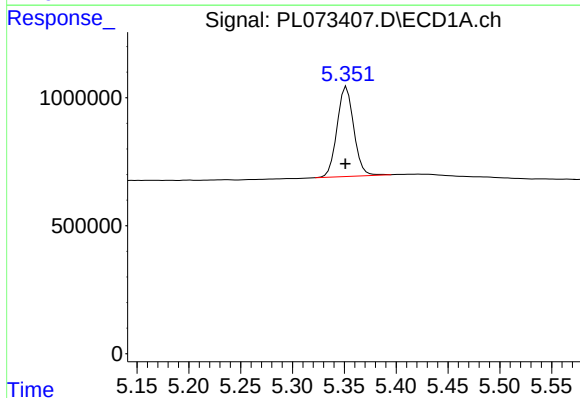
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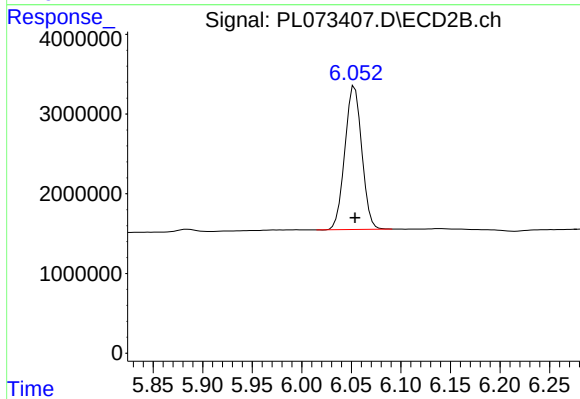
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 34985033
Conc: 21.32 ng/ml



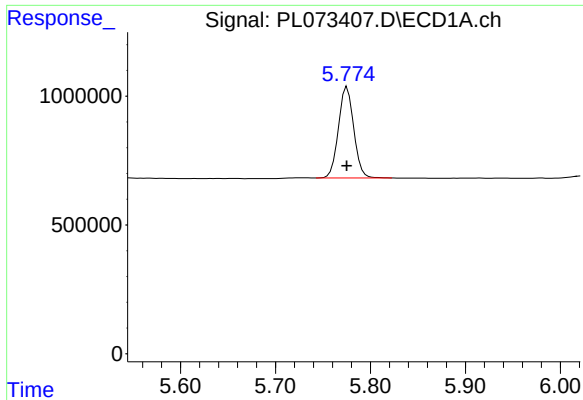
#2 alpha-BHC

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 3930585
Conc: 9.54 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 21381355
Conc: 9.50 ng/ml



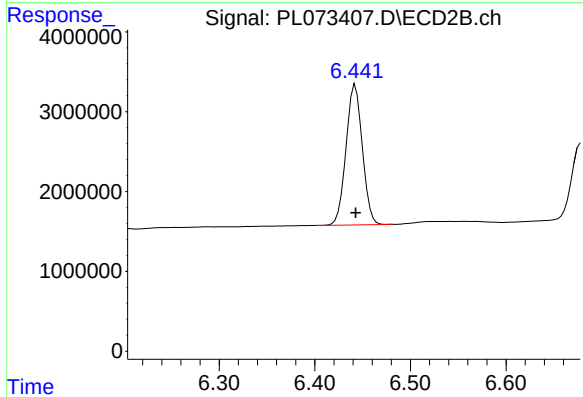
#3 gamma-BHC (Lindane)

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 3973184
Conc: 9.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

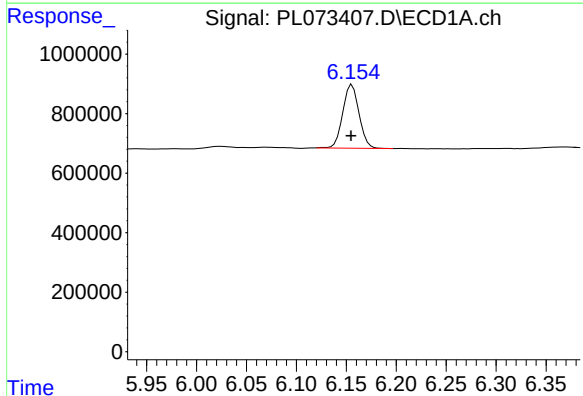
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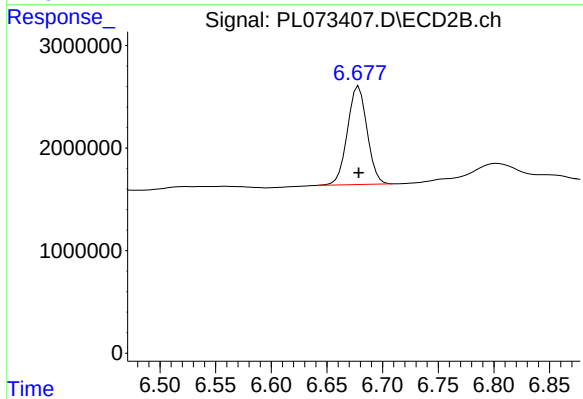
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 20916587
Conc: 9.80 ng/ml



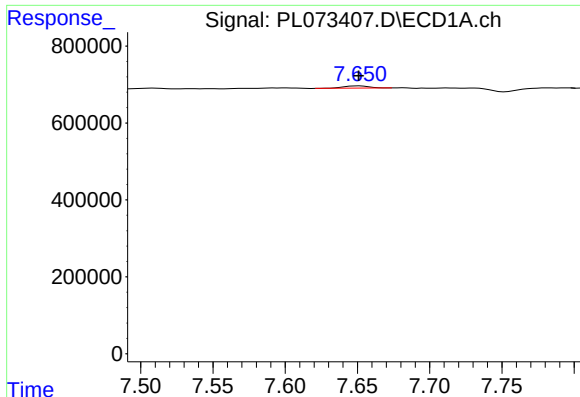
#6 beta-BHC

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 2429108
Conc: 11.80 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 11819571
Conc: 11.34 ng/ml



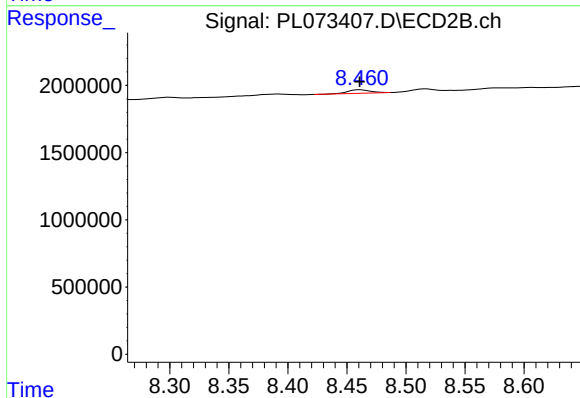
#12 4,4'-DDE

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 73463
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

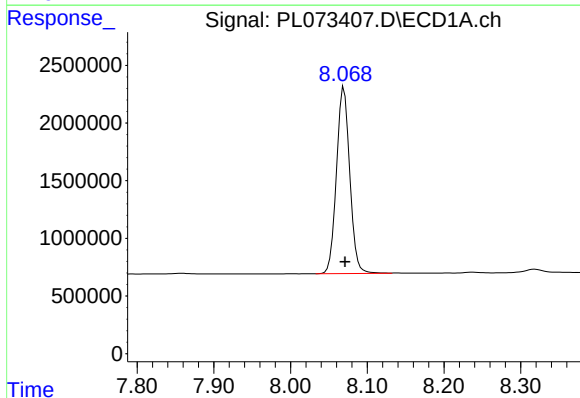
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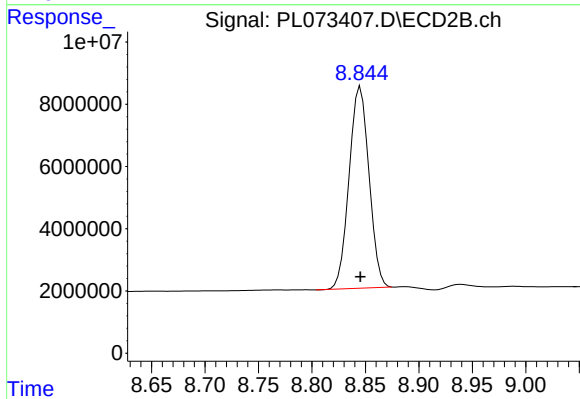
#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 350459
Conc: 0.20 ng/ml



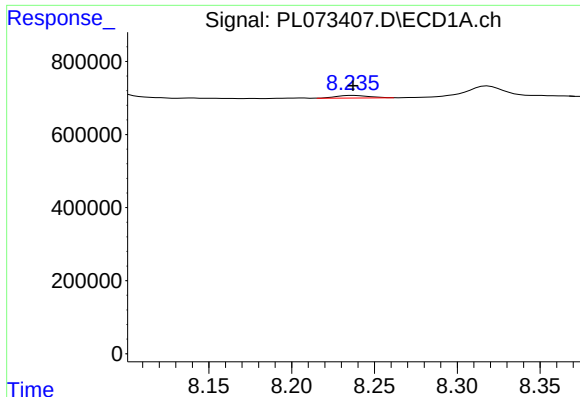
#14 Endrin

R.T.: 8.070 min
Delta R.T.: -0.001 min
Response: 19476910
Conc: 50.20 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: 0.000 min
Response: 84152551
Conc: 54.67 ng/ml



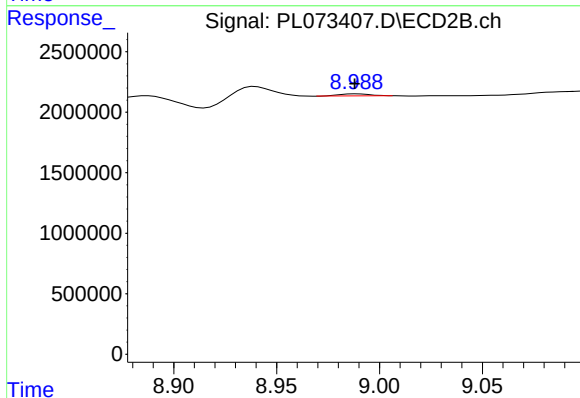
#16 4,4'-DDD

R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 96902
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

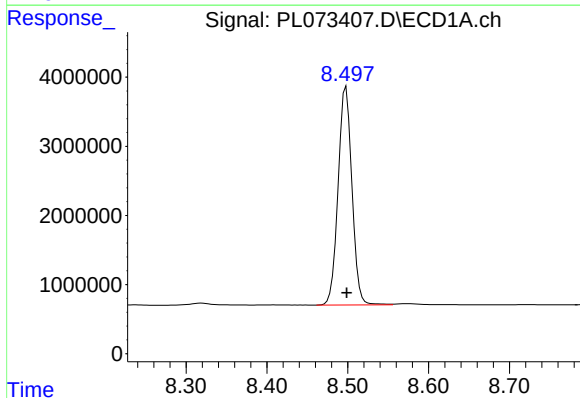
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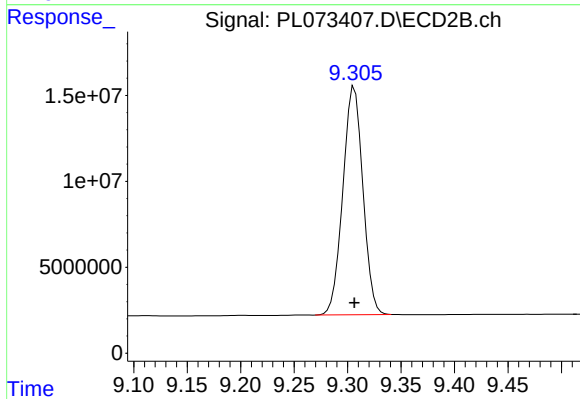
#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 174198
Conc: 0.12 ng/ml m



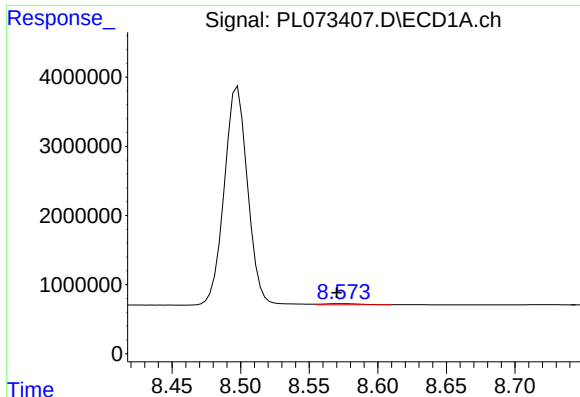
#17 4,4'-DDT

R.T.: 8.498 min
Delta R.T.: 0.000 min
Response: 37488360
Conc: 99.13 ng/ml



#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: 0.000 min
Response: 173400879
Conc: 106.09 ng/ml



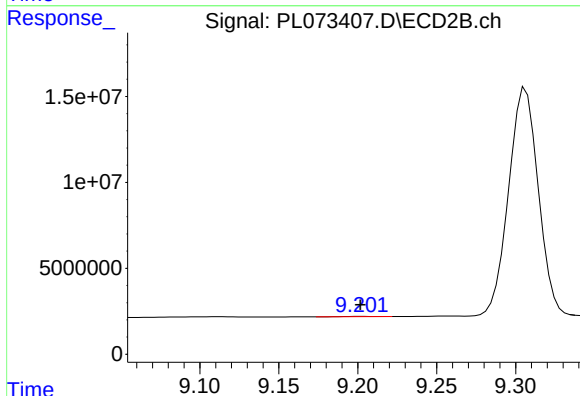
#18 Endrin aldehyde

R.T.: 8.574 min
Delta R.T.: 0.005 min
Response: 307403
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

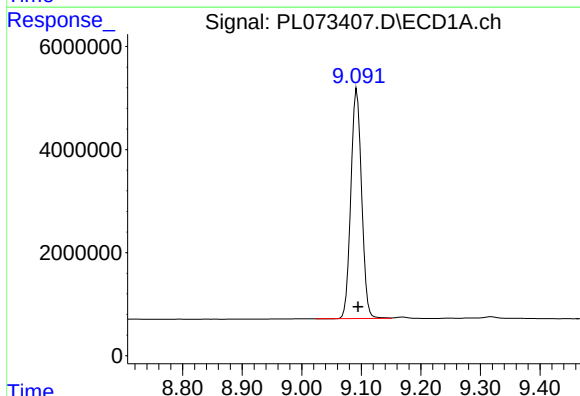
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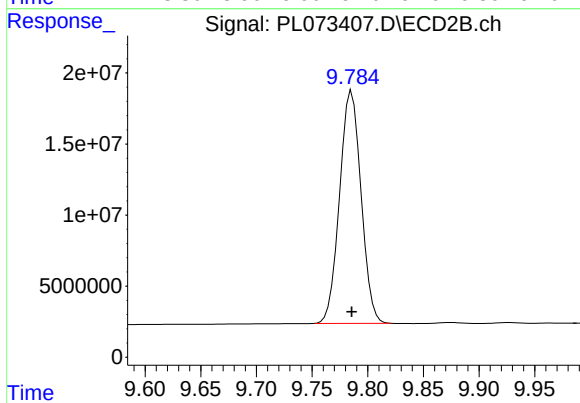
#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 231938
Conc: 0.19 ng/ml m



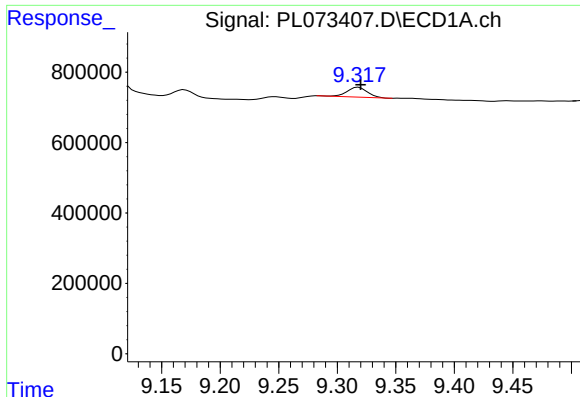
#20 Methoxychlor

R.T.: 9.093 min
Delta R.T.: -0.002 min
Response: 55952568
Conc: 218.11 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 219908564
Conc: 244.05 ng/ml



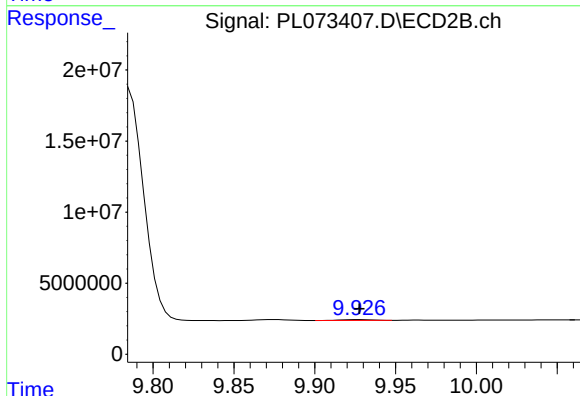
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 342612
Conc: 0.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

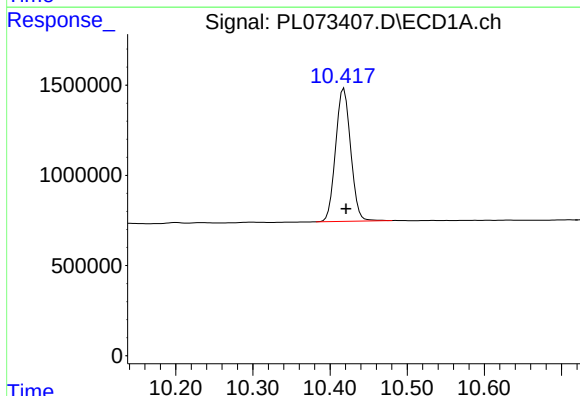
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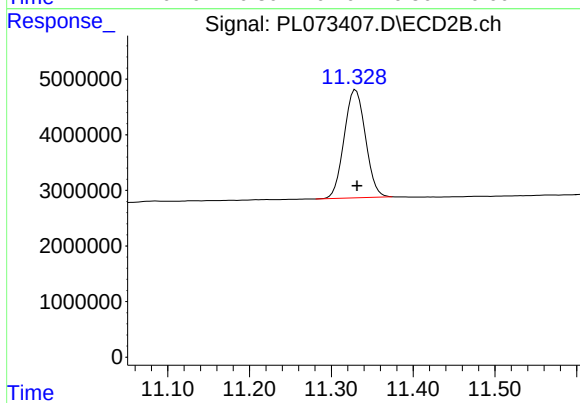
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: 0.000 min
Response: 678730
Conc: 0.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.418 min
Delta R.T.: -0.003 min
Response: 10009059
Conc: 19.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.330 min
Delta R.T.: -0.002 min
Response: 35051054
Conc: 19.60 ng/ml