

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032122\
 Data File : PL073528.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2022 16:31
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/22/2022
 Supervised By : mohammad ahmed 03/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 01:31:12 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...	4.642	5.491	6474389	34770521	20.214	21.185
28)	SA Decachlor...	10.418	11.332	9718246	33553425	19.112	18.764
Target Compounds							
2)	A alpha-BHC	5.351	6.054	3839543	21200740	9.315	9.424
3)	MA gamma-BHC...	5.774	6.443	3937365	20203932	9.439	9.463
6)	B beta-BHC	6.155	6.679	2355983	11714236	11.443	11.238
12)	B 4,4'-DDE	7.650	8.462	102691	421064	0.286	0.235
14)	MA Endrin	8.070	8.847	18181616	72757100	46.859	47.263
16)	A 4,4'-DDD	8.235	8.989	1083555	4269297	3.337	2.925
17)	MA 4,4'-DDT	8.498	9.308	33003965	141.7E6	87.270	86.704
18)	B Endrin al...	8.570	9.203	406971	731433	1.287	0.596 #
20)	A Methoxychlor	9.092	9.787	49258491	185.3E6	192.015m	205.690
21)	B Endrin ke...	9.318	9.928	1201677	2976882	2.456	1.804 #

(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

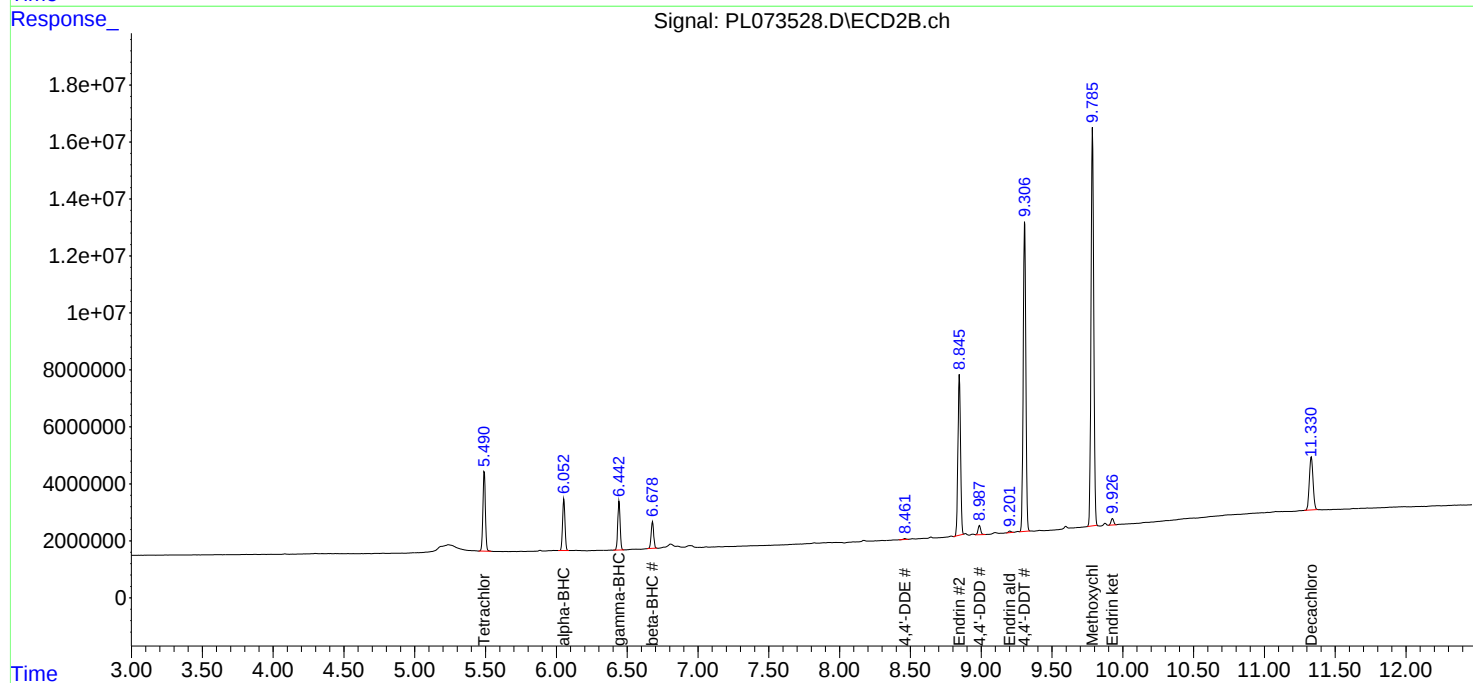
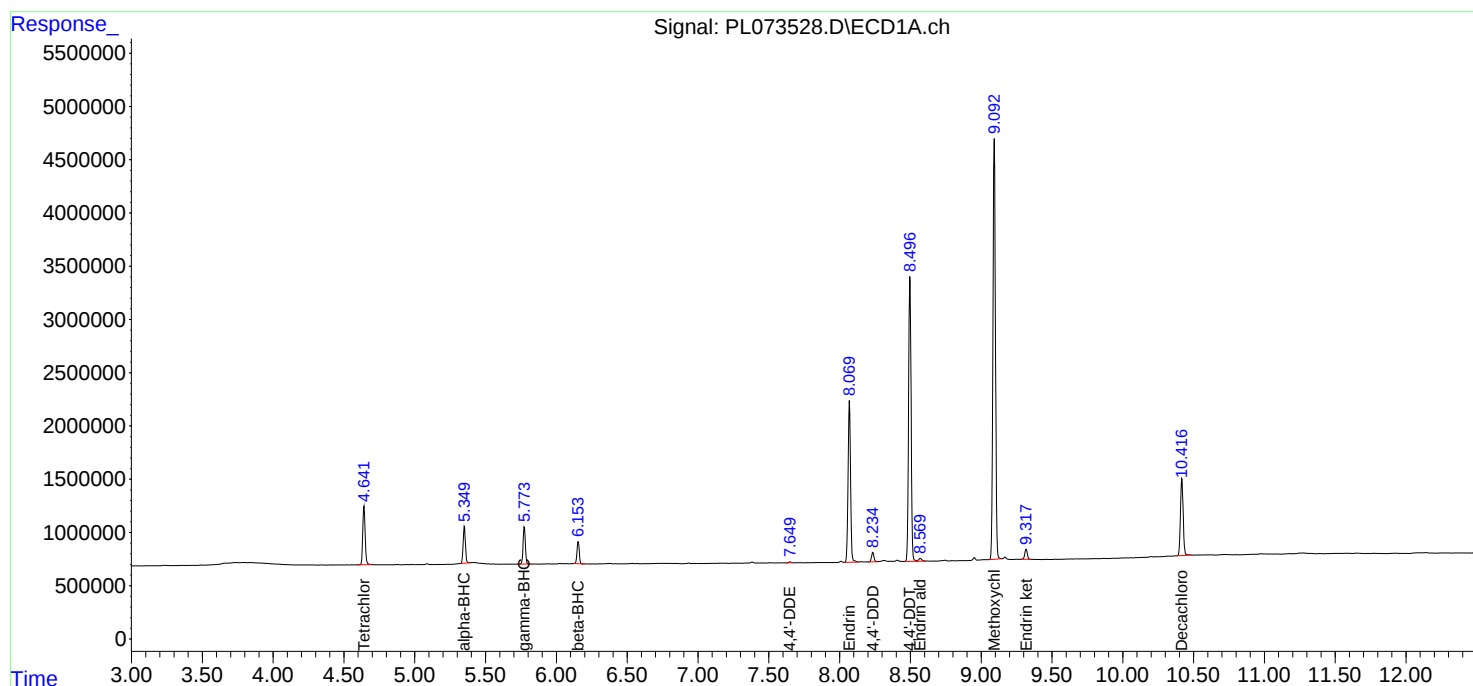
Instrument :
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ClientSampleId :
PEM

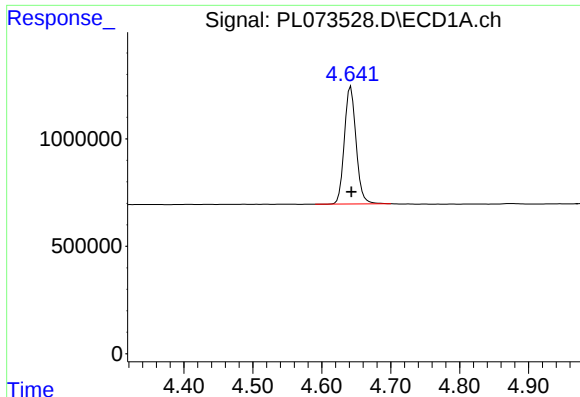
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Integration File signal 1: autoint1.e
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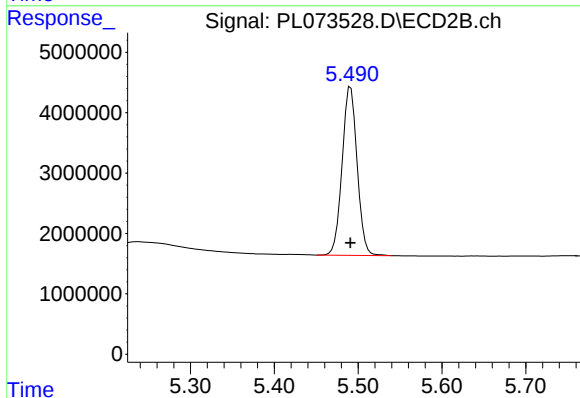
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 6474389
Conc: 20.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

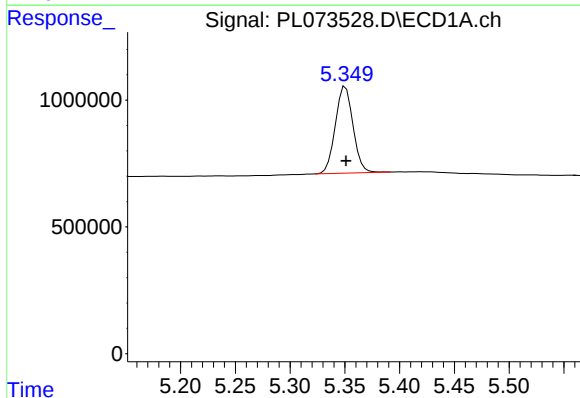
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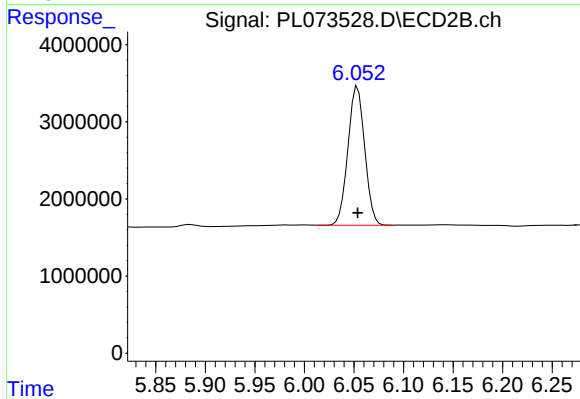
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 34770521
Conc: 21.19 ng/ml



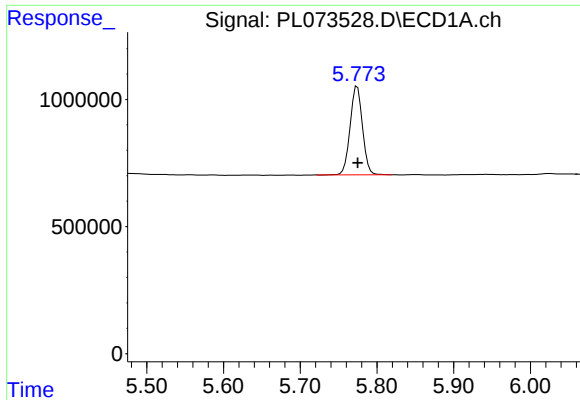
#2 alpha-BHC

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 3839543
Conc: 9.31 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 21200740
Conc: 9.42 ng/ml



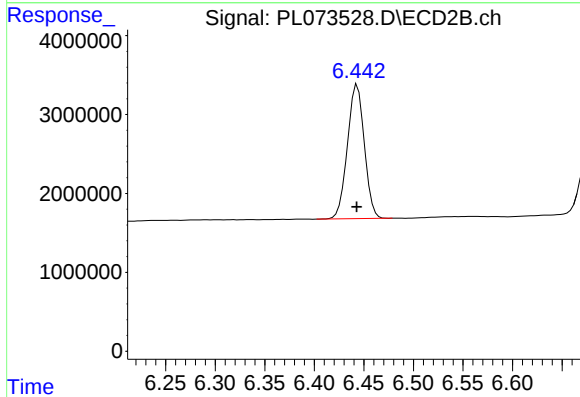
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 3937365
Conc: 9.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

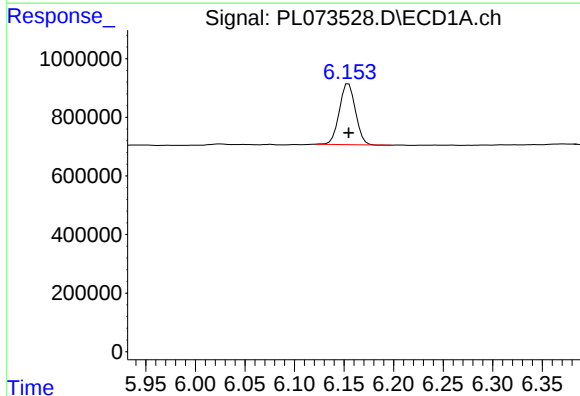
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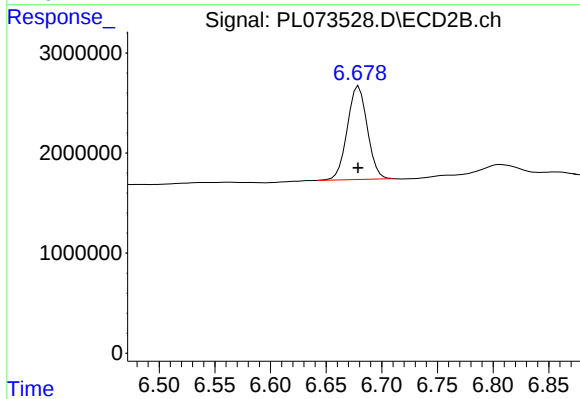
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 20203932
Conc: 9.46 ng/ml



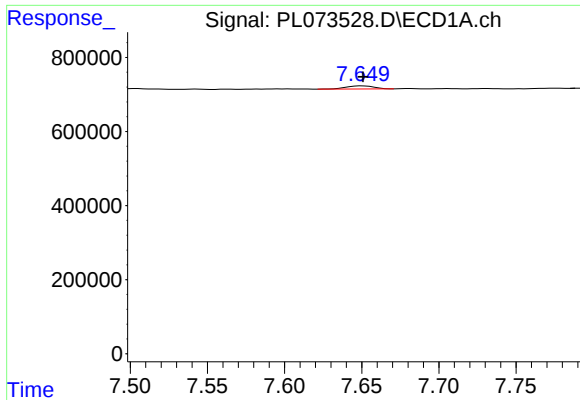
#6 beta-BHC

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 2355983
Conc: 11.44 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 11714236
Conc: 11.24 ng/ml



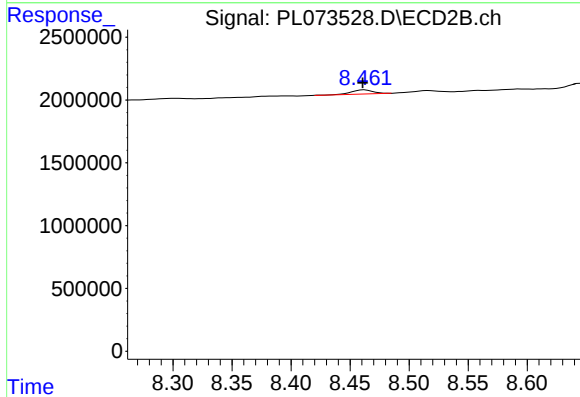
#12 4,4'-DDE

R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 102691
Conc: 0.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

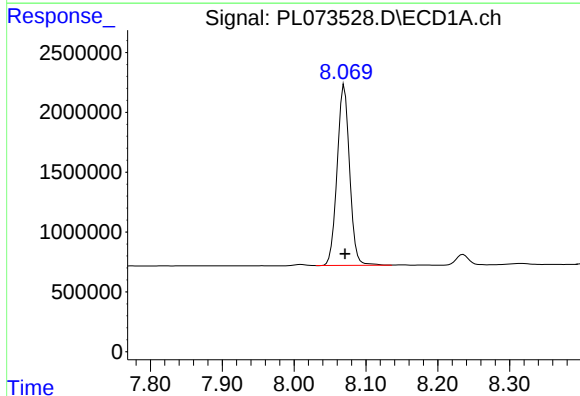
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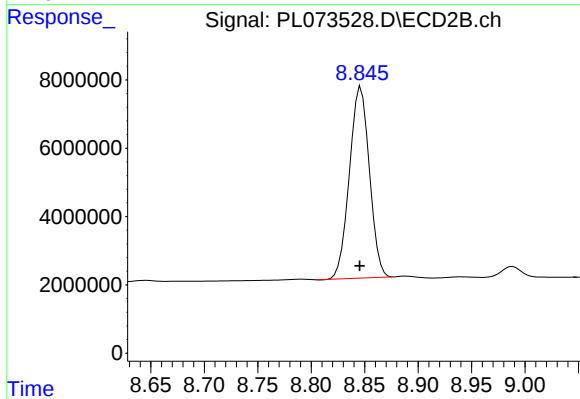
#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.001 min
Response: 421064
Conc: 0.23 ng/ml



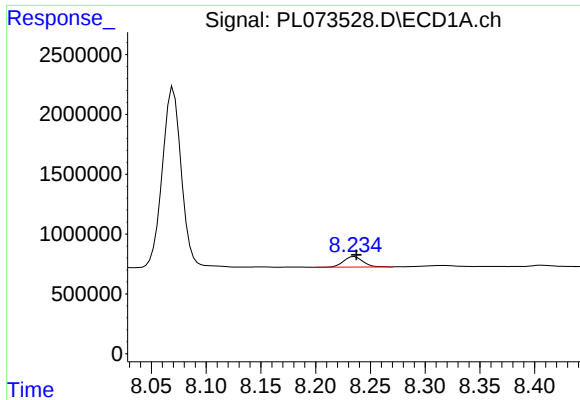
#14 Endrin

R.T.: 8.070 min
Delta R.T.: 0.000 min
Response: 18181616
Conc: 46.86 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.001 min
Response: 72757100
Conc: 47.26 ng/ml



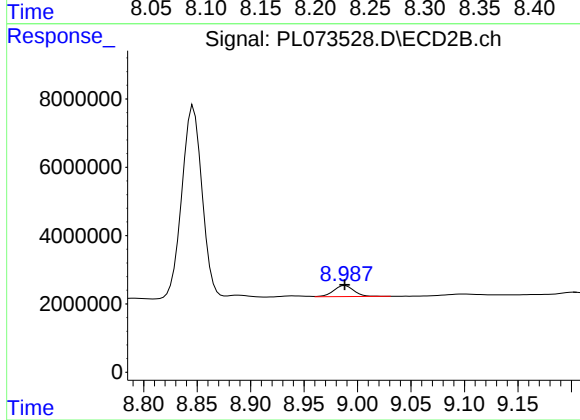
#16 4,4'-DDD

R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 1083555
Conc: 3.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

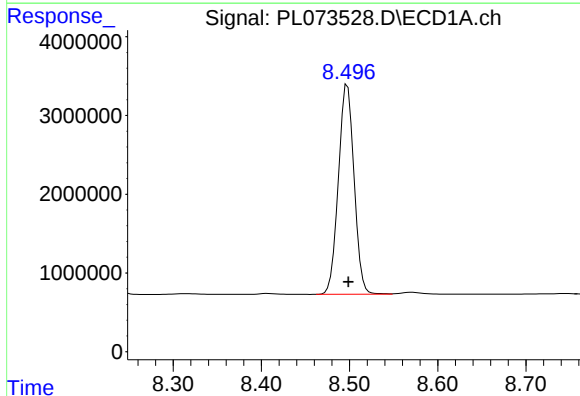
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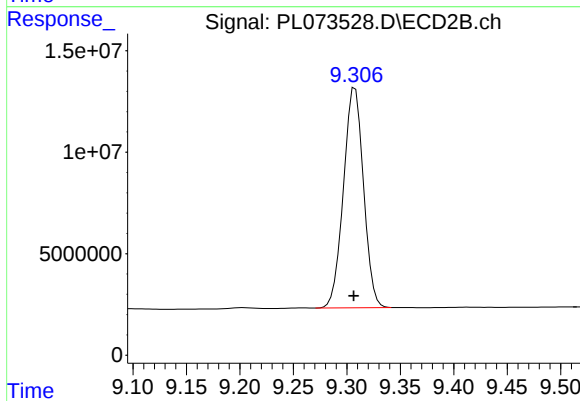
#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 4269297
Conc: 2.92 ng/ml



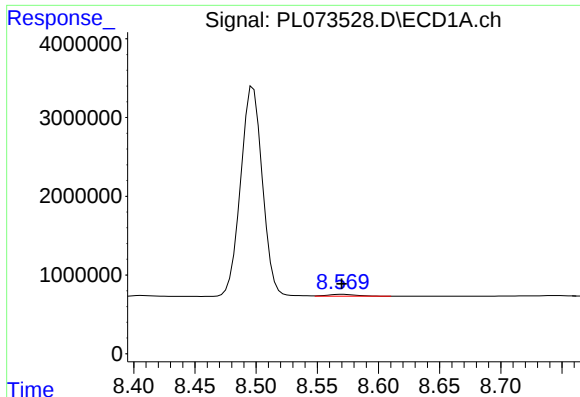
#17 4,4'-DDT

R.T.: 8.498 min
Delta R.T.: -0.001 min
Response: 33003965
Conc: 87.27 ng/ml



#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.001 min
Response: 141720666
Conc: 86.70 ng/ml



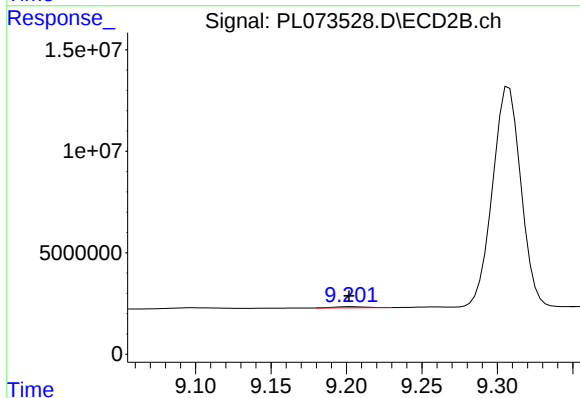
#18 Endrin aldehyde

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 406971
Conc: 1.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

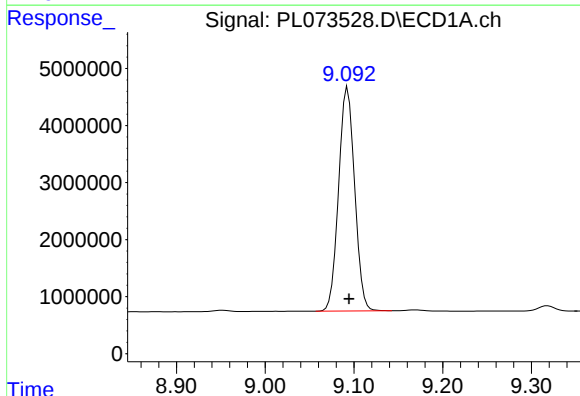
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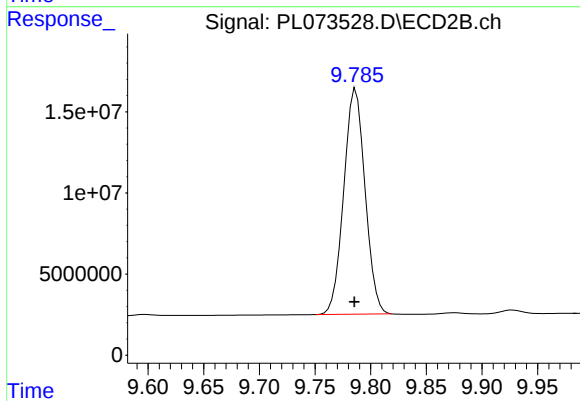
#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: 0.001 min
Response: 731433
Conc: 0.60 ng/ml



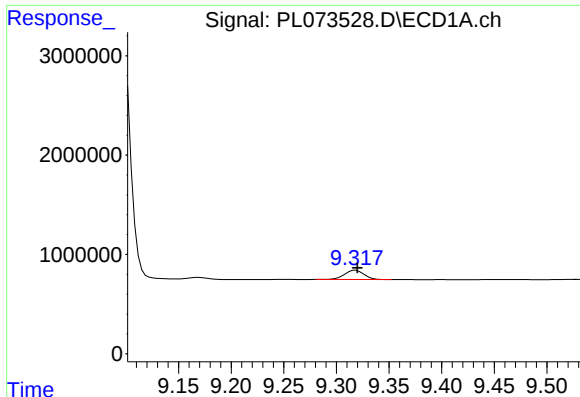
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.003 min
Response: 49258491
Conc: 192.02 ng/ml m



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.001 min
Response: 185342087
Conc: 205.69 ng/ml



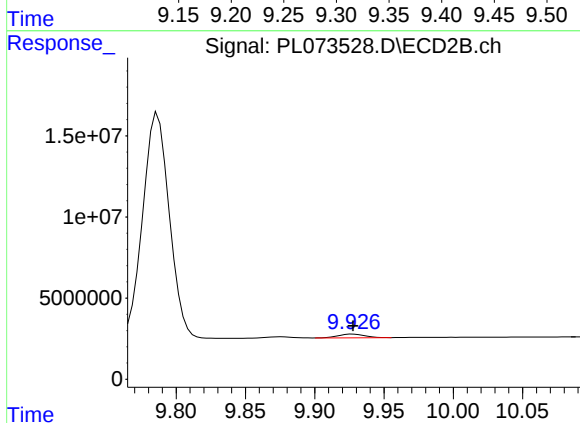
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 1201677
Conc: 2.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

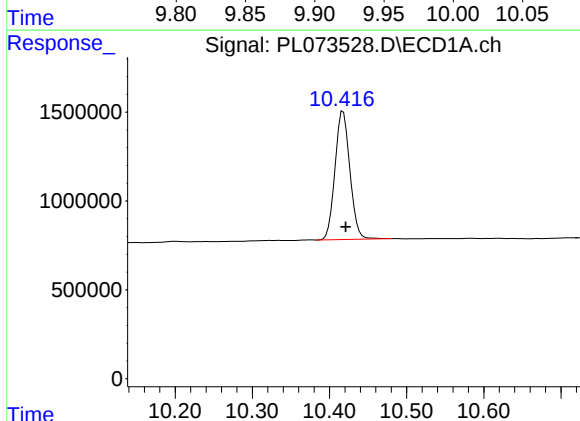
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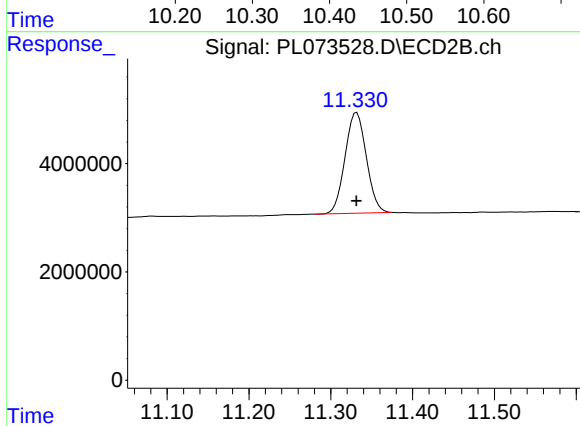
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 2976882
Conc: 1.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.418 min
Delta R.T.: -0.003 min
Response: 9718246
Conc: 19.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: 0.000 min
Response: 33553425
Conc: 18.76 ng/ml