

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040122\
 Data File : PL073771.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2022 09:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/04/2022
 Supervised By :mohammad ahmed 04/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 23:30:01 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...	4.641	5.492	6971066	39381183	21.765	23.995
28)	SA Decachlor...	10.418	11.336	10842353	35722529	21.322	19.977
Target Compounds							
2)	A alpha-BHC	5.350	6.055	4341825	24585256	10.533	10.928
3)	MA gamma-BHC...	5.774	6.445	4347308	23742156	10.422	11.120
6)	B beta-BHC	6.154	6.681	2445511	13130922	11.877	12.597
12)	B 4,4'-DDE	7.649	8.463	96791	349579	0.270	0.195m#
14)	MA Endrin	8.069	8.849	20910873	89756163	53.893	58.305
16)	A 4,4'-DDD	8.234	8.989	119078	324300	0.367m	0.222m#
17)	MA 4,4'-DDT	8.496	9.309	39357469	184.9E6	104.070	113.124
18)	B Endrin al...	8.574	9.206	136433	158292	0.431m	0.129 #
20)	A Methoxychlor	9.092	9.789	57167409	231.0E6	222.845	256.363
21)	B Endrin ke...	9.316	9.930	315305	979439	0.644m	0.593

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

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Acq On : 01 Apr 2022 09:06
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ALS Vial : 3 Sample Multiplier: 1

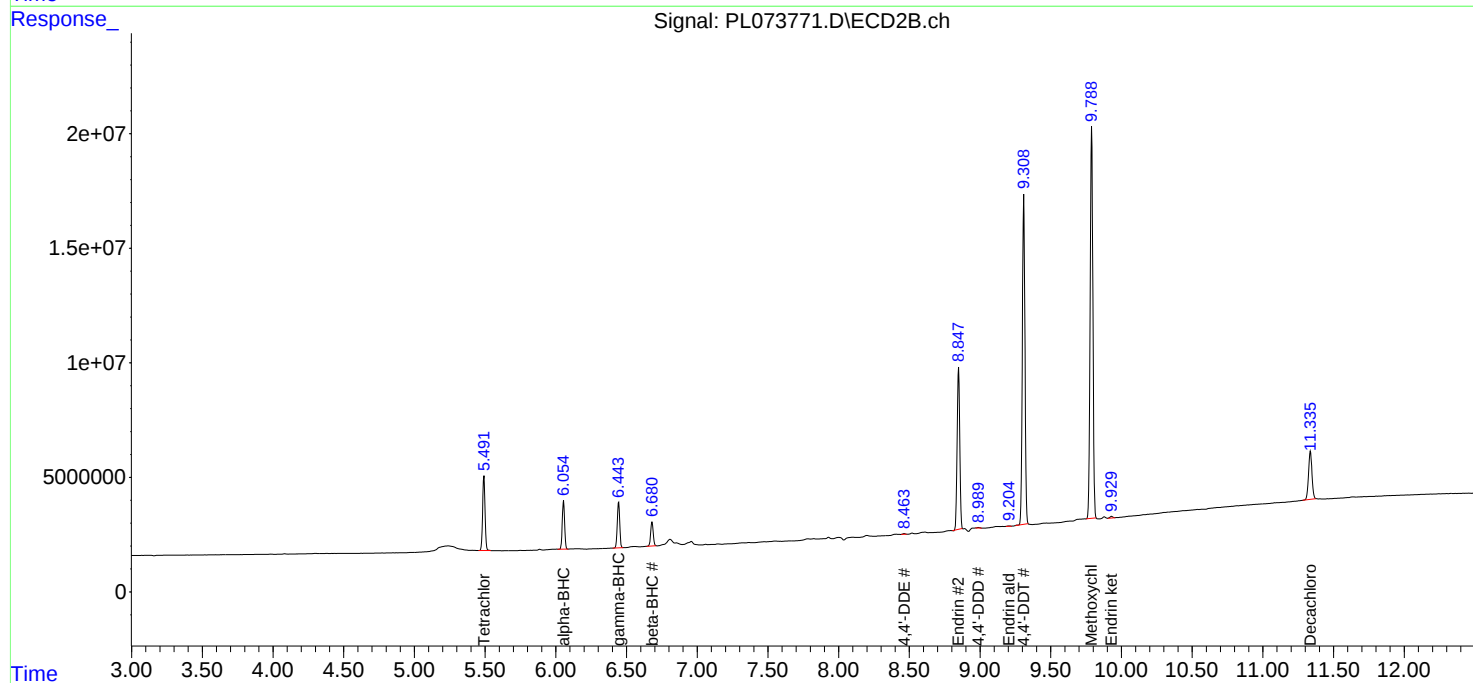
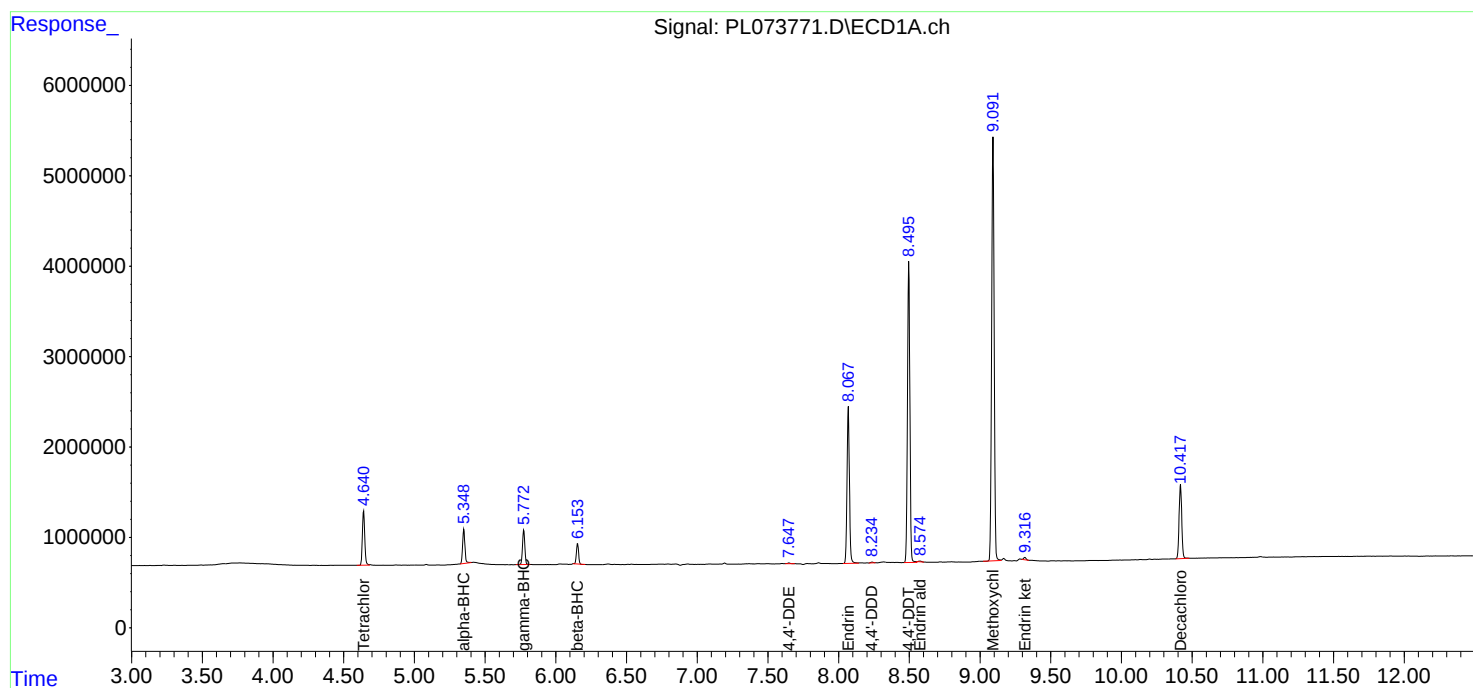
Instrument :
ECD_L
ClientSampleId :
PEM

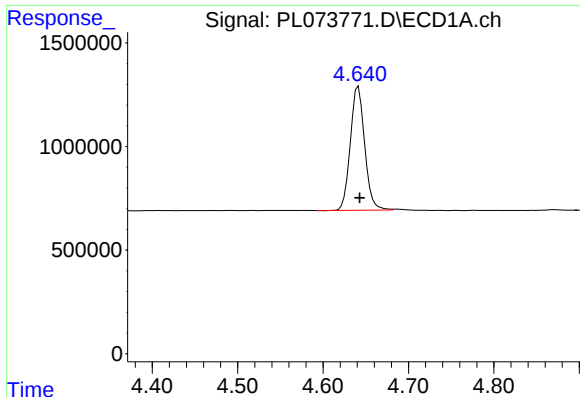
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Integration File signal 1: autoint1.e
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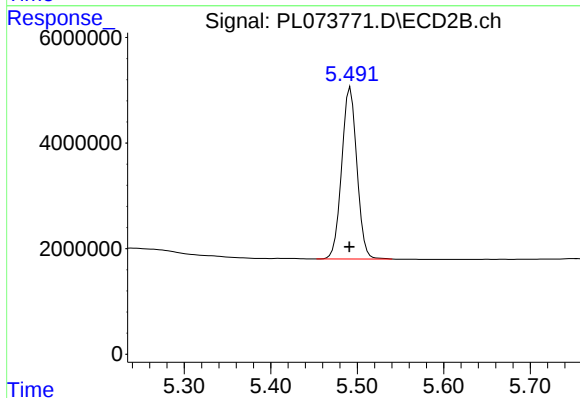
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 6971066
Conc: 21.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

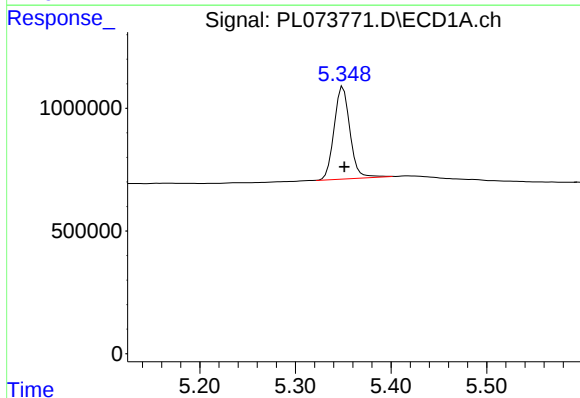
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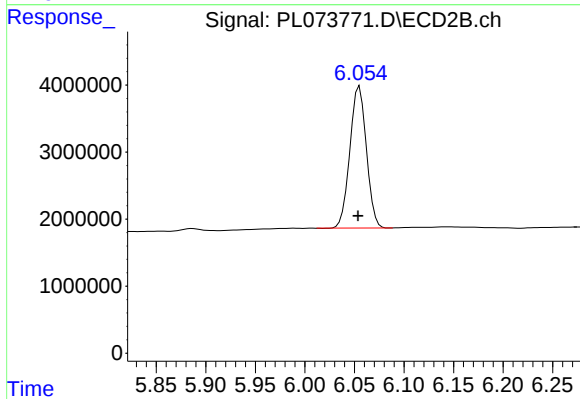
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.001 min
Response: 39381183
Conc: 23.99 ng/ml



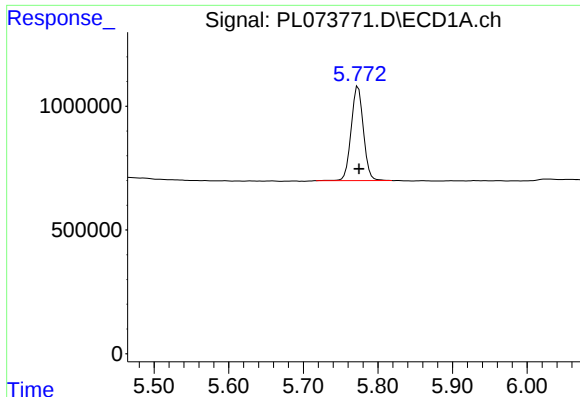
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: -0.001 min
Response: 4341825
Conc: 10.53 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.001 min
Response: 24585256
Conc: 10.93 ng/ml



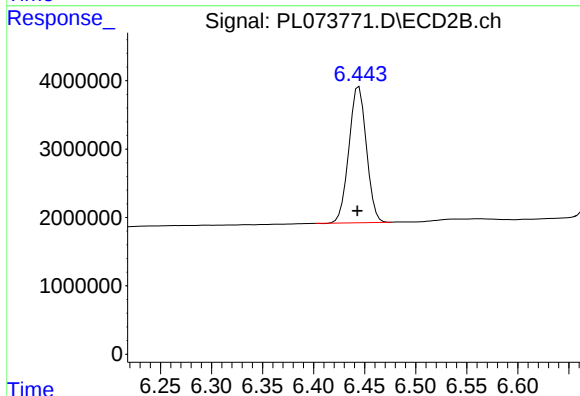
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.001 min
Response: 4347308
Conc: 10.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

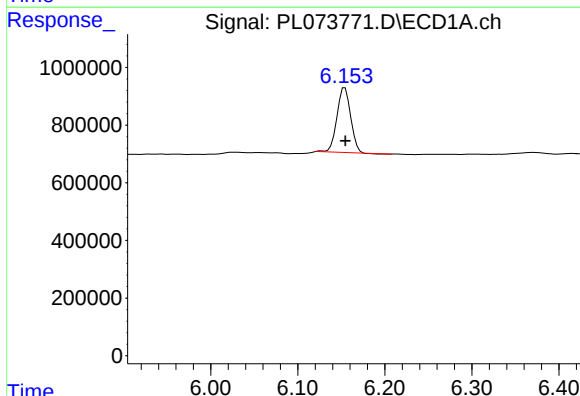
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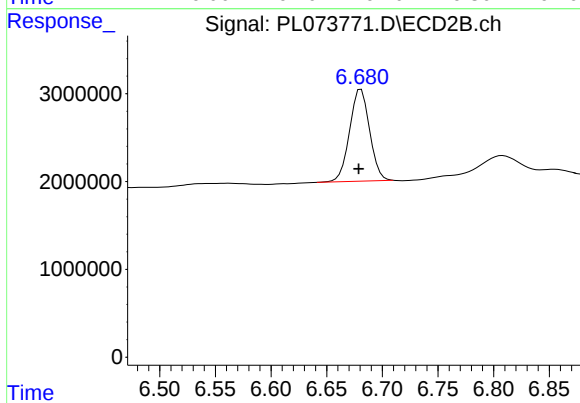
#3 gamma-BHC (Lindane)

R.T.: 6.445 min
Delta R.T.: 0.002 min
Response: 23742156
Conc: 11.12 ng/ml



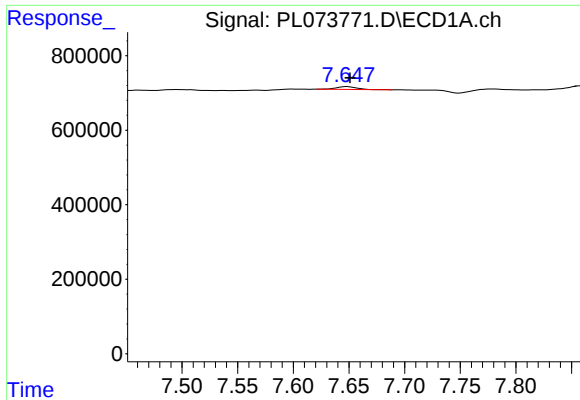
#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 2445511
Conc: 11.88 ng/ml



#6 beta-BHC

R.T.: 6.681 min
Delta R.T.: 0.002 min
Response: 13130922
Conc: 12.60 ng/ml



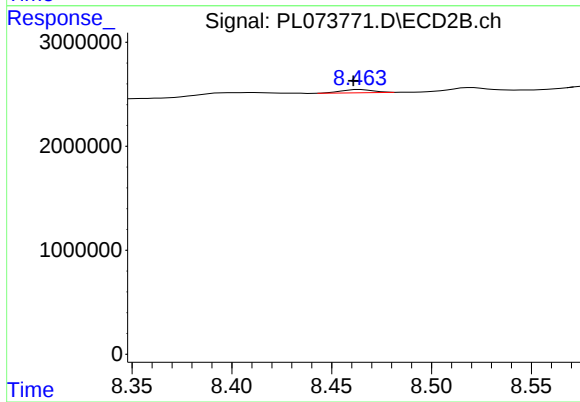
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 96791
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

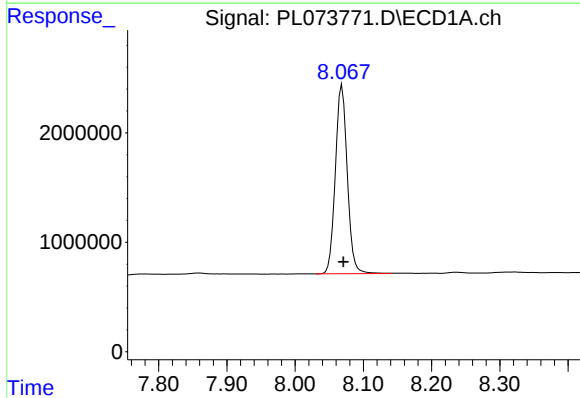
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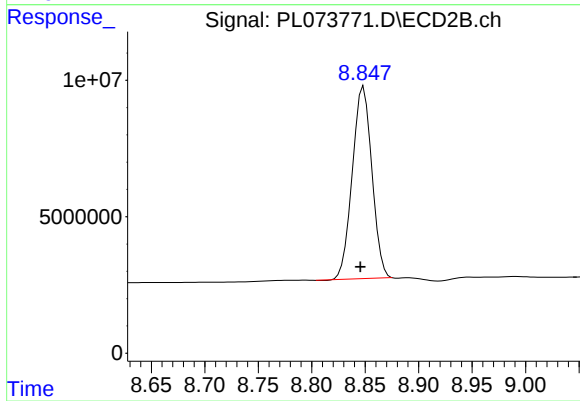
#12 4,4'-DDE

R.T.: 8.463 min
Delta R.T.: 0.002 min
Response: 349579
Conc: 0.20 ng/ml m



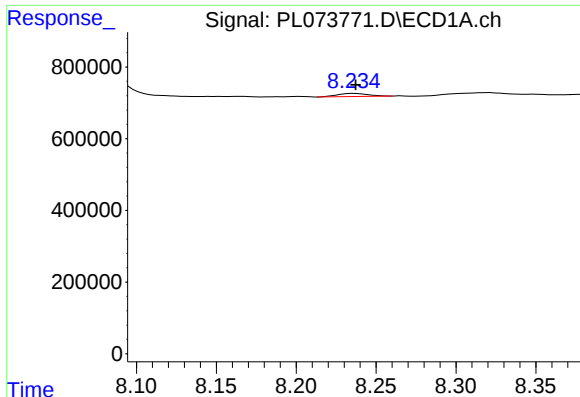
#14 Endrin

R.T.: 8.069 min
Delta R.T.: -0.002 min
Response: 20910873
Conc: 53.89 ng/ml



#14 Endrin

R.T.: 8.849 min
Delta R.T.: 0.003 min
Response: 89756163
Conc: 58.31 ng/ml



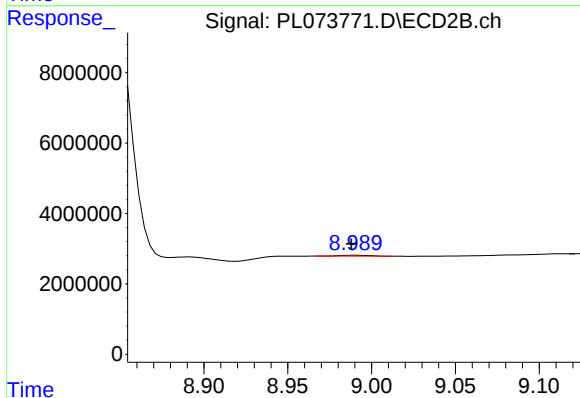
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 119078
Conc: 0.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

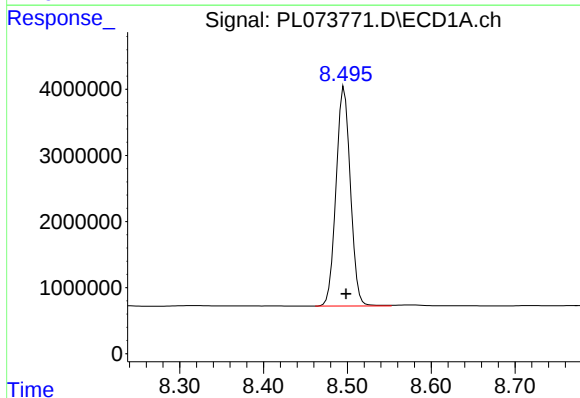
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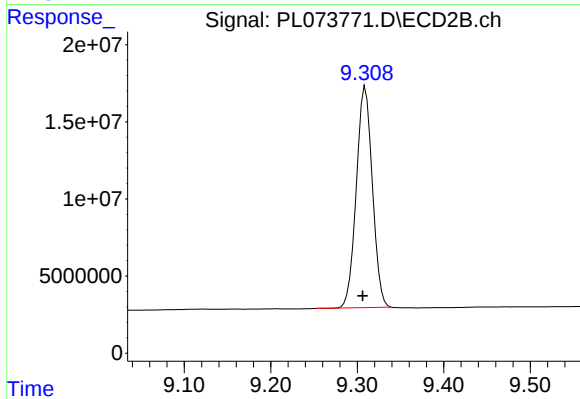
#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 324300
Conc: 0.22 ng/ml m



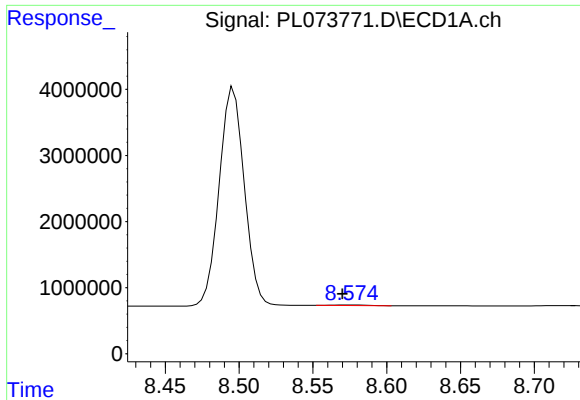
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: -0.002 min
Response: 39357469
Conc: 104.07 ng/ml



#17 4,4'-DDT

R.T.: 9.309 min
Delta R.T.: 0.003 min
Response: 184904148
Conc: 113.12 ng/ml



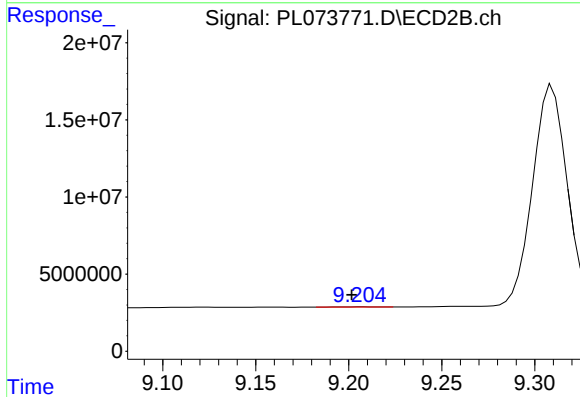
#18 Endrin aldehyde

R.T.: 8.574 min
Delta R.T.: 0.005 min
Response: 136433
Conc: 0.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

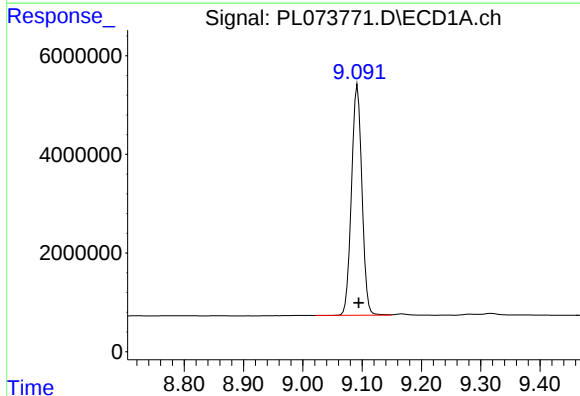
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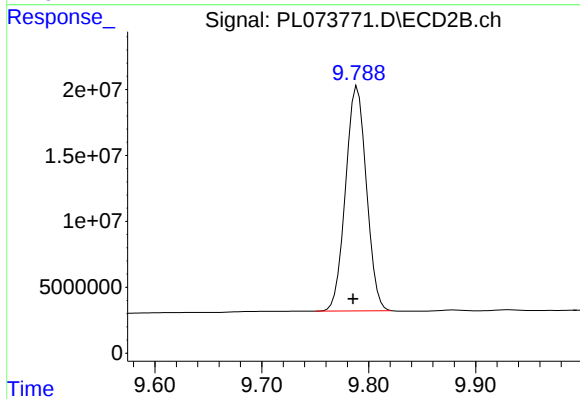
#18 Endrin aldehyde

R.T.: 9.206 min
Delta R.T.: 0.004 min
Response: 158292
Conc: 0.13 ng/ml



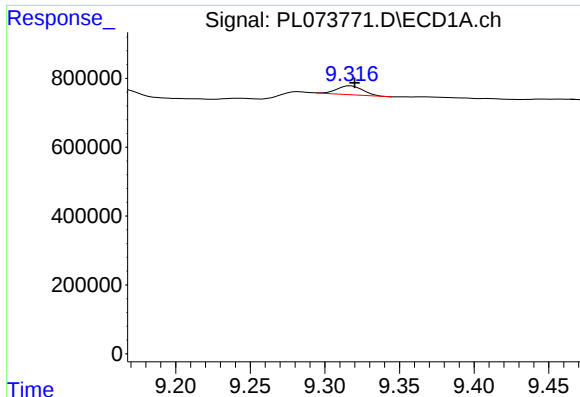
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.002 min
Response: 57167409
Conc: 222.84 ng/ml



#20 Methoxychlor

R.T.: 9.789 min
Delta R.T.: 0.004 min
Response: 231001862
Conc: 256.36 ng/ml



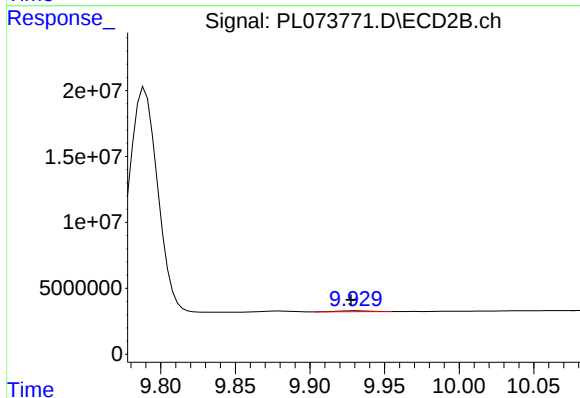
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.004 min
Response: 315305
Conc: 0.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

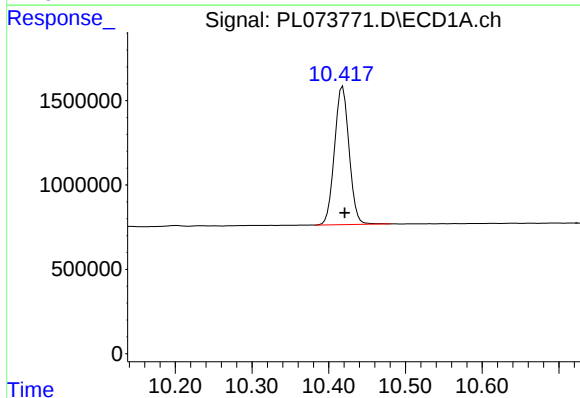
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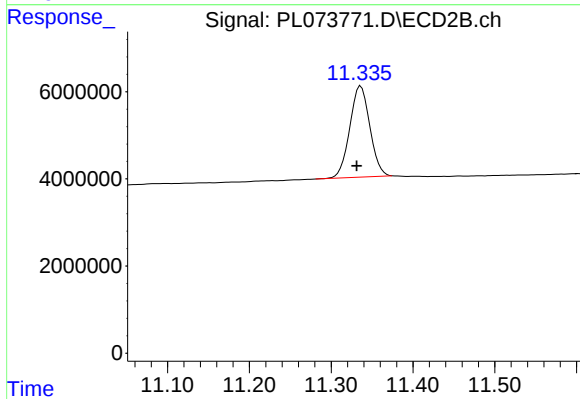
#21 Endrin ketone

R.T.: 9.930 min
Delta R.T.: 0.003 min
Response: 979439
Conc: 0.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.418 min
Delta R.T.: -0.003 min
Response: 10842353
Conc: 21.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.336 min
Delta R.T.: 0.005 min
Response: 35722529
Conc: 19.98 ng/ml