

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
 Data File : PL074074.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Apr 2022 19:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/15/2022
 Supervised By : mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 02:18:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 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...	4.638	5.491	7340188	40751472	22.717	22.856
28)	SA Decachlor...	10.411	11.334	10169907	34503926	19.556	19.535
Target Compounds							
2)	A alpha-BHC	5.346	6.054	4309546	25677112	10.269	10.197
3)	MA gamma-BHC...	5.769	6.443	4431008	24794302	10.565	10.474
6)	B beta-BHC	6.150	6.680	2483274	13535891	12.153	12.010
12)	B 4,4'-DDE	7.644	8.463	99259	500561	0.272	0.251
14)	MA Endrin	8.063	8.847	21636717	90353848	53.262	53.348
16)	A 4,4'-DDD	8.229	8.990	812535	3815245	2.516	2.480
17)	MA 4,4'-DDT	8.491	9.309	39945072	166.9E6	108.065	94.164
18)	B Endrin al...	8.568	9.208	149644	270477	0.463m	0.209 #
20)	A Methoxychlor	9.086	9.789	59540059	221.0E6	239.821	229.798
21)	B Endrin ke...	9.312	9.929	477781	1155198	0.978	0.667m#

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

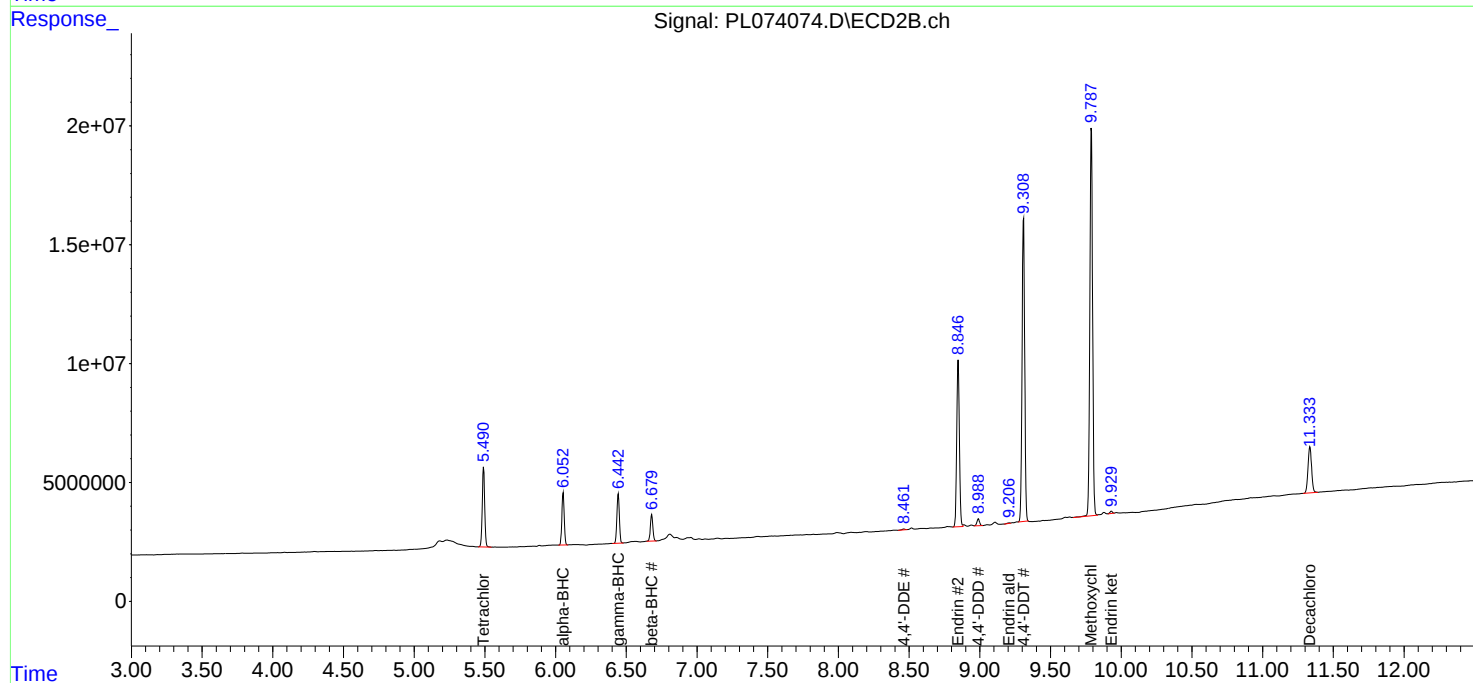
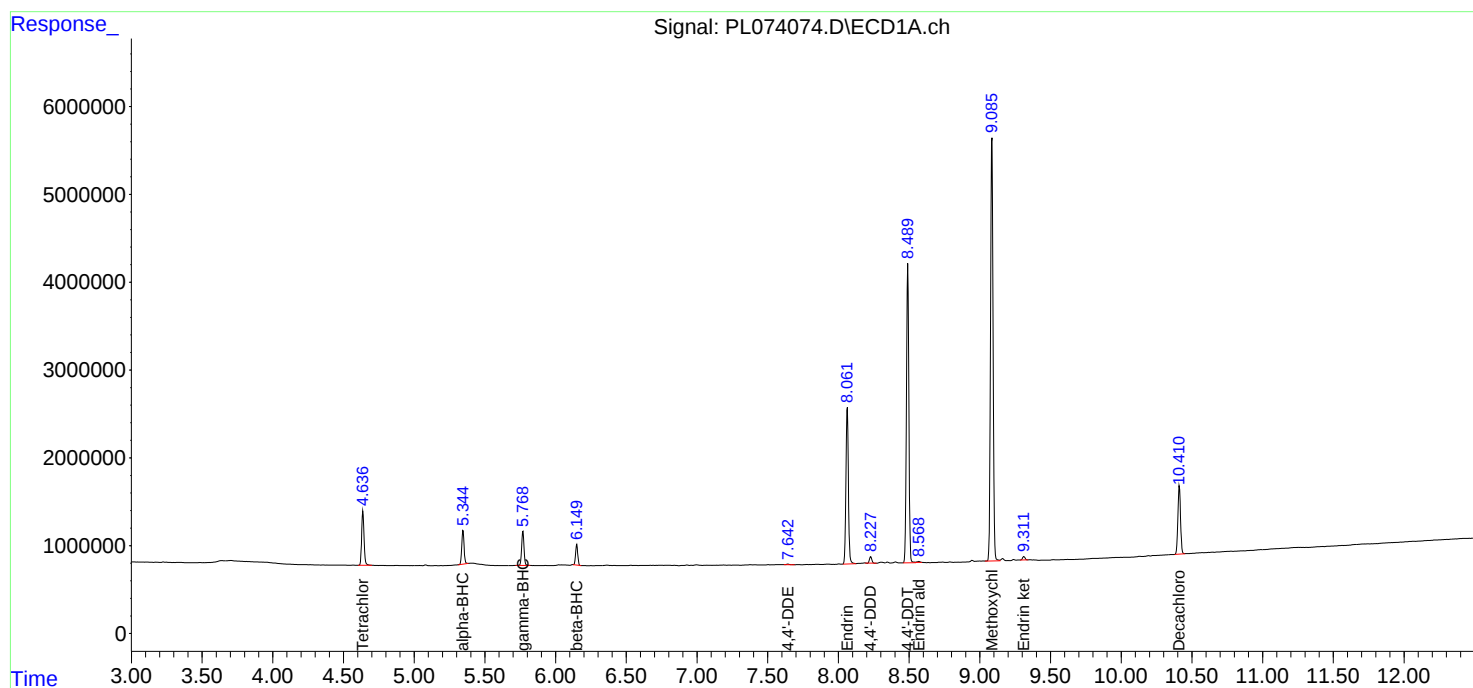
Instrument :
ECD_L
ClientSampleId :
PEM

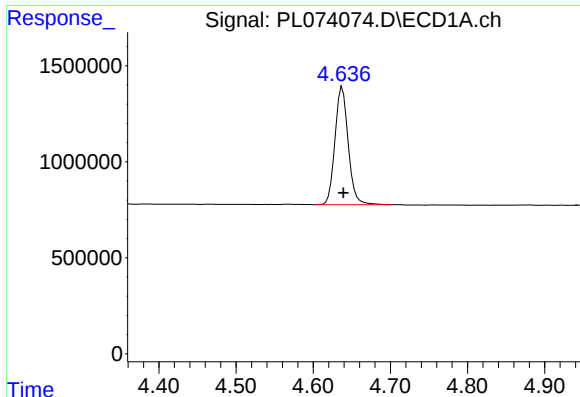
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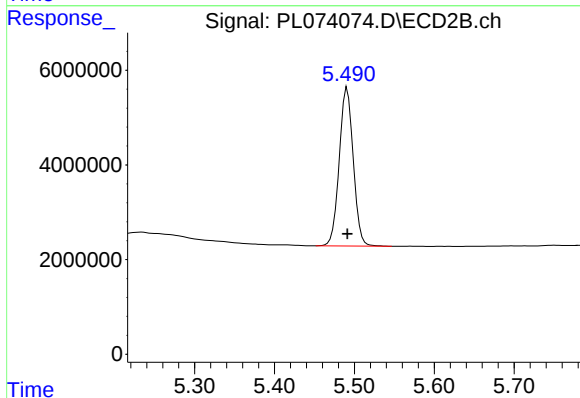
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: -0.001 min
Response: 7340188
Conc: 22.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

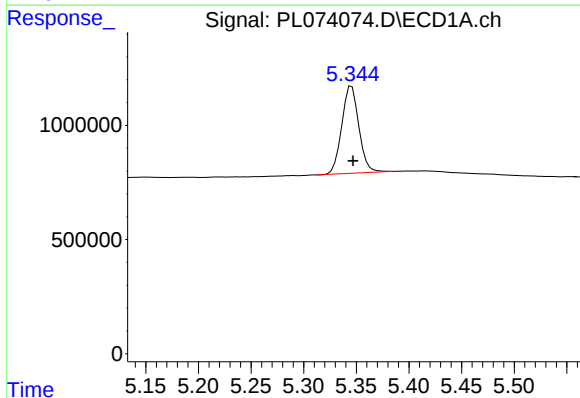
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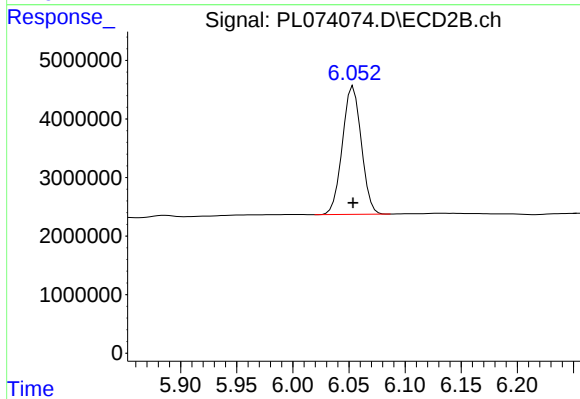
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 40751472
Conc: 22.86 ng/ml



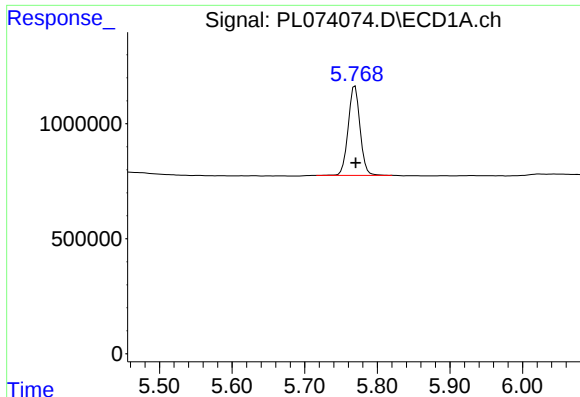
#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: -0.001 min
Response: 4309546
Conc: 10.27 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 25677112
Conc: 10.20 ng/ml



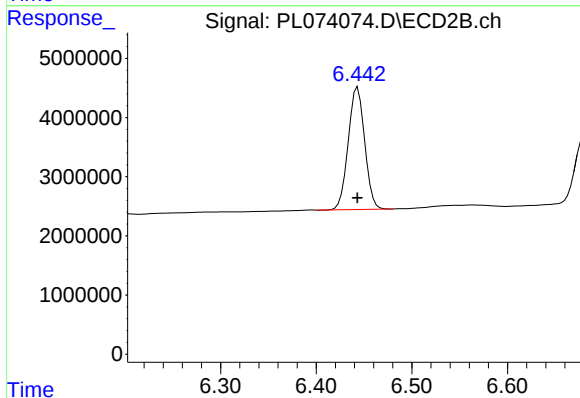
#3 gamma-BHC (Lindane)

R.T.: 5.769 min
Delta R.T.: 0.000 min
Response: 4431008
Conc: 10.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

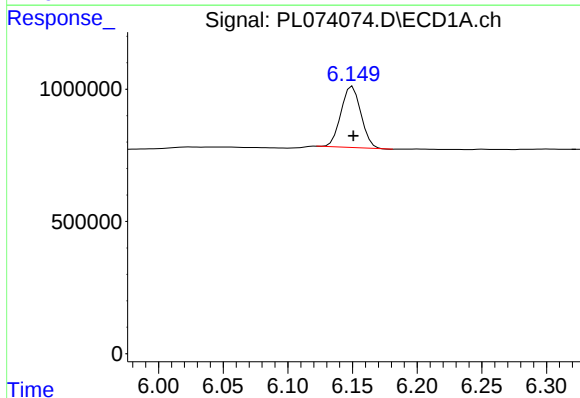
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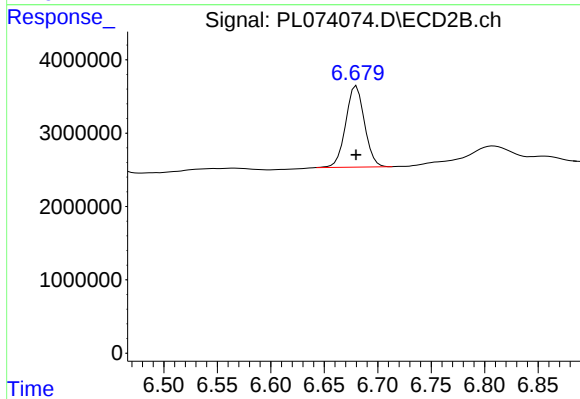
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 24794302
Conc: 10.47 ng/ml



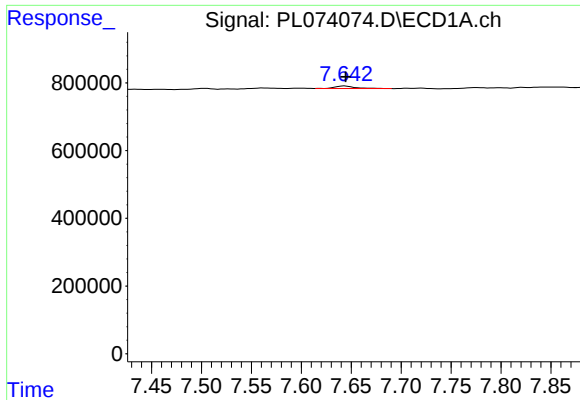
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 2483274
Conc: 12.15 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 13535891
Conc: 12.01 ng/ml



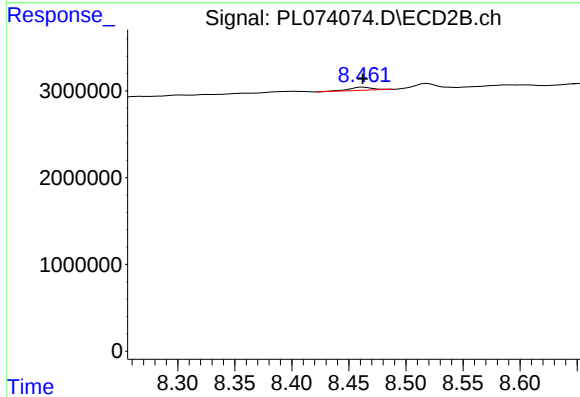
#12 4,4'-DDE

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 99259
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

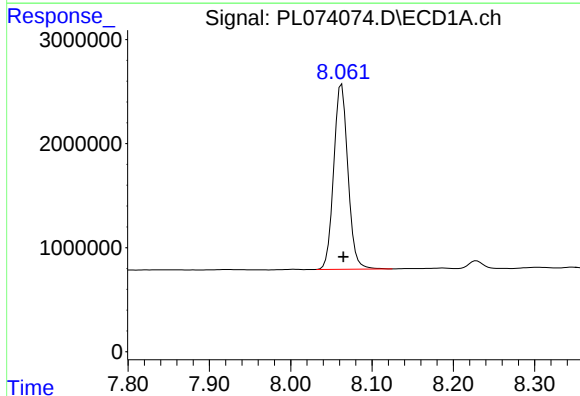
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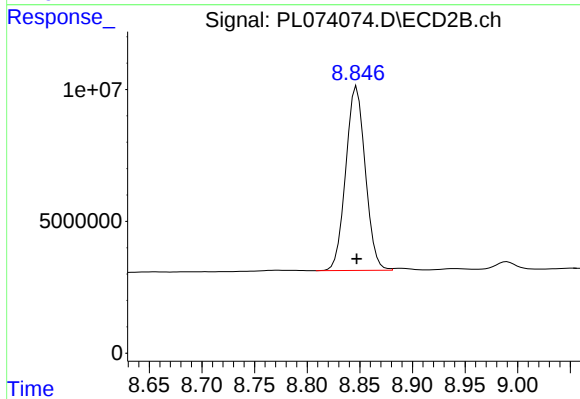
#12 4,4'-DDE

R.T.: 8.463 min
Delta R.T.: 0.000 min
Response: 500561
Conc: 0.25 ng/ml



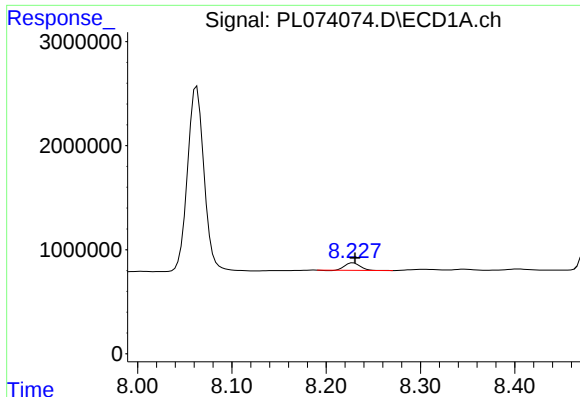
#14 Endrin

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 21636717
Conc: 53.26 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.000 min
Response: 90353848
Conc: 53.35 ng/ml



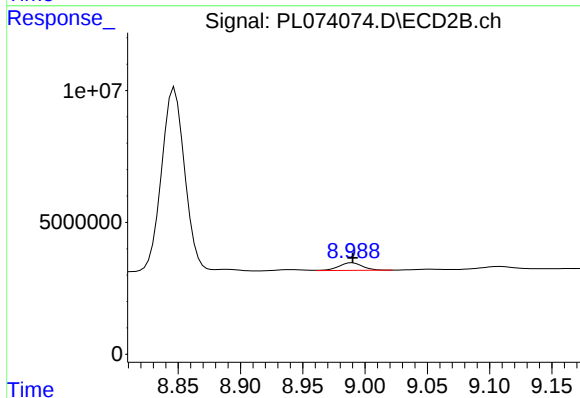
#16 4,4'-DDD

R.T.: 8.229 min
Delta R.T.: -0.002 min
Response: 812535
Conc: 2.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

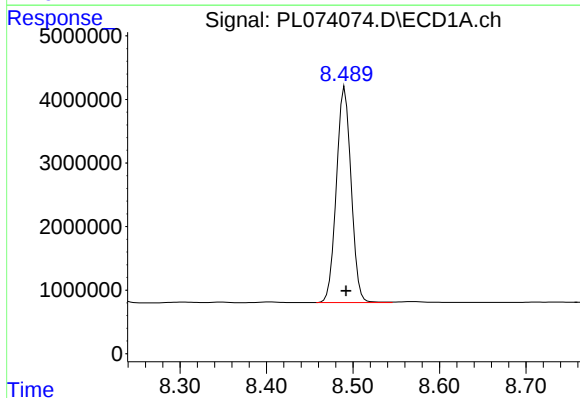
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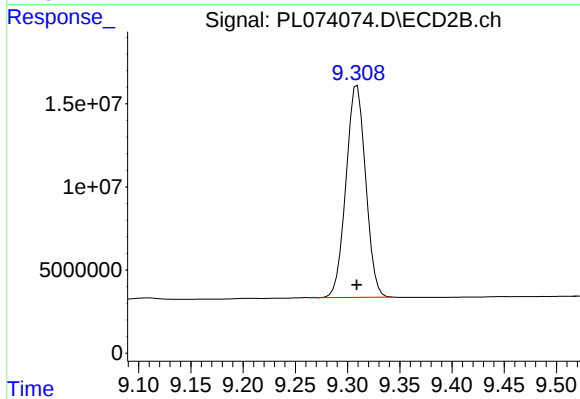
#16 4,4'-DDD

R.T.: 8.990 min
Delta R.T.: 0.000 min
Response: 3815245
Conc: 2.48 ng/ml



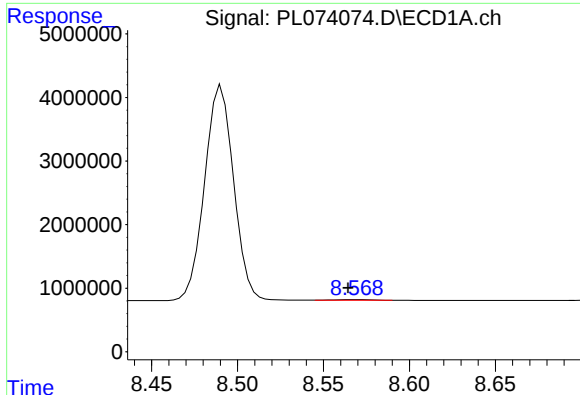
#17 4,4'-DDT

R.T.: 8.491 min
Delta R.T.: -0.001 min
Response: 39945072
Conc: 108.07 ng/ml



#17 4,4'-DDT

R.T.: 9.309 min
Delta R.T.: 0.000 min
Response: 166921851
Conc: 94.16 ng/ml



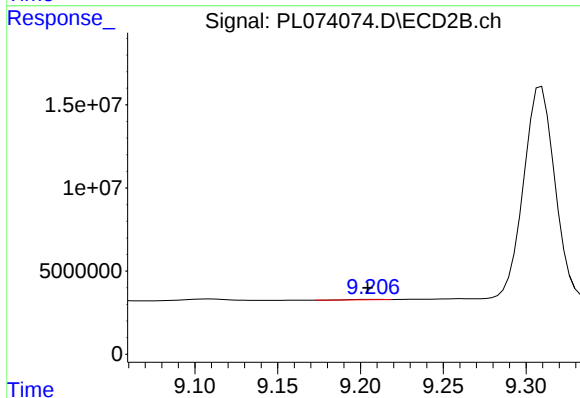
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: 0.004 min
Response: 149644
Conc: 0.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

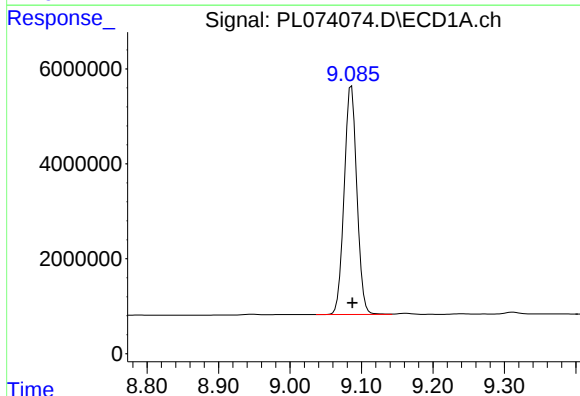
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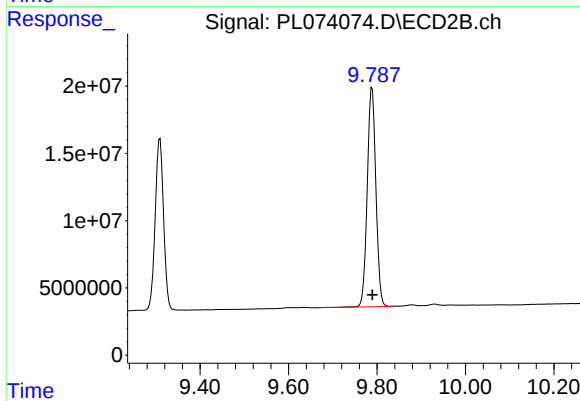
#18 Endrin aldehyde

R.T.: 9.208 min
Delta R.T.: 0.003 min
Response: 270477
Conc: 0.21 ng/ml



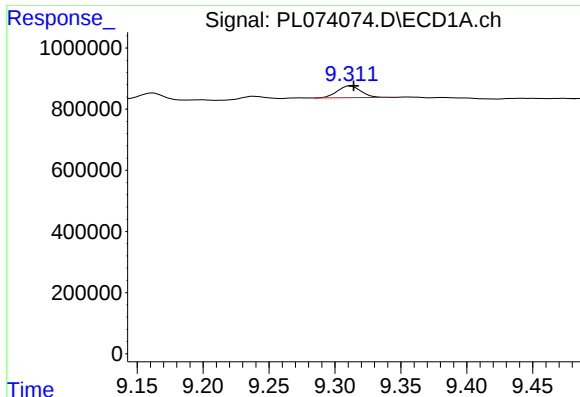
#20 Methoxychlor

R.T.: 9.086 min
Delta R.T.: -0.001 min
Response: 59540059
Conc: 239.82 ng/ml



#20 Methoxychlor

R.T.: 9.789 min
Delta R.T.: 0.000 min
Response: 221030730
Conc: 229.80 ng/ml



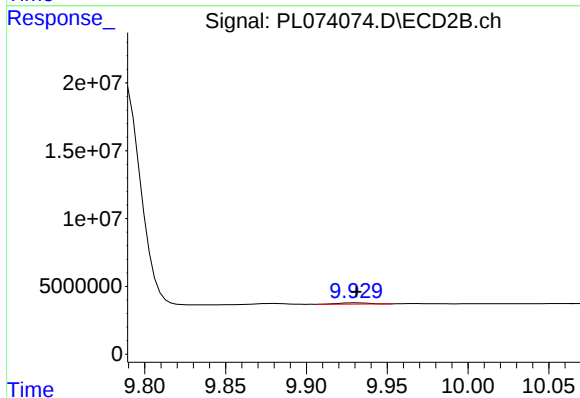
#21 Endrin ketone

R.T.: 9.312 min
Delta R.T.: -0.002 min
Response: 477781
Conc: 0.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

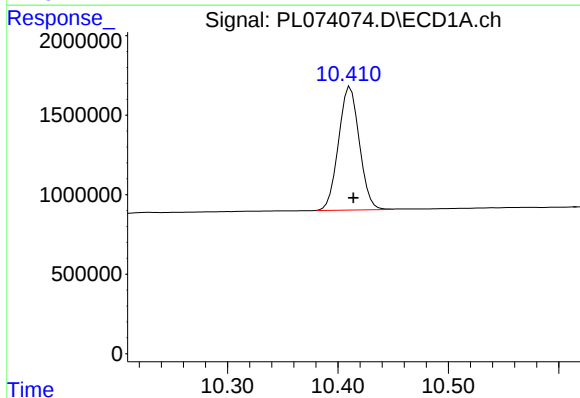
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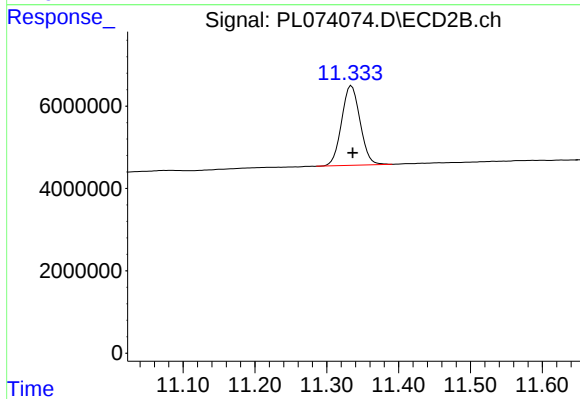
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 1155198
Conc: 0.67 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.411 min
Delta R.T.: -0.003 min
Response: 10169907
Conc: 19.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: -0.002 min
Response: 34503926
Conc: 19.53 ng/ml