

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040822\
 Data File : PL073878.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 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 04/09/2022
 Supervised By :mohammad ahmed 04/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 15:32:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 08 15:30:13 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...	4.640	5.491	6871725	36476648	21.267	20.458
28)	SA Decachlor...	10.414	11.335	11128989	36976536	21.401	20.934
Target Compounds							
2)	A alpha-BHC	5.348	6.053	4055191	22695099	9.663	9.013
3)	MA gamma-BHC...	5.771	6.443	4217627	22271806	10.056	9.409
6)	B beta-BHC	6.152	6.680	2223777	12386321	10.883	10.990
12)	B 4,4'-DDE	7.646	8.461	67249	254085	0.184m	0.128m#
14)	MA Endrin	8.066	8.848	20546339	89176237	50.578	52.653
16)	A 4,4'-DDD	8.233	8.989	156668	616167	0.485	0.400m
17)	MA 4,4'-DDT	8.494	9.309	38809552	179.2E6	104.993	101.091
18)	B Endrin al...	8.572	9.206	86897	293798	0.269m	0.227
20)	A Methoxychlor	9.088	9.789	57420485	232.4E6	231.284	241.635
21)	B Endrin ke...	9.315	9.929	342695	1132272	0.701	0.654m

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

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Acq On : 08 Apr 2022 09:06
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

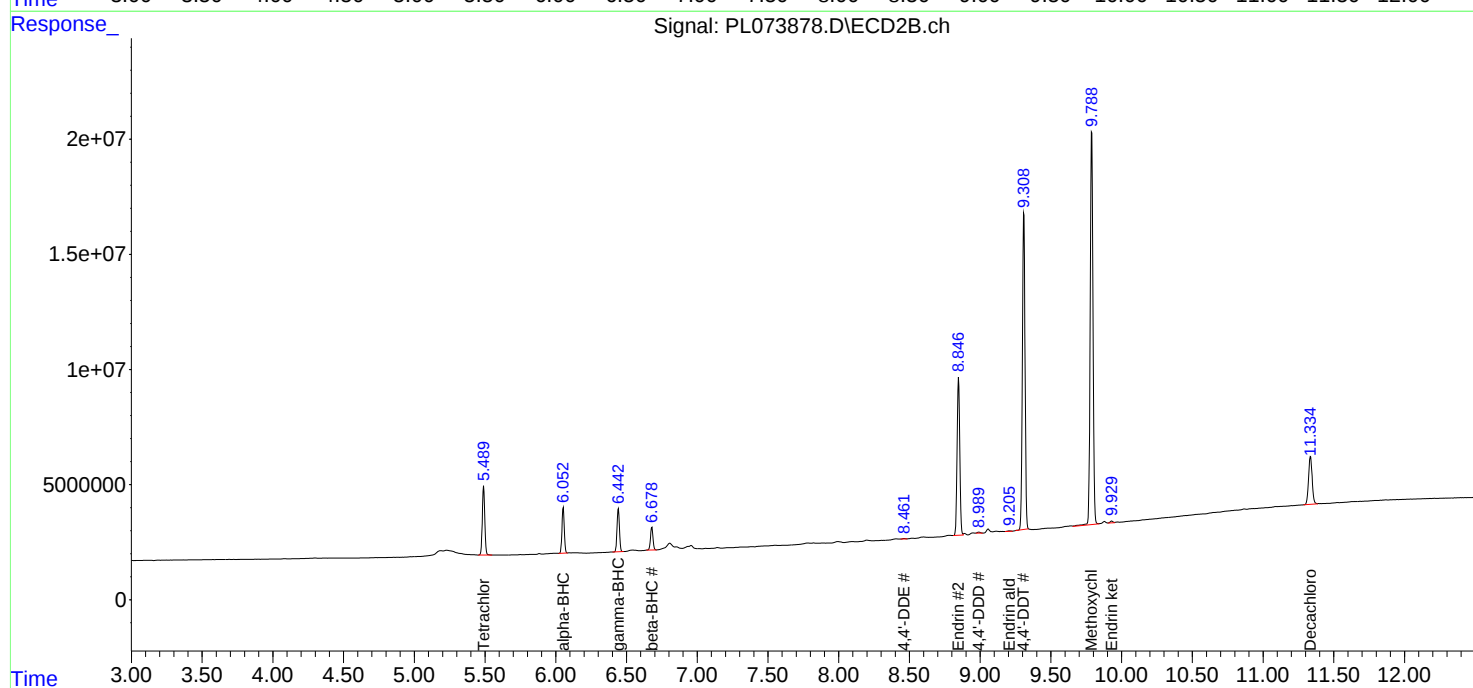
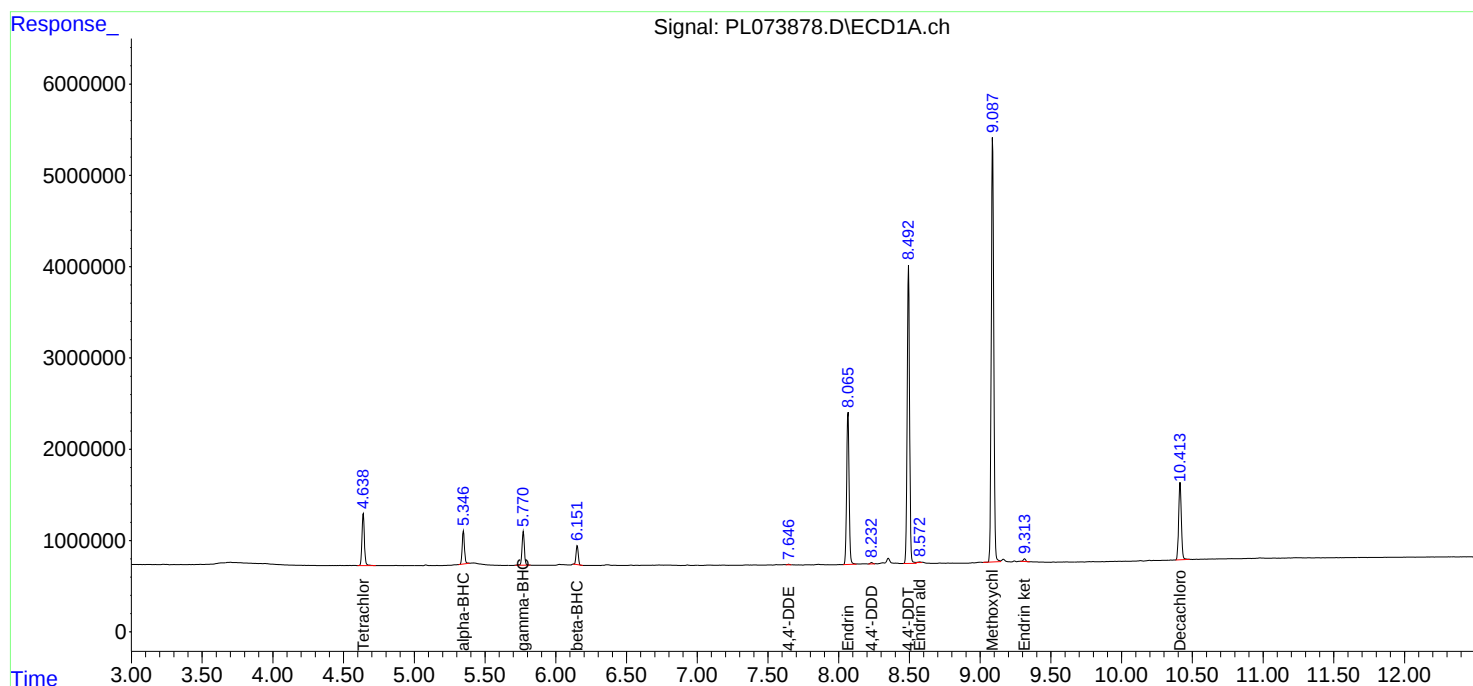
Instrument :
ECD_L
ClientSampleId :
PEM

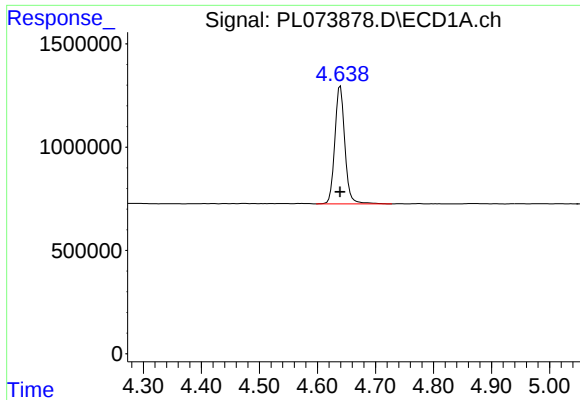
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Integration File signal 1: autoint1.e
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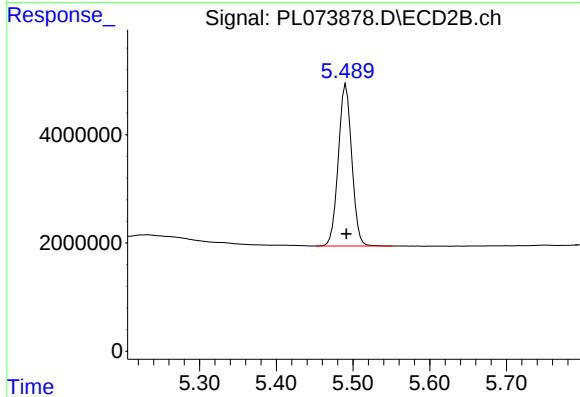
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: 0.000 min
Response: 6871725
Conc: 21.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

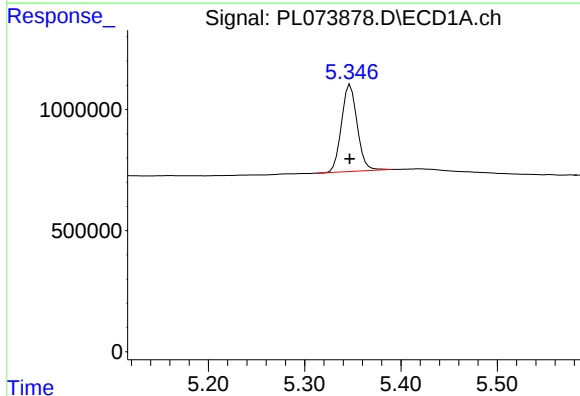
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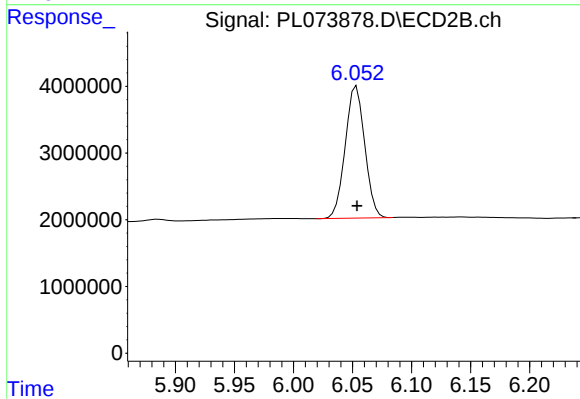
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 36476648
Conc: 20.46 ng/ml



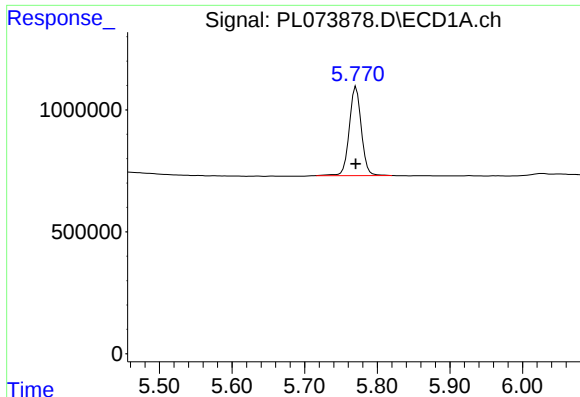
#2 alpha-BHC

R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 4055191
Conc: 9.66 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 22695099
Conc: 9.01 ng/ml



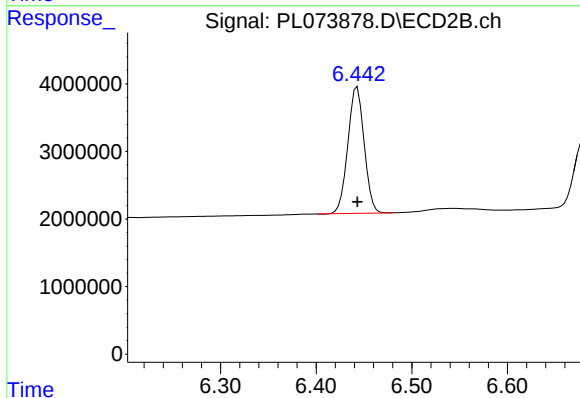
#3 gamma-BHC (Lindane)

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 4217627
Conc: 10.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

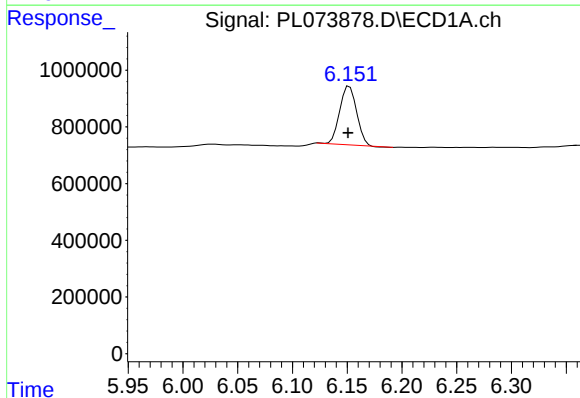
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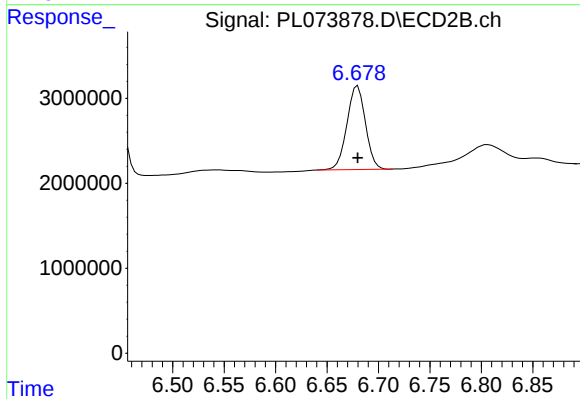
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 22271806
Conc: 9.41 ng/ml



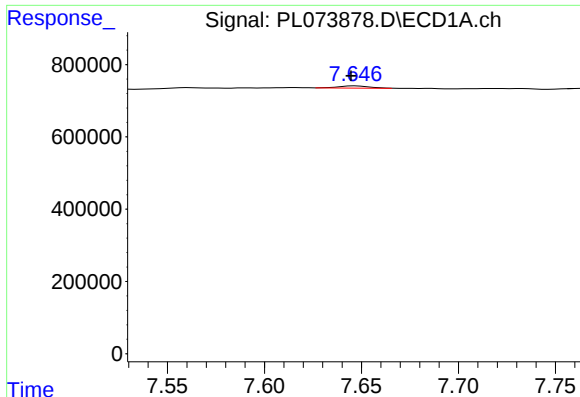
#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: 0.001 min
Response: 2223777
Conc: 10.88 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 12386321
Conc: 10.99 ng/ml



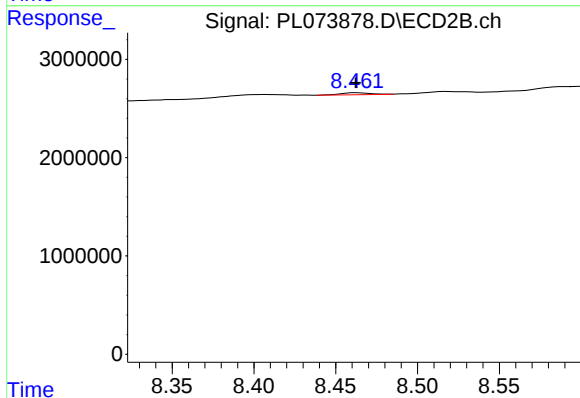
#12 4,4'-DDE

R.T.: 7.646 min
Delta R.T.: 0.000 min
Response: 67249
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

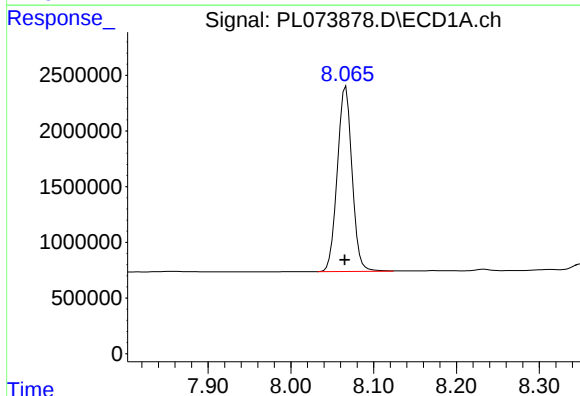
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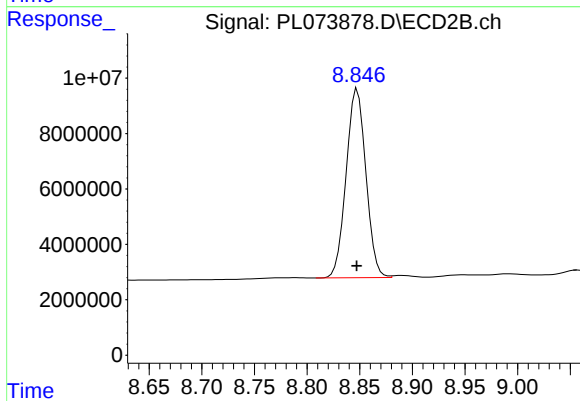
#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 254085
Conc: 0.13 ng/ml m



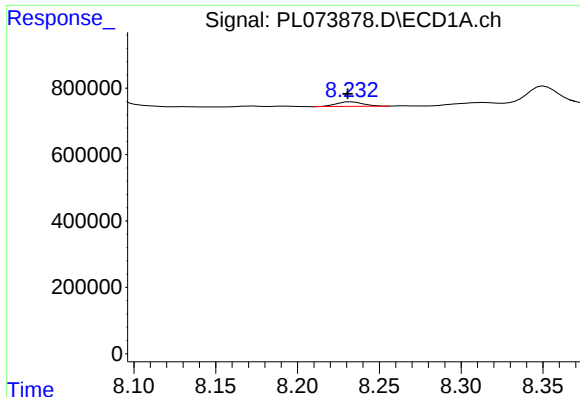
#14 Endrin

R.T.: 8.066 min
Delta R.T.: 0.002 min
Response: 20546339
Conc: 50.58 ng/ml



#14 Endrin

R.T.: 8.848 min
Delta R.T.: 0.000 min
Response: 89176237
Conc: 52.65 ng/ml



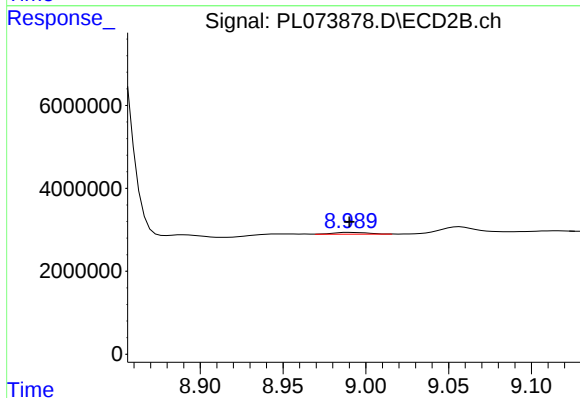
#16 4,4'-DDD

R.T.: 8.233 min
Delta R.T.: 0.002 min
Response: 156668
Conc: 0.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

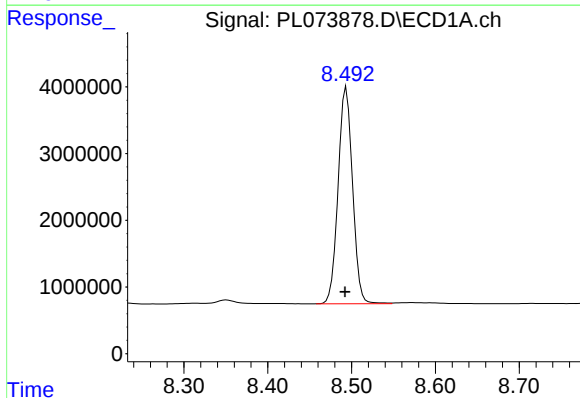
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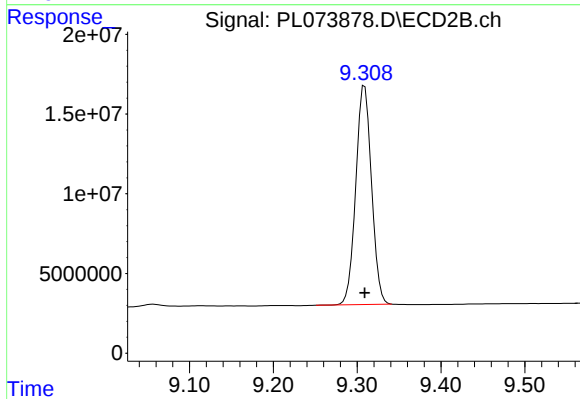
#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 616167
Conc: 0.40 ng/ml m



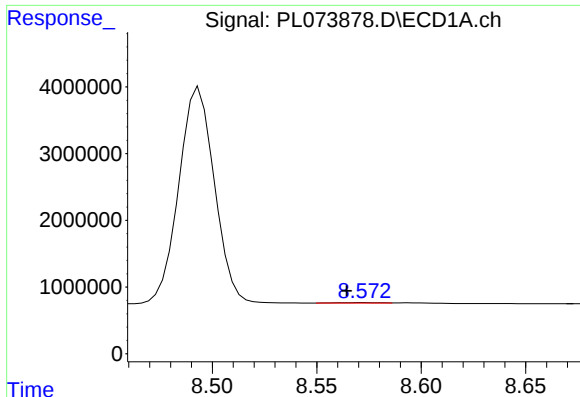
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: 0.002 min
Response: 38809552
Conc: 104.99 ng/ml



#17 4,4'-DDT

R.T.: 9.309 min
Delta R.T.: 0.000 min
Response: 179201007
Conc: 101.09 ng/ml



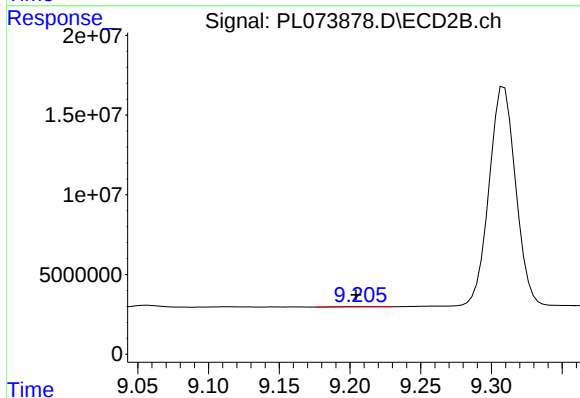
#18 Endrin aldehyde

R.T.: 8.572 min
Delta R.T.: 0.007 min
Response: 86897
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

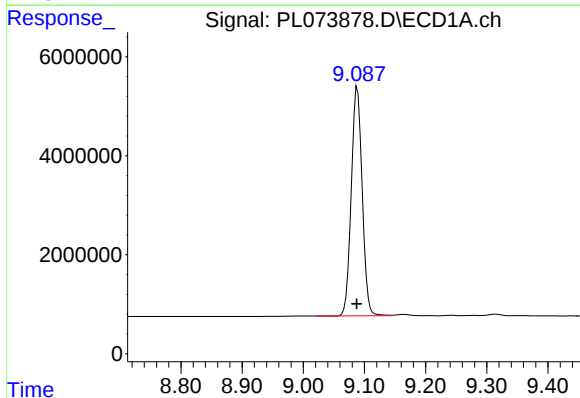
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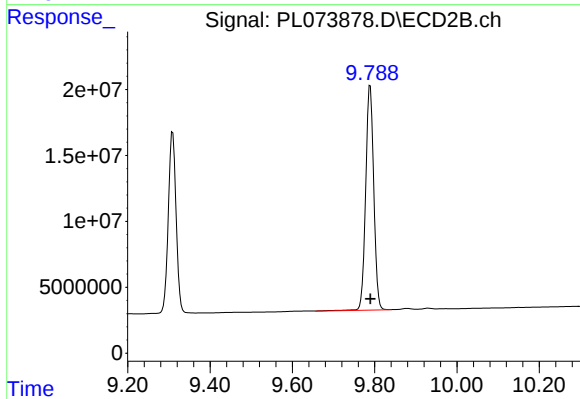
#18 Endrin aldehyde

R.T.: 9.206 min
Delta R.T.: 0.002 min
Response: 293798
Conc: 0.23 ng/ml



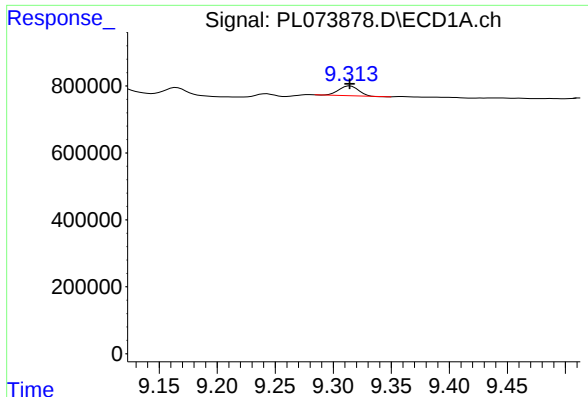
#20 Methoxychlor

R.T.: 9.088 min
Delta R.T.: 0.001 min
Response: 57420485
Conc: 231.28 ng/ml



#20 Methoxychlor

R.T.: 9.789 min
Delta R.T.: 0.000 min
Response: 232415743
Conc: 241.63 ng/ml



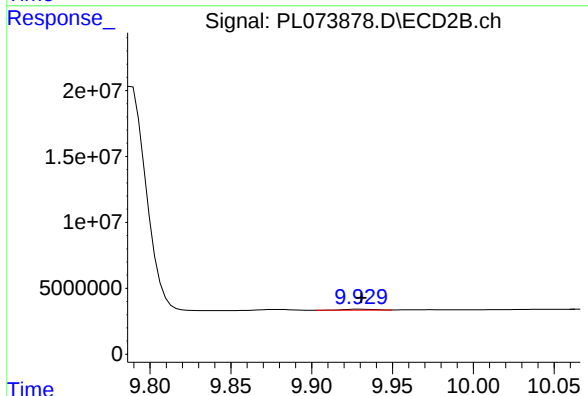
#21 Endrin ketone

R.T.: 9.315 min
Delta R.T.: 0.000 min
Response: 342695
Conc: 0.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

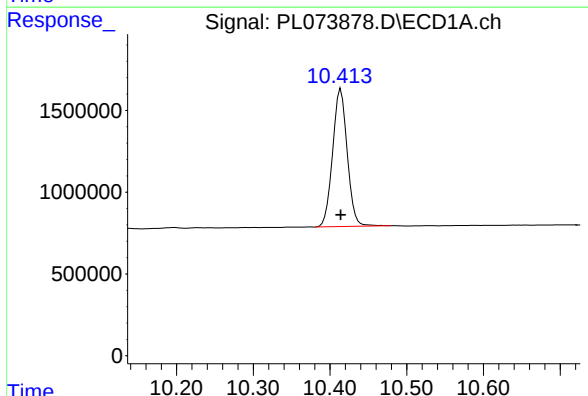
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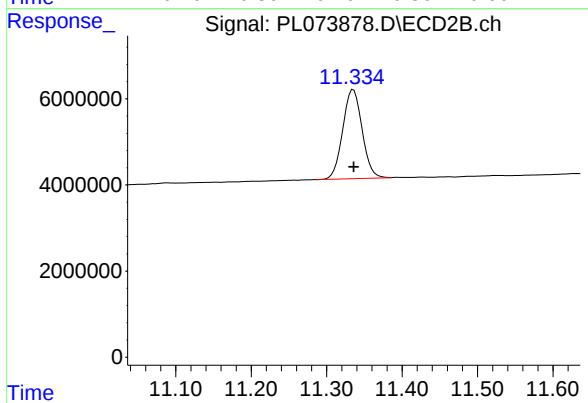
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 1132272
Conc: 0.65 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.414 min
Delta R.T.: 0.000 min
Response: 11128989
Conc: 21.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.335 min
Delta R.T.: 0.000 min
Response: 36976536
Conc: 20.93 ng/ml