

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
 Data File : PL082640.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2023 09:09
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/12/2023
 Supervised By : Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 21:18:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 2023
 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...	3.322	2.643	51576376	42897203	19.308	18.516
28)	SA Decachlor...	8.742	7.753	39405291	43170086	20.641	18.914
Target Compounds							
2)	A alpha-BHC	3.771	3.140	35607738	27751137	8.946	8.154
3)	MA gamma-BHC...	4.099	3.467	35261672	26958670	9.431	8.385
6)	B beta-BHC	4.303	3.768	17006433	13891254	9.972	10.181
12)	B 4,4'-DDE	5.951	5.078	494232	358519	0.194	0.156m
14)	MA Endrin	6.324	5.483	103.3E6	98065963	42.616	40.093
16)	A 4,4'-DDD	6.468	5.634	9911938	8325903	4.889	4.451
17)	MA 4,4'-DDT	6.779	5.882	198.7E6	192.1E6	86.835	90.916
18)	B Endrin al...	6.676	5.960	3902790	5457600	2.071	2.916 #
20)	A Methoxychlor	7.261	6.460	266.4E6	257.9E6	218.286	212.814m
21)	B Endrin ke...	7.388	6.684	8790732	9755634	3.671m	3.844m

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

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Acq On : 11 May 2023 09:09
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

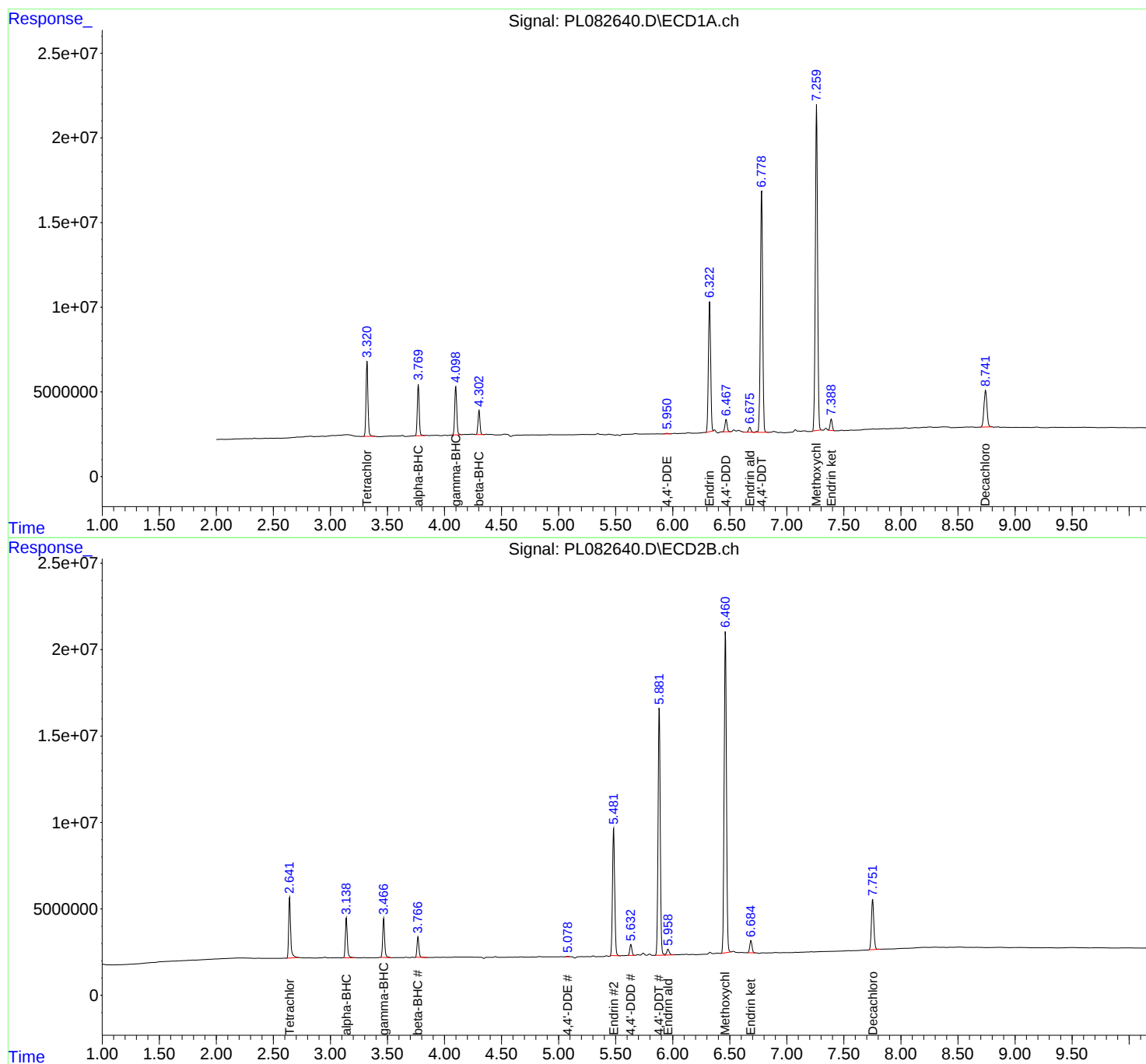
Instrument :
ECD_L
ClientSampleId :
PEM

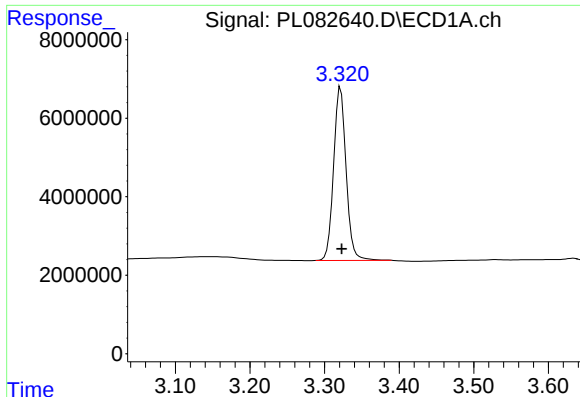
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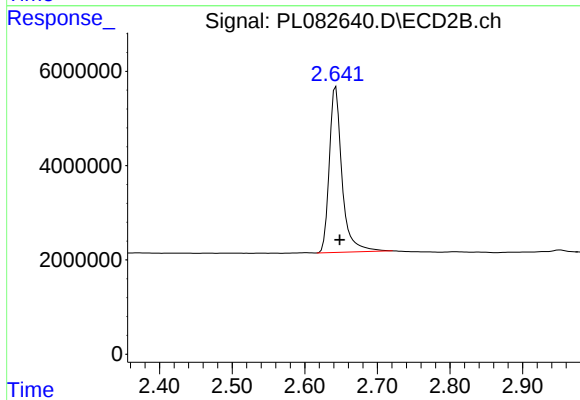
#1 Tetrachloro-m-xylene

R.T.: 3.322 min
Delta R.T.: -0.001 min
Response: 51576376
Conc: 19.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

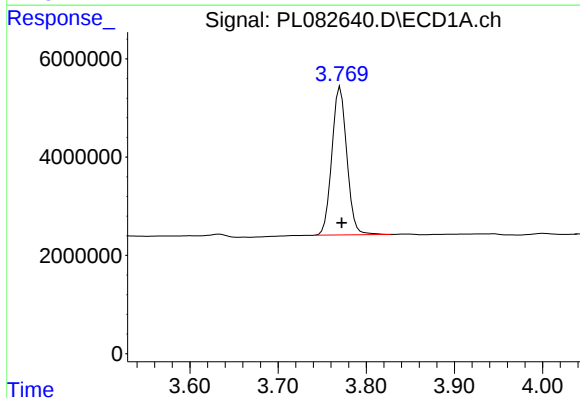
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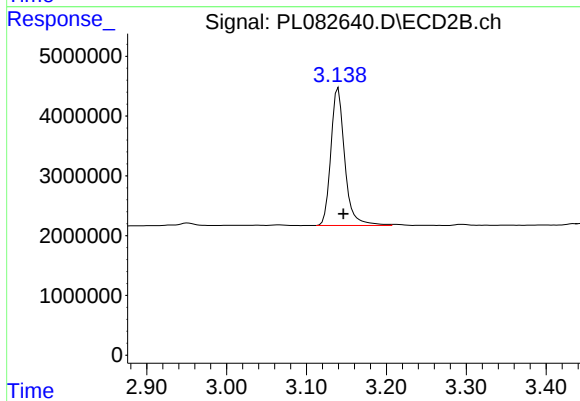
#1 Tetrachloro-m-xylene

R.T.: 2.643 min
Delta R.T.: -0.005 min
Response: 42897203
Conc: 18.52 ng/ml



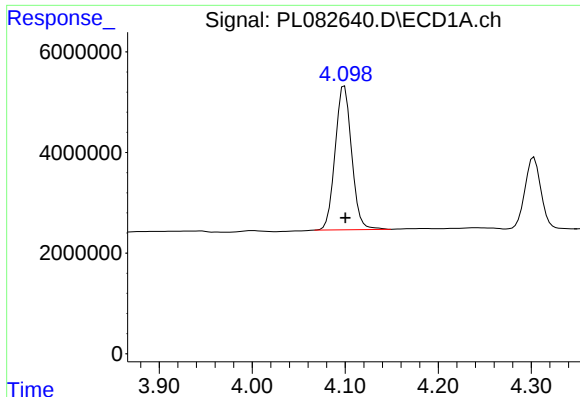
#2 alpha-BHC

R.T.: 3.771 min
Delta R.T.: -0.002 min
Response: 35607738
Conc: 8.95 ng/ml



#2 alpha-BHC

R.T.: 3.140 min
Delta R.T.: -0.007 min
Response: 27751137
Conc: 8.15 ng/ml



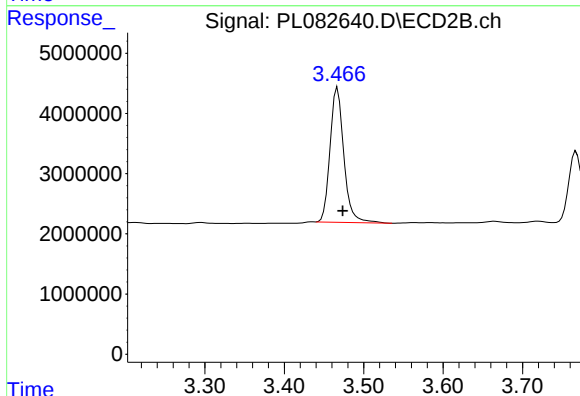
#3 gamma-BHC (Lindane)

R.T.: 4.099 min
Delta R.T.: -0.001 min
Response: 35261672
Conc: 9.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

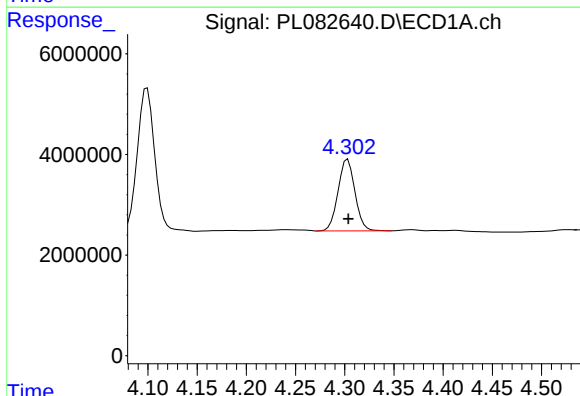
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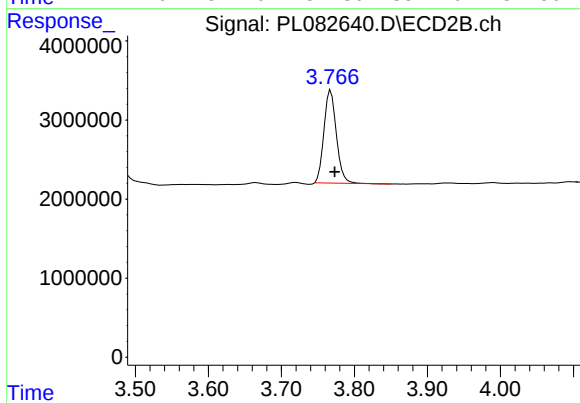
#3 gamma-BHC (Lindane)

R.T.: 3.467 min
Delta R.T.: -0.006 min
Response: 26958670
Conc: 8.38 ng/ml



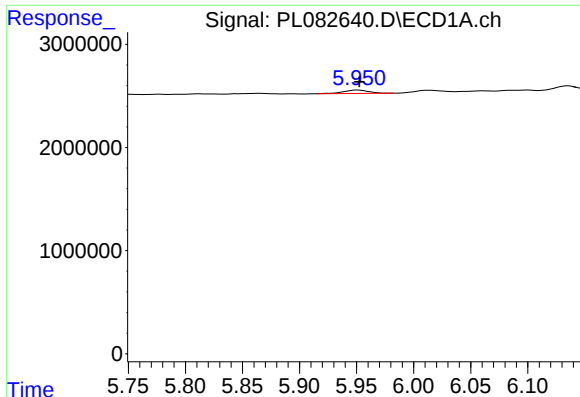
#6 beta-BHC

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 17006433
Conc: 9.97 ng/ml



#6 beta-BHC

R.T.: 3.768 min
Delta R.T.: -0.005 min
Response: 13891254
Conc: 10.18 ng/ml



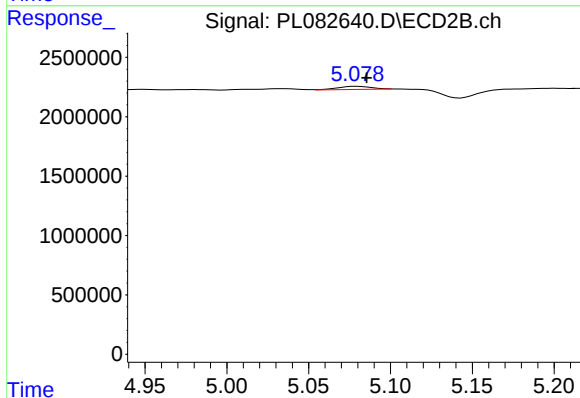
#12 4,4'-DDE

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 494232
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

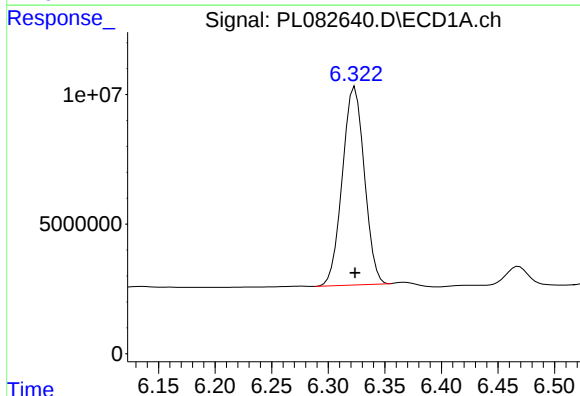
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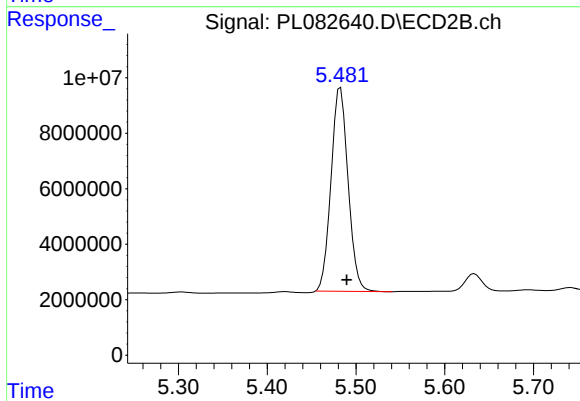
#12 4,4'-DDE

R.T.: 5.078 min
Delta R.T.: -0.007 min
Response: 358519
Conc: 0.16 ng/ml m



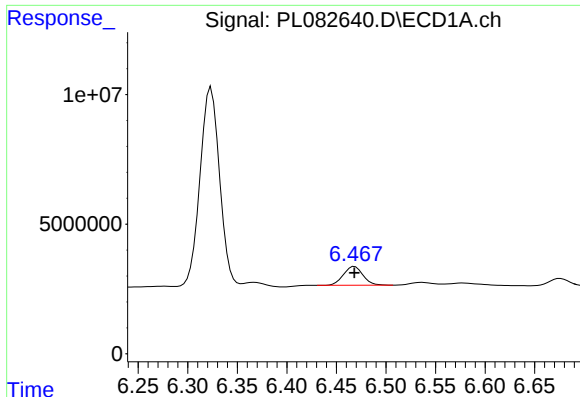
#14 Endrin

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 103324655
Conc: 42.62 ng/ml



#14 Endrin

R.T.: 5.483 min
Delta R.T.: -0.007 min
Response: 98065963
Conc: 40.09 ng/ml



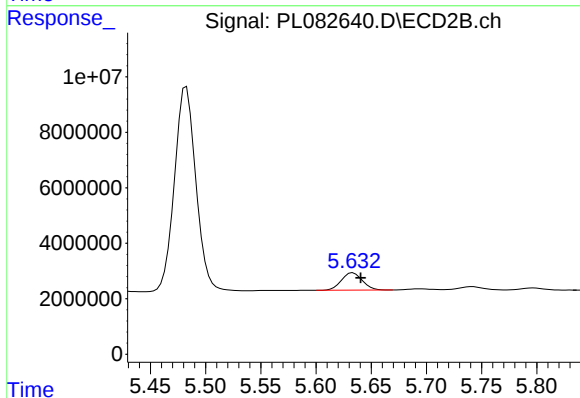
#16 4,4'-DDD

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 9911938
Conc: 4.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

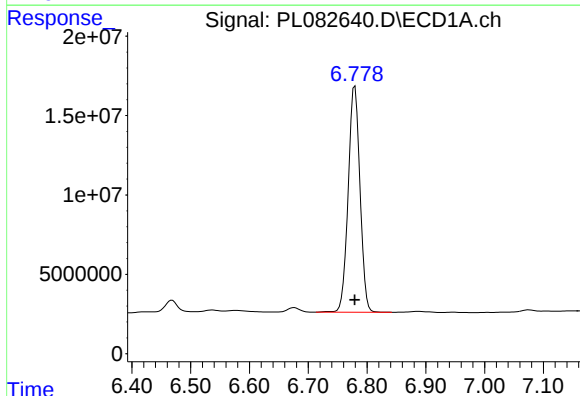
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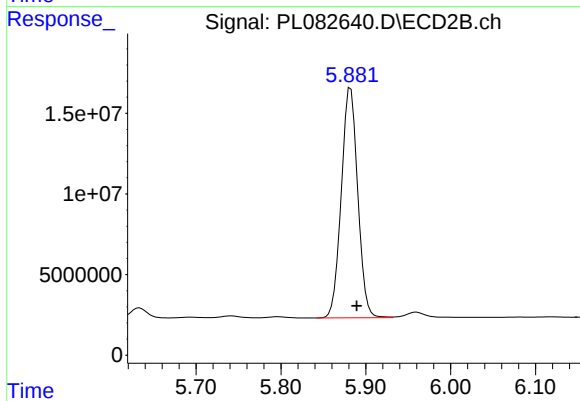
#16 4,4'-DDD

R.T.: 5.634 min
Delta R.T.: -0.007 min
Response: 8325903
Conc: 4.45 ng/ml



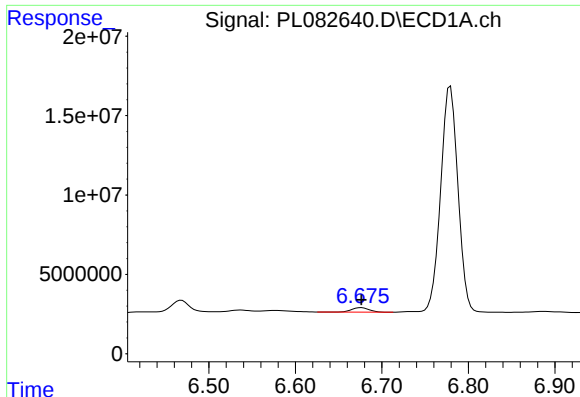
#17 4,4'-DDT

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 198653792
Conc: 86.83 ng/ml



#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: -0.007 min
Response: 192068355
Conc: 90.92 ng/ml



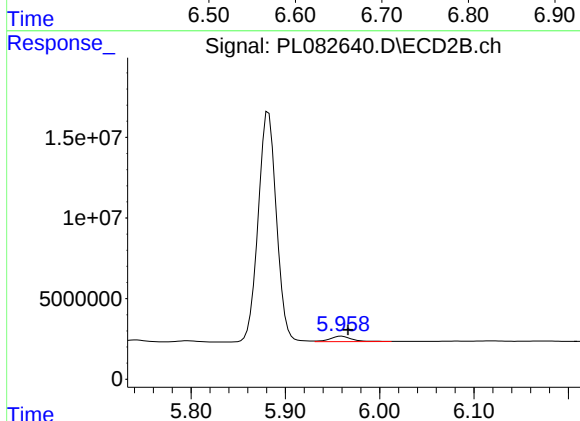
#18 Endrin aldehyde

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 3902790
Conc: 2.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

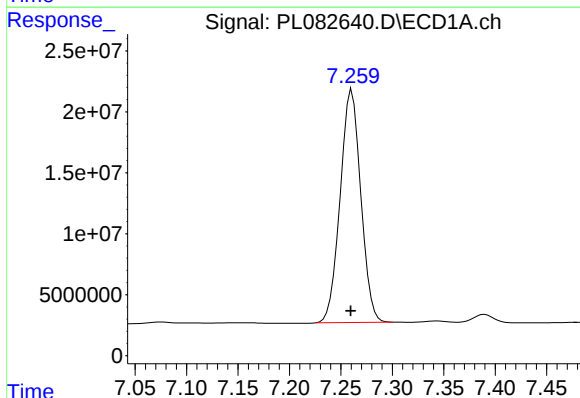
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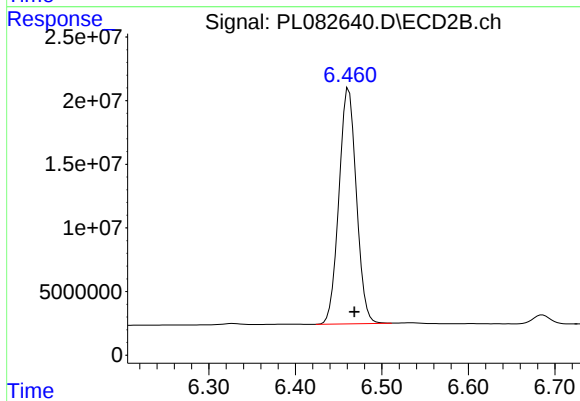
#18 Endrin aldehyde

R.T.: 5.960 min
Delta R.T.: -0.007 min
Response: 5457600
Conc: 2.92 ng/ml



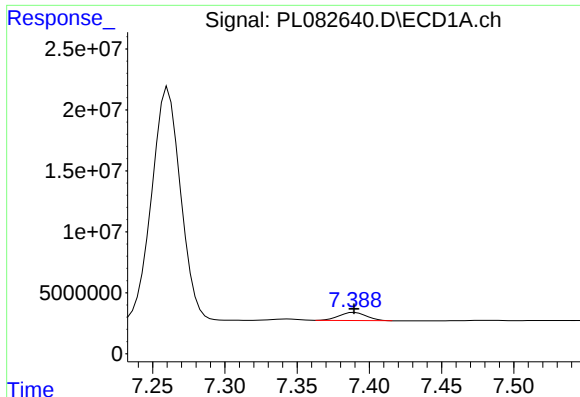
#20 Methoxychlor

R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 266380804
Conc: 218.29 ng/ml



#20 Methoxychlor

R.T.: 6.460 min
Delta R.T.: -0.008 min
Response: 257895280
Conc: 212.81 ng/ml m



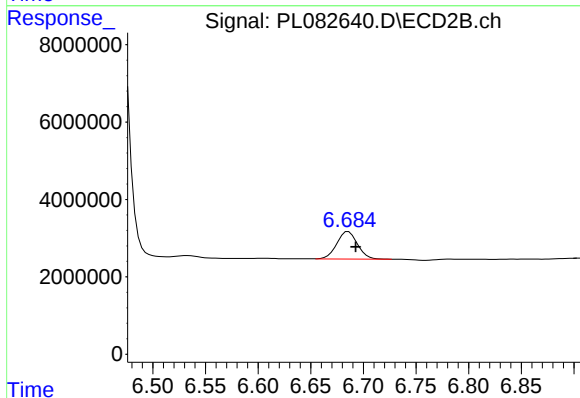
#21 Endrin ketone

R.T.: 7.388 min
Delta R.T.: -0.001 min
Response: 8790732
Conc: 3.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

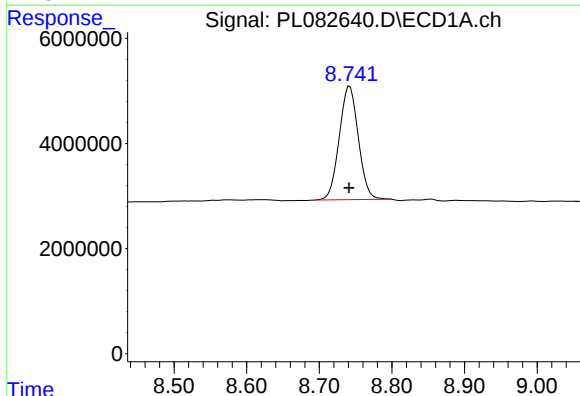
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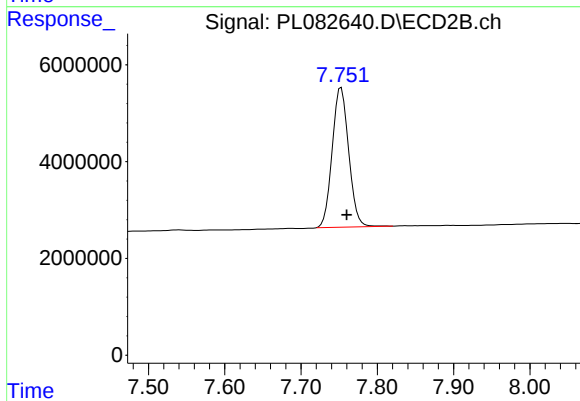
#21 Endrin ketone

R.T.: 6.684 min
Delta R.T.: -0.009 min
Response: 9755634
Conc: 3.84 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.742 min
Delta R.T.: 0.000 min
Response: 39405291
Conc: 20.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.753 min
Delta R.T.: -0.007 min
Response: 43170086
Conc: 18.91 ng/ml