

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012224\
 Data File : PL087878.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jan 2024 09:48
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/23/2024
 Supervised By : Ankita Jodhani 01/23/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 21:33:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 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...	3.420	2.674	62906094	26325370	21.012	21.732
28)	SA Decachlor...	8.976	7.859	61533751	27897707	21.606	22.022
Target Compounds							
2)	A alpha-BHC	3.876	3.177	43164626	17318415	9.620	9.396
3)	MA gamma-BHC...	4.209	3.507	41872368	16713460	9.600	9.197
6)	B beta-BHC	4.409	3.809	21050392	8527554	11.314	11.149
12)	B 4,4'-DDE	6.093	5.152	992383	431440	0.310	0.321
14)	MA Endrin	6.469	5.550	137.7E6	66075390	43.850	46.598
16)	A 4,4'-DDD	6.614	5.710	7433761	3190405	2.883	2.829
17)	MA 4,4'-DDT	6.932	5.963	287.0E6	135.3E6	100.358	108.728
18)	B Endrin al...	6.822	6.029	6793758	3079782	2.701	2.650m
20)	A Methoxychlor	7.417	6.548	366.4E6	168.6E6	225.648	229.065
21)	B Endrin ke...	7.545	6.760	13257440	6810003	4.076	4.442

(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

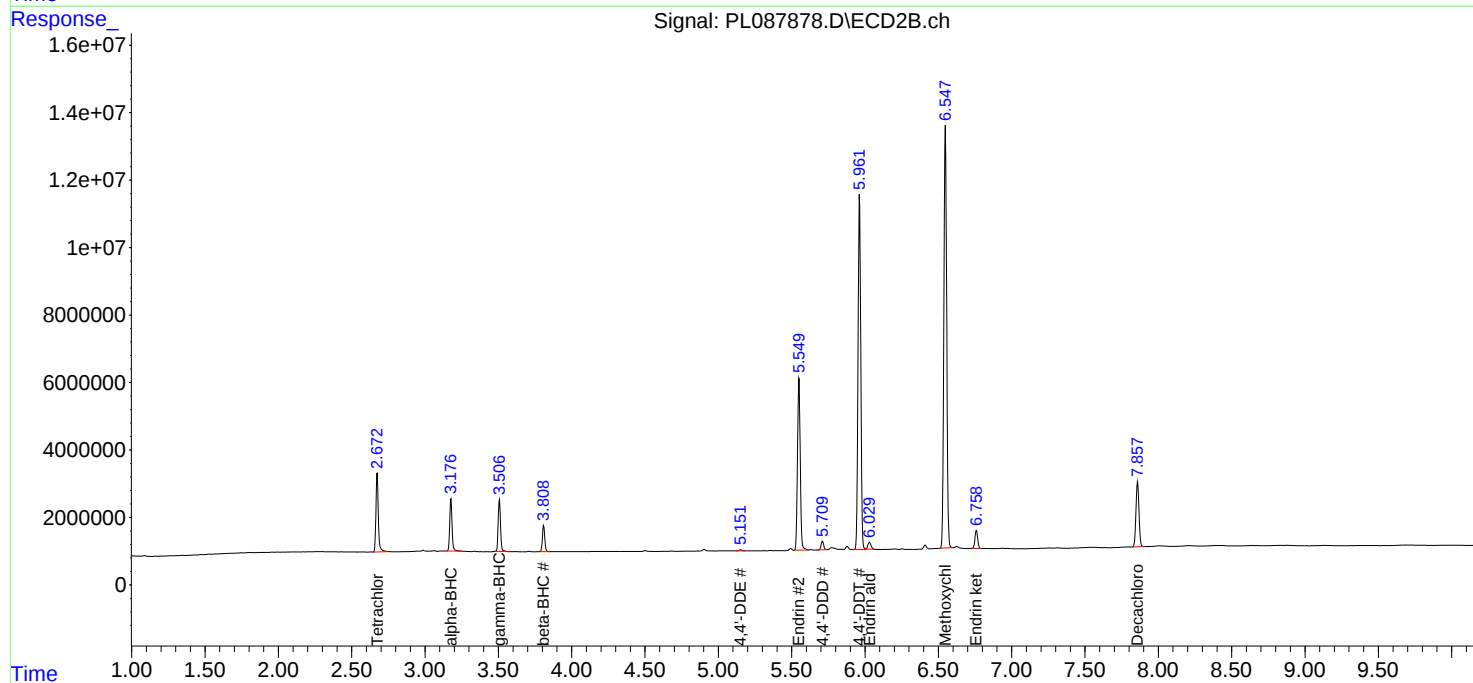
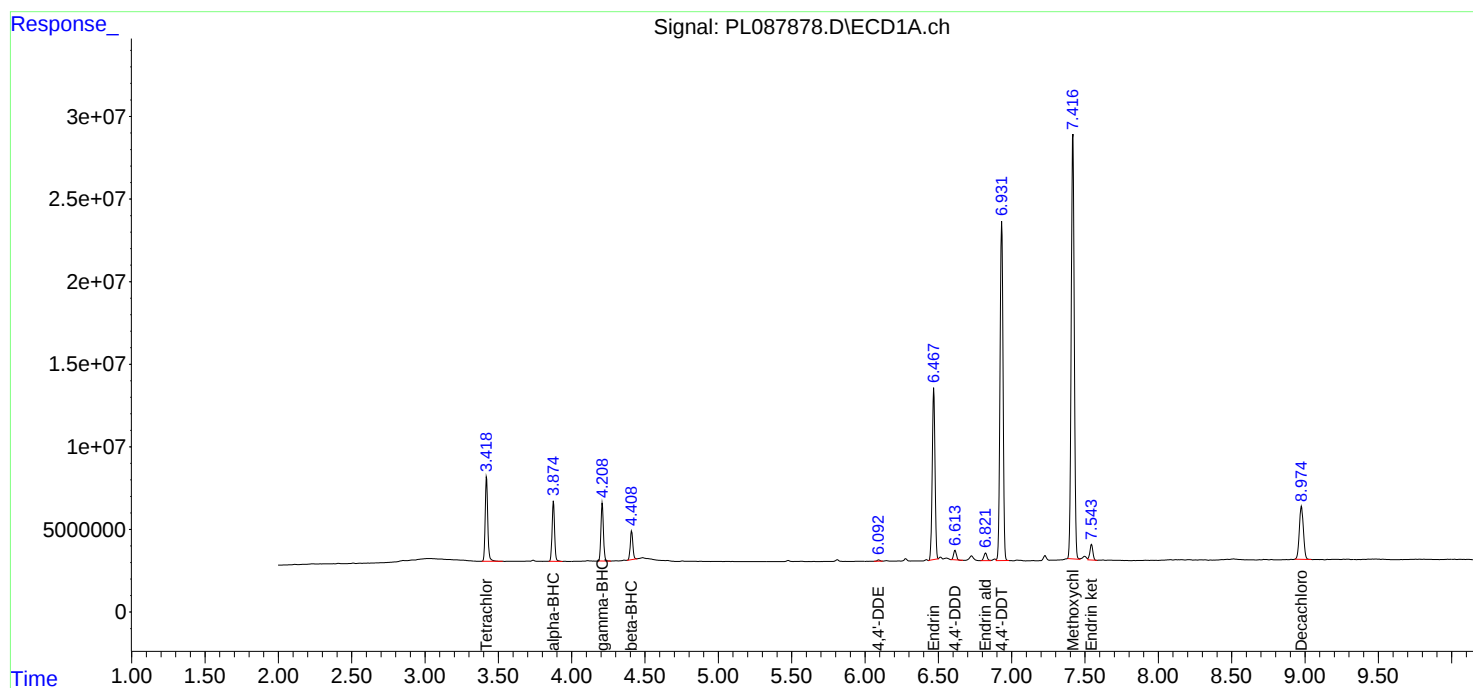
Instrument :
ECD_L
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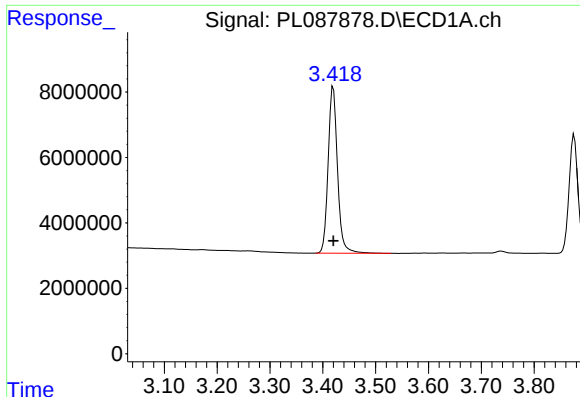
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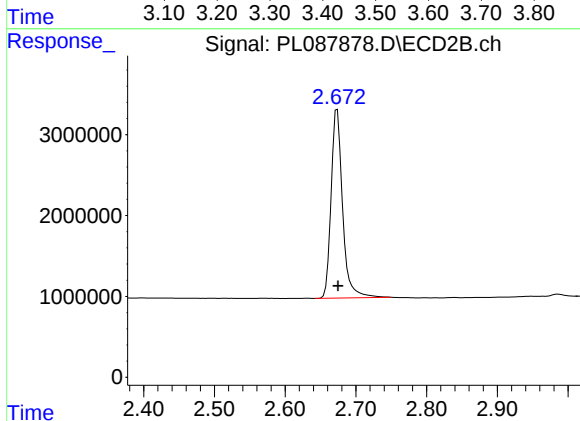
#1 Tetrachloro-m-xylene

R.T.: 3.420 min
Delta R.T.: 0.000 min
Response: 62906094
Conc: 21.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

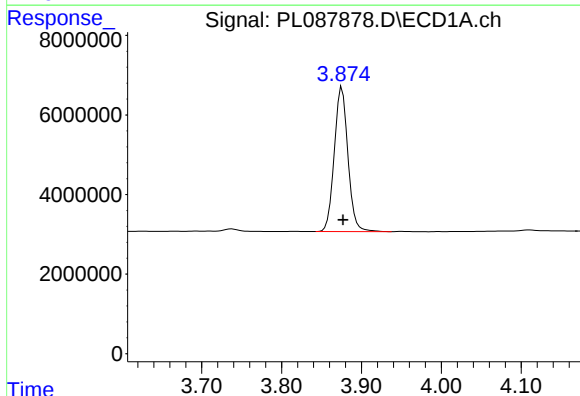
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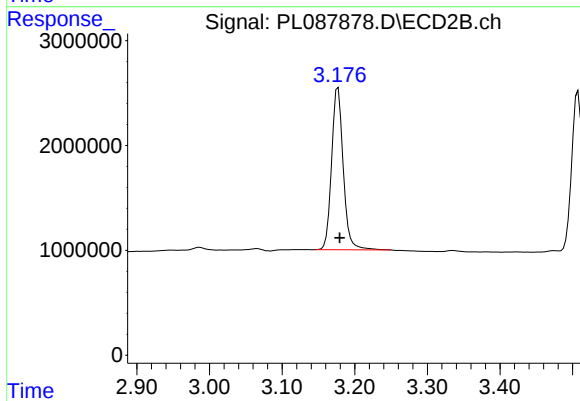
#1 Tetrachloro-m-xylene

R.T.: 2.674 min
Delta R.T.: -0.001 min
Response: 26325370
Conc: 21.73 ng/ml



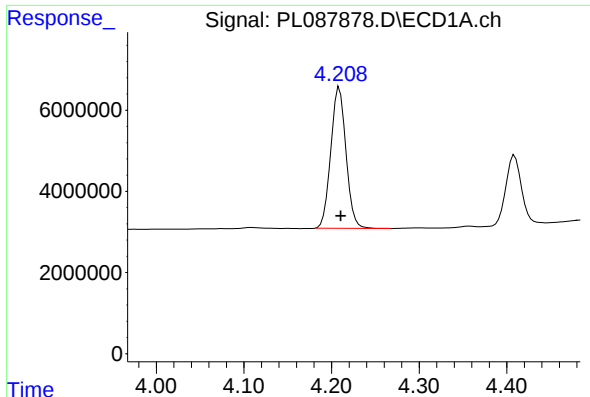
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: -0.001 min
Response: 43164626
Conc: 9.62 ng/ml



#2 alpha-BHC

R.T.: 3.177 min
Delta R.T.: -0.002 min
Response: 17318415
Conc: 9.40 ng/ml



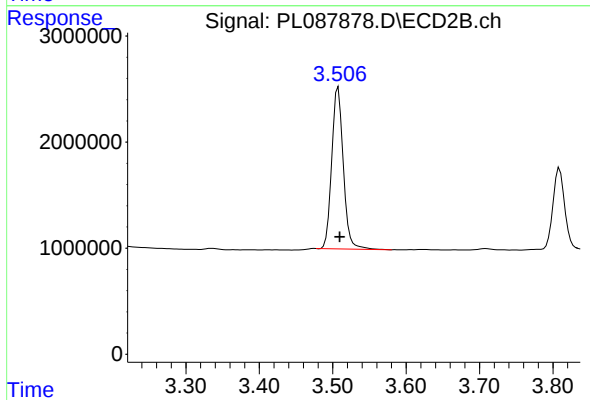
#3 gamma-BHC (Lindane)

R.T.: 4.209 min
Delta R.T.: -0.001 min
Response: 41872368
Conc: 9.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

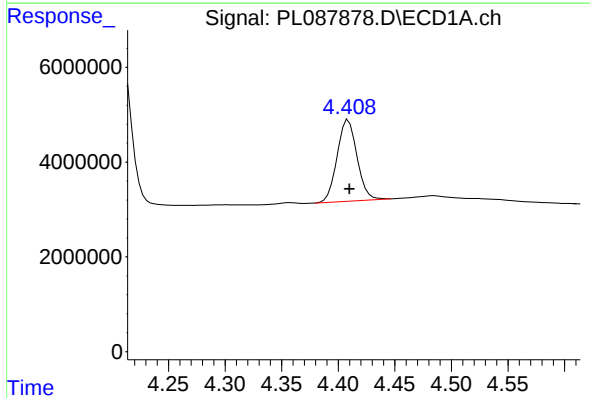
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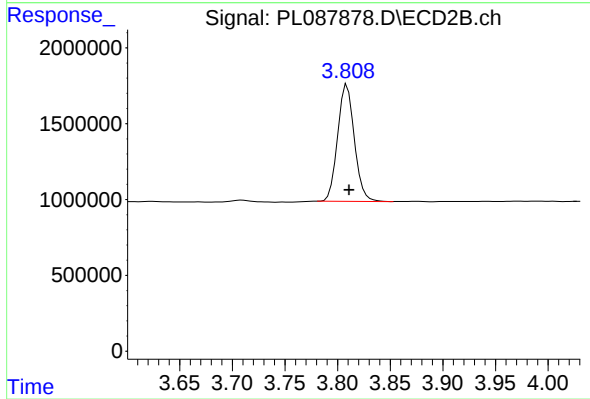
#3 gamma-BHC (Lindane)

R.T.: 3.507 min
Delta R.T.: -0.002 min
Response: 16713460
Conc: 9.20 ng/ml



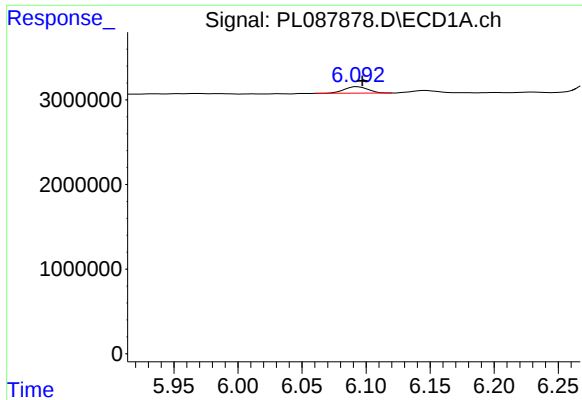
#6 beta-BHC

R.T.: 4.409 min
Delta R.T.: -0.001 min
Response: 21050392
Conc: 11.31 ng/ml



#6 beta-BHC

R.T.: 3.809 min
Delta R.T.: -0.002 min
Response: 8527554
Conc: 11.15 ng/ml



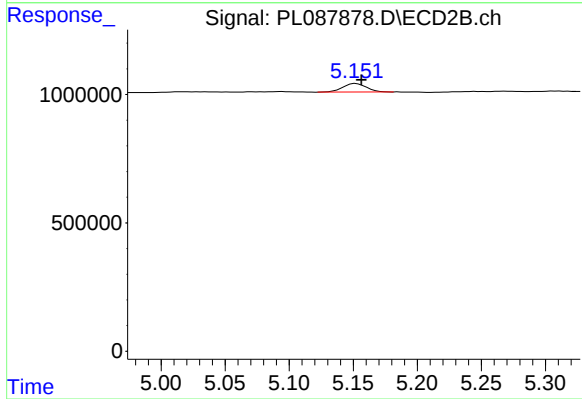
#12 4,4'-DDE

R.T.: 6.093 min
Delta R.T.: -0.004 min
Response: 992383
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#12 4,4'-DDE

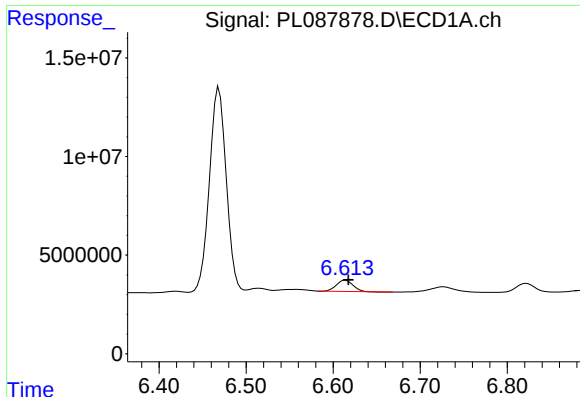
R.T.: 5.152 min
Delta R.T.: -0.004 min
Response: 431440
Conc: 0.32 ng/ml

#14 Endrin

R.T.: 6.469 min
Delta R.T.: -0.004 min
Response: 137727776
Conc: 43.85 ng/ml

#14 Endrin

R.T.: 5.550 min
Delta R.T.: -0.004 min
Response: 66075390
Conc: 46.60 ng/ml



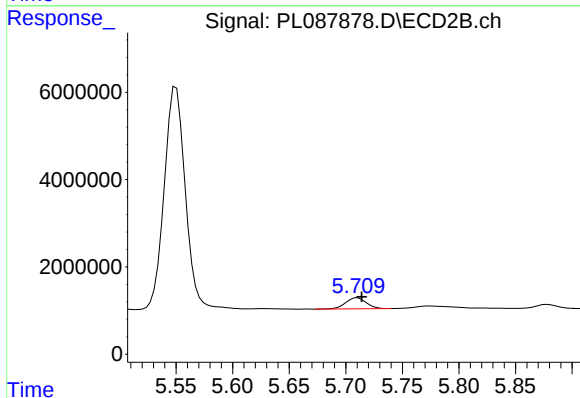
#16 4,4'-DDD

R.T.: 6.614 min
Delta R.T.: -0.003 min
Response: 7433761
Conc: 2.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

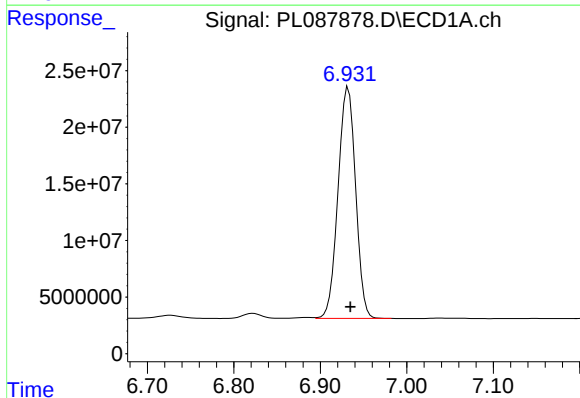
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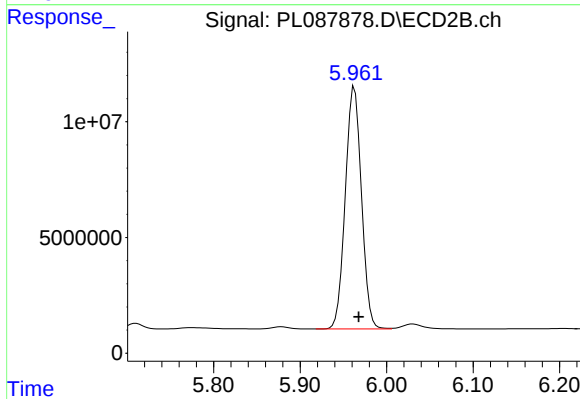
#16 4,4'-DDD

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 3190405
Conc: 2.83 ng/ml



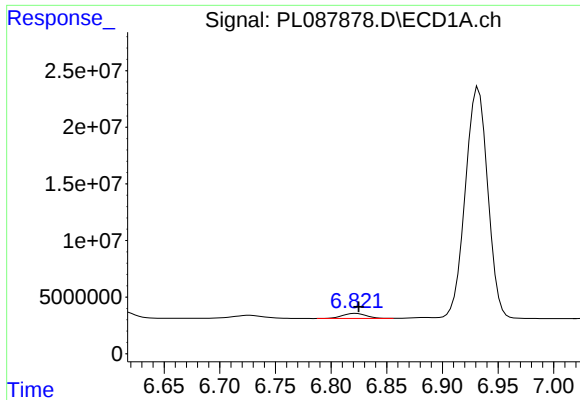
#17 4,4'-DDT

R.T.: 6.932 min
Delta R.T.: -0.003 min
Response: 286978363
Conc: 100.36 ng/ml



#17 4,4'-DDT

R.T.: 5.963 min
Delta R.T.: -0.005 min
Response: 135320730
Conc: 108.73 ng/ml



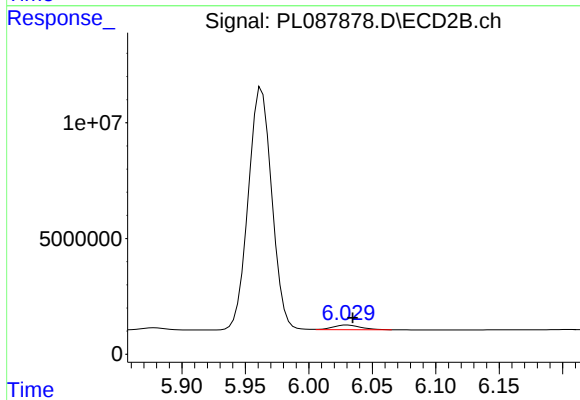
#18 Endrin aldehyde

R.T.: 6.822 min
Delta R.T.: -0.003 min
Response: 6793758
Conc: 2.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

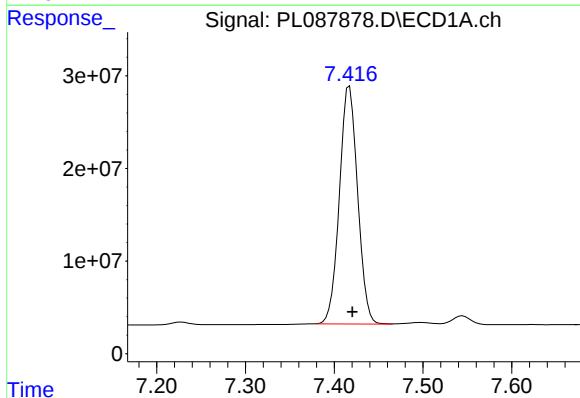
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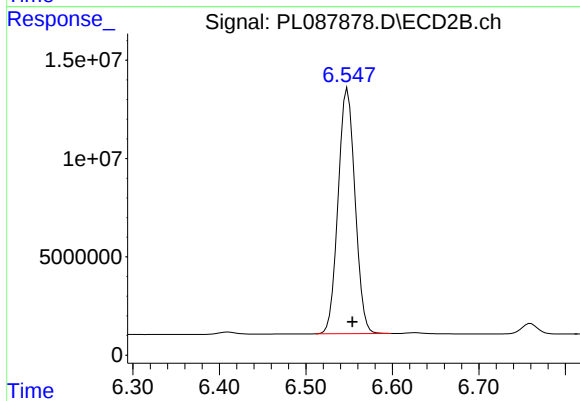
#18 Endrin aldehyde

R.T.: 6.029 min
Delta R.T.: -0.006 min
Response: 3079782
Conc: 2.65 ng/ml m



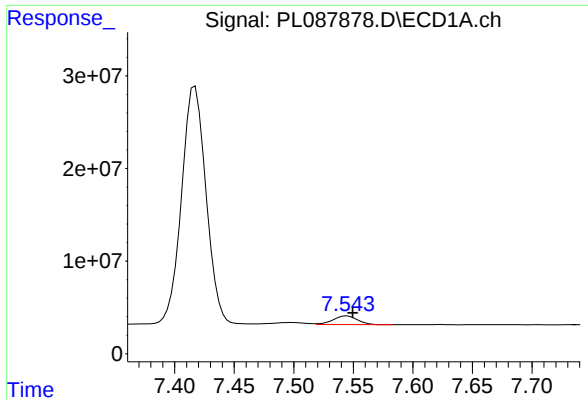
#20 Methoxychlor

R.T.: 7.417 min
Delta R.T.: -0.003 min
Response: 366357981
Conc: 225.65 ng/ml



#20 Methoxychlor

R.T.: 6.548 min
Delta R.T.: -0.005 min
Response: 168610310
Conc: 229.06 ng/ml



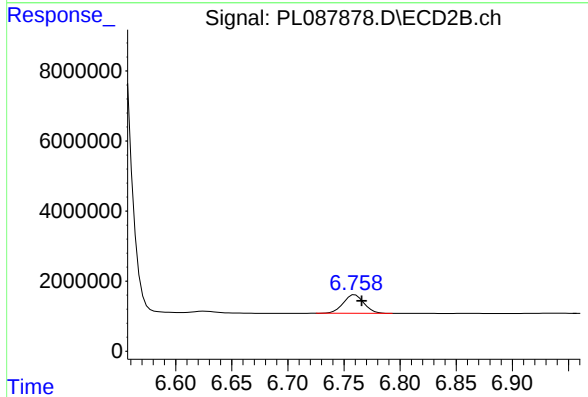
#21 Endrin ketone

R.T.: 7.545 min
Delta R.T.: -0.005 min
Response: 13257440
Conc: 4.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

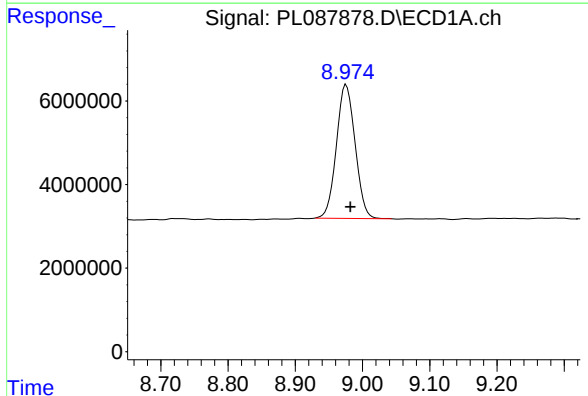
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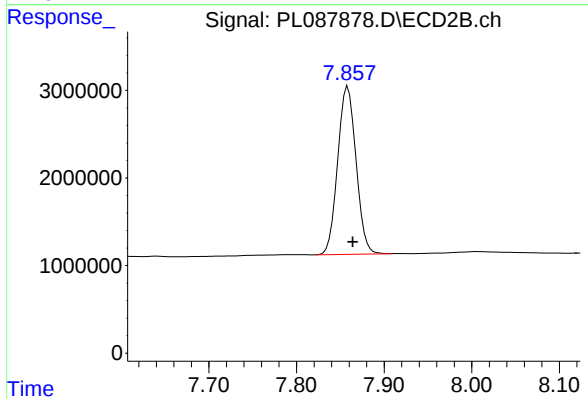
#21 Endrin ketone

R.T.: 6.760 min
Delta R.T.: -0.006 min
Response: 6810003
Conc: 4.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.976 min
Delta R.T.: -0.006 min
Response: 61533751
Conc: 21.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.859 min
Delta R.T.: -0.006 min
Response: 27897707
Conc: 22.02 ng/ml