

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101923\
 Data File : PL086025.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Oct 2023 10:30
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/20/2023
 Supervised By :Ankita Jodhani 10/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 16:47:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.356	2.622	57052510	16984216	19.183	18.182
28)	SA Decachlor...	8.857	7.773	51054785	22263684	23.441	24.121
Target Compounds							
2)	A alpha-BHC	3.810	3.120	39074061	10511868	9.104	8.355
3)	MA gamma-BHC...	4.141	3.447	37941973	10405906	9.180	8.437
6)	B beta-BHC	4.345	3.749	19420252	5825706	11.744	11.191
12)	B 4,4'-DDE	6.015	5.080	533441	141927	0.191m	0.173m
14)	MA Endrin	6.387	5.473	132.2E6	46163084	46.385	51.349
16)	A 4,4'-DDD	6.536	5.635	5183485	1589353	2.573m	2.283m
17)	MA 4,4'-DDT	6.852	5.887	254.9E6	96494523	108.161	122.029
18)	B Endrin al...	6.741	5.952	3777855	2623677	1.864	3.518 #
20)	A Methoxychlor	7.338	6.471	340.1E6	134.0E6	243.497	254.621
21)	B Endrin ke...	7.459	6.677	8792917	3864705	3.053	3.362

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

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Acq On : 19 Oct 2023 10:30
Operator : AR\AJ
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ALS Vial : 3 Sample Multiplier: 1

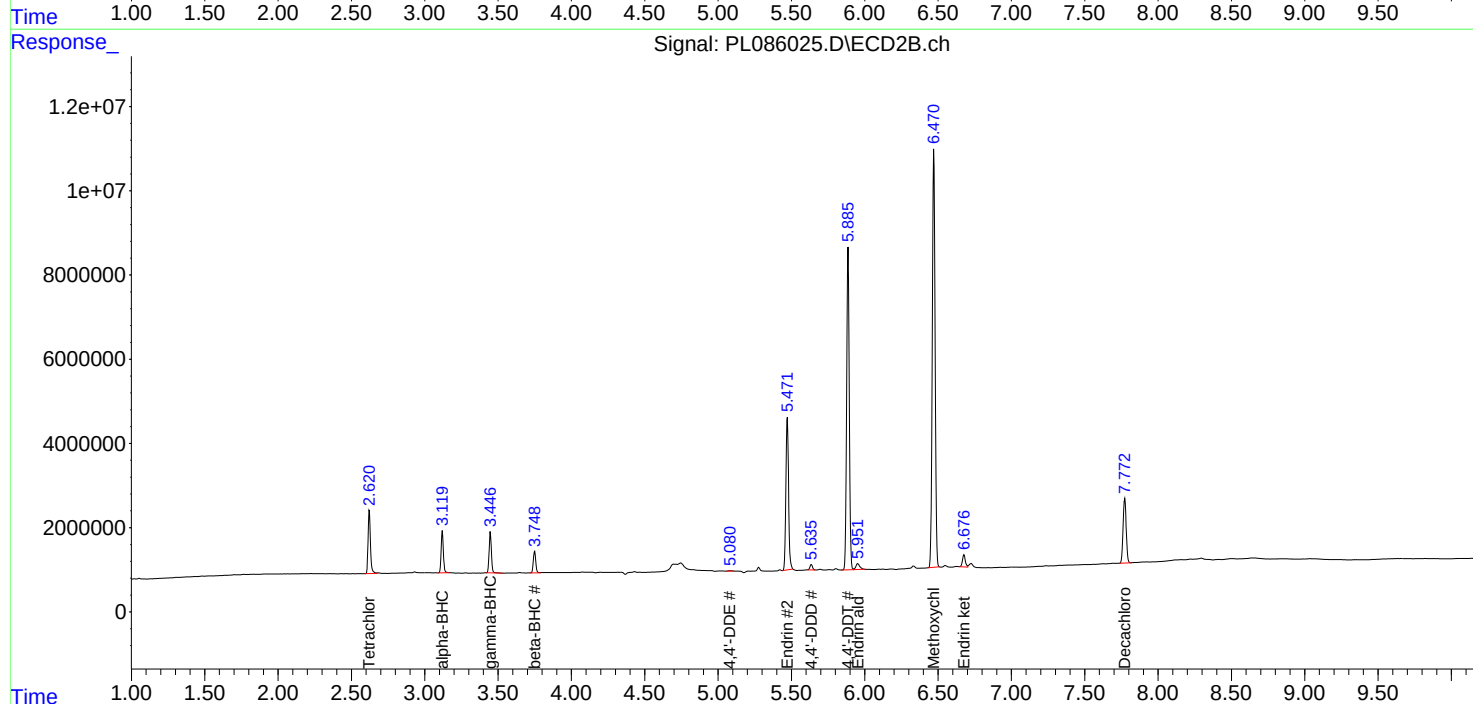
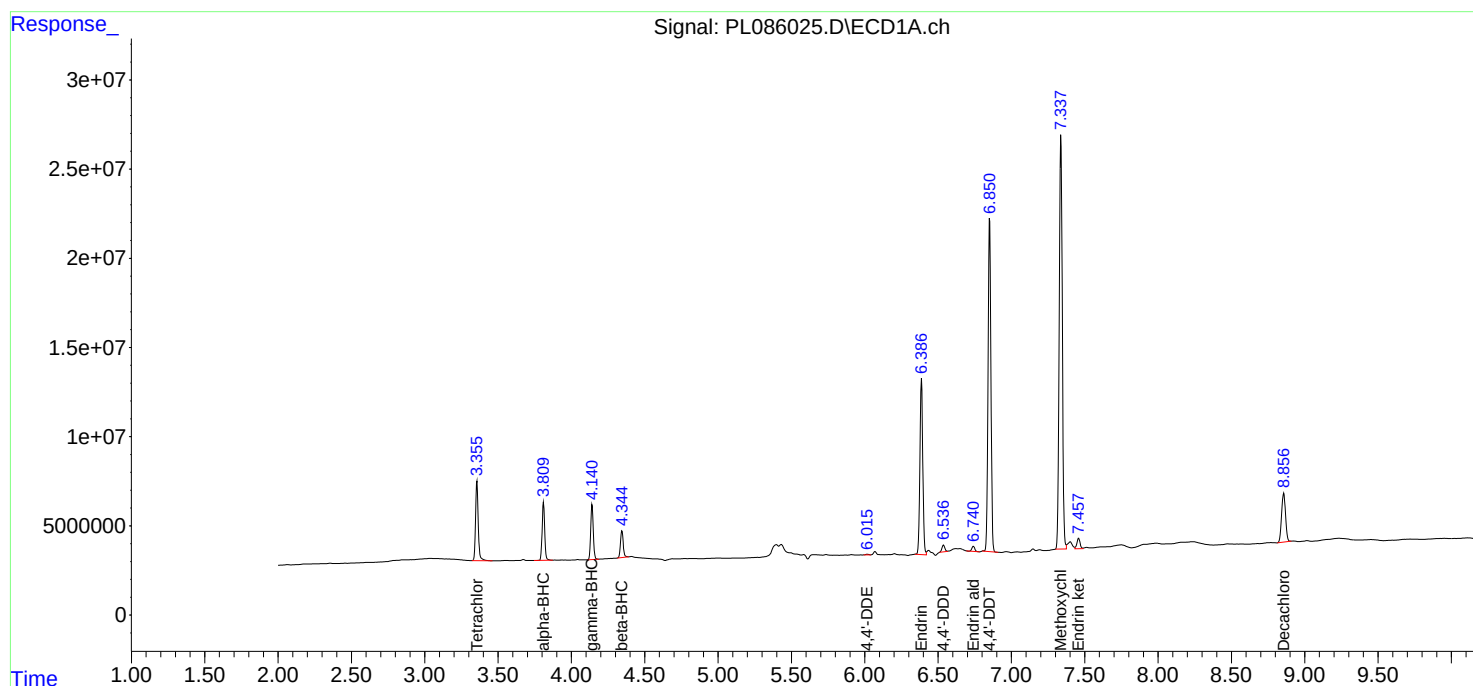
Instrument :
ECD_L
ClientSampleId :
PEM

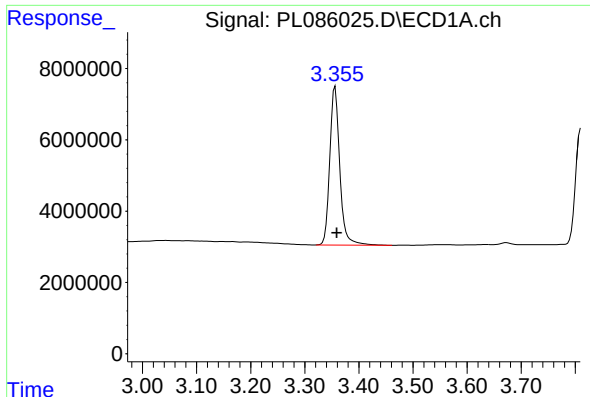
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Integration File signal 1: autoint1.e
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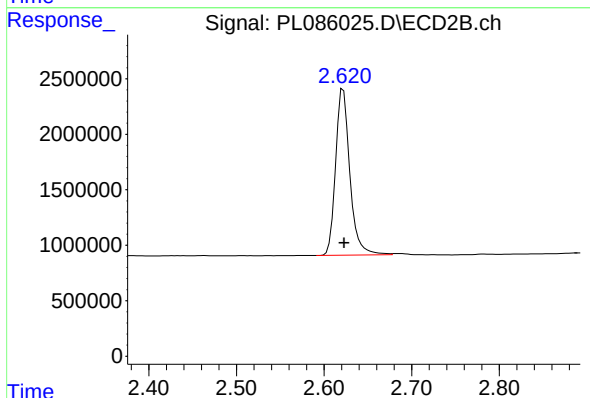
#1 Tetrachloro-m-xylene

R.T.: 3.356 min
Delta R.T.: -0.003 min
Response: 57052510
Conc: 19.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

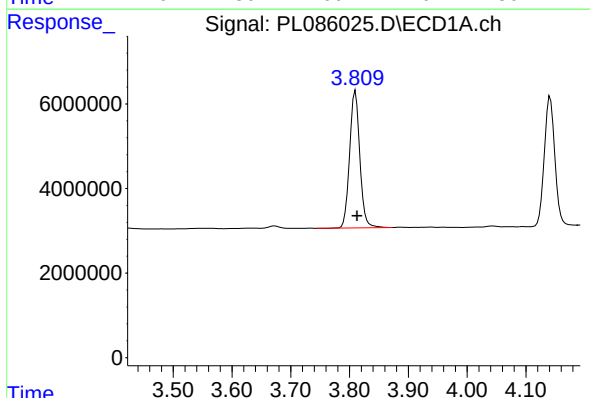
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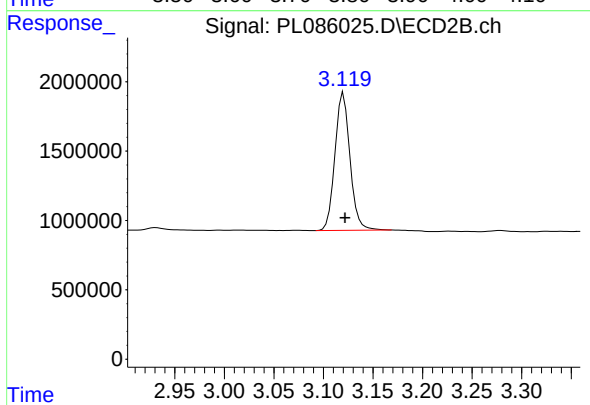
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: 0.000 min
Response: 16984216
Conc: 18.18 ng/ml



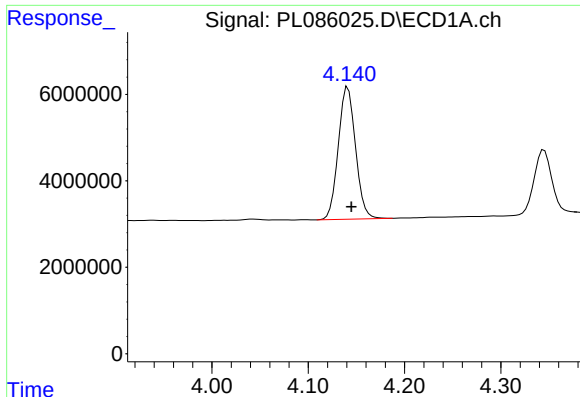
#2 alpha-BHC

R.T.: 3.810 min
Delta R.T.: -0.003 min
Response: 39074061
Conc: 9.10 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.001 min
Response: 10511868
Conc: 8.36 ng/ml



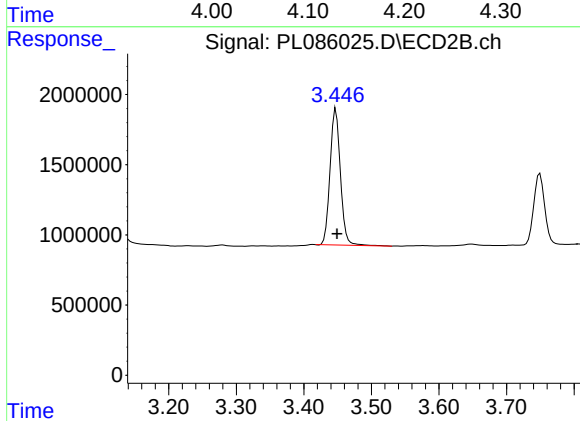
#3 gamma-BHC (Lindane)

R.T.: 4.141 min
Delta R.T.: -0.004 min
Response: 37941973
Conc: 9.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

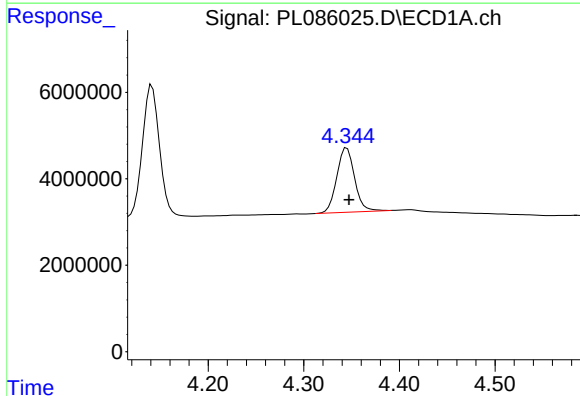
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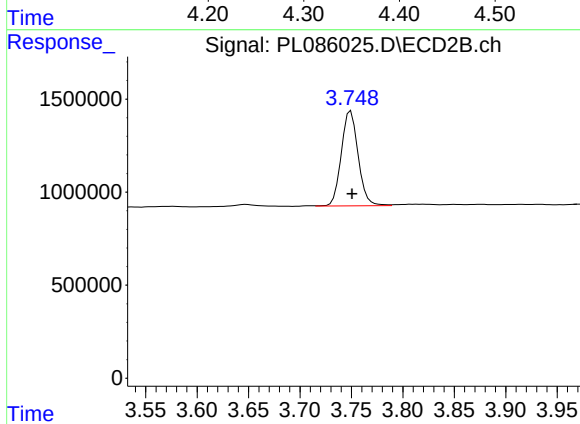
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 10405906
Conc: 8.44 ng/ml



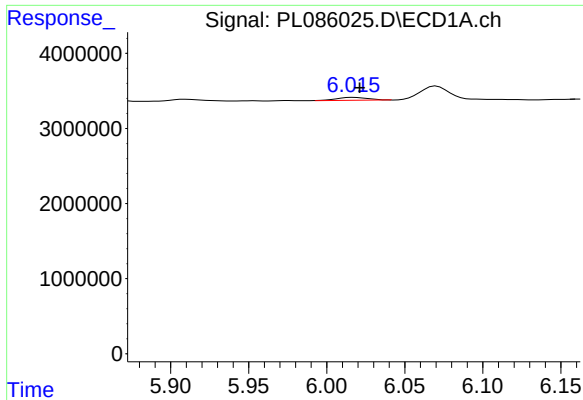
#6 beta-BHC

R.T.: 4.345 min
Delta R.T.: -0.002 min
Response: 19420252
Conc: 11.74 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: -0.001 min
Response: 5825706
Conc: 11.19 ng/ml



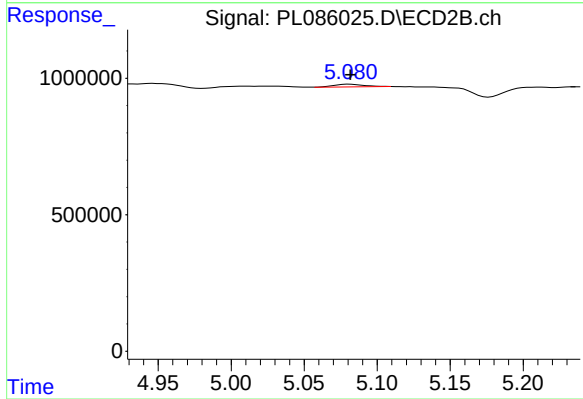
#12 4,4'-DDE

R.T.: 6.015 min
Delta R.T.: -0.006 min
Response: 533441
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

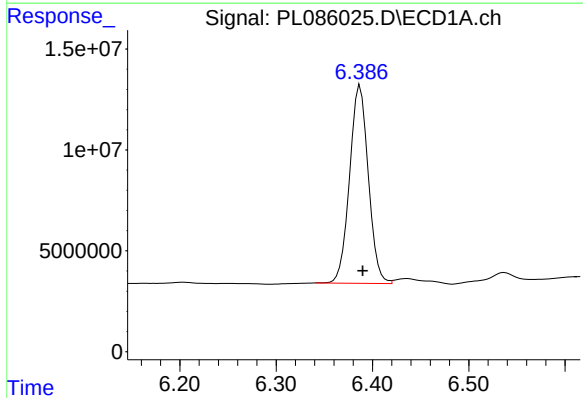
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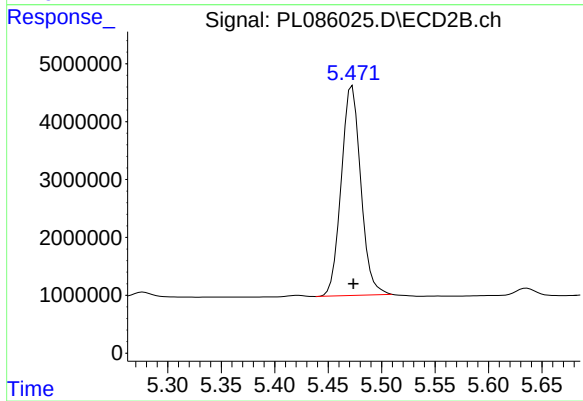
#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.002 min
Response: 141927
Conc: 0.17 ng/ml m



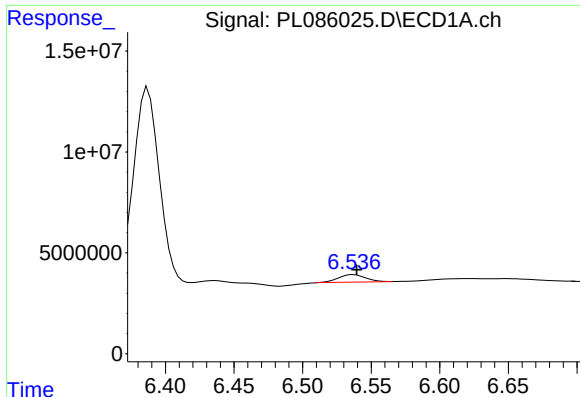
#14 Endrin

R.T.: 6.387 min
Delta R.T.: -0.003 min
Response: 132187300
Conc: 46.39 ng/ml



#14 Endrin

R.T.: 5.473 min
Delta R.T.: -0.001 min
Response: 46163084
Conc: 51.35 ng/ml



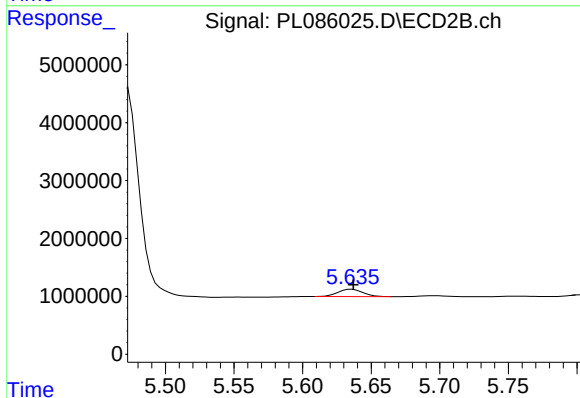
#16 4,4'-DDD

R.T.: 6.536 min
Delta R.T.: -0.004 min
Response: 5183485
Conc: 2.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

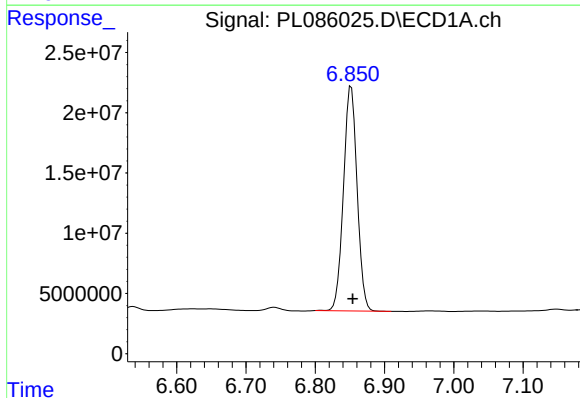
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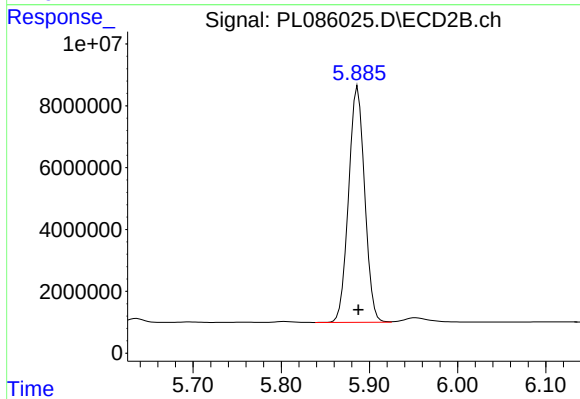
#16 4,4'-DDD

R.T.: 5.635 min
Delta R.T.: -0.003 min
Response: 1589353
Conc: 2.28 ng/ml m



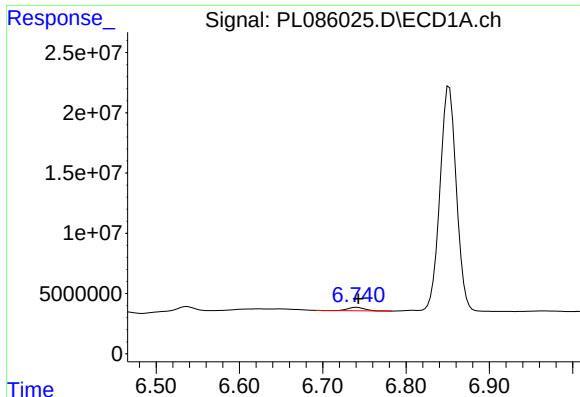
#17 4,4'-DDT

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 254946821
Conc: 108.16 ng/ml



#17 4,4'-DDT

R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 96494523
Conc: 122.03 ng/ml



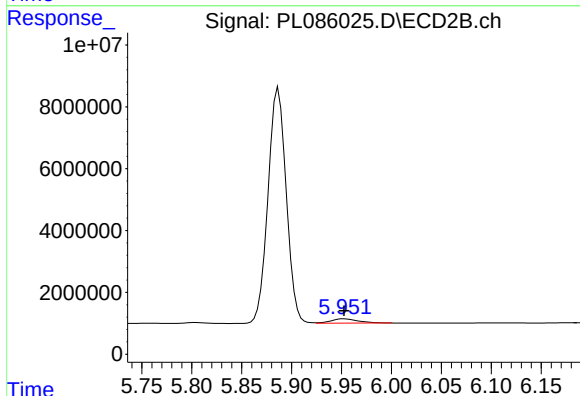
#18 Endrin aldehyde

R.T.: 6.741 min
Delta R.T.: -0.002 min
Response: 3777855
Conc: 1.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

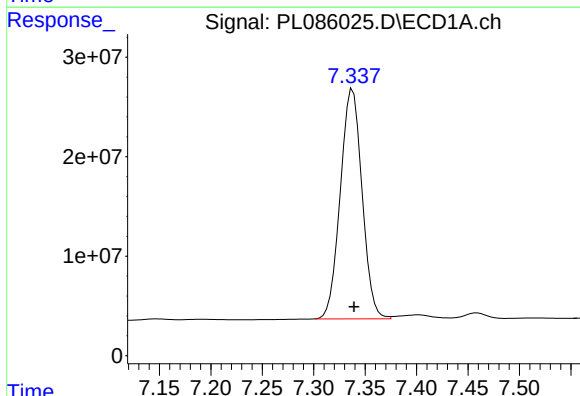
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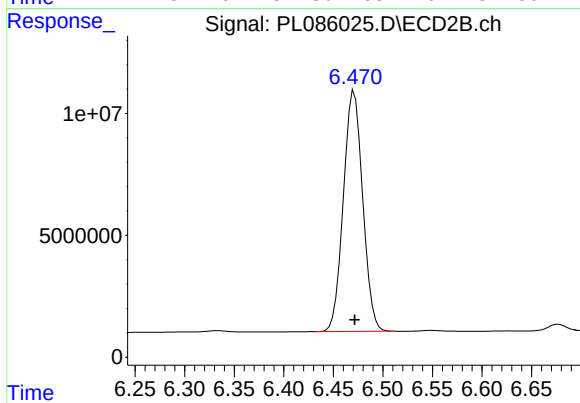
#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 2623677
Conc: 3.52 ng/ml



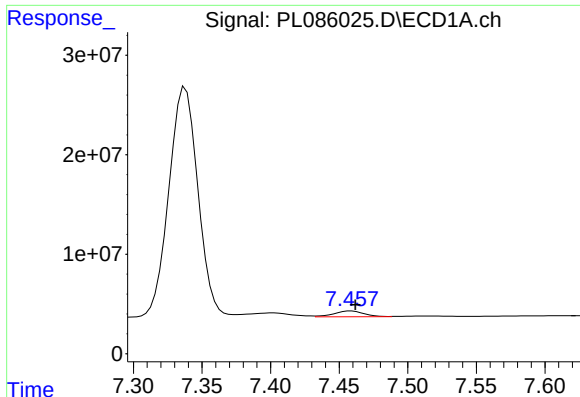
#20 Methoxychlor

R.T.: 7.338 min
Delta R.T.: -0.001 min
Response: 340072769
Conc: 243.50 ng/ml



#20 Methoxychlor

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 133950438
Conc: 254.62 ng/ml



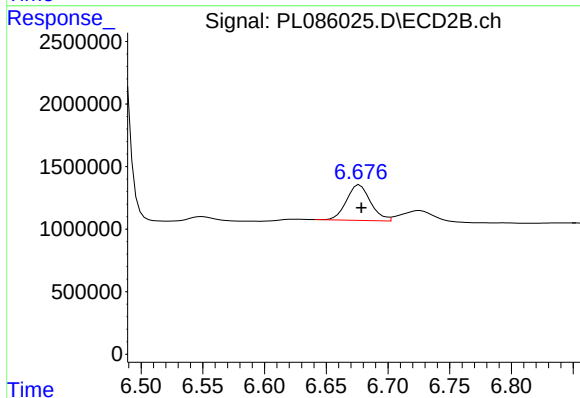
#21 Endrin ketone

R.T.: 7.459 min
Delta R.T.: -0.003 min
Response: 8792917
Conc: 3.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

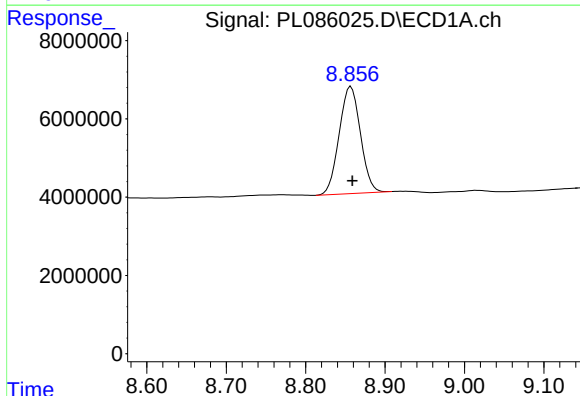
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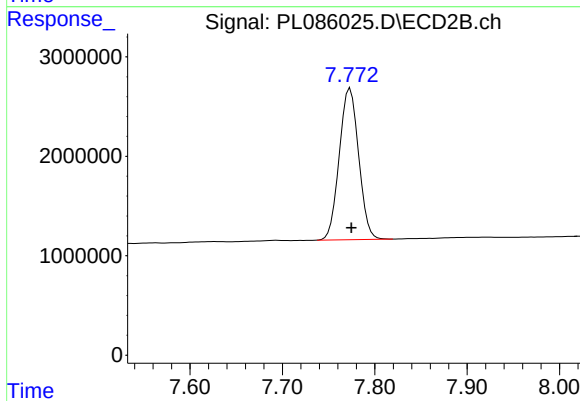
#21 Endrin ketone

R.T.: 6.677 min
Delta R.T.: -0.001 min
Response: 3864705
Conc: 3.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.857 min
Delta R.T.: -0.002 min
Response: 51054785
Conc: 23.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.773 min
Delta R.T.: -0.001 min
Response: 22263684
Conc: 24.12 ng/ml