

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011524\
 Data File : PL087777.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jan 2024 09:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/16/2024
 Supervised By :Ankita Jodhani 01/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 15 20:32:49 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...	3.419	2.674	63682943	26266456	21.272	21.684
28)	SA Decachlor...	8.980	7.862	62290984	28108147	21.872	22.188
Target Compounds							
2)	A alpha-BHC	3.876	3.177	43783511	17457465	9.758	9.472
3)	MA gamma-BHC...	4.209	3.508	42188116	16564116	9.672	9.115
6)	B beta-BHC	4.409	3.810	20805885	8469437	11.183	11.073
12)	B 4,4'-DDE	6.096	5.154	991275	392270	0.310	0.292
14)	MA Endrin	6.471	5.552	138.0E6	65539087	43.936	46.220
16)	A 4,4'-DDD	6.615	5.711	6358535	2572682	2.466m	2.282m
17)	MA 4,4'-DDT	6.935	5.965	294.9E6	137.0E6	103.129	110.050
18)	B Endrin al...	6.825	6.031	6547775	3315171	2.603	2.852m
20)	A Methoxychlor	7.419	6.551	373.7E6	169.8E6	230.165	230.658
21)	B Endrin ke...	7.547	6.763	12816261	6239022	3.940	4.070

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

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Acq On : 15 Jan 2024 09:41
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

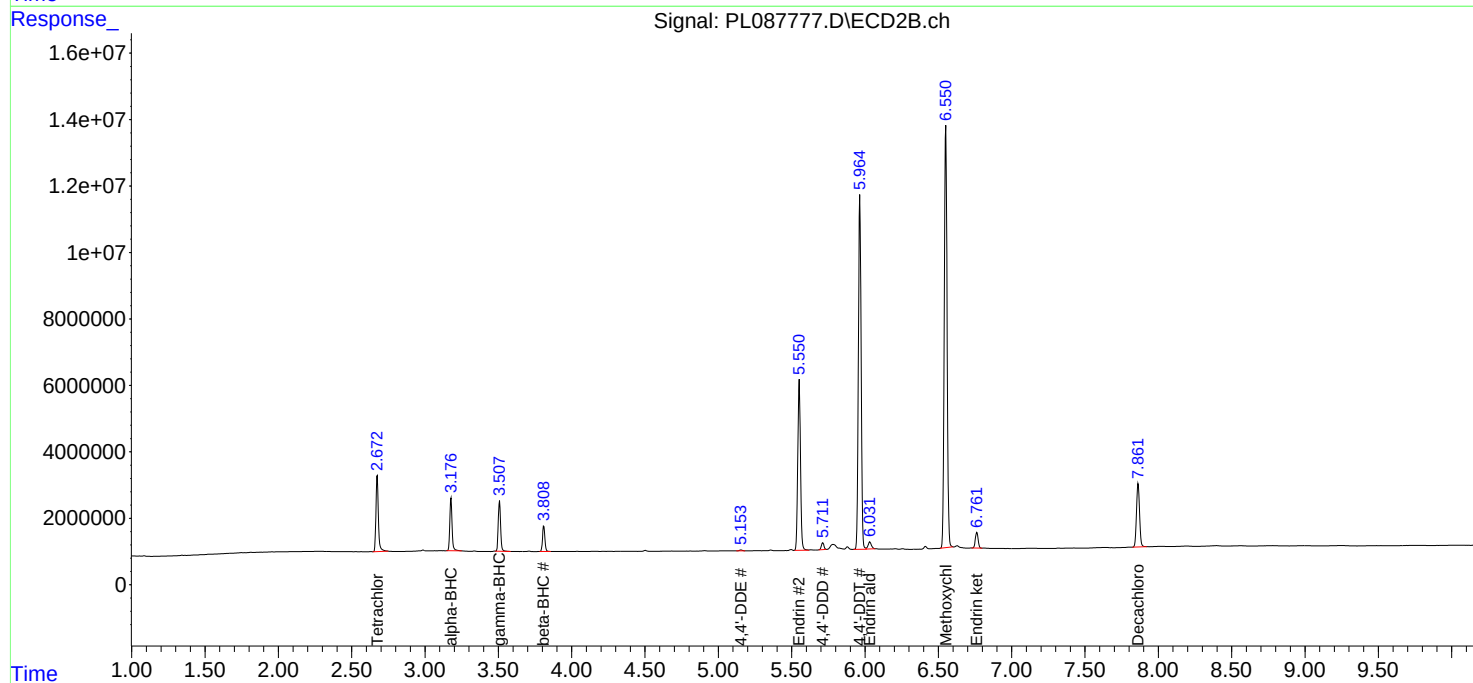
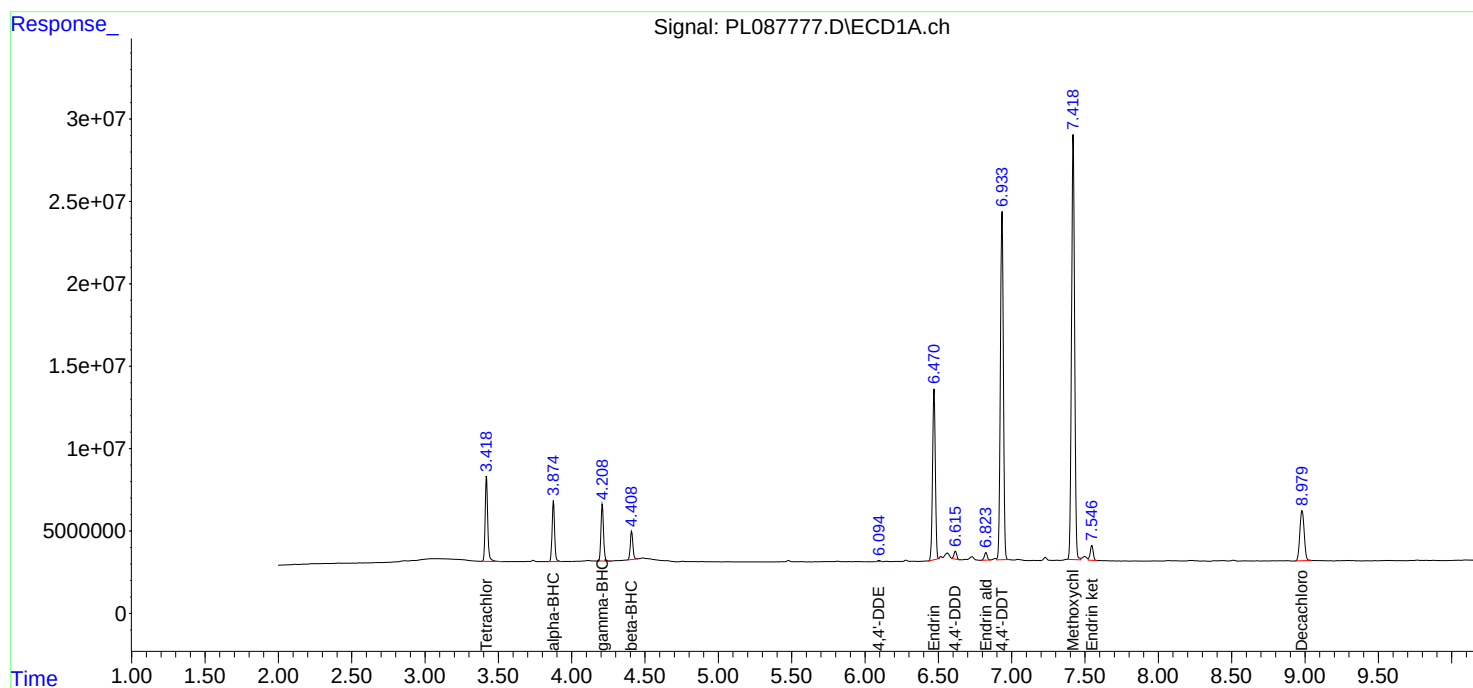
Instrument :
ECD_L
ClientSampleId :
PEM

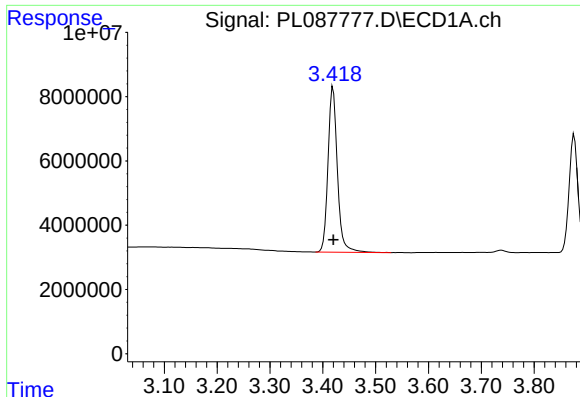
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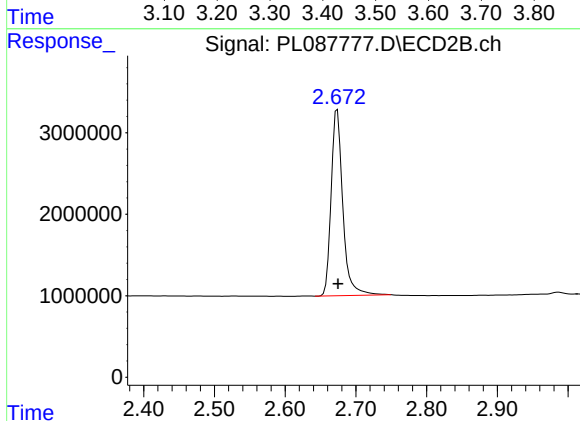
#1 Tetrachloro-m-xylene

R.T.: 3.419 min
Delta R.T.: 0.000 min
Response: 63682943
Conc: 21.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

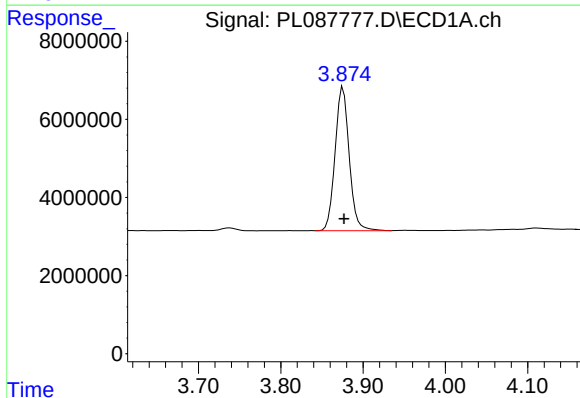
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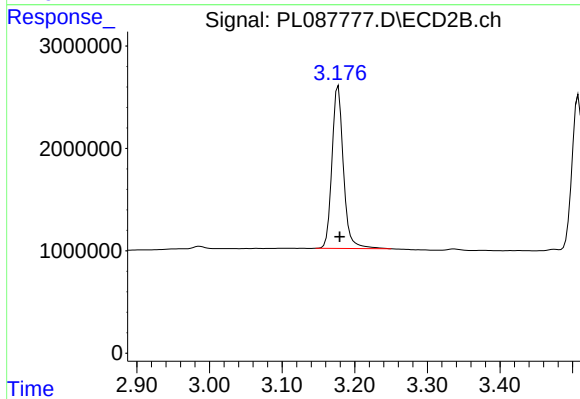
#1 Tetrachloro-m-xylene

R.T.: 2.674 min
Delta R.T.: -0.001 min
Response: 26266456
Conc: 21.68 ng/ml



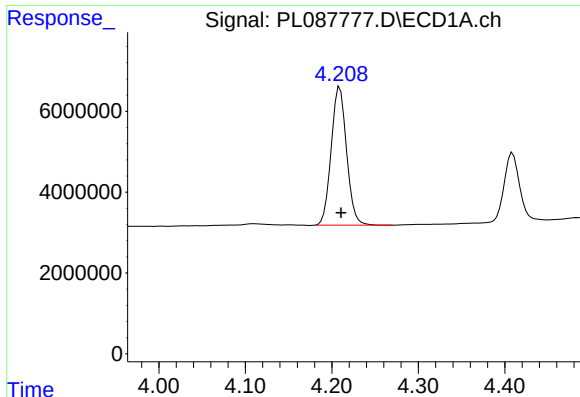
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: -0.001 min
Response: 43783511
Conc: 9.76 ng/ml



#2 alpha-BHC

R.T.: 3.177 min
Delta R.T.: -0.002 min
Response: 17457465
Conc: 9.47 ng/ml



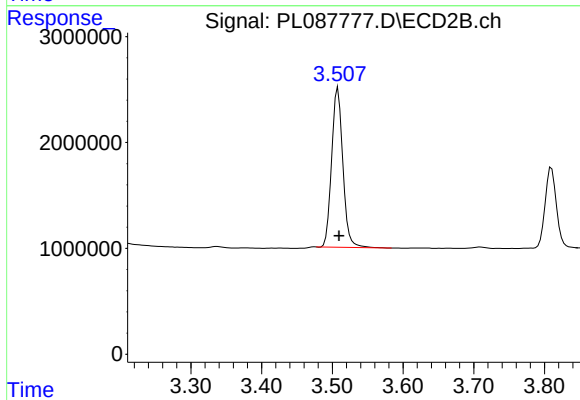
#3 gamma-BHC (Lindane)

R.T.: 4.209 min
Delta R.T.: -0.001 min
Response: 42188116
Conc: 9.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

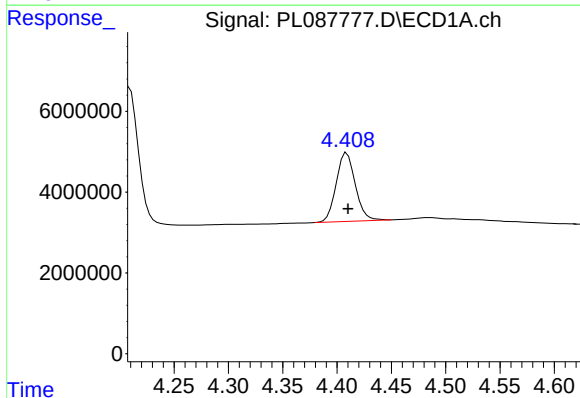
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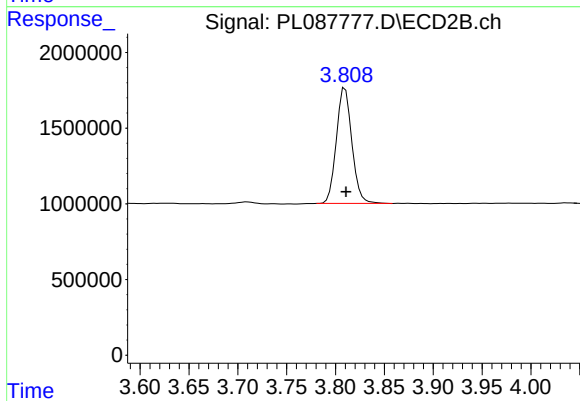
#3 gamma-BHC (Lindane)

R.T.: 3.508 min
Delta R.T.: -0.002 min
Response: 16564116
Conc: 9.11 ng/ml



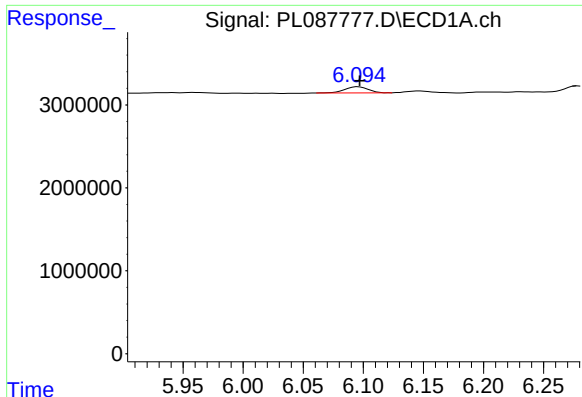
#6 beta-BHC

R.T.: 4.409 min
Delta R.T.: -0.001 min
Response: 20805885
Conc: 11.18 ng/ml



#6 beta-BHC

R.T.: 3.810 min
Delta R.T.: -0.001 min
Response: 8469437
Conc: 11.07 ng/ml



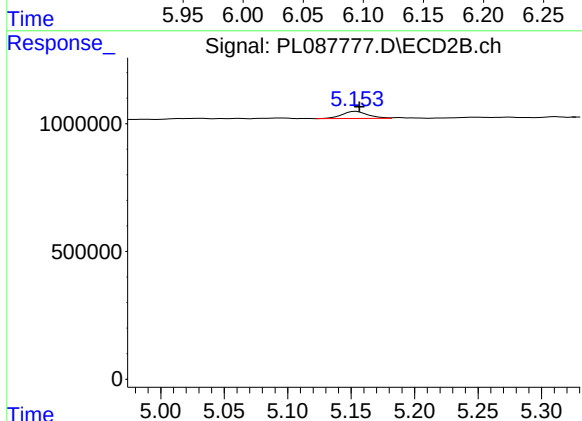
#12 4,4'-DDE

R.T.: 6.096 min
Delta R.T.: -0.001 min
Response: 991275
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

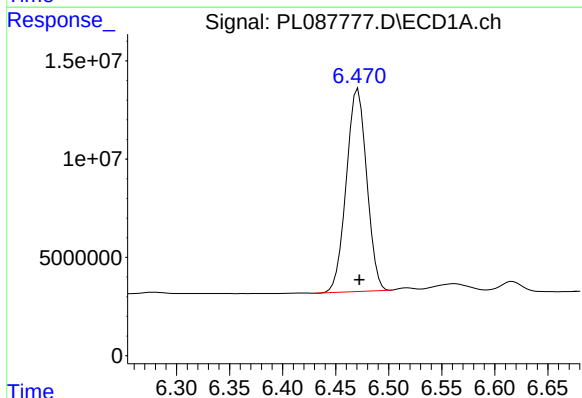
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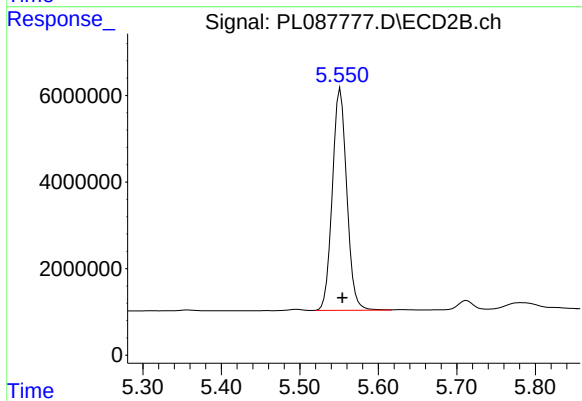
#12 4,4'-DDE

R.T.: 5.154 min
Delta R.T.: -0.003 min
Response: 392270
Conc: 0.29 ng/ml



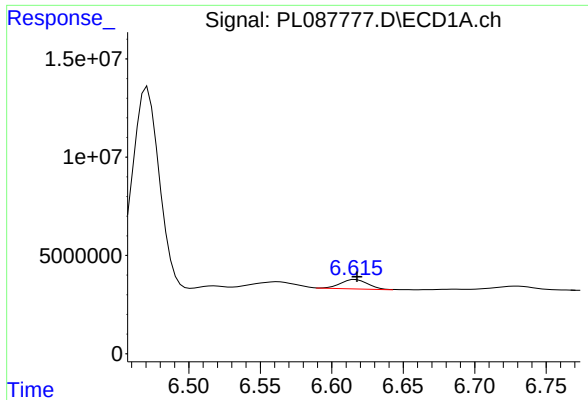
#14 Endrin

R.T.: 6.471 min
Delta R.T.: -0.001 min
Response: 137997483
Conc: 43.94 ng/ml



#14 Endrin

R.T.: 5.552 min
Delta R.T.: -0.003 min
Response: 65539087
Conc: 46.22 ng/ml



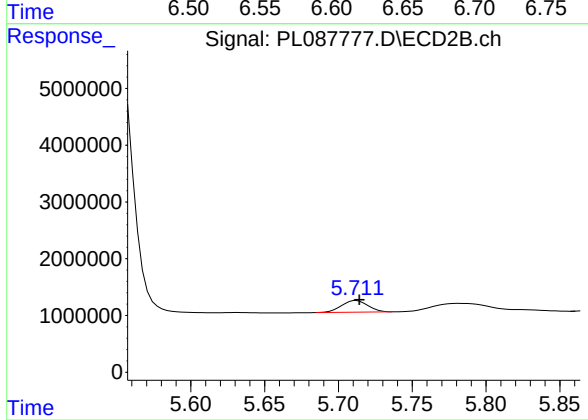
#16 4,4'-DDD

R.T.: 6.615 min
Delta R.T.: -0.002 min
Response: 6358535
Conc: 2.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

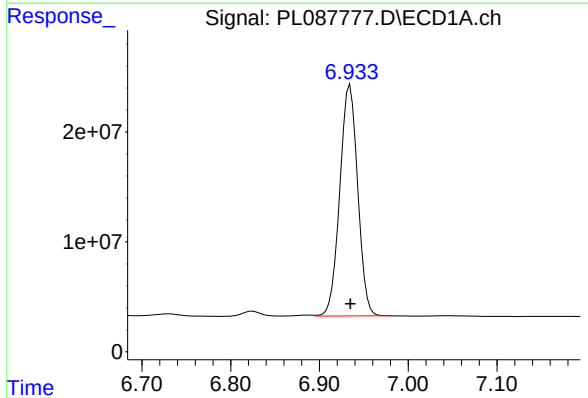
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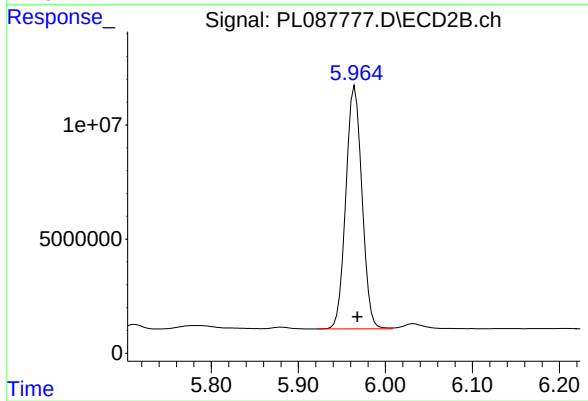
#16 4,4'-DDD

R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 2572682
Conc: 2.28 ng/ml m



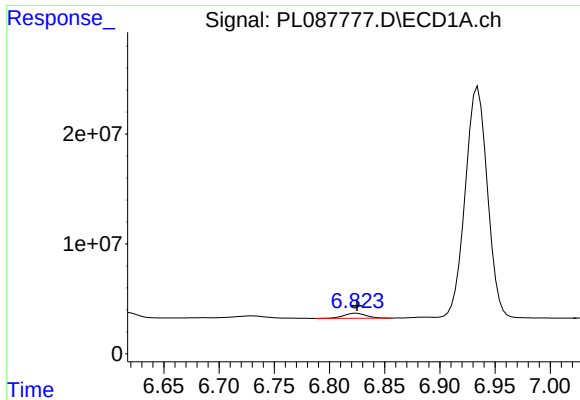
#17 4,4'-DDT

R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 294901825
Conc: 103.13 ng/ml



#17 4,4'-DDT

R.T.: 5.965 min
Delta R.T.: -0.003 min
Response: 136966171
Conc: 110.05 ng/ml



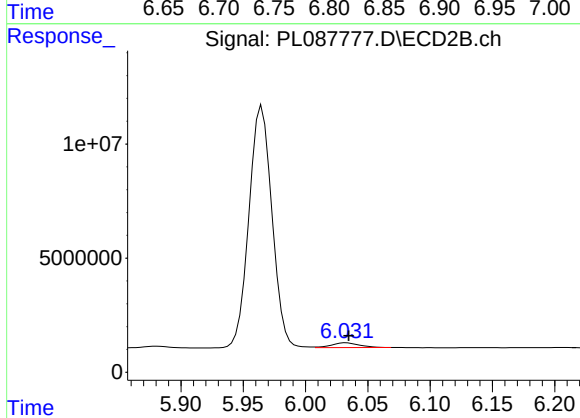
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: 0.000 min
Response: 6547775
Conc: 2.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

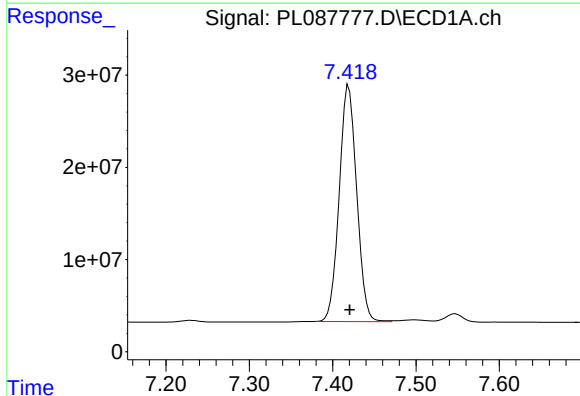
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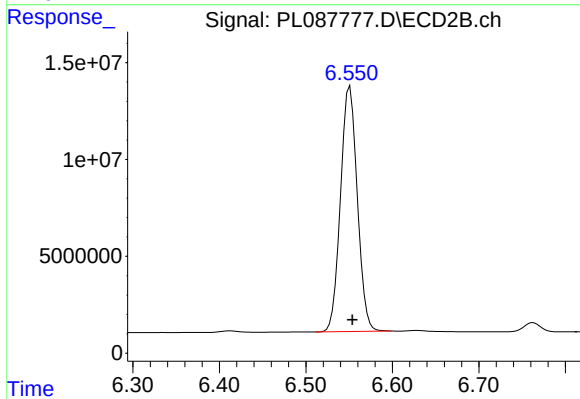
#18 Endrin aldehyde

R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 3315171
Conc: 2.85 ng/ml m



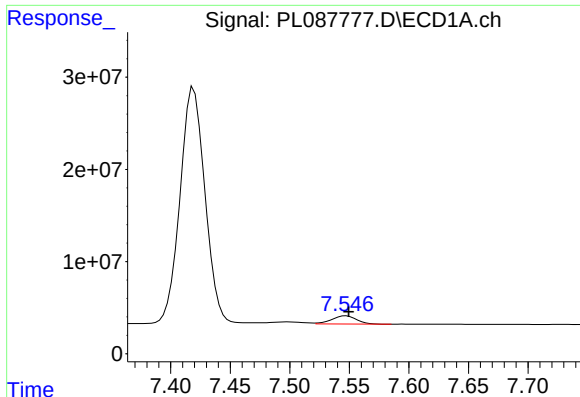
#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: -0.001 min
Response: 373691981
Conc: 230.17 ng/ml



#20 Methoxychlor

R.T.: 6.551 min
Delta R.T.: -0.003 min
Response: 169782705
Conc: 230.66 ng/ml



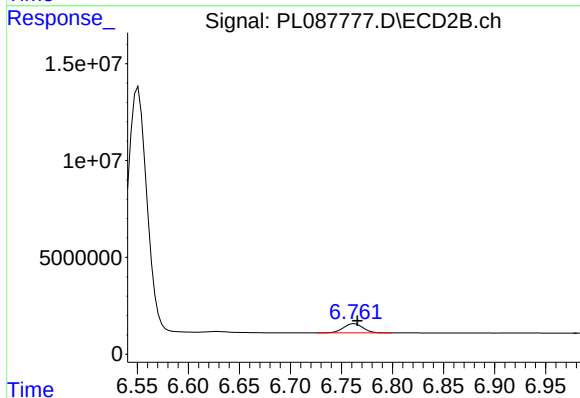
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: -0.002 min
Response: 12816261
Conc: 3.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

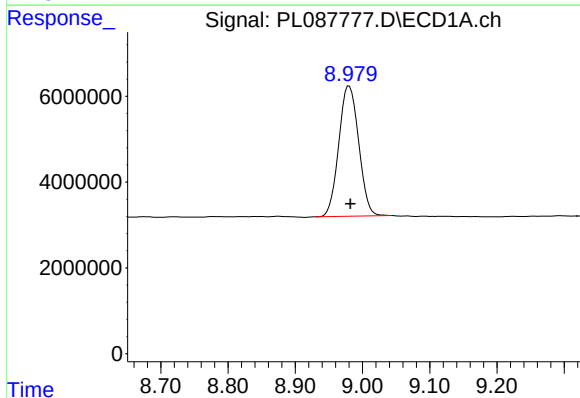
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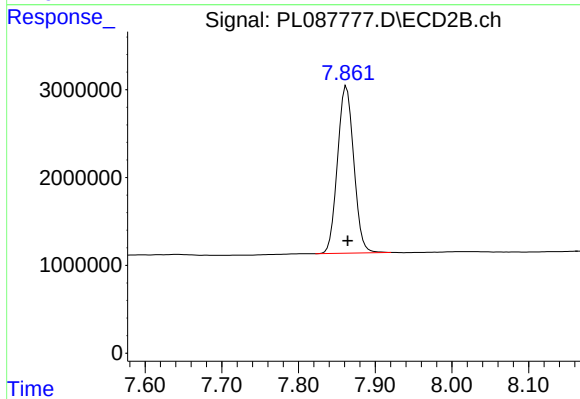
#21 Endrin ketone

R.T.: 6.763 min
Delta R.T.: -0.003 min
Response: 6239022
Conc: 4.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.002 min
Response: 62290984
Conc: 21.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.862 min
Delta R.T.: -0.002 min
Response: 28108147
Conc: 22.19 ng/ml