

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100623\
 Data File : PL085747.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2023 09:17
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/09/2023
 Supervised By : Ankita Jodhani 10/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 06 15:13:19 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...	3.358	2.623	61351110	18262658	20.628	19.551
28)	SA Decachlor...	8.861	7.774	49858380	19968490	22.891	21.635
Target Compounds							
2)	A alpha-BHC	3.811	3.121	41232518	11603651	9.607m	9.223
3)	MA gamma-BHC...	4.144	3.447	40120043	11128729	9.706	9.023m
6)	B beta-BHC	4.346	3.750	19261956	6004624	11.648	11.534
14)	MA Endrin	6.389	5.472	134.2E6	47879995	47.103m	53.259m
16)	A 4,4'-DDD	6.539	5.637	2504763	703618	1.243m	1.011
17)	MA 4,4'-DDT	6.854	5.888	259.8E6	94405697	110.215	119.387
18)	B Endrin al...	6.745	5.952	3330634	1586136	1.643	2.127m#
20)	A Methoxychlor	7.340	6.472	341.2E6	132.7E6	244.300	252.210
21)	B Endrin ke...	7.460	6.676	5518554	2800166	1.916m	2.436m#

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

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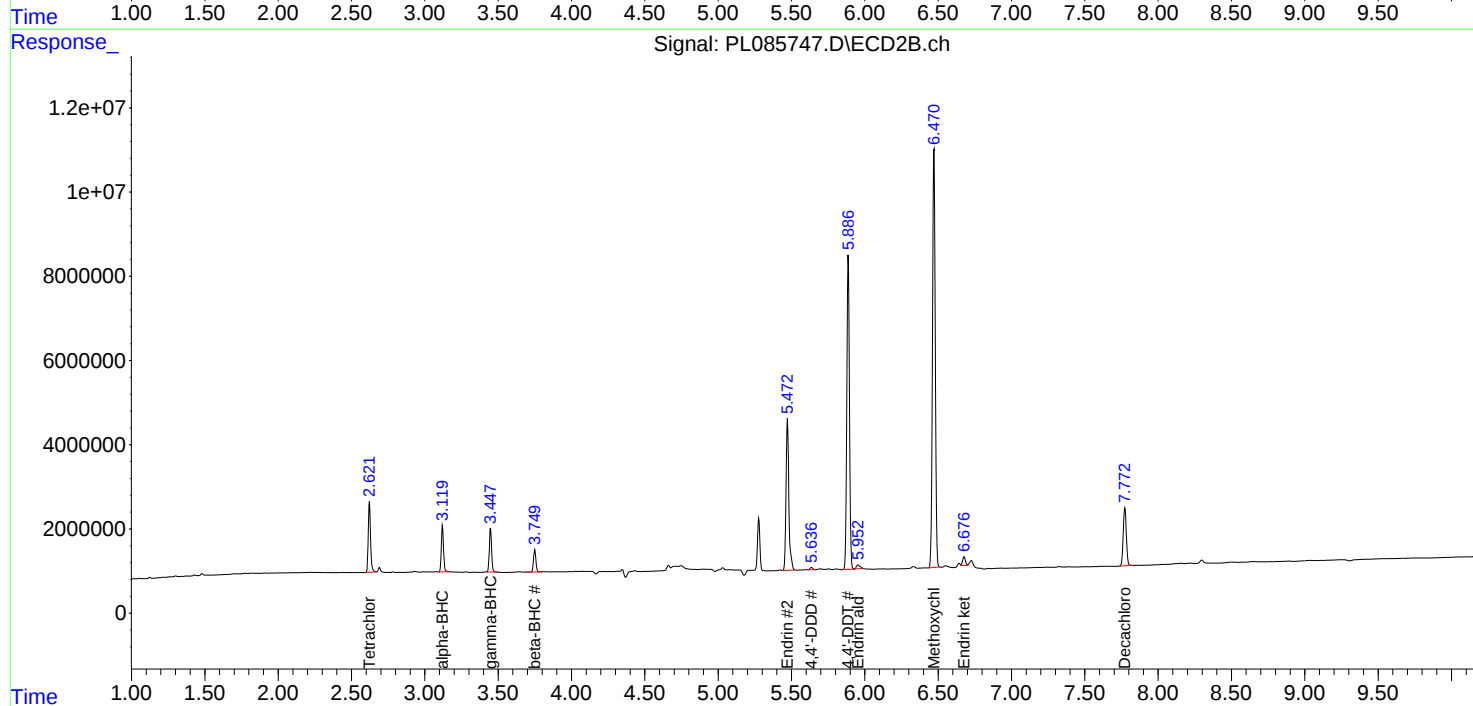
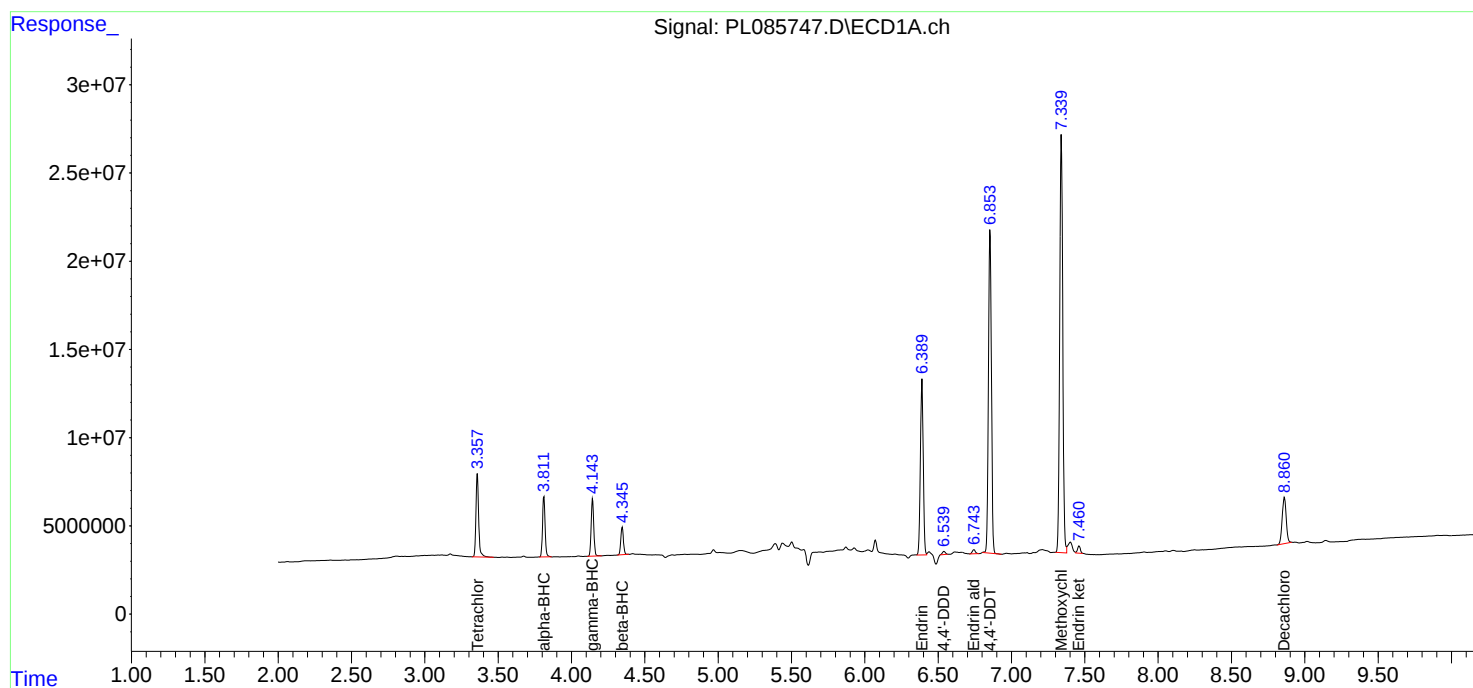
Instrument :
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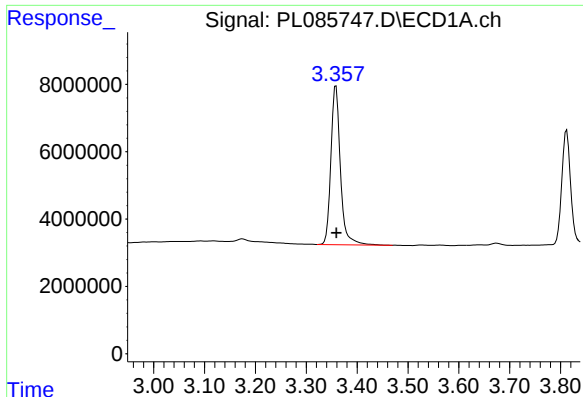
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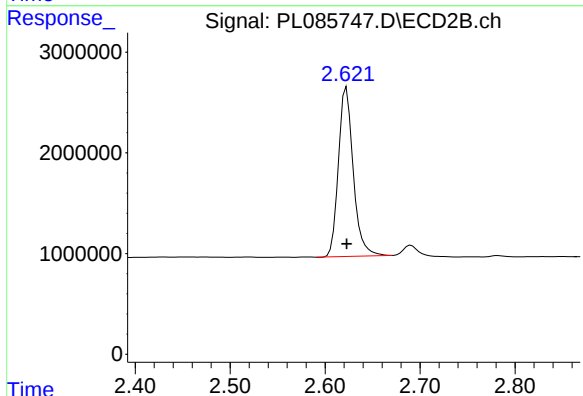
#1 Tetrachloro-m-xylene

R.T.: 3.358 min
Delta R.T.: 0.000 min
Response: 61351110
Conc: 20.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

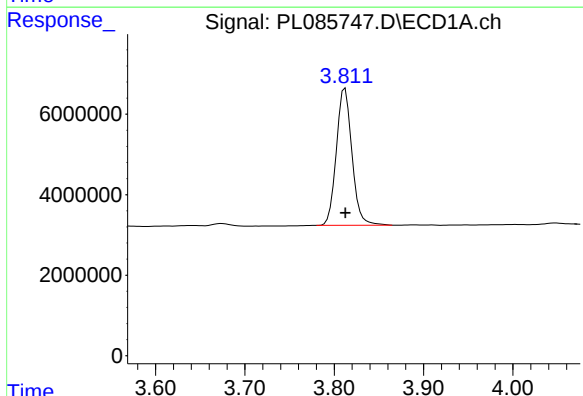
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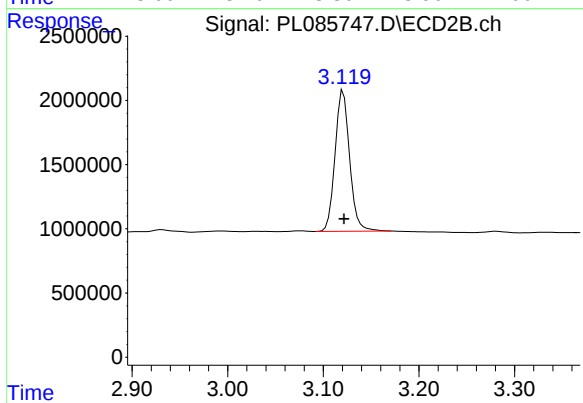
#1 Tetrachloro-m-xylene

R.T.: 2.623 min
Delta R.T.: 0.000 min
Response: 18262658
Conc: 19.55 ng/ml



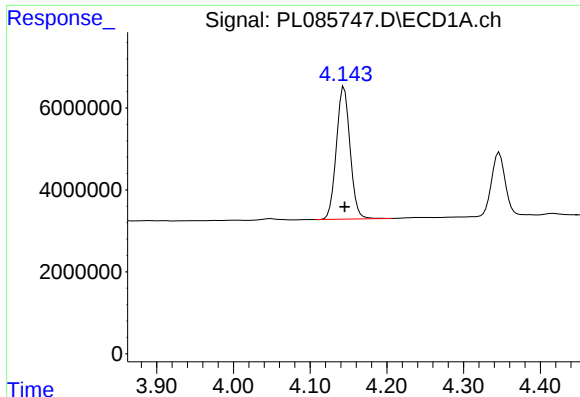
#2 alpha-BHC

R.T.: 3.811 min
Delta R.T.: -0.002 min
Response: 41232518
Conc: 9.61 ng/ml m



#2 alpha-BHC

R.T.: 3.121 min
Delta R.T.: 0.000 min
Response: 11603651
Conc: 9.22 ng/ml



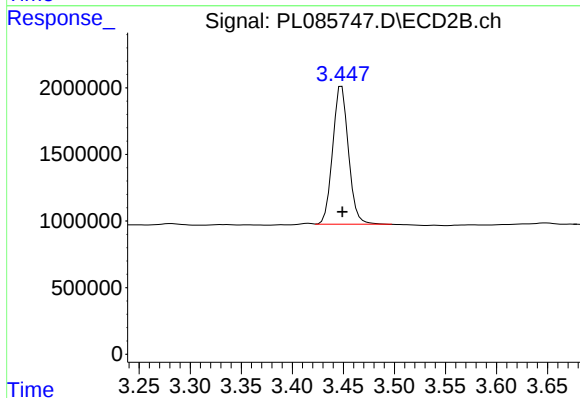
#3 gamma-BHC (Lindane)

R.T.: 4.144 min
Delta R.T.: 0.000 min
Response: 40120043
Conc: 9.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

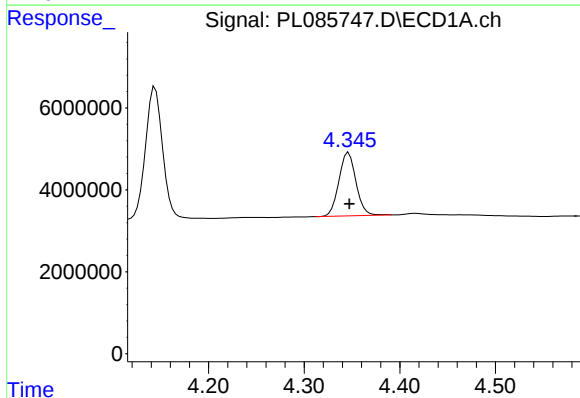
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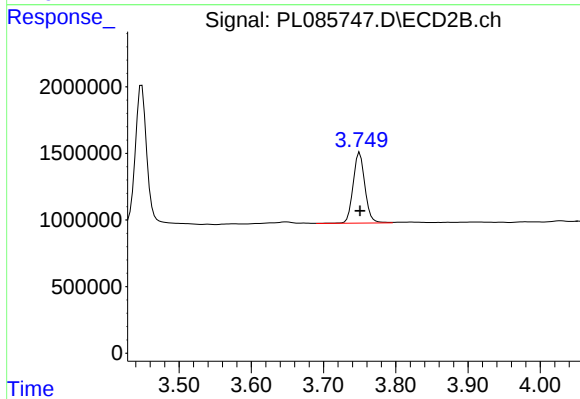
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 11128729
Conc: 9.02 ng/ml m



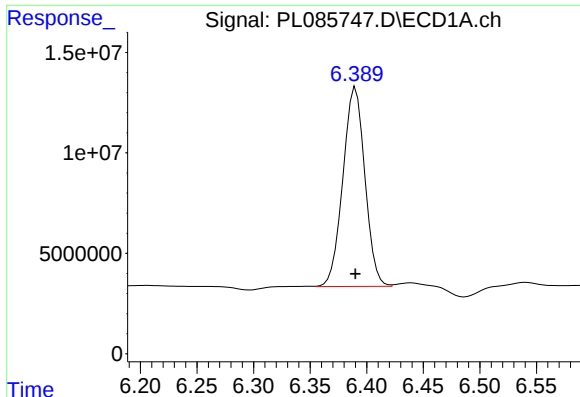
#6 beta-BHC

R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 19261956
Conc: 11.65 ng/ml



#6 beta-BHC

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 6004624
Conc: 11.53 ng/ml



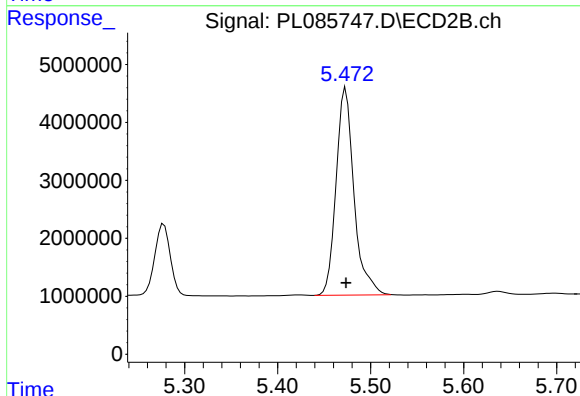
#14 Endrin

R.T.: 6.389 min
Delta R.T.: -0.001 min
Response: 134230738
Conc: 47.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

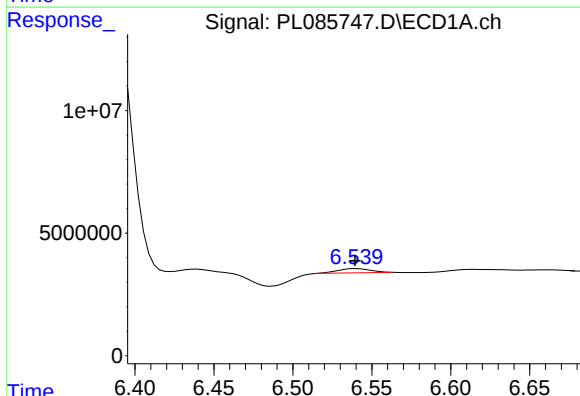
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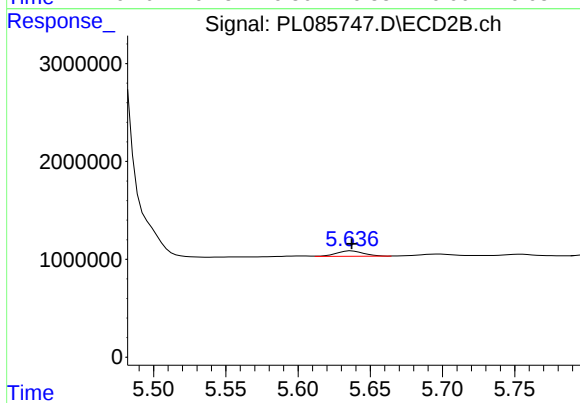
#14 Endrin

R.T.: 5.472 min
Delta R.T.: -0.002 min
Response: 47879995
Conc: 53.26 ng/ml m



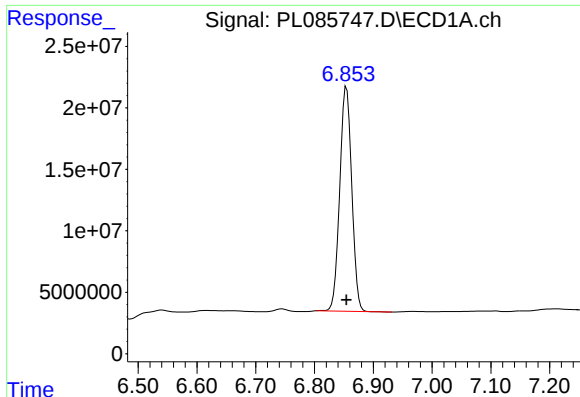
#16 4,4'-DDD

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 2504763
Conc: 1.24 ng/ml m



#16 4,4'-DDD

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 703618
Conc: 1.01 ng/ml



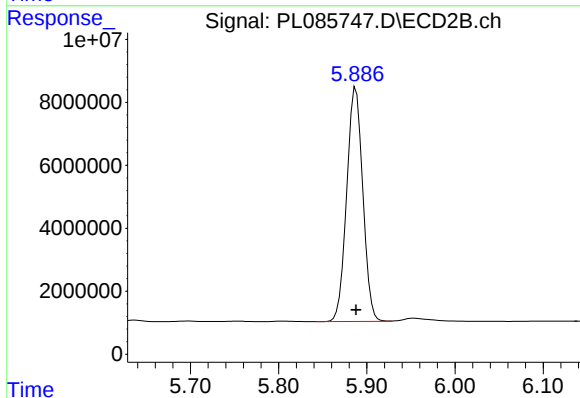
#17 4,4'-DDT

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 259787491
Conc: 110.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

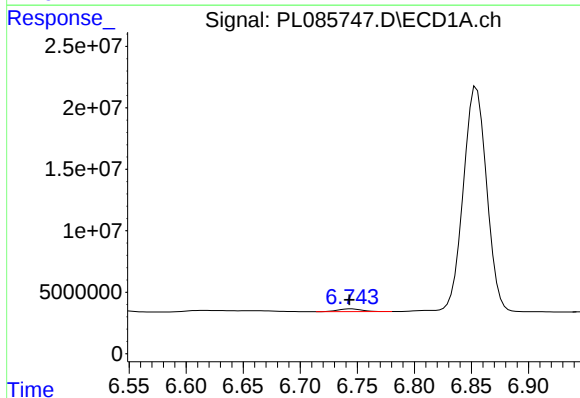
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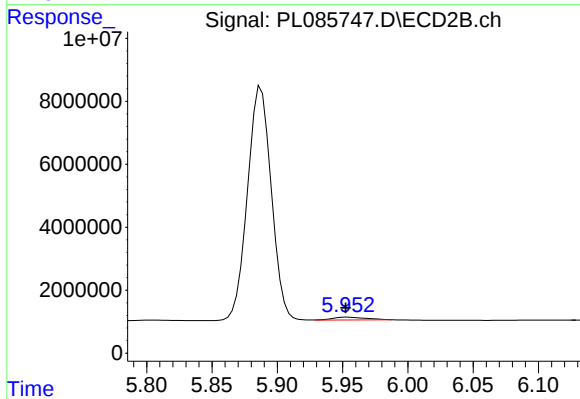
#17 4,4'-DDT

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 94405697
Conc: 119.39 ng/ml



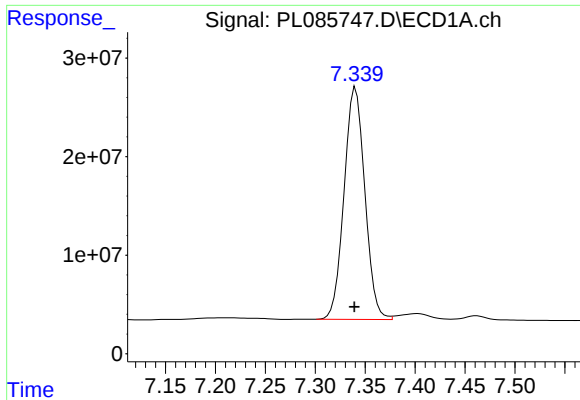
#18 Endrin aldehyde

R.T.: 6.745 min
Delta R.T.: 0.002 min
Response: 3330634
Conc: 1.64 ng/ml



#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 1586136
Conc: 2.13 ng/ml m



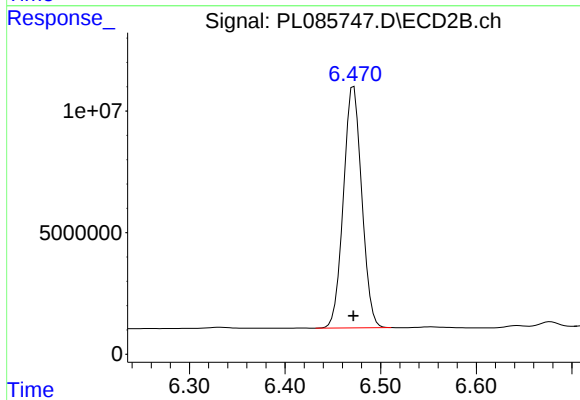
#20 Methoxychlor

R.T.: 7.340 min
Delta R.T.: 0.001 min
Response: 341194071
Conc: 244.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

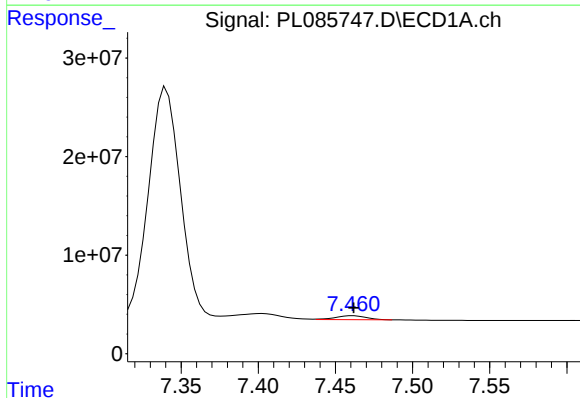
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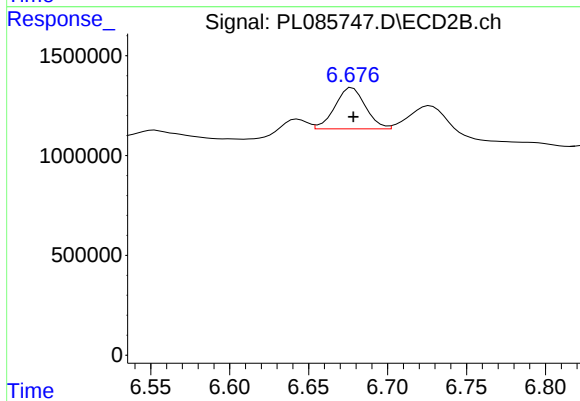
#20 Methoxychlor

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 132682051
Conc: 252.21 ng/ml



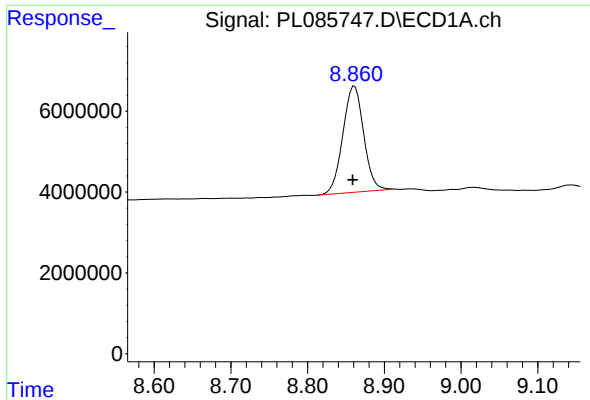
#21 Endrin ketone

R.T.: 7.460 min
Delta R.T.: -0.002 min
Response: 5518554
Conc: 1.92 ng/ml m



#21 Endrin ketone

R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 2800166
Conc: 2.44 ng/ml m



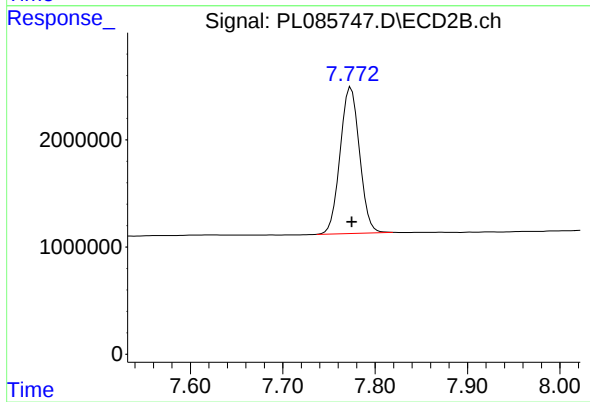
#28 Decachlorobiphenyl

R.T.: 8.861 min
Delta R.T.: 0.002 min
Response: 49858380
Conc: 22.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 19968490
Conc: 21.63 ng/ml