

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103124\
 Data File : PL092753.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2024 11:29
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/01/2024
 Supervised By : Ankita Jodhani 11/04/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:14:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 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...	3.542	2.779	52986235	57365915	21.625	21.081
28) SA Decachlor...	9.059	7.917	40894018	57406805	21.249	21.034
Target Compounds						
2) A alpha-BHC	3.996	3.281	38209991	40090506	11.266m	10.047
3) MA gamma-BHC...	4.331	3.610	36368917	37592423	11.158	9.740m
6) B beta-BHC	4.527	3.912	16860030	18643771	11.664m	11.325
14) MA Endrin	6.578	5.643	100.4E6	147.5E6	44.092	51.000
16) A 4,4'-DDD	6.711	5.790	5884970	6398875	3.066m	2.570
17) MA 4,4'-DDT	7.027	6.041	189.0E6	292.0E6	91.315	108.867
18) B Endrin al...	6.926	6.117	3044238	3947376	1.621	1.711
20) A Methoxychlor	7.503	6.617	243.7E6	345.3E6	213.814	241.828
21) B Endrin ke...	7.645	6.845	7147521	8612271	2.950	2.806

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

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ALS Vial : 3 Sample Multiplier: 1

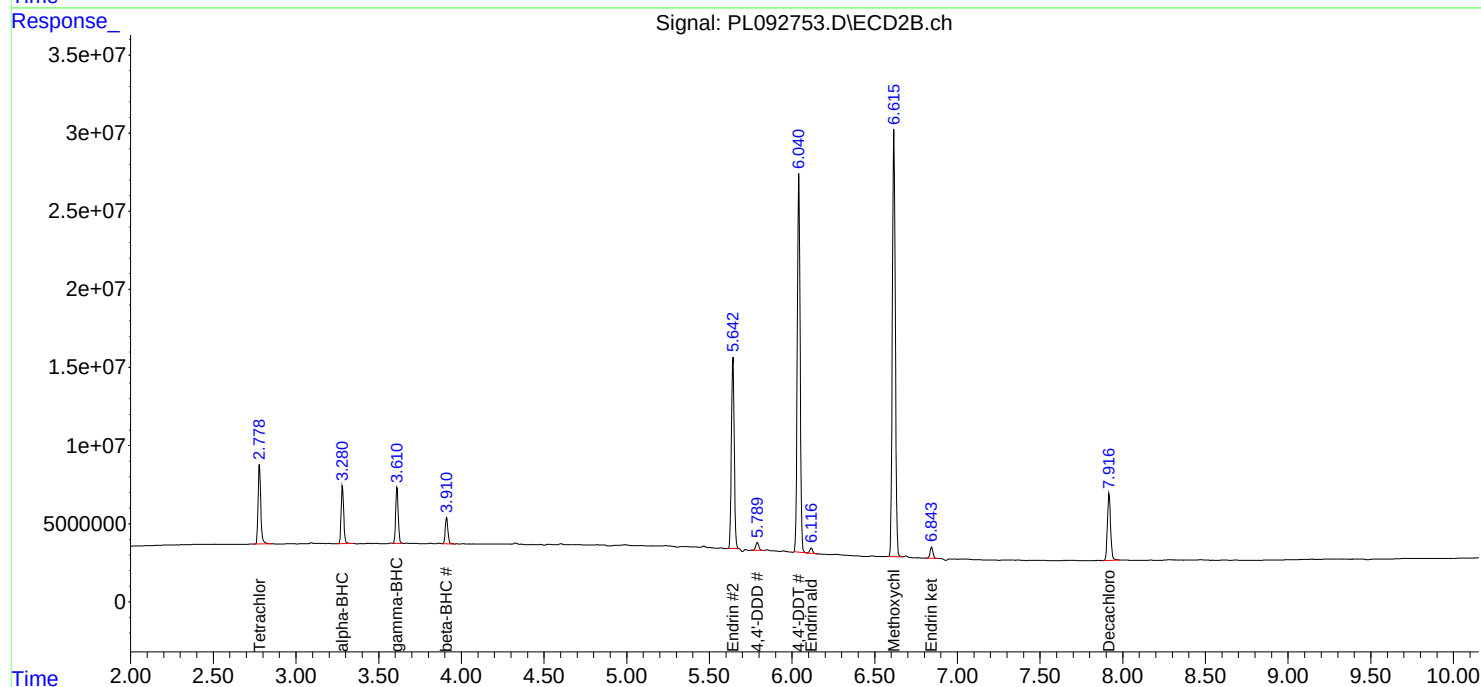
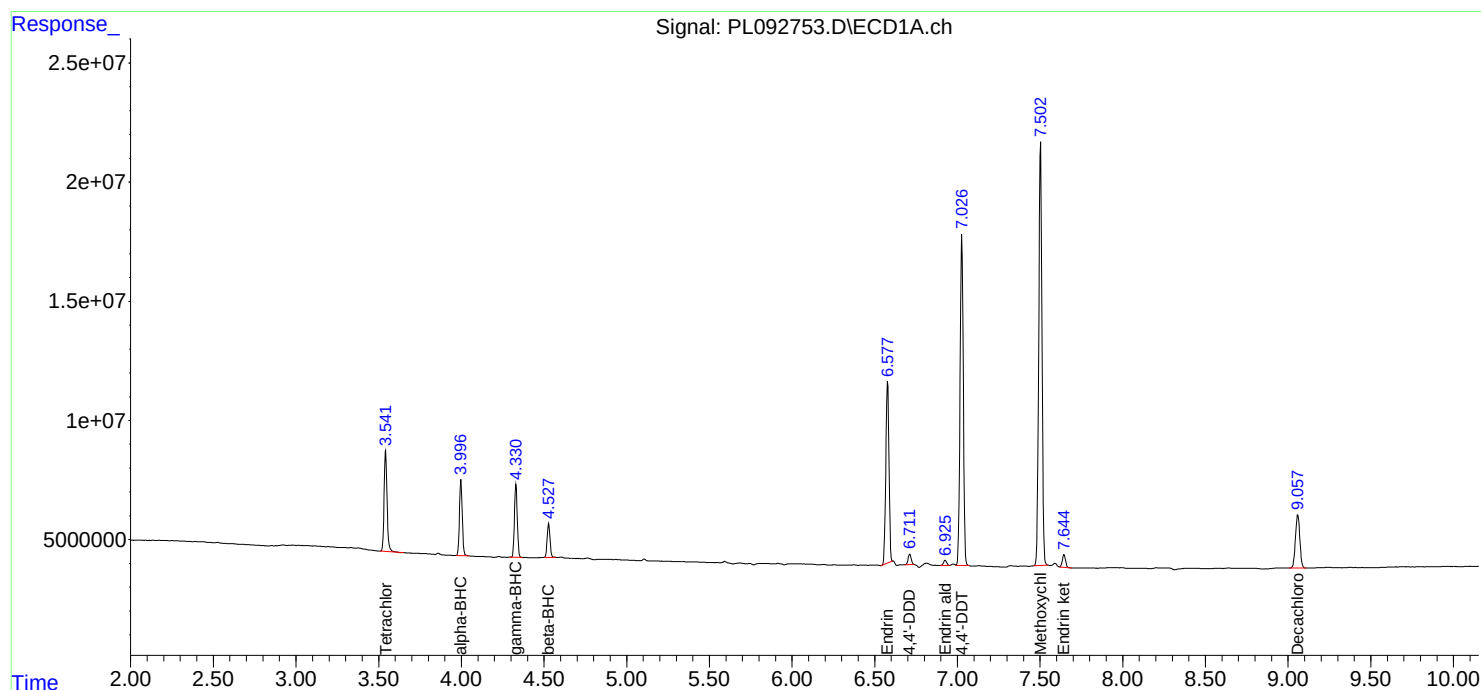
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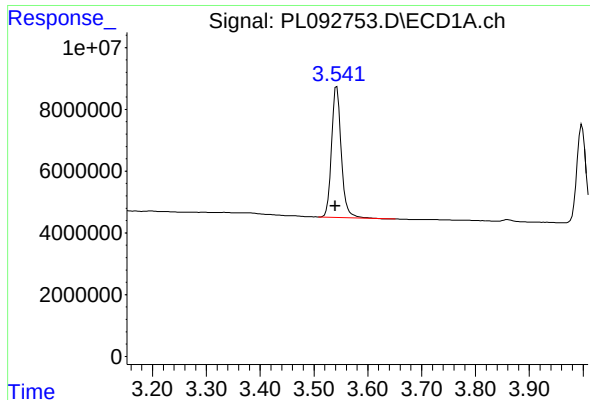
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Integration File signal 1: autoint1.e
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Volume Inj. : 1 µl
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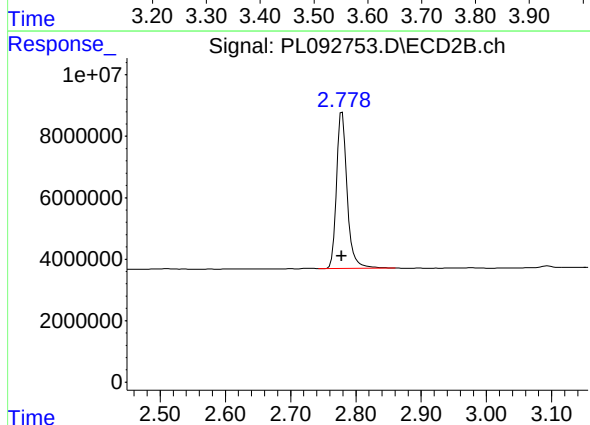
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: 0.002 min
Response: 52986235
Conc: 21.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

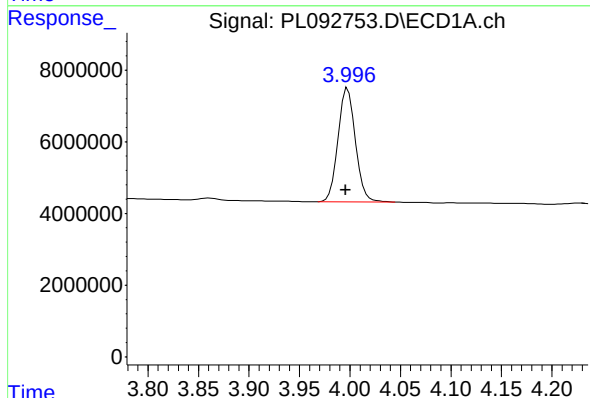
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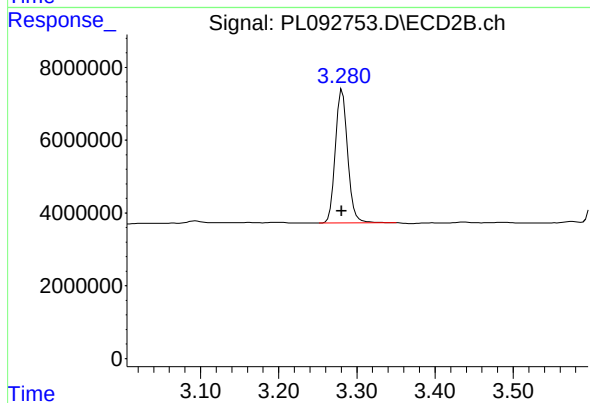
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: 0.001 min
Response: 57365915
Conc: 21.08 ng/ml



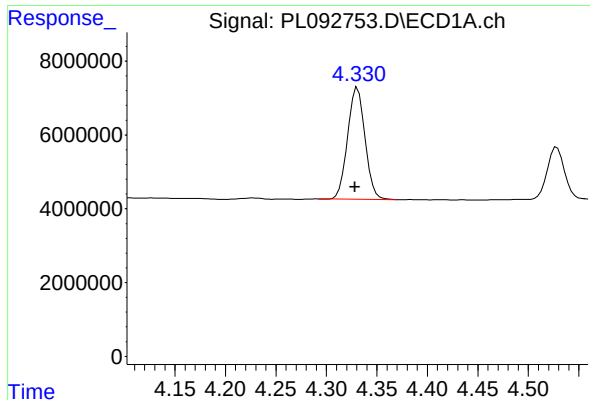
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 38209991
Conc: 11.27 ng/ml m



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: 0.000 min
Response: 40090506
Conc: 10.05 ng/ml



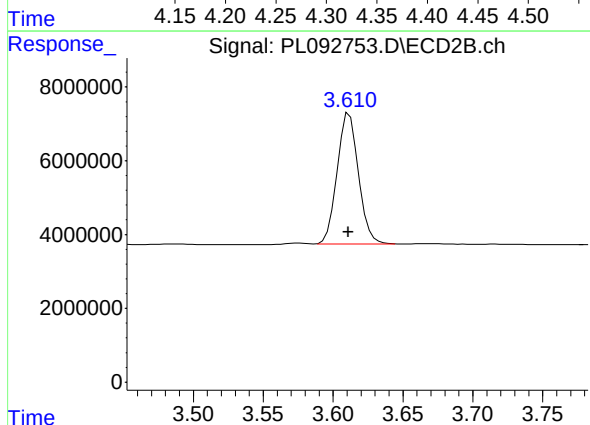
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.003 min
Response: 36368917
Conc: 11.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

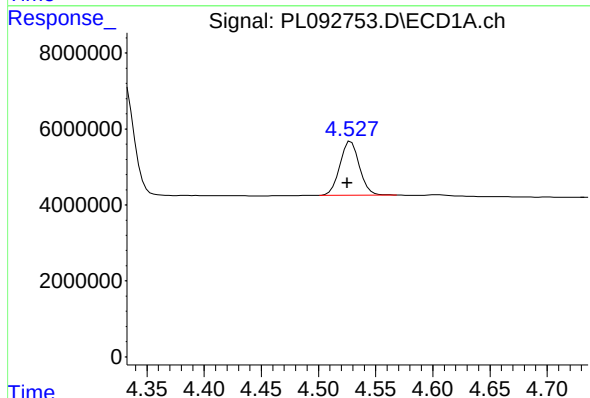
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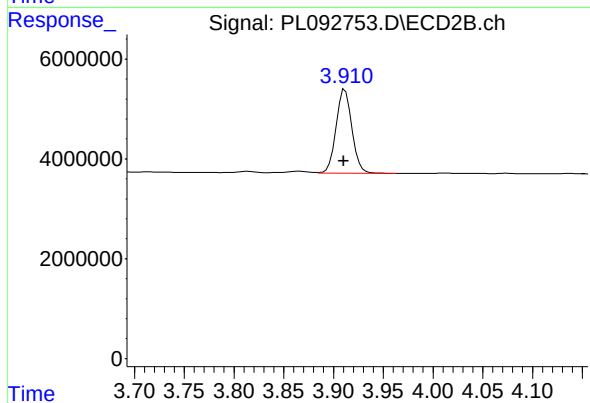
#3 gamma-BHC (Lindane)

R.T.: 3.610 min
Delta R.T.: 0.000 min
Response: 37592423
Conc: 9.74 ng/ml



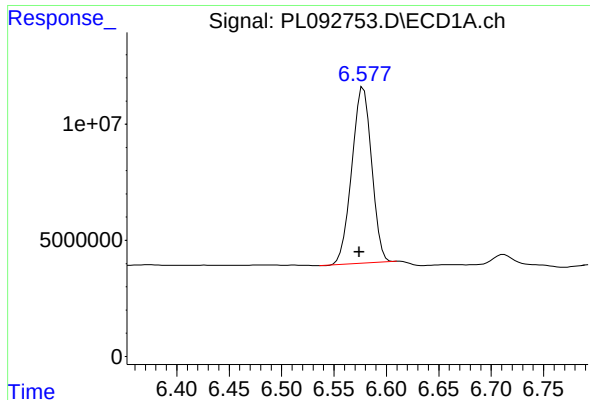
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 16860030
Conc: 11.66 ng/ml



#6 beta-BHC

R.T.: 3.912 min
Delta R.T.: 0.001 min
Response: 18643771
Conc: 11.33 ng/ml



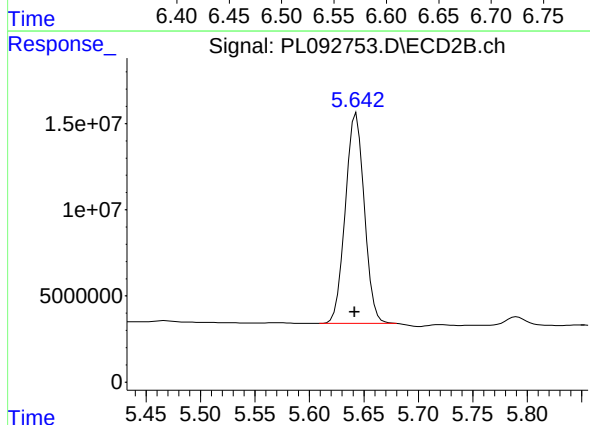
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.004 min
Response: 100382277
Conc: 44.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

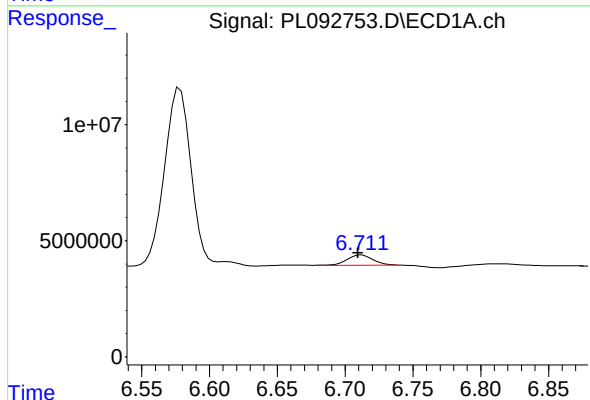
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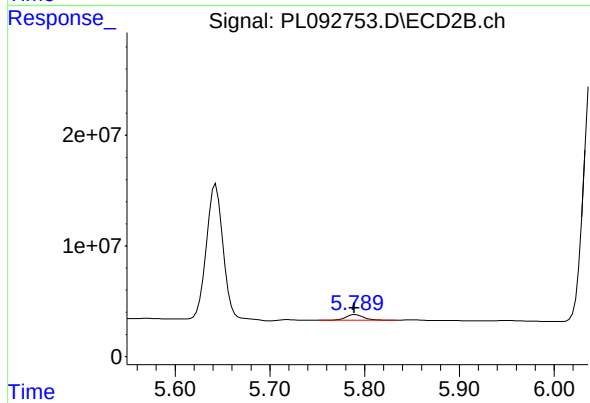
#14 Endrin

R.T.: 5.643 min
Delta R.T.: 0.002 min
Response: 147544457
Conc: 51.00 ng/ml



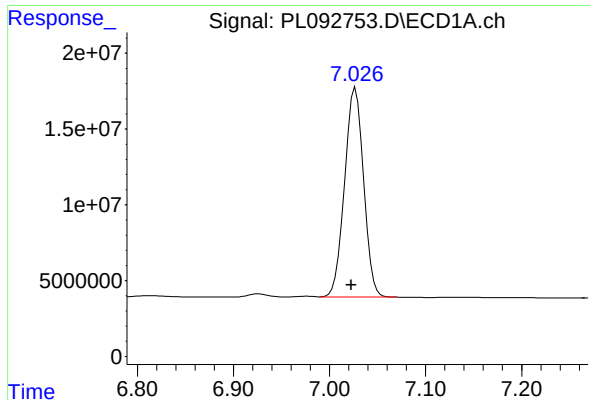
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 5884970
Conc: 3.07 ng/ml m



#16 4,4'-DDD

R.T.: 5.790 min
Delta R.T.: 0.001 min
Response: 6398875
Conc: 2.57 ng/ml



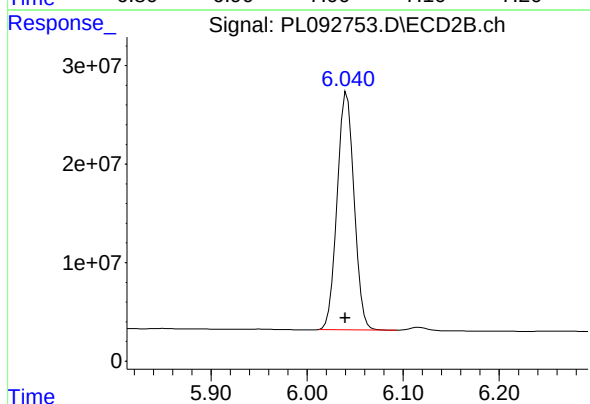
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.004 min
Response: 188999822
Conc: 91.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

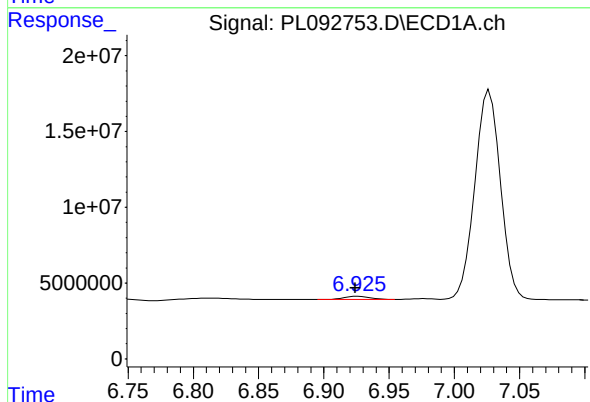
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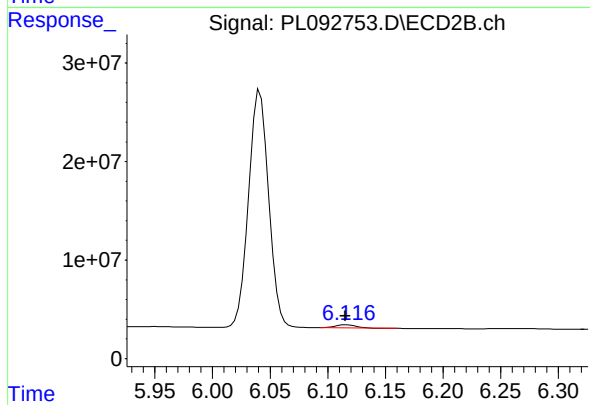
#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: 0.002 min
Response: 292009136
Conc: 108.87 ng/ml



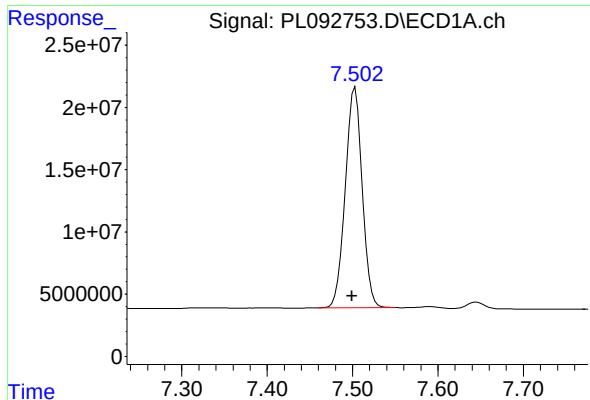
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.002 min
Response: 3044238
Conc: 1.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: 0.002 min
Response: 3947376
Conc: 1.71 ng/ml



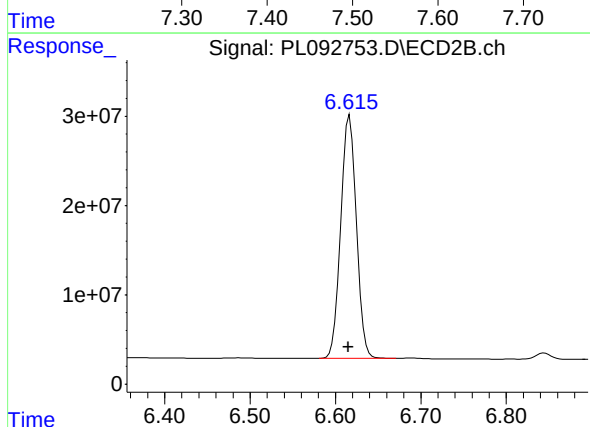
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.003 min
Response: 243747565
Conc: 213.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

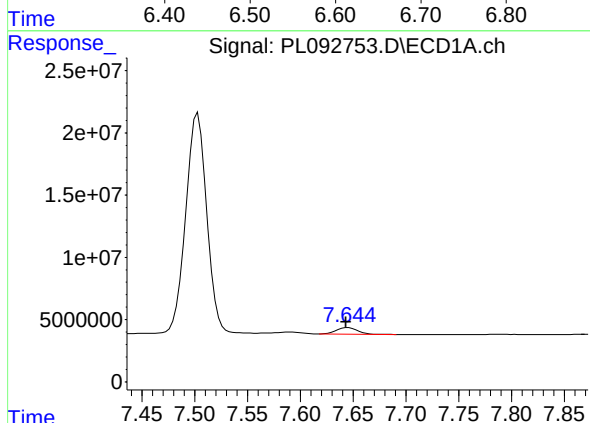
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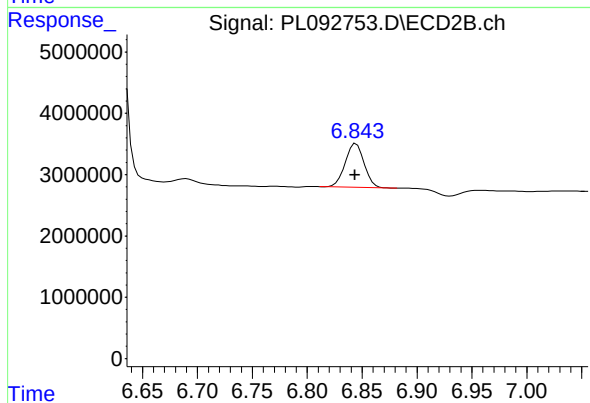
#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: 0.002 min
Response: 345337687
Conc: 241.83 ng/ml



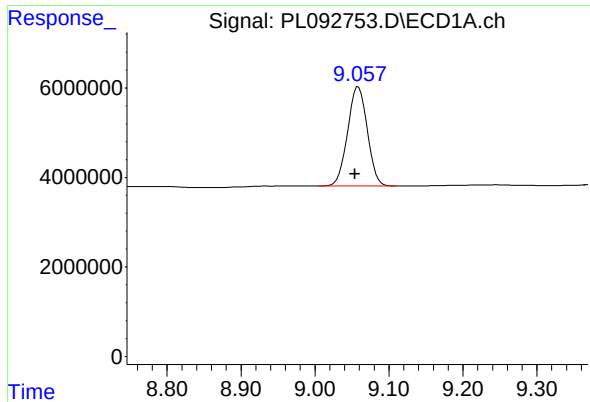
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.002 min
Response: 7147521
Conc: 2.95 ng/ml



#21 Endrin ketone

R.T.: 6.845 min
Delta R.T.: 0.001 min
Response: 8612271
Conc: 2.81 ng/ml



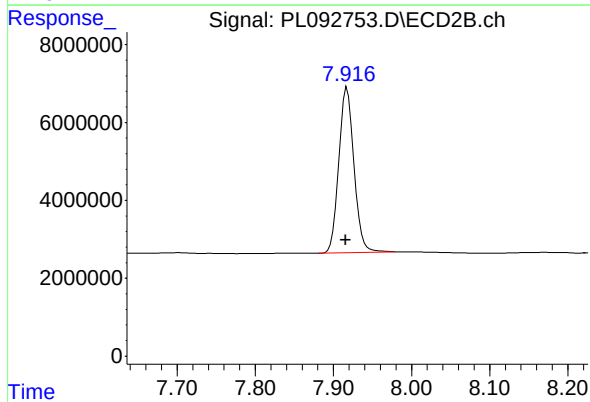
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.005 min
Response: 40894018
Conc: 21.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.917 min
Delta R.T.: 0.002 min
Response: 57406805
Conc: 21.03 ng/ml