

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111723\
 Data File : PL086720.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2023 12:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/20/2023
 Supervised By :Ankita Jodhani 11/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 17 20:55:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 13:04:14 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...	3.351	2.617	60495983	18611207	18.631	18.902
28)	SA Decachlor...	8.852	7.767	45378166	22675584	15.503	18.777
Target Compounds							
2)	A alpha-BHC	3.805	3.115	42583507	11923288	8.852	8.945
3)	MA gamma-BHC...	4.137	3.443	41134678	11473028	8.743	8.645
6)	B beta-BHC	4.340	3.745	19262396	6586418	9.524	11.050
12)	B 4,4'-DDE	6.014	5.074	1341193	219418	0.387	0.214 #
14)	MA Endrin	6.383	5.466	142.5E6	52184292	41.376	47.643
16)	A 4,4'-DDD	6.534	5.632	1970536	631765	0.740m	0.742
17)	MA 4,4'-DDT	6.848	5.881	256.8E6	105.6E6	86.631	107.983
18)	B Endrin al...	6.737	5.946	2850303	2950793	1.075	3.150 #
20)	A Methoxychlor	7.333	6.465	316.8E6	144.6E6	198.487m	241.786
21)	B Endrin ke...	7.453	6.671	5043387	2427516	1.480m	1.895 #

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

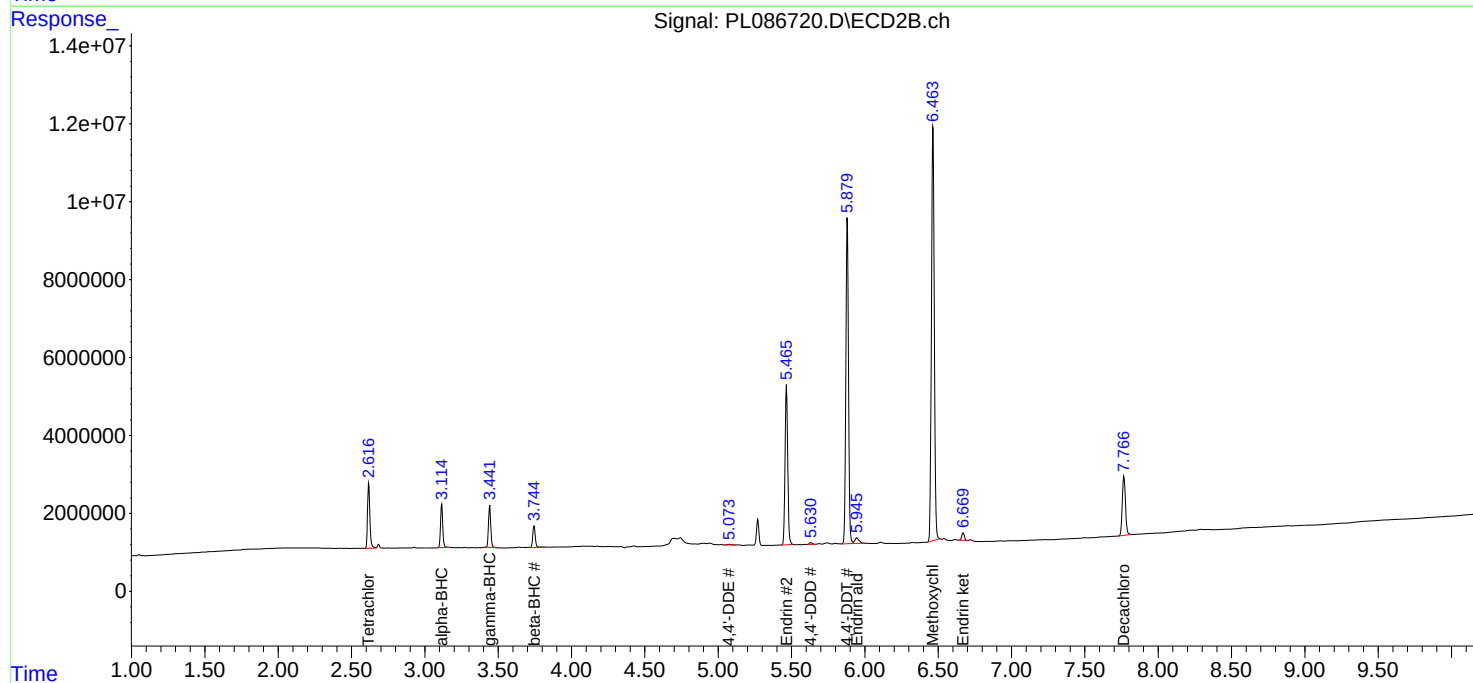
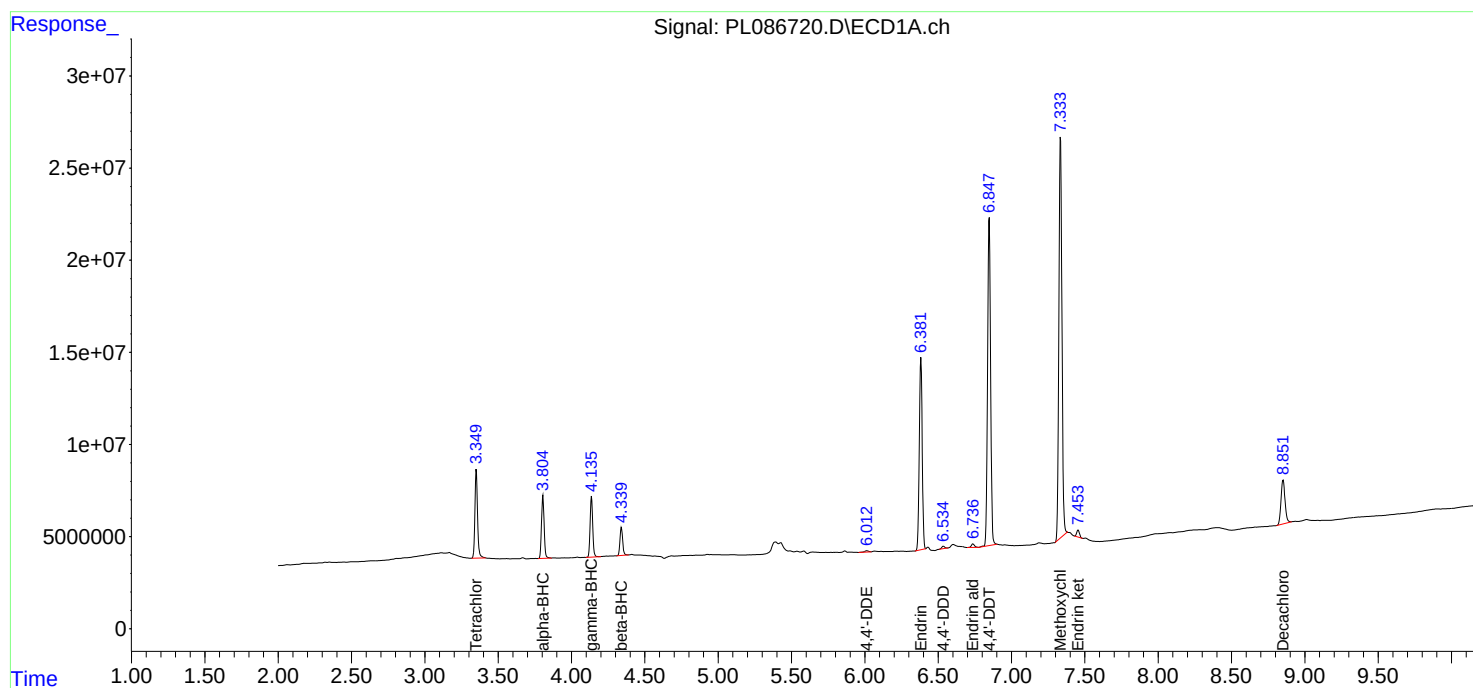
Instrument :
ECD_L
ClientSampleId :
PEM

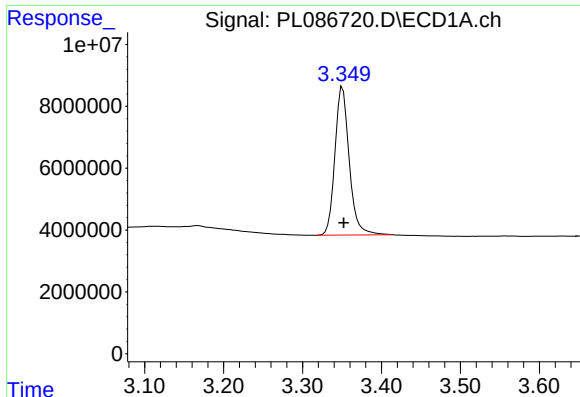
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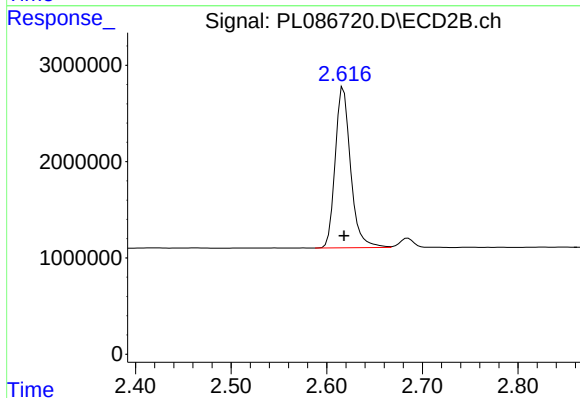
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 60495983
Conc: 18.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

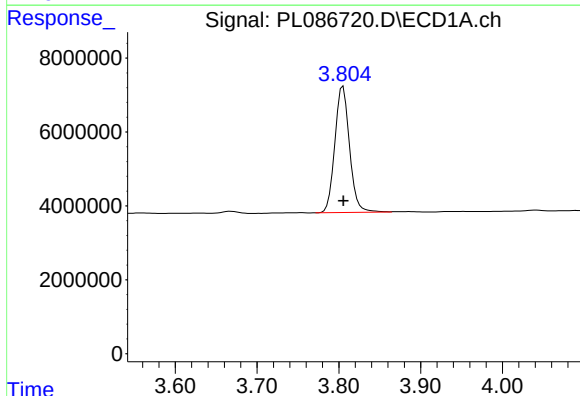
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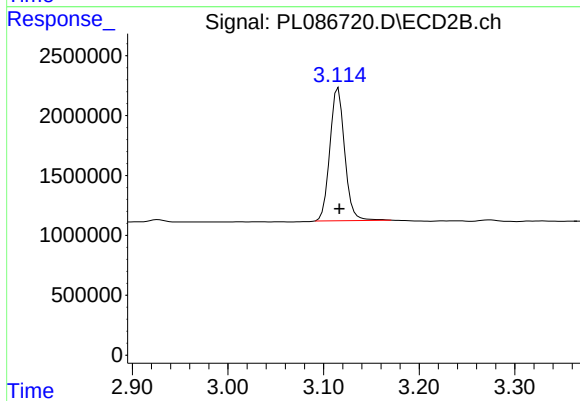
#1 Tetrachloro-m-xylene

R.T.: 2.617 min
Delta R.T.: 0.000 min
Response: 18611207
Conc: 18.90 ng/ml



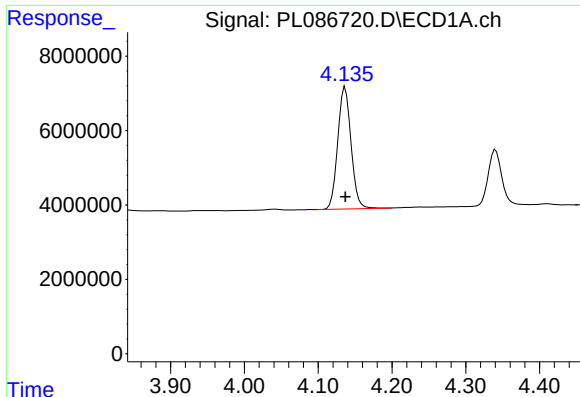
#2 alpha-BHC

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 42583507
Conc: 8.85 ng/ml



#2 alpha-BHC

R.T.: 3.115 min
Delta R.T.: -0.001 min
Response: 11923288
Conc: 8.94 ng/ml



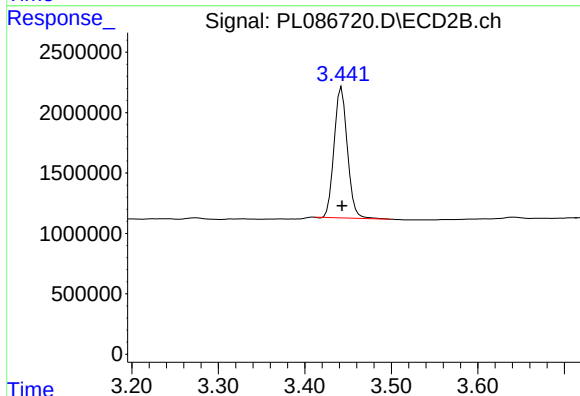
#3 gamma-BHC (Lindane)

R.T.: 4.137 min
Delta R.T.: 0.000 min
Response: 41134678
Conc: 8.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

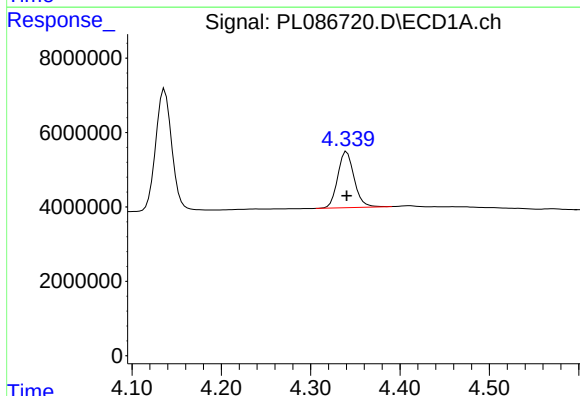
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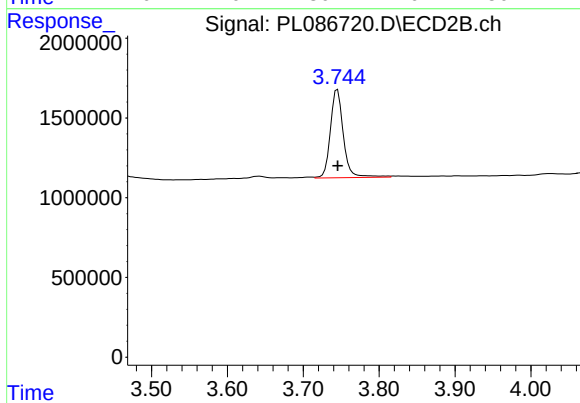
#3 gamma-BHC (Lindane)

R.T.: 3.443 min
Delta R.T.: 0.000 min
Response: 11473028
Conc: 8.65 ng/ml



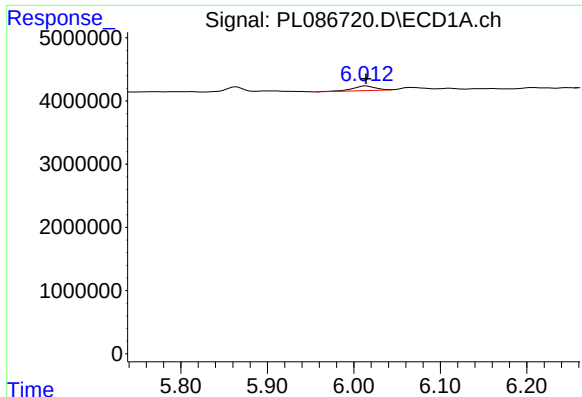
#6 beta-BHC

R.T.: 4.340 min
Delta R.T.: 0.000 min
Response: 19262396
Conc: 9.52 ng/ml



#6 beta-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 6586418
Conc: 11.05 ng/ml



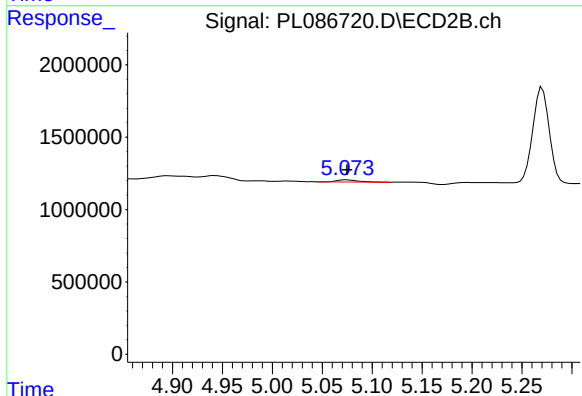
#12 4,4'-DDE

R.T.: 6.014 min
Delta R.T.: 0.000 min
Response: 1341193
Conc: 0.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

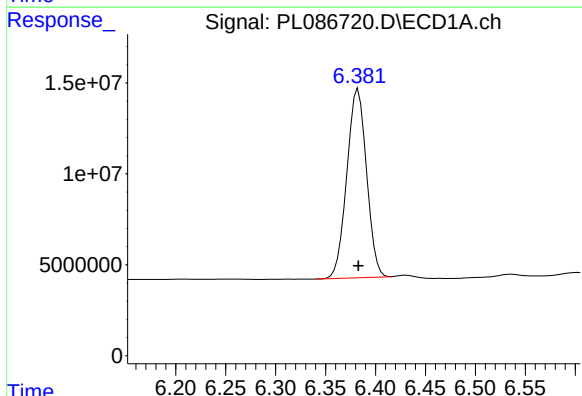
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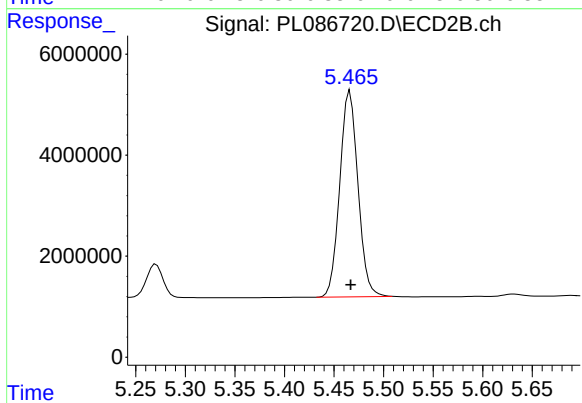
#12 4,4'-DDE

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 219418
Conc: 0.21 ng/ml



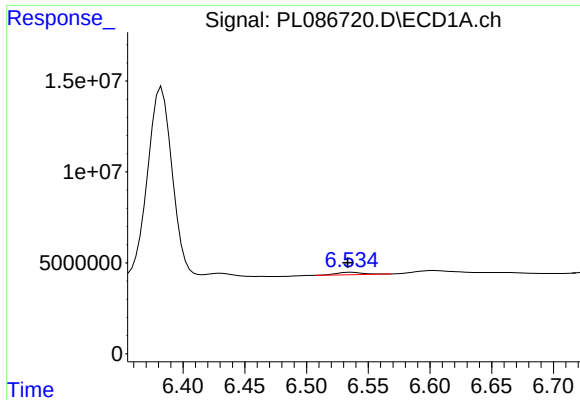
#14 Endrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 142515021
Conc: 41.38 ng/ml



#14 Endrin

R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 52184292
Conc: 47.64 ng/ml



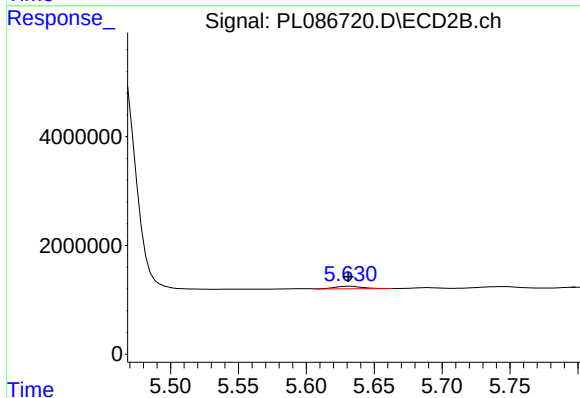
#16 4,4'-DDD

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 1970536
Conc: 0.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

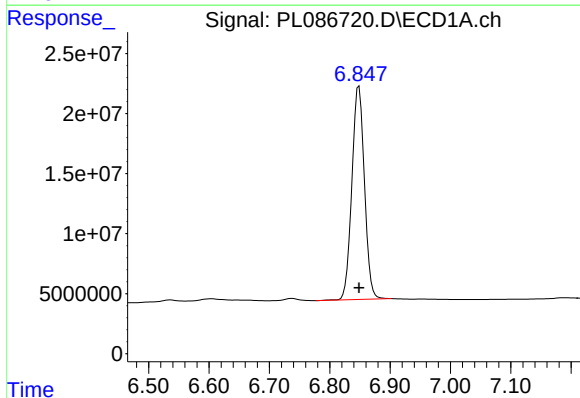
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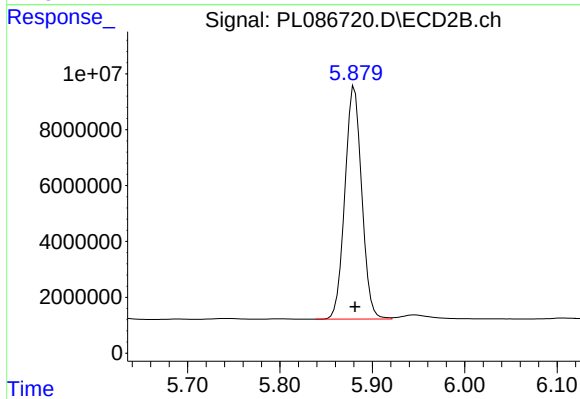
#16 4,4'-DDD

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 631765
Conc: 0.74 ng/ml



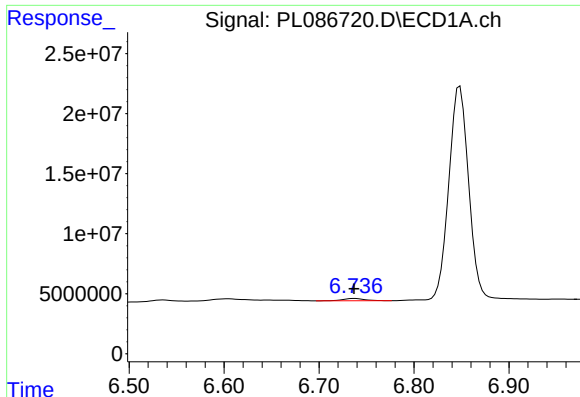
#17 4,4'-DDT

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 256802873
Conc: 86.63 ng/ml



#17 4,4'-DDT

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 105561456
Conc: 107.98 ng/ml



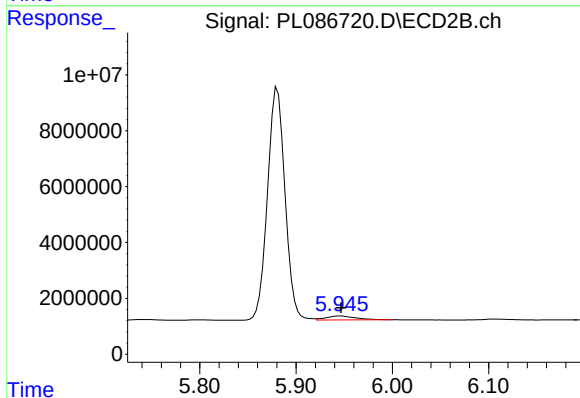
#18 Endrin aldehyde

R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 2850303
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

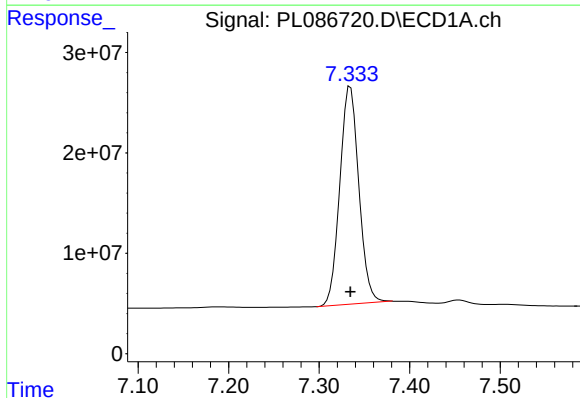
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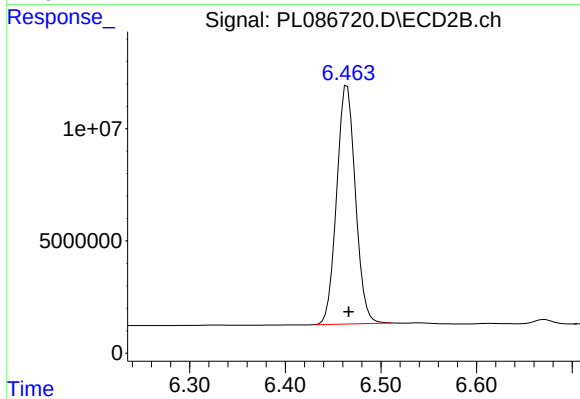
#18 Endrin aldehyde

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 2950793
Conc: 3.15 ng/ml



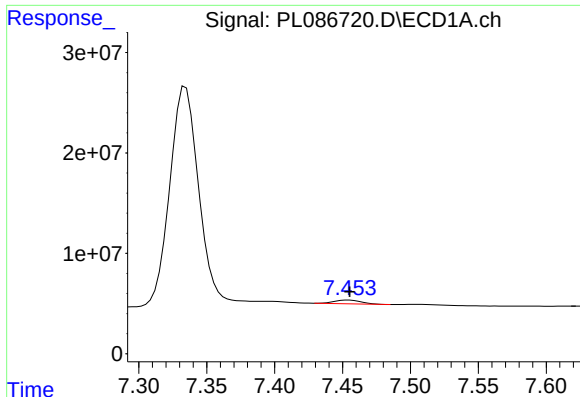
#20 Methoxychlor

R.T.: 7.333 min
Delta R.T.: -0.001 min
Response: 316759613
Conc: 198.49 ng/ml m



#20 Methoxychlor

R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 144628809
Conc: 241.79 ng/ml



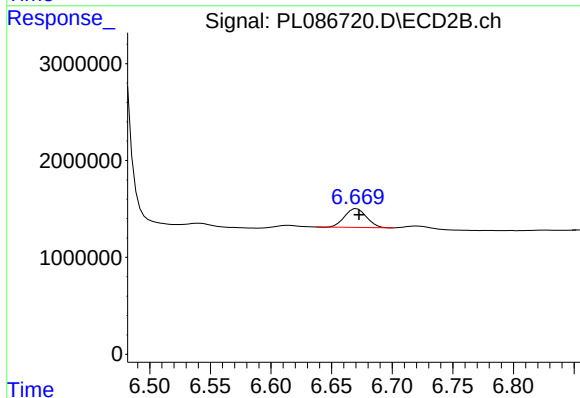
#21 Endrin ketone

R.T.: 7.453 min
Delta R.T.: -0.002 min
Response: 5043387
Conc: 1.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

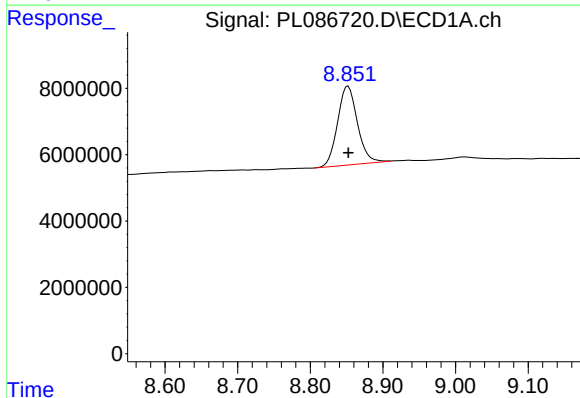
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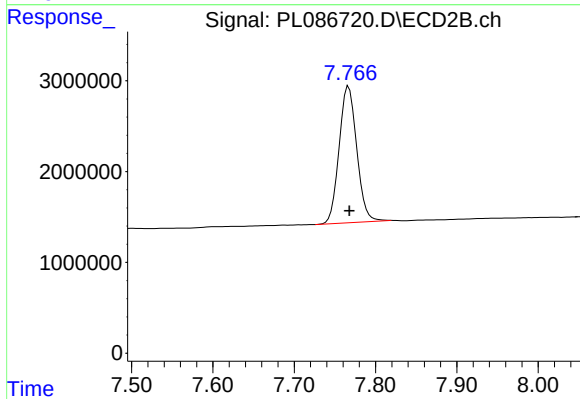
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: -0.002 min
Response: 2427516
Conc: 1.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.852 min
Delta R.T.: 0.000 min
Response: 45378166
Conc: 15.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 22675584
Conc: 18.78 ng/ml