

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102523\
 Data File : PL086146.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2023 09:45
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/26/2023
 Supervised By : Ankita Jodhani 10/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 12:11:25 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	2.621	56956210	16313590	19.150	17.464
28)	SA Decachlor...	8.856	7.772	52059619	20929691	23.902	22.676
Target Compounds							
2)	A alpha-BHC	3.810	3.119	38846612	10004909	9.051	7.952
3)	MA gamma-BHC...	4.142	3.445	37718778	9869539	9.126	8.002m
6)	B beta-BHC	4.345	3.749	19238631	5569145	11.634	10.698
14)	MA Endrin	6.387	5.471	136.4E6	44708666	47.851	49.731
16)	A 4,4'-DDD	6.537	5.636	1045198	349777	0.519m	0.503
17)	MA 4,4'-DDT	6.852	5.886	244.4E6	86570231	103.678	109.478
18)	B Endrin al...	6.741	5.951	3050489	3025252	1.505	4.057 #
20)	A Methoxychlor	7.338	6.470	337.0E6	126.4E6	241.275	240.347
21)	B Endrin ke...	7.457	6.674	5417625	2469134	1.881	2.148m

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

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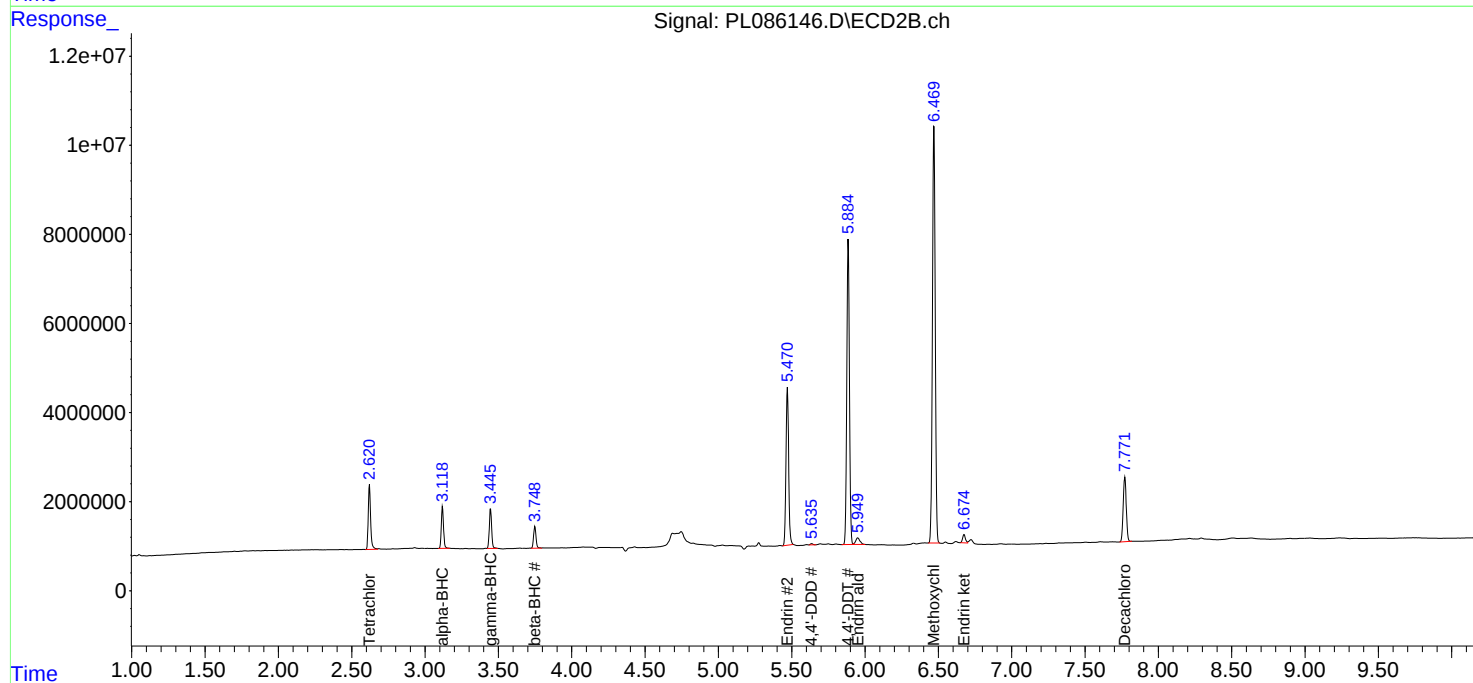
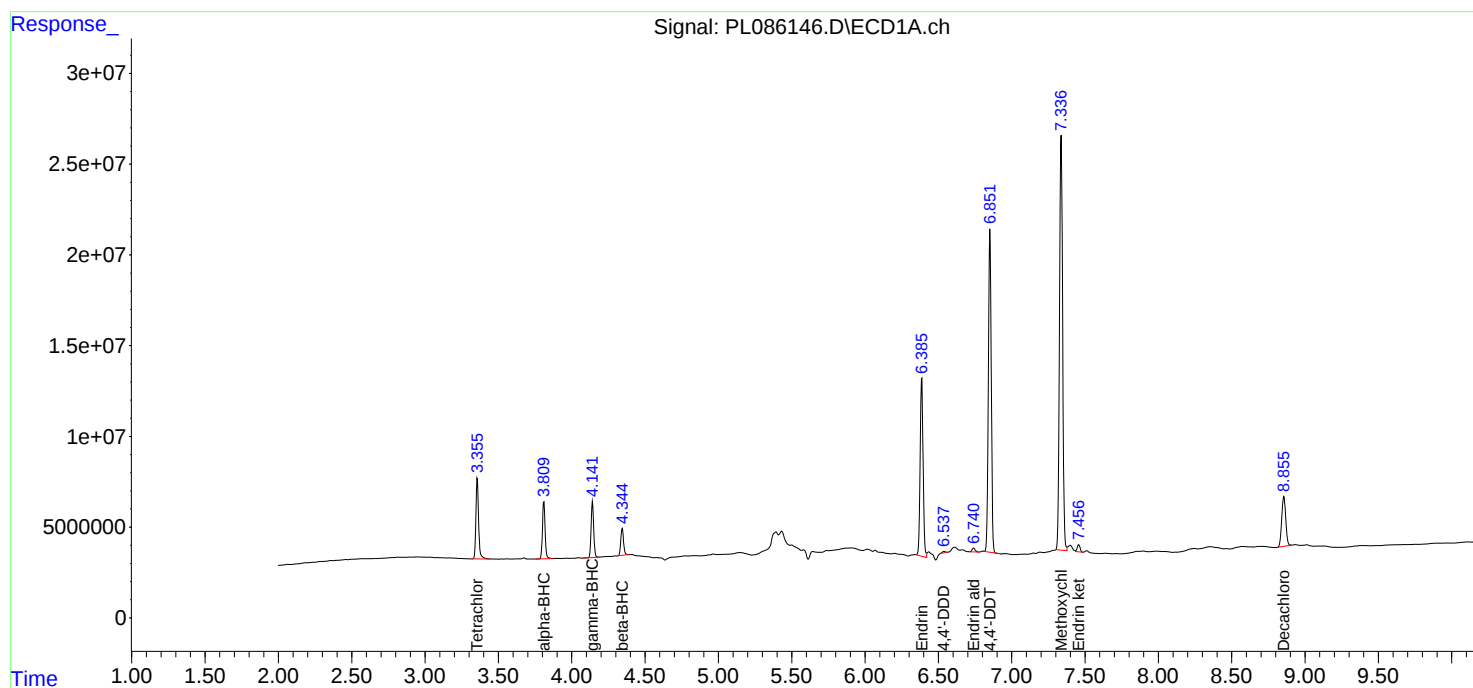
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PEM

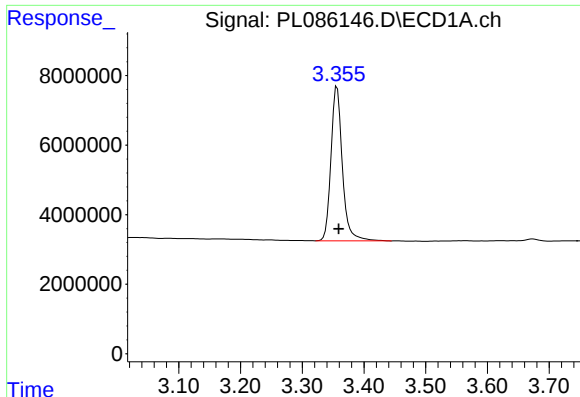
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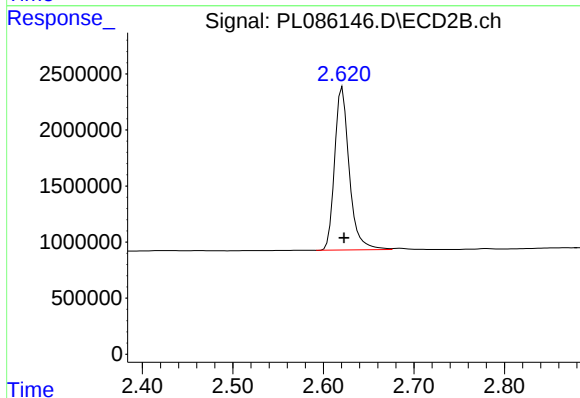
#1 Tetrachloro-m-xylene

R.T.: 3.356 min
Delta R.T.: -0.003 min
Response: 56956210
Conc: 19.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

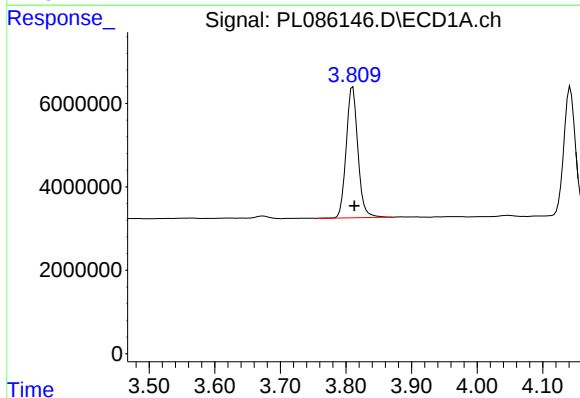
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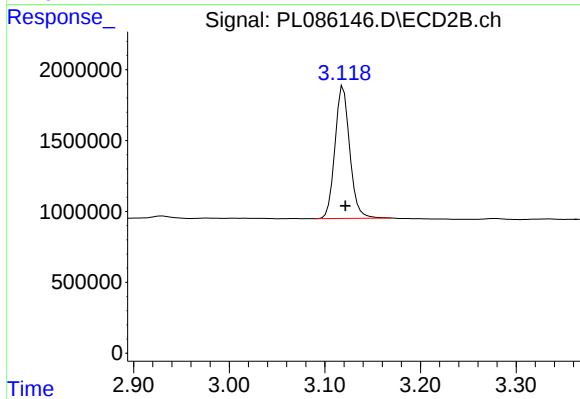
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: -0.002 min
Response: 16313590
Conc: 17.46 ng/ml



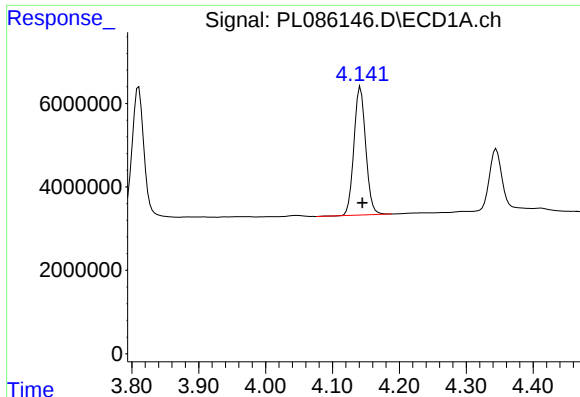
#2 alpha-BHC

R.T.: 3.810 min
Delta R.T.: -0.002 min
Response: 38846612
Conc: 9.05 ng/ml



#2 alpha-BHC

R.T.: 3.119 min
Delta R.T.: -0.002 min
Response: 10004909
Conc: 7.95 ng/ml



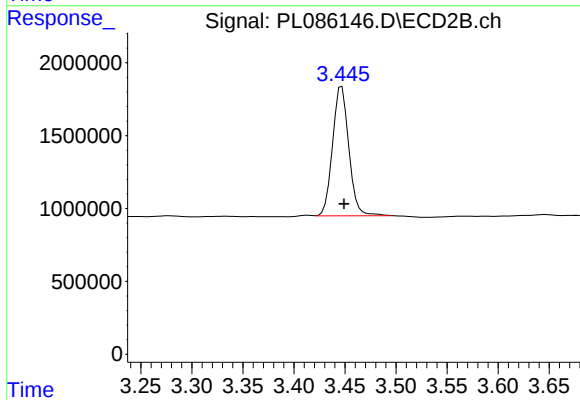
#3 gamma-BHC (Lindane)

R.T.: 4.142 min
Delta R.T.: -0.003 min
Response: 37718778
Conc: 9.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

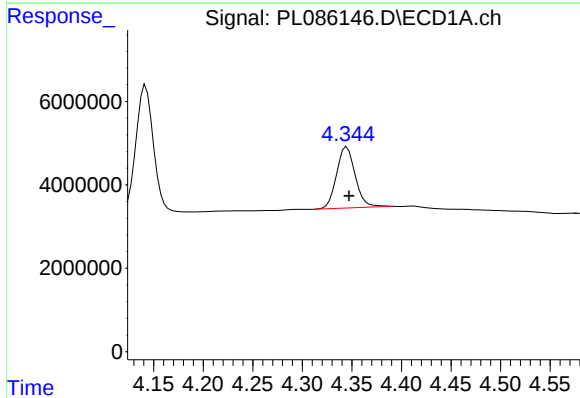
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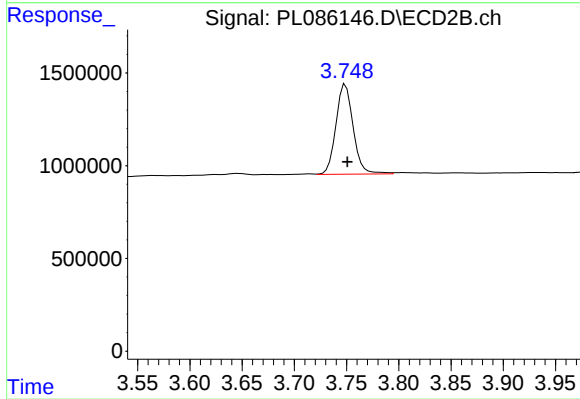
#3 gamma-BHC (Lindane)

R.T.: 3.445 min
Delta R.T.: -0.004 min
Response: 9869539
Conc: 8.00 ng/ml m



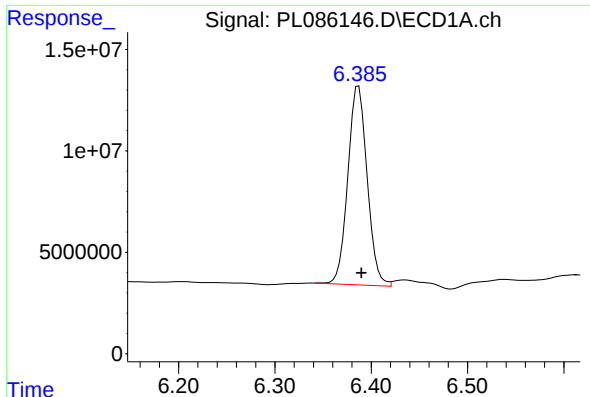
#6 beta-BHC

R.T.: 4.345 min
Delta R.T.: -0.002 min
Response: 19238631
Conc: 11.63 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: -0.002 min
Response: 5569145
Conc: 10.70 ng/ml



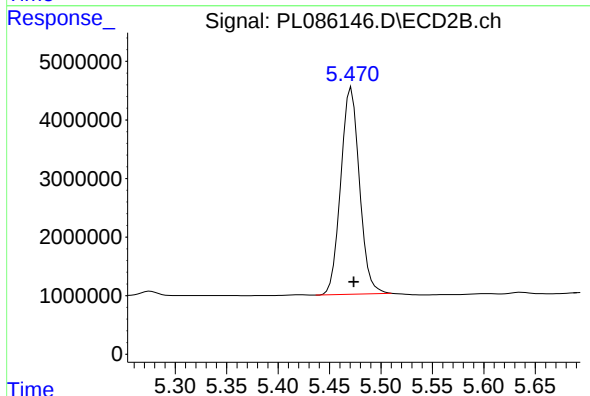
#14 Endrin

R.T.: 6.387 min
Delta R.T.: -0.003 min
Response: 136363608
Conc: 47.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

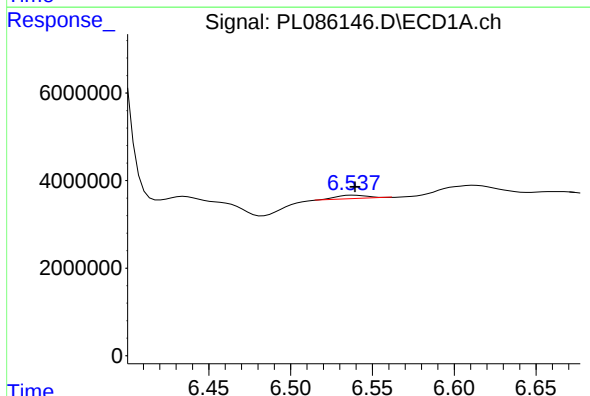
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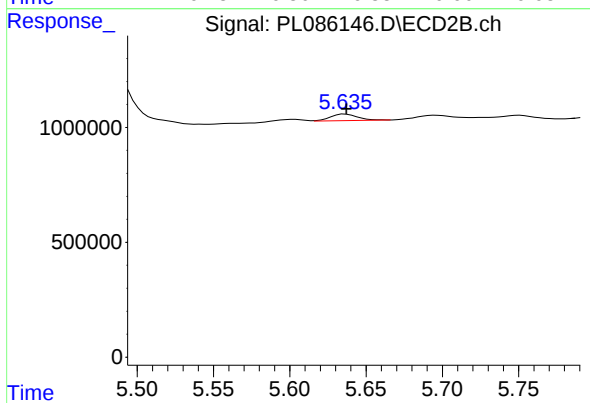
#14 Endrin

R.T.: 5.471 min
Delta R.T.: -0.002 min
Response: 44708666
Conc: 49.73 ng/ml



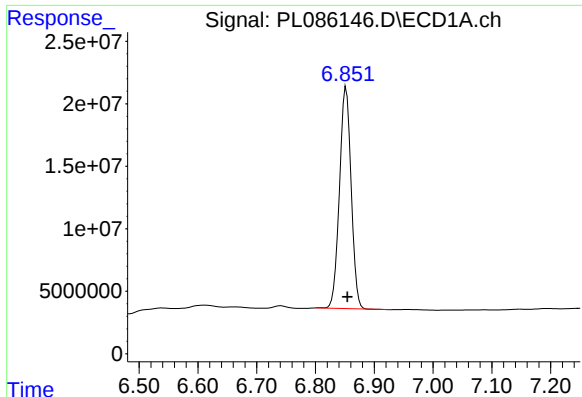
#16 4,4'-DDD

R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 1045198
Conc: 0.52 ng/ml m



#16 4,4'-DDD

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 349777
Conc: 0.50 ng/ml



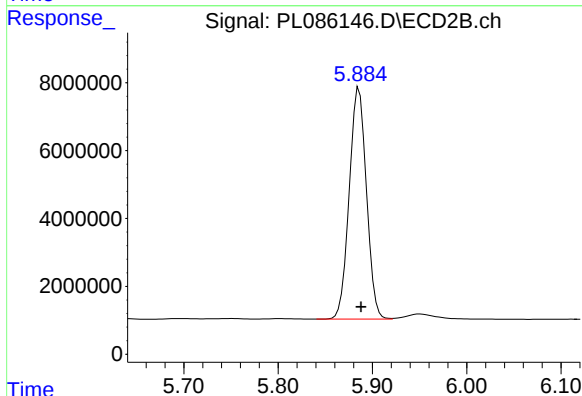
#17 4,4'-DDT

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 244379350
Conc: 103.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

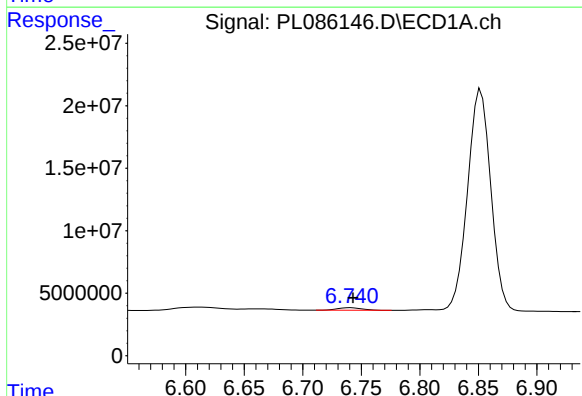
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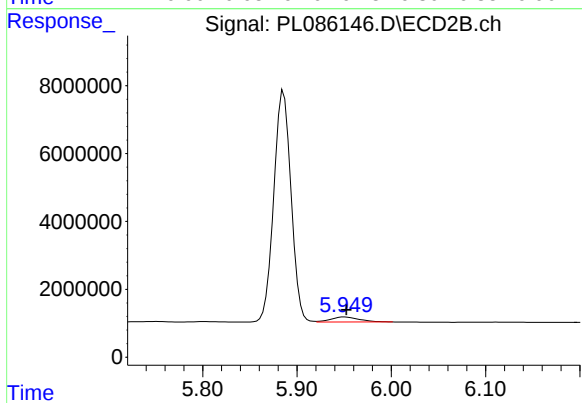
#17 4,4'-DDT

R.T.: 5.886 min
Delta R.T.: -0.002 min
Response: 86570231
Conc: 109.48 ng/ml



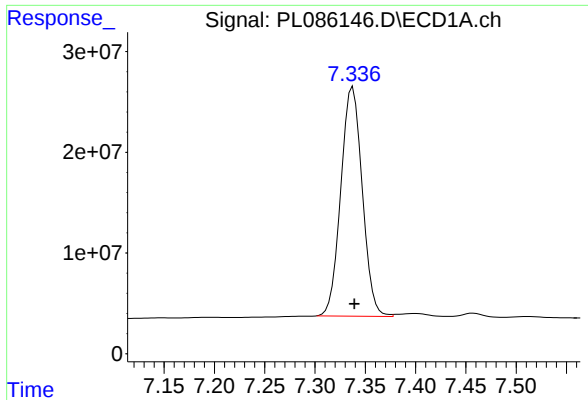
#18 Endrin aldehyde

R.T.: 6.741 min
Delta R.T.: -0.002 min
Response: 3050489
Conc: 1.51 ng/ml



#18 Endrin aldehyde

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 3025252
Conc: 4.06 ng/ml



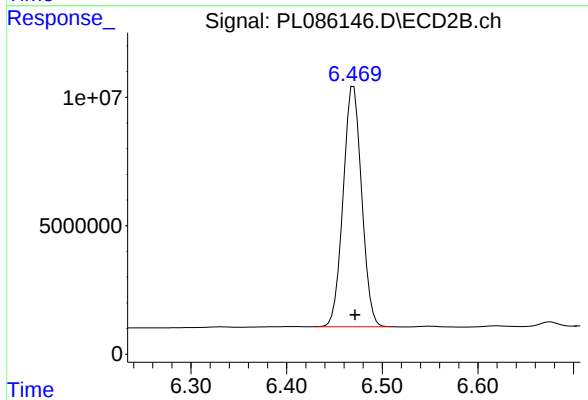
#20 Methoxychlor

R.T.: 7.338 min
Delta R.T.: -0.002 min
Response: 336969103
Conc: 241.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

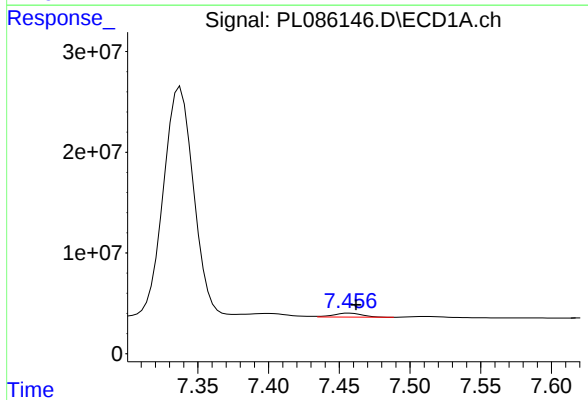
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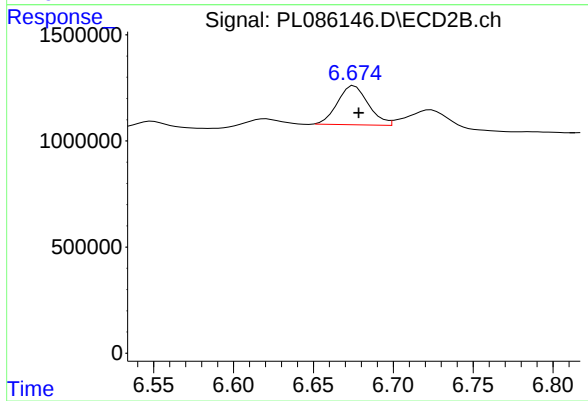
#20 Methoxychlor

R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 126441110
Conc: 240.35 ng/ml



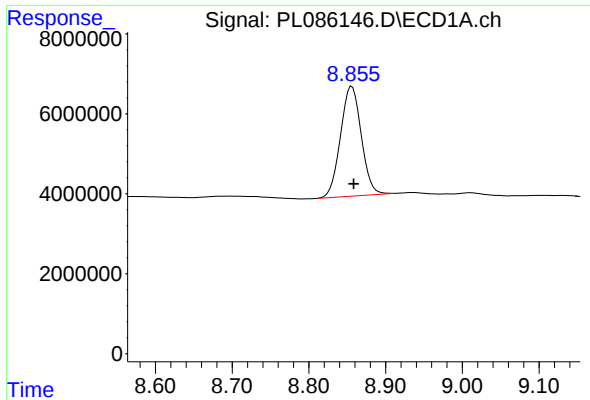
#21 Endrin ketone

R.T.: 7.457 min
Delta R.T.: -0.005 min
Response: 5417625
Conc: 1.88 ng/ml



#21 Endrin ketone

R.T.: 6.674 min
Delta R.T.: -0.004 min
Response: 2469134
Conc: 2.15 ng/ml m



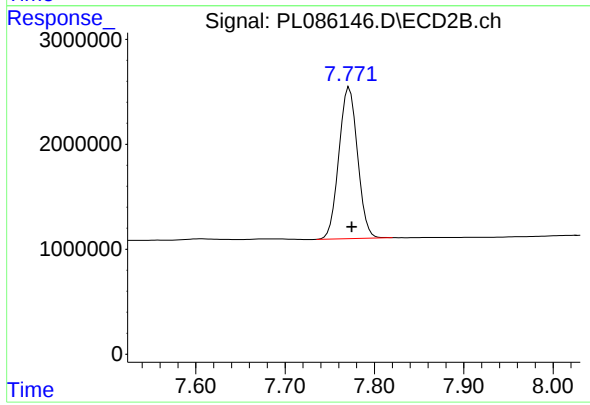
#28 Decachlorobiphenyl

R.T.: 8.856 min
Delta R.T.: -0.003 min
Response: 52059619
Conc: 23.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.772 min
Delta R.T.: -0.003 min
Response: 20929691
Conc: 22.68 ng/ml