

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121223\
 Data File : PL087119.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2023 20:43
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/13/2023
 Supervised By : Ankita Jodhani 12/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 21:57:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121223.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 17:22:26 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...	3.454	2.702	67629381	17781752	18.536	18.004
28)	SA Decachlor...	9.051	7.900	61411095	20066917	20.289	19.590
Target Compounds							
2)	A alpha-BHC	3.913	3.209	46020559	10991900	8.761	8.324
3)	MA gamma-BHC...	4.248	3.541	43434528	10817283	8.843	8.262
6)	B beta-BHC	4.449	3.843	20061778	6016397	9.549	10.085
14)	MA Endrin	6.519	5.589	143.9E6	45464523	43.203	44.467
16)	A 4,4'-DDD	6.669	5.750	4854414	1384277	1.995	1.669
17)	MA 4,4'-DDT	6.989	6.003	272.8E6	86509838	96.561	98.611
18)	B Endrin al...	6.876	6.069	4111954	1902414	1.747	2.388m#
20)	A Methoxychlor	7.480	6.590	359.0E6	114.6E6	245.455	210.167
21)	B Endrin ke...	7.600	6.798	7868782	2666356	2.425	2.481m

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

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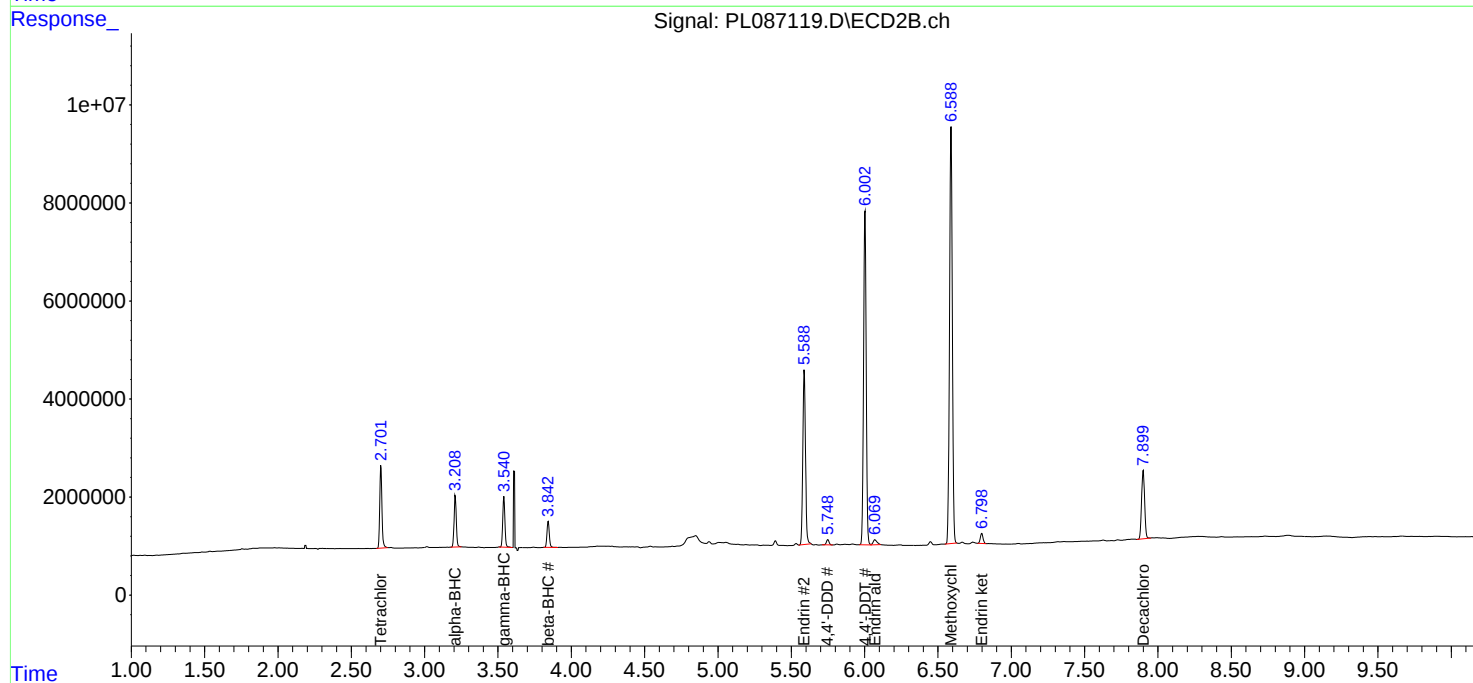
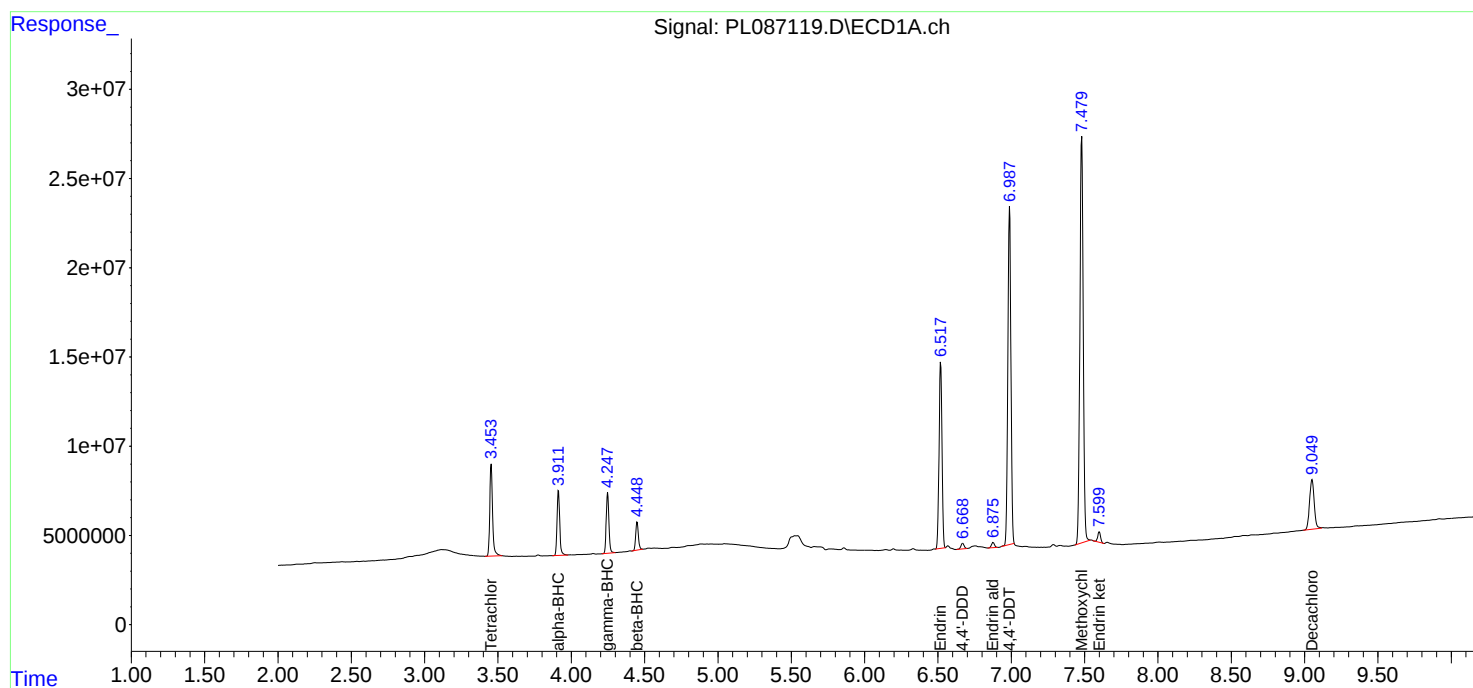
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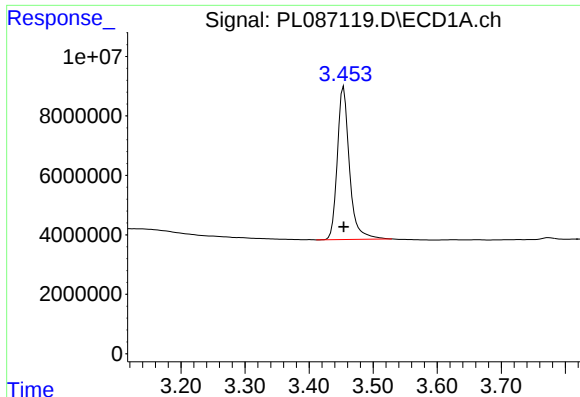
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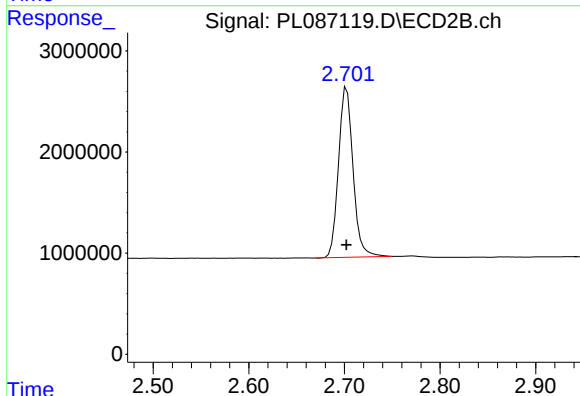
#1 Tetrachloro-m-xylene

R.T.: 3.454 min
Delta R.T.: 0.000 min
Response: 67629381
Conc: 18.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

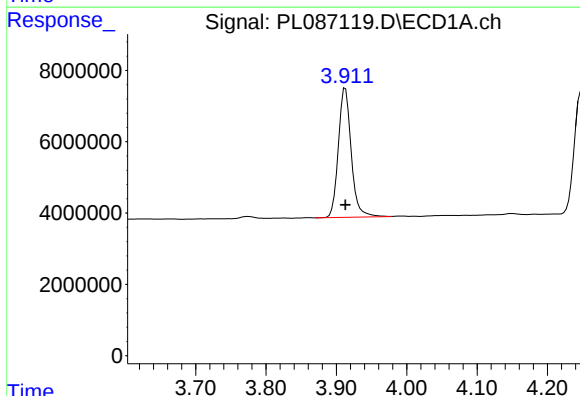
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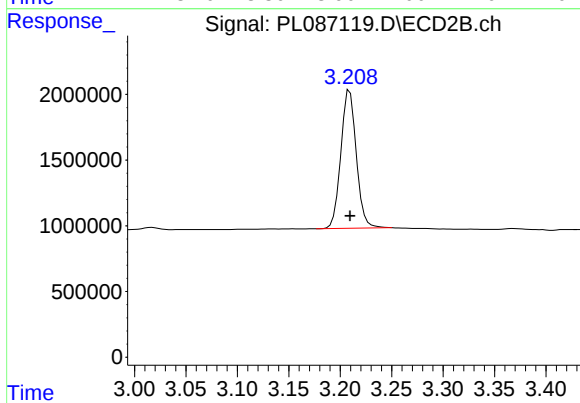
#1 Tetrachloro-m-xylene

R.T.: 2.702 min
Delta R.T.: 0.000 min
Response: 17781752
Conc: 18.00 ng/ml



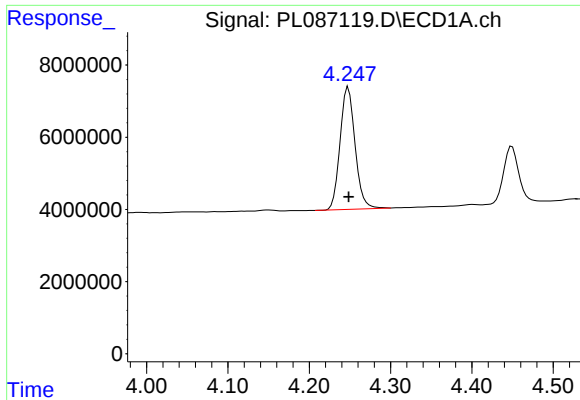
#2 alpha-BHC

R.T.: 3.913 min
Delta R.T.: 0.000 min
Response: 46020559
Conc: 8.76 ng/ml



#2 alpha-BHC

R.T.: 3.209 min
Delta R.T.: 0.000 min
Response: 10991900
Conc: 8.32 ng/ml



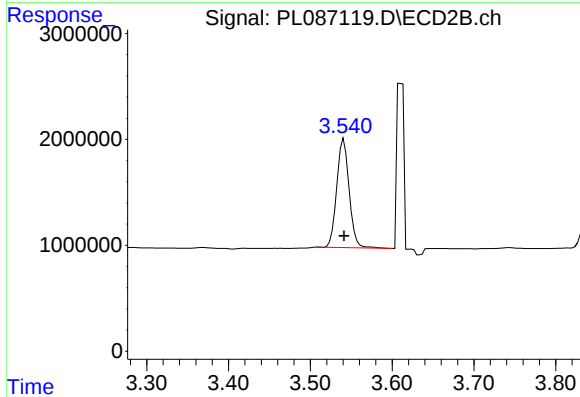
#3 gamma-BHC (Lindane)

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 43434528
Conc: 8.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

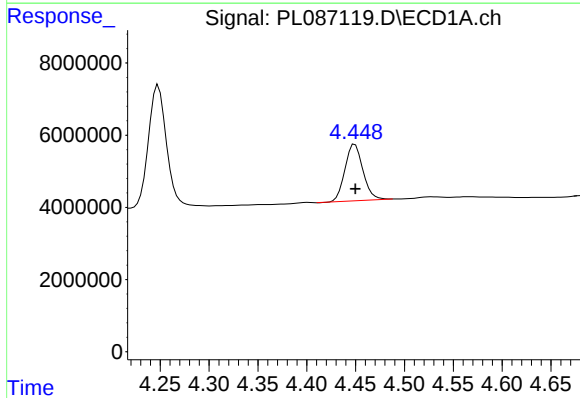
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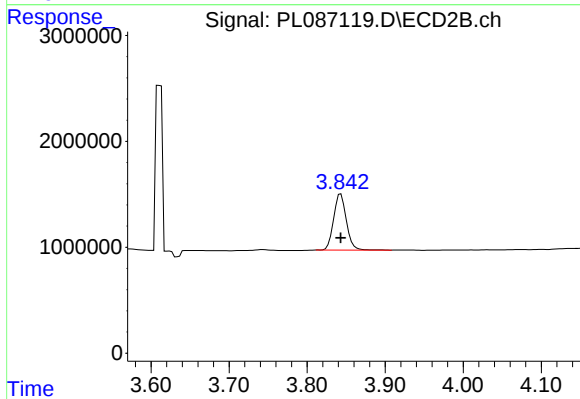
#3 gamma-BHC (Lindane)

R.T.: 3.541 min
Delta R.T.: 0.000 min
Response: 10817283
Conc: 8.26 ng/ml



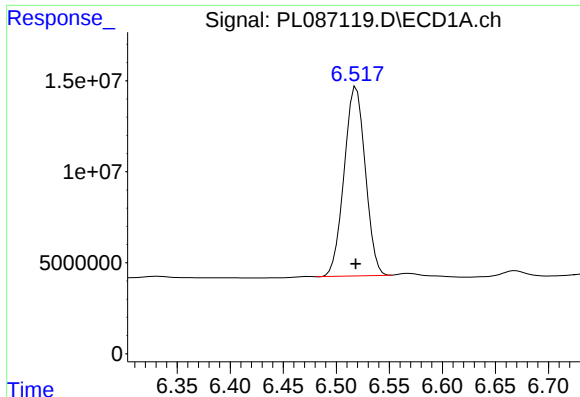
#6 beta-BHC

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 20061778
Conc: 9.55 ng/ml



#6 beta-BHC

R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 6016397
Conc: 10.08 ng/ml



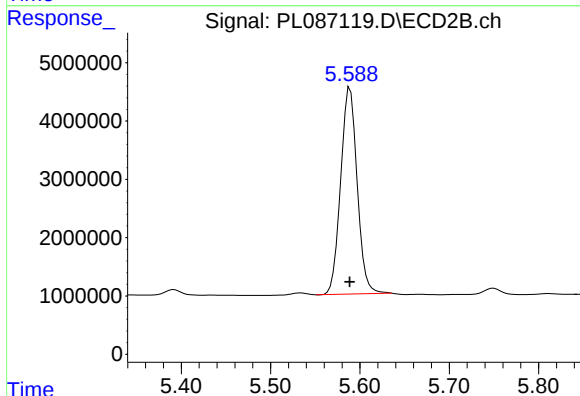
#14 Endrin

R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 143916464
Conc: 43.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

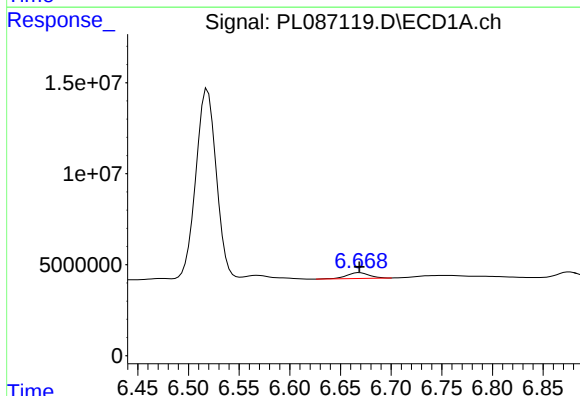
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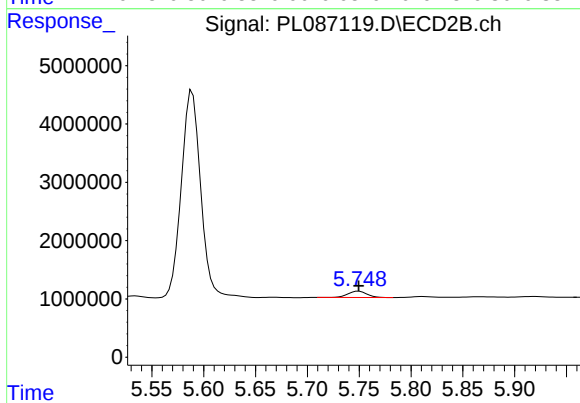
#14 Endrin

R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 45464523
Conc: 44.47 ng/ml



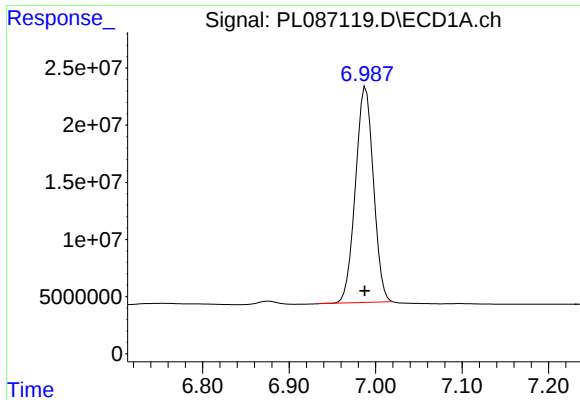
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 4854414
Conc: 1.99 ng/ml



#16 4,4'-DDD

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 1384277
Conc: 1.67 ng/ml



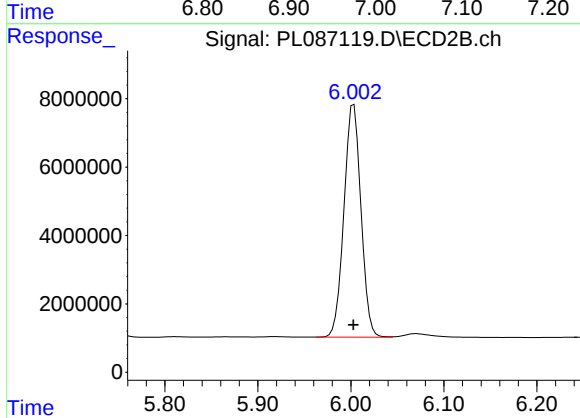
#17 4,4'-DDT

R.T.: 6.989 min
Delta R.T.: 0.001 min
Response: 272817693
Conc: 96.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

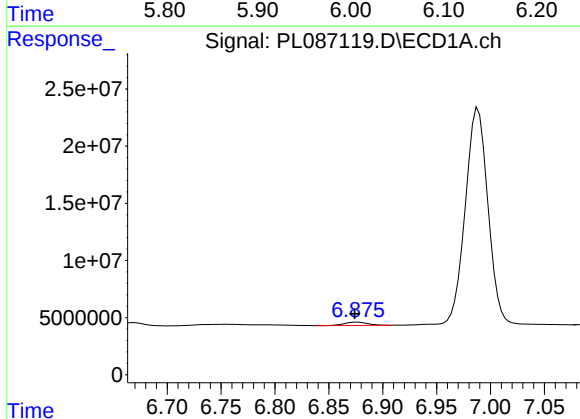
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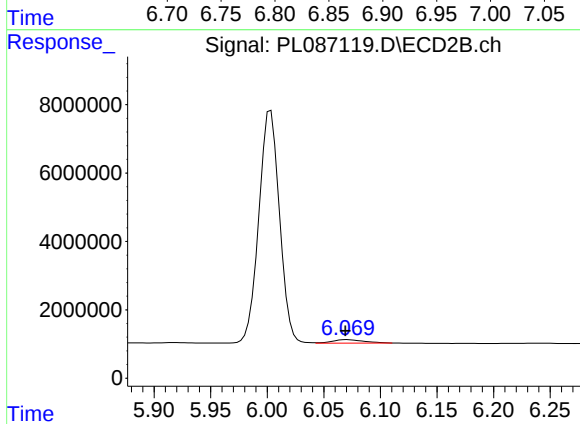
#17 4,4'-DDT

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 86509838
Conc: 98.61 ng/ml



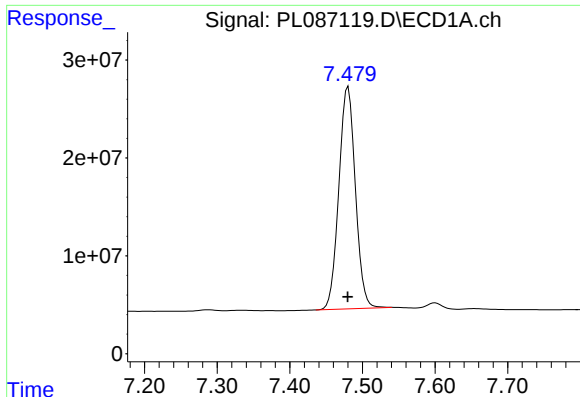
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.002 min
Response: 4111954
Conc: 1.75 ng/ml



#18 Endrin aldehyde

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 1902414
Conc: 2.39 ng/ml m



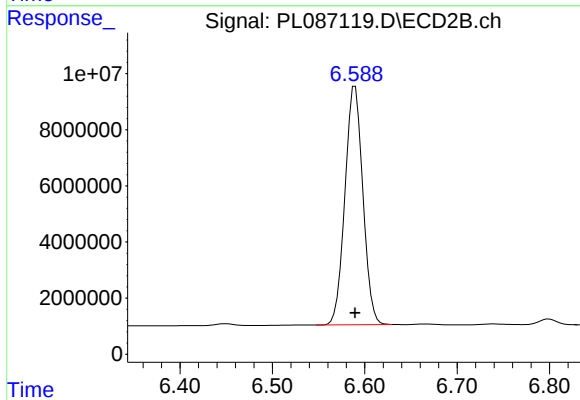
#20 Methoxychlor

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 358954413
Conc: 245.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

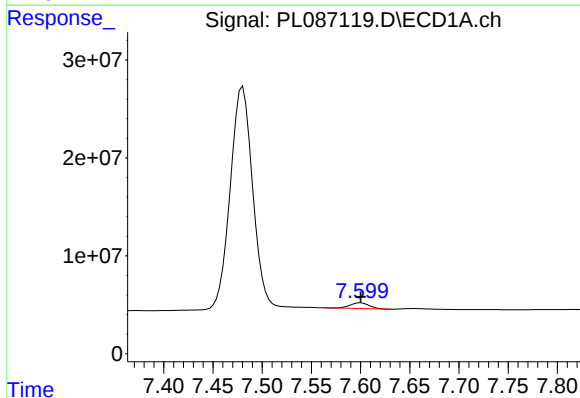
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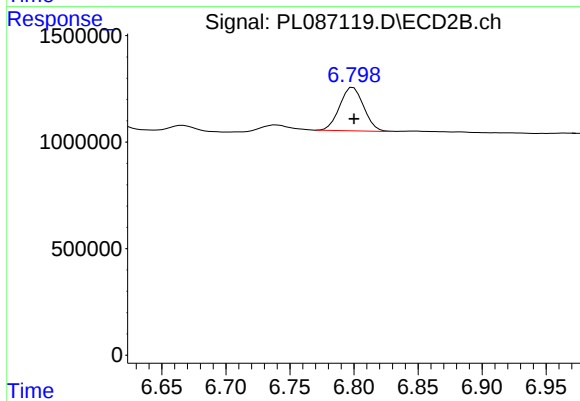
#20 Methoxychlor

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 114588890
Conc: 210.17 ng/ml



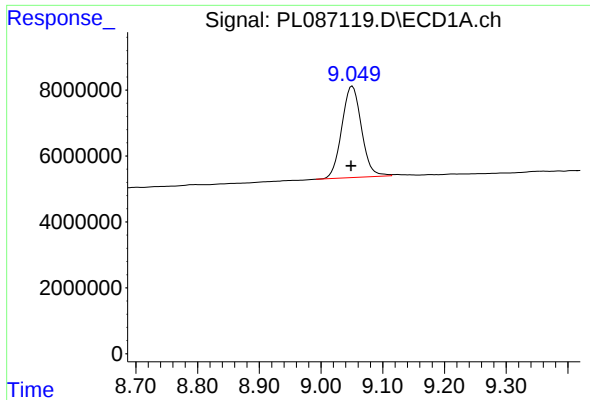
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 7868782
Conc: 2.43 ng/ml



#21 Endrin ketone

R.T.: 6.798 min
Delta R.T.: -0.002 min
Response: 2666356
Conc: 2.48 ng/ml m



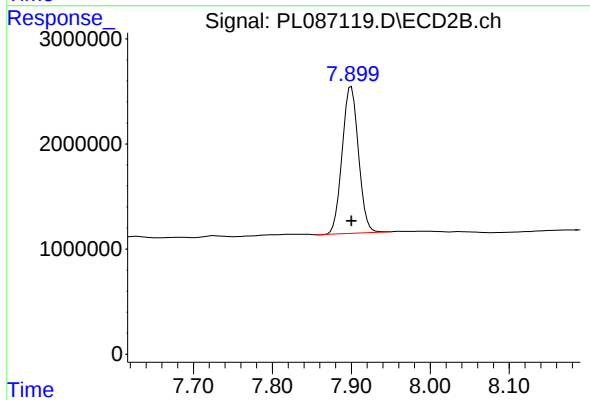
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: 0.002 min
Response: 61411095
Conc: 20.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 20066917
Conc: 19.59 ng/ml