

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120823\
 Data File : PL087027.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Dec 2023 09:48
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/11/2023
 Supervised By :Ankita Jodhani 12/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 09 01:05:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120623.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 07 00:53:18 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...	3.451	2.701	61656078	18474243	19.105	18.886
28)	SA Decachlor...	9.048	7.898	46773078	19248871	20.463	20.004
Target Compounds							
2)	A alpha-BHC	3.909	3.207	41028746	11459365	9.117	8.941
3)	MA gamma-BHC...	4.245	3.538	39605849	11362374	9.539	8.971
6)	B beta-BHC	4.445	3.840	19036840	6181174	11.195	10.895
12)	B 4,4'-DDE	6.140	5.187	689952	186973	0.275	0.210
14)	MA Endrin	6.515	5.586	110.9E6	41414495	50.256	50.766
16)	A 4,4'-DDD	6.665	5.747	3919908	1603841	1.951	2.069
17)	MA 4,4'-DDT	6.984	6.000	219.1E6	82236494	110.399	108.311
18)	B Endrin al...	6.872	6.066	3969354	2250783	2.187	3.287m#
20)	A Methoxychlor	7.477	6.588	291.6E6	116.8E6	273.907	244.279
21)	B Endrin ke...	7.598	6.797	9328715	3610784	3.658	3.570

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

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Acq On : 08 Dec 2023 09:48
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

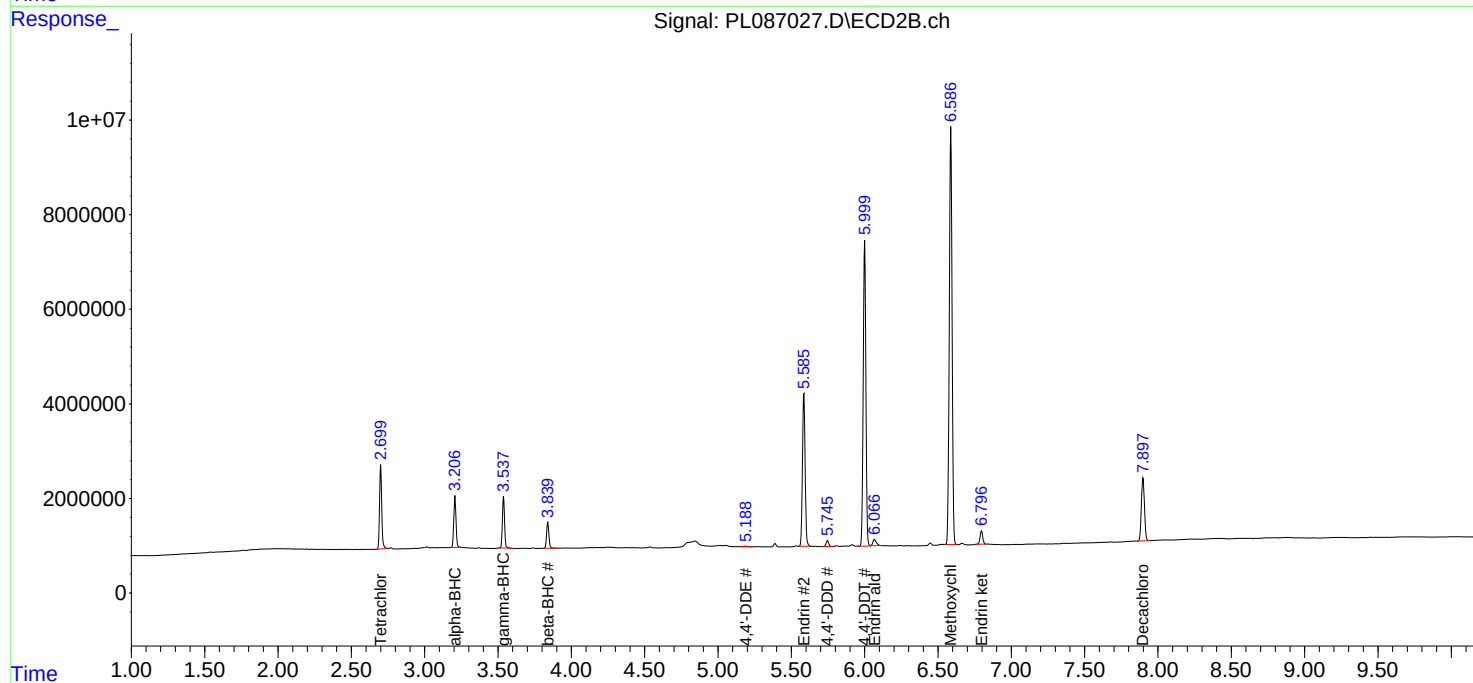
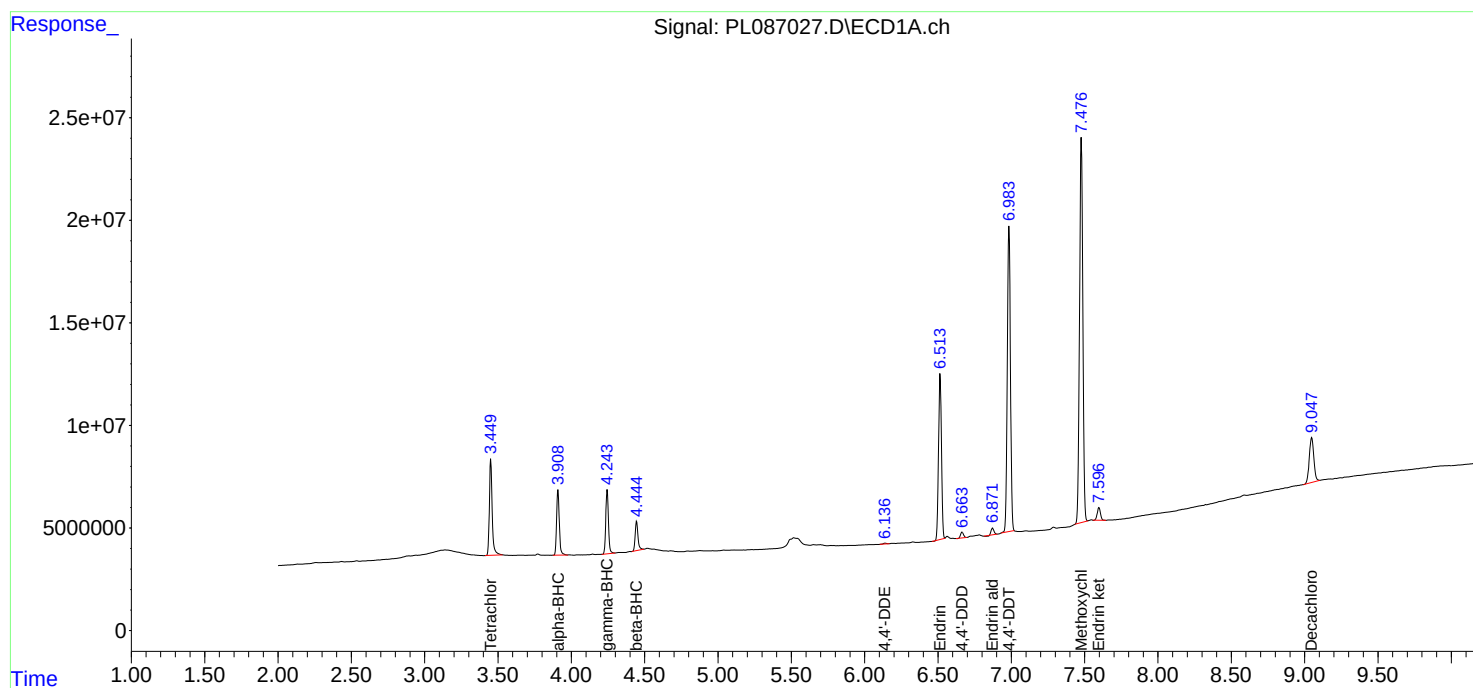
Instrument :
ECD_L
ClientSampleId :
PEM

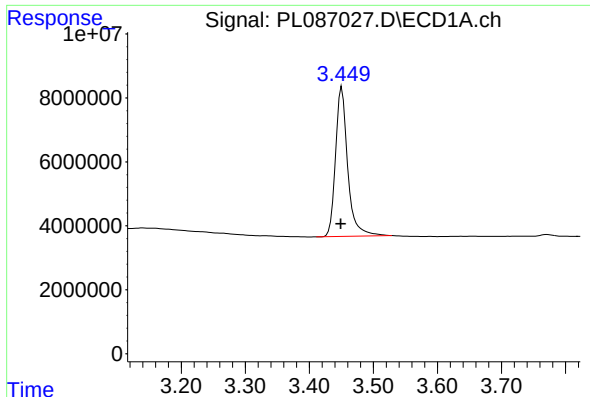
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120623.M
Quant Title : GC Extractables
QLast Update : Thu Dec 07 00:53:18 2023
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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





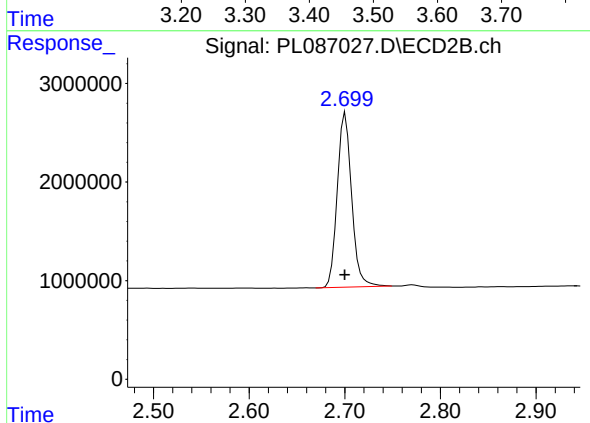
#1 Tetrachloro-m-xylene

R.T.: 3.451 min
Delta R.T.: 0.002 min
Response: 61656078
Conc: 19.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

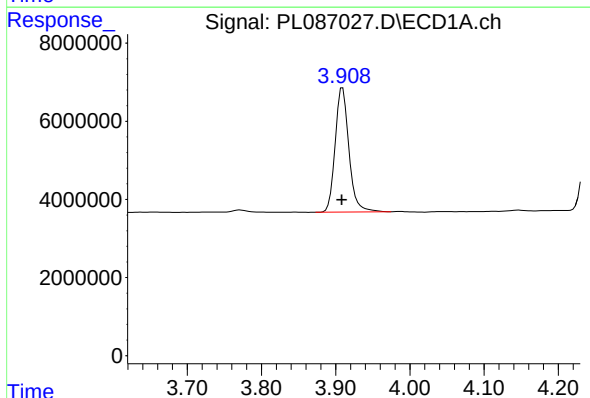
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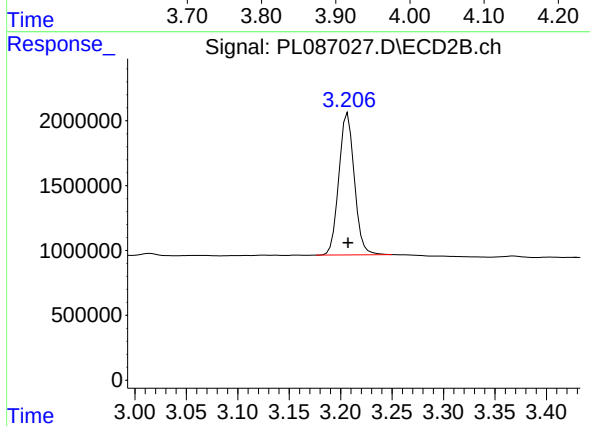
#1 Tetrachloro-m-xylene

R.T.: 2.701 min
Delta R.T.: 0.000 min
Response: 18474243
Conc: 18.89 ng/ml



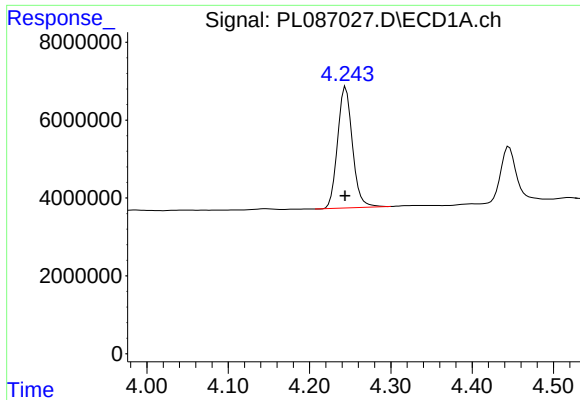
#2 alpha-BHC

R.T.: 3.909 min
Delta R.T.: 0.000 min
Response: 41028746
Conc: 9.12 ng/ml



#2 alpha-BHC

R.T.: 3.207 min
Delta R.T.: 0.000 min
Response: 11459365
Conc: 8.94 ng/ml



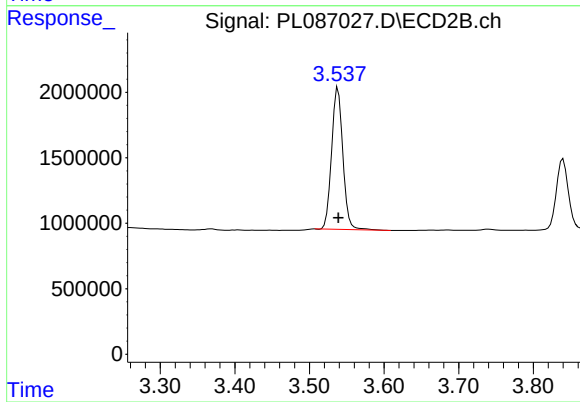
#3 gamma-BHC (Lindane)

R.T.: 4.245 min
Delta R.T.: 0.001 min
Response: 39605849
Conc: 9.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

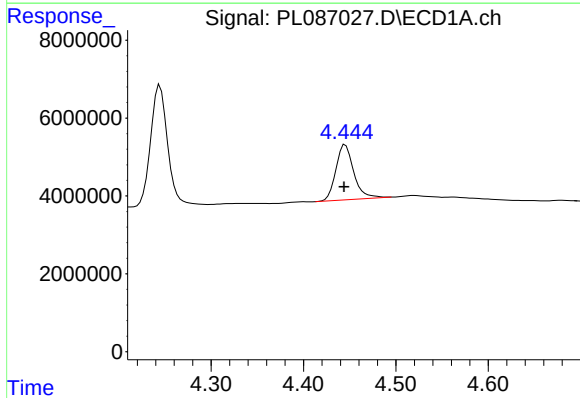
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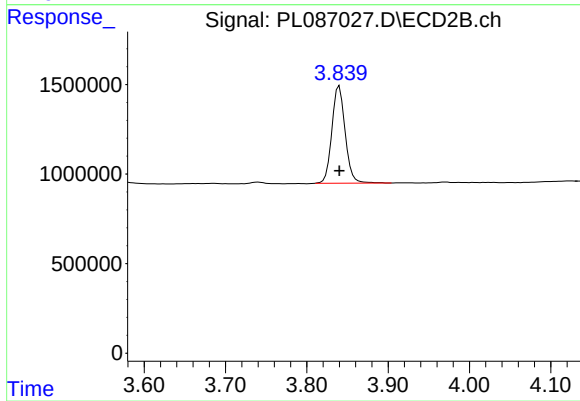
#3 gamma-BHC (Lindane)

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 11362374
Conc: 8.97 ng/ml



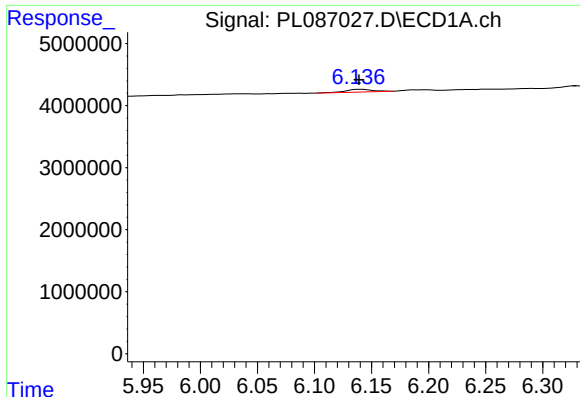
#6 beta-BHC

R.T.: 4.445 min
Delta R.T.: 0.001 min
Response: 19036840
Conc: 11.19 ng/ml



#6 beta-BHC

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 6181174
Conc: 10.89 ng/ml



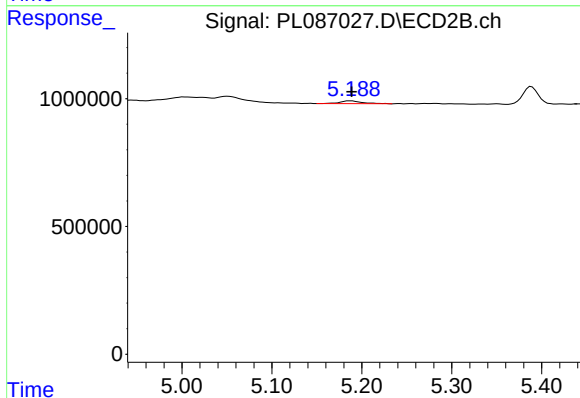
#12 4,4'-DDE

R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 689952
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

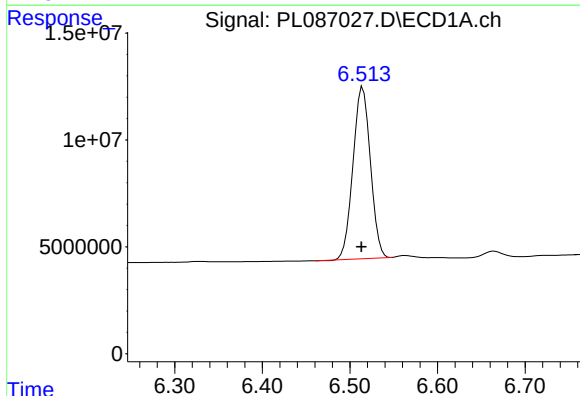
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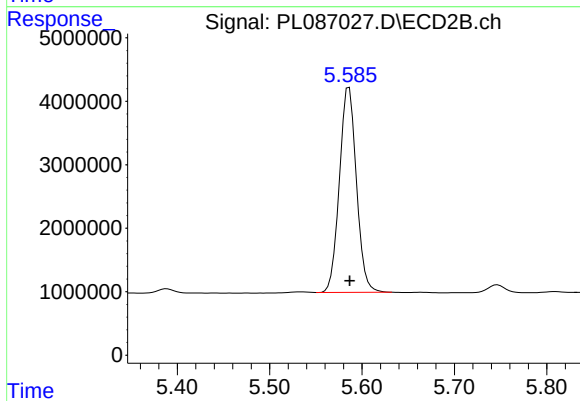
#12 4,4'-DDE

R.T.: 5.187 min
Delta R.T.: -0.002 min
Response: 186973
Conc: 0.21 ng/ml



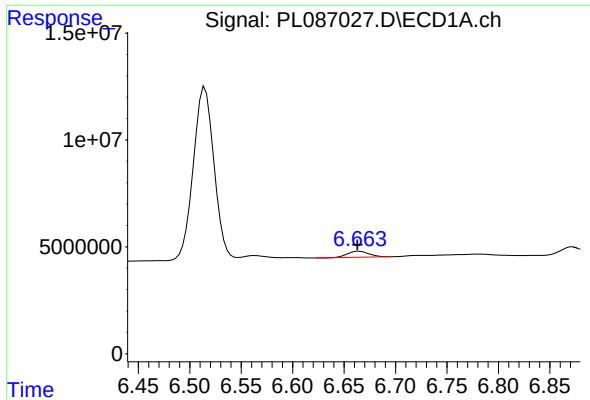
#14 Endrin

R.T.: 6.515 min
Delta R.T.: 0.002 min
Response: 110905087
Conc: 50.26 ng/ml



#14 Endrin

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 41414495
Conc: 50.77 ng/ml



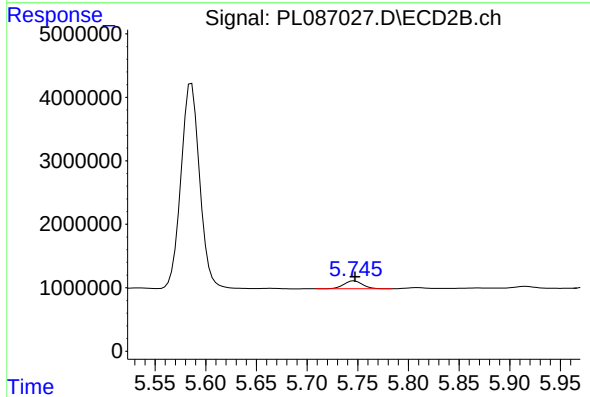
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: 0.001 min
Response: 3919908
Conc: 1.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

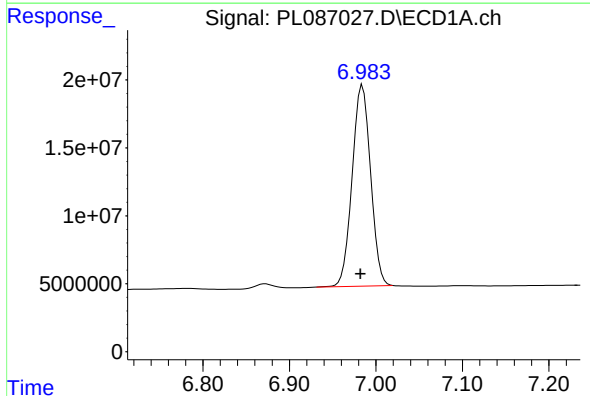
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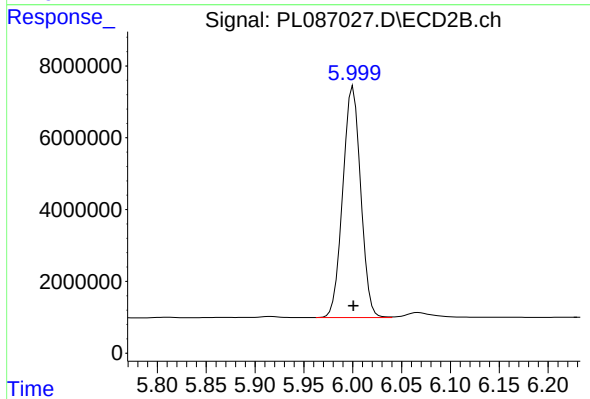
#16 4,4'-DDD

R.T.: 5.747 min
Delta R.T.: 0.000 min
Response: 1603841
Conc: 2.07 ng/ml



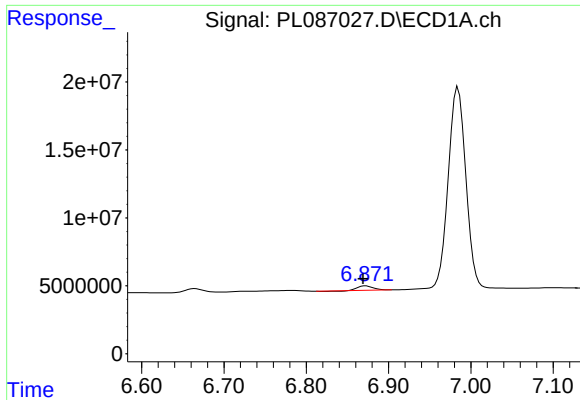
#17 4,4'-DDT

R.T.: 6.984 min
Delta R.T.: 0.002 min
Response: 219143514
Conc: 110.40 ng/ml



#17 4,4'-DDT

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 82236494
Conc: 108.31 ng/ml



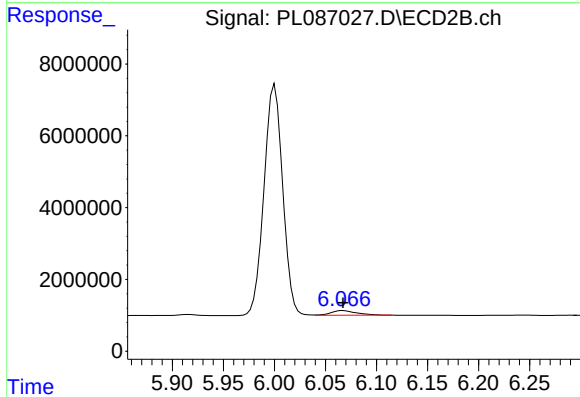
#18 Endrin aldehyde

R.T.: 6.872 min
Delta R.T.: 0.003 min
Response: 3969354
Conc: 2.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

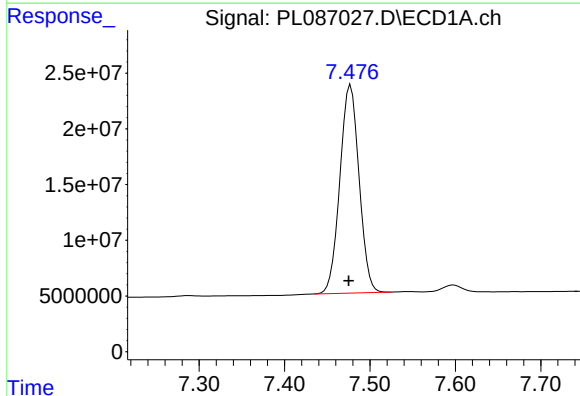
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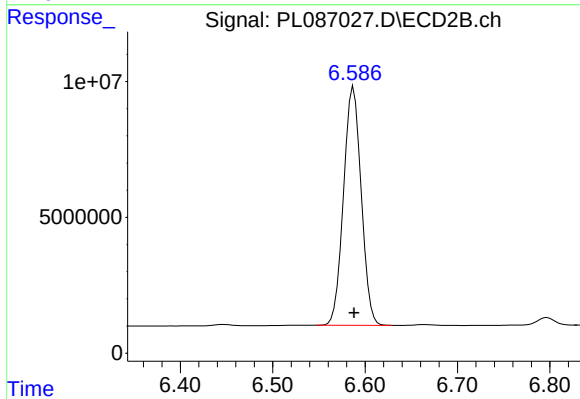
#18 Endrin aldehyde

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 2250783
Conc: 3.29 ng/ml m



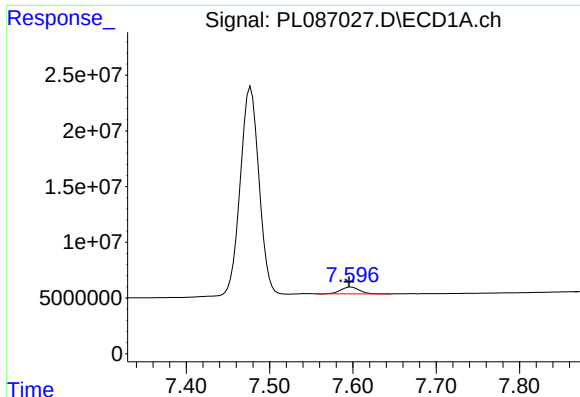
#20 Methoxychlor

R.T.: 7.477 min
Delta R.T.: 0.002 min
Response: 291576453
Conc: 273.91 ng/ml



#20 Methoxychlor

R.T.: 6.588 min
Delta R.T.: 0.000 min
Response: 116792036
Conc: 244.28 ng/ml



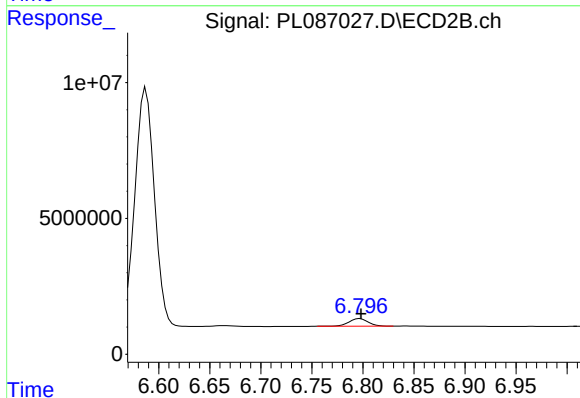
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.002 min
Response: 9328715
Conc: 3.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

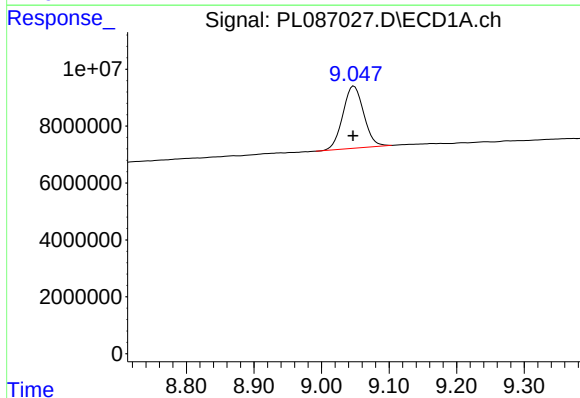
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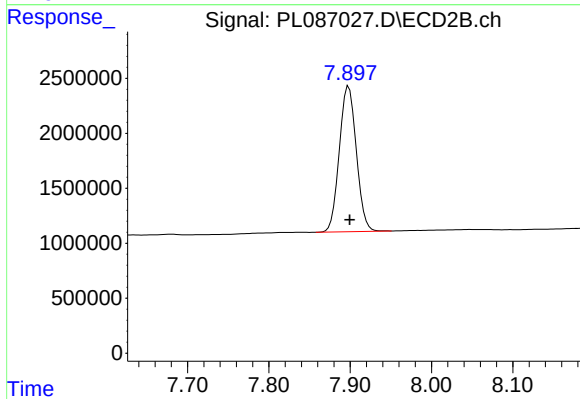
#21 Endrin ketone

R.T.: 6.797 min
Delta R.T.: -0.001 min
Response: 3610784
Conc: 3.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.048 min
Delta R.T.: 0.002 min
Response: 46773078
Conc: 20.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.898 min
Delta R.T.: -0.001 min
Response: 19248871
Conc: 20.00 ng/ml