

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121123\
 Data File : PL087073.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2023 19:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 21:48:07 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...	3.453	2.702	68484286	18791545	21.221	19.210
28)	SA Decachlor...	9.052	7.901	57197152	20037509	25.023	20.824
Target Compounds							
2)	A alpha-BHC	3.912	3.209	46060896	11907507	10.235	9.291
3)	MA gamma-BHC...	4.247	3.541	41276331	11752653	9.941	9.279
6)	B beta-BHC	4.448	3.843	19022211	6366454	11.186	11.222
14)	MA Endrin	6.518	5.589	144.0E6	45675991	65.238	55.990
16)	A 4,4'-DDD	6.669	5.749	1604062	417169	0.798	0.538 #
17)	MA 4,4'-DDT	6.987	6.003	290.9E6	95752818	146.553	126.112
18)	B Endrin al...	6.874	6.069	3954814	1891875	2.179m	2.763m#
20)	A Methoxychlor	7.480	6.590	381.4E6	133.8E6	358.328	279.940
21)	B Endrin ke...	7.598	6.797	7660727	2498248	3.004m	2.470m

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

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Acq On : 11 Dec 2023 19:40
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

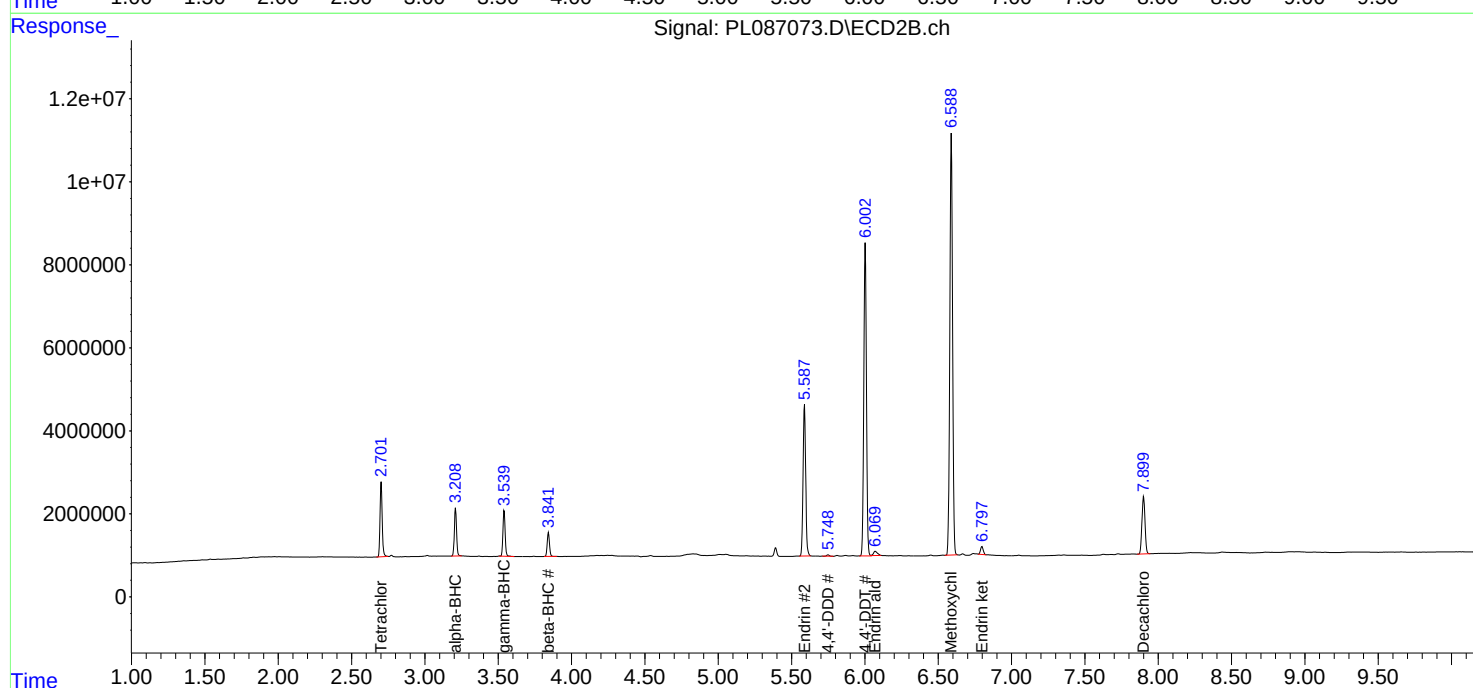
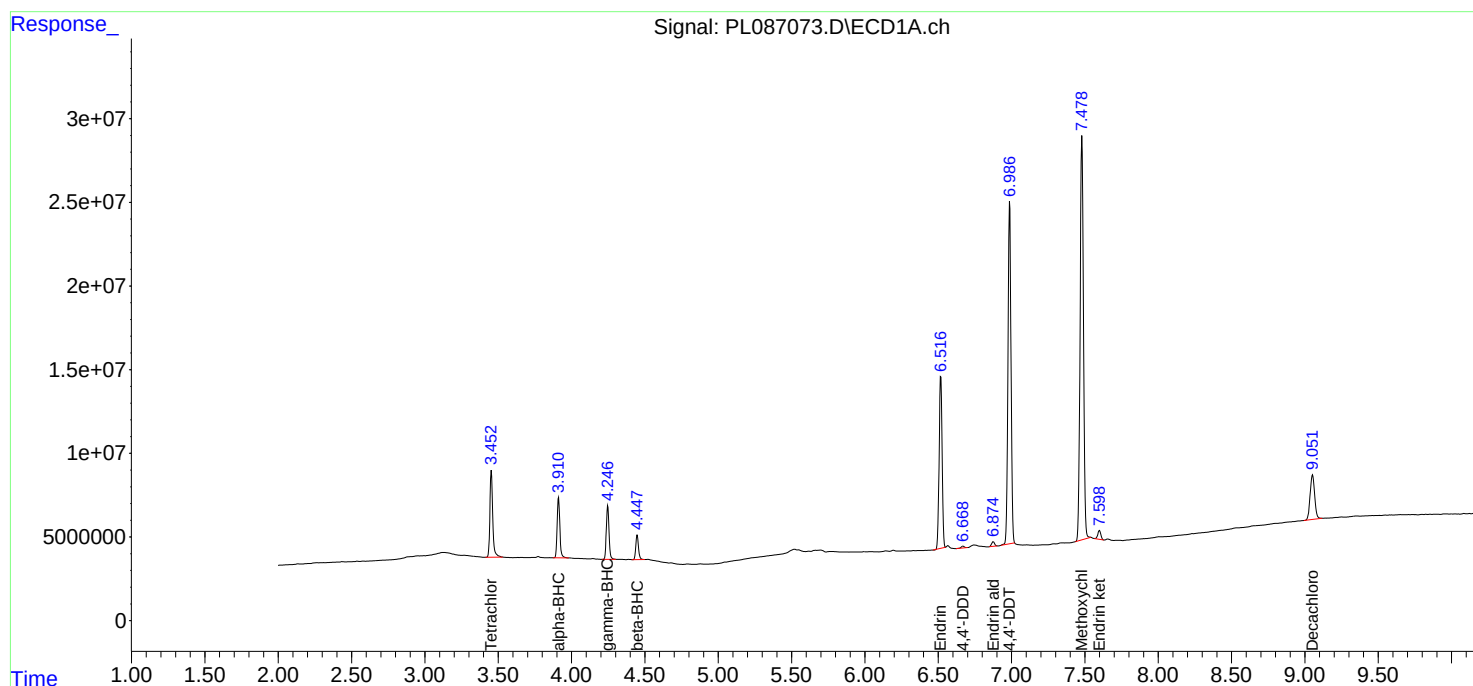
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PEM

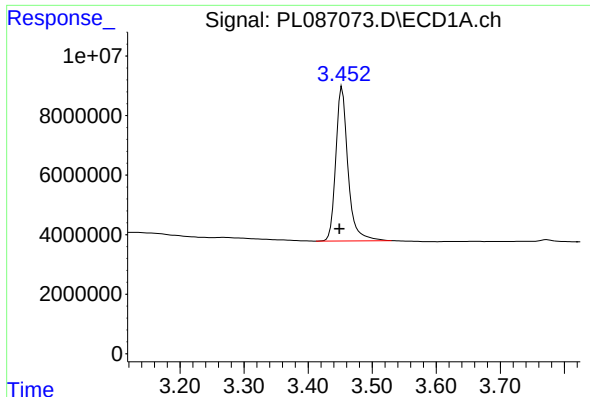
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120623.M
Quant Title : GC Extractables
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Volume Inj. : 1 µl
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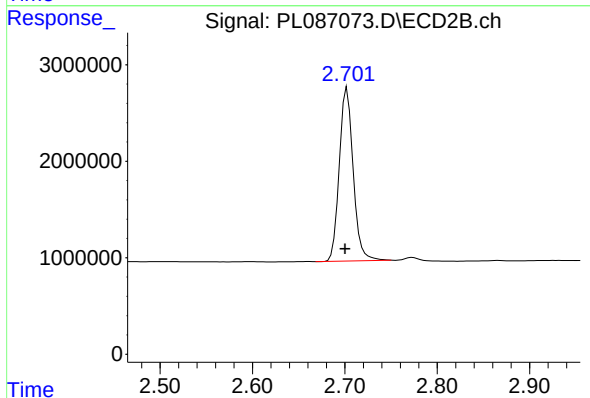
#1 Tetrachloro-m-xylene

R.T.: 3.453 min
Delta R.T.: 0.004 min
Response: 68484286
Conc: 21.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

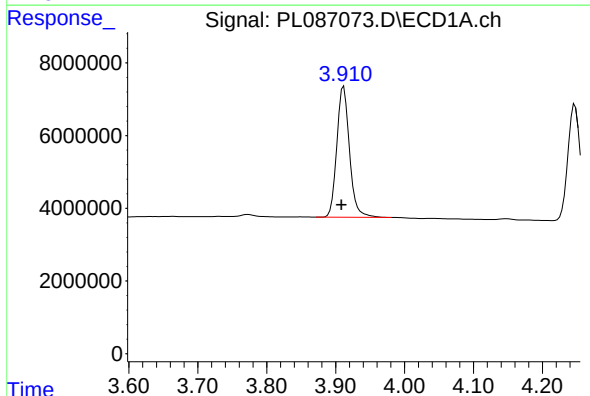
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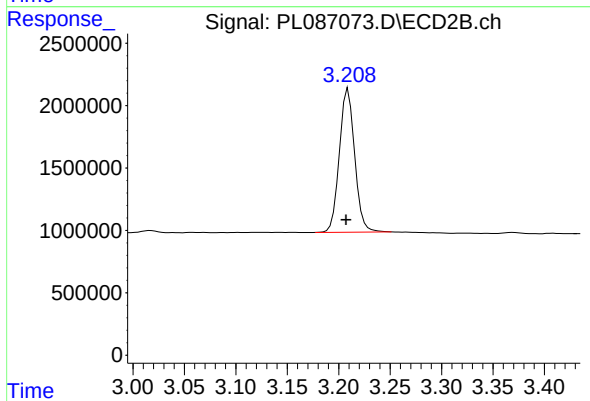
#1 Tetrachloro-m-xylene

R.T.: 2.702 min
Delta R.T.: 0.002 min
Response: 18791545
Conc: 19.21 ng/ml



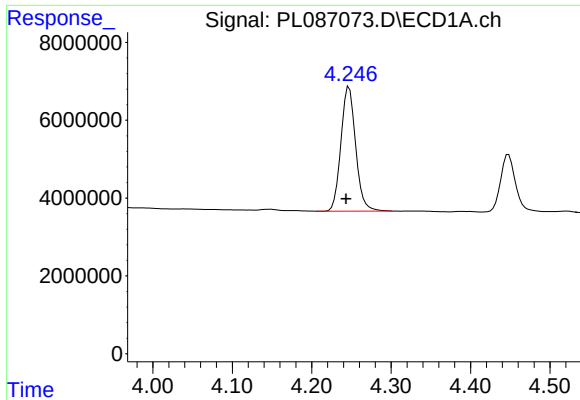
#2 alpha-BHC

R.T.: 3.912 min
Delta R.T.: 0.003 min
Response: 46060896
Conc: 10.24 ng/ml



#2 alpha-BHC

R.T.: 3.209 min
Delta R.T.: 0.002 min
Response: 11907507
Conc: 9.29 ng/ml



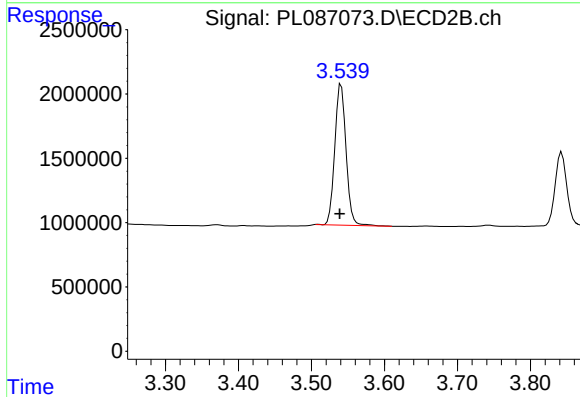
#3 gamma-BHC (Lindane)

R.T.: 4.247 min
Delta R.T.: 0.004 min
Response: 41276331
Conc: 9.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

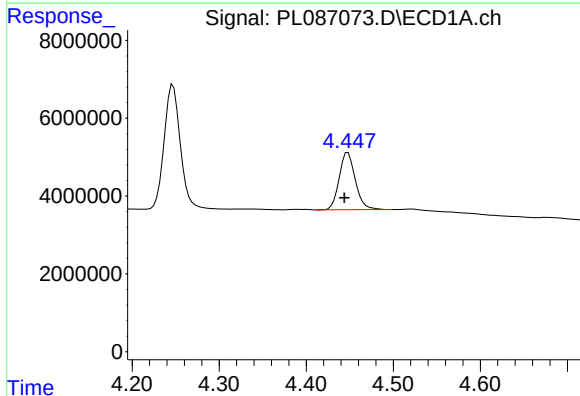
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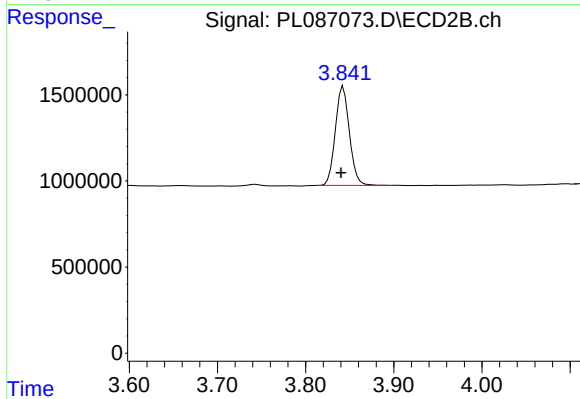
#3 gamma-BHC (Lindane)

R.T.: 3.541 min
Delta R.T.: 0.002 min
Response: 11752653
Conc: 9.28 ng/ml



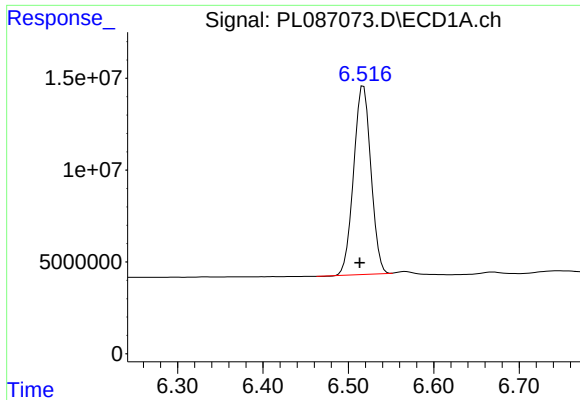
#6 beta-BHC

R.T.: 4.448 min
Delta R.T.: 0.004 min
Response: 19022211
Conc: 11.19 ng/ml



#6 beta-BHC

R.T.: 3.843 min
Delta R.T.: 0.003 min
Response: 6366454
Conc: 11.22 ng/ml



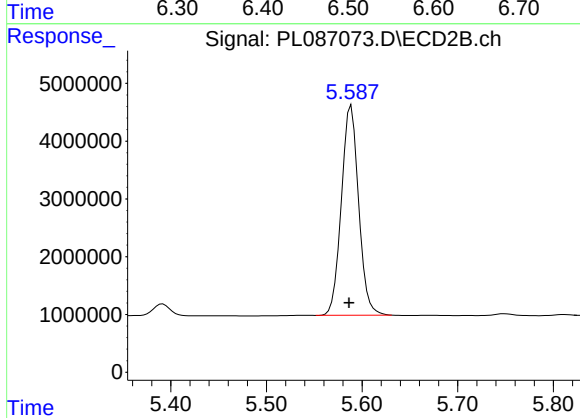
#14 Endrin

R.T.: 6.518 min
Delta R.T.: 0.005 min
Response: 143966546
Conc: 65.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

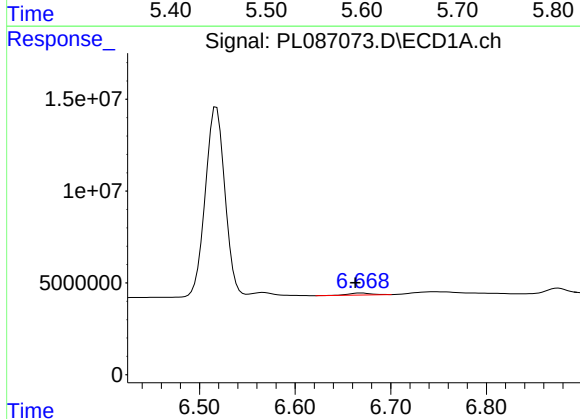
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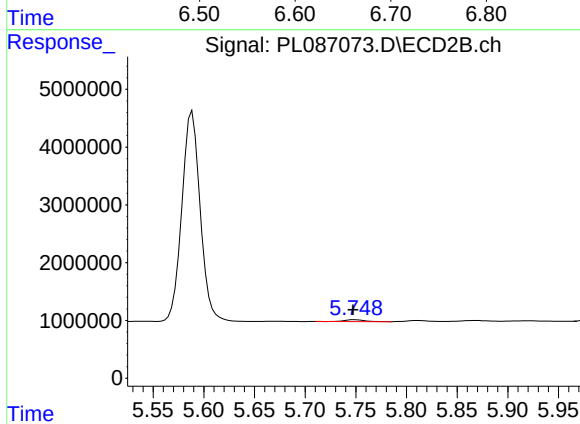
#14 Endrin

R.T.: 5.589 min
Delta R.T.: 0.002 min
Response: 45675991
Conc: 55.99 ng/ml



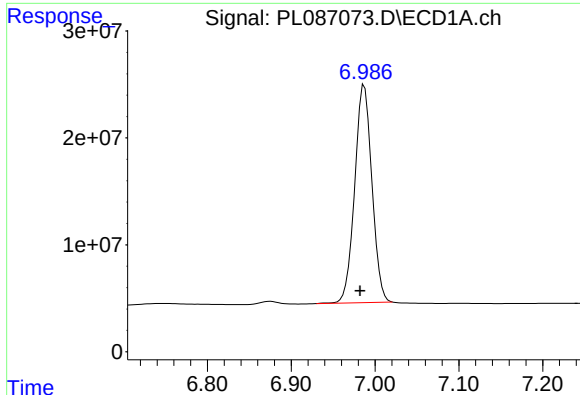
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.006 min
Response: 1604062
Conc: 0.80 ng/ml



#16 4,4'-DDD

R.T.: 5.749 min
Delta R.T.: 0.002 min
Response: 417169
Conc: 0.54 ng/ml



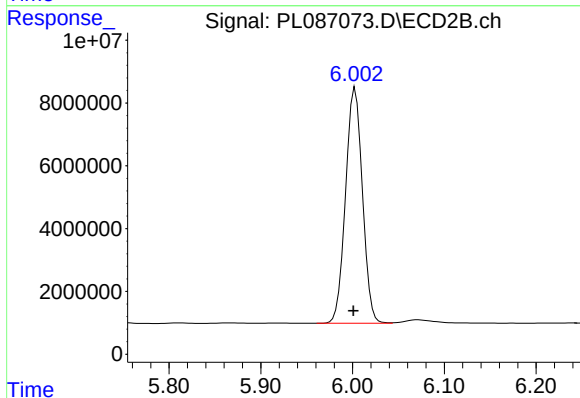
#17 4,4'-DDT

R.T.: 6.987 min
Delta R.T.: 0.005 min
Response: 290909105
Conc: 146.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

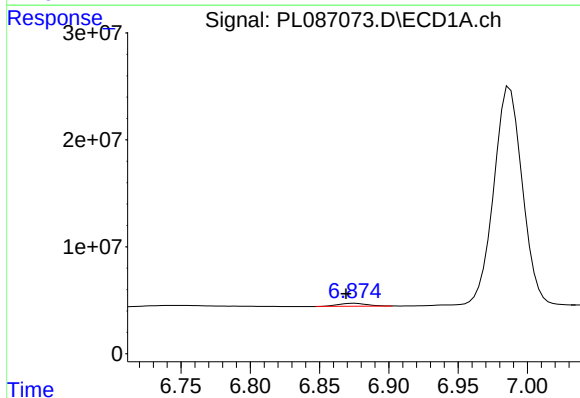
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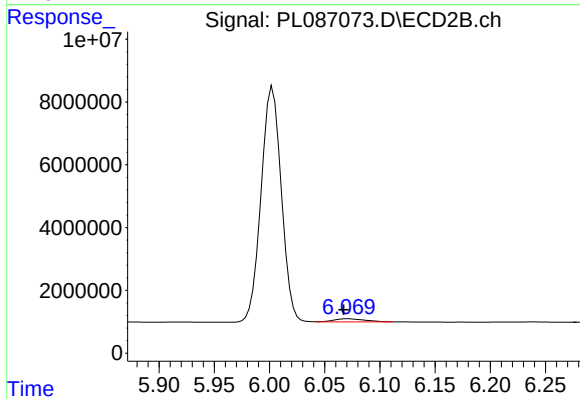
#17 4,4'-DDT

R.T.: 6.003 min
Delta R.T.: 0.002 min
Response: 95752818
Conc: 126.11 ng/ml



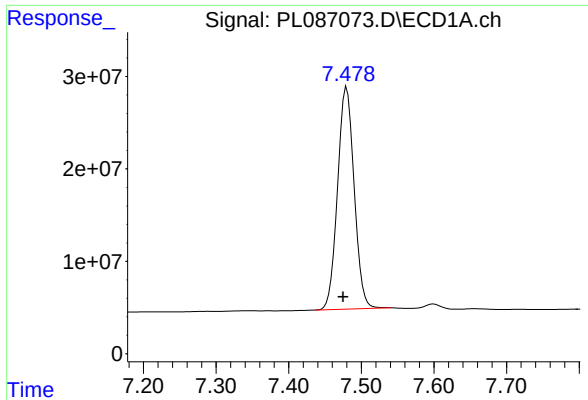
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: 0.004 min
Response: 3954814
Conc: 2.18 ng/ml m



#18 Endrin aldehyde

R.T.: 6.069 min
Delta R.T.: 0.002 min
Response: 1891875
Conc: 2.76 ng/ml m



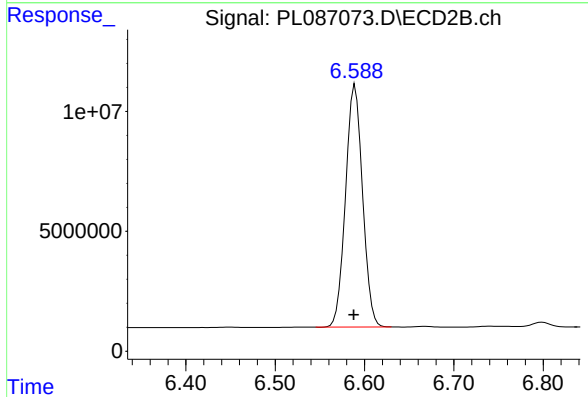
#20 Methoxychlor

R.T.: 7.480 min
Delta R.T.: 0.005 min
Response: 381443072
Conc: 358.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

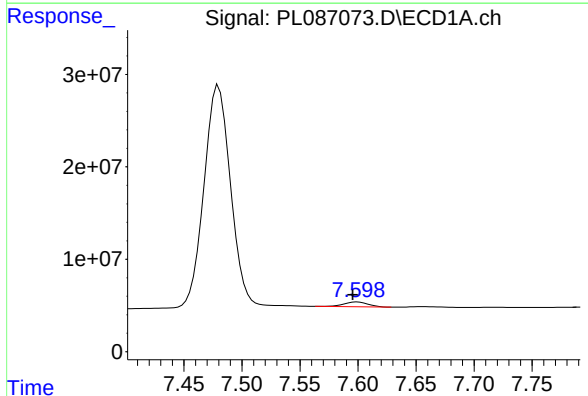
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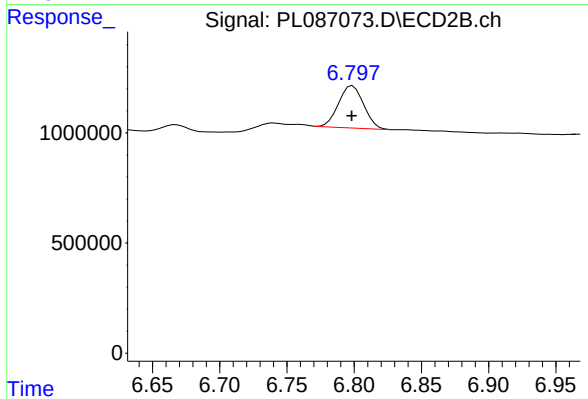
#20 Methoxychlor

R.T.: 6.590 min
Delta R.T.: 0.001 min
Response: 133842011
Conc: 279.94 ng/ml



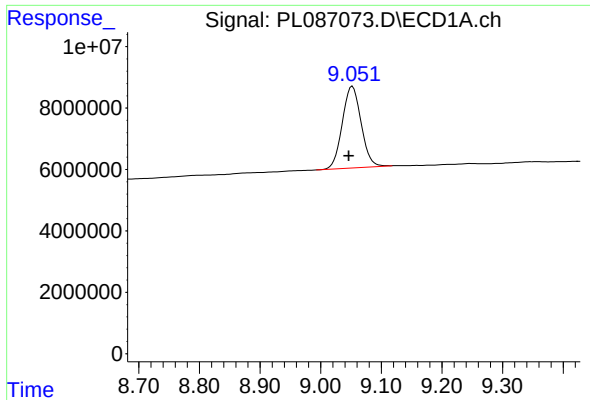
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.003 min
Response: 7660727
Conc: 3.00 ng/ml m



#21 Endrin ketone

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 2498248
Conc: 2.47 ng/ml m



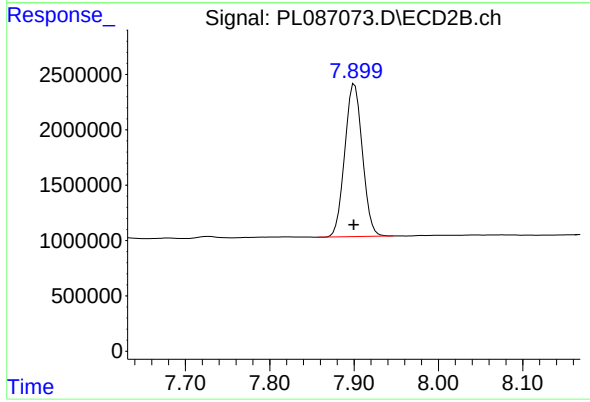
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.006 min
Response: 57197152
Conc: 25.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: 0.001 min
Response: 20037509
Conc: 20.82 ng/ml