

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061624\
 Data File : PL090178.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jun 2024 08:53
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/17/2024
 Supervised By : Ankita Jodhani 06/17/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 15 01:10:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052424.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 14:57:01 2024
 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...	3.550	2.794	41888502	28285411	20.007	19.727
28)	SA Decachlor...	9.063	7.938	27528341	26958921	18.722	18.142
Target Compounds							
2)	A alpha-BHC	4.005	3.298	31691654	18527737	10.629	8.667
3)	MA gamma-BHC...	4.337	3.627	30592927	18560654	10.527	8.874m
6)	B beta-BHC	4.532	3.926	14862296	9721043	11.379	10.626
12)	B 4,4'-DDE	6.201	5.255	473395	178465	0.218	0.107m#
14)	MA Endrin	6.583	5.662	89402943	72986113	44.469	44.559
16)	A 4,4'-DDD	6.716	5.809	2360315	1621278	1.347m	1.150
17)	MA 4,4'-DDT	7.032	6.060	156.5E6	147.0E6	84.980	96.786
18)	B Endrin al...	6.931	6.135	2489799	2245023	1.606	1.850
20)	A Methoxychlor	7.506	6.635	203.1E6	190.2E6	206.771	213.862
21)	B Endrin ke...	7.649	6.861	4722236	3793485	2.243	2.082m

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

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Acq On : 14 Jun 2024 08:53
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

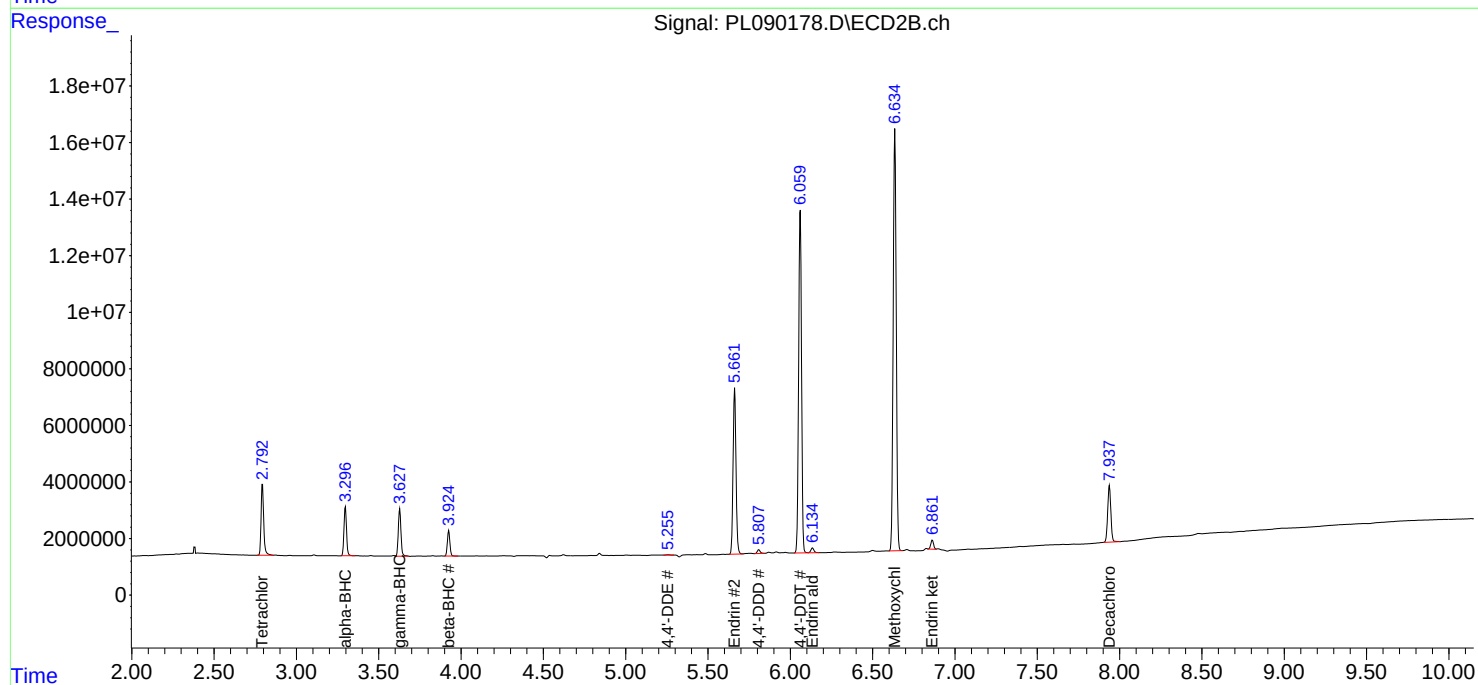
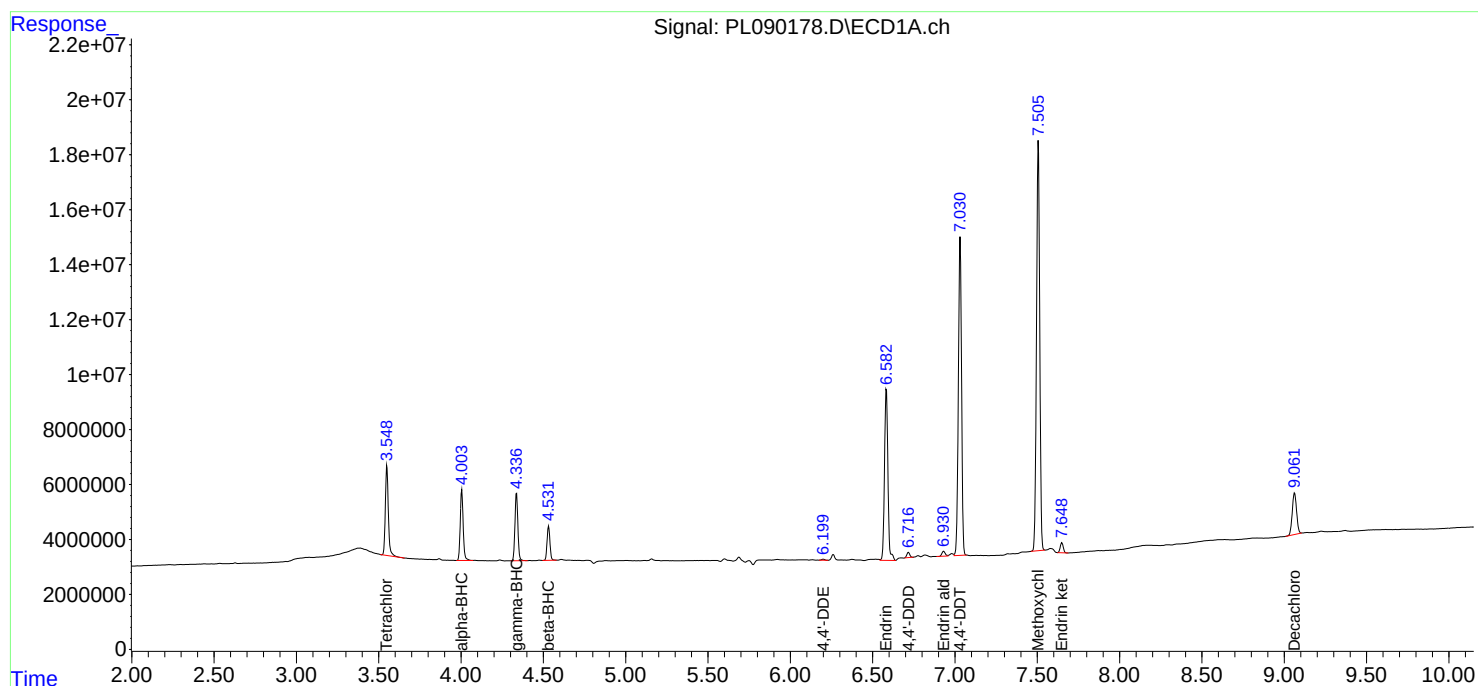
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ECD_L
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PEM

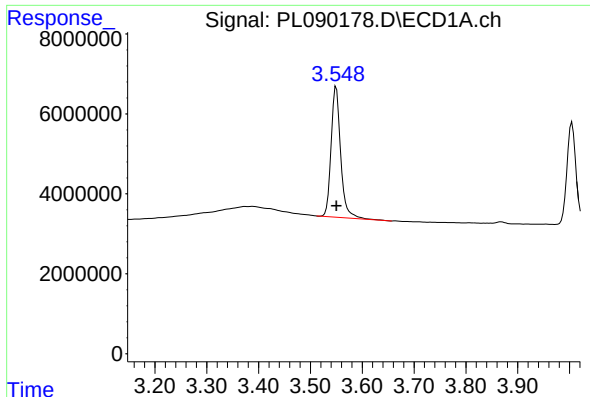
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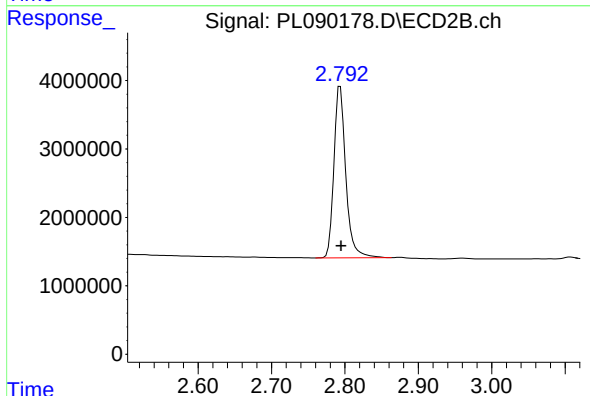
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 41888502
Conc: 20.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

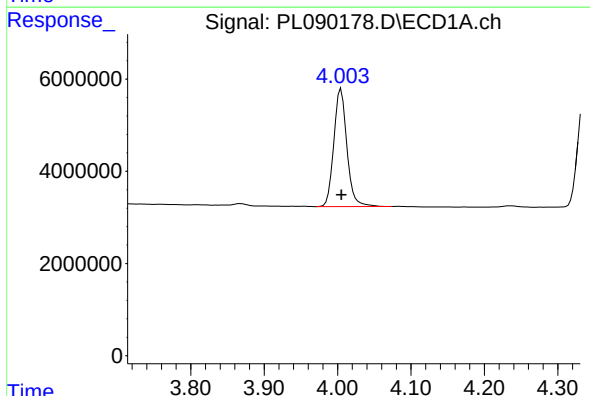
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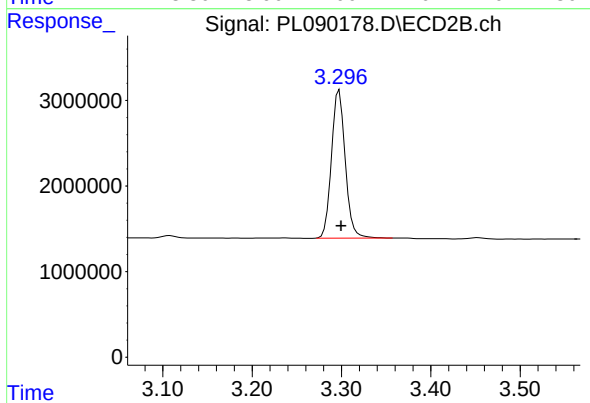
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: 0.000 min
Response: 28285411
Conc: 19.73 ng/ml



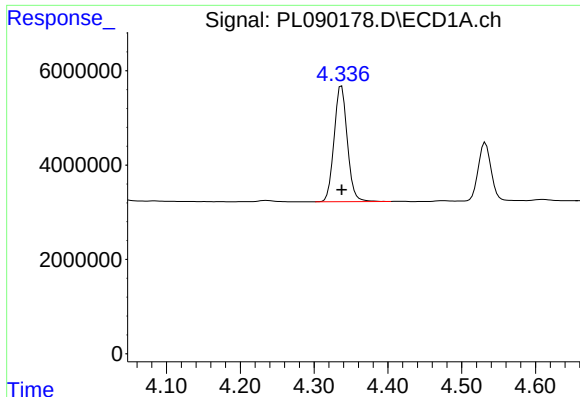
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 31691654
Conc: 10.63 ng/ml



#2 alpha-BHC

R.T.: 3.298 min
Delta R.T.: -0.002 min
Response: 18527737
Conc: 8.67 ng/ml



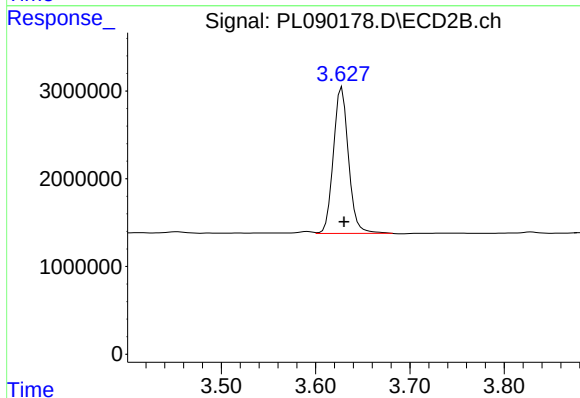
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 30592927
Conc: 10.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

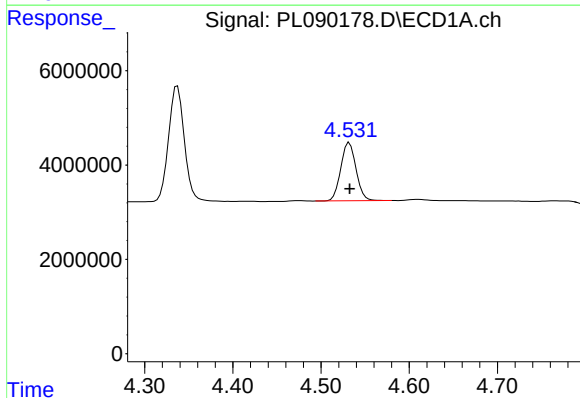
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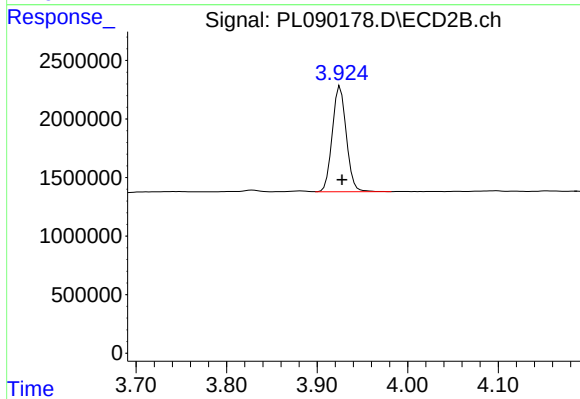
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: -0.004 min
Response: 18560654
Conc: 8.87 ng/ml m



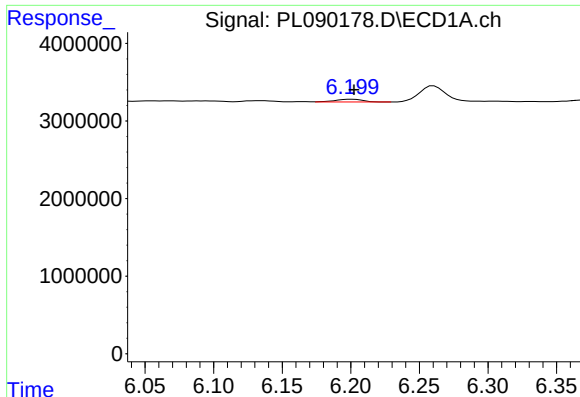
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 14862296
Conc: 11.38 ng/ml



#6 beta-BHC

R.T.: 3.926 min
Delta R.T.: -0.002 min
Response: 9721043
Conc: 10.63 ng/ml



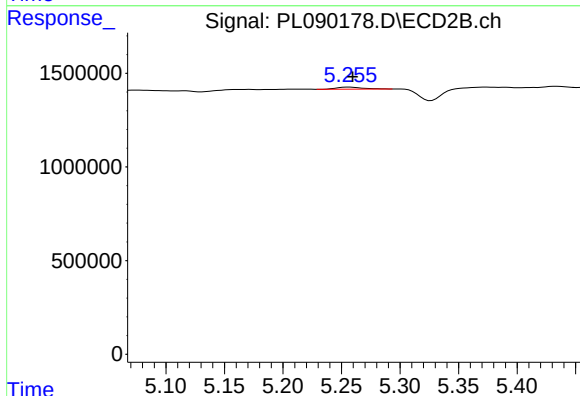
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: -0.001 min
Response: 473395
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

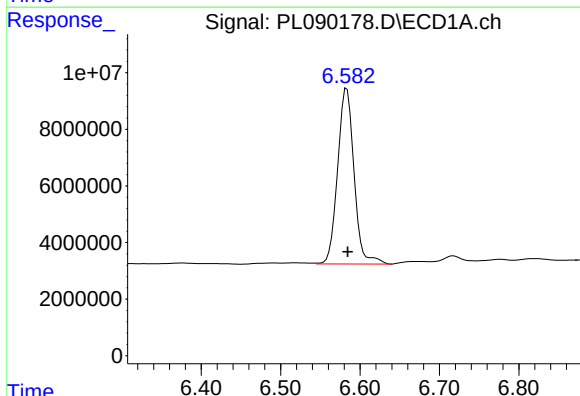
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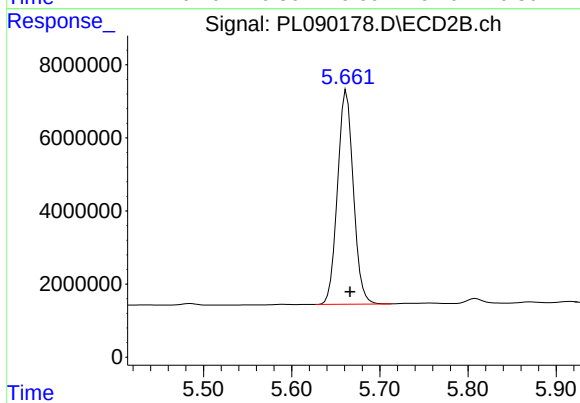
#12 4,4'-DDE

R.T.: 5.255 min
Delta R.T.: -0.004 min
Response: 178465
Conc: 0.11 ng/ml m



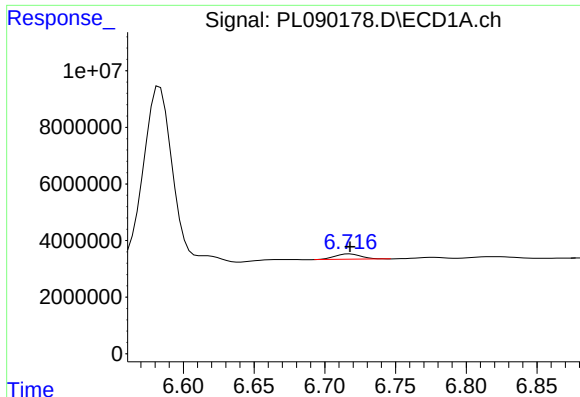
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 89402943
Conc: 44.47 ng/ml



#14 Endrin

R.T.: 5.662 min
Delta R.T.: -0.004 min
Response: 72986113
Conc: 44.56 ng/ml



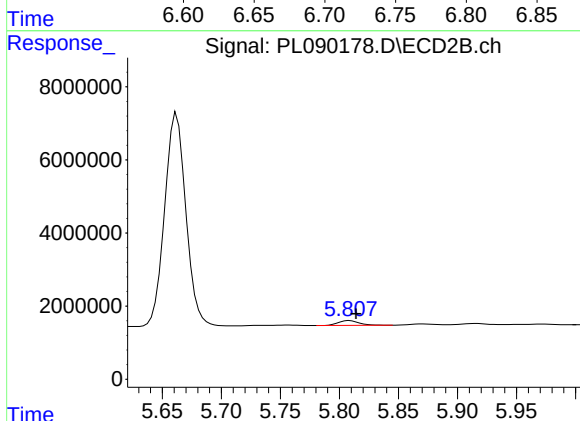
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: -0.002 min
Response: 2360315
Conc: 1.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

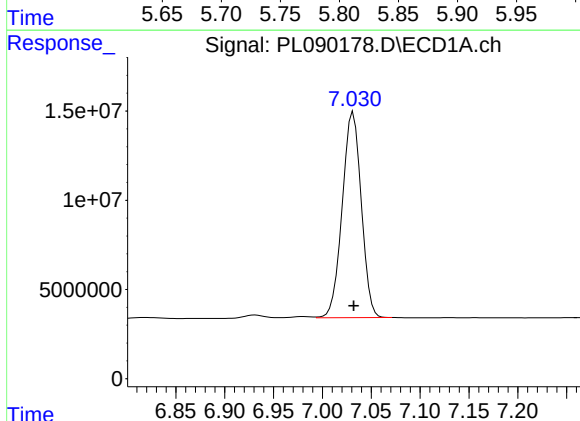
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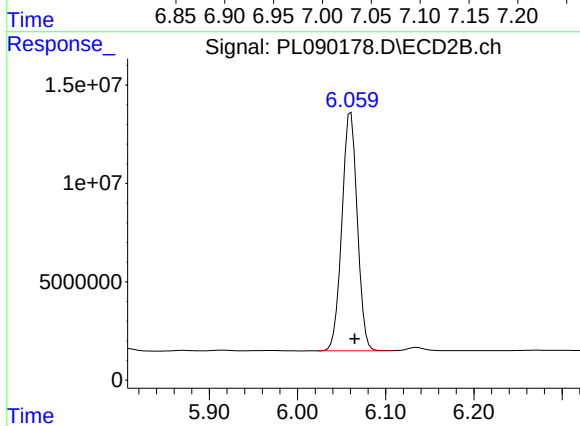
#16 4,4'-DDD

R.T.: 5.809 min
Delta R.T.: -0.005 min
Response: 1621278
Conc: 1.15 ng/ml



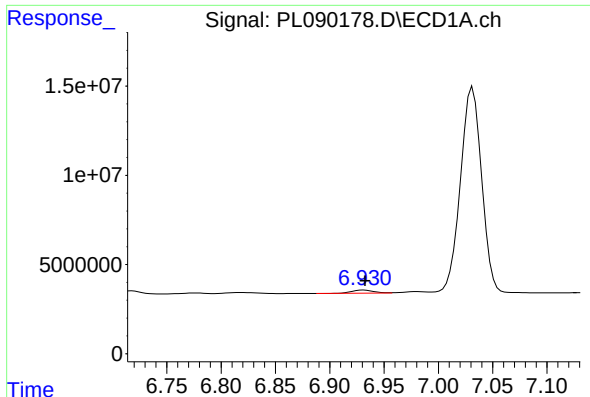
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 156455800
Conc: 84.98 ng/ml



#17 4,4'-DDT

R.T.: 6.060 min
Delta R.T.: -0.004 min
Response: 146978824
Conc: 96.79 ng/ml



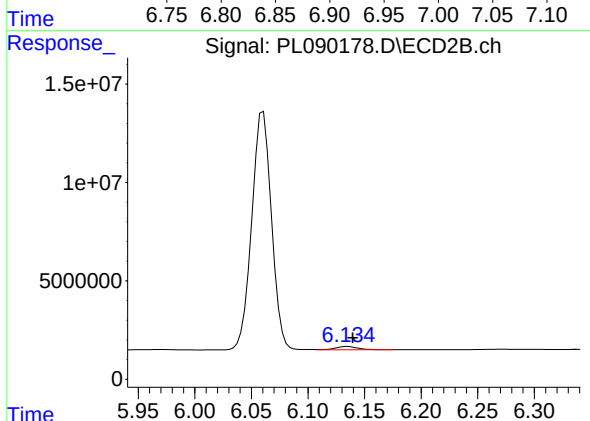
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: -0.001 min
Response: 2489799
Conc: 1.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

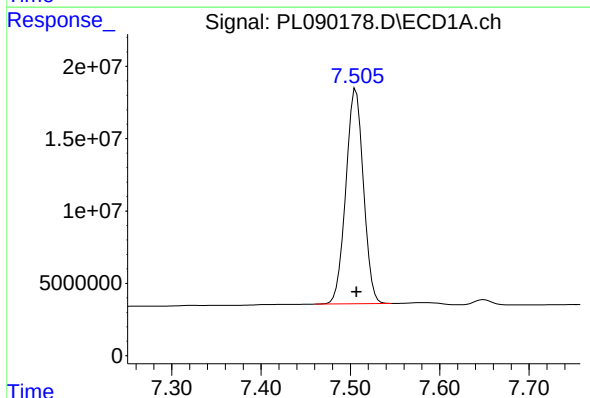
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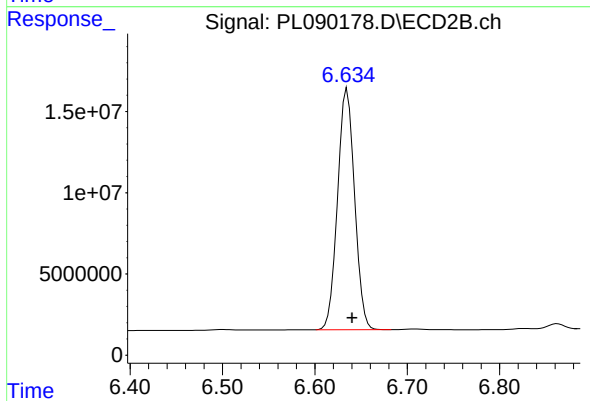
#18 Endrin aldehyde

R.T.: 6.135 min
Delta R.T.: -0.005 min
Response: 2245023
Conc: 1.85 ng/ml



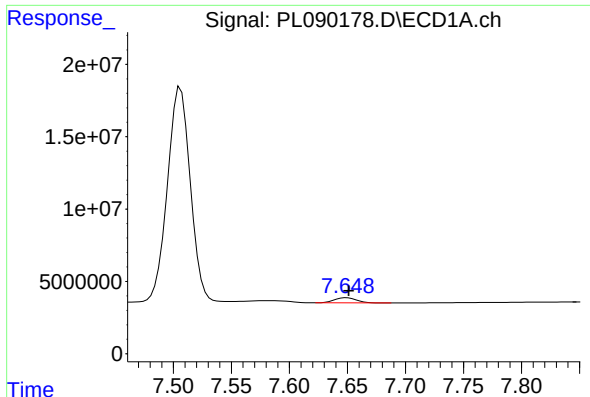
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 203086138
Conc: 206.77 ng/ml



#20 Methoxychlor

R.T.: 6.635 min
Delta R.T.: -0.005 min
Response: 190247655
Conc: 213.86 ng/ml



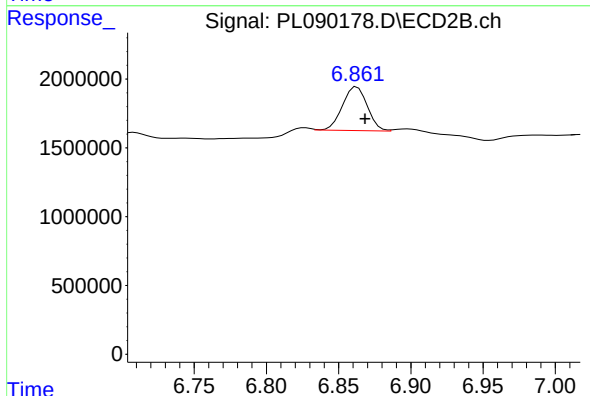
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 4722236
Conc: 2.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

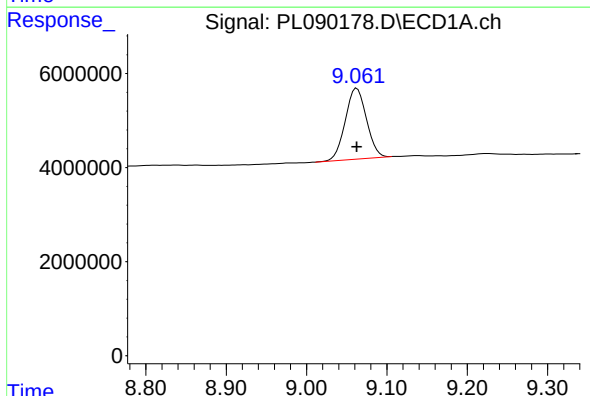
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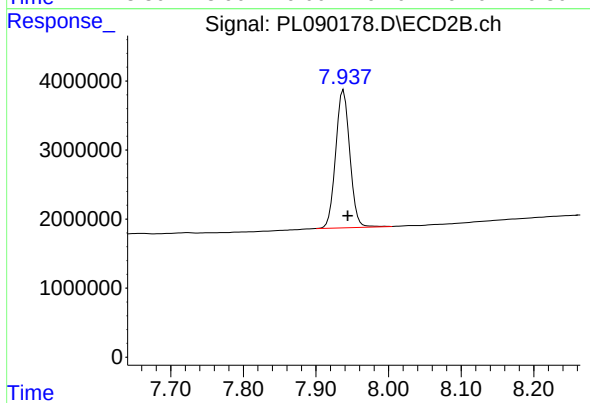
#21 Endrin ketone

R.T.: 6.861 min
Delta R.T.: -0.007 min
Response: 3793485
Conc: 2.08 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 27528341
Conc: 18.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.938 min
Delta R.T.: -0.006 min
Response: 26958921
Conc: 18.14 ng/ml