

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010924\
 Data File : PL087688.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jan 2024 08:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/10/2024
 Supervised By :Ankita Jodhani 01/10/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 00:52:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 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...	3.420	2.675	59493005	23875935	19.872	19.710
28)	SA Decachlor...	8.979	7.862	60867672	26605538	21.372	21.002
Target Compounds							
2)	A alpha-BHC	3.876	3.178	40638816	15877168	9.057	8.614
3)	MA gamma-BHC...	4.210	3.508	39380596	14968062	9.029	8.237
6)	B beta-BHC	4.410	3.810	19608565	7851822	10.540	10.266
12)	B 4,4'-DDE	6.097	5.155	536362	184170	0.168	0.137m
14)	MA Endrin	6.471	5.552	133.6E6	62185591	42.548	43.855
16)	A 4,4'-DDD	6.617	5.712	4302410	1592094	1.669	1.412
17)	MA 4,4'-DDT	6.934	5.965	285.0E6	129.0E6	99.649	103.661
18)	B Endrin al...	6.824	6.031	4399350	3611752	1.749	3.108m#
20)	A Methoxychlor	7.419	6.551	377.2E6	166.8E6	232.327	226.555
21)	B Endrin ke...	7.547	6.762	9298581	4392175	2.859	2.865

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

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Acq On : 09 Jan 2024 08:49
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

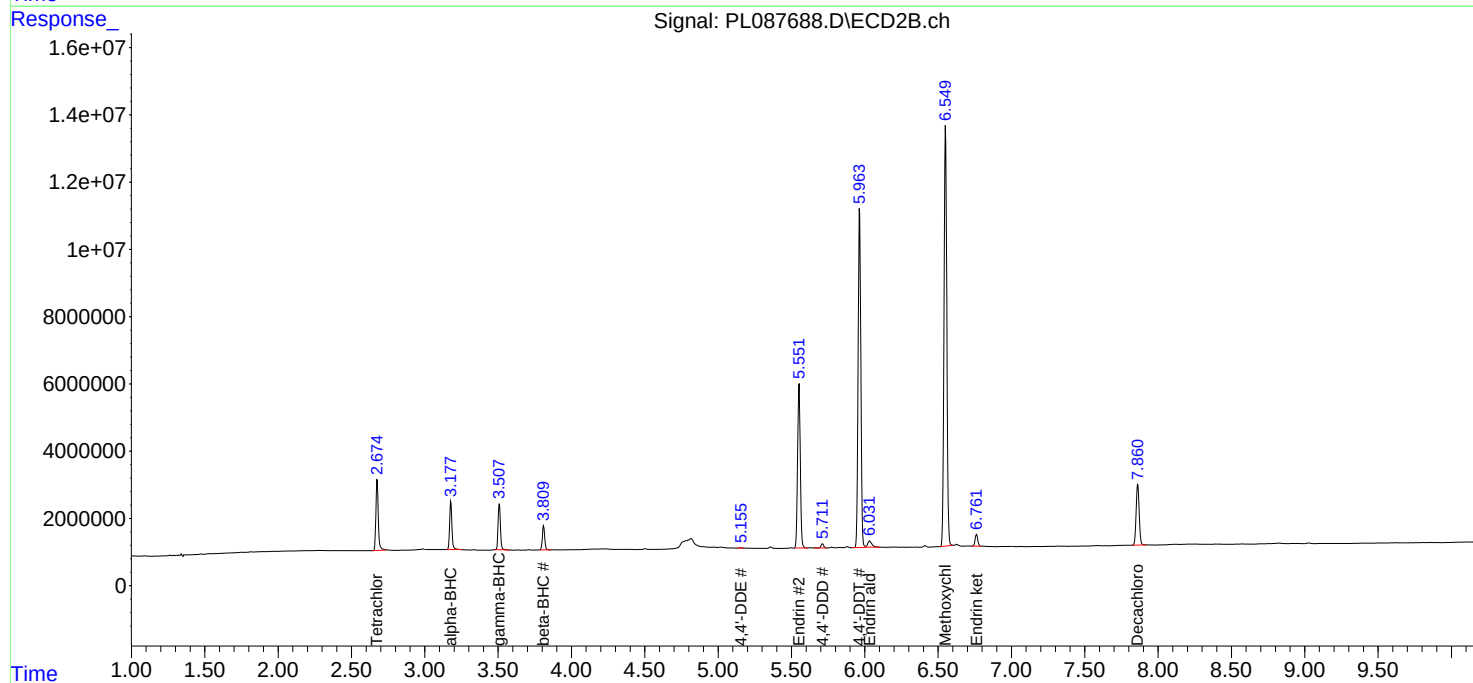
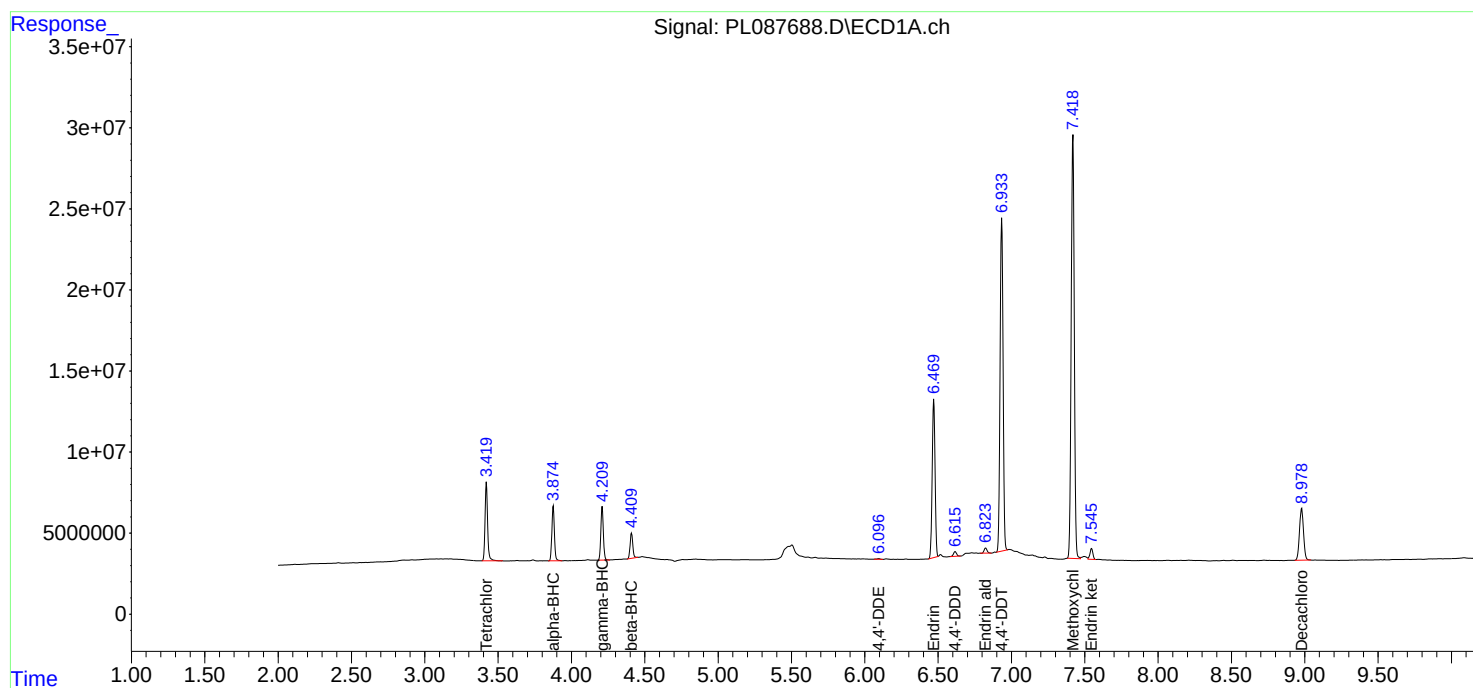
Instrument :
ECD_L
ClientSampleId :
PEM

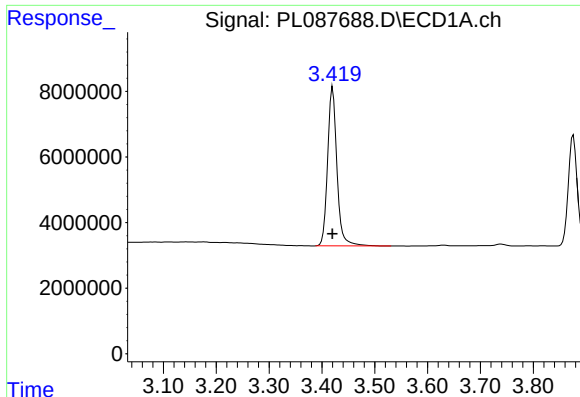
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
Quant Title : GC Extractables
QLast Update : Fri Dec 29 03:17:47 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





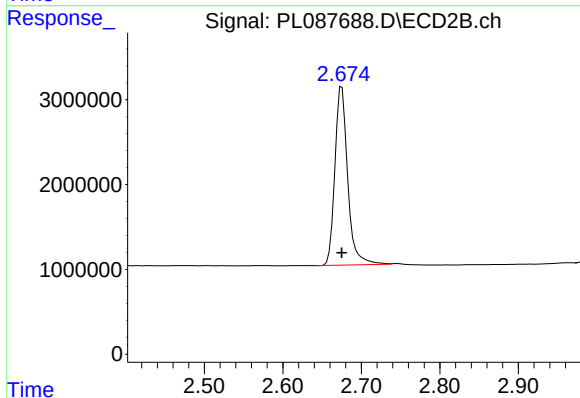
#1 Tetrachloro-m-xylene

R.T.: 3.420 min
Delta R.T.: 0.000 min
Response: 59493005
Conc: 19.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

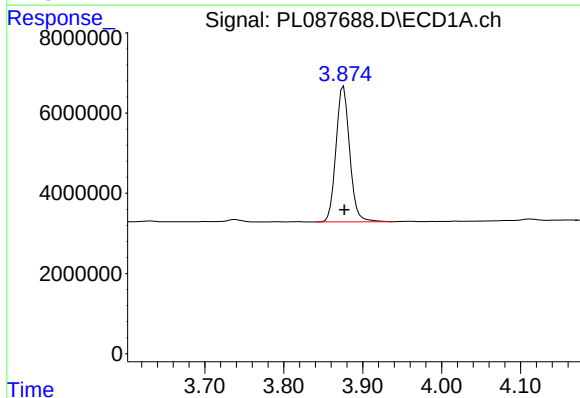
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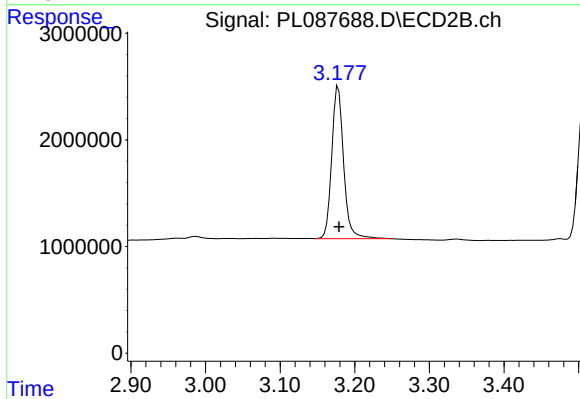
#1 Tetrachloro-m-xylene

R.T.: 2.675 min
Delta R.T.: 0.000 min
Response: 23875935
Conc: 19.71 ng/ml



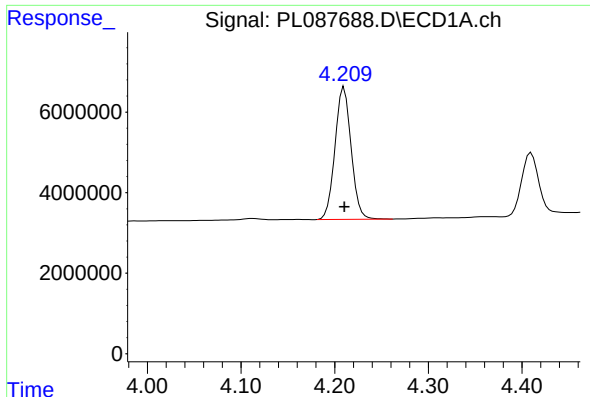
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 40638816
Conc: 9.06 ng/ml



#2 alpha-BHC

R.T.: 3.178 min
Delta R.T.: -0.001 min
Response: 15877168
Conc: 8.61 ng/ml



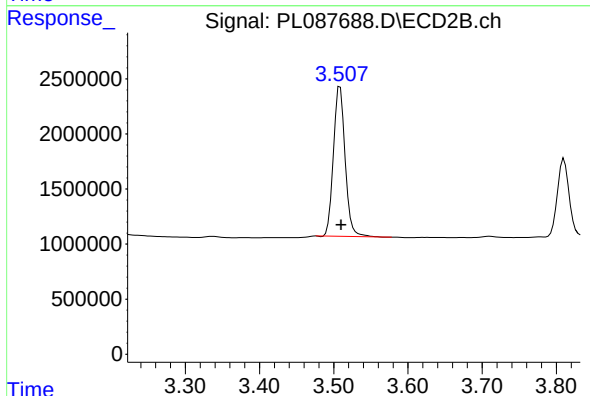
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 39380596
Conc: 9.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

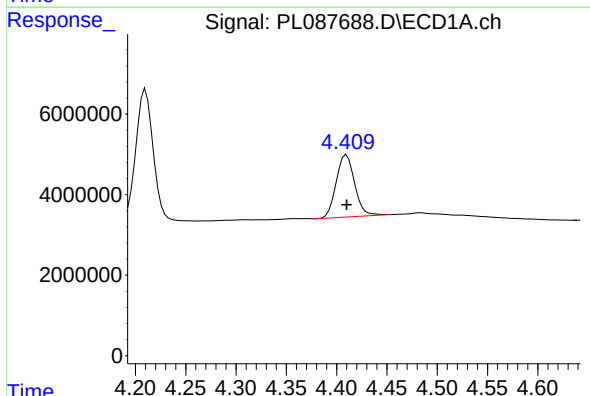
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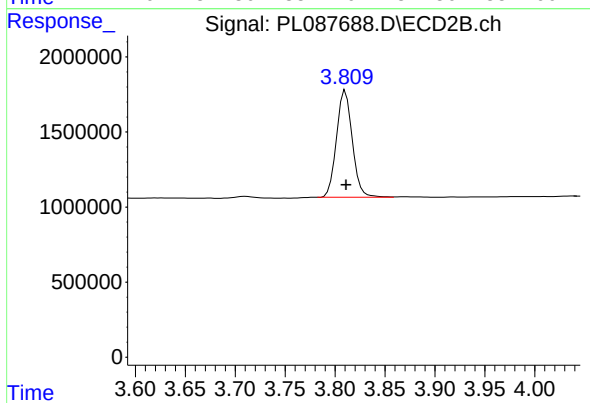
#3 gamma-BHC (Lindane)

R.T.: 3.508 min
Delta R.T.: -0.001 min
Response: 14968062
Conc: 8.24 ng/ml



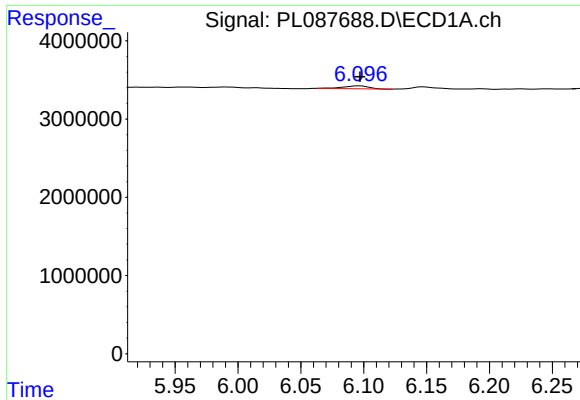
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 19608565
Conc: 10.54 ng/ml



#6 beta-BHC

R.T.: 3.810 min
Delta R.T.: 0.000 min
Response: 7851822
Conc: 10.27 ng/ml



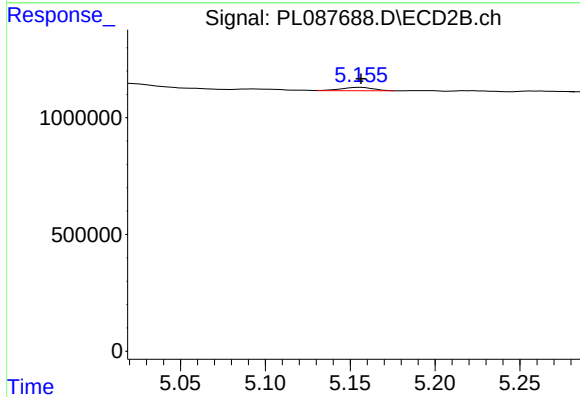
#12 4,4'-DDE

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 536362
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#12 4,4'-DDE

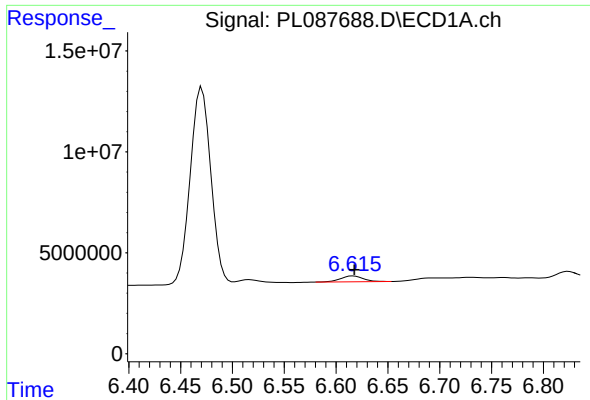
R.T.: 5.155 min
Delta R.T.: -0.002 min
Response: 184170
Conc: 0.14 ng/ml m

#14 Endrin

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 133639299
Conc: 42.55 ng/ml

#14 Endrin

R.T.: 5.552 min
Delta R.T.: -0.002 min
Response: 62185591
Conc: 43.85 ng/ml



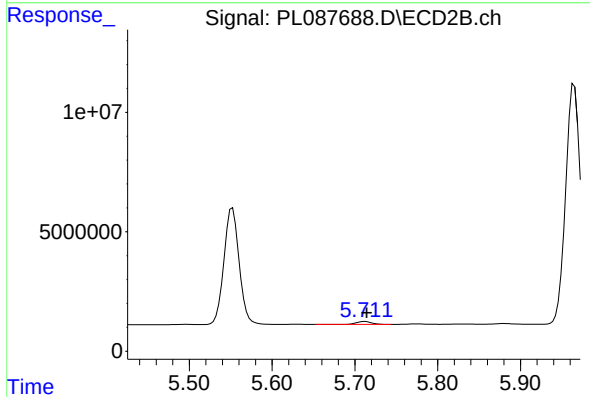
#16 4,4'-DDD

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 4302410
Conc: 1.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

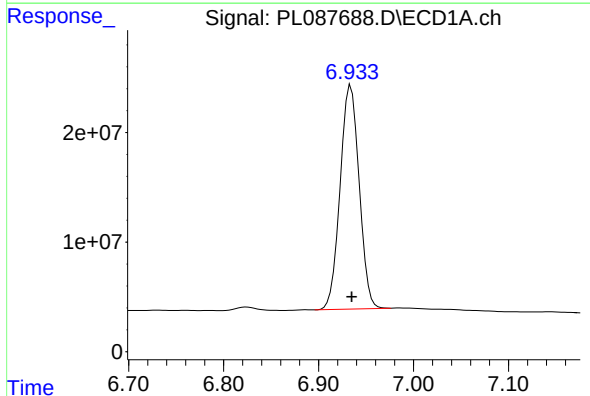
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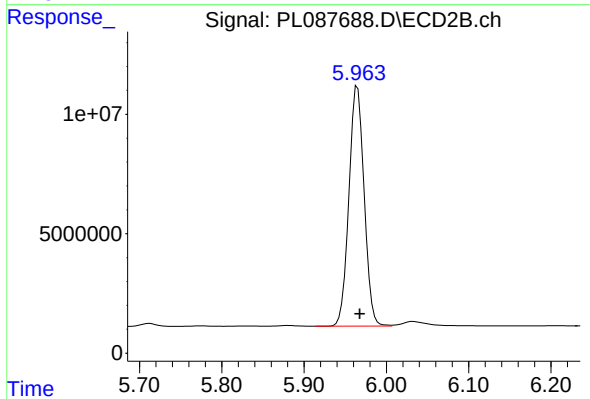
#16 4,4'-DDD

R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 1592094
Conc: 1.41 ng/ml



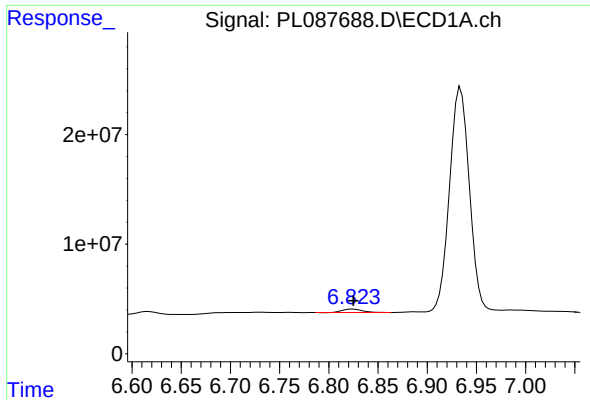
#17 4,4'-DDT

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 284952515
Conc: 99.65 ng/ml



#17 4,4'-DDT

R.T.: 5.965 min
Delta R.T.: -0.003 min
Response: 129014771
Conc: 103.66 ng/ml



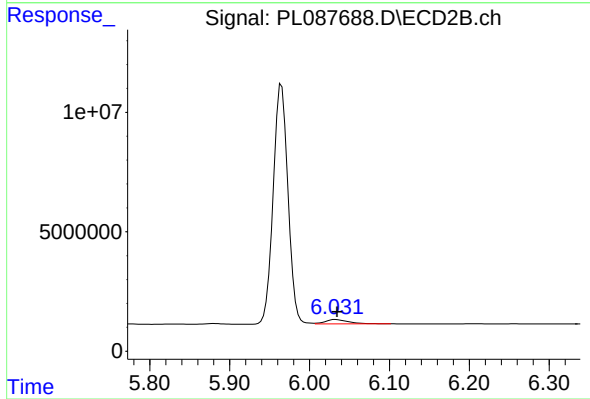
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: 0.000 min
Response: 4399350
Conc: 1.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

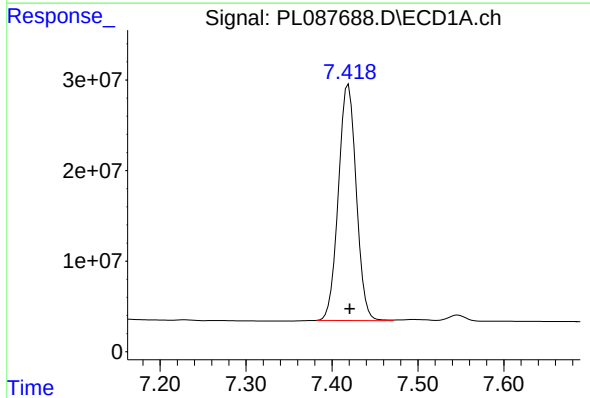
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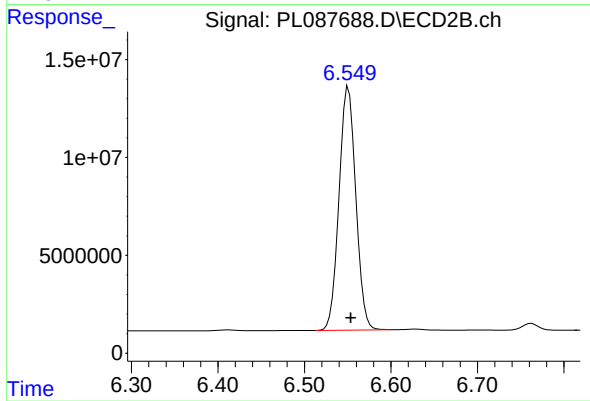
#18 Endrin aldehyde

R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 3611752
Conc: 3.11 ng/ml m



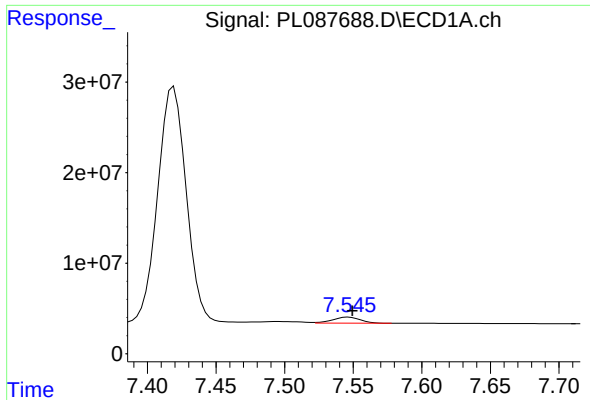
#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: -0.001 min
Response: 377202151
Conc: 232.33 ng/ml



#20 Methoxychlor

R.T.: 6.551 min
Delta R.T.: -0.003 min
Response: 166762717
Conc: 226.55 ng/ml



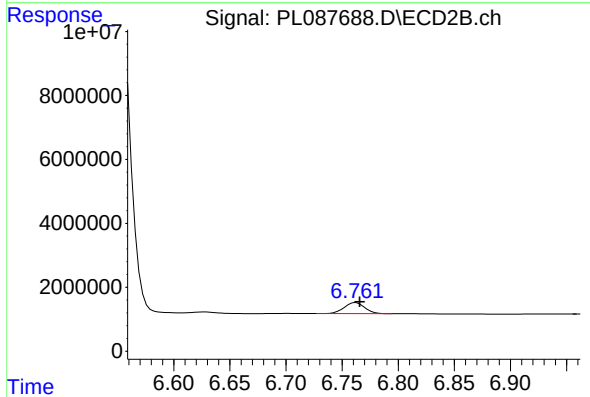
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: -0.003 min
Response: 9298581
Conc: 2.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

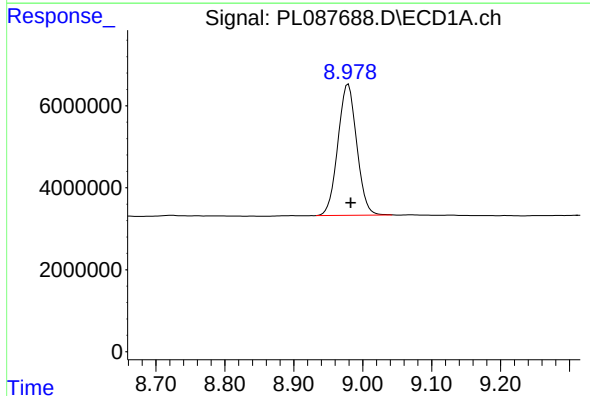
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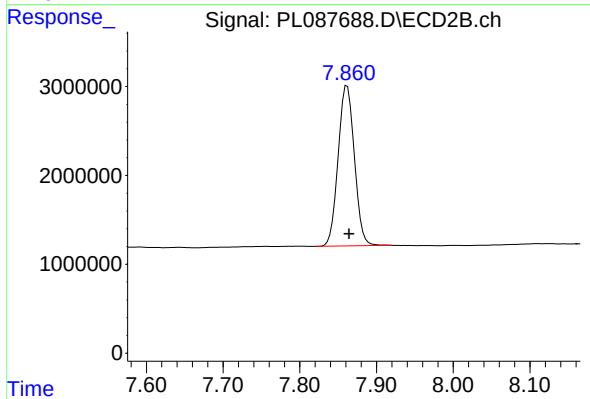
#21 Endrin ketone

R.T.: 6.762 min
Delta R.T.: -0.003 min
Response: 4392175
Conc: 2.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.979 min
Delta R.T.: -0.004 min
Response: 60867672
Conc: 21.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.862 min
Delta R.T.: -0.003 min
Response: 26605538
Conc: 21.00 ng/ml