

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
 Data File : PL089418.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 09:52
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/10/2024
 Supervised By :Ankita Jodhani 05/10/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 00:48:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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...	3.551	2.797	45748915	29738211	22.719	23.178
28)	SA Decachlor...	9.068	7.949	30190043	28797431	21.579	21.408
Target Compounds							
2)	A alpha-BHC	4.006	3.302	33794459	20255495	11.850	10.735
3)	MA gamma-BHC...	4.339	3.633	32095459	19285400	11.529	10.451
6)	B beta-BHC	4.532	3.930	15659522	10020342	12.413m	12.273
12)	B 4,4'-DDE	6.202	5.263	1051944	635233	0.520m	0.437
14)	MA Endrin	6.586	5.670	84060736	78939407	44.375m	54.908
16)	A 4,4'-DDD	6.718	5.817	7058032	4610593	4.184m	3.739
17)	MA 4,4'-DDT	7.033	6.069	154.2E6	143.9E6	83.846m	106.372 #
18)	B Endrin al...	6.934	6.143	4175497	2779860	2.761	2.499
20)	A Methoxychlor	7.509	6.645	194.9E6	182.5E6	198.204	228.213
21)	B Endrin ke...	7.654	6.872	7346936	5522554	3.670	3.454

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

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Acq On : 09 May 2024 09:52
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

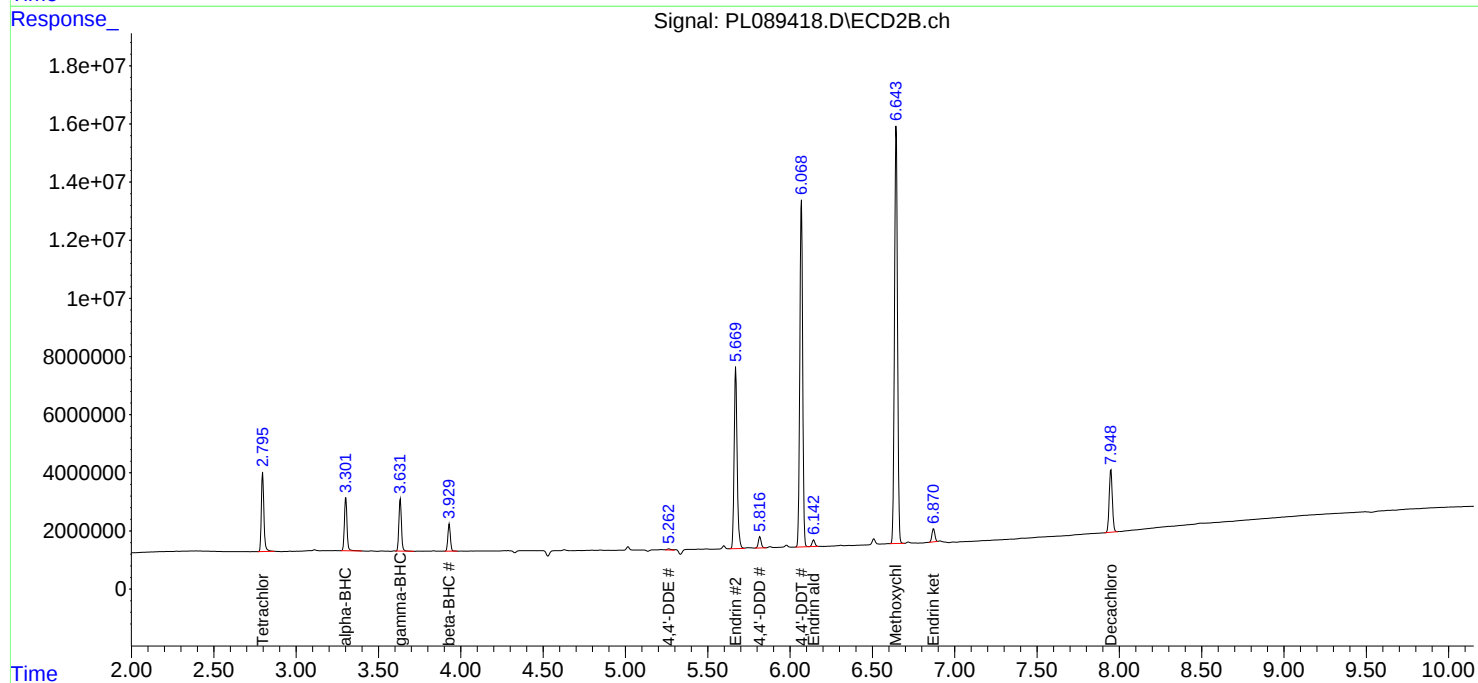
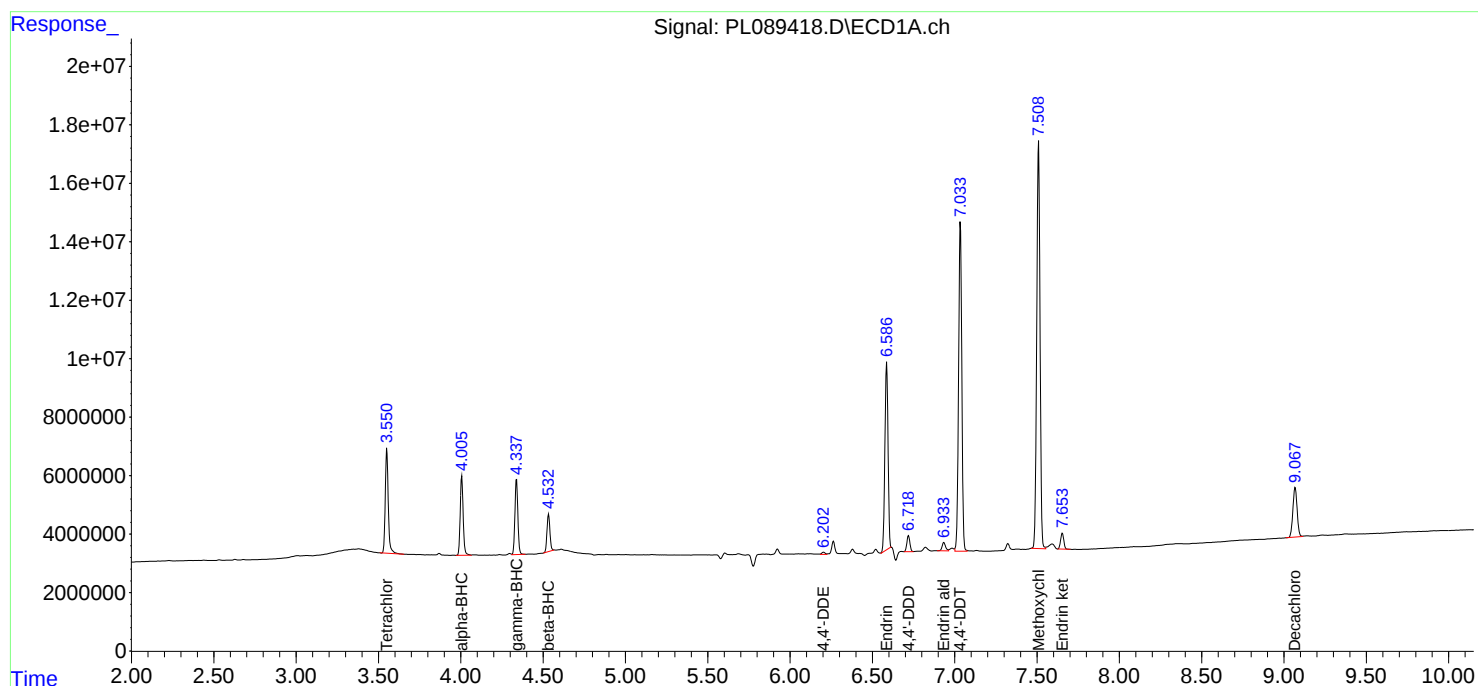
Instrument :
ECD_L
ClientSampleId :
PEM

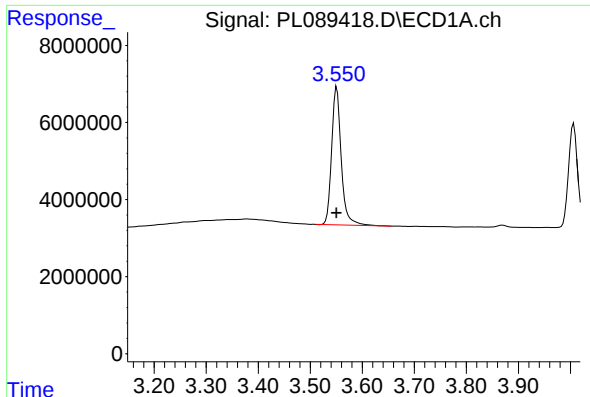
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Integration File signal 1: autoint1.e
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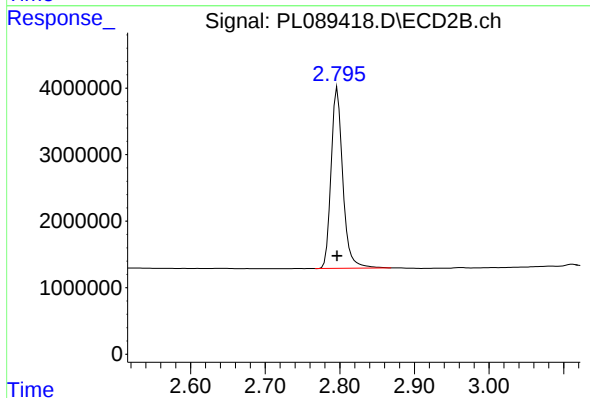
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 45748915
Conc: 22.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

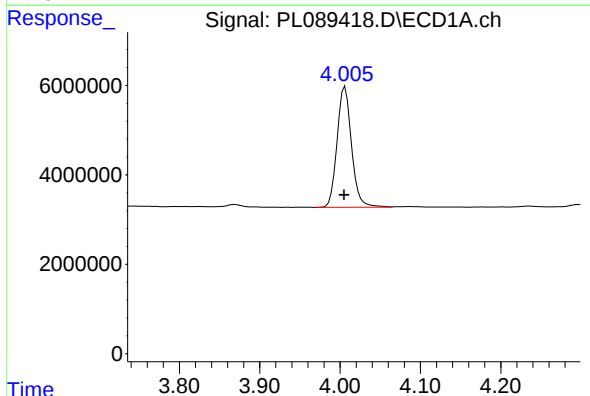
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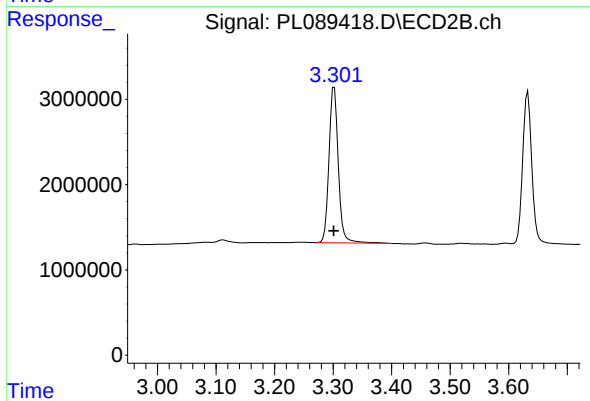
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 29738211
Conc: 23.18 ng/ml



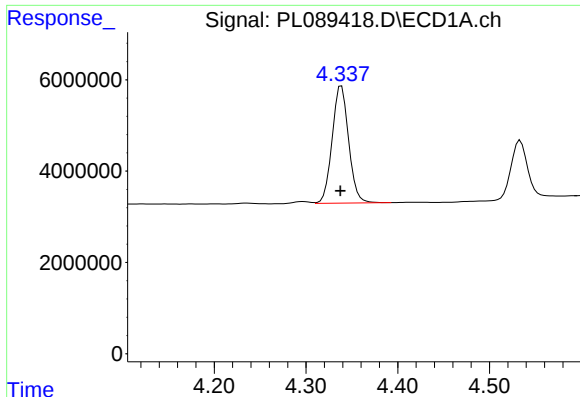
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 33794459
Conc: 11.85 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 20255495
Conc: 10.73 ng/ml



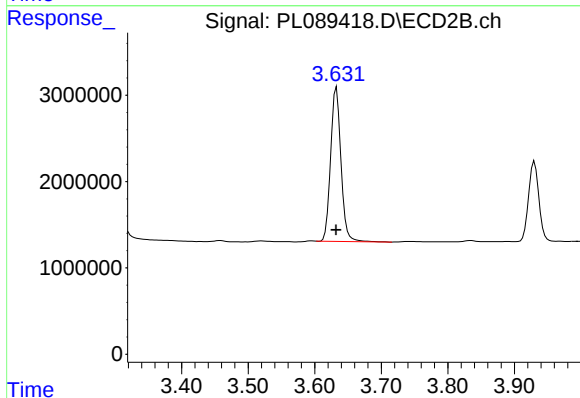
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.001 min
Response: 32095459
Conc: 11.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

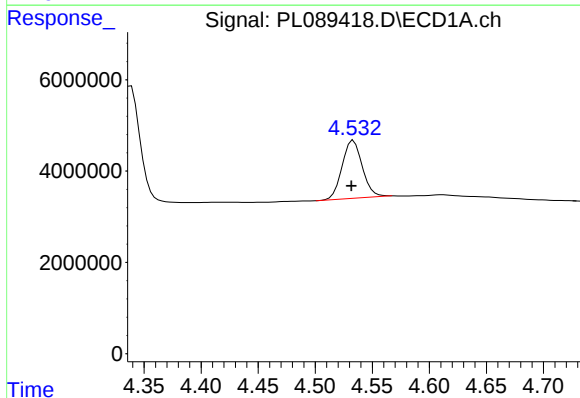
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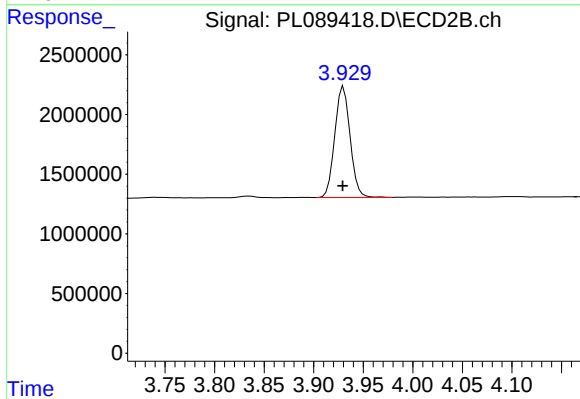
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 19285400
Conc: 10.45 ng/ml



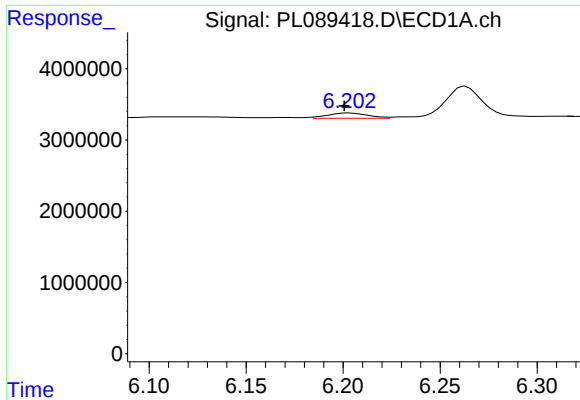
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 15659522
Conc: 12.41 ng/ml m



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 10020342
Conc: 12.27 ng/ml



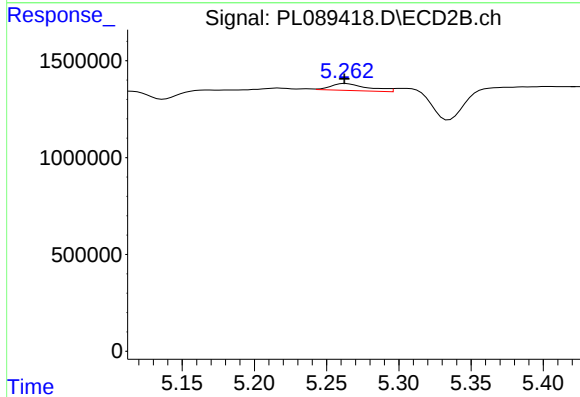
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.001 min
Response: 1051944
Conc: 0.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

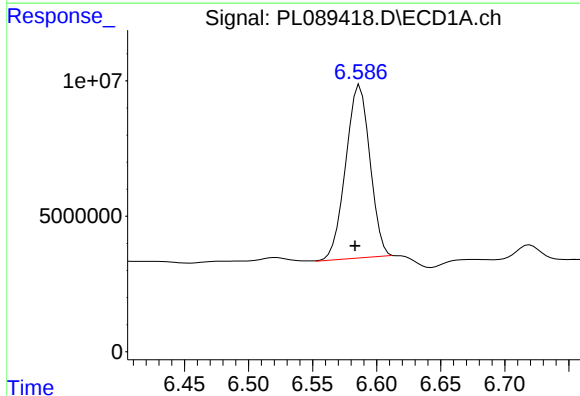
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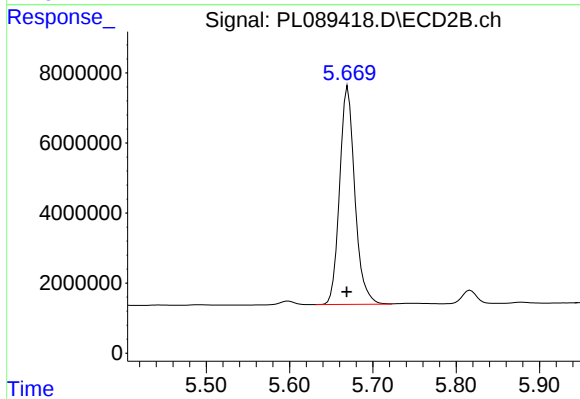
#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: 0.001 min
Response: 635233
Conc: 0.44 ng/ml



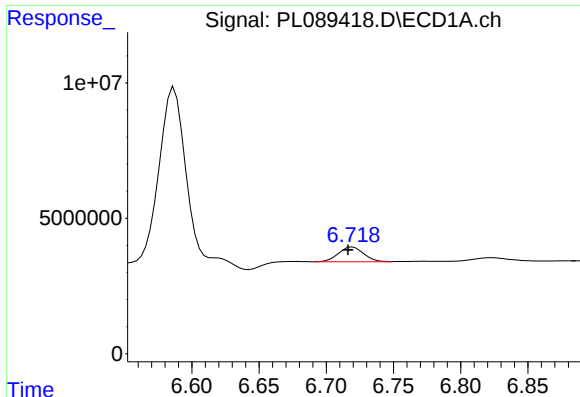
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.002 min
Response: 84060736
Conc: 44.37 ng/ml m



#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.001 min
Response: 78939407
Conc: 54.91 ng/ml



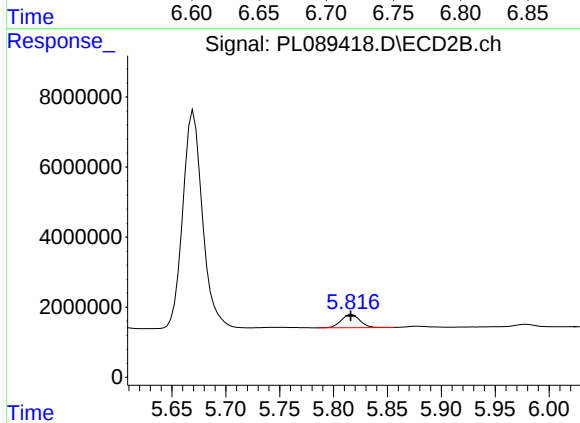
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 7058032
Conc: 4.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

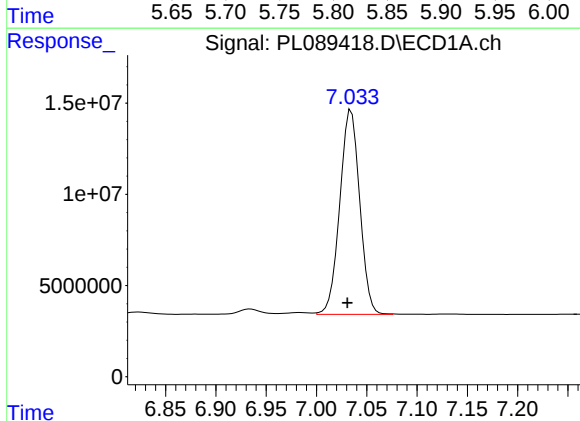
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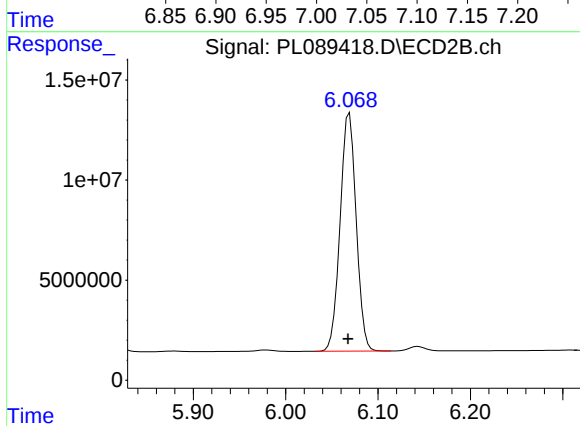
#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.001 min
Response: 4610593
Conc: 3.74 ng/ml



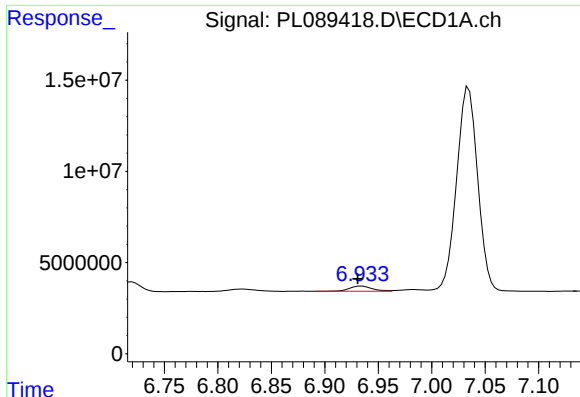
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.003 min
Response: 154190843
Conc: 83.85 ng/ml m



#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 143919575
Conc: 106.37 ng/ml



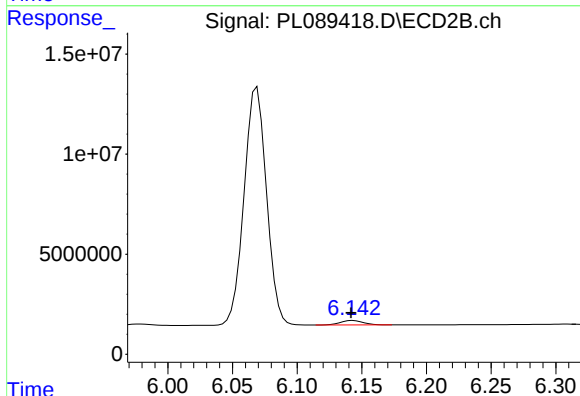
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 4175497
Conc: 2.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

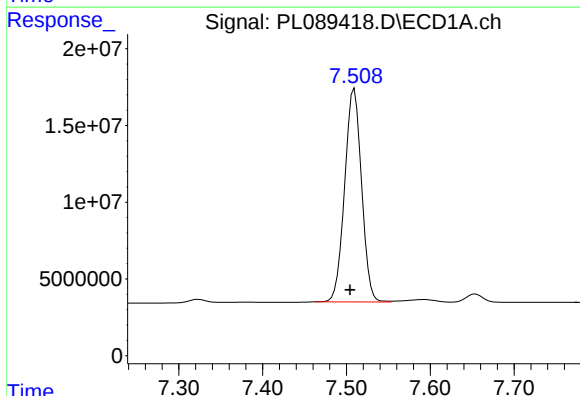
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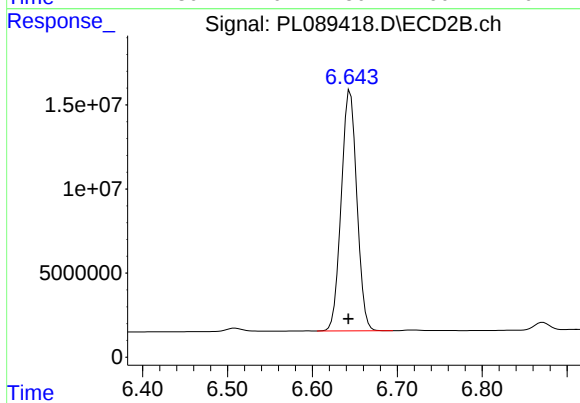
#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: 0.002 min
Response: 2779860
Conc: 2.50 ng/ml



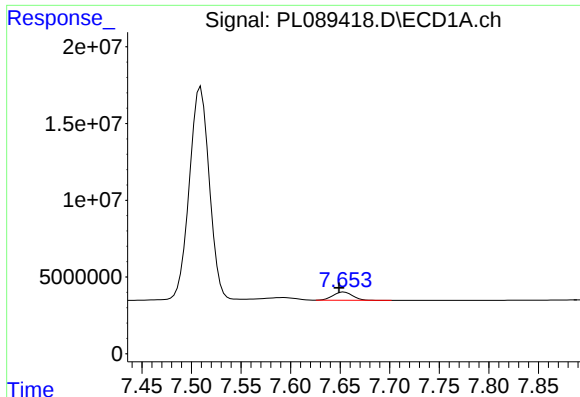
#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: 0.005 min
Response: 194914372
Conc: 198.20 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: 0.002 min
Response: 182475487
Conc: 228.21 ng/ml



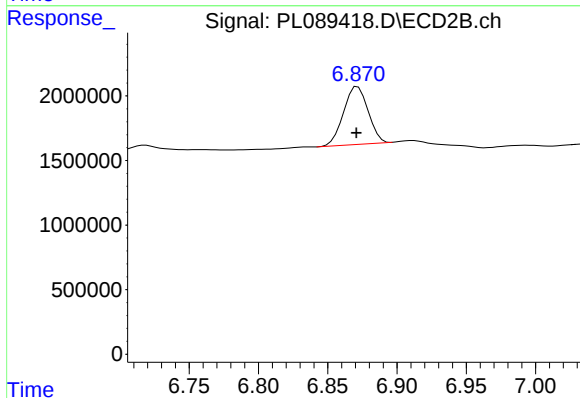
#21 Endrin ketone

R.T.: 7.654 min
Delta R.T.: 0.005 min
Response: 7346936
Conc: 3.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

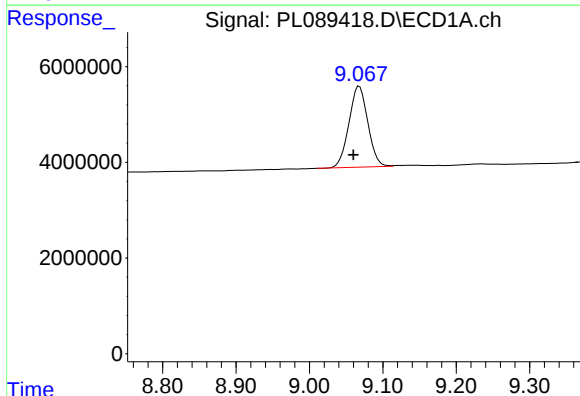
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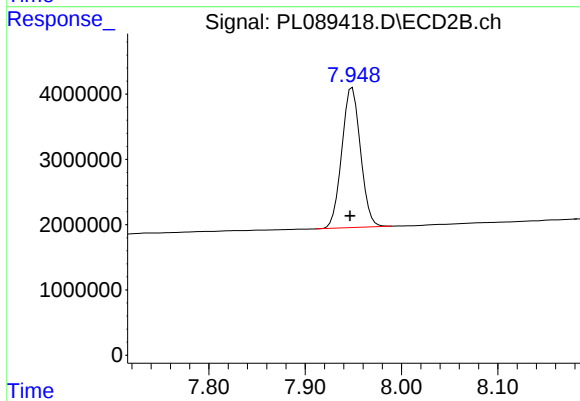
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.001 min
Response: 5522554
Conc: 3.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.008 min
Response: 30190043
Conc: 21.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.002 min
Response: 28797431
Conc: 21.41 ng/ml