

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050224\
 Data File : PL089311.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2024 10:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/03/2024
 Supervised By :Ankita Jodhani 05/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 22:57:42 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	43995151	27977491	21.848	21.806
28)	SA Decachlor...	9.065	7.949	28408565	26961995	20.306	20.043
Target Compounds							
2)	A alpha-BHC	4.006	3.302	32305550	18976550	11.328	10.057
3)	MA gamma-BHC...	4.338	3.633	30523645	18410168	10.964	9.977
6)	B beta-BHC	4.532	3.930	14108403	9491739	11.183m	11.626
12)	B 4,4'-DDE	6.201	5.261	1041611	484412	0.515m	0.333m#
14)	MA Endrin	6.584	5.670	78742609	71024107	41.567m	49.402
16)	A 4,4'-DDD	6.718	5.817	9567416	6693431	5.671m	5.428
17)	MA 4,4'-DDT	7.033	6.068	149.7E6	138.7E6	81.396	102.499 #
18)	B Endrin al...	6.934	6.143	4343868	2843441	2.872	2.556
20)	A Methoxychlor	7.508	6.645	184.6E6	179.4E6	187.766	224.362
21)	B Endrin ke...	7.652	6.870	8585624	7375806	4.289	4.613m

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

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Acq On : 02 May 2024 10:54
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

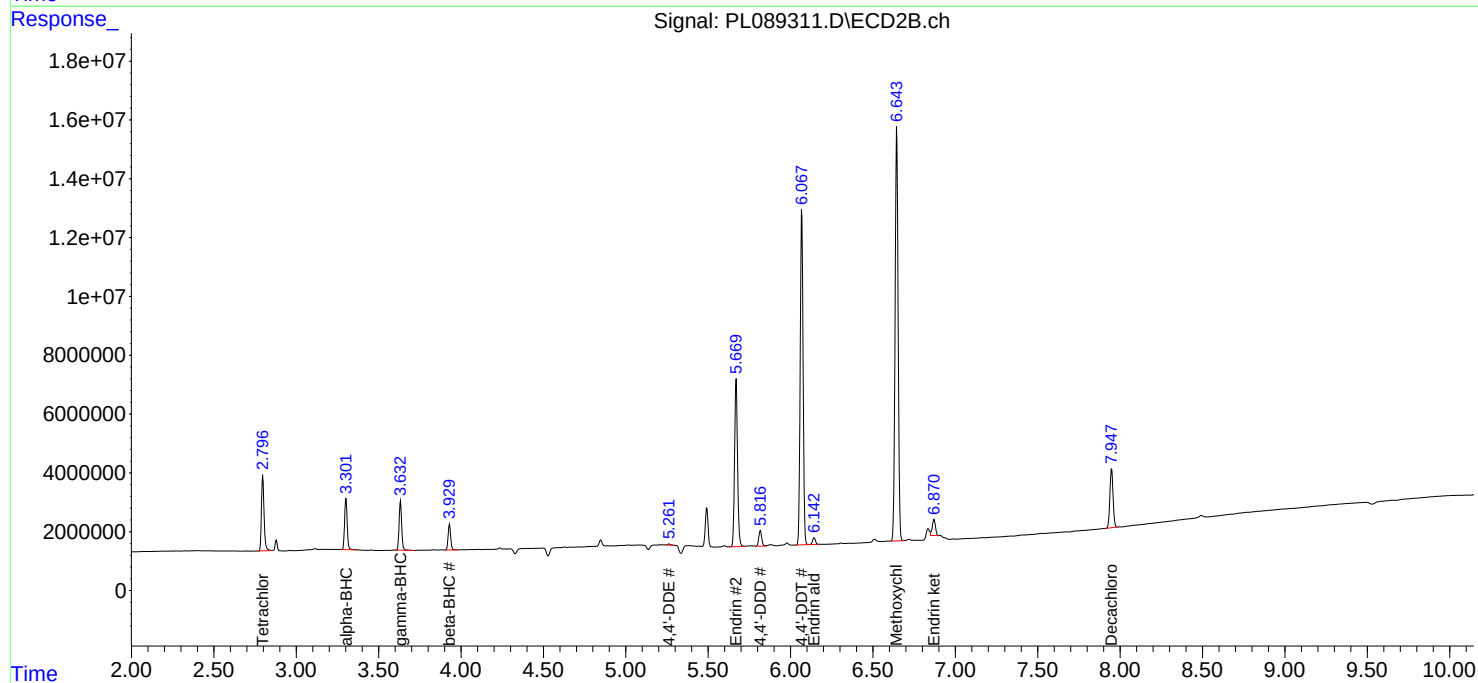
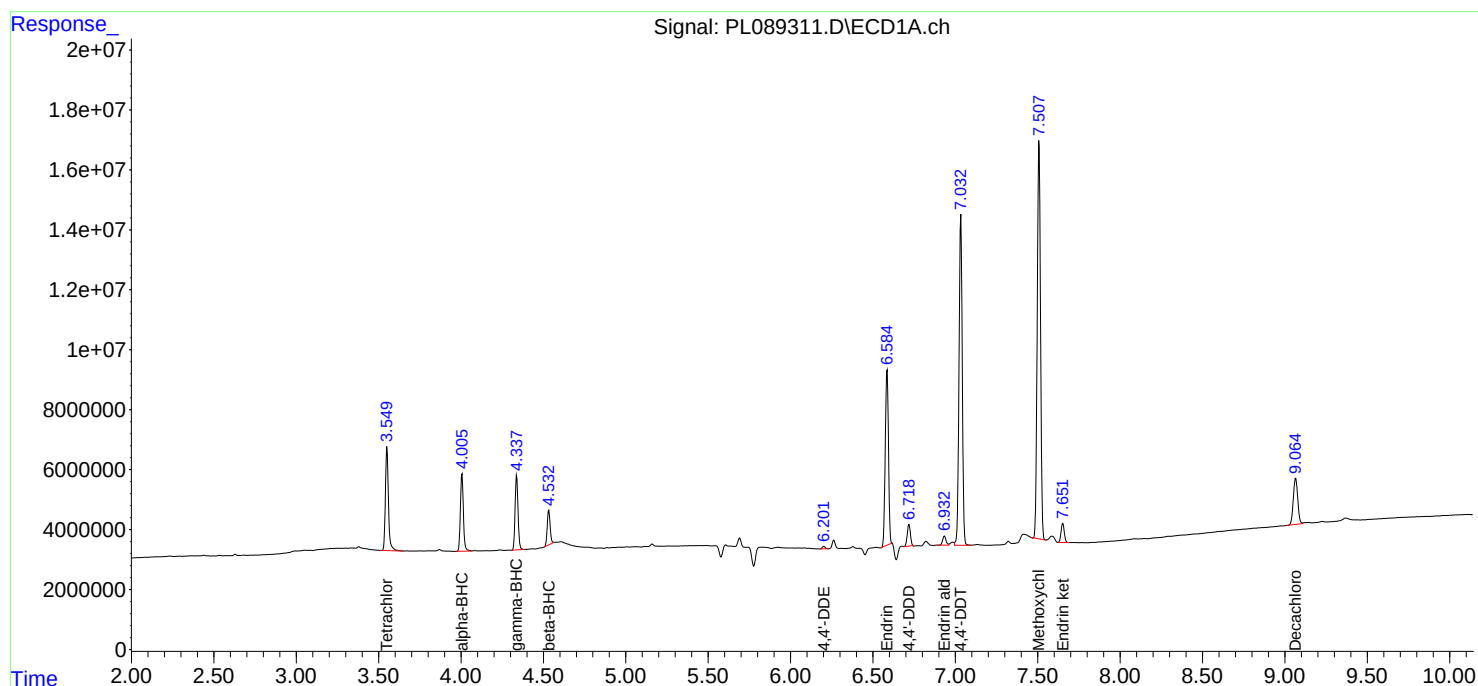
Instrument :
ECD_L
ClientSampleId :
PEM

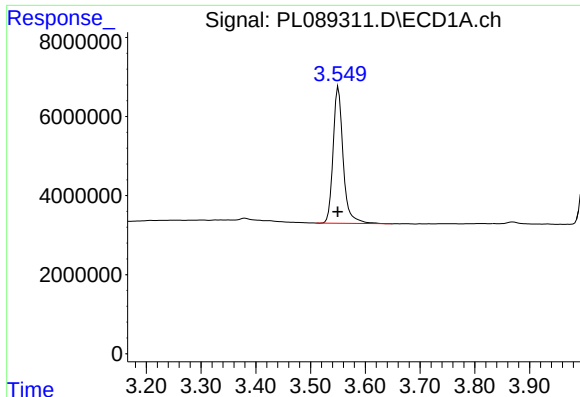
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





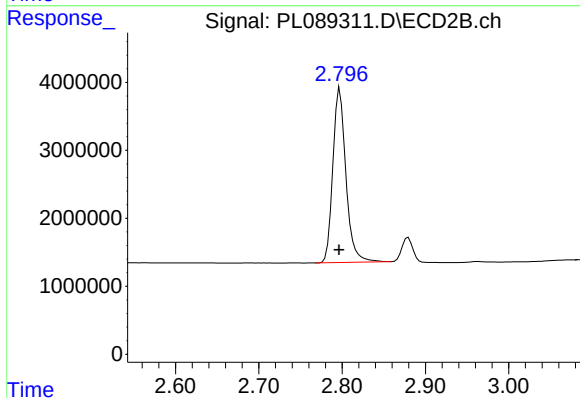
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 43995151
Conc: 21.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

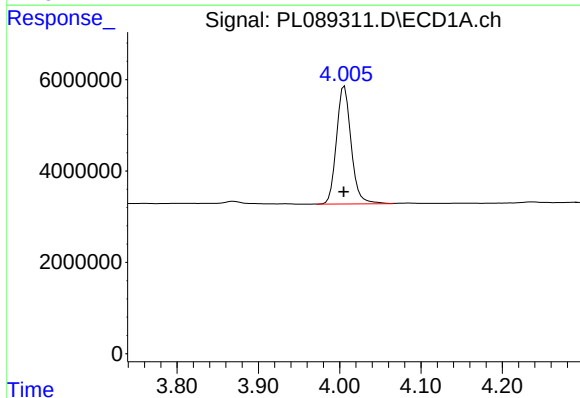
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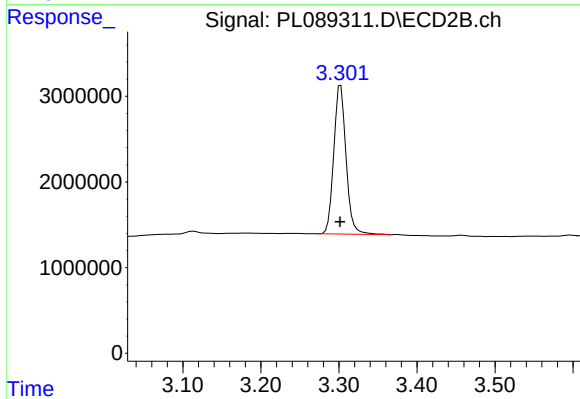
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.001 min
Response: 27977491
Conc: 21.81 ng/ml



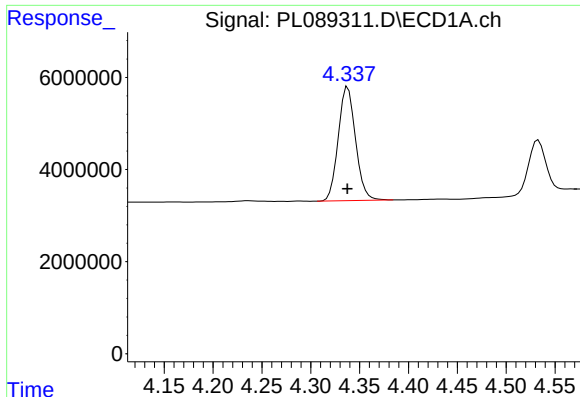
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 32305550
Conc: 11.33 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.001 min
Response: 18976550
Conc: 10.06 ng/ml



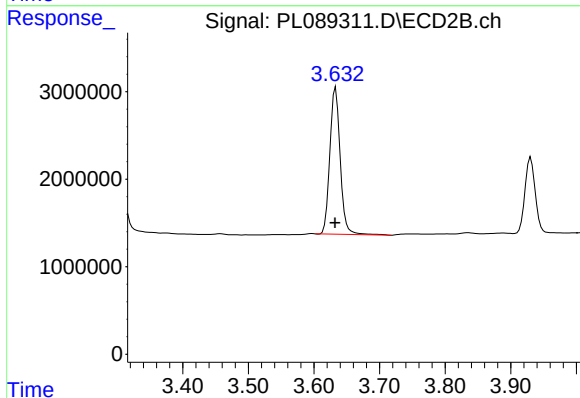
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 30523645
Conc: 10.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

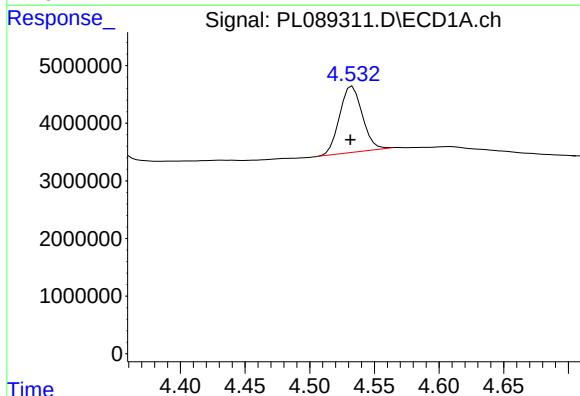
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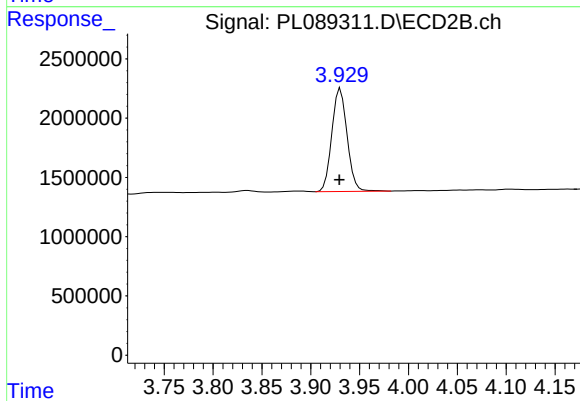
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.001 min
Response: 18410168
Conc: 9.98 ng/ml



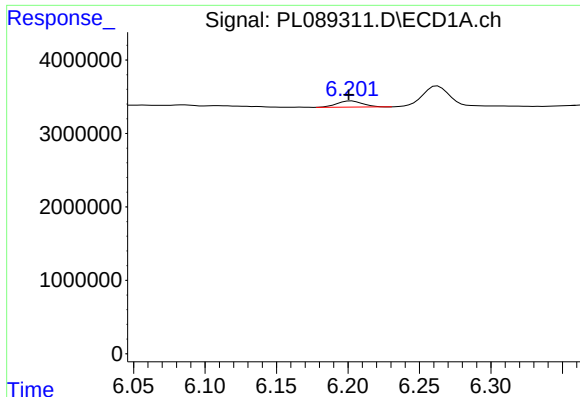
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 14108403
Conc: 11.18 ng/ml m



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.001 min
Response: 9491739
Conc: 11.63 ng/ml



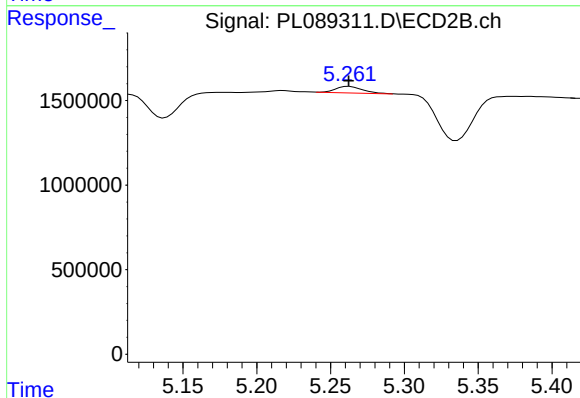
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 1041611
Conc: 0.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

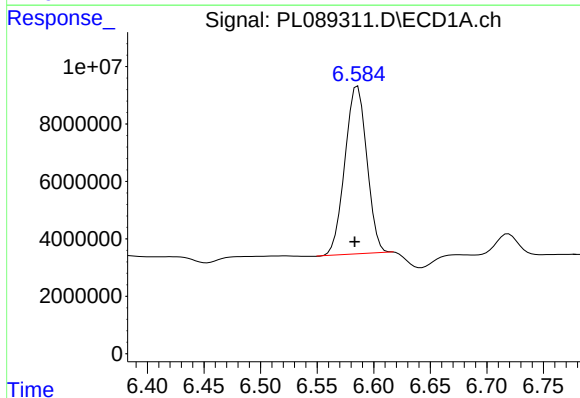
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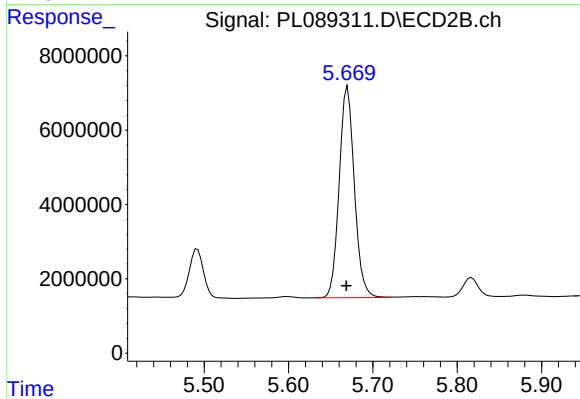
#12 4,4'-DDE

R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 484412
Conc: 0.33 ng/ml m



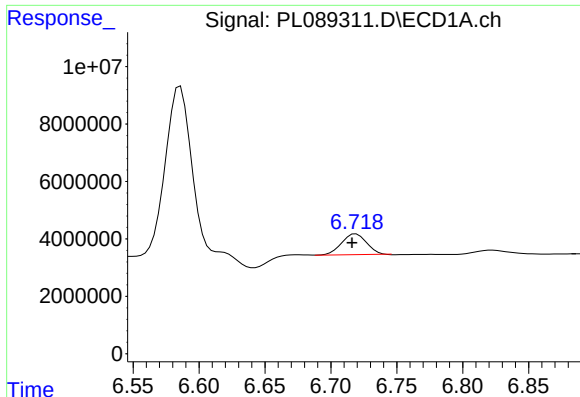
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.001 min
Response: 78742609
Conc: 41.57 ng/ml m



#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.001 min
Response: 71024107
Conc: 49.40 ng/ml



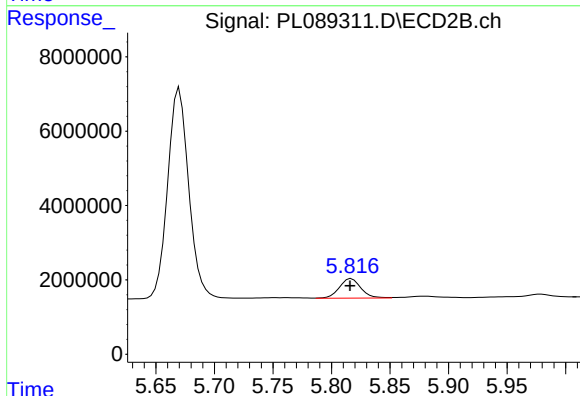
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 9567416
Conc: 5.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

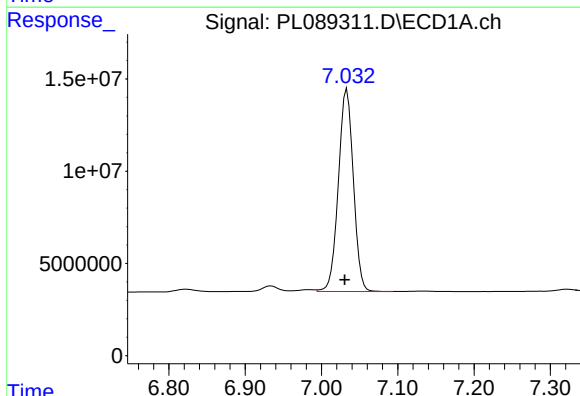
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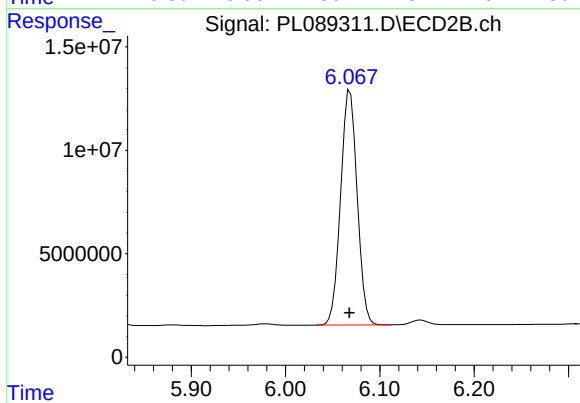
#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.001 min
Response: 6693431
Conc: 5.43 ng/ml



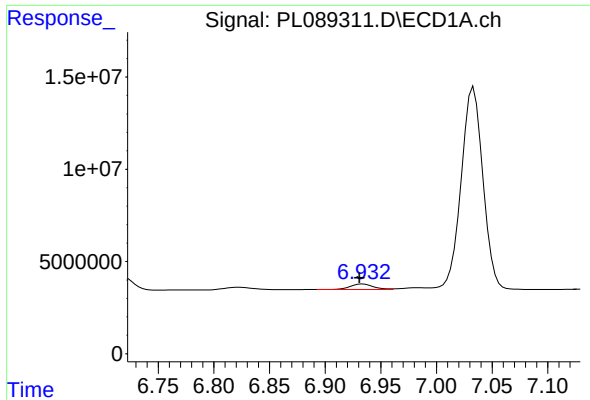
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.003 min
Response: 149684787
Conc: 81.40 ng/ml



#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 138680322
Conc: 102.50 ng/ml



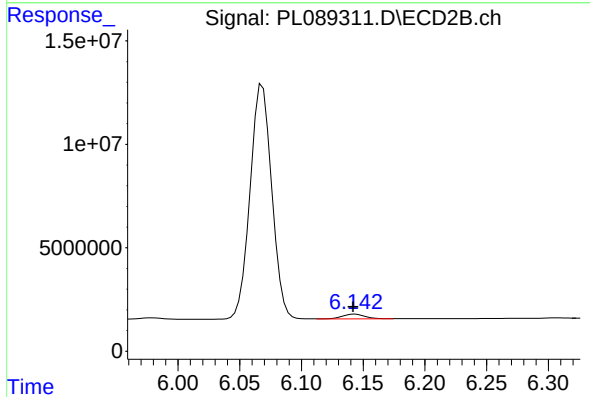
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 4343868
Conc: 2.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

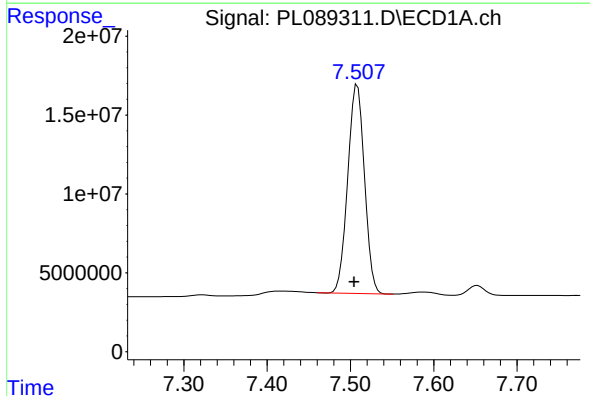
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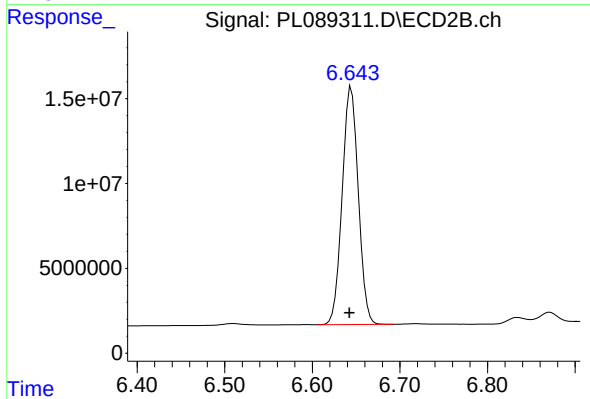
#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: 0.002 min
Response: 2843441
Conc: 2.56 ng/ml



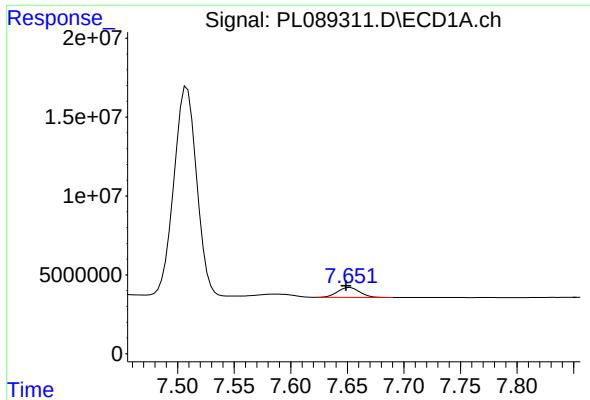
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.004 min
Response: 184649938
Conc: 187.77 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: 0.002 min
Response: 179396303
Conc: 224.36 ng/ml



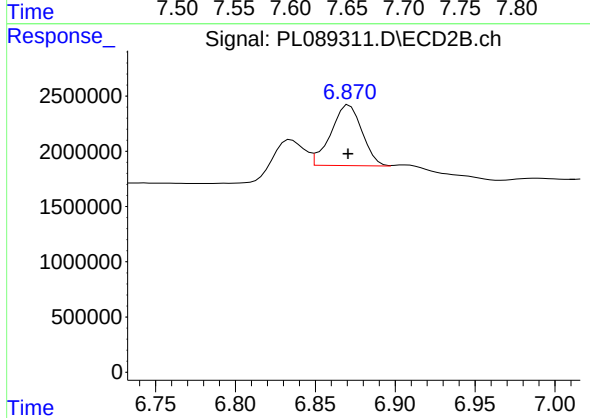
#21 Endrin ketone

R.T.: 7.652 min
Delta R.T.: 0.003 min
Response: 8585624
Conc: 4.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

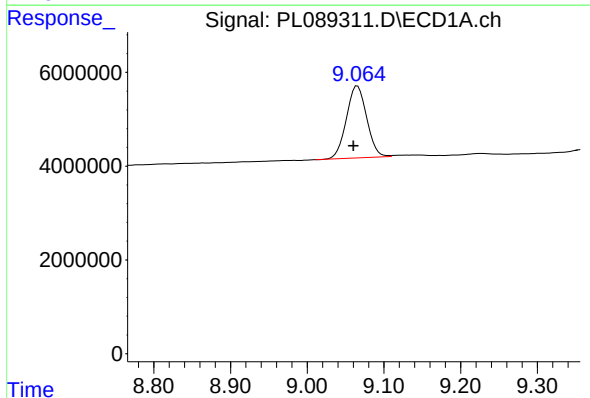
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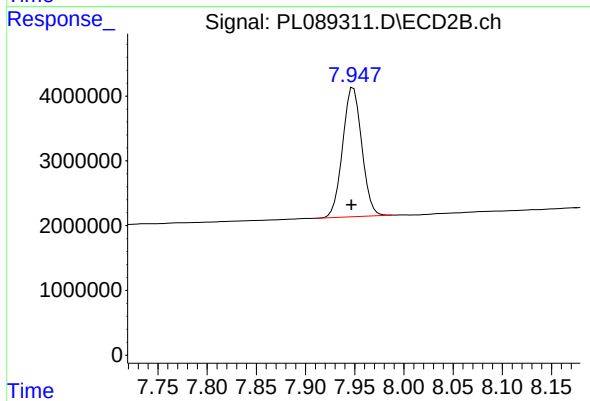
#21 Endrin ketone

R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 7375806
Conc: 4.61 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.005 min
Response: 28408565
Conc: 20.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.002 min
Response: 26961995
Conc: 20.04 ng/ml