

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042524\
 Data File : PL089174.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2024 09:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/26/2024
 Supervised By :Ankita Jodhani 04/26/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 22:53:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 15 18:43:22 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	2.798	47558604	29569177	22.377	22.184
28)	SA Decachlor...	9.062	7.949	30514457	28899546	23.956	21.581
Target Compounds							
2)	A alpha-BHC	4.005	3.303	34498722	19678571	11.538	9.946
3)	MA gamma-BHC...	4.338	3.632	32910862	18991963	11.407	9.873m
6)	B beta-BHC	4.533	3.931	15650576	9785170	11.663	11.708
12)	B 4,4'-DDE	6.201	5.263	805466	296188	0.401m	0.201m#
14)	MA Endrin	6.583	5.671	87199063	78906571	46.398m	54.293
16)	A 4,4'-DDD	6.716	5.817	3601433	2189643	2.234m	1.808
17)	MA 4,4'-DDT	7.032	6.069	169.7E6	155.7E6	93.133	118.797 #
18)	B Endrin al...	6.932	6.144	4132693	2431417	2.824	2.212
20)	A Methoxychlor	7.505	6.645	216.5E6	197.2E6	245.699m	263.855
21)	B Endrin ke...	7.650	6.872	7001020	4517859	3.630	2.854

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

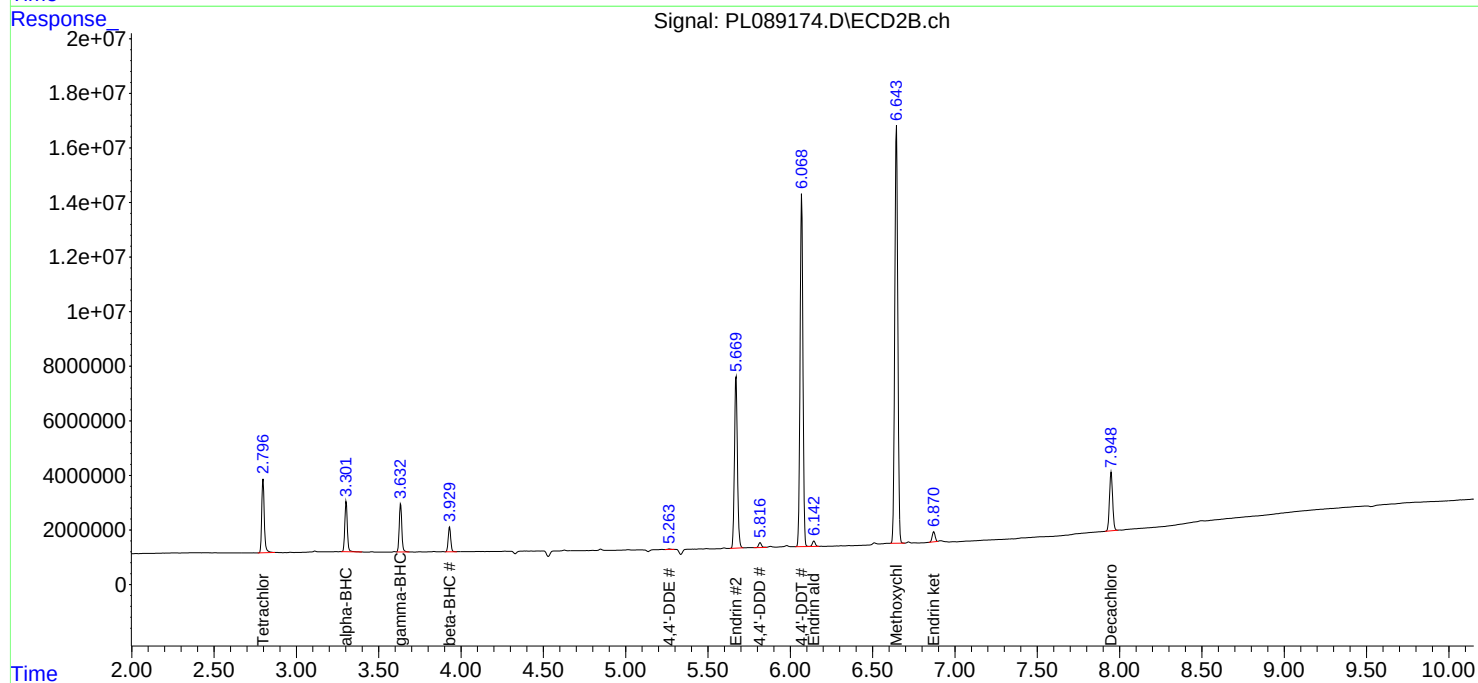
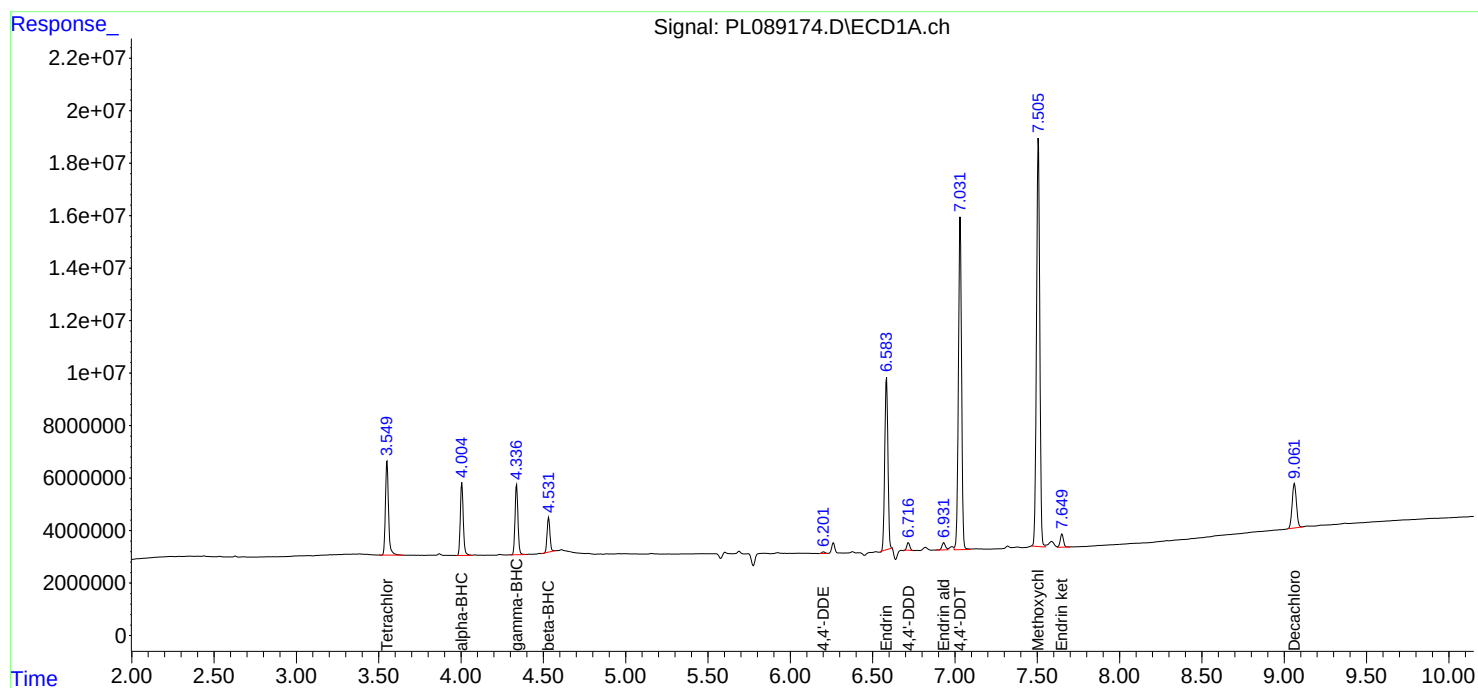
Instrument :
ECD_L
ClientSampleId :
PEM

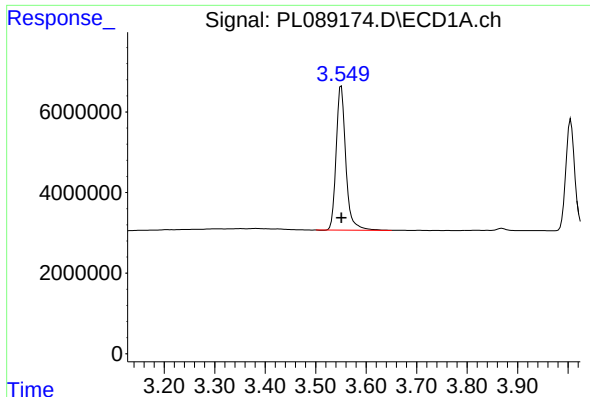
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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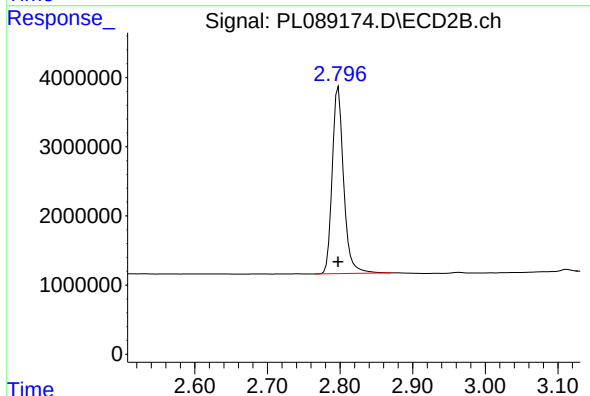
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 47558604
Conc: 22.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

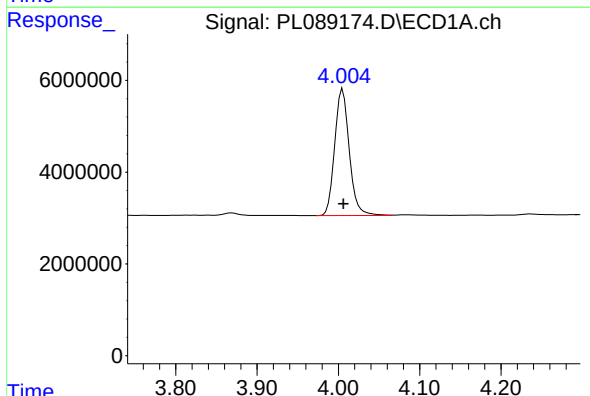
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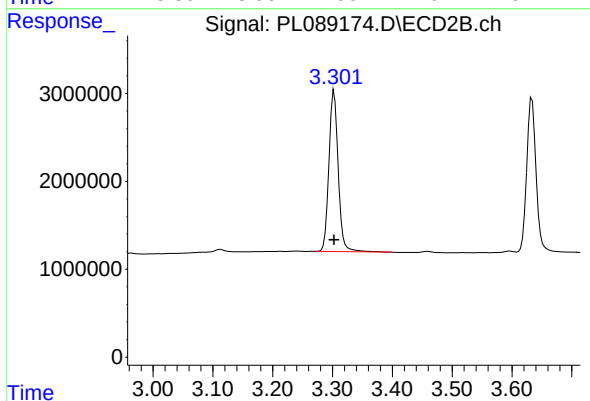
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.000 min
Response: 29569177
Conc: 22.18 ng/ml



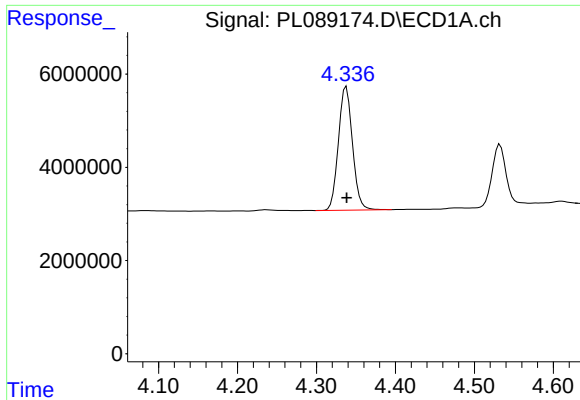
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 34498722
Conc: 11.54 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 19678571
Conc: 9.95 ng/ml



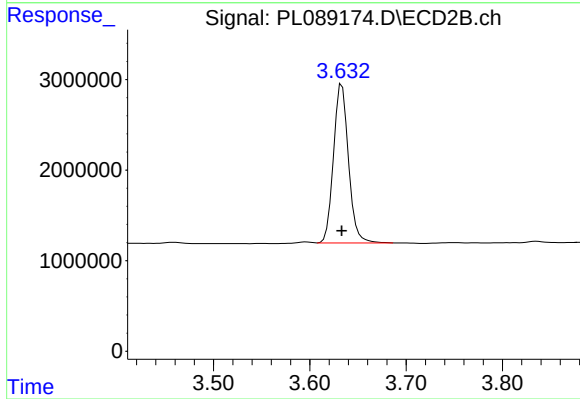
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 32910862
Conc: 11.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

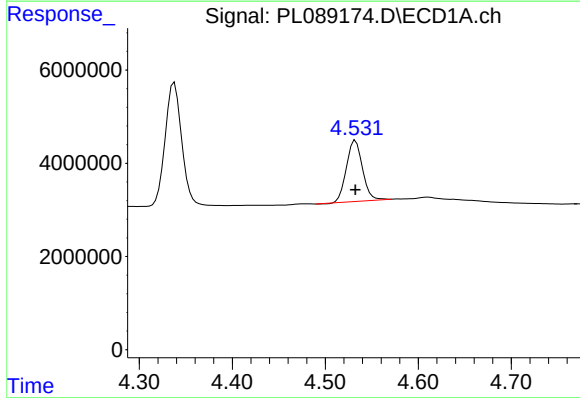
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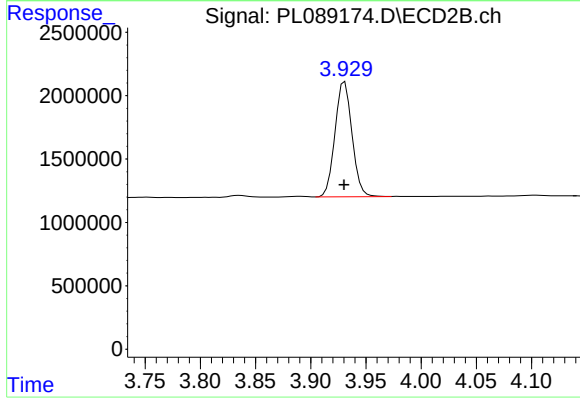
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: -0.001 min
Response: 18991963
Conc: 9.87 ng/ml m



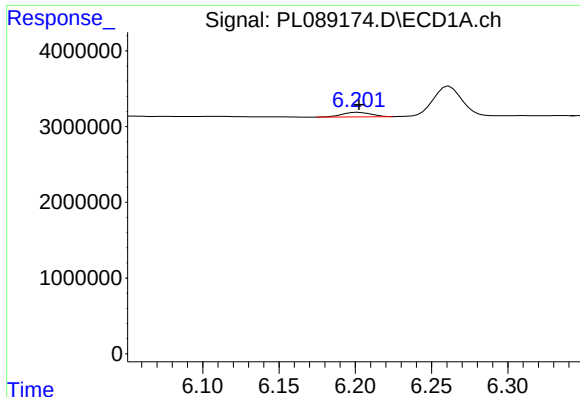
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 15650576
Conc: 11.66 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 9785170
Conc: 11.71 ng/ml



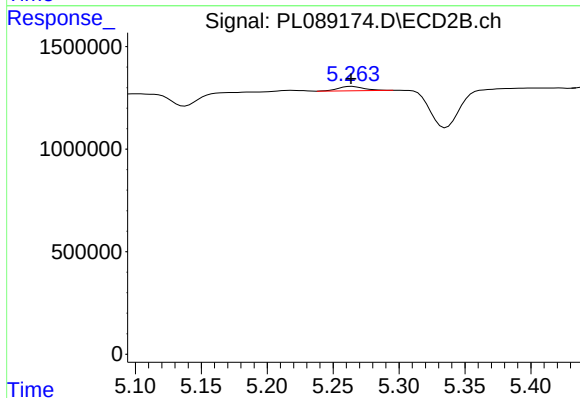
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: -0.002 min
Response: 805466
Conc: 0.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

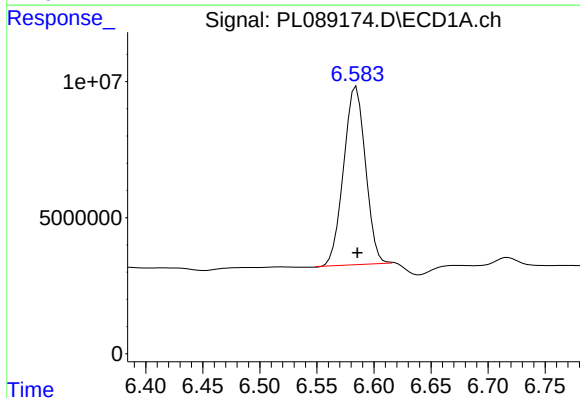
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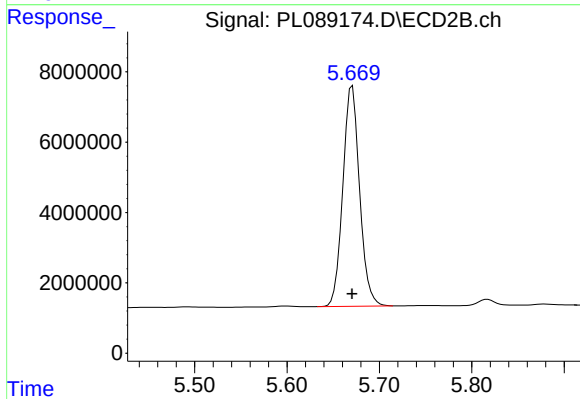
#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 296188
Conc: 0.20 ng/ml m



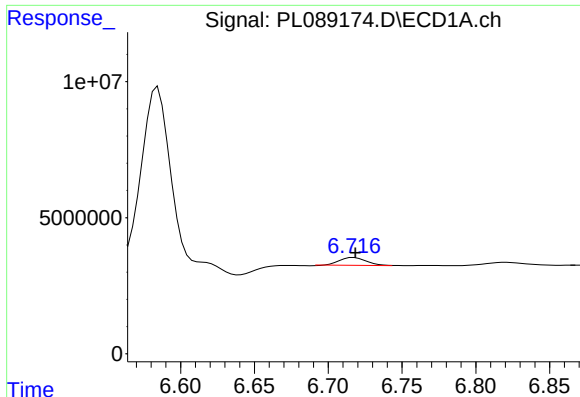
#14 Endrin

R.T.: 6.583 min
Delta R.T.: -0.002 min
Response: 87199063
Conc: 46.40 ng/ml m



#14 Endrin

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 78906571
Conc: 54.29 ng/ml



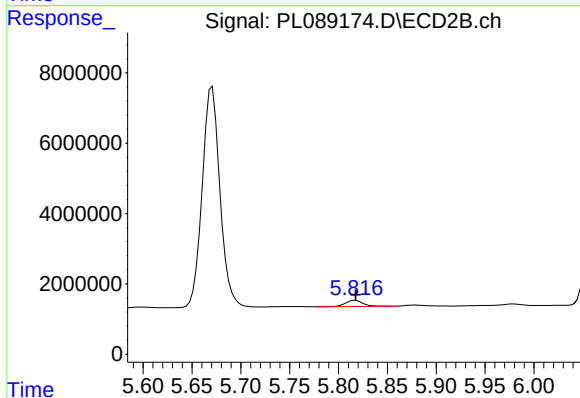
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: -0.003 min
Response: 3601433
Conc: 2.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

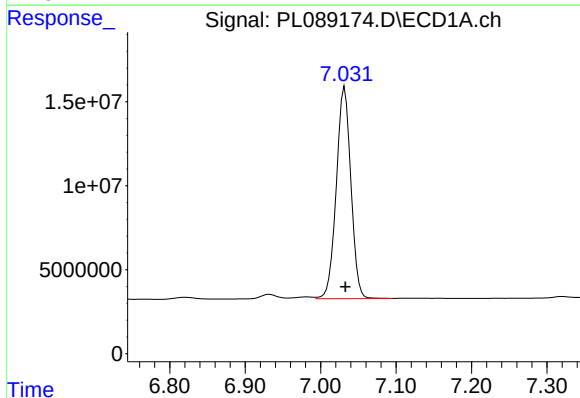
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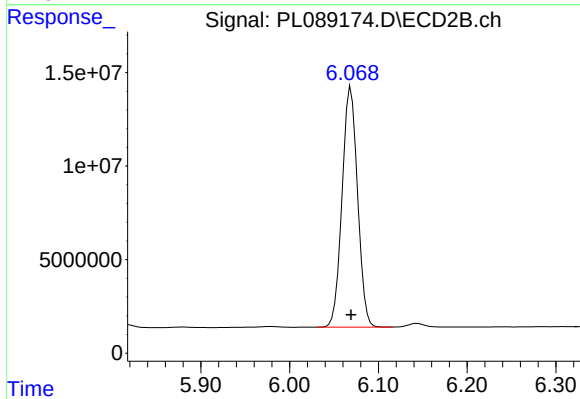
#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 2189643
Conc: 1.81 ng/ml



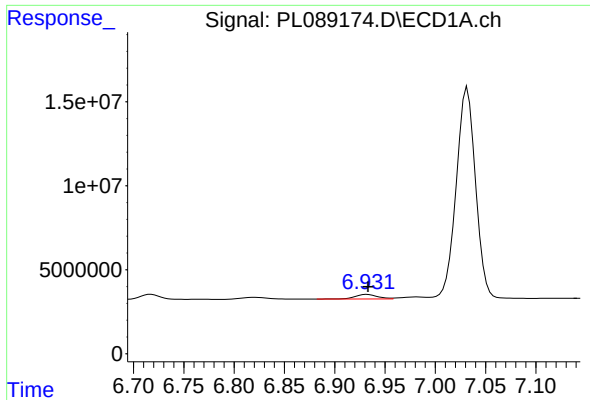
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 169710605
Conc: 93.13 ng/ml



#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 155713601
Conc: 118.80 ng/ml



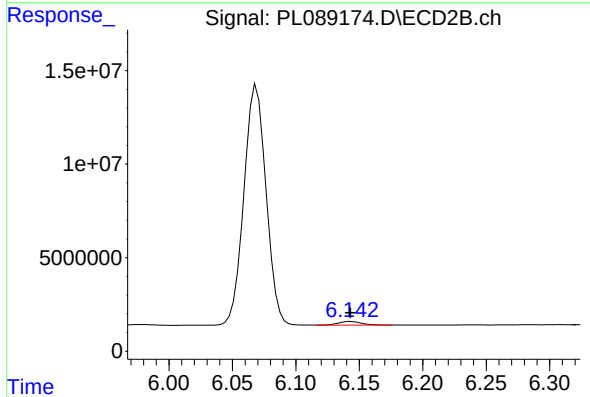
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 4132693
Conc: 2.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

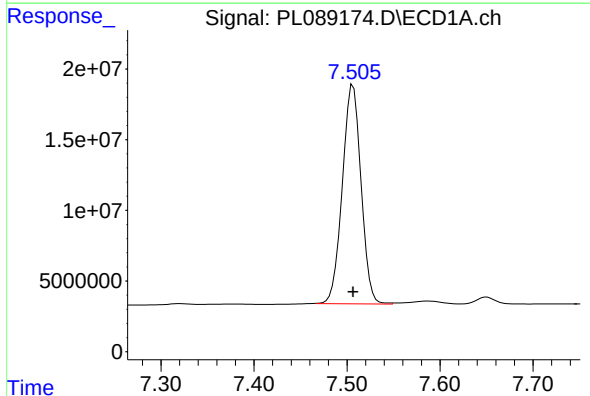
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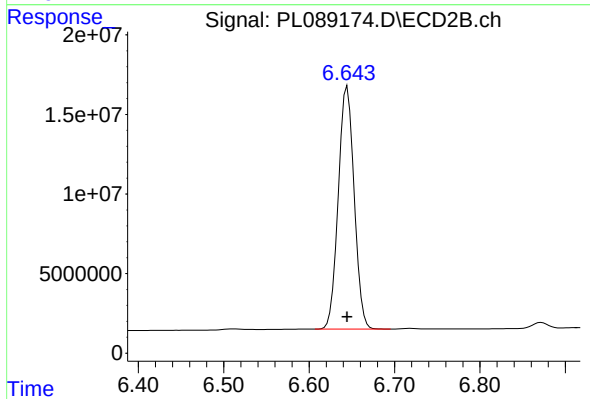
#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 2431417
Conc: 2.21 ng/ml



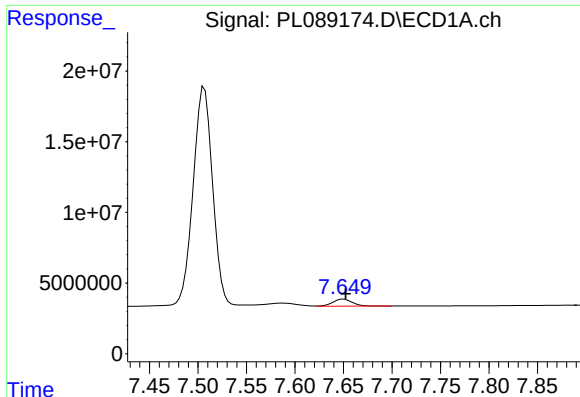
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: -0.001 min
Response: 216489097
Conc: 245.70 ng/ml m



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 197212000
Conc: 263.85 ng/ml



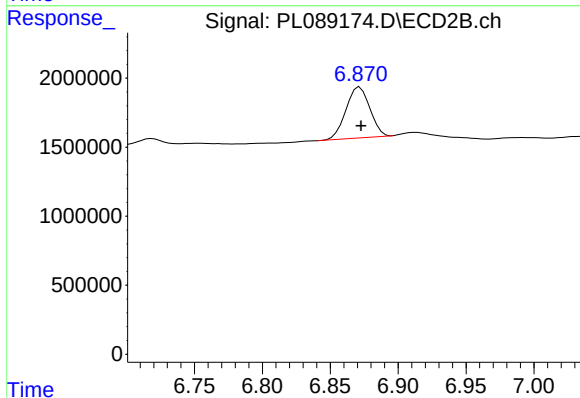
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: -0.002 min
Response: 7001020
Conc: 3.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

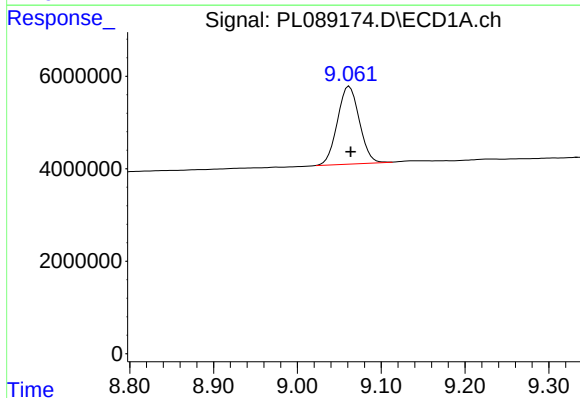
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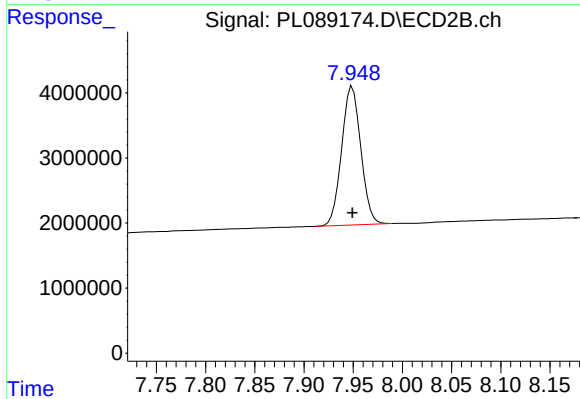
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 4517859
Conc: 2.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 30514457
Conc: 23.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.000 min
Response: 28899546
Conc: 21.58 ng/ml