

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112124\
 Data File : PL093192.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2024 09:38
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :Ankita Jodhani 11/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 23:27:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 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...	3.537	2.774	54289131	57999896	22.157	21.314
28)	SA Decachlor...	9.059	7.915	36700568	58801566	19.070	21.545
Target Compounds							
2)	A alpha-BHC	3.993	3.277	38382980	40828139	11.317	10.232
3)	MA gamma-BHC...	4.325	3.607	36028185	38033474	11.053m	9.855
6)	B beta-BHC	4.524	3.907	16353660	18467367	11.314	11.218
12)	B 4,4'-DDE	6.188	5.234	483707	1054661	0.204m	0.327 #
14)	MA Endrin	6.574	5.639	96791653	141.9E6	42.515	49.047
16)	A 4,4'-DDD	6.709	5.787	7782051	10789078	4.054m	4.333
17)	MA 4,4'-DDT	7.024	6.038	178.3E6	284.0E6	86.168	105.863
18)	B Endrin al...	6.923	6.112	5384536	7274108	2.867m	3.153m
20)	A Methoxychlor	7.501	6.613	226.2E6	345.4E6	198.411	241.899
21)	B Endrin ke...	7.644	6.842	8476752	13581987	3.499	4.426 #

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

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ALS Vial : 3 Sample Multiplier: 1

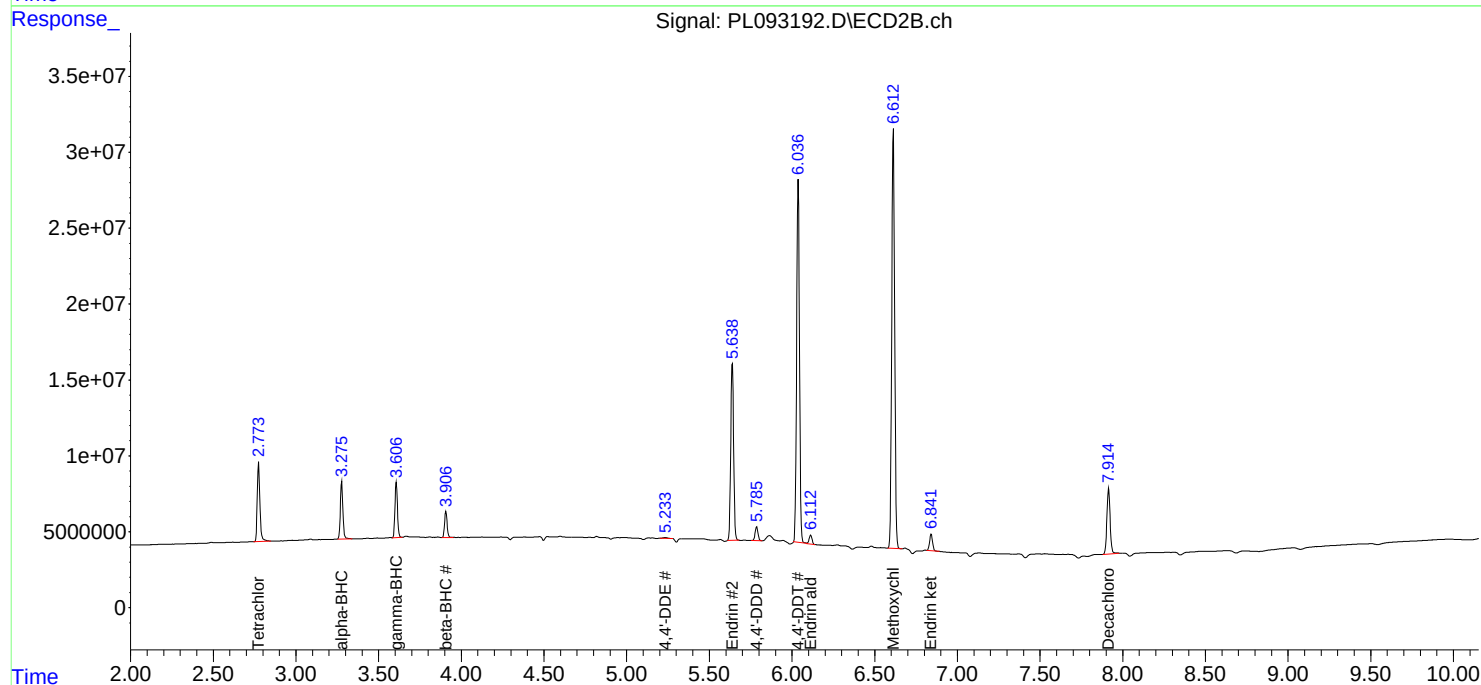
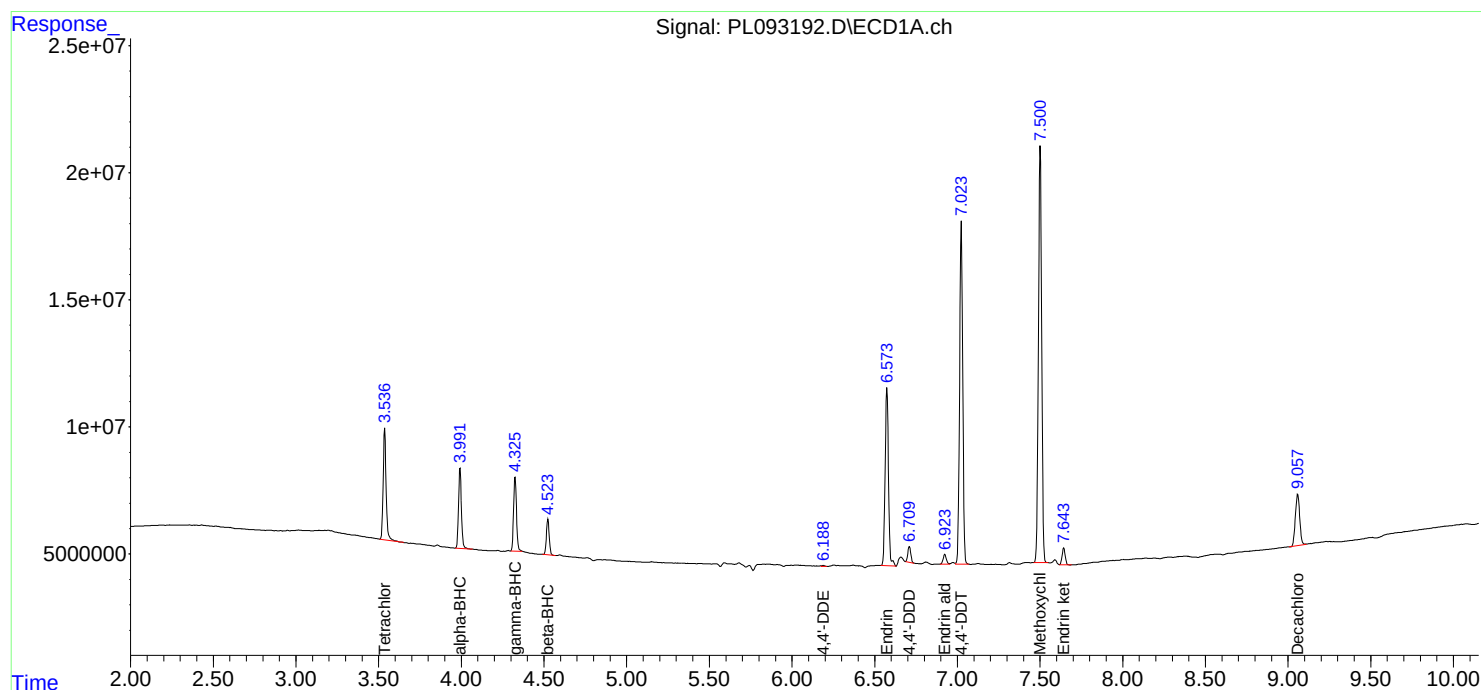
Instrument :
ECD_L
ClientSampleId :
PEM

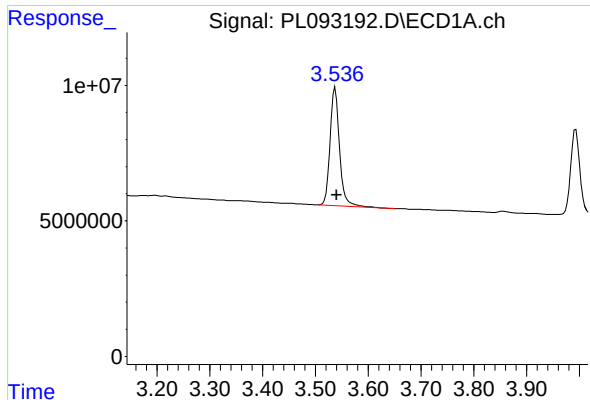
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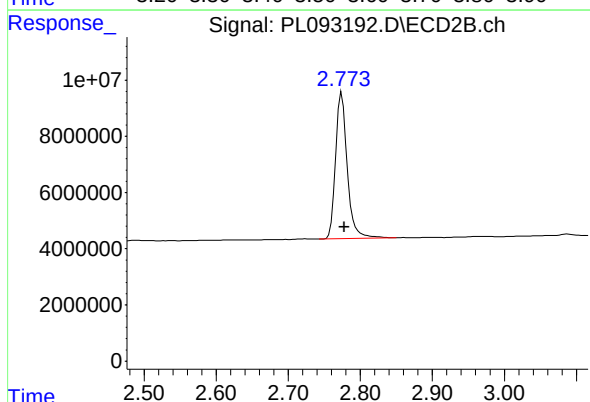
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.003 min
Response: 54289131
Conc: 22.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

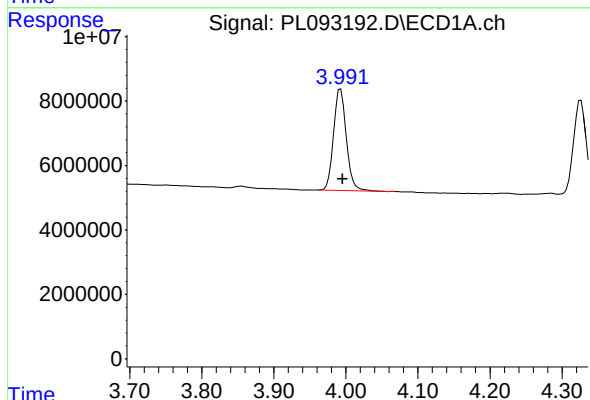
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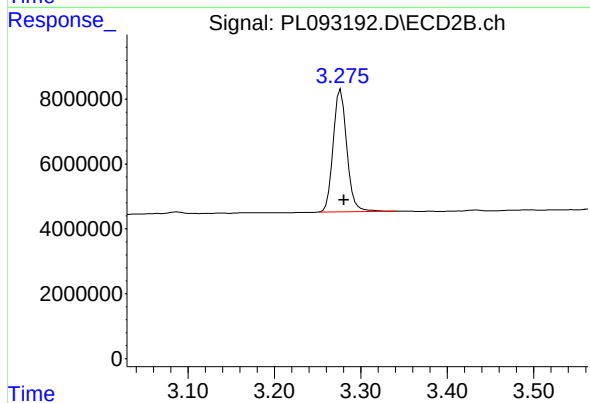
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 57999896
Conc: 21.31 ng/ml



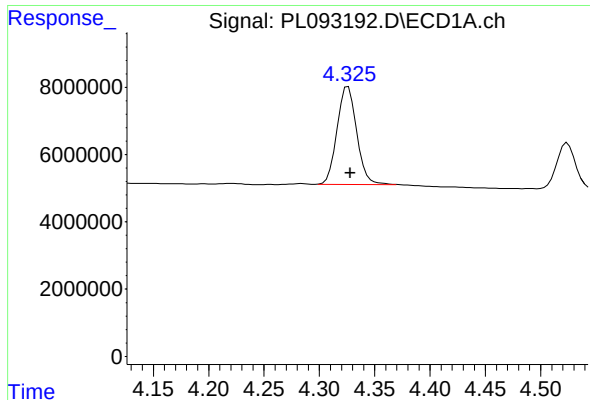
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.003 min
Response: 38382980
Conc: 11.32 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.004 min
Response: 40828139
Conc: 10.23 ng/ml



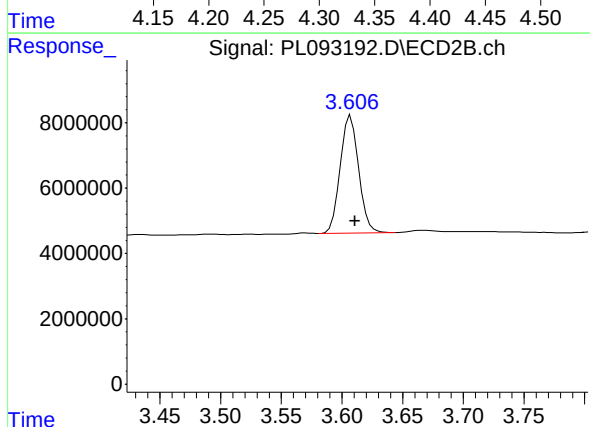
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.004 min
Response: 36028185
Conc: 11.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

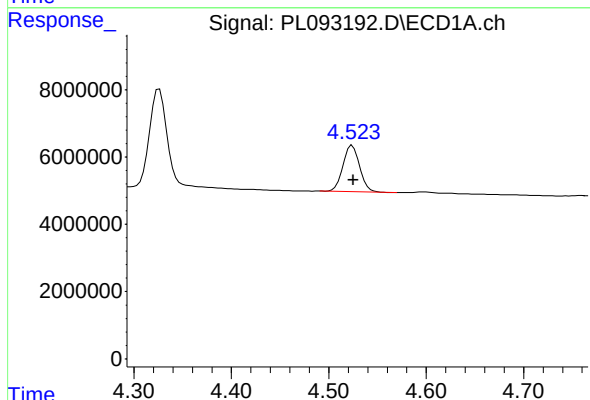
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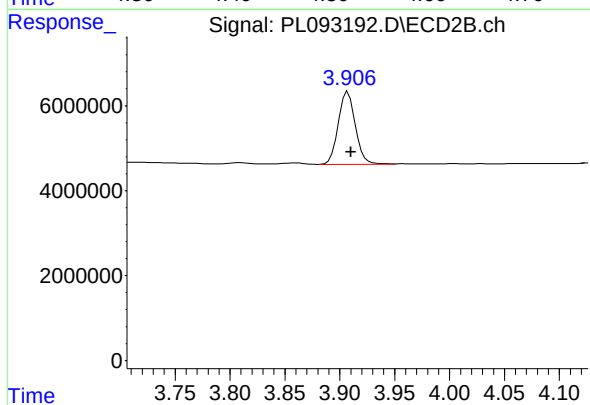
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.003 min
Response: 38033474
Conc: 9.85 ng/ml



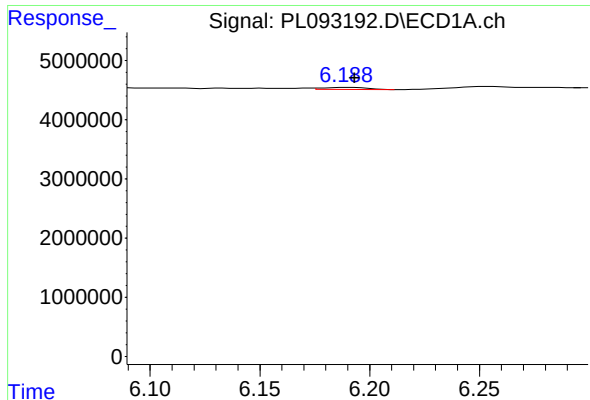
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 16353660
Conc: 11.31 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 18467367
Conc: 11.22 ng/ml



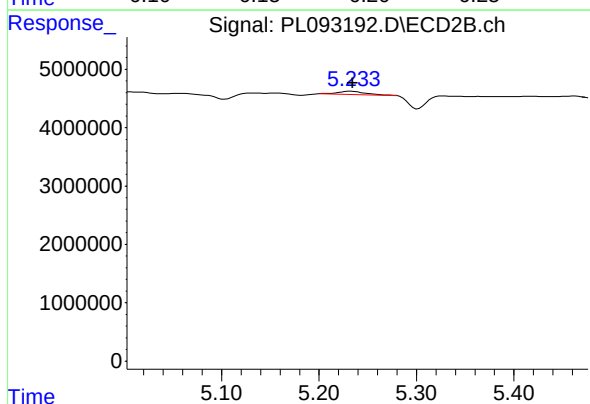
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.005 min
Response: 483707
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

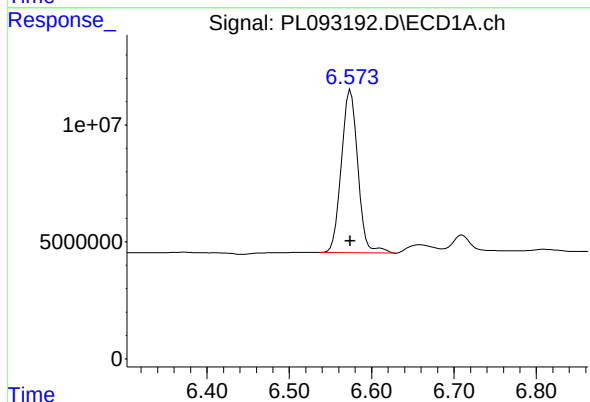
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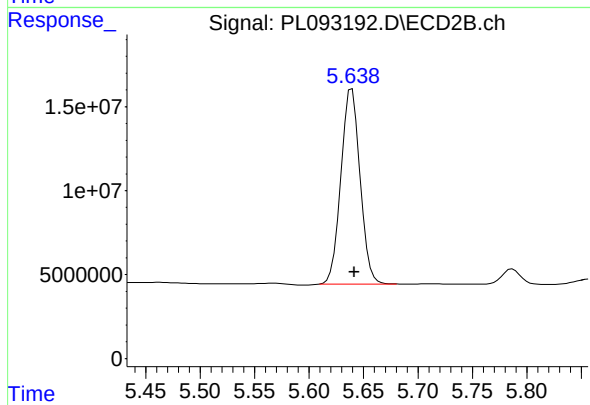
#12 4,4'-DDE

R.T.: 5.234 min
Delta R.T.: -0.001 min
Response: 1054661
Conc: 0.33 ng/ml



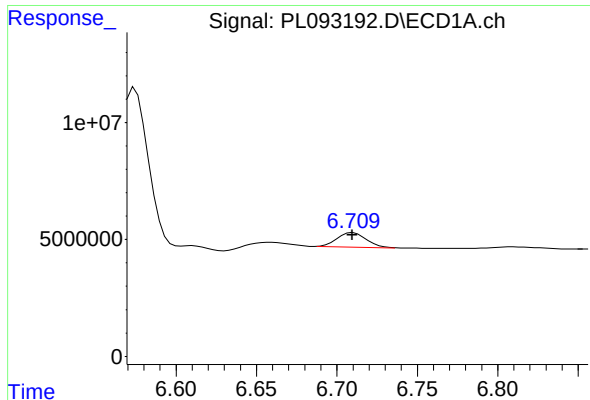
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 96791653
Conc: 42.51 ng/ml



#14 Endrin

R.T.: 5.639 min
Delta R.T.: -0.002 min
Response: 141894616
Conc: 49.05 ng/ml



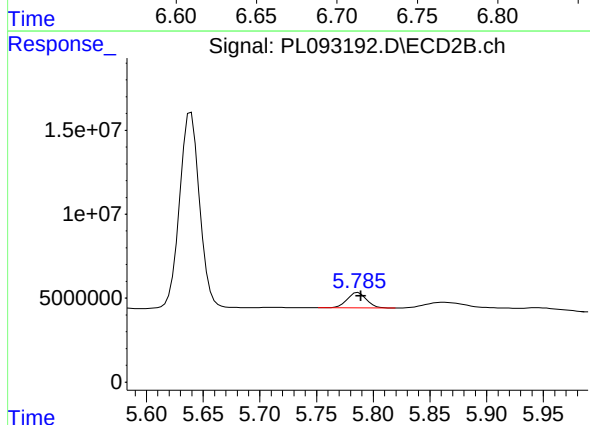
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 7782051
Conc: 4.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

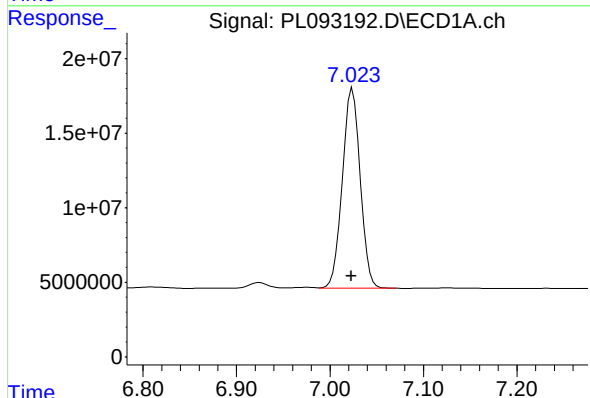
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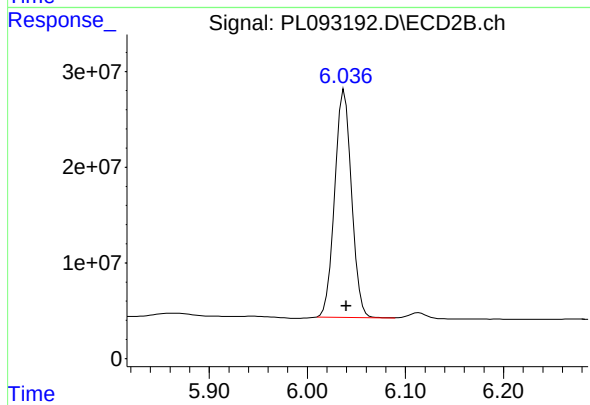
#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: -0.002 min
Response: 10789078
Conc: 4.33 ng/ml



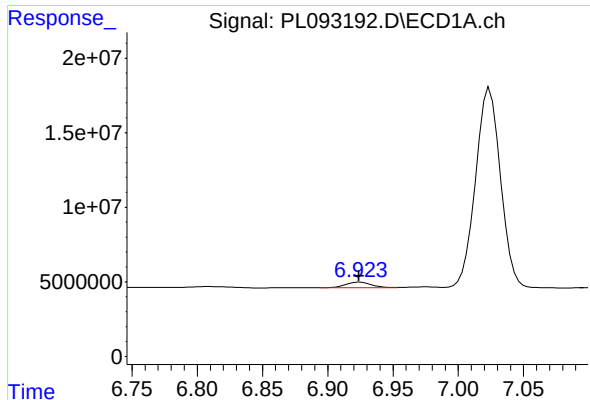
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.001 min
Response: 178346105
Conc: 86.17 ng/ml



#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: -0.002 min
Response: 283952661
Conc: 105.86 ng/ml



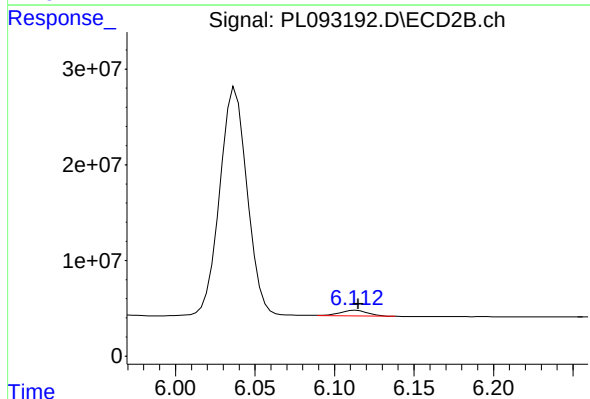
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 5384536
Conc: 2.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

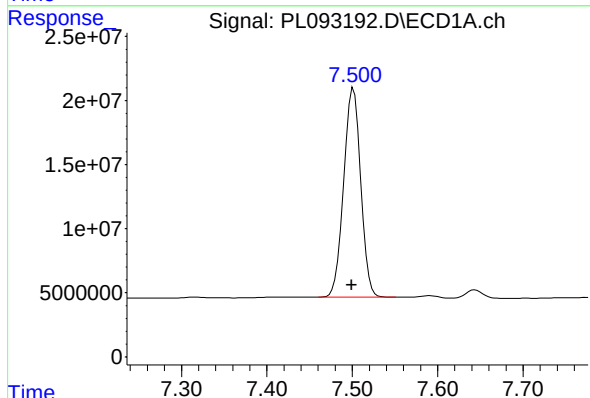
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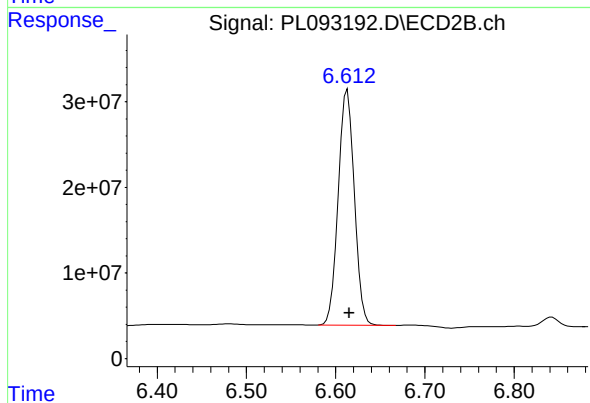
#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.003 min
Response: 7274108
Conc: 3.15 ng/ml m



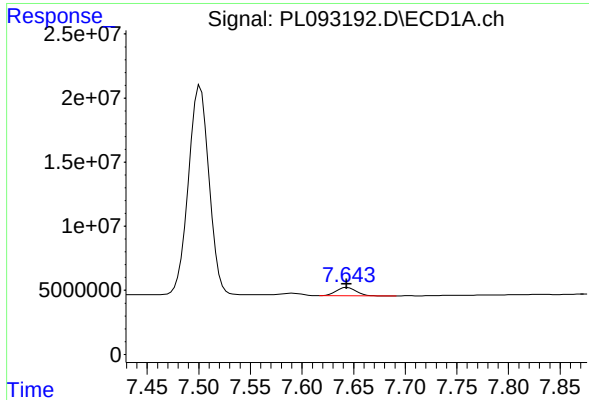
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.002 min
Response: 226188522
Conc: 198.41 ng/ml



#20 Methoxychlor

R.T.: 6.613 min
Delta R.T.: -0.002 min
Response: 345438385
Conc: 241.90 ng/ml



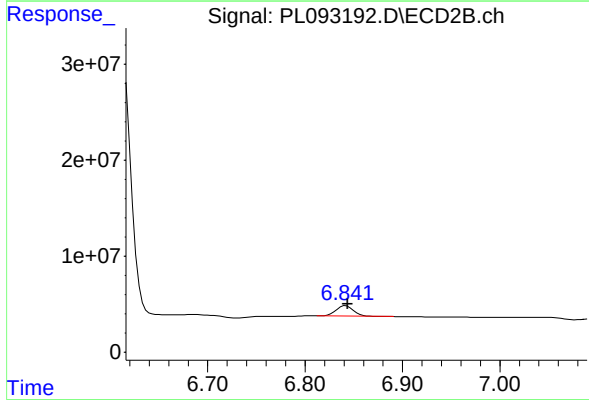
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 8476752
Conc: 3.50 ng/ml

Instrument :
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ClientSampleId :
PEM

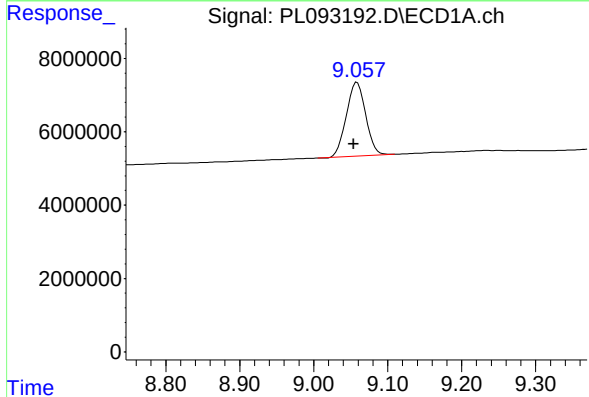
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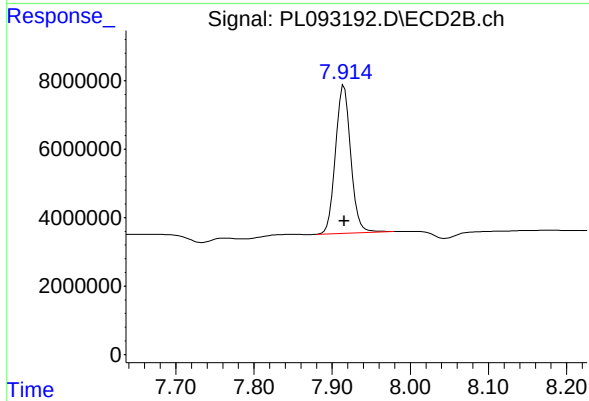
#21 Endrin ketone

R.T.: 6.842 min
Delta R.T.: -0.001 min
Response: 13581987
Conc: 4.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.005 min
Response: 36700568
Conc: 19.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 58801566
Conc: 21.55 ng/ml