

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111524\
 Data File : PL093074.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2024 11:32
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :Ankita Jodhani 11/18/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 20:53:25 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...	3.538	2.776	45229623	49820266	18.459	18.308
28) SA Decachlor...	9.056	7.916	37007379	54919338	19.229	20.123
Target Compounds						
2) A alpha-BHC	3.994	3.279	31912528	35425166	9.409	8.878
3) MA gamma-BHC...	4.325	3.609	30041297	32209403	9.216m	8.346
6) B beta-BHC	4.524	3.909	13991027	16830348	9.679	10.223
12) B 4,4'-DDE	6.188	5.234	262397	464240	0.111m	0.144m#
14) MA Endrin	6.574	5.640	96047500	132.0E6	42.188	45.613
16) A 4,4'-DDD	6.710	5.790	969222	1663122	0.505m	0.668 #
17) MA 4,4'-DDT	7.025	6.038	175.0E6	273.1E6	84.544	101.831
18) B Endrin al...	6.925	6.114	2352531	3097443	1.253	1.342
20) A Methoxychlor	7.501	6.614	229.1E6	338.4E6	200.958	236.982
21) B Endrin ke...	7.644	6.841	3682725	5505638	1.520	1.794m

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

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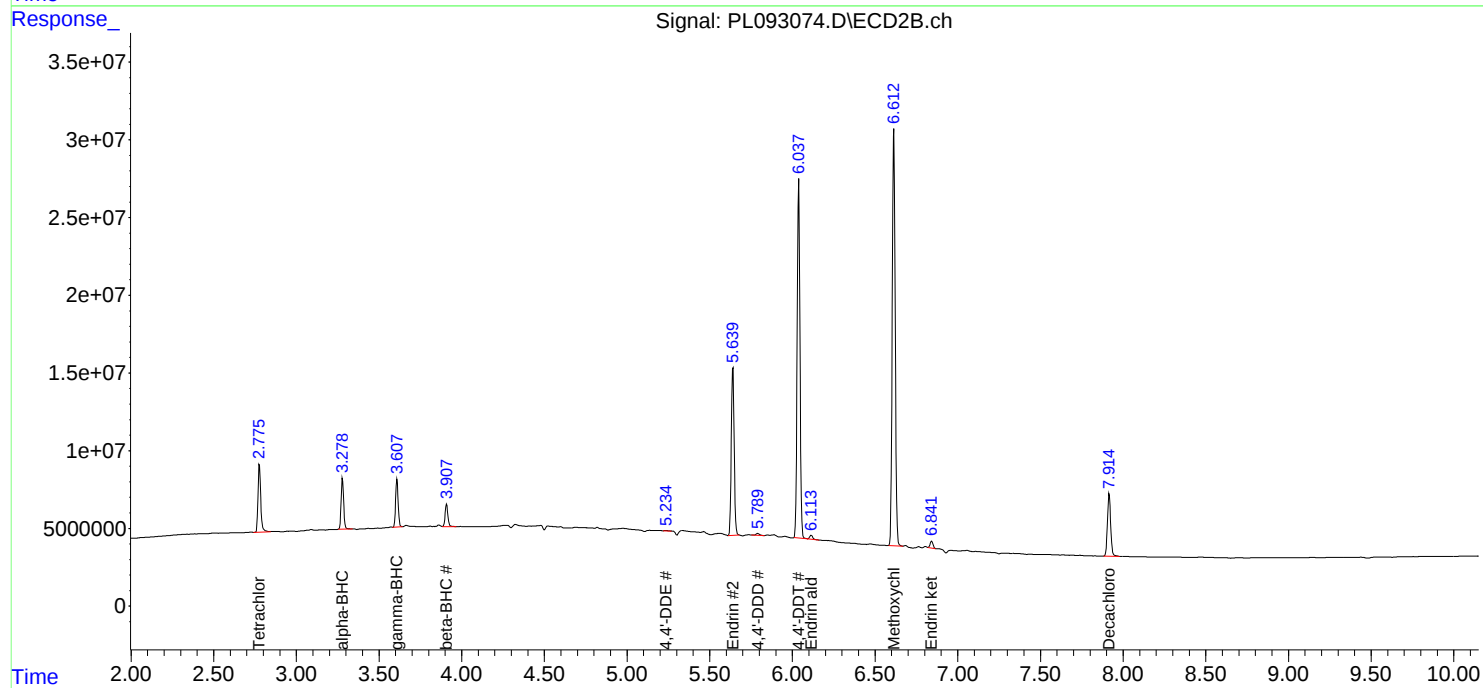
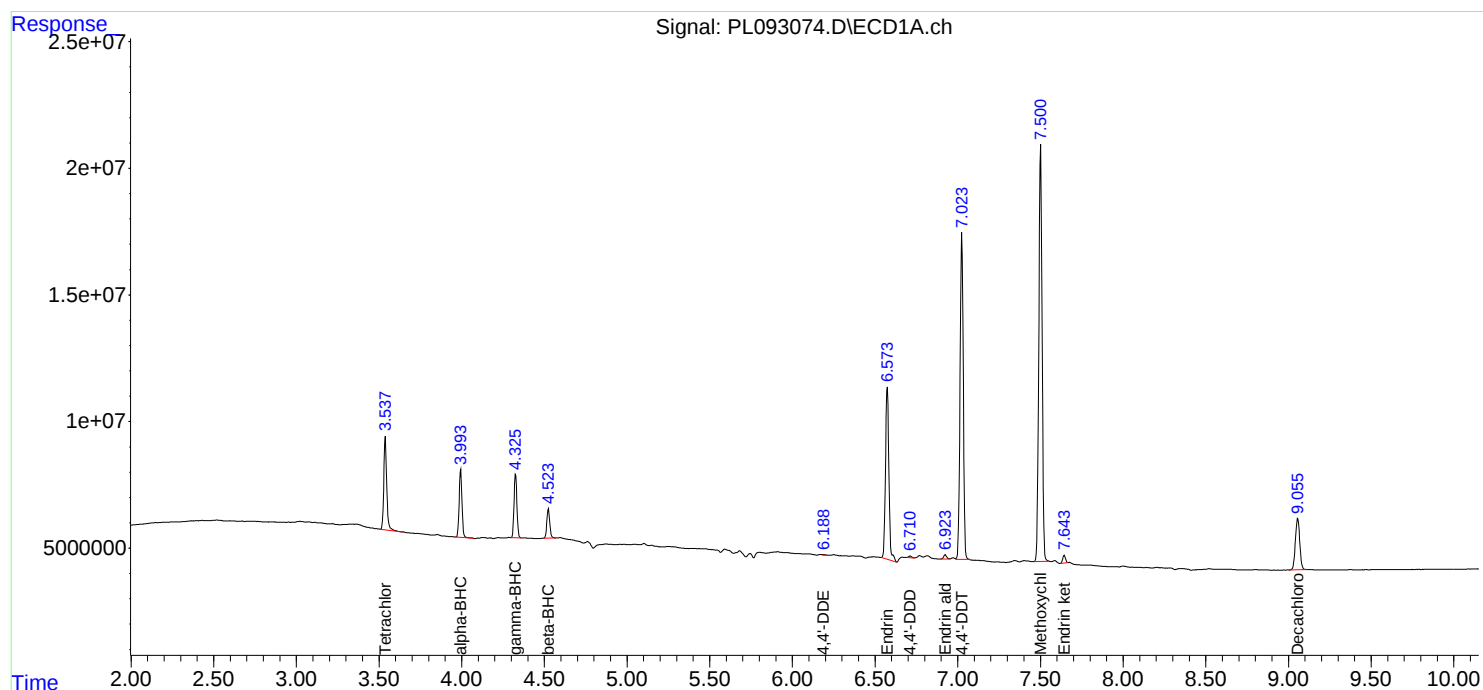
Instrument :
ECD_L
ClientSampleId :
PEM

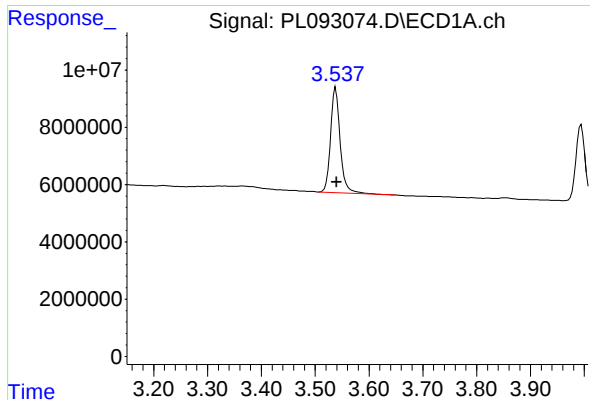
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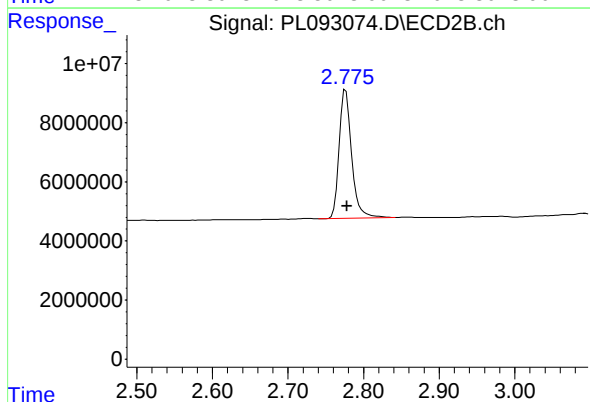
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.002 min
Response: 45229623
Conc: 18.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

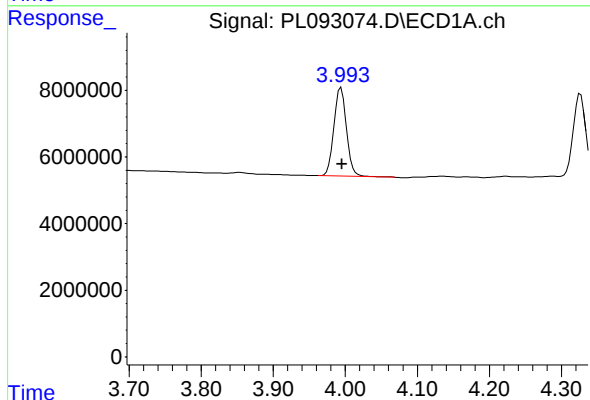
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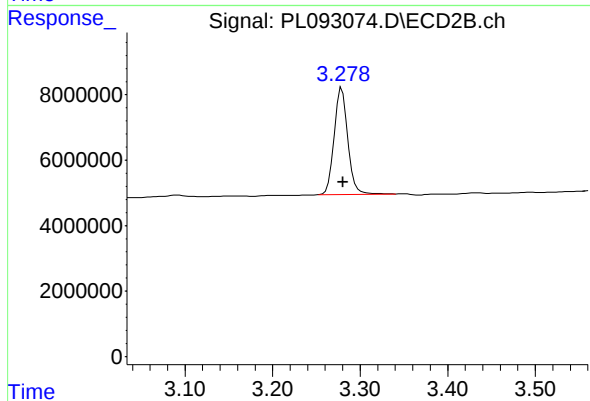
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.001 min
Response: 49820266
Conc: 18.31 ng/ml



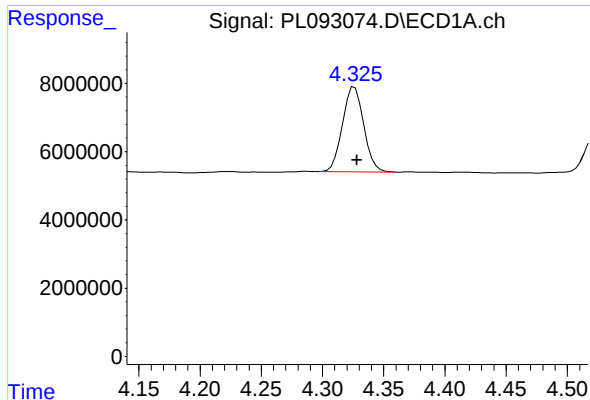
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.002 min
Response: 31912528
Conc: 9.41 ng/ml



#2 alpha-BHC

R.T.: 3.279 min
Delta R.T.: -0.001 min
Response: 35425166
Conc: 8.88 ng/ml



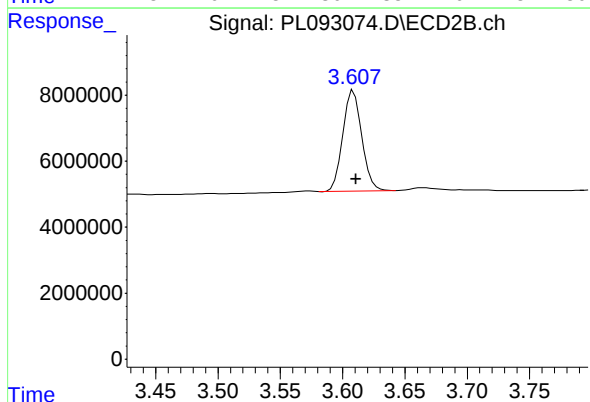
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.003 min
Response: 30041297
Conc: 9.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

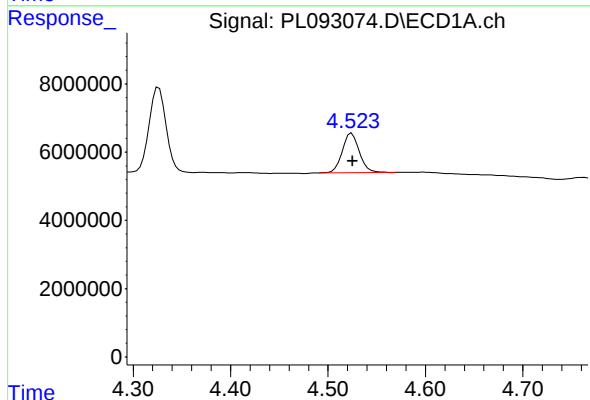
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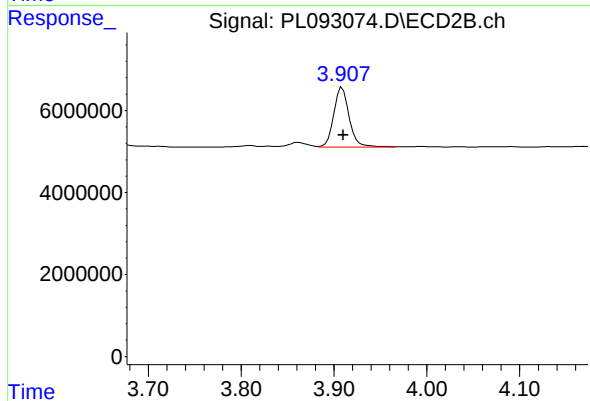
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: -0.002 min
Response: 32209403
Conc: 8.35 ng/ml



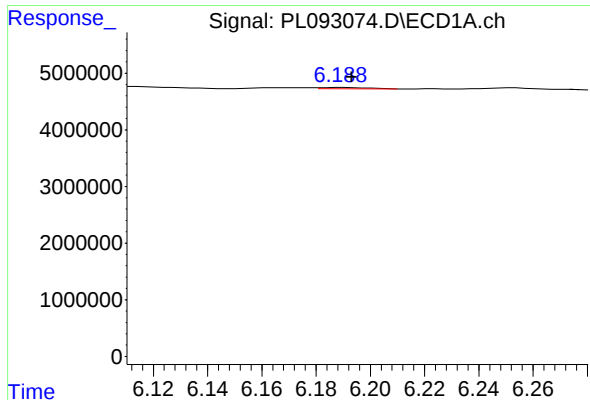
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 13991027
Conc: 9.68 ng/ml



#6 beta-BHC

R.T.: 3.909 min
Delta R.T.: -0.001 min
Response: 16830348
Conc: 10.22 ng/ml



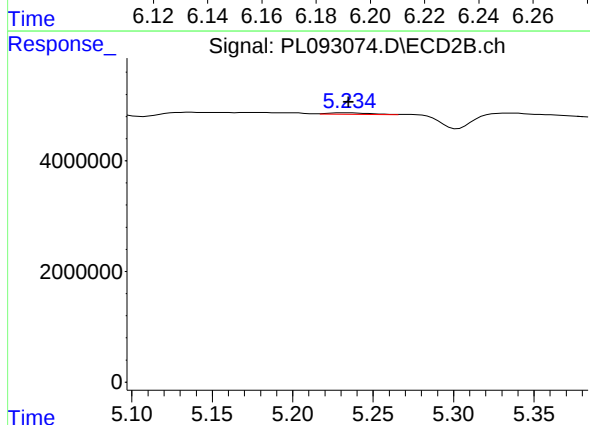
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.005 min
Response: 262397
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

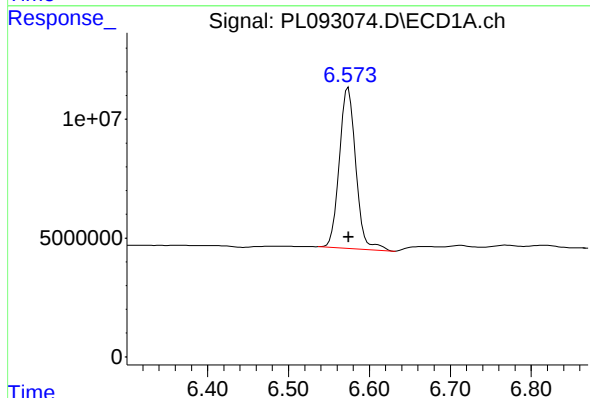
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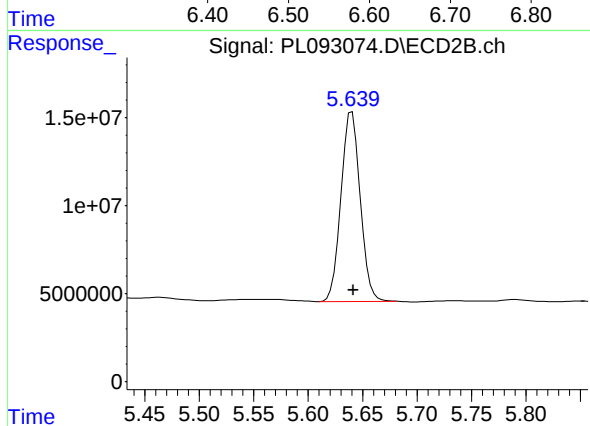
#12 4,4'-DDE

R.T.: 5.234 min
Delta R.T.: -0.001 min
Response: 464240
Conc: 0.14 ng/ml



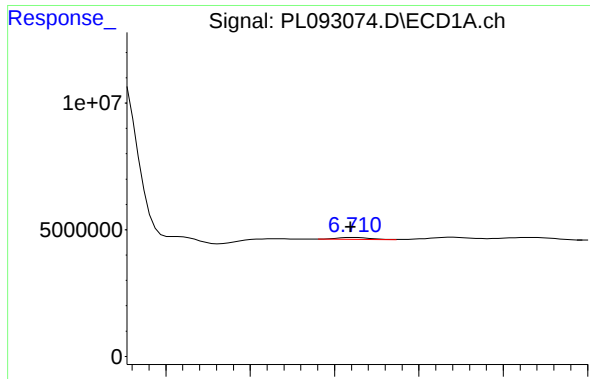
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 96047500
Conc: 42.19 ng/ml



#14 Endrin

R.T.: 5.640 min
Delta R.T.: -0.001 min
Response: 131957895
Conc: 45.61 ng/ml



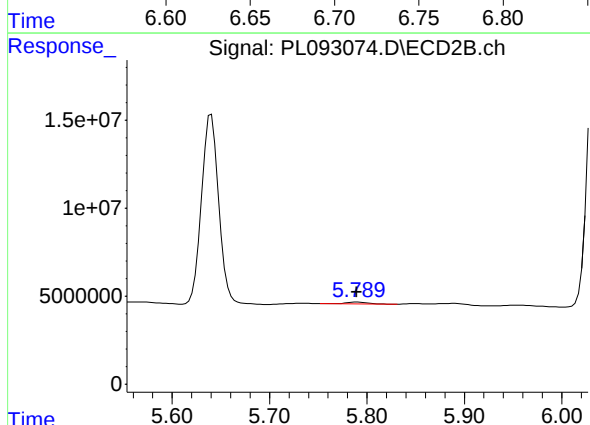
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 969222
Conc: 0.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

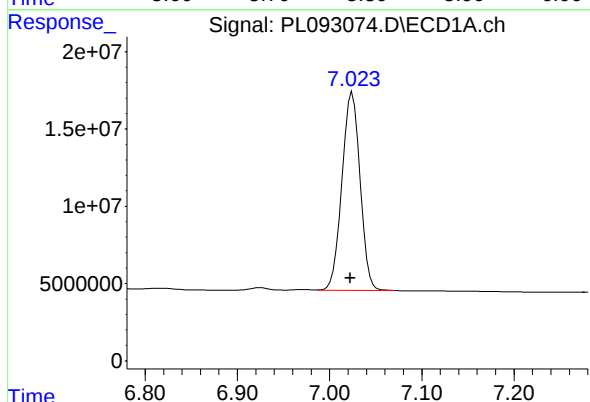
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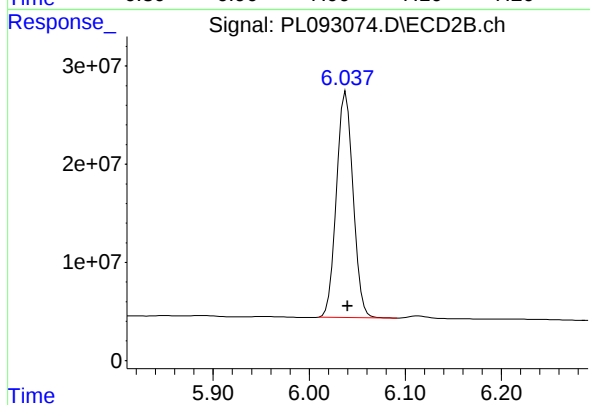
#16 4,4'-DDD

R.T.: 5.790 min
Delta R.T.: 0.000 min
Response: 1663122
Conc: 0.67 ng/ml



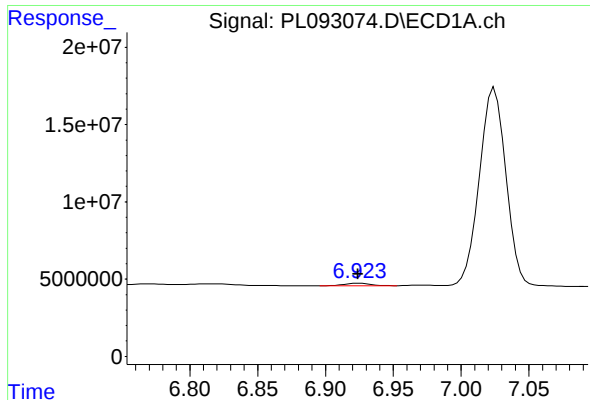
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.002 min
Response: 174985906
Conc: 84.54 ng/ml



#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: -0.002 min
Response: 273136071
Conc: 101.83 ng/ml



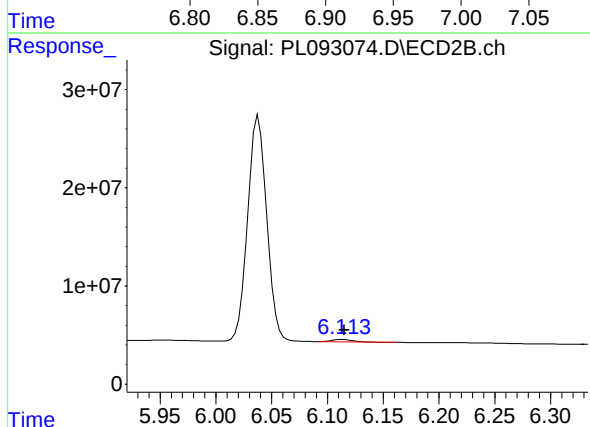
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 2352531
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

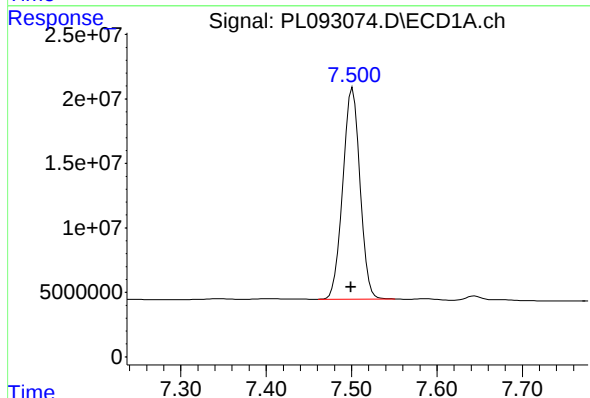
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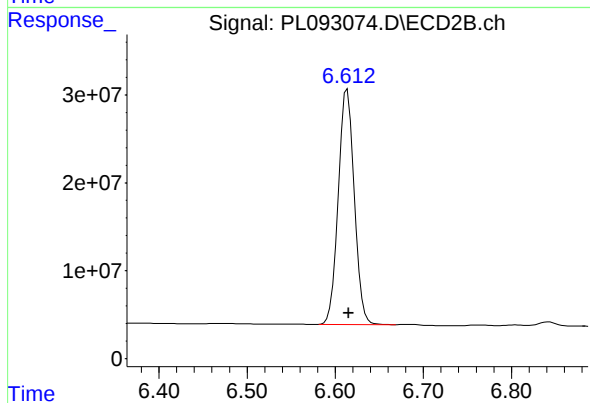
#18 Endrin aldehyde

R.T.: 6.114 min
Delta R.T.: -0.001 min
Response: 3097443
Conc: 1.34 ng/ml



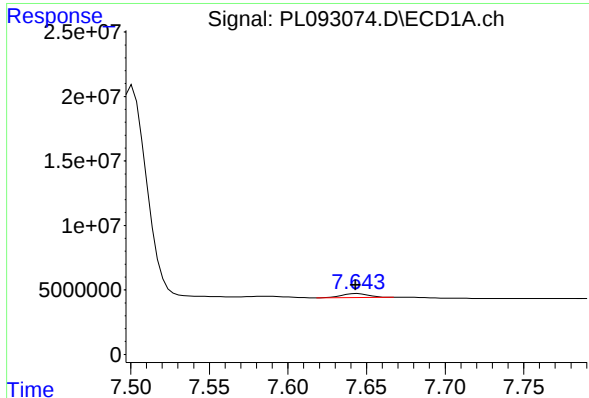
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.002 min
Response: 229092218
Conc: 200.96 ng/ml



#20 Methoxychlor

R.T.: 6.614 min
Delta R.T.: -0.001 min
Response: 338416805
Conc: 236.98 ng/ml



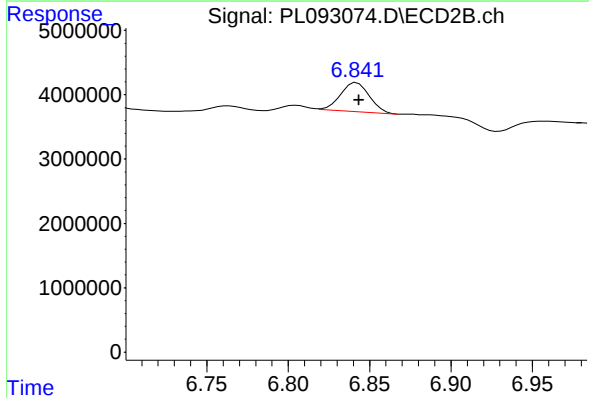
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.001 min
Response: 3682725
Conc: 1.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

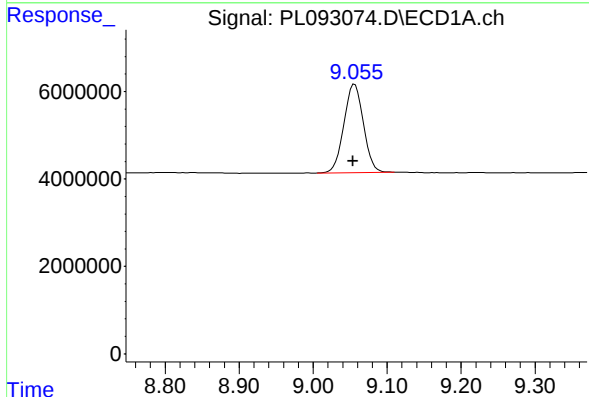
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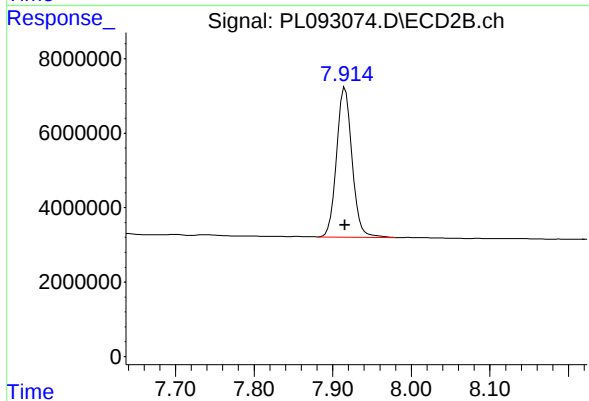
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: -0.003 min
Response: 5505638
Conc: 1.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.002 min
Response: 37007379
Conc: 19.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.916 min
Delta R.T.: 0.000 min
Response: 54919338
Conc: 20.12 ng/ml