

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
 Data File : PL093515.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Dec 2024 11:22
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/27/2024
 Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 26 13:39:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 15:29:41 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.539	2.774	54401953	58958935	21.974	20.252
28) SA Decachlor...	9.055	7.912	43362095	69063962	23.451	23.130
Target Compounds						
2) A alpha-BHC	3.994	3.277	40156056	43358300	11.631	9.975
3) MA gamma-BHC...	4.327	3.607	37398040	40652051	11.404	9.635
6) B beta-BHC	4.526	3.908	17483792	19751193	12.128	10.988
12) B 4,4'-DDE	6.192	5.236	541113	663297	0.241m	0.180m#
14) MA Endrin	6.575	5.638	108.8E6	171.8E6	50.527	51.926
16) A 4,4'-DDD	6.711	5.788	2131083	2343880	1.214m	0.828 #
17) MA 4,4'-DDT	7.025	6.037	192.3E6	355.5E6	104.032	117.698
18) B Endrin al...	6.925	6.112	2823015	5214438	1.591	1.936
20) A Methoxychlor	7.501	6.612	238.0E6	420.3E6	238.047	261.103
21) B Endrin ke...	7.643	6.840	5372218	7759806	2.394	2.132

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

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ALS Vial : 3 Sample Multiplier: 1

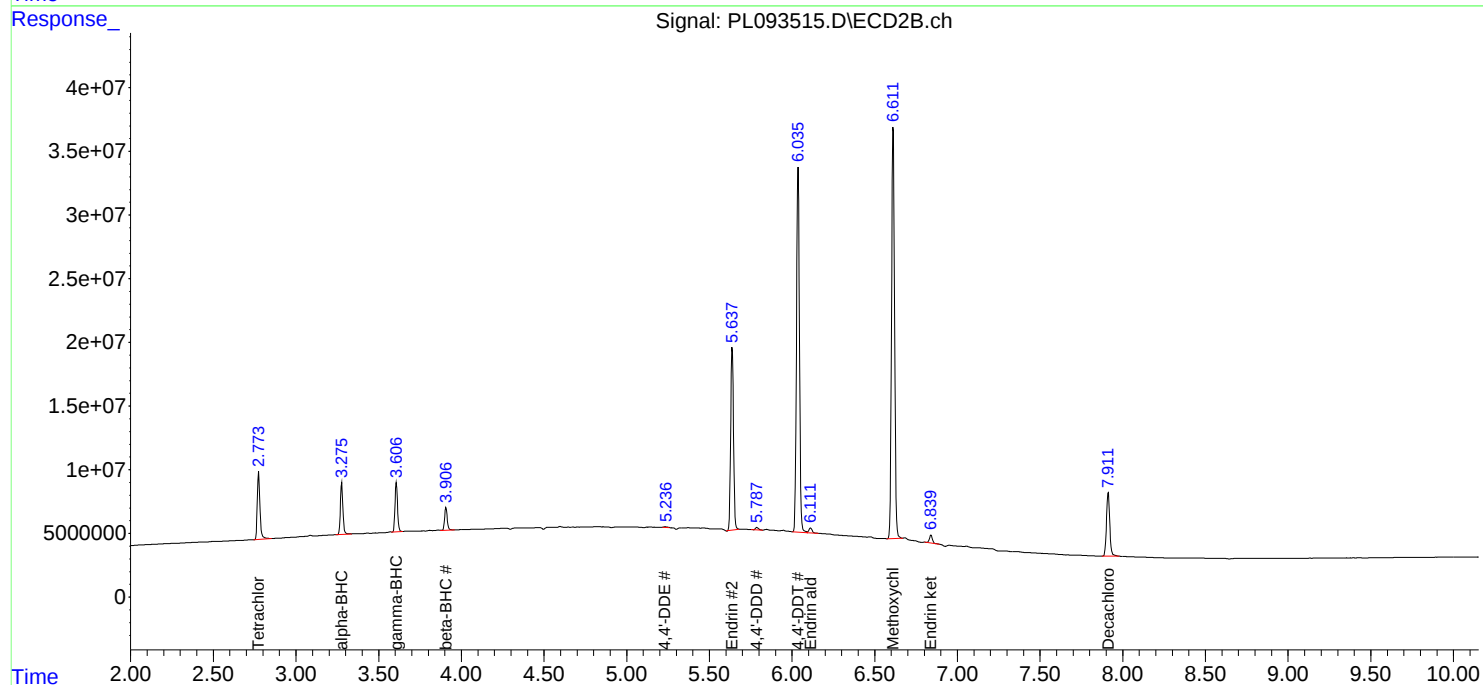
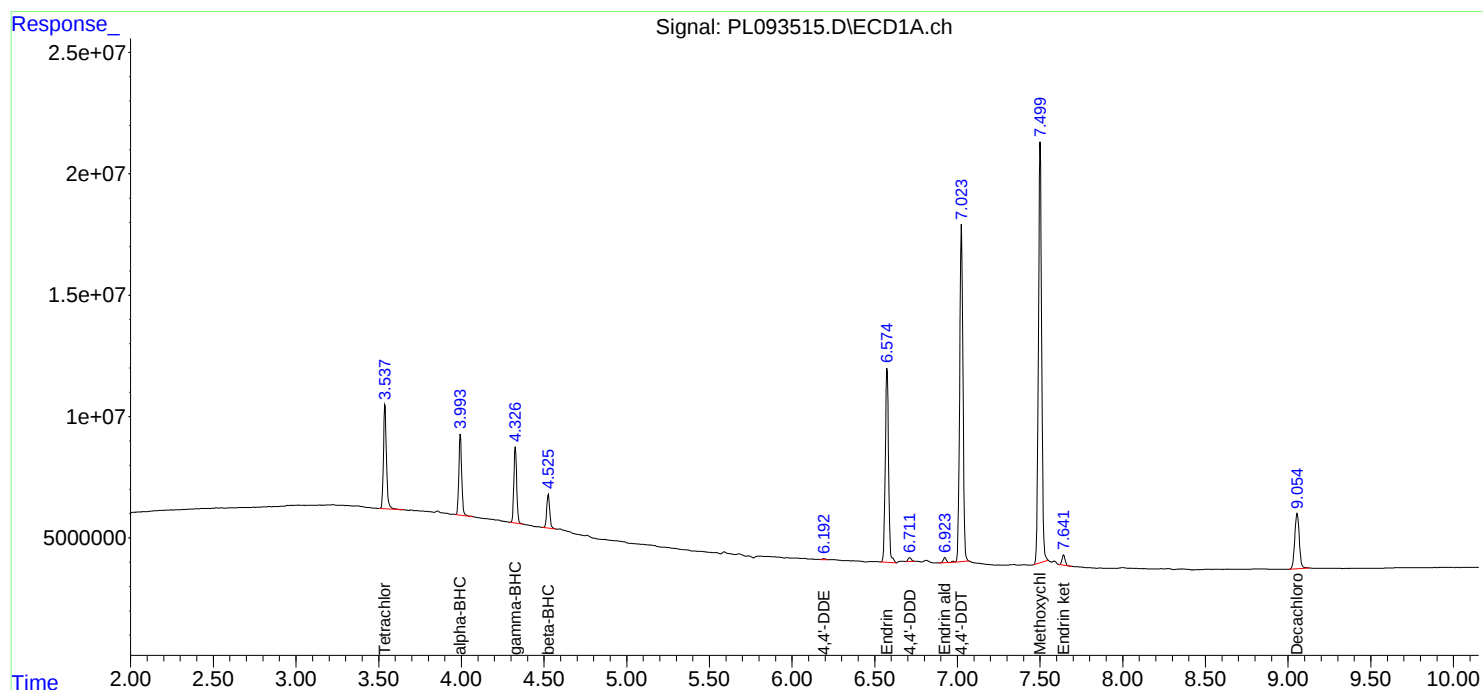
Instrument :
ECD_L
ClientSampleId :
PEM

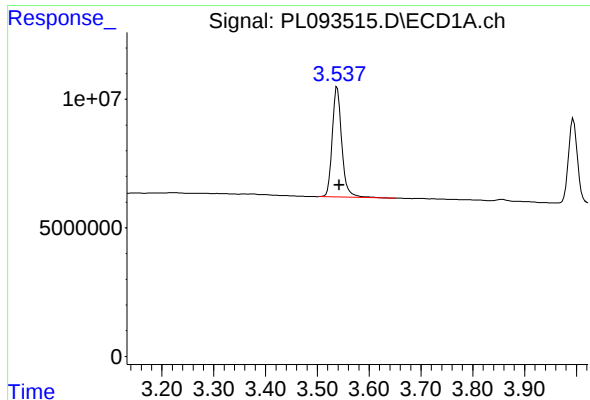
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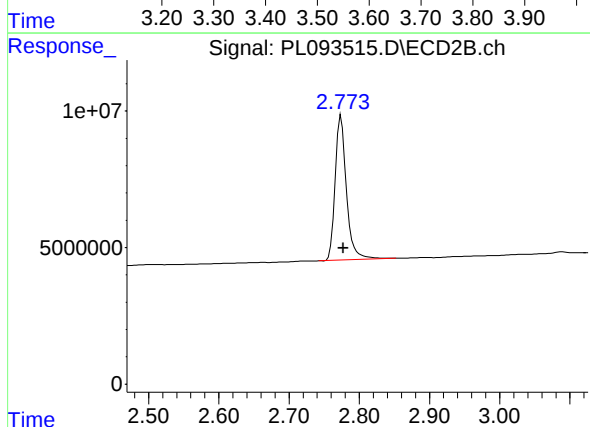
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: -0.003 min
Response: 54401953
Conc: 21.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

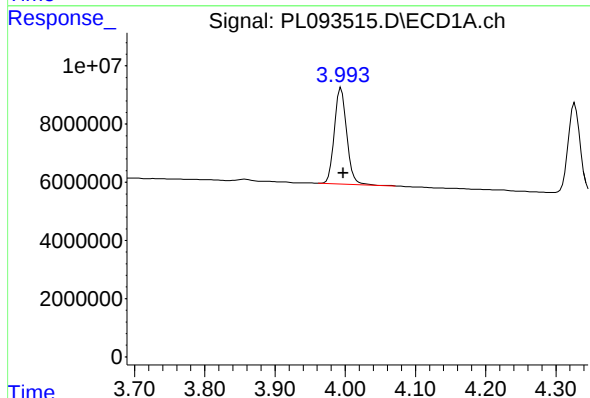
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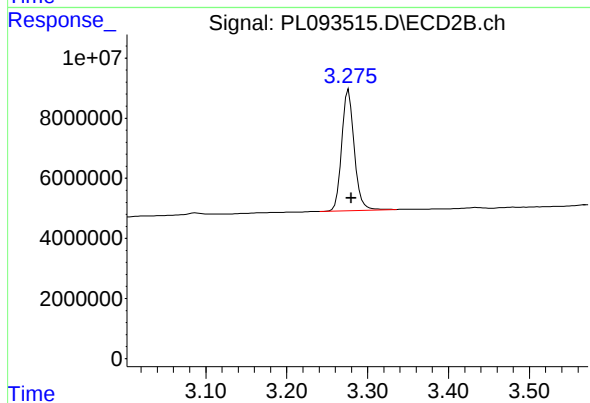
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.003 min
Response: 58958935
Conc: 20.25 ng/ml



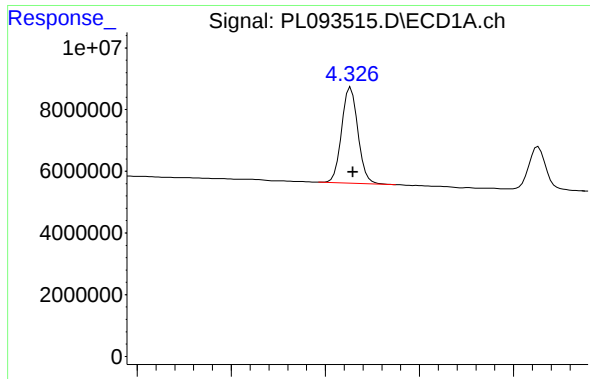
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.003 min
Response: 40156056
Conc: 11.63 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.003 min
Response: 43358300
Conc: 9.97 ng/ml



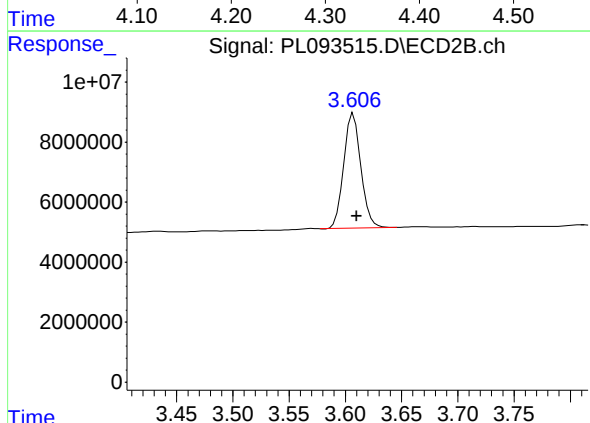
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: -0.002 min
Response: 37398040
Conc: 11.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

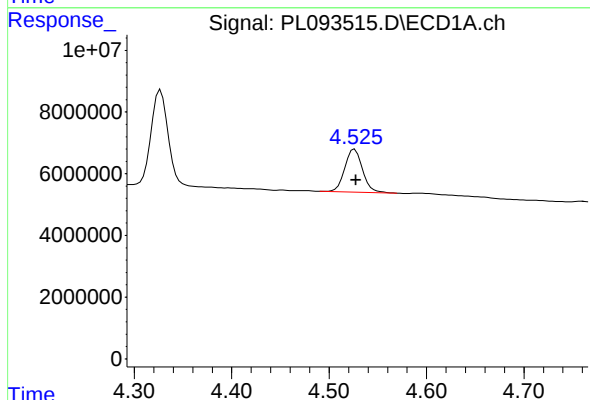
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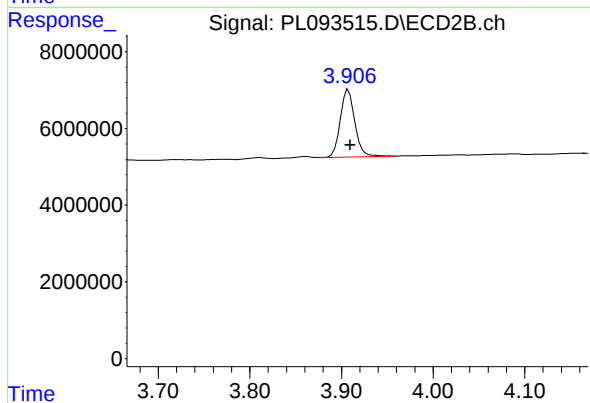
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.003 min
Response: 40652051
Conc: 9.63 ng/ml



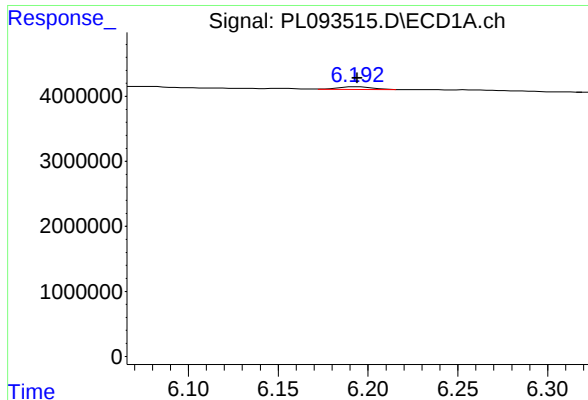
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.001 min
Response: 17483792
Conc: 12.13 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: -0.002 min
Response: 19751193
Conc: 10.99 ng/ml



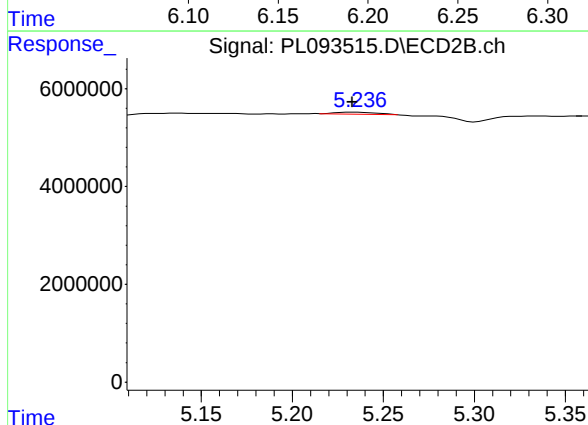
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.002 min
Response: 541113
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

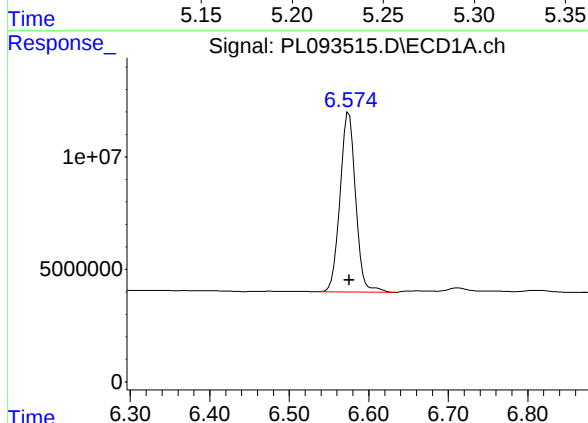
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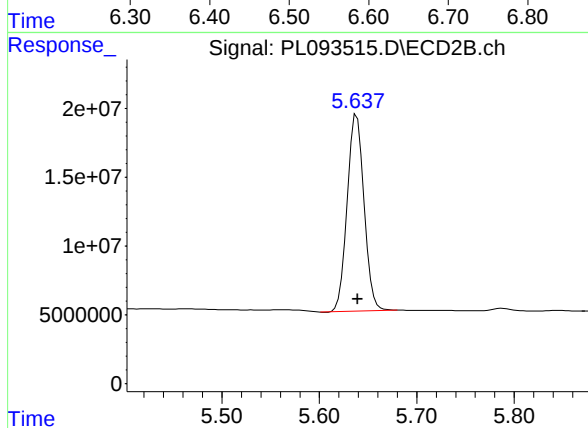
#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: 0.003 min
Response: 663297
Conc: 0.18 ng/ml



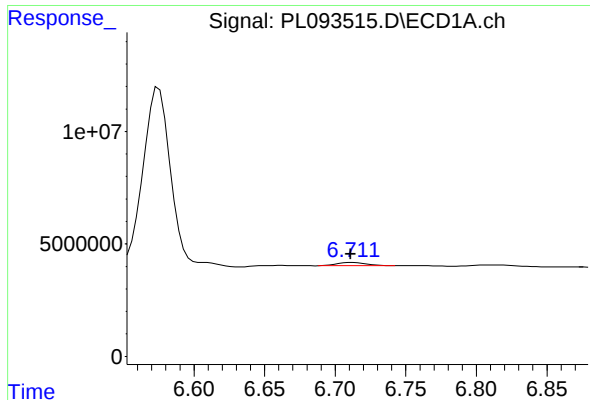
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 108757410
Conc: 50.53 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.001 min
Response: 171787093
Conc: 51.93 ng/ml



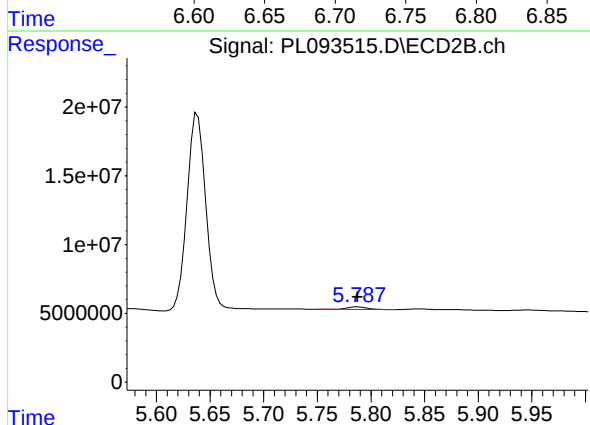
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 2131083
Conc: 1.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

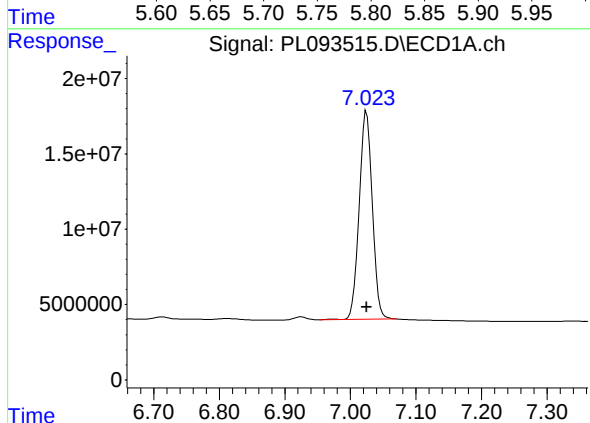
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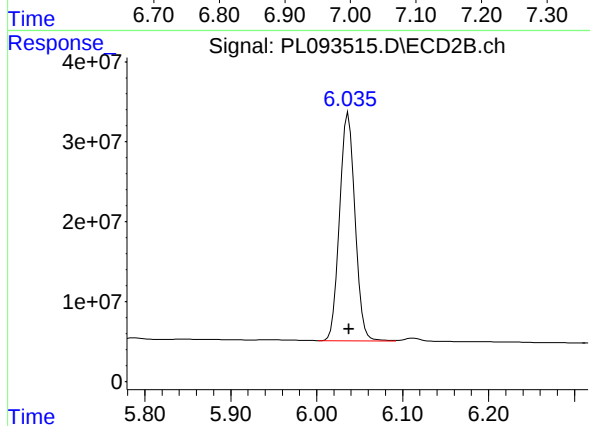
#16 4,4'-DDD

R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 2343880
Conc: 0.83 ng/ml



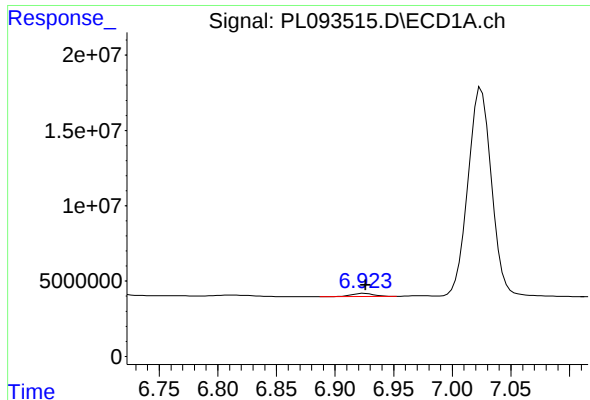
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 192305544
Conc: 104.03 ng/ml



#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: 0.000 min
Response: 355484903
Conc: 117.70 ng/ml



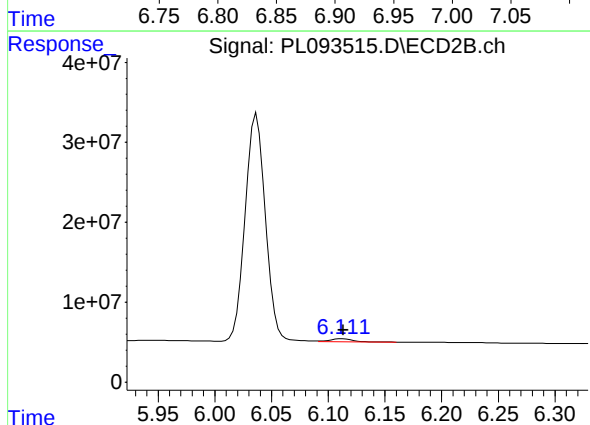
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.001 min
Response: 2823015
Conc: 1.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

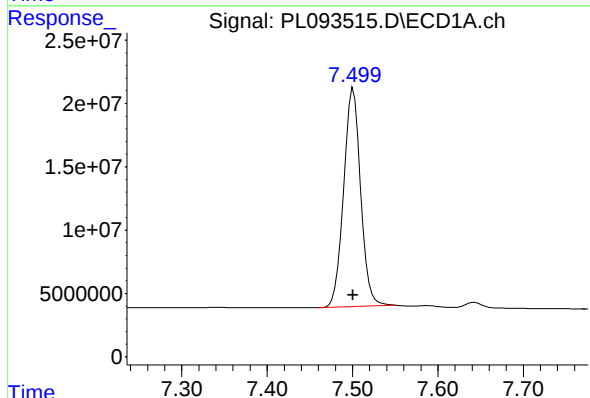
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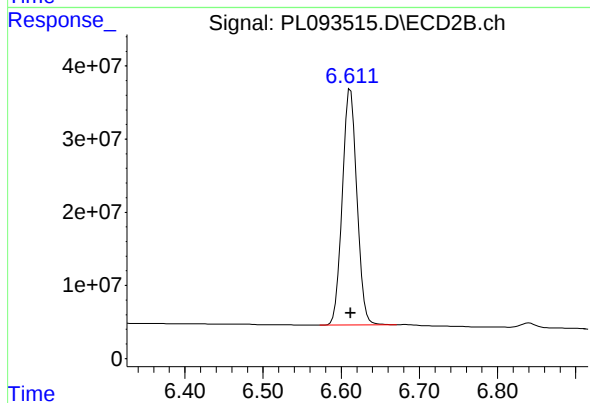
#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 5214438
Conc: 1.94 ng/ml



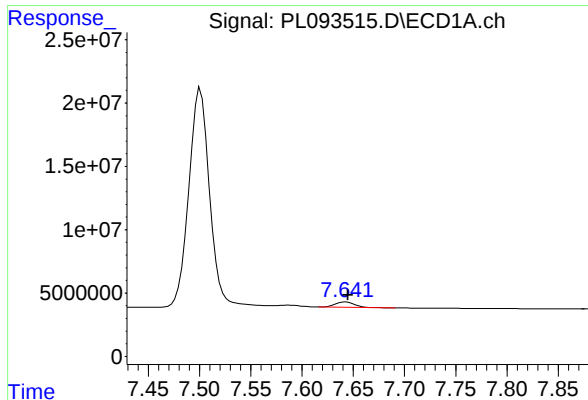
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 237970560
Conc: 238.05 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 420281308
Conc: 261.10 ng/ml



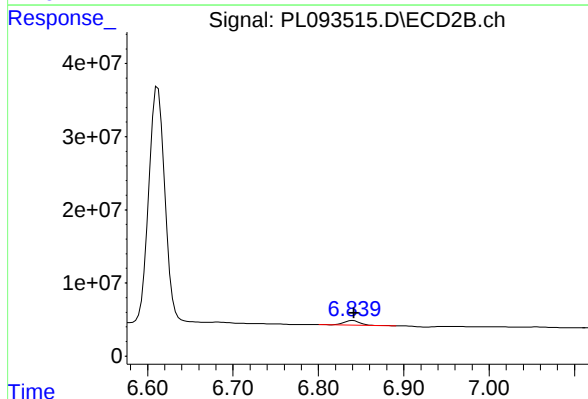
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 5372218
Conc: 2.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

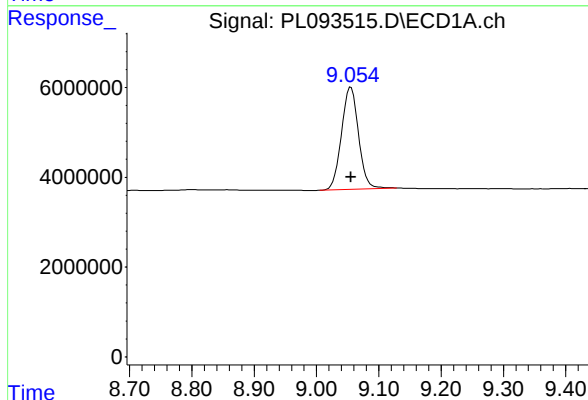
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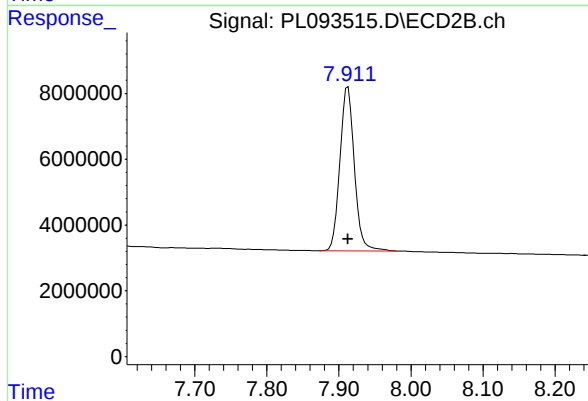
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: -0.001 min
Response: 7759806
Conc: 2.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 43362095
Conc: 23.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 69063962
Conc: 23.13 ng/ml