

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012425\
 Data File : PL093782.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2025 10:15
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/27/2025
 Supervised By : Ankita Jodhani 01/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 22:42:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 2025
 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	2.775	57799790	67418917	21.465	20.654
28)	SA Decachlor...	9.057	7.911	45235140	72278181	21.624	20.627
Target Compounds							
2)	A alpha-BHC	3.995	3.277	42669854	48643053	11.130	9.950
3)	MA gamma-BHC...	4.328	3.607	40437497	45613562	10.980	9.621
6)	B beta-BHC	4.526	3.907	18604287	22593280	11.575	11.311
12)	B 4,4'-DDE	6.191	5.229	725143	715415	0.298m	0.178m#
14)	MA Endrin	6.573	5.637	105.4E6	175.7E6	44.936m	47.588
16)	A 4,4'-DDD	6.711	5.786	8776700	10526392	4.618	3.335 #
17)	MA 4,4'-DDT	7.025	6.036	194.1E6	367.2E6	98.408	112.852
18)	B Endrin al...	6.925	6.112	4638775	7755963	2.386	2.547
20)	A Methoxychlor	7.501	6.611	239.8E6	421.5E6	229.788	235.722
21)	B Endrin ke...	7.644	6.839	9643521	16277129	3.823	3.880

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

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Data File : PL093782.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jan 2025 10:15
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

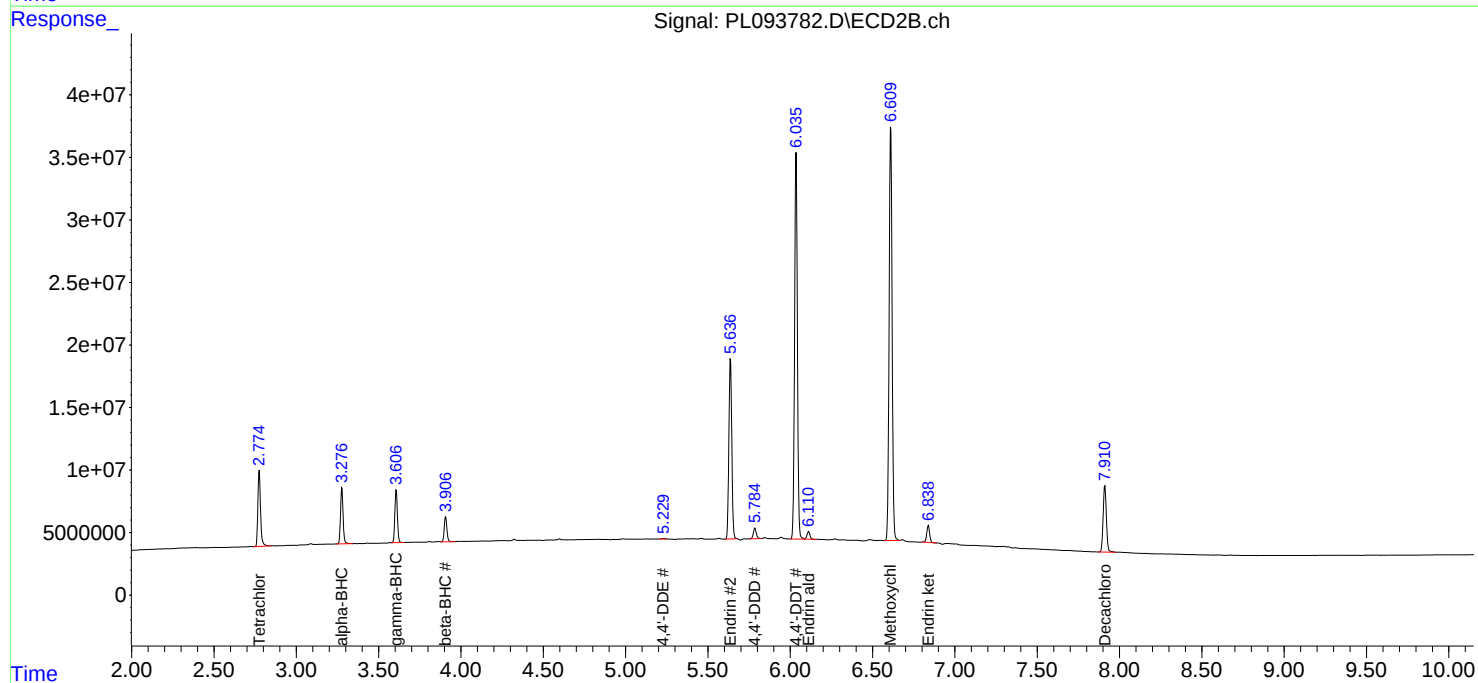
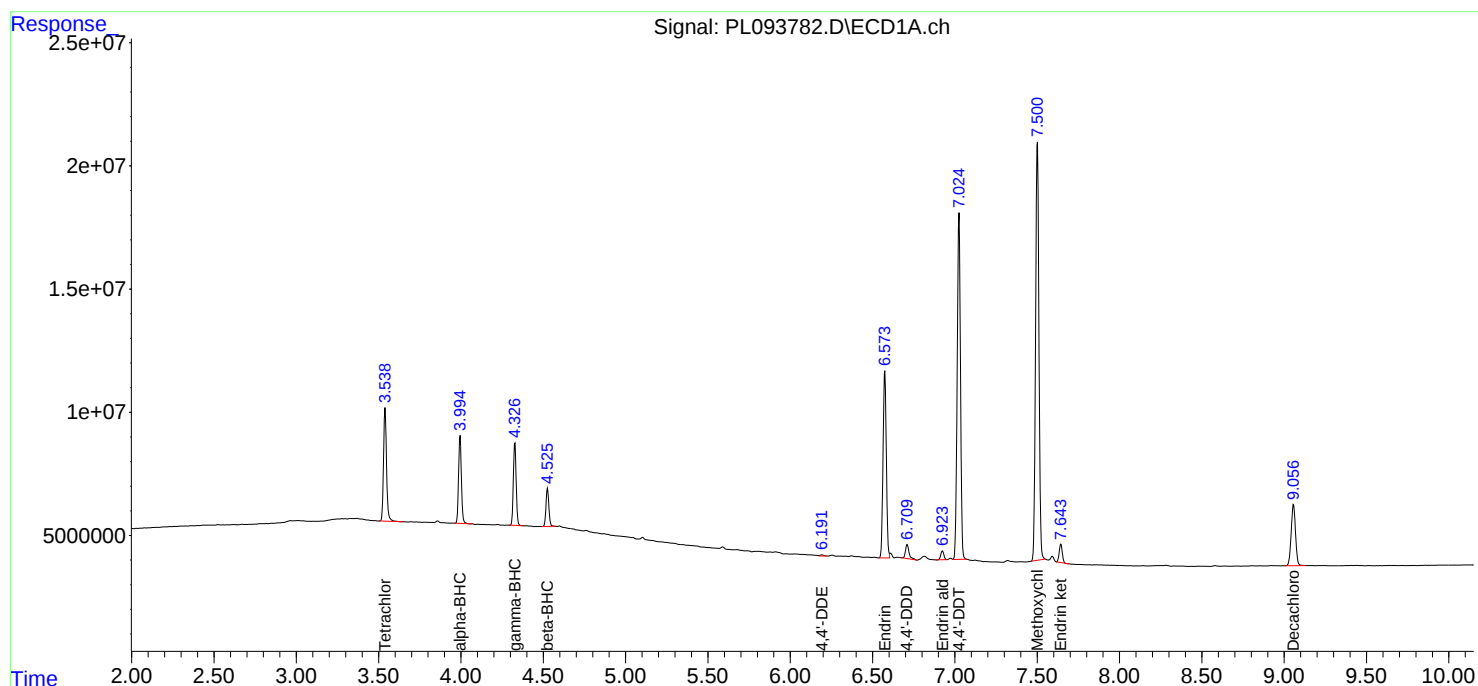
Instrument :
ECD_L
ClientSampleId :
PEM

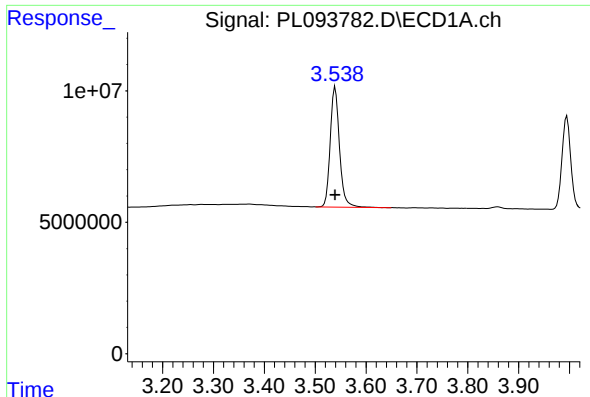
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 24 22:42:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
Response 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





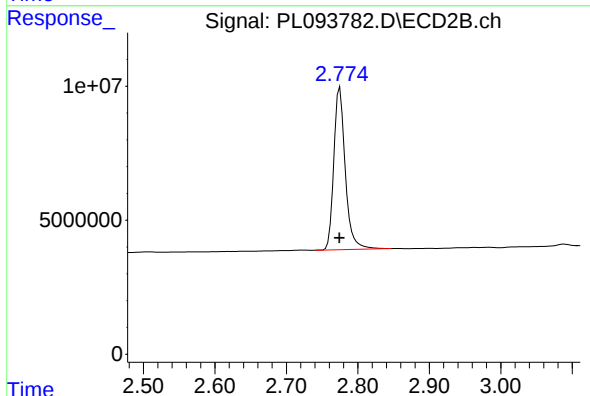
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 57799790
Conc: 21.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

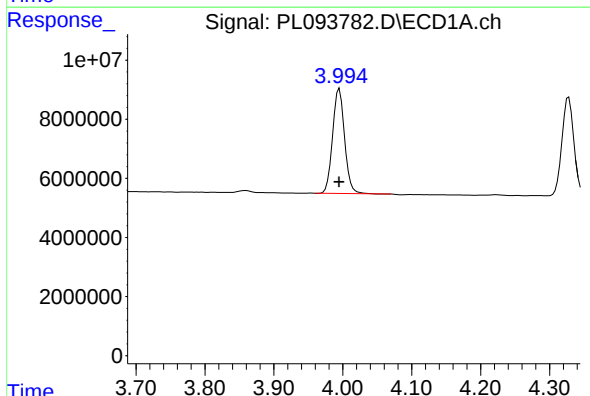
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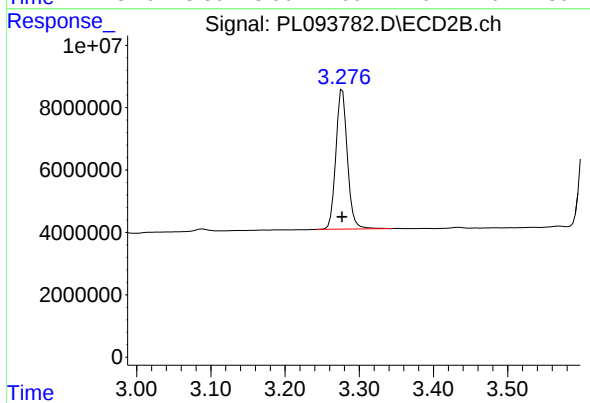
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 67418917
Conc: 20.65 ng/ml



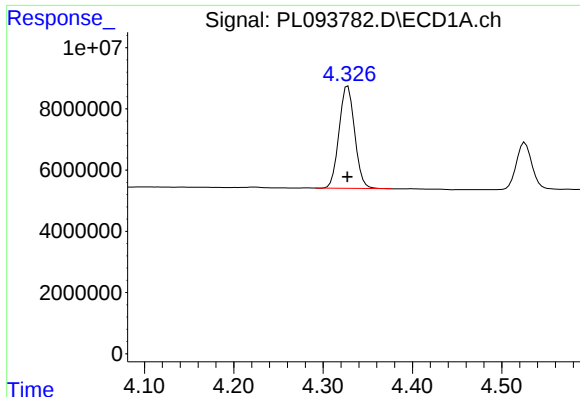
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 42669854
Conc: 11.13 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 48643053
Conc: 9.95 ng/ml



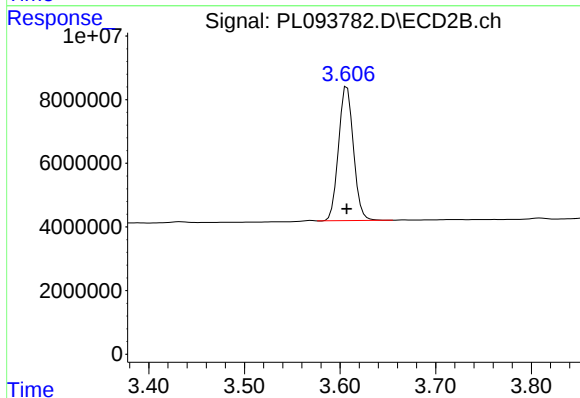
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 40437497
Conc: 10.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

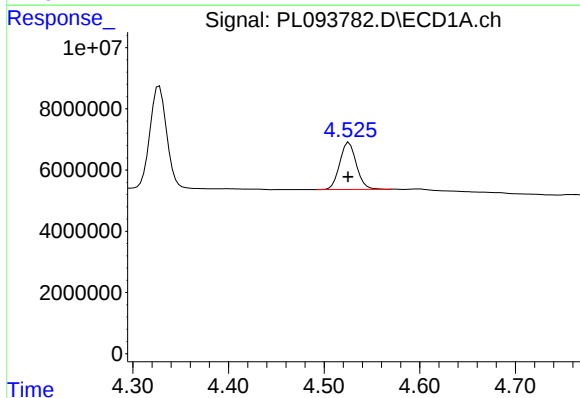
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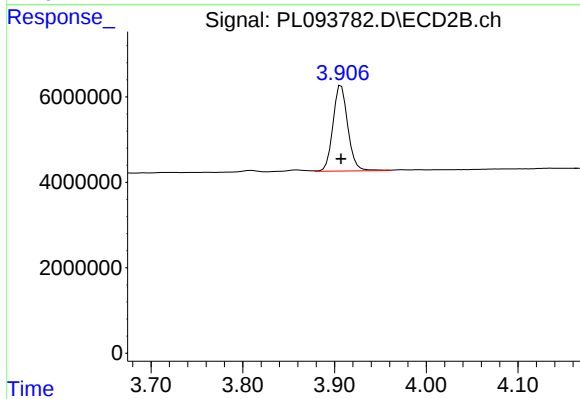
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 45613562
Conc: 9.62 ng/ml



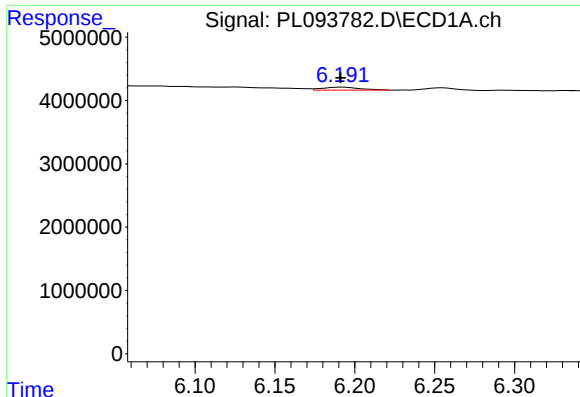
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 18604287
Conc: 11.57 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 22593280
Conc: 11.31 ng/ml



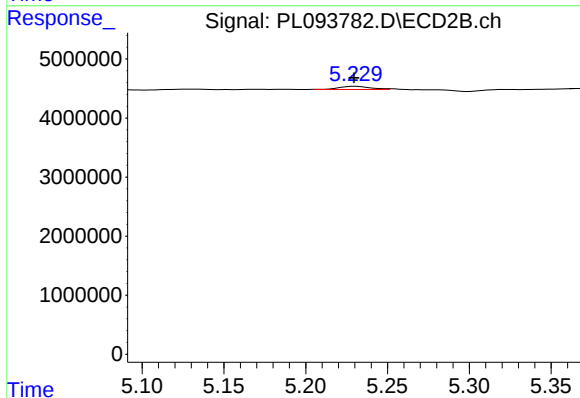
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 725143
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

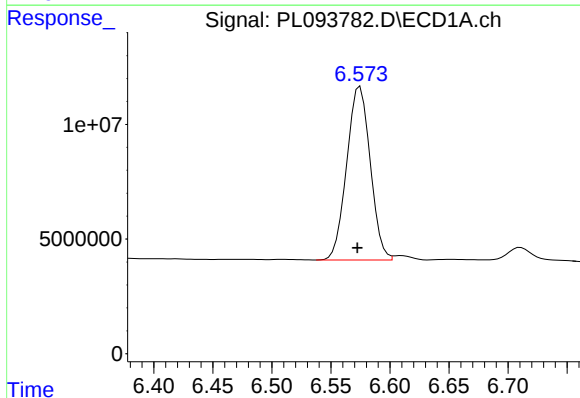
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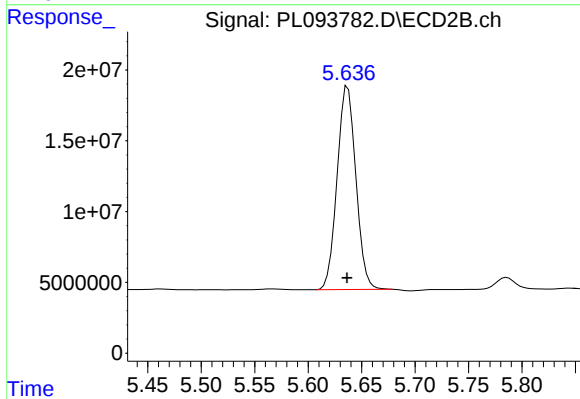
#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 715415
Conc: 0.18 ng/ml m



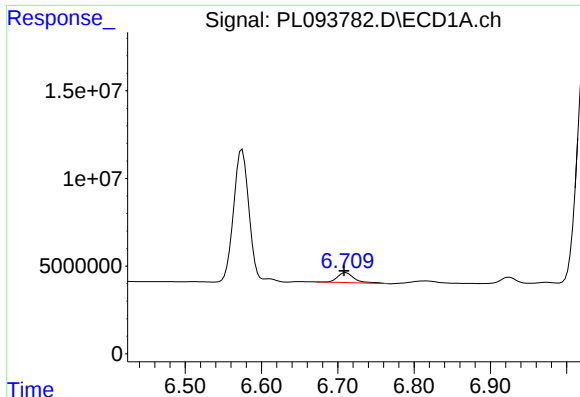
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 105365679
Conc: 44.94 ng/ml m



#14 Endrin

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 175725942
Conc: 47.59 ng/ml



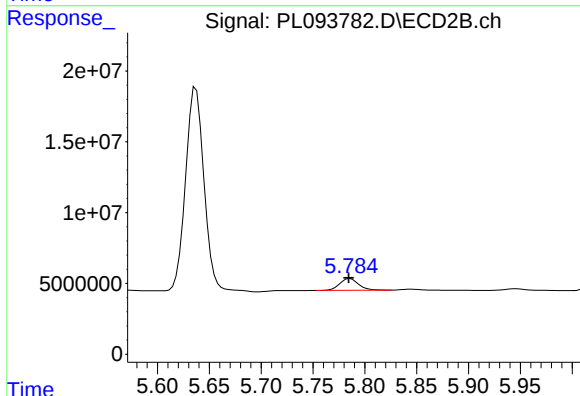
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.002 min
Response: 8776700
Conc: 4.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

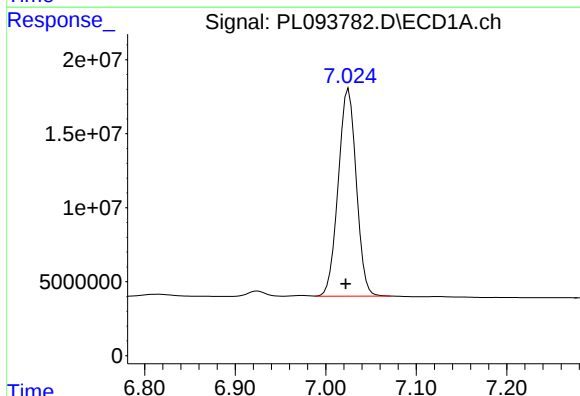
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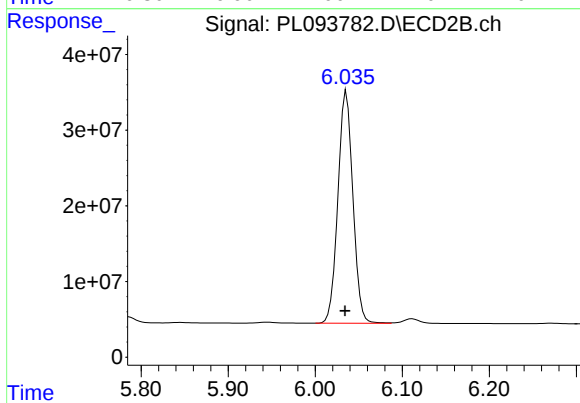
#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: 0.001 min
Response: 10526392
Conc: 3.33 ng/ml



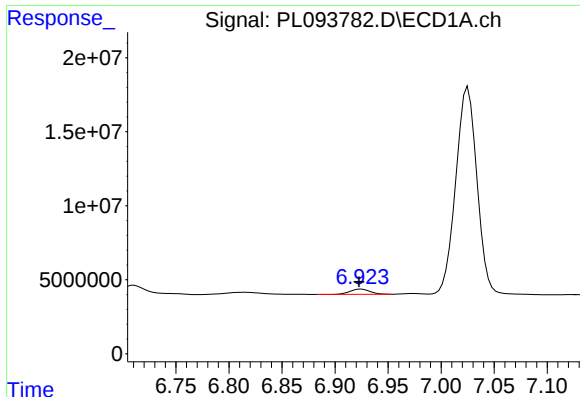
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.003 min
Response: 194066493
Conc: 98.41 ng/ml



#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: 0.002 min
Response: 367224156
Conc: 112.85 ng/ml



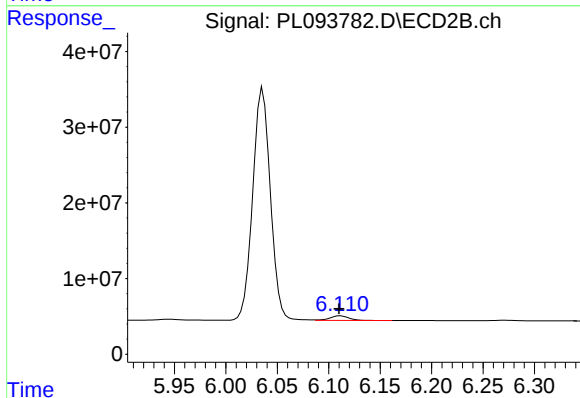
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.002 min
Response: 4638775
Conc: 2.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

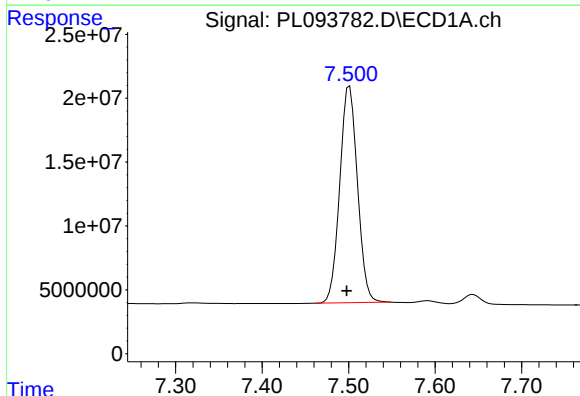
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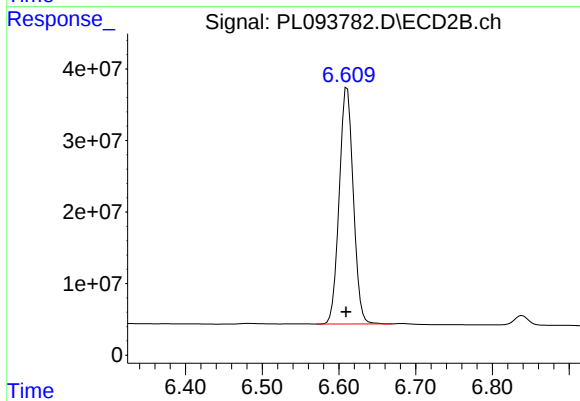
#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: 0.002 min
Response: 7755963
Conc: 2.55 ng/ml



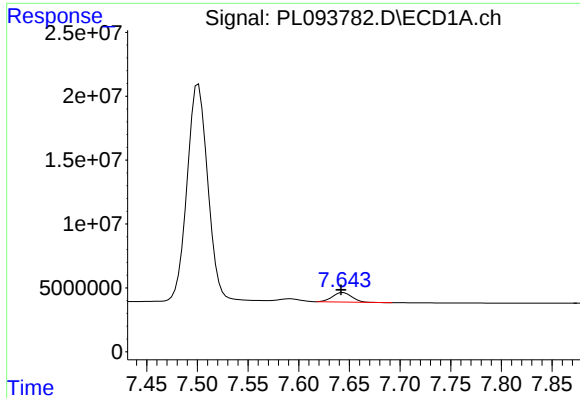
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.003 min
Response: 239759764
Conc: 229.79 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: 0.001 min
Response: 421502720
Conc: 235.72 ng/ml



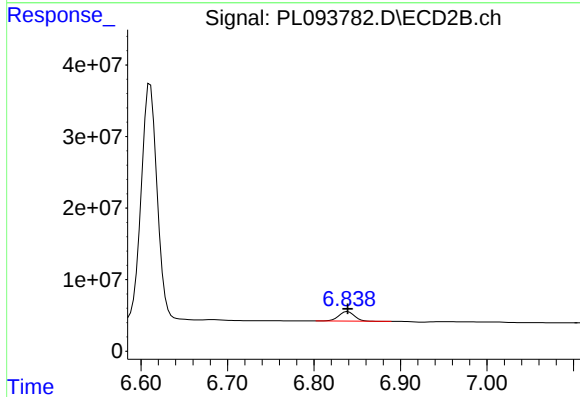
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.002 min
Response: 9643521
Conc: 3.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

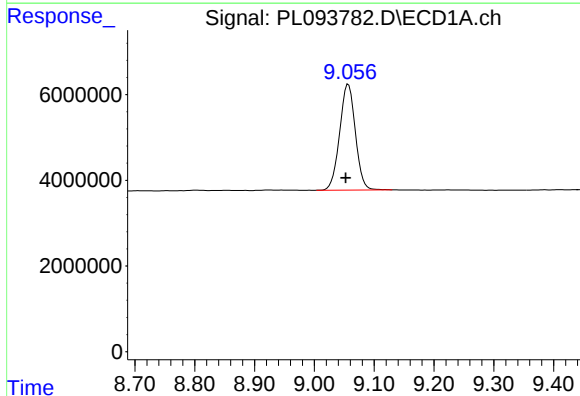
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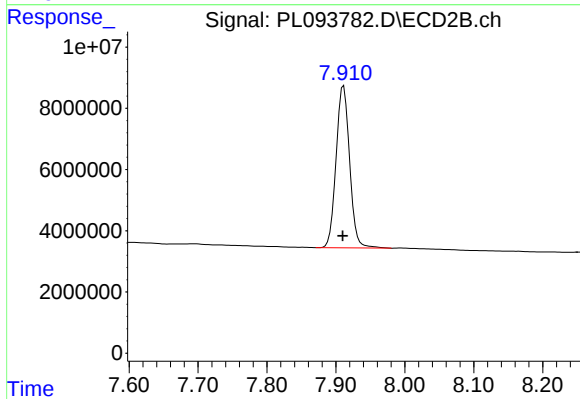
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 16277129
Conc: 3.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.004 min
Response: 45235140
Conc: 21.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.001 min
Response: 72278181
Conc: 20.63 ng/ml