

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011425\
 Data File : PL093647.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jan 2025 10:39
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/15/2025
 Supervised By : Ankita Jodhani 01/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 15 02:07:32 2025
 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...	3.538	2.775	58816585	66454038	23.758	22.827
28)	SA Decachlor...	9.055	7.912	44468277	66828291	24.050	22.381
Target Compounds							
2)	A alpha-BHC	3.994	3.277	43091440	47409424	12.482	10.907
3)	MA gamma-BHC...	4.326	3.607	40445078	44368495	12.333	10.515
6)	B beta-BHC	4.525	3.908	18821404	21656645	13.056	12.048
12)	B 4,4'-DDE	6.191	5.231	356455	561355	0.159m	0.153m
14)	MA Endrin	6.572	5.638	107.5E6	172.2E6	49.964m	52.063
16)	A 4,4'-DDD	6.710	5.786	5275844	6759000	3.005	2.388
17)	MA 4,4'-DDT	7.024	6.035	201.2E6	363.9E6	108.837	120.474
18)	B Endrin al...	6.924	6.112	4406689	7647259	2.483	2.840
20)	A Methoxychlor	7.501	6.611	248.5E6	418.1E6	248.587	259.717
21)	B Endrin ke...	7.644	6.839	8501085	14458827	3.789	3.972

(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

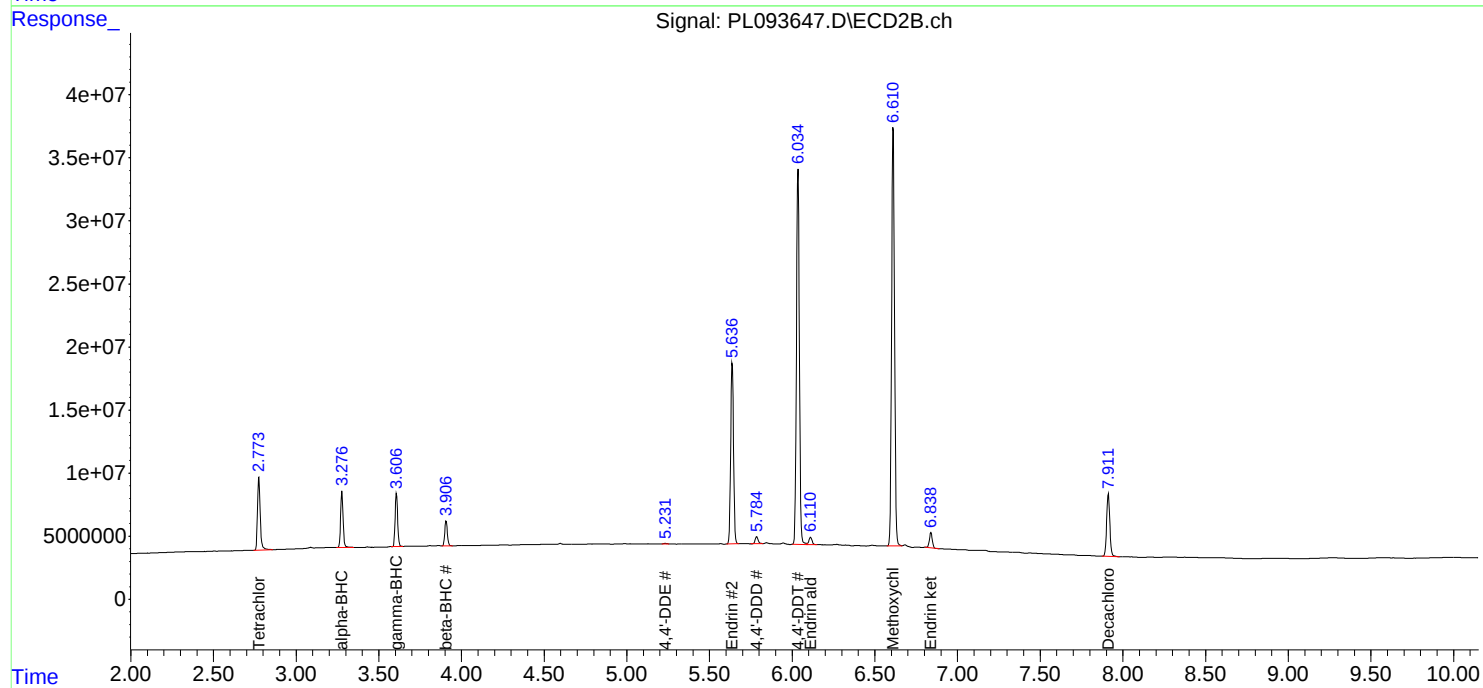
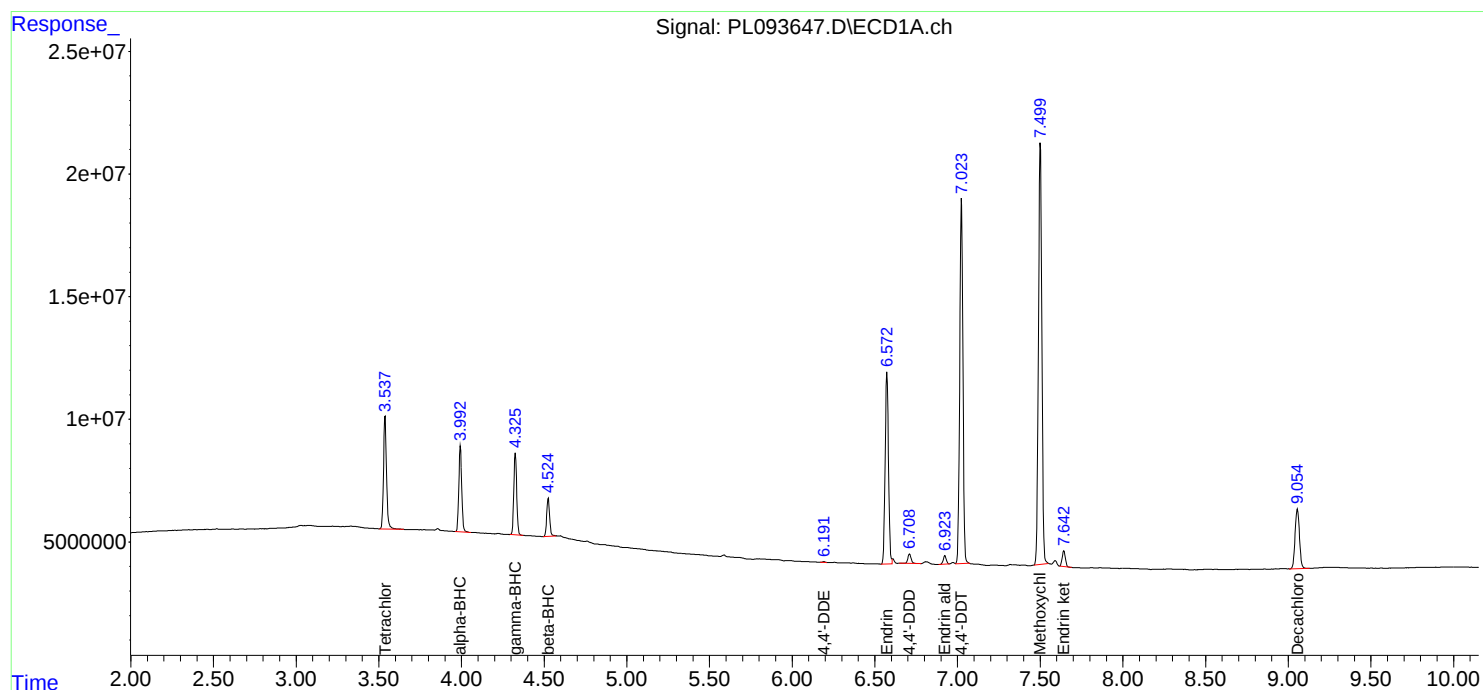
Instrument :
ECD_L
ClientSampleId :
PEM

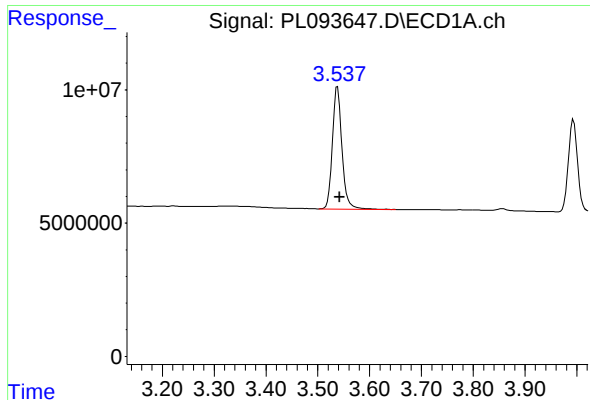
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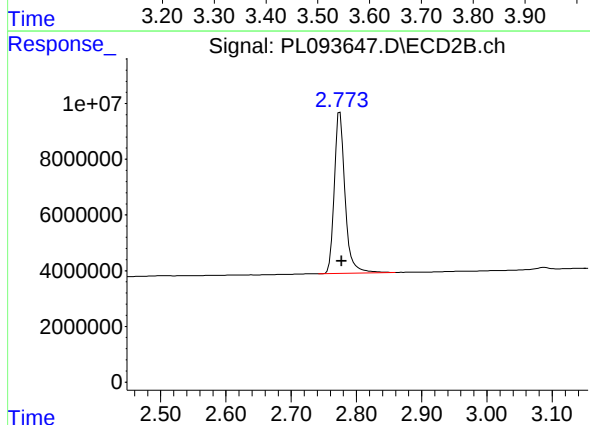
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.004 min
Response: 58816585
Conc: 23.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

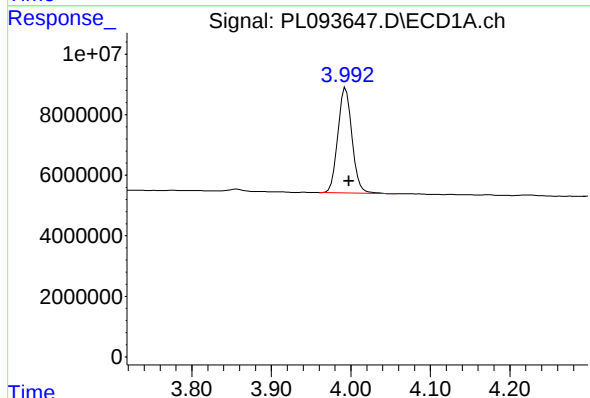
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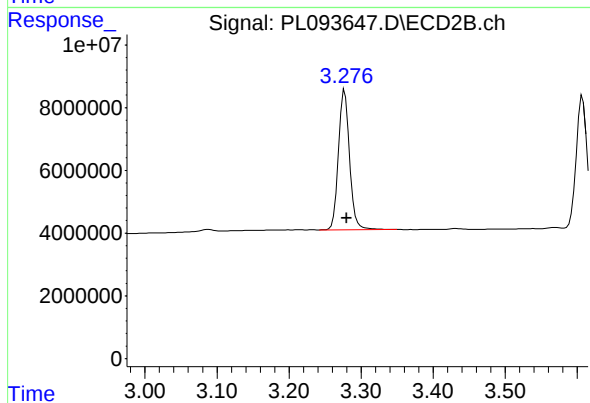
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.003 min
Response: 66454038
Conc: 22.83 ng/ml



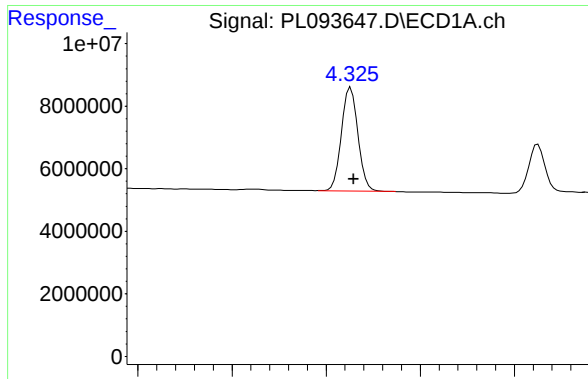
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.004 min
Response: 43091440
Conc: 12.48 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.003 min
Response: 47409424
Conc: 10.91 ng/ml



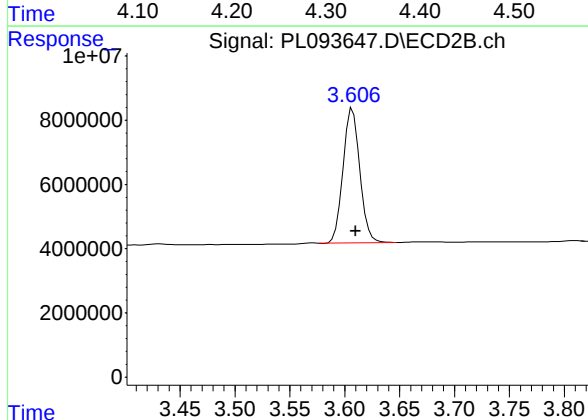
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.003 min
Response: 40445078
Conc: 12.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

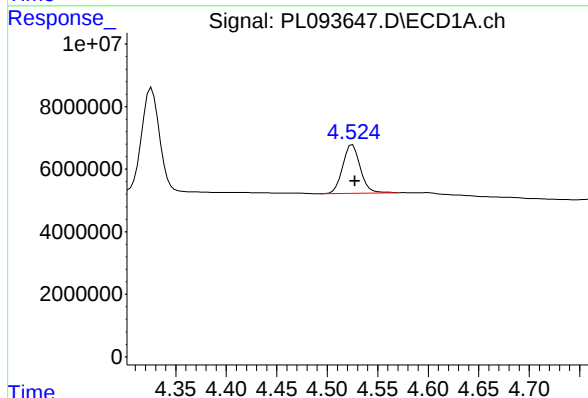
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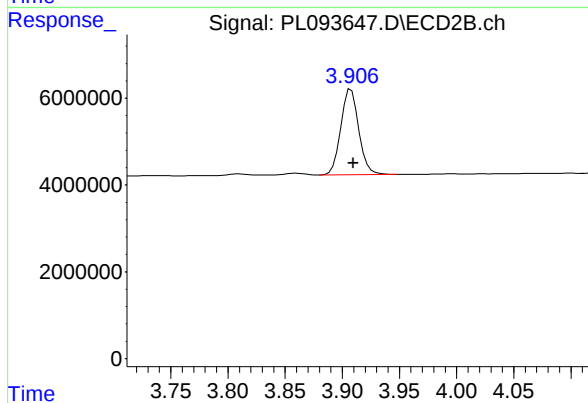
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.003 min
Response: 44368495
Conc: 10.52 ng/ml



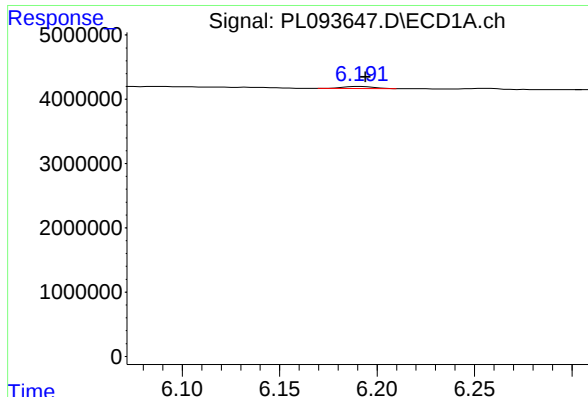
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 18821404
Conc: 13.06 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: -0.002 min
Response: 21656645
Conc: 12.05 ng/ml



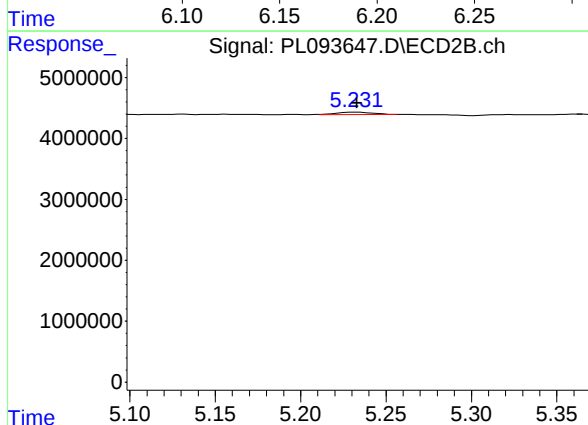
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.003 min
Response: 356455
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

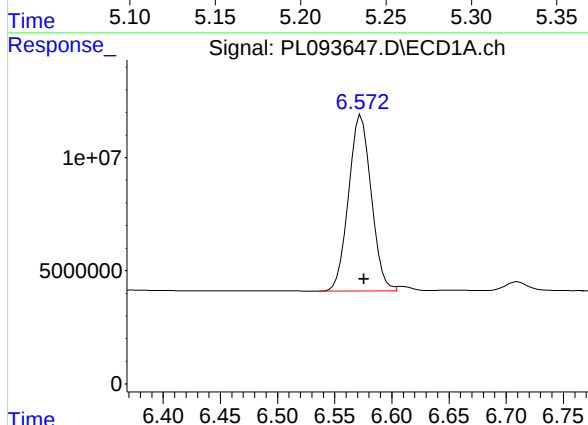
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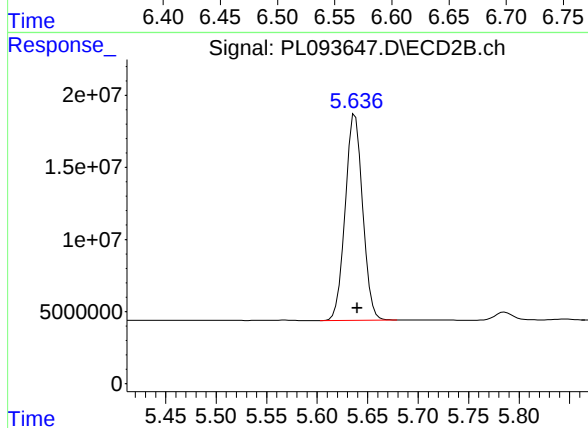
#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.002 min
Response: 561355
Conc: 0.15 ng/ml



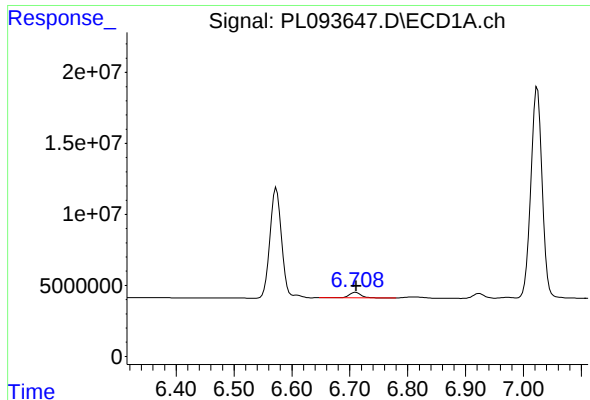
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.004 min
Response: 107543792
Conc: 49.96 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.002 min
Response: 172243157
Conc: 52.06 ng/ml



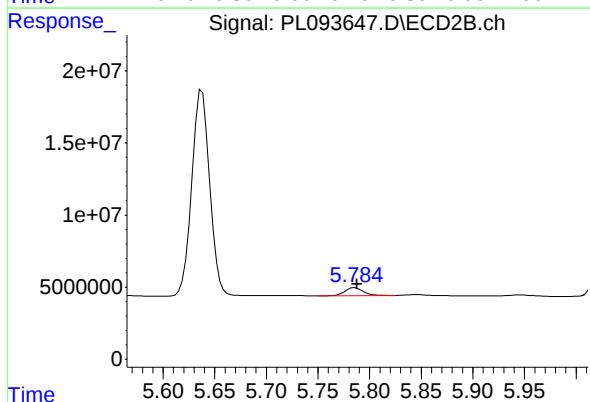
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.001 min
Response: 5275844
Conc: 3.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

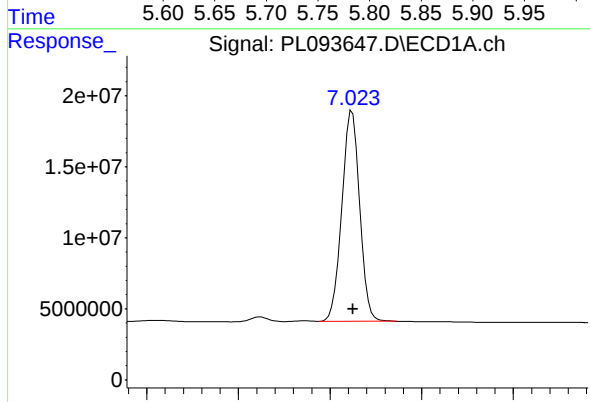
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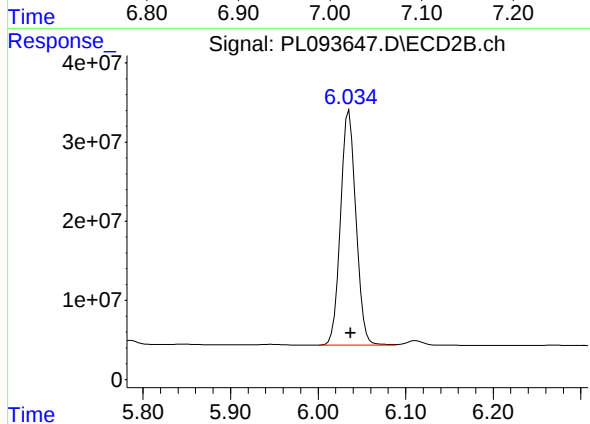
#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.002 min
Response: 6759000
Conc: 2.39 ng/ml



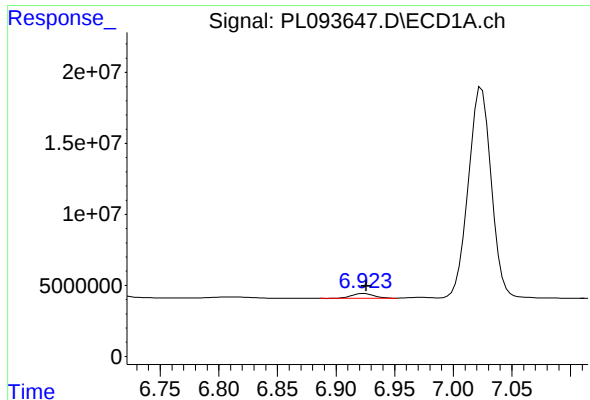
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 201188263
Conc: 108.84 ng/ml



#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: -0.002 min
Response: 363866569
Conc: 120.47 ng/ml



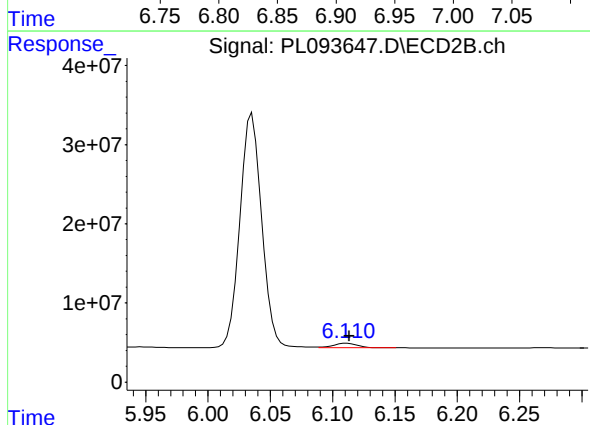
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: -0.002 min
Response: 4406689
Conc: 2.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

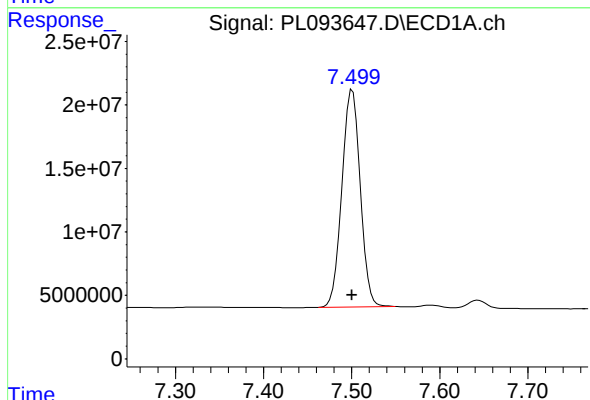
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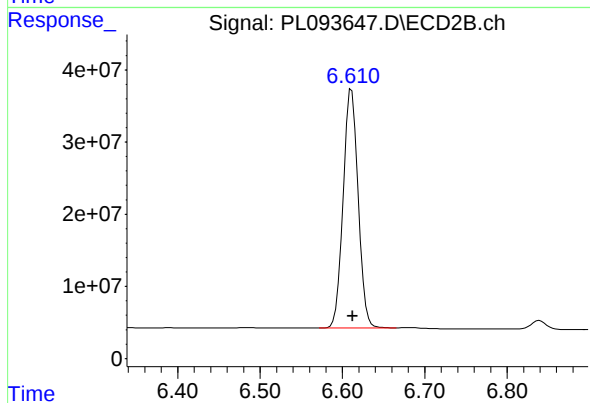
#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 7647259
Conc: 2.84 ng/ml



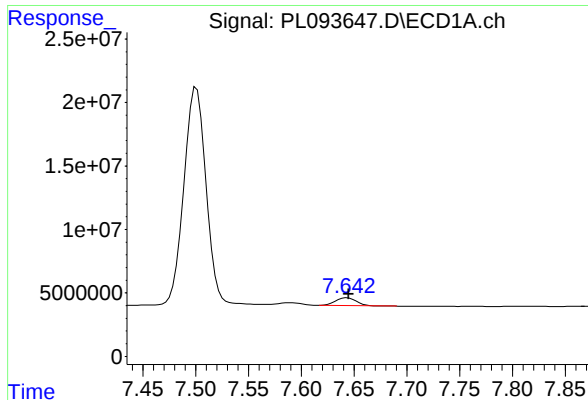
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 248507072
Conc: 248.59 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: -0.001 min
Response: 418050825
Conc: 259.72 ng/ml



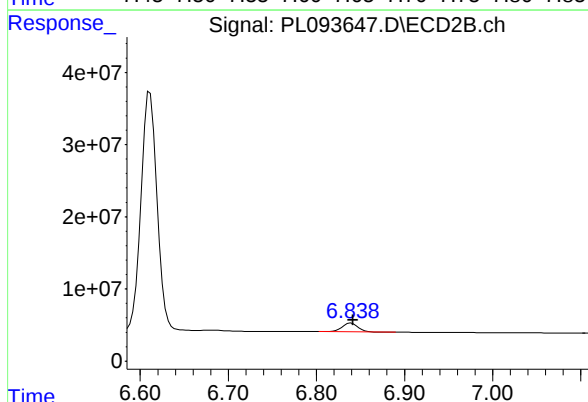
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: -0.001 min
Response: 8501085
Conc: 3.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

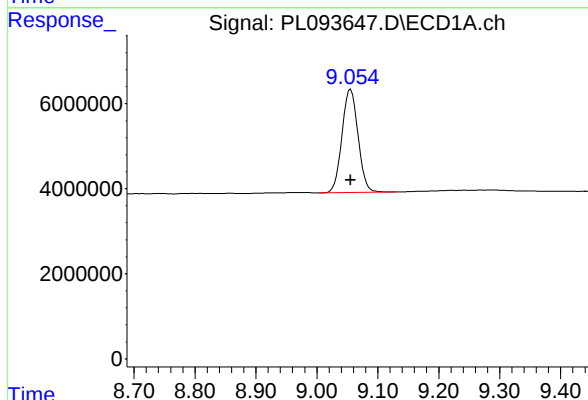
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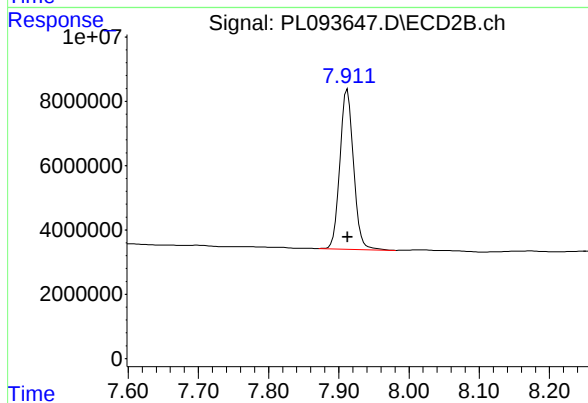
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: -0.002 min
Response: 14458827
Conc: 3.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 44468277
Conc: 24.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 66828291
Conc: 22.38 ng/ml