

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080624\
 Data File : PL090810.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2024 09:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/07/2024
 Supervised By : Ankita Jodhani 08/07/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 02:11:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 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...	3.545	2.786	42286167	36225277	21.839	20.954
28)	SA Decachlor...	9.059	7.930	32865906	36060883	22.875	21.604
Target Compounds							
2)	A alpha-BHC	4.000	3.289	31834030	24008622	11.525	9.746m
3)	MA gamma-BHC...	4.333	3.619	29477500	22839333	11.208	9.755m
6)	B beta-BHC	4.529	3.919	13959424	11608407	11.089	10.914
12)	B 4,4'-DDE	6.195	5.248	556950	373277	0.281m	0.199m#
14)	MA Endrin	6.580	5.654	81850018	84952322	44.692	46.493
16)	A 4,4'-DDD	6.714	5.801	3634080	2437623	2.204	1.571 #
17)	MA 4,4'-DDT	7.028	6.051	165.4E6	176.6E6	92.763	106.518m
18)	B Endrin al...	6.928	6.126	3274474	3419339	2.174	2.415m
20)	A Methoxychlor	7.503	6.628	212.6E6	224.6E6	222.816	243.332
21)	B Endrin ke...	7.645	6.854	6606381	6824719	3.334m	3.444m

(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

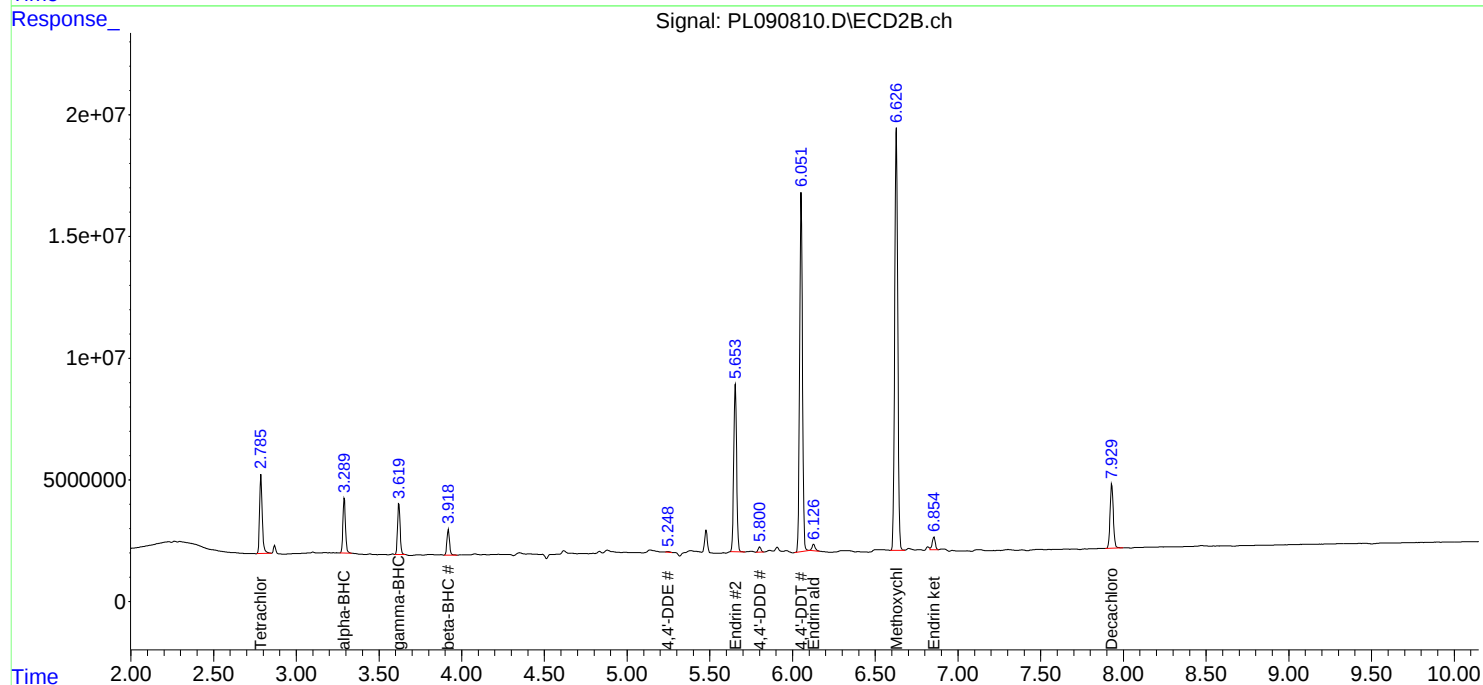
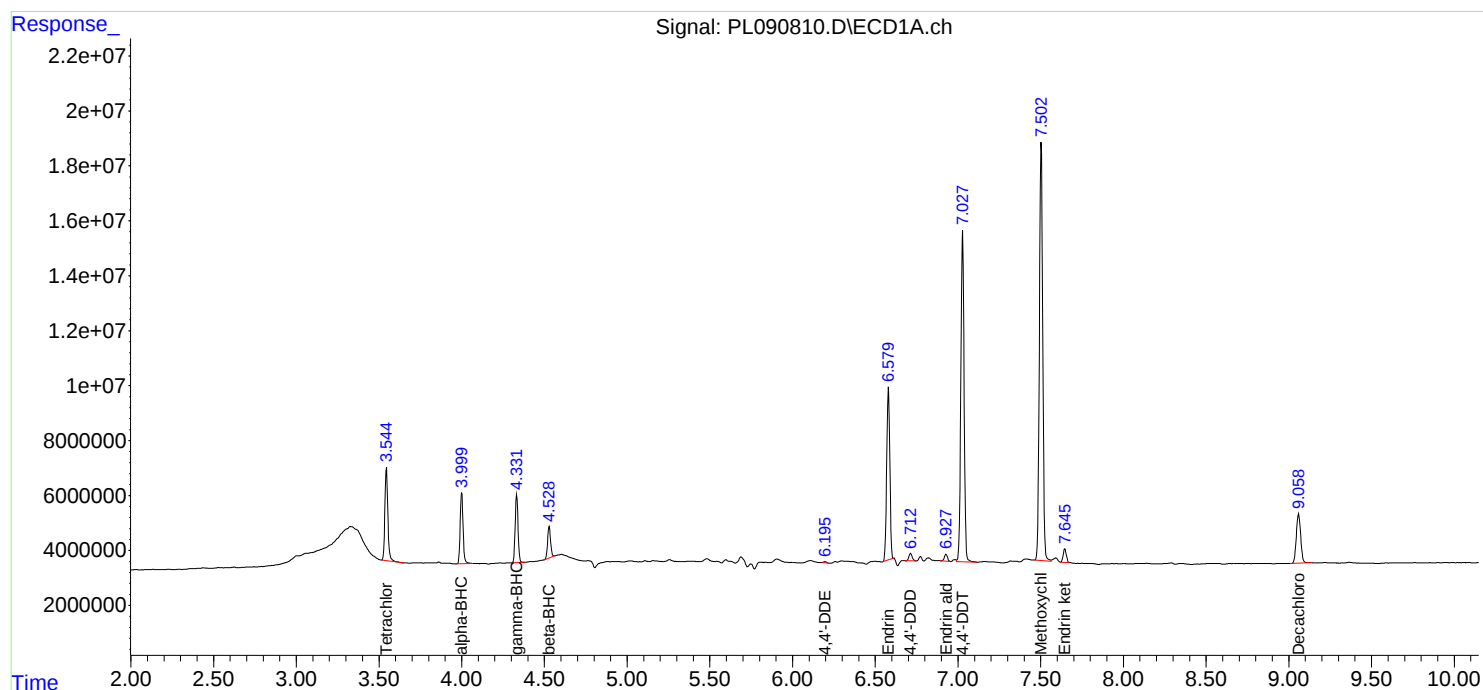
Instrument :
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ClientSampleId :
PEM

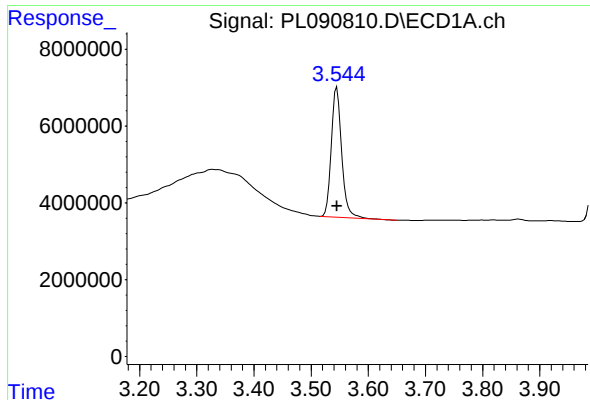
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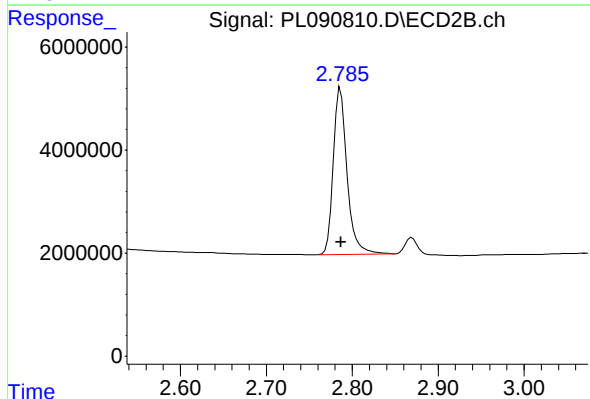
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 42286167
Conc: 21.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

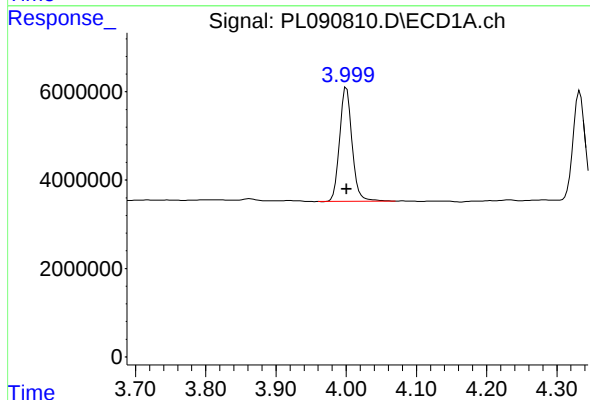
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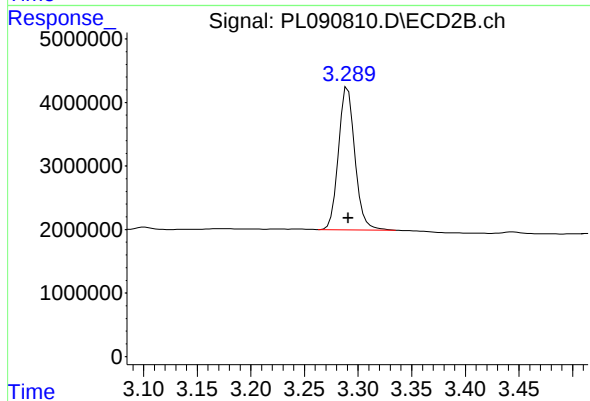
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.000 min
Response: 36225277
Conc: 20.95 ng/ml



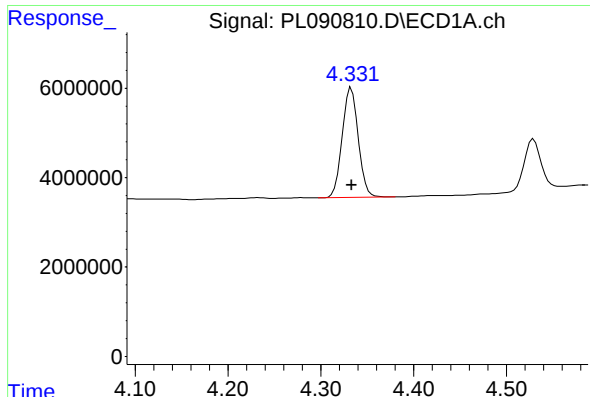
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 31834030
Conc: 11.52 ng/ml



#2 alpha-BHC

R.T.: 3.289 min
Delta R.T.: -0.002 min
Response: 24008622
Conc: 9.75 ng/ml m



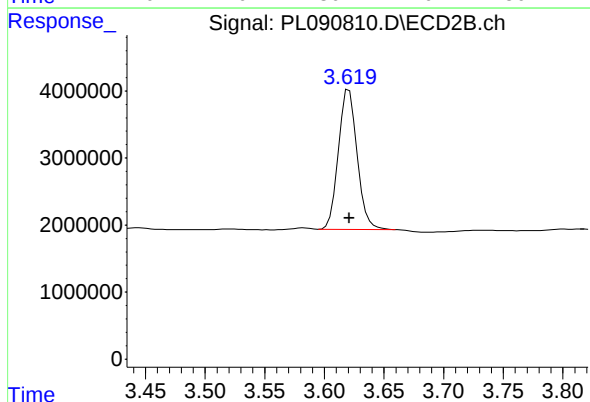
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 29477500
Conc: 11.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

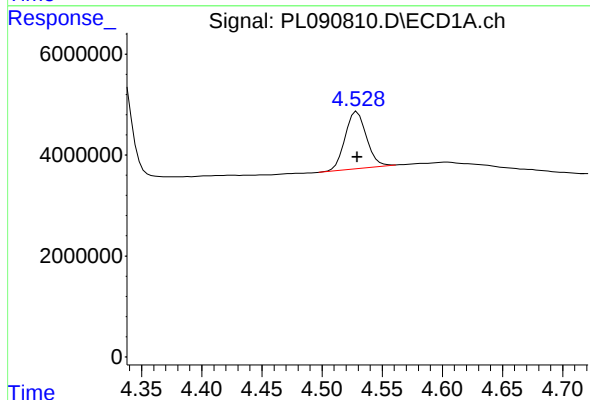
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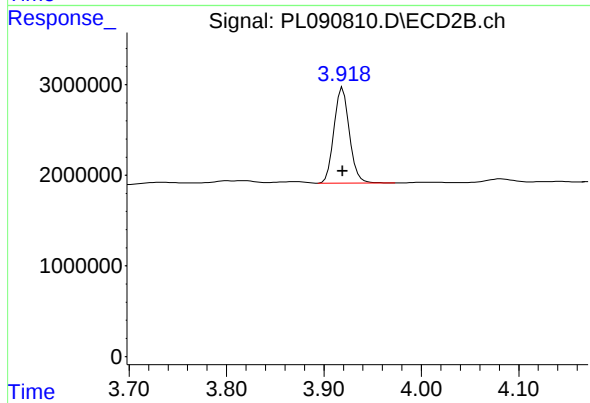
#3 gamma-BHC (Lindane)

R.T.: 3.619 min
Delta R.T.: -0.002 min
Response: 22839333
Conc: 9.76 ng/ml



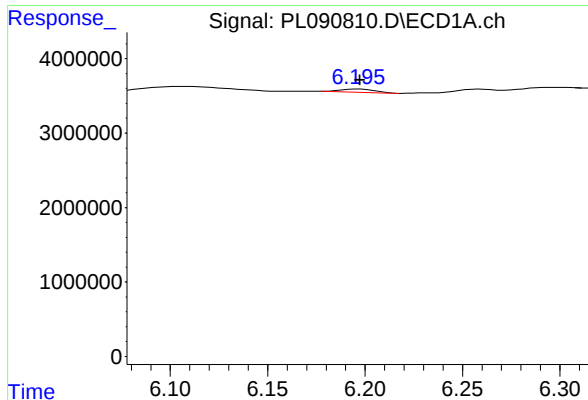
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 13959424
Conc: 11.09 ng/ml



#6 beta-BHC

R.T.: 3.919 min
Delta R.T.: 0.000 min
Response: 11608407
Conc: 10.91 ng/ml



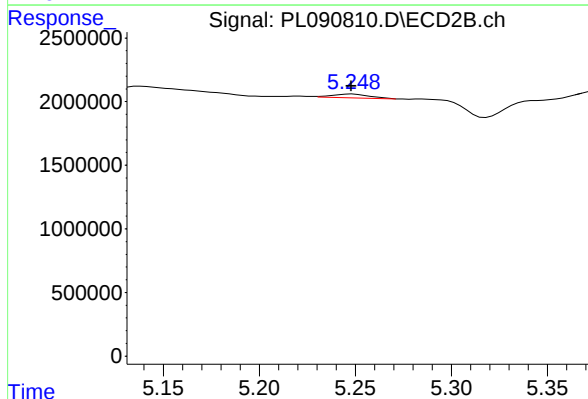
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 556950
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

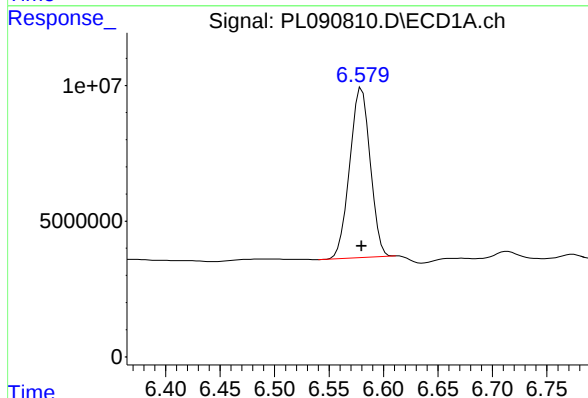
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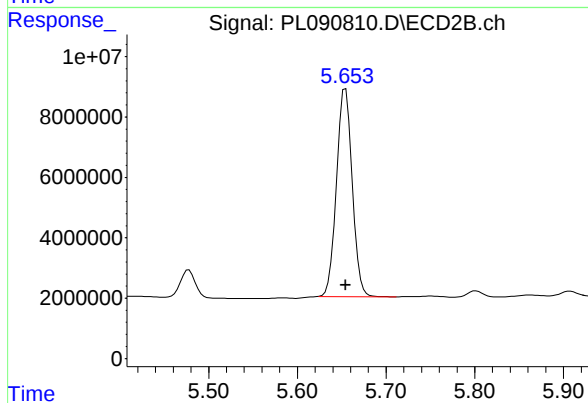
#12 4,4'-DDE

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 373277
Conc: 0.20 ng/ml



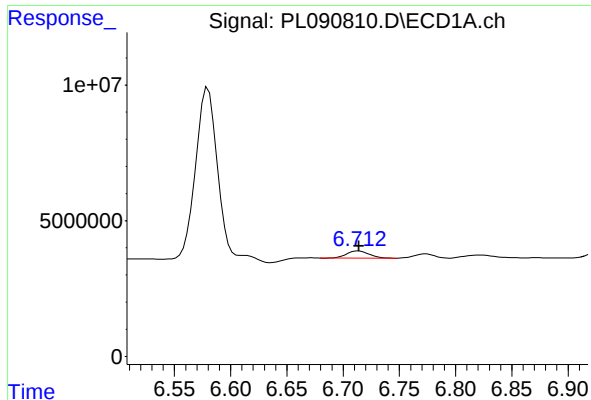
#14 Endrin

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 81850018
Conc: 44.69 ng/ml



#14 Endrin

R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 84952322
Conc: 46.49 ng/ml



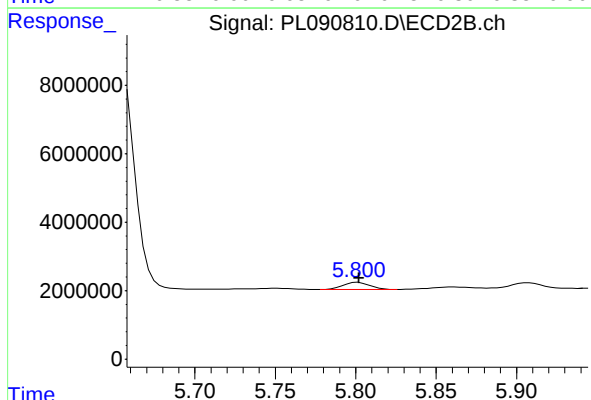
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 3634080
Conc: 2.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

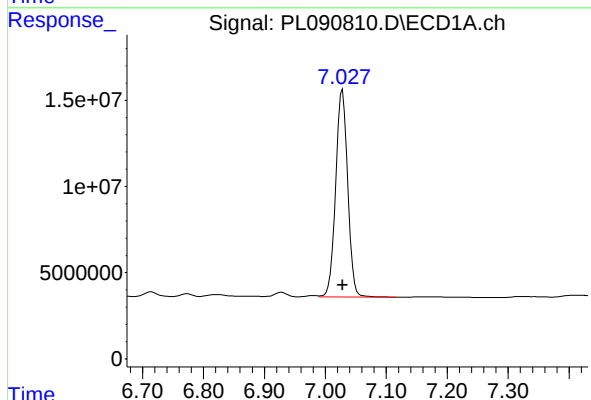
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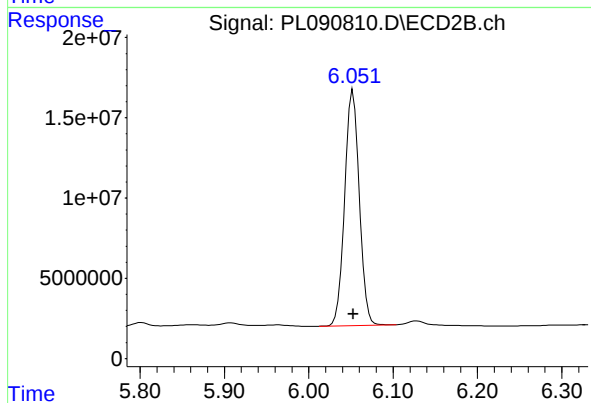
#16 4,4'-DDD

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 2437623
Conc: 1.57 ng/ml



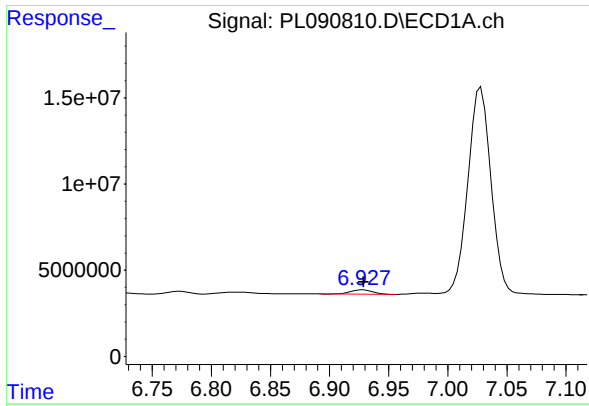
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 165376861
Conc: 92.76 ng/ml



#17 4,4'-DDT

R.T.: 6.051 min
Delta R.T.: -0.002 min
Response: 176635254
Conc: 106.52 ng/ml m



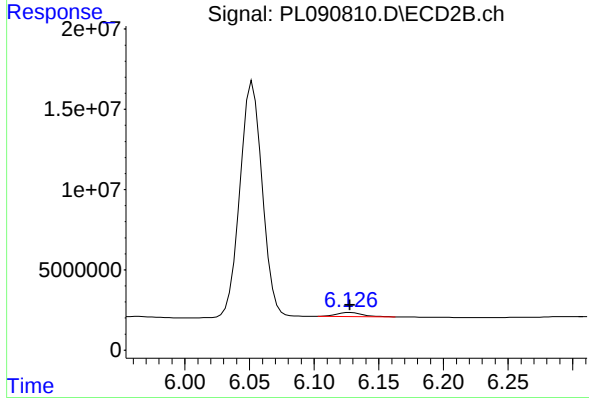
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 3274474
Conc: 2.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

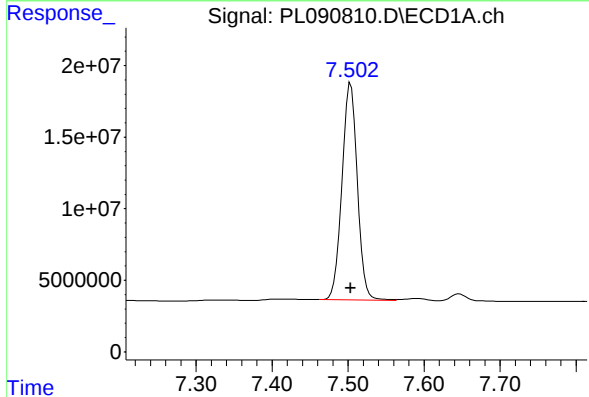
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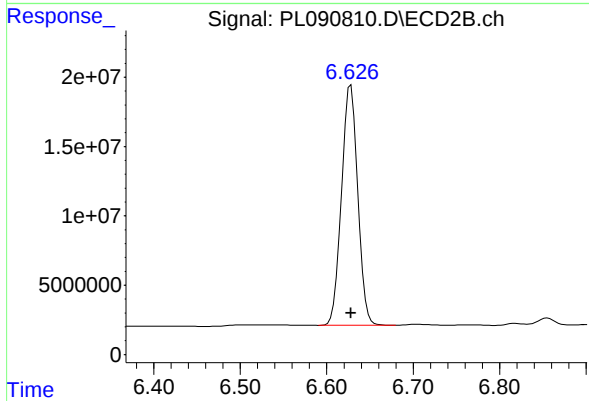
#18 Endrin aldehyde

R.T.: 6.126 min
Delta R.T.: -0.001 min
Response: 3419339
Conc: 2.42 ng/ml



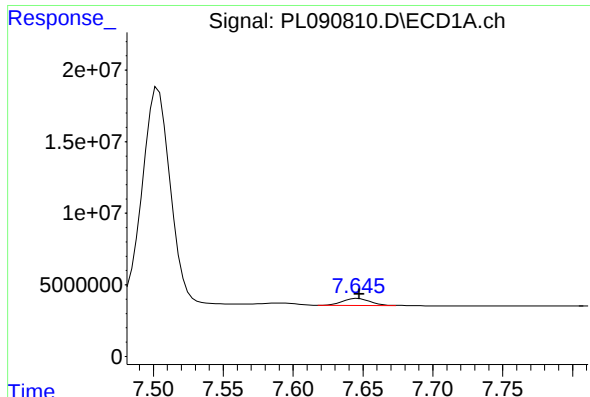
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 212620364
Conc: 222.82 ng/ml



#20 Methoxychlor

R.T.: 6.628 min
Delta R.T.: 0.000 min
Response: 224603469
Conc: 243.33 ng/ml



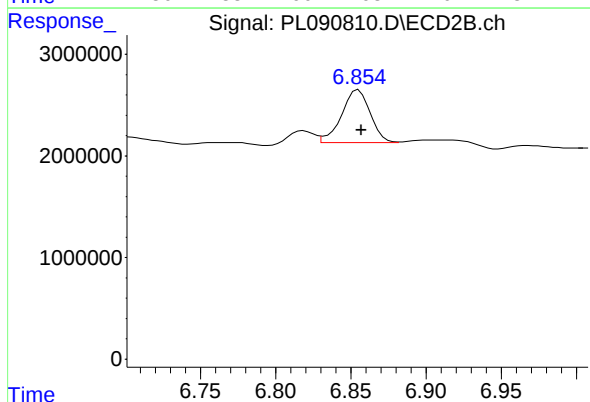
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.003 min
Response: 6606381
Conc: 3.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

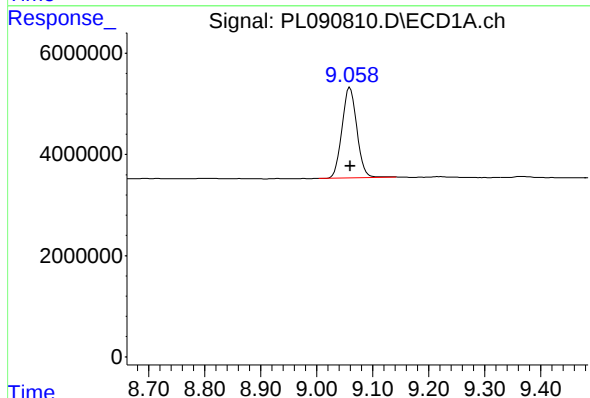
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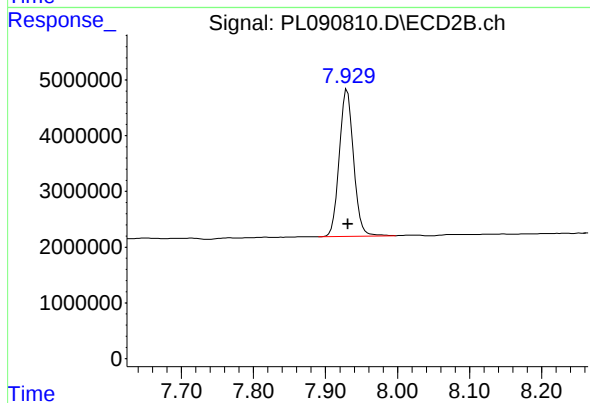
#21 Endrin ketone

R.T.: 6.854 min
Delta R.T.: -0.003 min
Response: 6824719
Conc: 3.44 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.001 min
Response: 32865906
Conc: 22.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.930 min
Delta R.T.: -0.001 min
Response: 36060883
Conc: 21.60 ng/ml