

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043024\
 Data File : PL089271.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Apr 2024 09:02
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 14:33:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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...	3.551	2.798	44606632	28013081	22.152	21.833
28)	SA Decachlor...	9.065	7.949	30007455	28054085	21.449	20.855
Target Compounds							
2)	A alpha-BHC	4.006	3.303	33226876	18892871	11.651	10.013
3)	MA gamma-BHC...	4.338	3.633	31435437	17874255	11.292	9.687
6)	B beta-BHC	4.532	3.930	14732807	9326632	11.678m	11.423
12)	B 4,4'-DDE	6.202	5.264	934323	398672	0.462m	0.274 #
14)	MA Endrin	6.586	5.670	90227676	72913067	47.630	50.716
16)	A 4,4'-DDD	6.719	5.817	6023317	2983472	3.570	2.419 #
17)	MA 4,4'-DDT	7.034	6.069	163.1E6	144.7E6	88.702	106.927
18)	B Endrin al...	6.933	6.144	4066689	2736981	2.689	2.461
20)	A Methoxychlor	7.508	6.645	206.2E6	185.4E6	209.724	231.820
21)	B Endrin ke...	7.652	6.872	7068170	4847647	3.531	3.032

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

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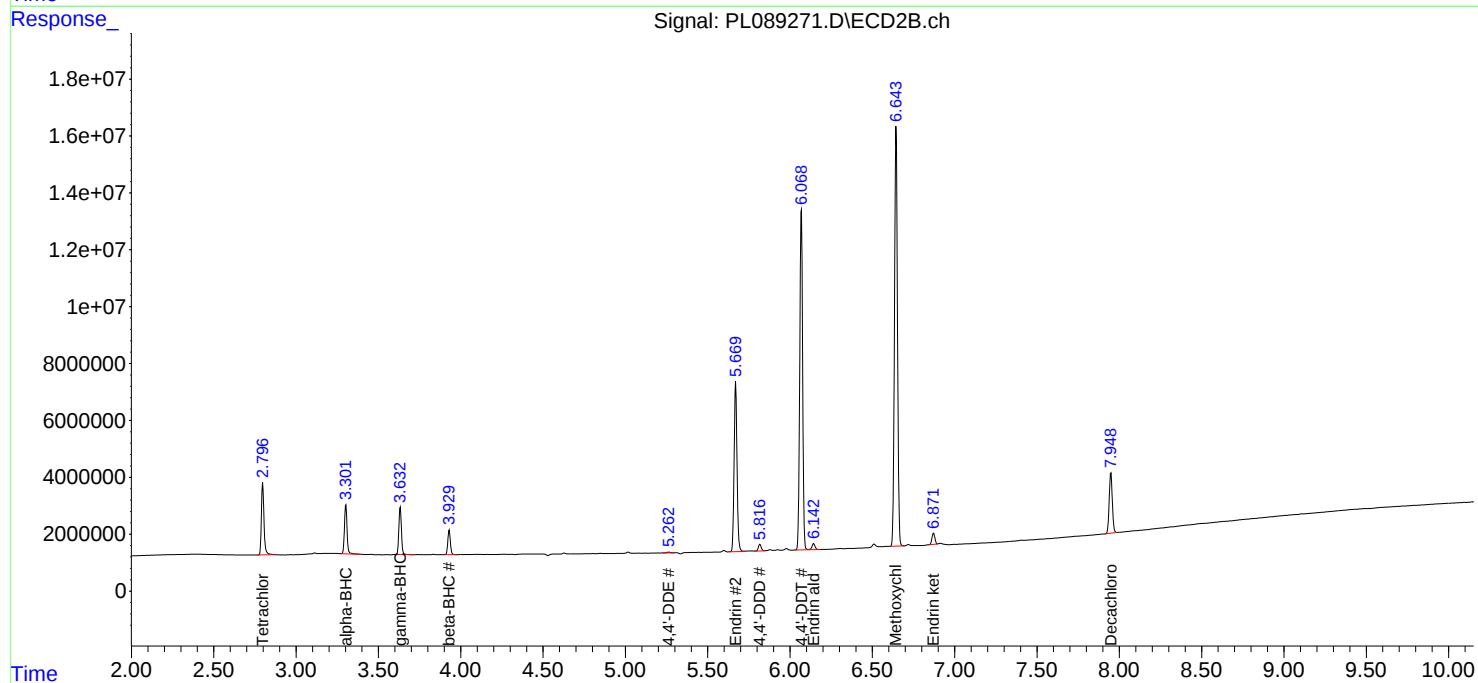
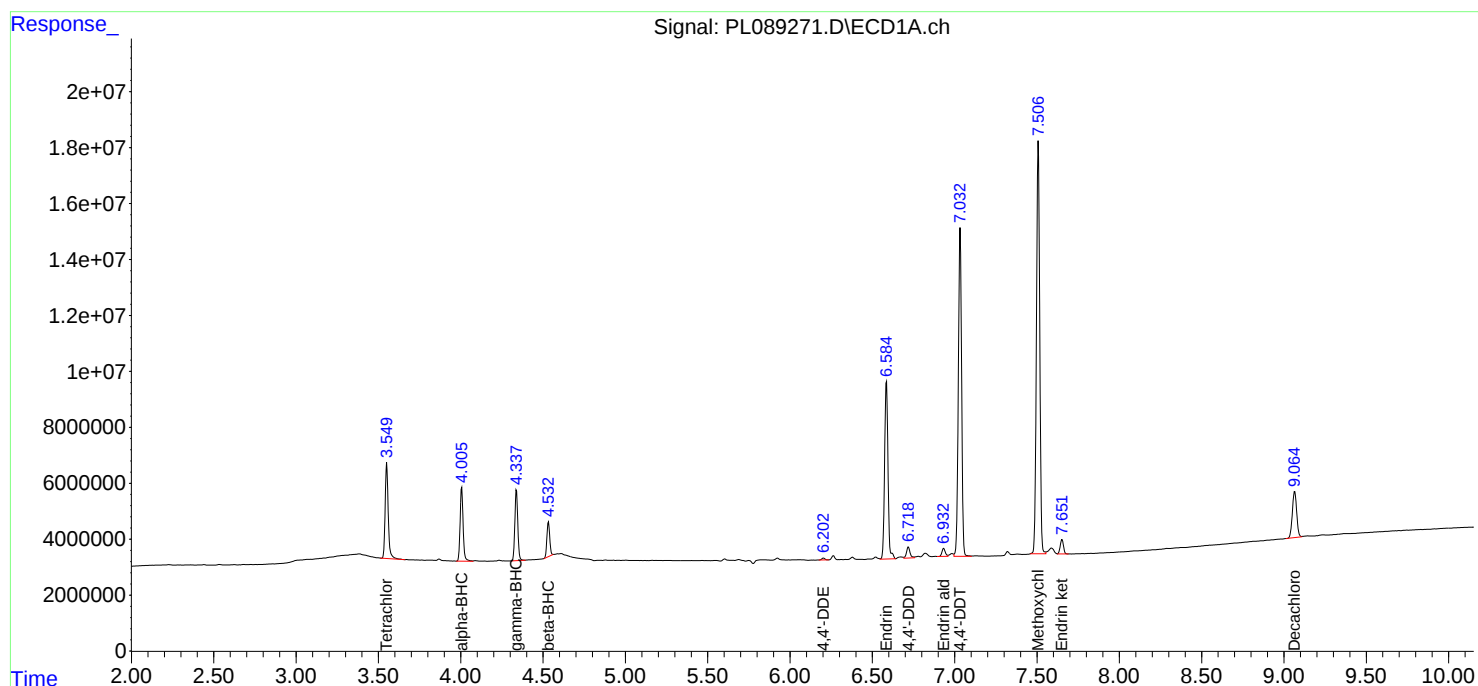
Instrument :
ECD_L
ClientSampleId :
PEM

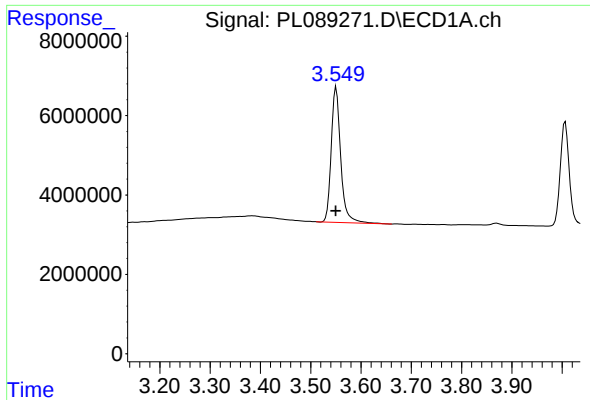
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Integration File signal 1: autoint1.e
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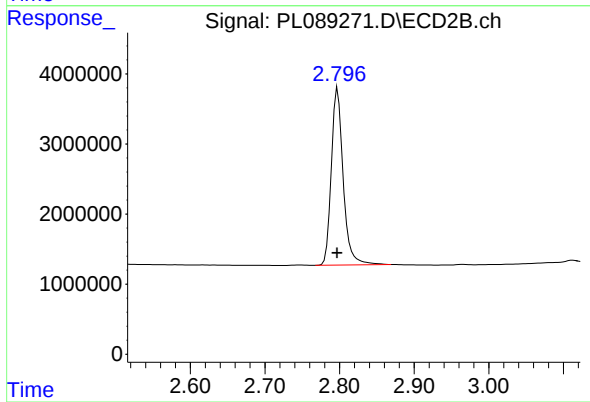
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 44606632
Conc: 22.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

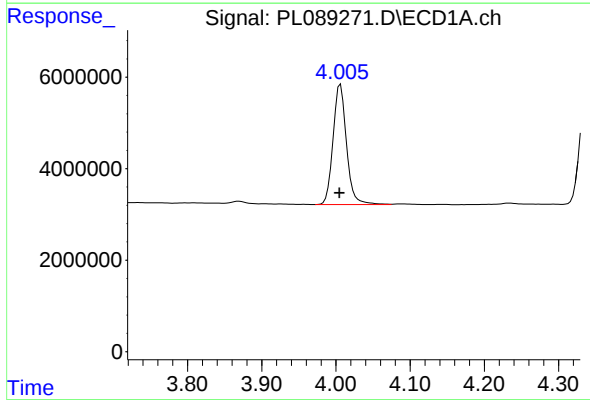
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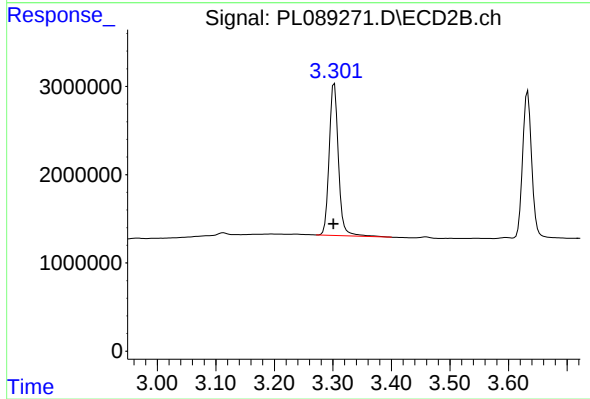
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.001 min
Response: 28013081
Conc: 21.83 ng/ml



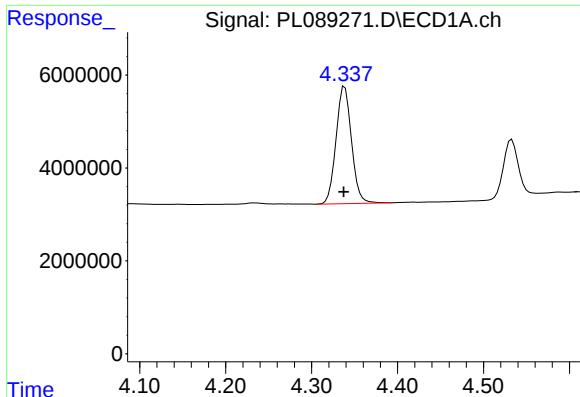
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 33226876
Conc: 11.65 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.001 min
Response: 18892871
Conc: 10.01 ng/ml



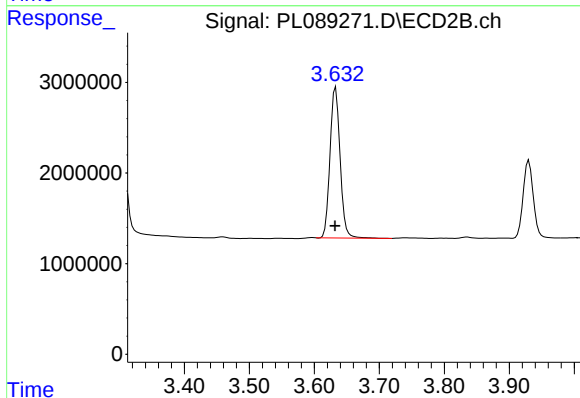
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.001 min
Response: 31435437
Conc: 11.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

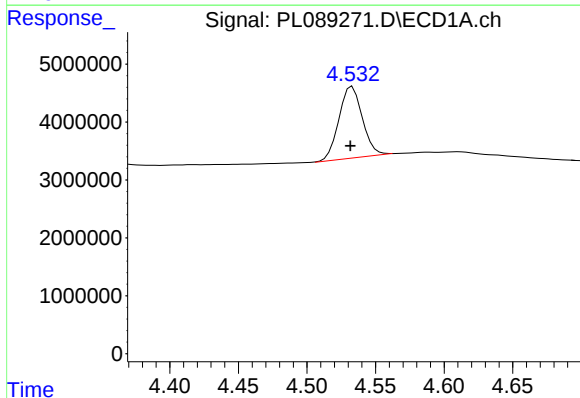
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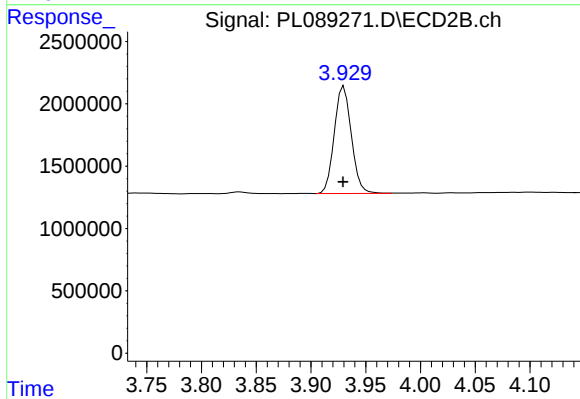
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 17874255
Conc: 9.69 ng/ml



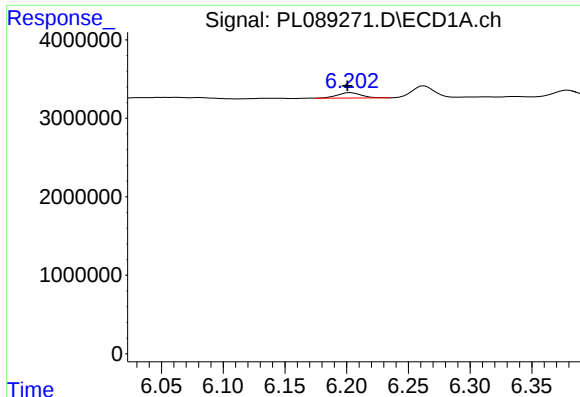
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 14732807
Conc: 11.68 ng/ml m



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 9326632
Conc: 11.42 ng/ml



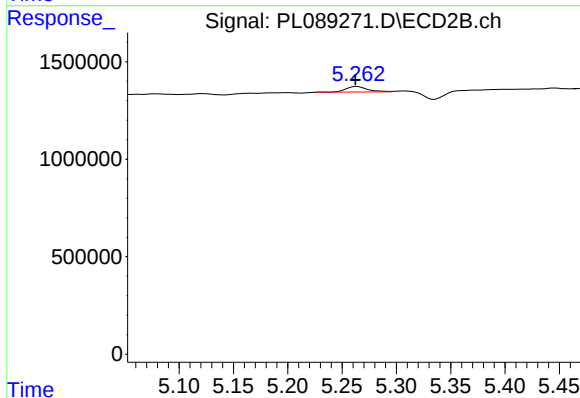
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.002 min
Response: 934323
Conc: 0.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

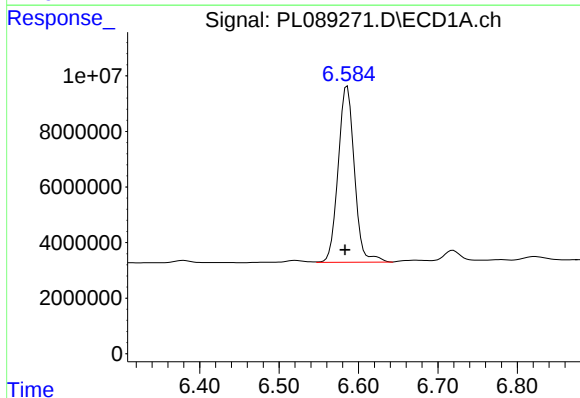
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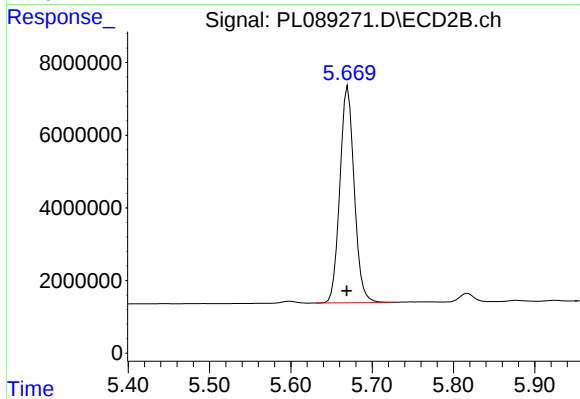
#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: 0.002 min
Response: 398672
Conc: 0.27 ng/ml



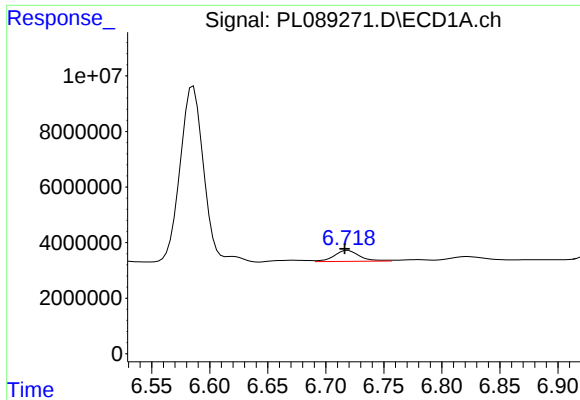
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 90227676
Conc: 47.63 ng/ml



#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.002 min
Response: 72913067
Conc: 50.72 ng/ml



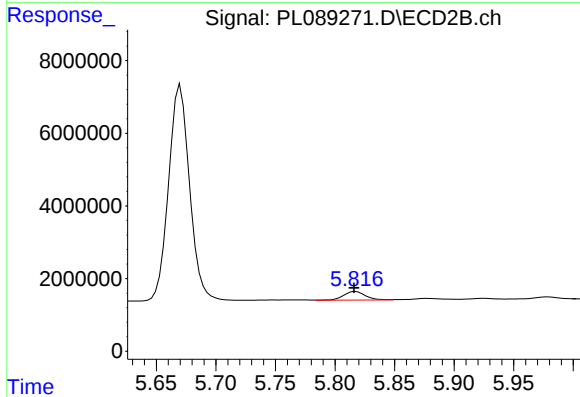
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.003 min
Response: 6023317
Conc: 3.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

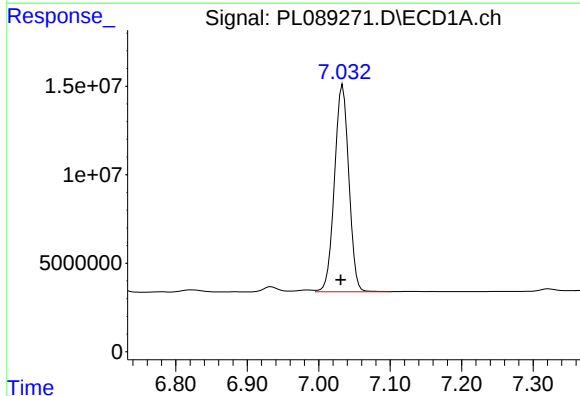
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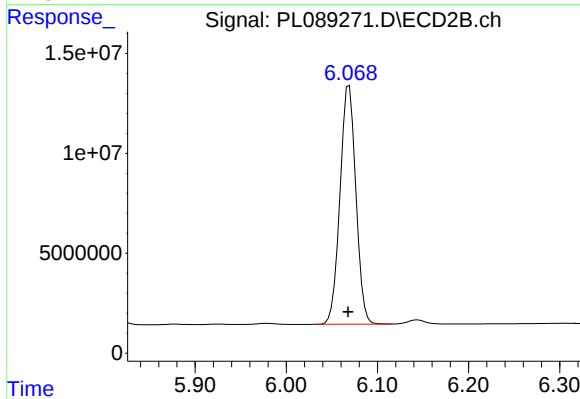
#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.001 min
Response: 2983472
Conc: 2.42 ng/ml



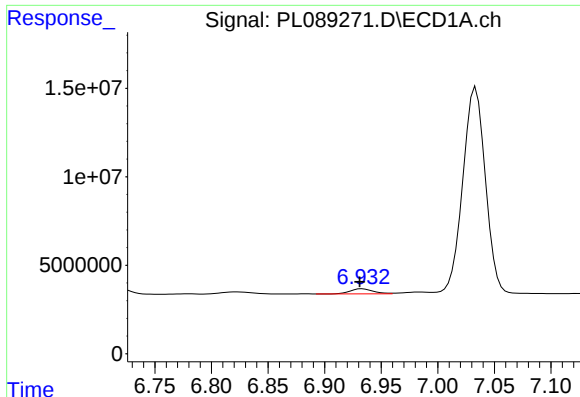
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: 0.003 min
Response: 163120965
Conc: 88.70 ng/ml



#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 144670168
Conc: 106.93 ng/ml



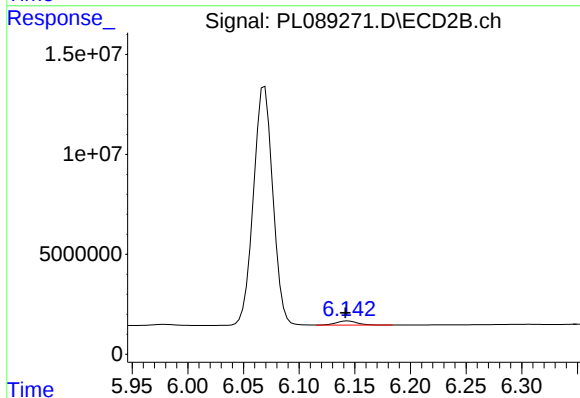
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.002 min
Response: 4066689
Conc: 2.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

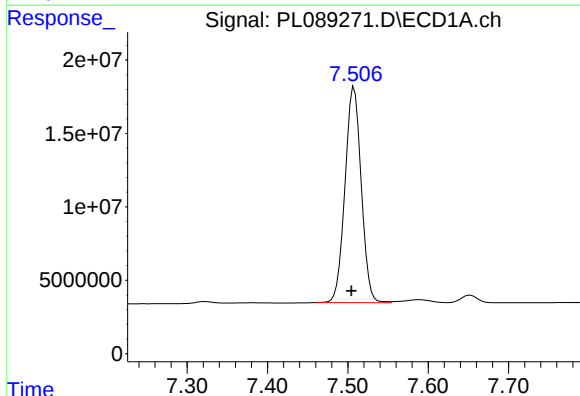
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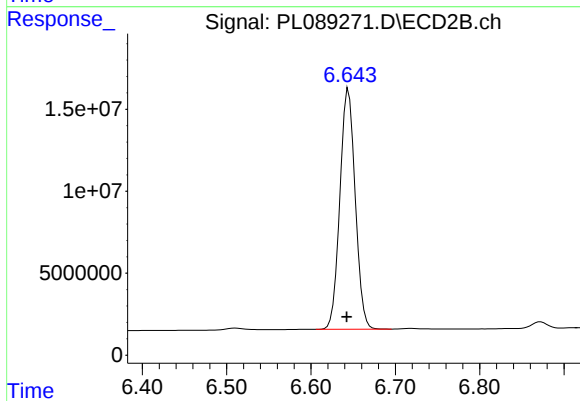
#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.002 min
Response: 2736981
Conc: 2.46 ng/ml



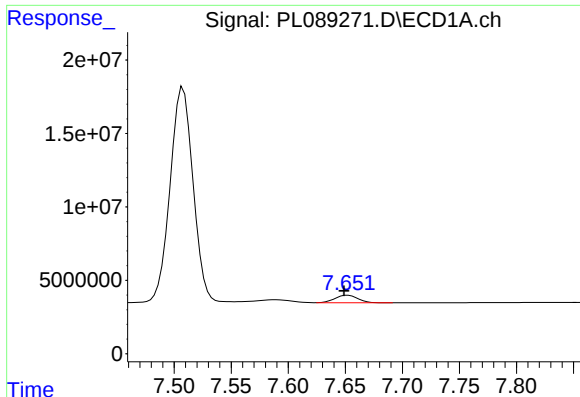
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.003 min
Response: 206243404
Conc: 209.72 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: 0.002 min
Response: 185360014
Conc: 231.82 ng/ml



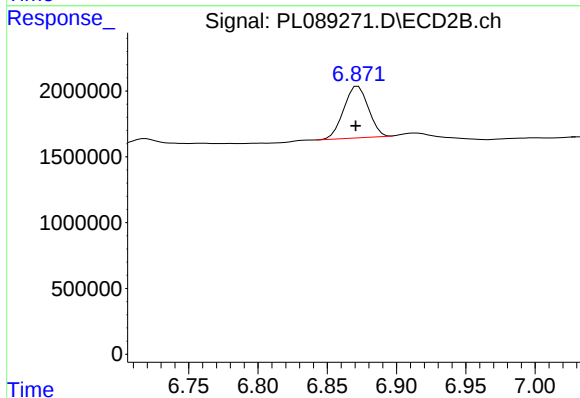
#21 Endrin ketone

R.T.: 7.652 min
Delta R.T.: 0.003 min
Response: 7068170
Conc: 3.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

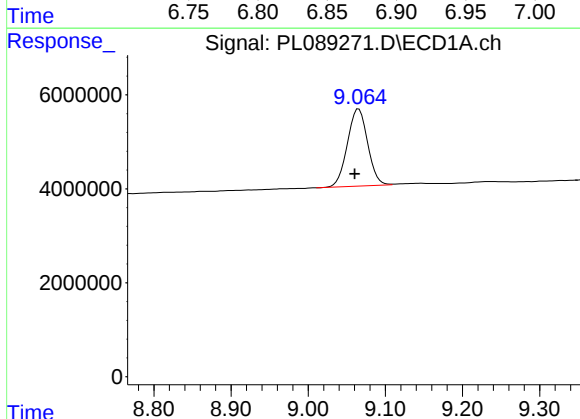
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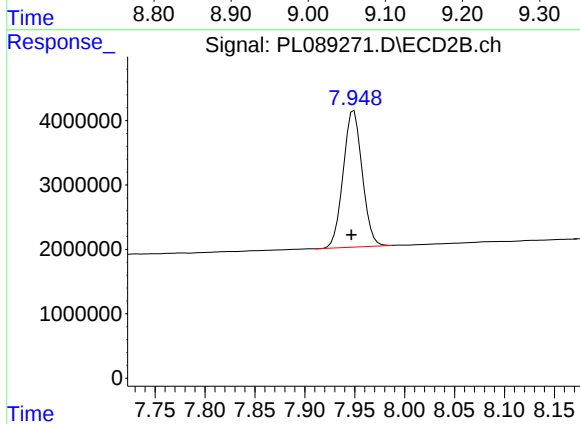
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.002 min
Response: 4847647
Conc: 3.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.005 min
Response: 30007455
Conc: 21.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.003 min
Response: 28054085
Conc: 20.86 ng/ml