

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032825\
 Data File : PL094930.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2025 12:02
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/31/2025
 Supervised By :mohammad ahmed 04/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 23:14:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.536	2.770	51176439	67174459	18.079	18.820
28)	SA Decachlor...	9.051	7.902	38783026	74378884	18.403	18.414
Target Compounds							
2)	A alpha-BHC	3.992	3.271	37842103	48140858	9.113	8.929
3)	MA gamma-BHC...	4.325	3.600	36410945	43658514	9.125	8.495m
6)	B beta-BHC	4.524	3.902	16361354	21247164	8.867	9.565
14)	MA Endrin	6.570	5.630	105.2E6	183.9E6	37.951m	42.148
16)	A 4,4'-DDD	6.707	5.778	1704662	3712887	0.787m	1.033m#
17)	MA 4,4'-DDT	7.022	6.028	199.0E6	383.0E6	83.650	94.998
18)	B Endrin al...	6.920	6.105	2137437	6109763	1.013m	1.815 #
20)	A Methoxychlor	7.498	6.602	248.5E6	467.7E6	207.630	220.495m
21)	B Endrin ke...	7.639	6.830	4549629	9418071	1.721m	1.973m

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

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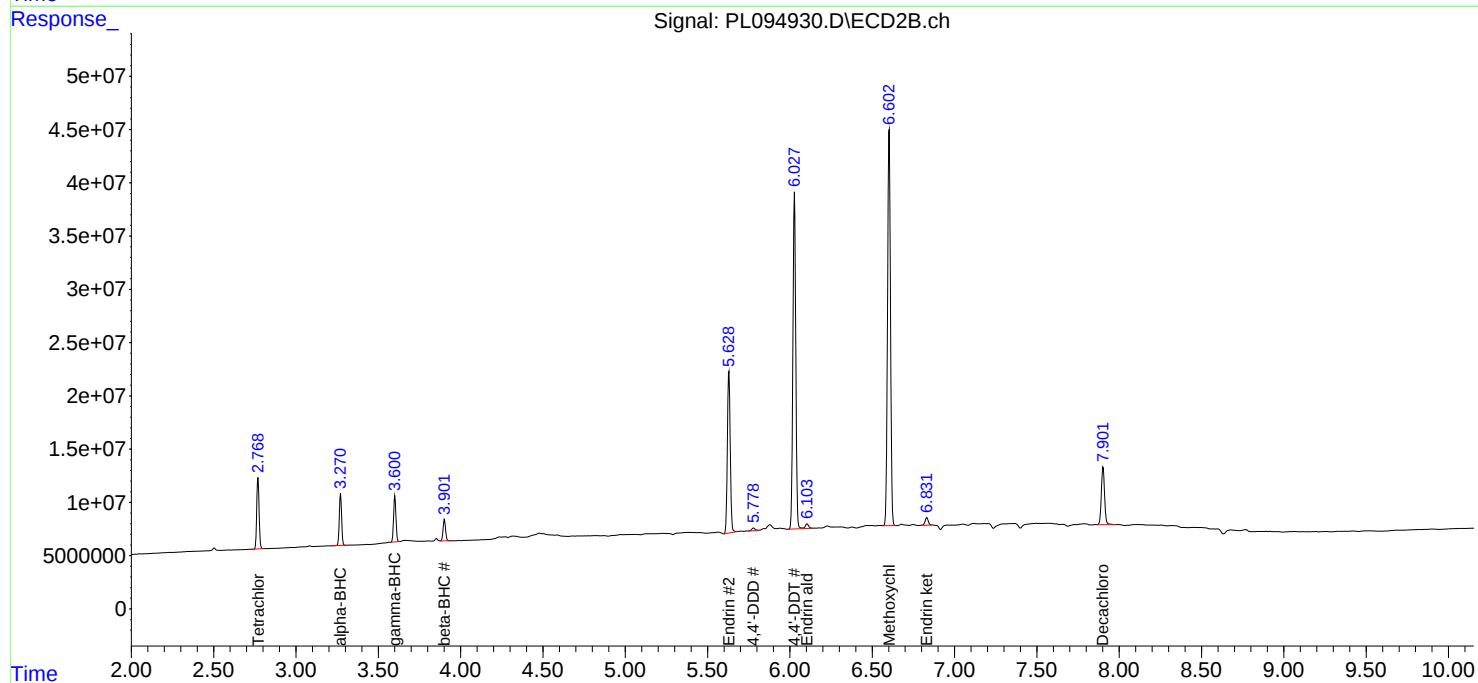
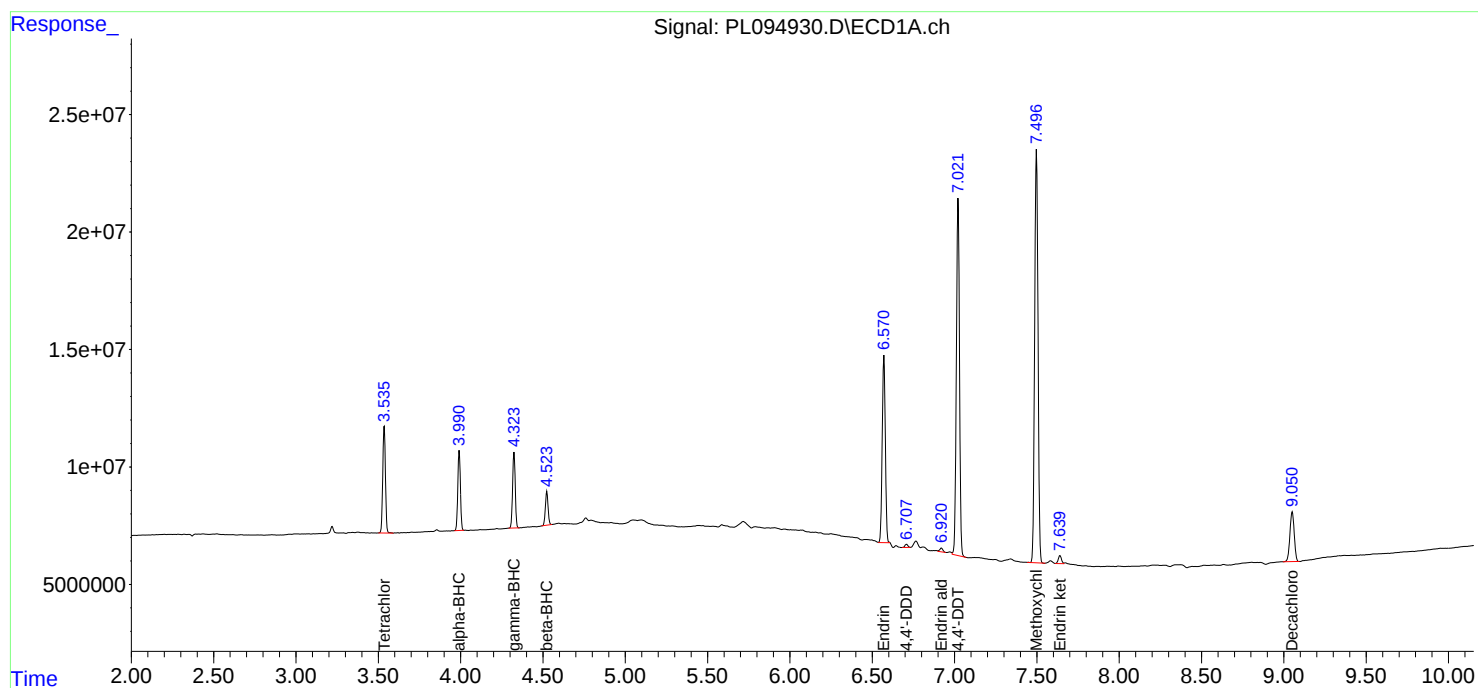
Instrument :
ECD_L
ClientSampleId :
PEM

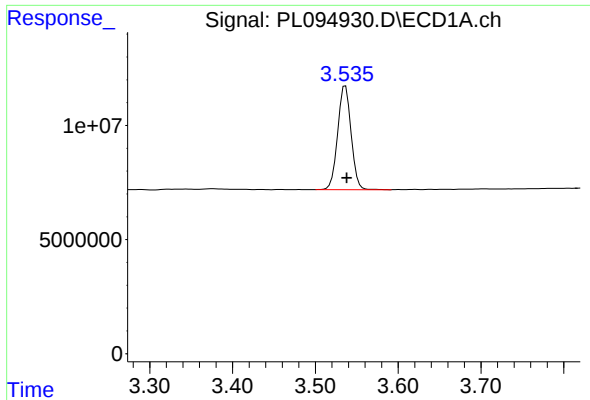
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Integration File signal 1: autoint1.e
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Volume Inj. : 1 µl
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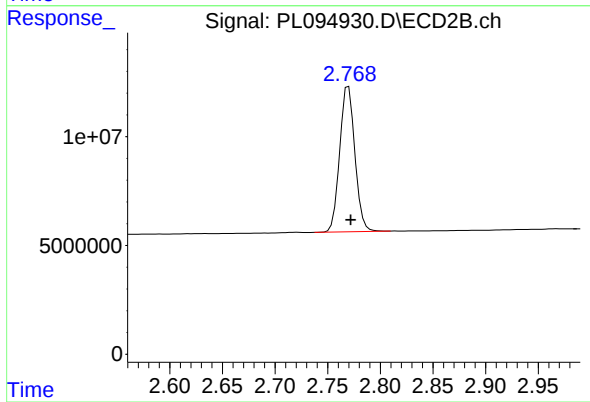
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 51176439
Conc: 18.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

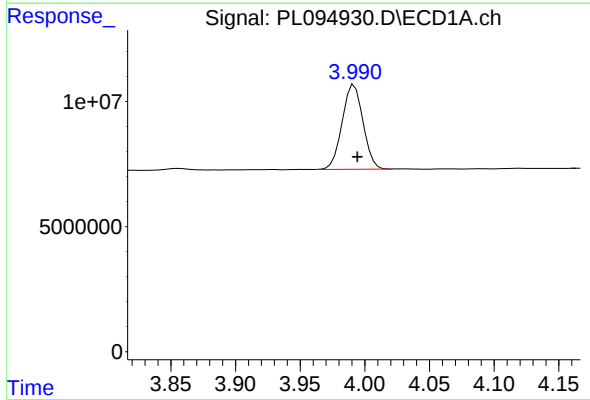
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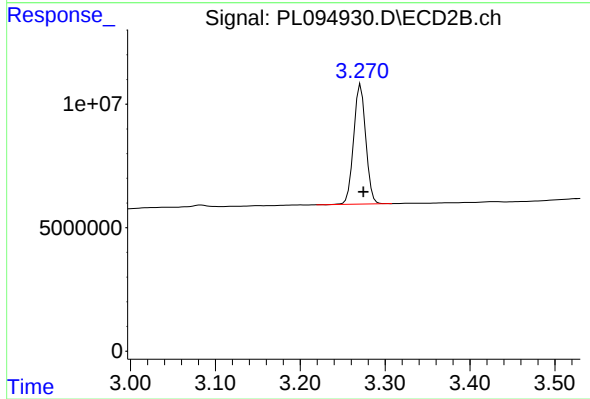
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 67174459
Conc: 18.82 ng/ml



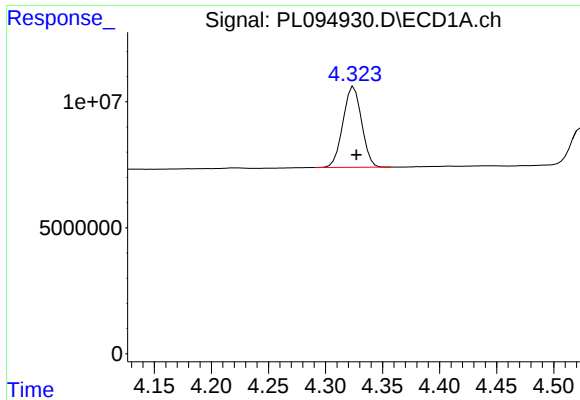
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 37842103
Conc: 9.11 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 48140858
Conc: 8.93 ng/ml



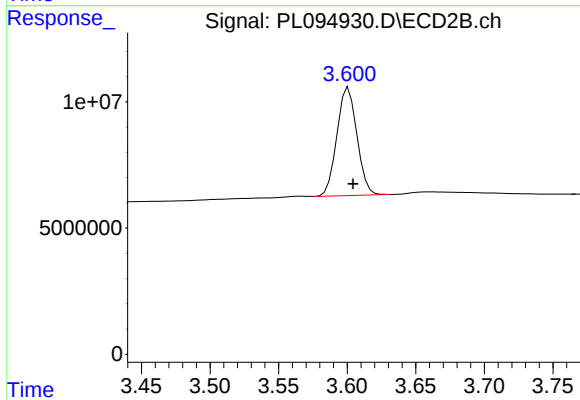
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 36410945
Conc: 9.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

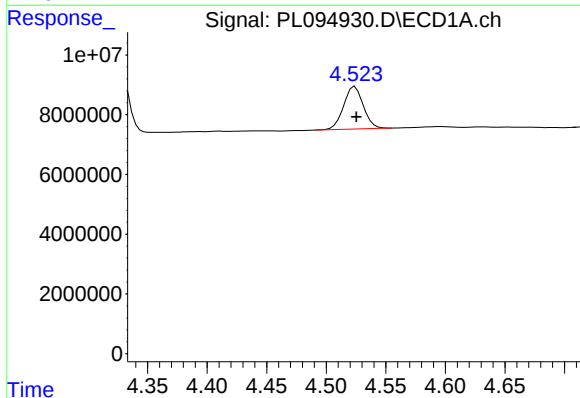
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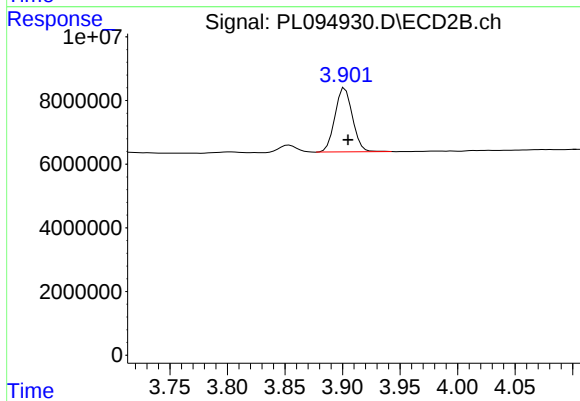
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.005 min
Response: 43658514
Conc: 8.49 ng/ml m



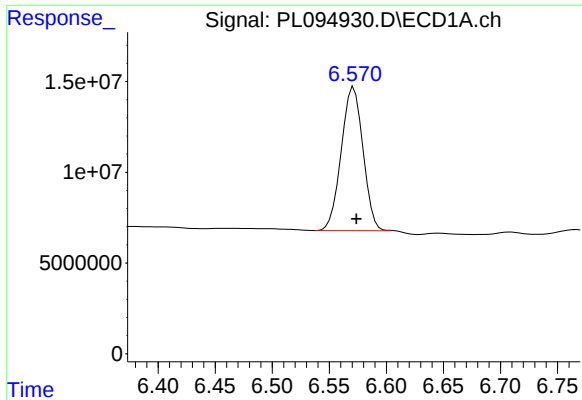
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 16361354
Conc: 8.87 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 21247164
Conc: 9.57 ng/ml



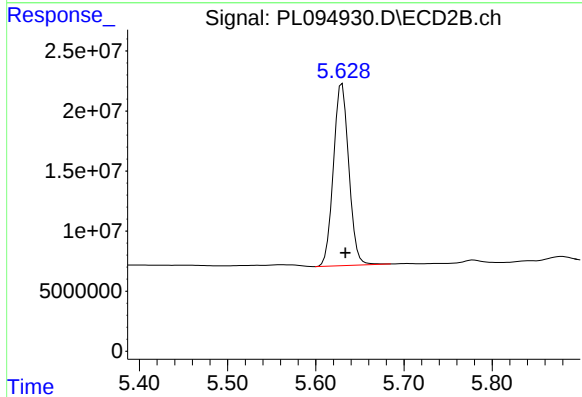
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.004 min
Response: 105202578
Conc: 37.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

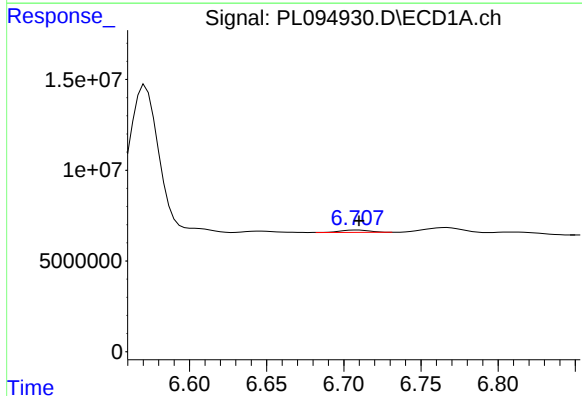
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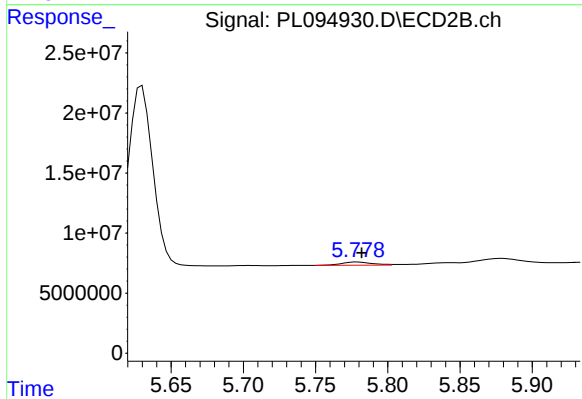
#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 183917757
Conc: 42.15 ng/ml



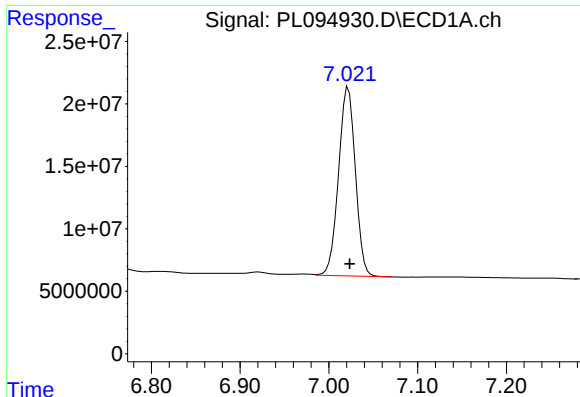
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 1704662
Conc: 0.79 ng/ml m



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 3712887
Conc: 1.03 ng/ml m



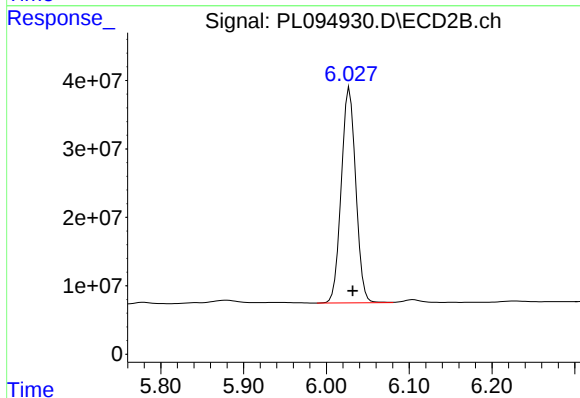
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 198963974
Conc: 83.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

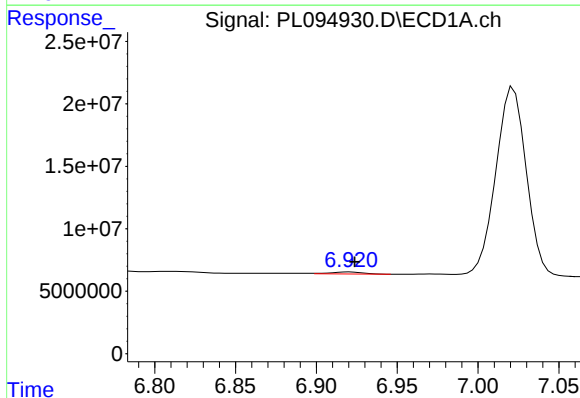
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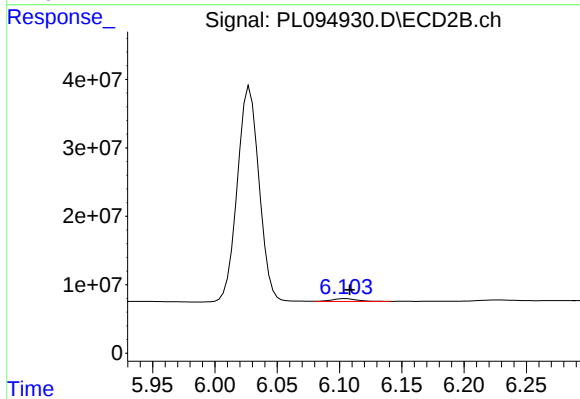
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.004 min
Response: 383043846
Conc: 95.00 ng/ml



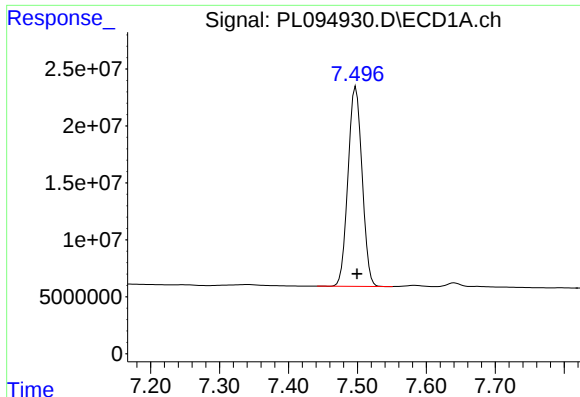
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.004 min
Response: 2137437
Conc: 1.01 ng/ml m



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 6109763
Conc: 1.82 ng/ml



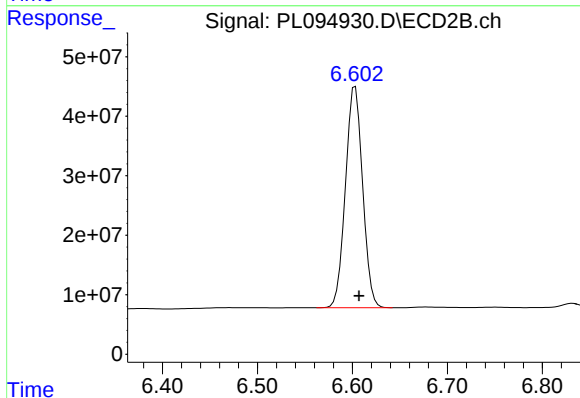
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 248547613
Conc: 207.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

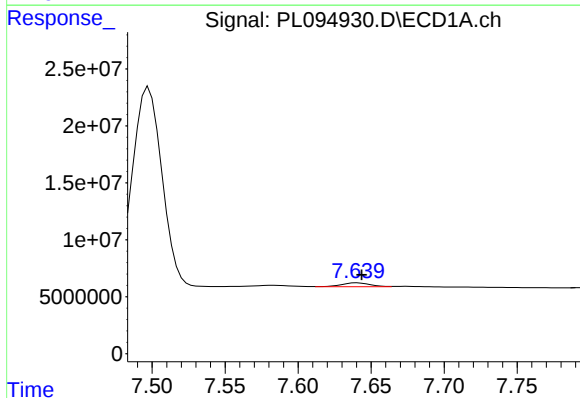
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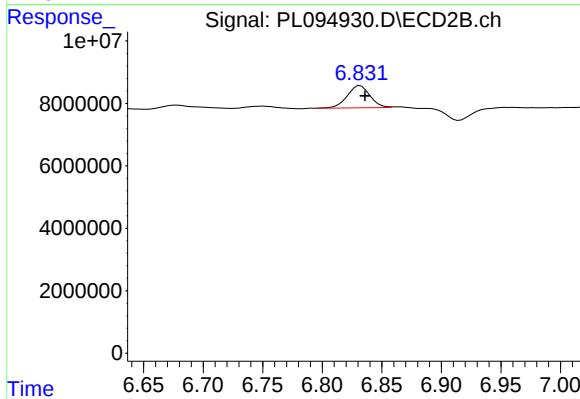
#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: -0.005 min
Response: 467683889
Conc: 220.49 ng/ml m



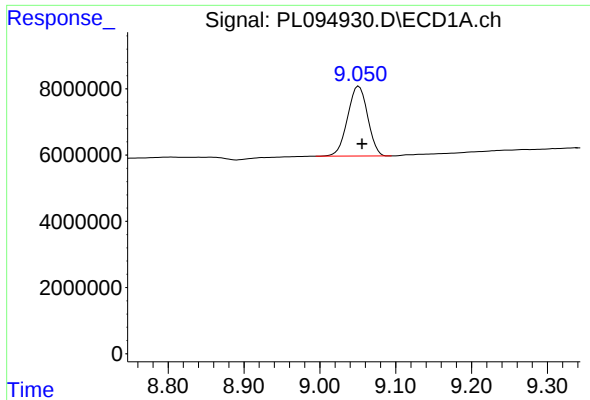
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: -0.004 min
Response: 4549629
Conc: 1.72 ng/ml m



#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.005 min
Response: 9418071
Conc: 1.97 ng/ml m



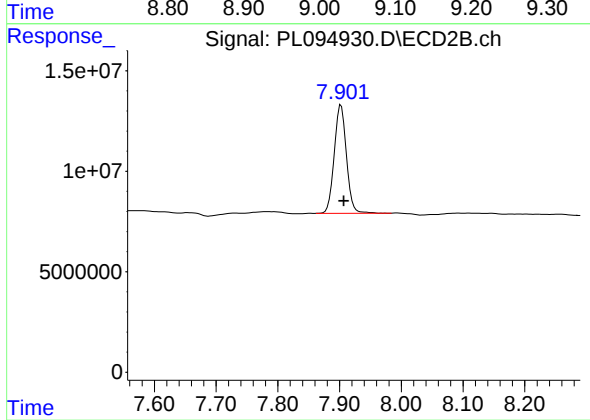
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.004 min
Response: 38783026
Conc: 18.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.004 min
Response: 74378884
Conc: 18.41 ng/ml