

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092925\
 Data File : PL097400.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2025 10:23
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/30/2025
 Supervised By : mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 13:30:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:40:25 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...	3.525	2.822	76997860	113.0E6	17.008	17.187
28)	SA Decachlor...	8.997	7.980	57845850	98590650	17.678	17.322
Target Compounds							
2)	A alpha-BHC	3.972	3.327	54981822	79883908	7.869	8.022
3)	MA gamma-BHC...	4.300	3.659	53396375	76437907	8.074	8.206
6)	B beta-BHC	4.487	3.955	23170990	35048155	8.499	8.628
14)	MA Endrin	6.529	5.700	192.7E6	322.1E6	41.771	42.887
16)	A 4,4'-DDD	6.662	5.847	1784565	3576707	0.473m	0.555m
17)	MA 4,4'-DDT	6.976	6.099	366.1E6	605.6E6	86.598	87.515
18)	B Endrin al...	6.873	6.171	1206809	11057298	0.391m	2.072 #
20)	A Methoxychlor	7.449	6.672	439.4E6	712.9E6	210.696	189.128
21)	B Endrin ke...	7.583	6.894	2467743	3161381	0.581m	0.420m#

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

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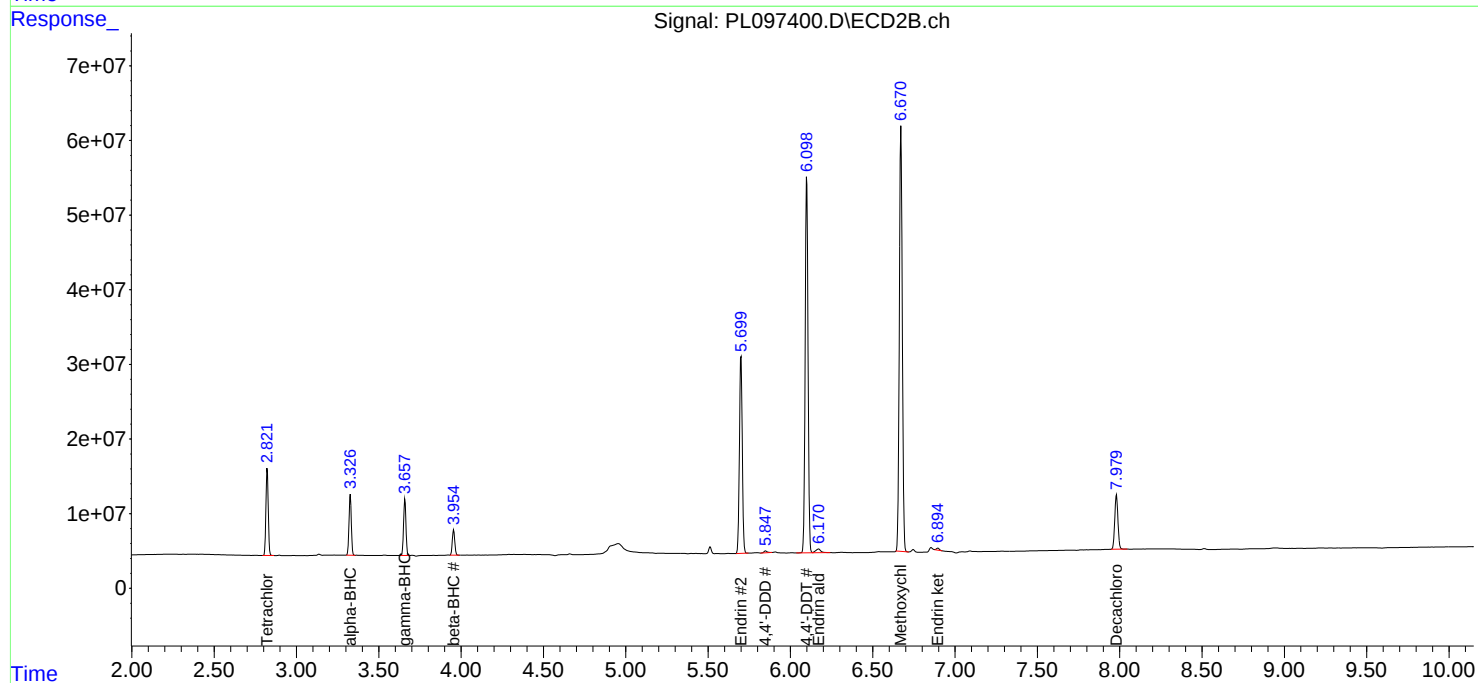
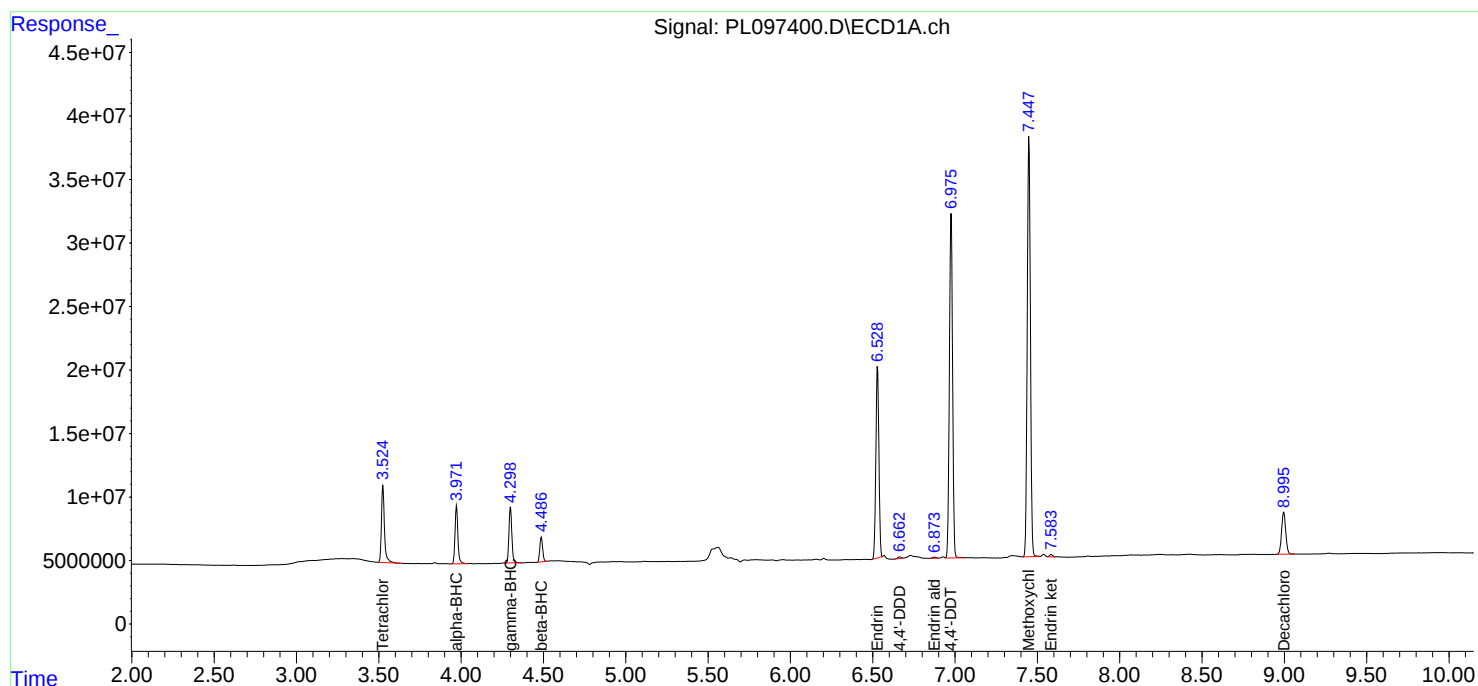
Instrument :
ECD_L
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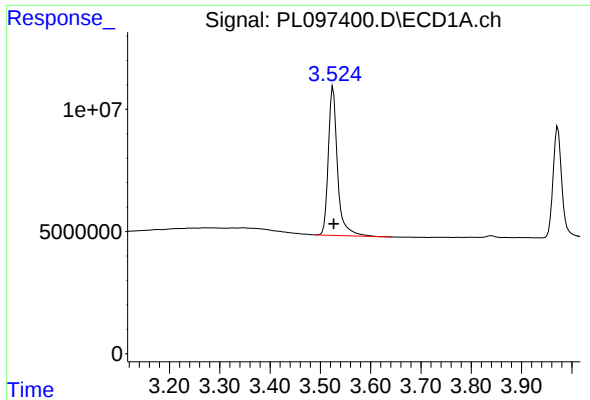
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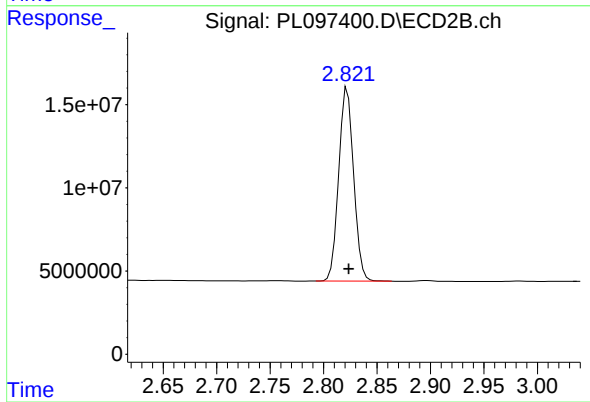
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: -0.002 min
Response: 76997860
Conc: 17.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

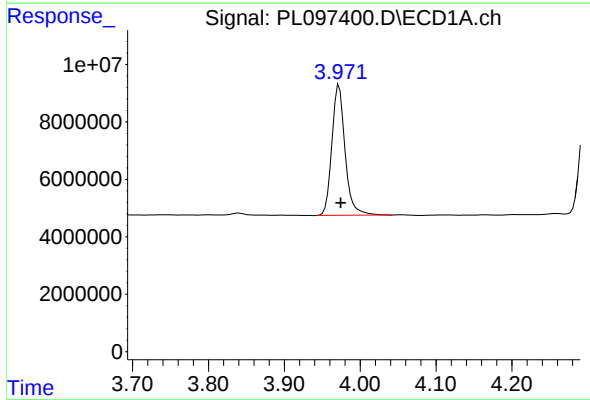
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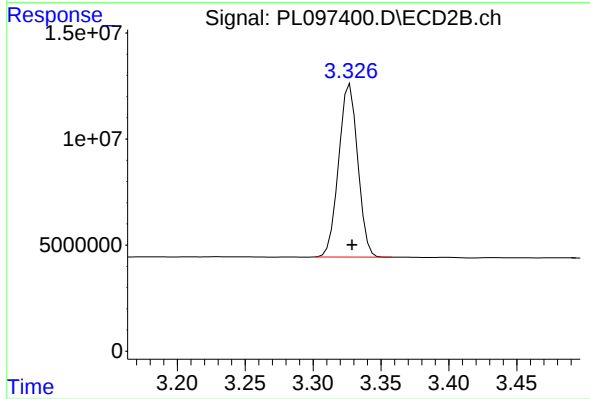
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: -0.001 min
Response: 113012255
Conc: 17.19 ng/ml



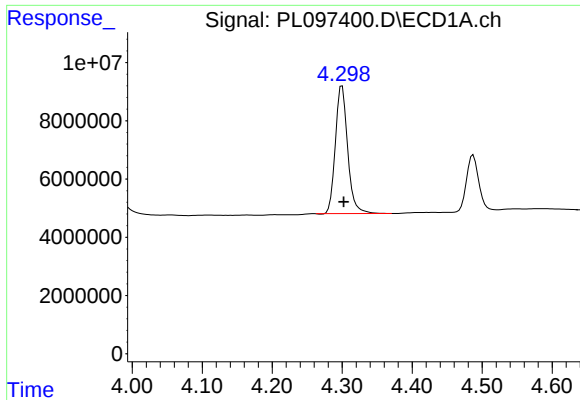
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: -0.002 min
Response: 54981822
Conc: 7.87 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: -0.002 min
Response: 79883908
Conc: 8.02 ng/ml



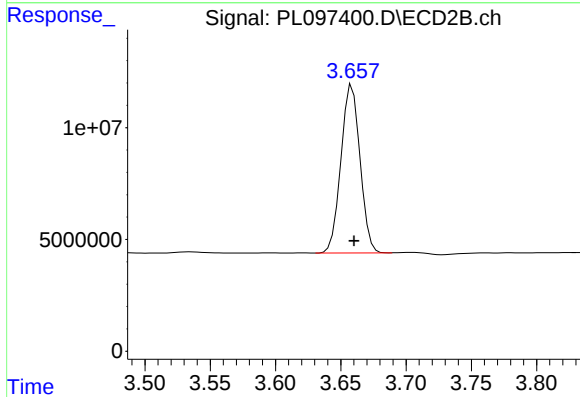
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: -0.002 min
Response: 53396375
Conc: 8.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

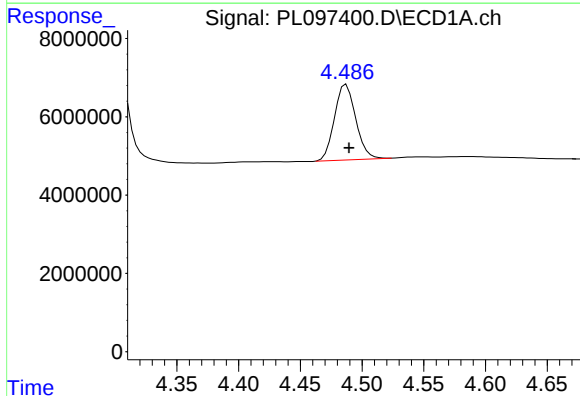
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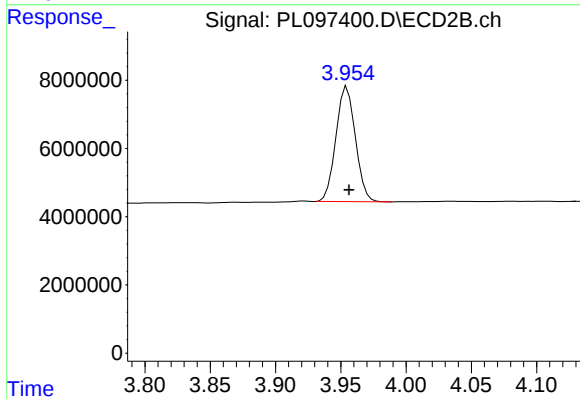
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: -0.002 min
Response: 76437907
Conc: 8.21 ng/ml



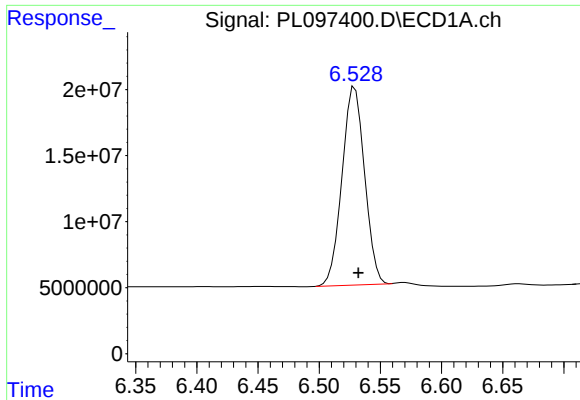
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: -0.002 min
Response: 23170990
Conc: 8.50 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: -0.001 min
Response: 35048155
Conc: 8.63 ng/ml



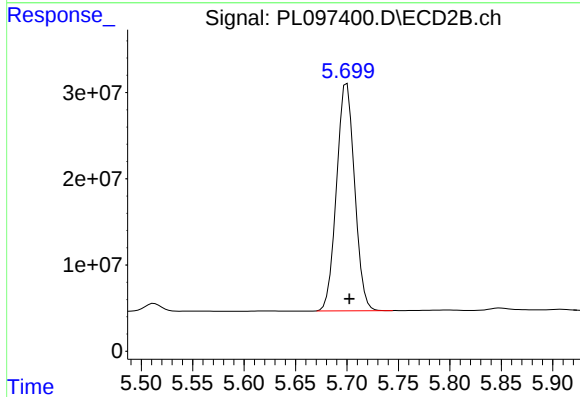
#14 Endrin

R.T.: 6.529 min
Delta R.T.: -0.003 min
Response: 192697114
Conc: 41.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

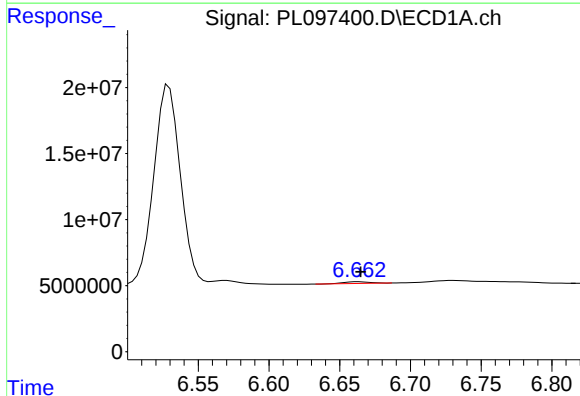
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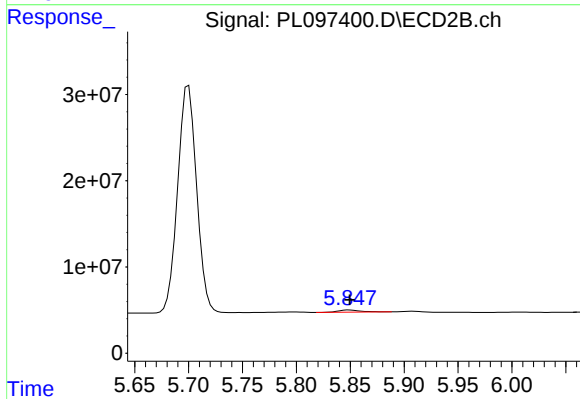
#14 Endrin

R.T.: 5.700 min
Delta R.T.: -0.003 min
Response: 322106350
Conc: 42.89 ng/ml



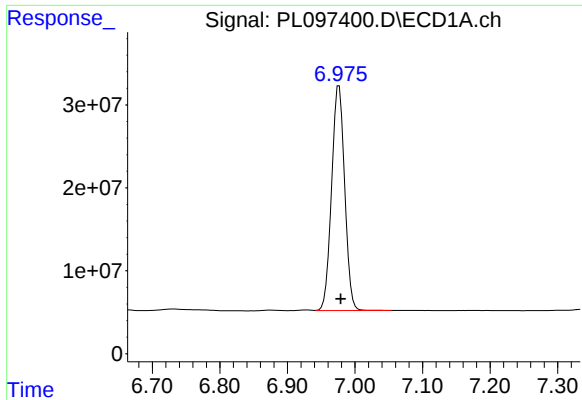
#16 4,4'-DDD

R.T.: 6.662 min
Delta R.T.: -0.003 min
Response: 1784565
Conc: 0.47 ng/ml m



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: -0.002 min
Response: 3576707
Conc: 0.55 ng/ml m



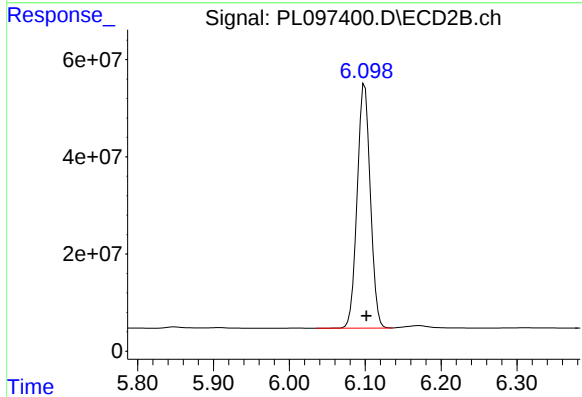
#17 4,4'-DDT

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 366067492
Conc: 86.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

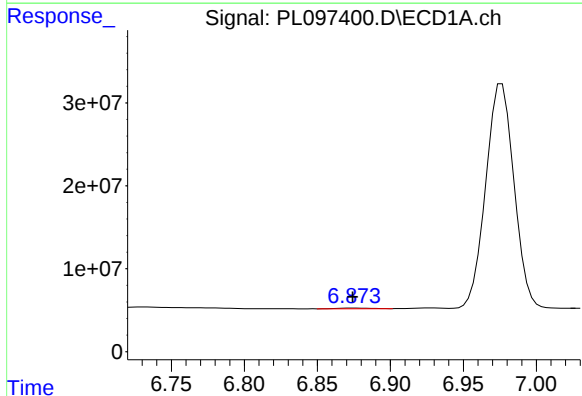
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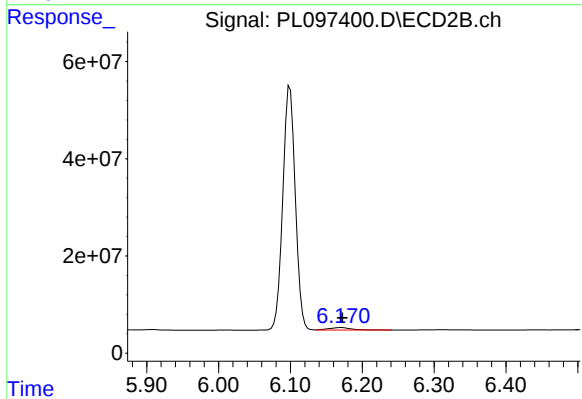
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: -0.002 min
Response: 605649274
Conc: 87.52 ng/ml



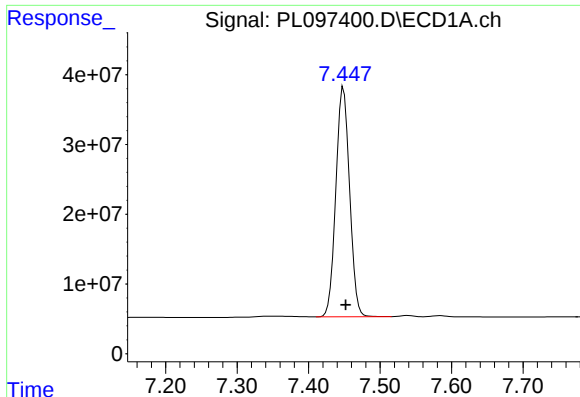
#18 Endrin aldehyde

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 1206809
Conc: 0.39 ng/ml m



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.001 min
Response: 11057298
Conc: 2.07 ng/ml



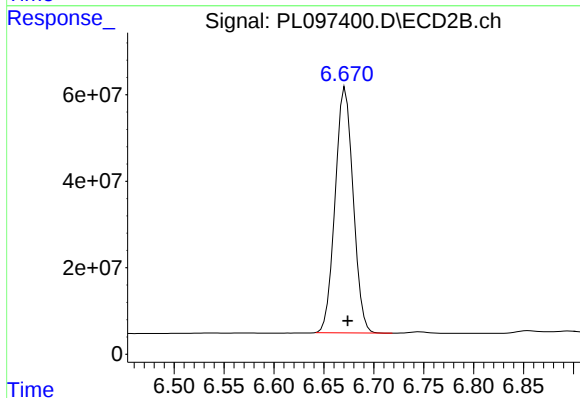
#20 Methoxychlor

R.T.: 7.449 min
Delta R.T.: -0.003 min
Response: 439381253
Conc: 210.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

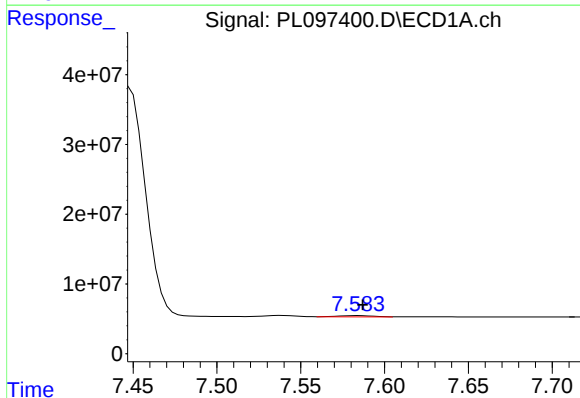
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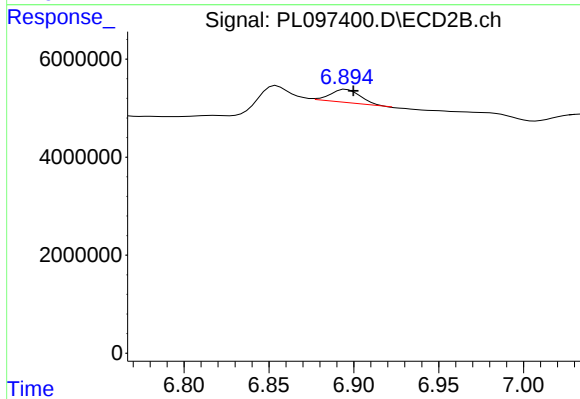
#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: -0.002 min
Response: 712912888
Conc: 189.13 ng/ml



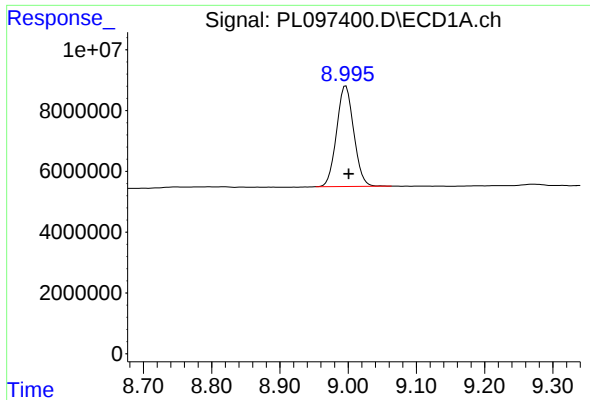
#21 Endrin ketone

R.T.: 7.583 min
Delta R.T.: -0.004 min
Response: 2467743
Conc: 0.58 ng/ml m



#21 Endrin ketone

R.T.: 6.894 min
Delta R.T.: -0.006 min
Response: 3161381
Conc: 0.42 ng/ml m



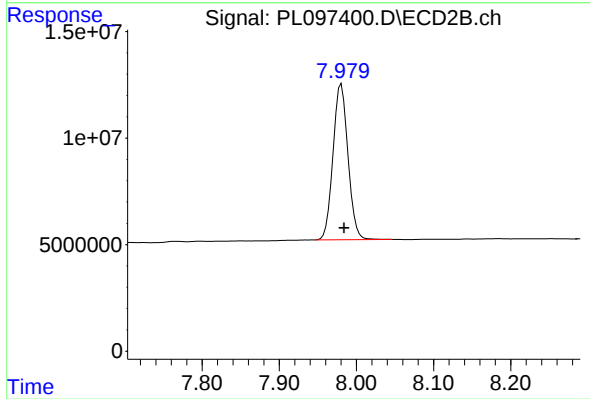
#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: -0.004 min
Response: 57845850
Conc: 17.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.980 min
Delta R.T.: -0.004 min
Response: 98590650
Conc: 17.32 ng/ml