

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092525\
 Data File : PL097367.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2025 12:11
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/26/2025
 Supervised By : Sohil Jodhani 09/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 07:30:22 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...	3.526	2.821	88893648	131.8E6	19.636	20.038
28)	SA Decachlor...	9.005	7.984	67985016	111.6E6	20.776	19.610
Target Compounds							
2)	A alpha-BHC	3.973	3.326	66172021	94812582	9.470	9.522
3)	MA gamma-BHC...	4.300	3.658	63276454	89945550	9.568m	9.656
6)	B beta-BHC	4.489	3.954	28659865	40722587	10.513	10.025
12)	B 4,4'-DDE	6.158	5.295	1334101	922658	0.280m	0.120m#
14)	MA Endrin	6.533	5.701	216.2E6	339.1E6	46.877	45.148
16)	A 4,4'-DDD	6.666	5.848	28465424	38642708	7.549	5.992
17)	MA 4,4'-DDT	6.981	6.101	371.1E6	614.2E6	87.781	88.753
18)	B Endrin al...	6.876	6.173	2992101	7853607	0.971m	1.471 #
20)	A Methoxychlor	7.454	6.674	440.7E6	701.2E6	211.320	186.012
21)	B Endrin ke...	7.589	6.899	13978850	37174836	3.294	4.937 #

(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

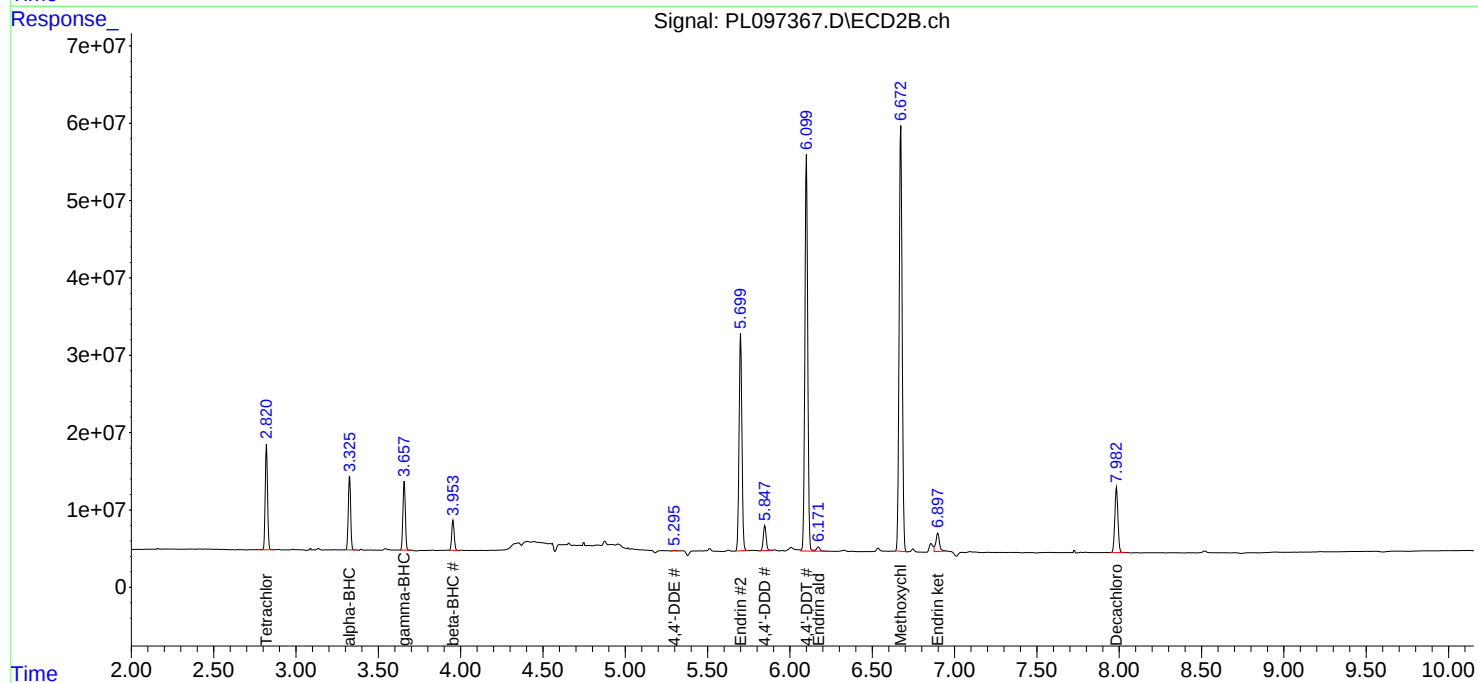
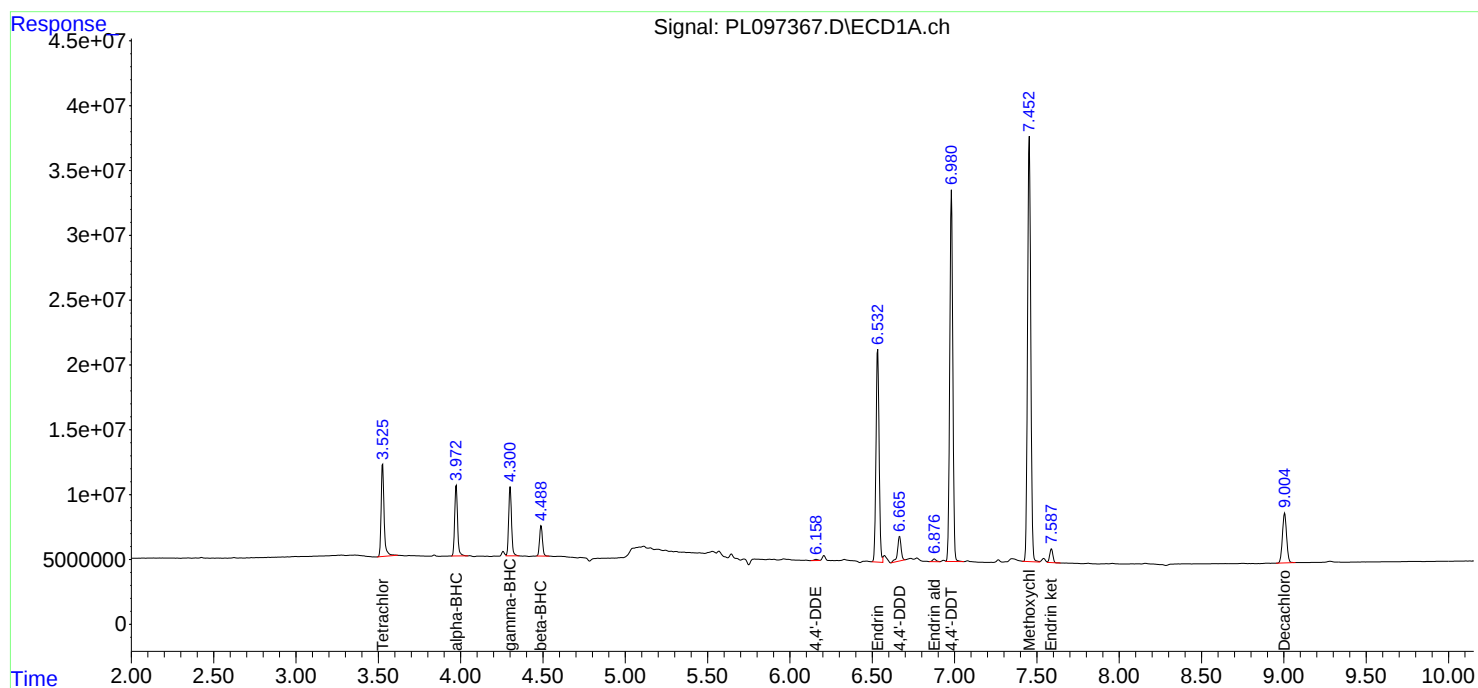
Instrument :
ECD_L
ClientSampleId :
PEM

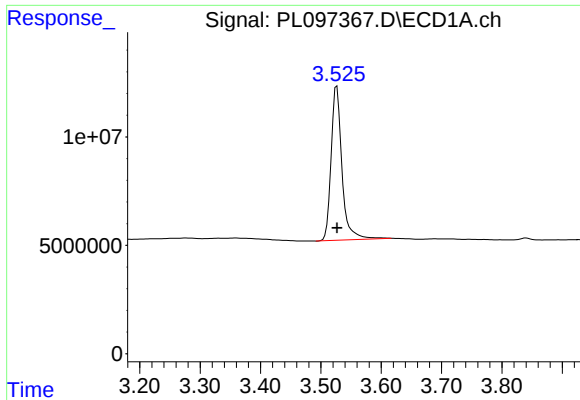
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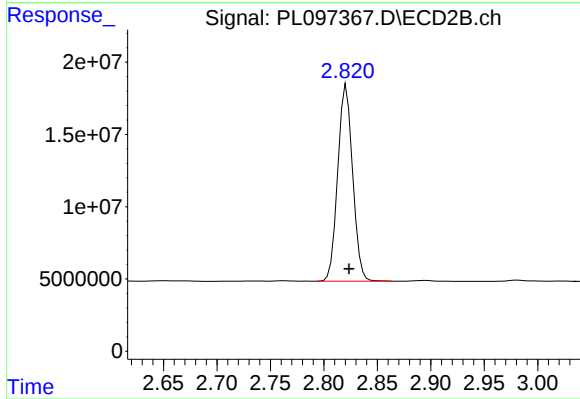
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: 0.000 min
Response: 88893648
Conc: 19.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

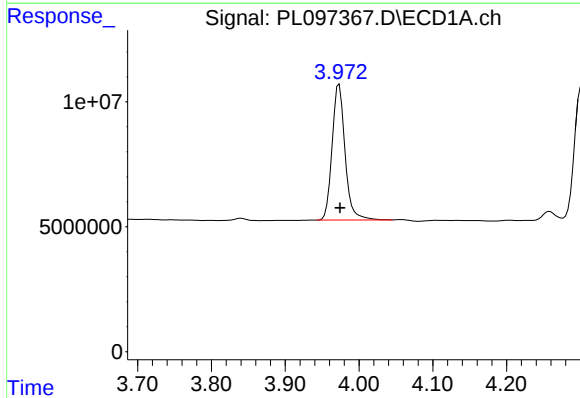
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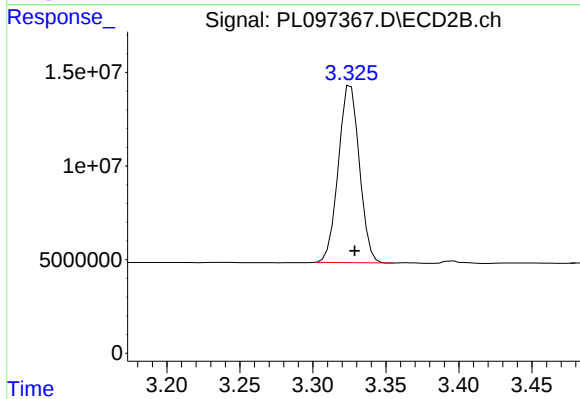
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: -0.002 min
Response: 131762619
Conc: 20.04 ng/ml



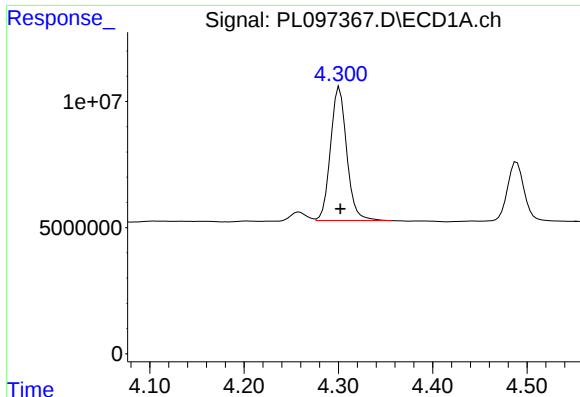
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: -0.001 min
Response: 66172021
Conc: 9.47 ng/ml



#2 alpha-BHC

R.T.: 3.326 min
Delta R.T.: -0.003 min
Response: 94812582
Conc: 9.52 ng/ml



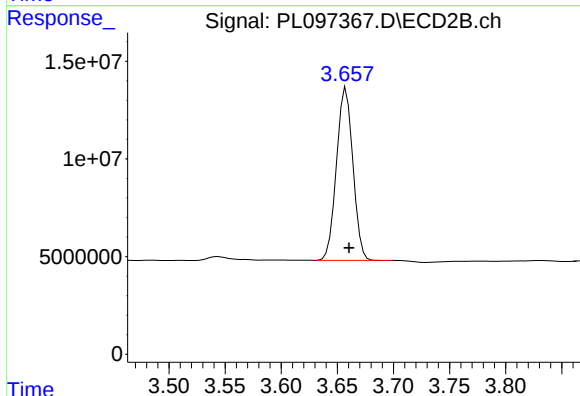
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: -0.002 min
Response: 63276454
Conc: 9.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

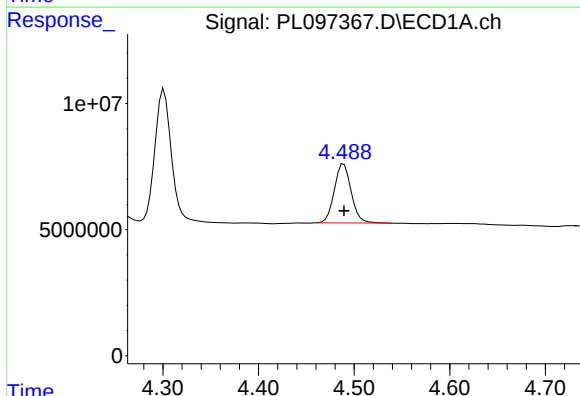
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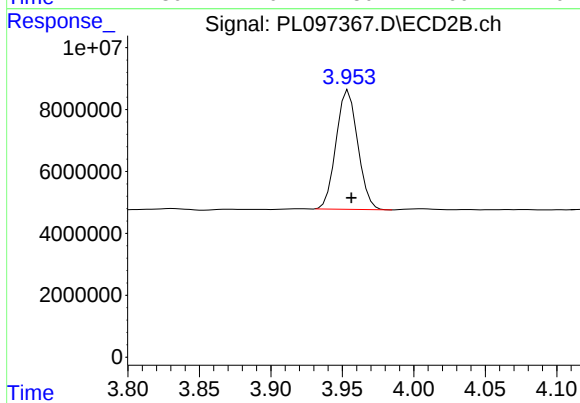
#3 gamma-BHC (Lindane)

R.T.: 3.658 min
Delta R.T.: -0.002 min
Response: 89945550
Conc: 9.66 ng/ml



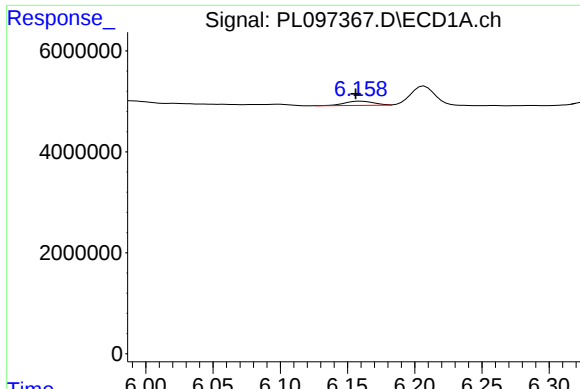
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 28659865
Conc: 10.51 ng/ml



#6 beta-BHC

R.T.: 3.954 min
Delta R.T.: -0.002 min
Response: 40722587
Conc: 10.03 ng/ml



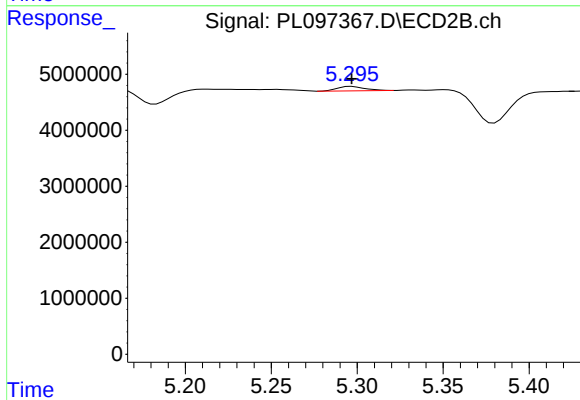
#12 4,4'-DDE

R.T.: 6.158 min
Delta R.T.: 0.002 min
Response: 1334101
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

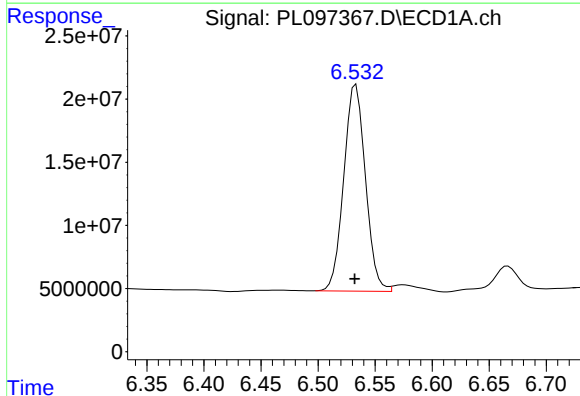
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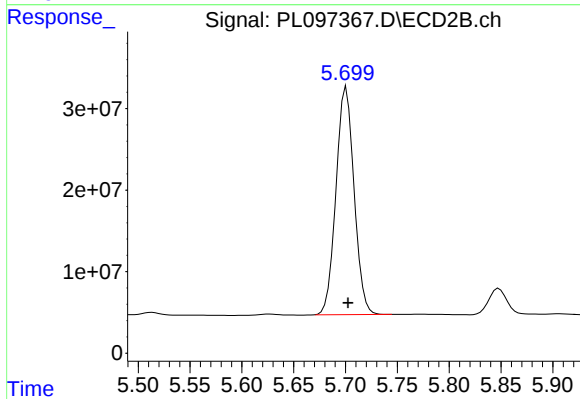
#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.001 min
Response: 922658
Conc: 0.12 ng/ml m



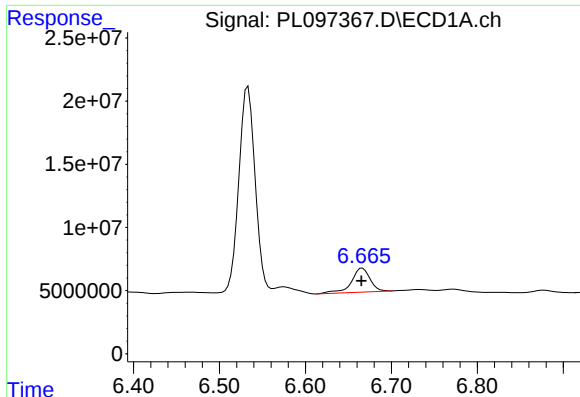
#14 Endrin

R.T.: 6.533 min
Delta R.T.: 0.001 min
Response: 216248304
Conc: 46.88 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.002 min
Response: 339081630
Conc: 45.15 ng/ml



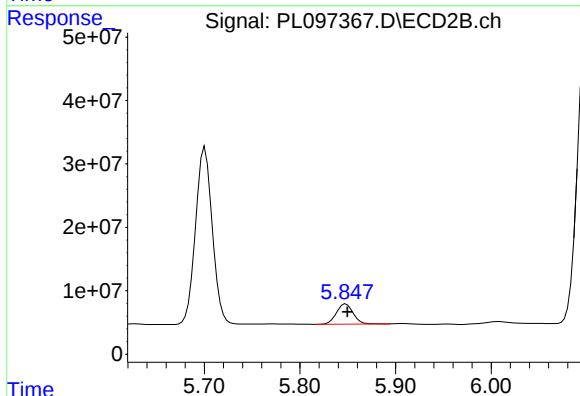
#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: 0.002 min
Response: 28465424
Conc: 7.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

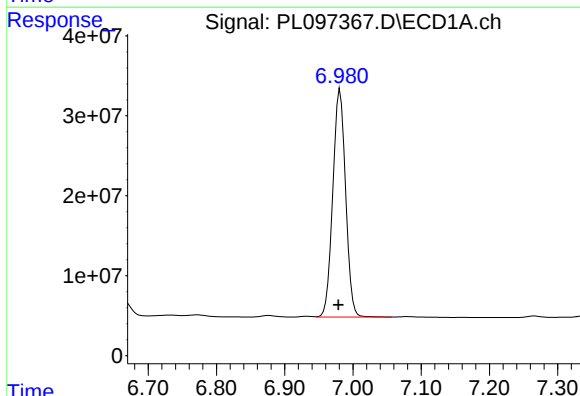
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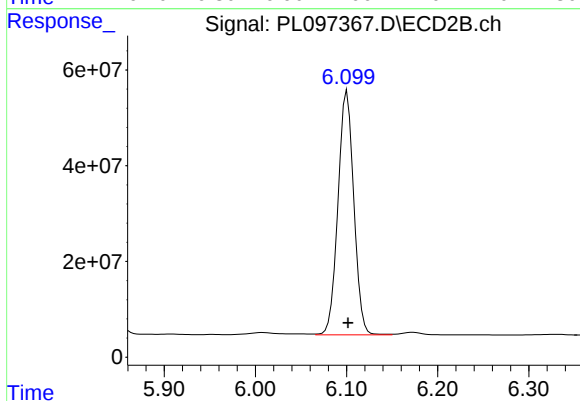
#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 38642708
Conc: 5.99 ng/ml



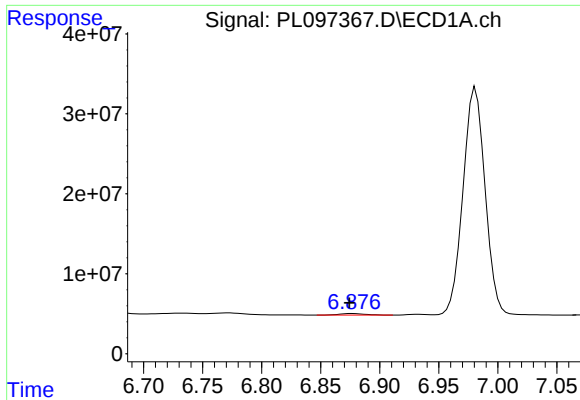
#17 4,4'-DDT

R.T.: 6.981 min
Delta R.T.: 0.002 min
Response: 371069259
Conc: 87.78 ng/ml



#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 614212331
Conc: 88.75 ng/ml



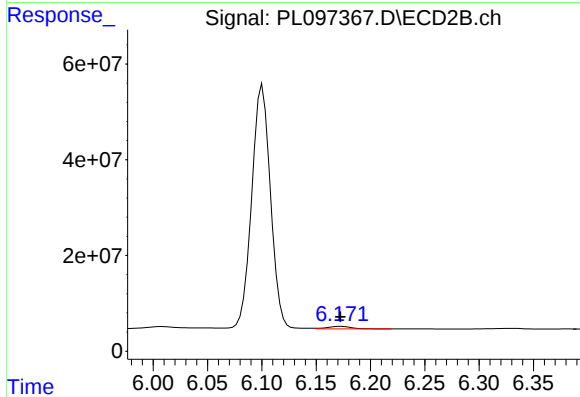
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.002 min
Response: 2992101
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

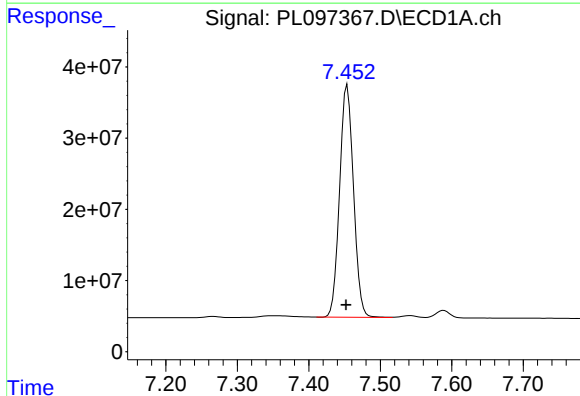
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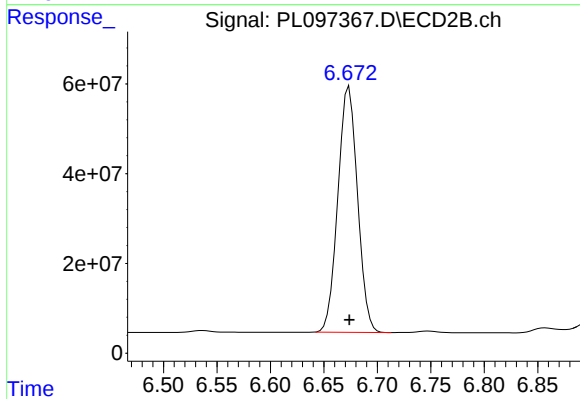
#18 Endrin aldehyde

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 7853607
Conc: 1.47 ng/ml



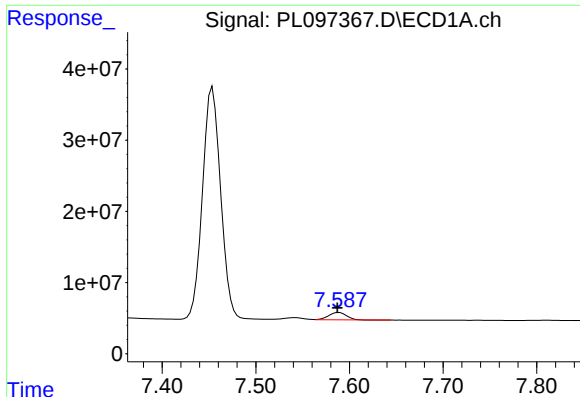
#20 Methoxychlor

R.T.: 7.454 min
Delta R.T.: 0.002 min
Response: 440681277
Conc: 211.32 ng/ml



#20 Methoxychlor

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 701168725
Conc: 186.01 ng/ml



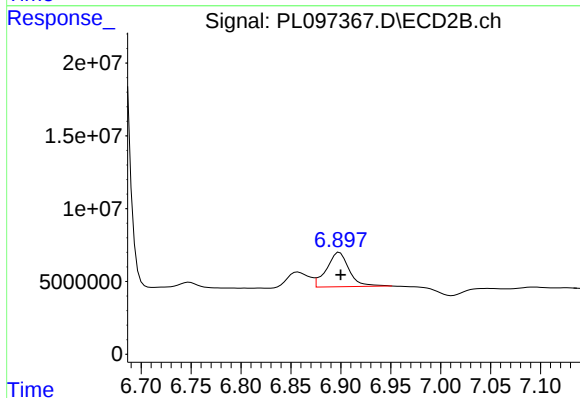
#21 Endrin ketone

R.T.: 7.589 min
Delta R.T.: 0.002 min
Response: 13978850
Conc: 3.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

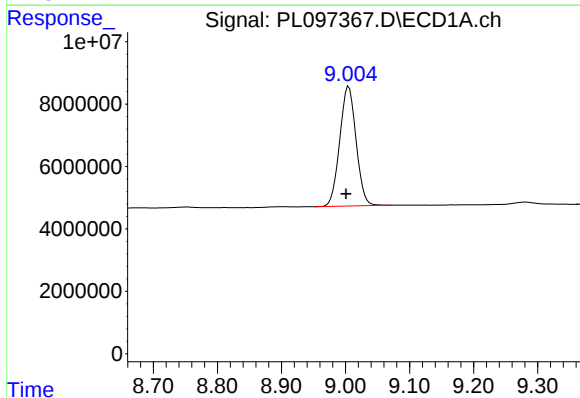
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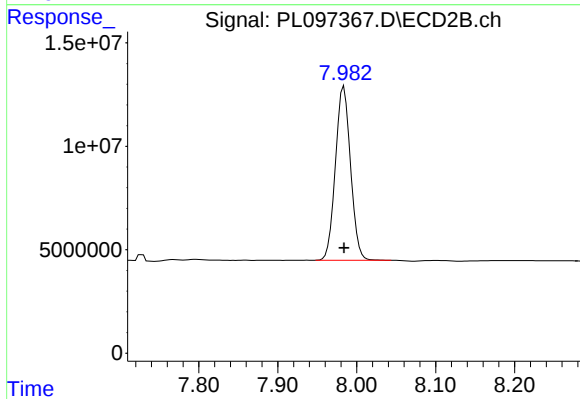
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: -0.001 min
Response: 37174836
Conc: 4.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.005 min
Delta R.T.: 0.004 min
Response: 67985016
Conc: 20.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: 0.000 min
Response: 111614180
Conc: 19.61 ng/ml