

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
 Data File : PL097658.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 19:16
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/29/2025
 Supervised By : Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 07:10:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 17:14:31 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...	3.523	2.821	86772675	124.1E6	21.206	20.618
28)	SA Decachlor...	8.993	7.979	64916361	117.7E6	21.819	22.027
Target Compounds							
2)	A alpha-BHC	3.970	3.326	62845933	88470544	9.250	9.094
3)	MA gamma-BHC...	4.298	3.657	61129217	84429049	9.568	9.320
6)	B beta-BHC	4.486	3.954	26463782	38314020	10.154	9.697
14)	MA Endrin	6.527	5.698	216.4E6	347.7E6	48.301	49.691
16)	A 4,4'-DDD	6.659	5.844	3528819	6653594	0.987m	1.038m
17)	MA 4,4'-DDT	6.974	6.097	397.3E6	690.3E6	98.529	100.363
18)	B Endrin al...	6.871	6.168	1259735	11068175	0.383m	1.923m#
20)	A Methoxychlor	7.447	6.670	473.7E6	792.8E6	232.089	213.399
21)	B Endrin ke...	7.579	6.894	3302603	6470957	0.793m	0.869

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

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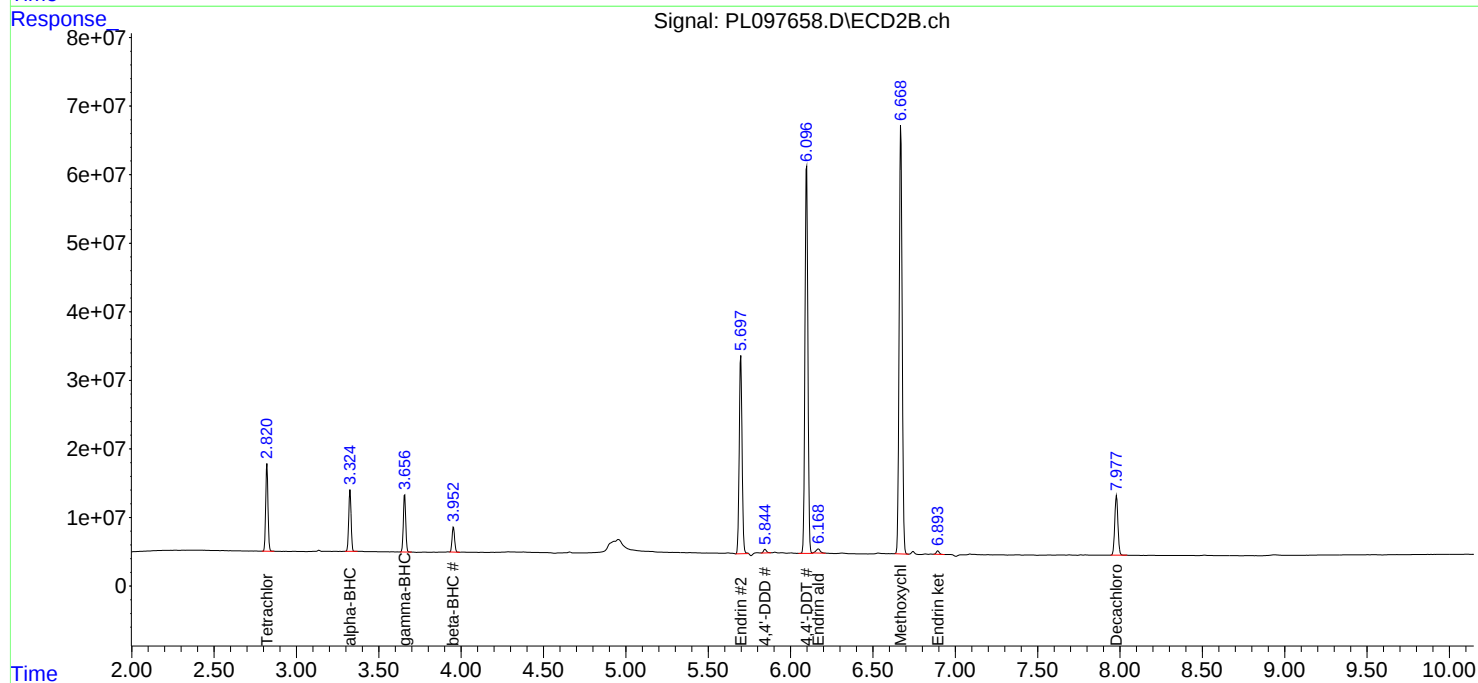
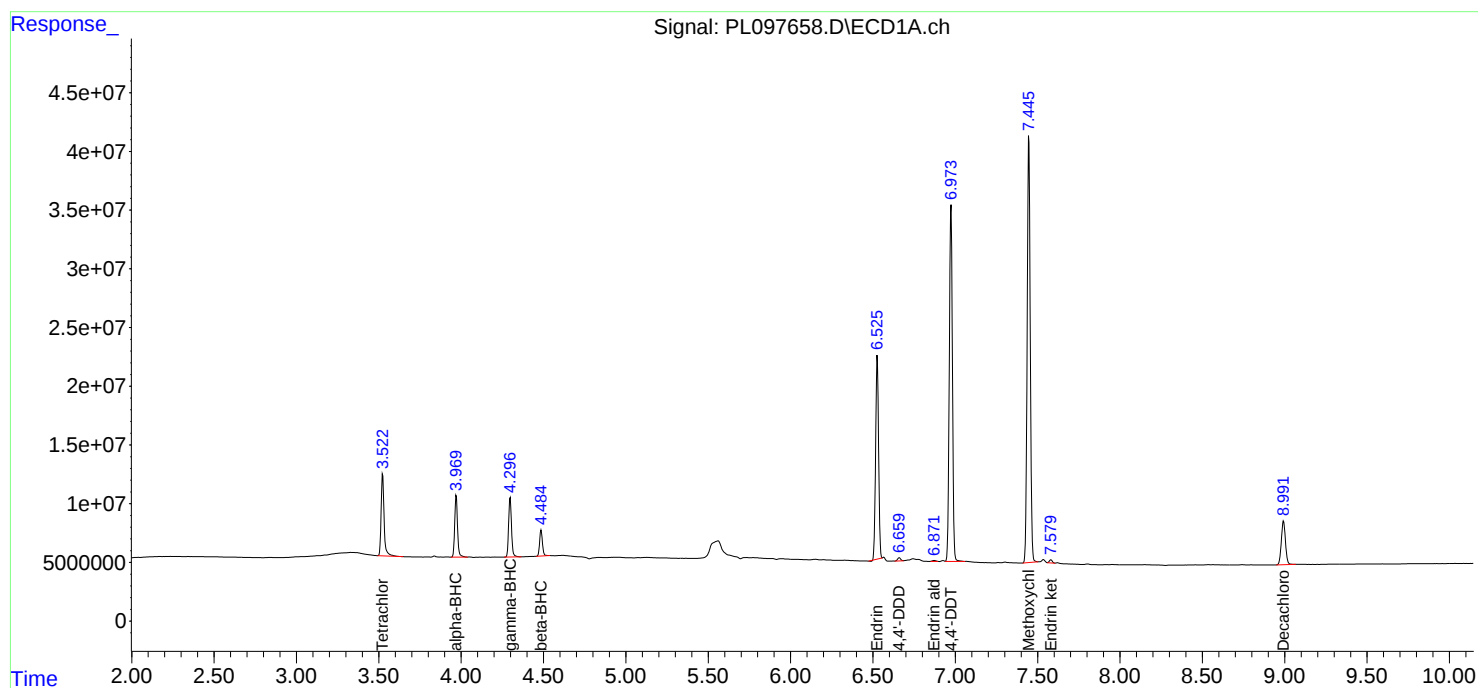
Instrument :
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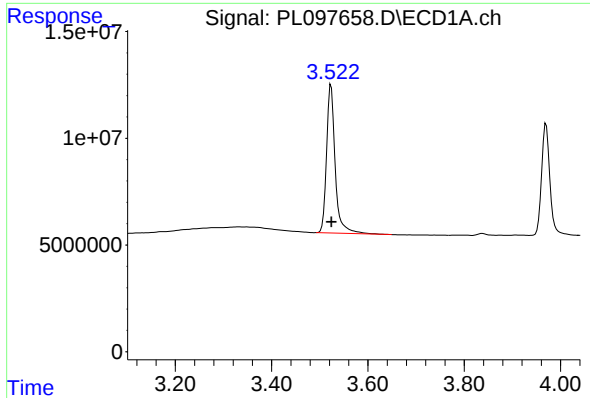
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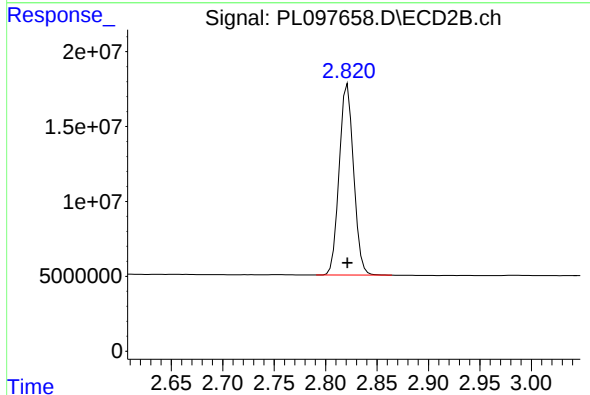
#1 Tetrachloro-m-xylene

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 86772675
Conc: 21.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

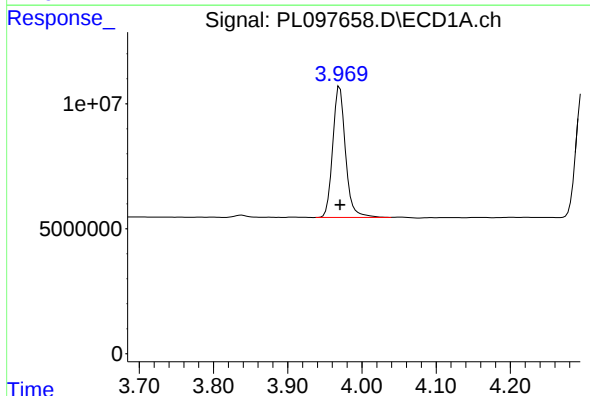
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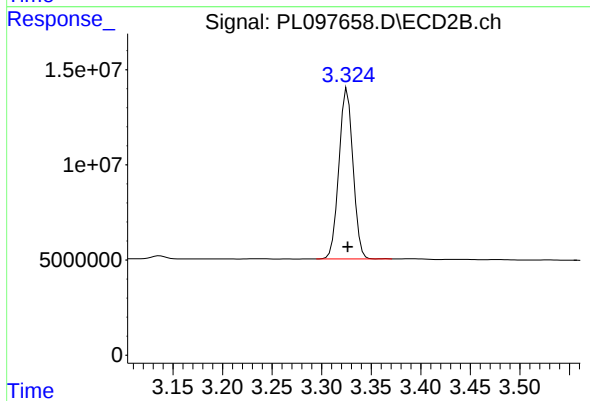
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: 0.000 min
Response: 124099297
Conc: 20.62 ng/ml



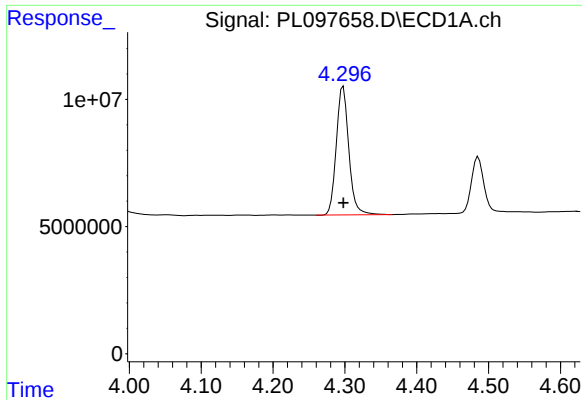
#2 alpha-BHC

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 62845933
Conc: 9.25 ng/ml



#2 alpha-BHC

R.T.: 3.326 min
Delta R.T.: 0.000 min
Response: 88470544
Conc: 9.09 ng/ml



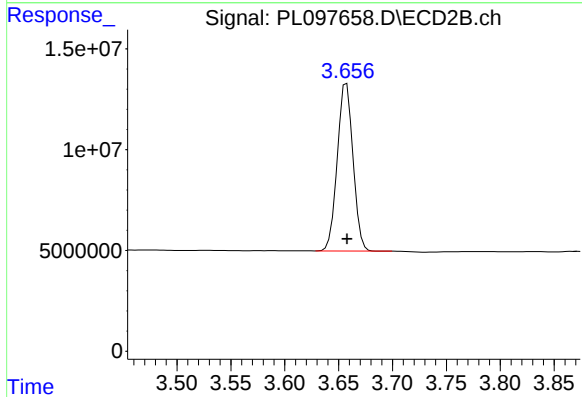
#3 gamma-BHC (Lindane)

R.T.: 4.298 min
Delta R.T.: 0.000 min
Response: 61129217
Conc: 9.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

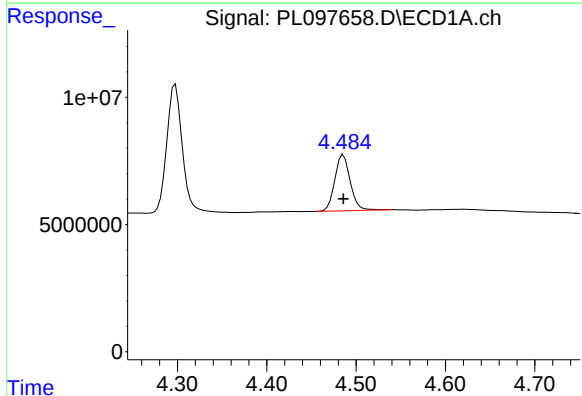
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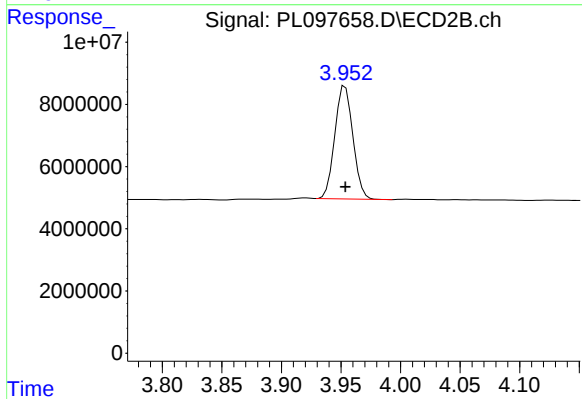
#3 gamma-BHC (Lindane)

R.T.: 3.657 min
Delta R.T.: 0.000 min
Response: 84429049
Conc: 9.32 ng/ml



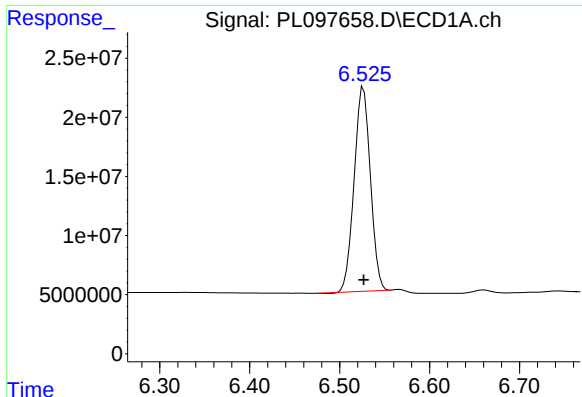
#6 beta-BHC

R.T.: 4.486 min
Delta R.T.: 0.000 min
Response: 26463782
Conc: 10.15 ng/ml



#6 beta-BHC

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 38314020
Conc: 9.70 ng/ml



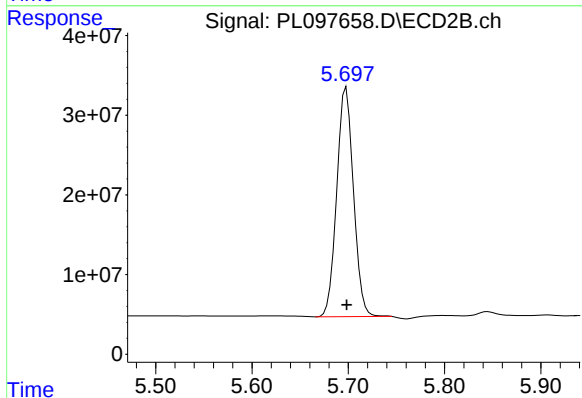
#14 Endrin

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 216374572
Conc: 48.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

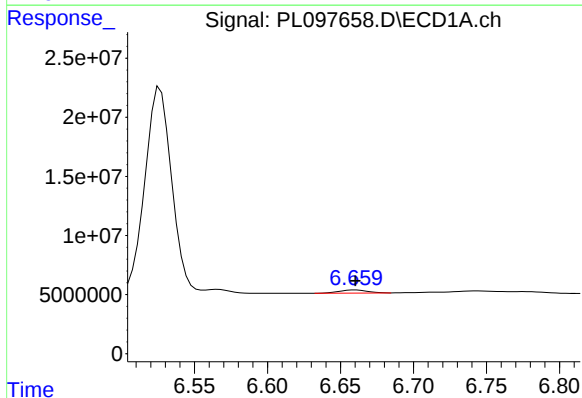
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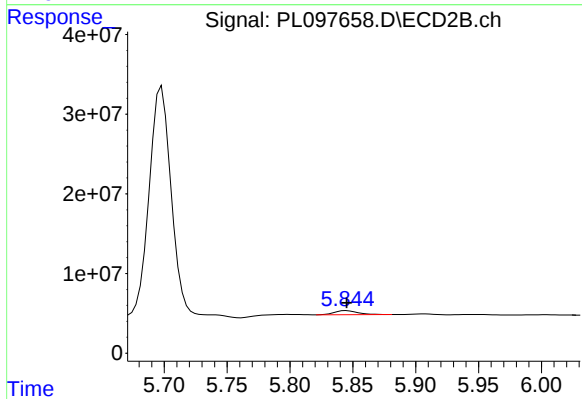
#14 Endrin

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 347666746
Conc: 49.69 ng/ml



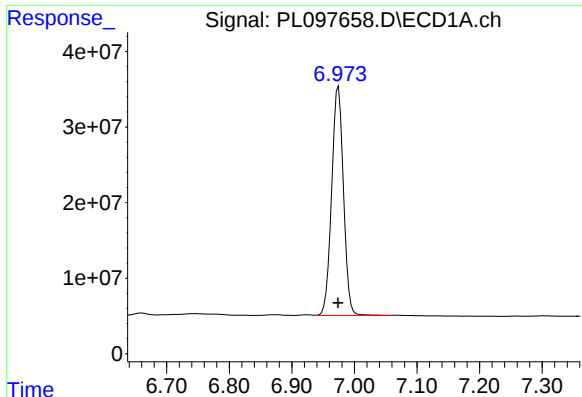
#16 4,4'-DDD

R.T.: 6.659 min
Delta R.T.: -0.001 min
Response: 3528819
Conc: 0.99 ng/ml m



#16 4,4'-DDD

R.T.: 5.844 min
Delta R.T.: -0.002 min
Response: 6653594
Conc: 1.04 ng/ml m



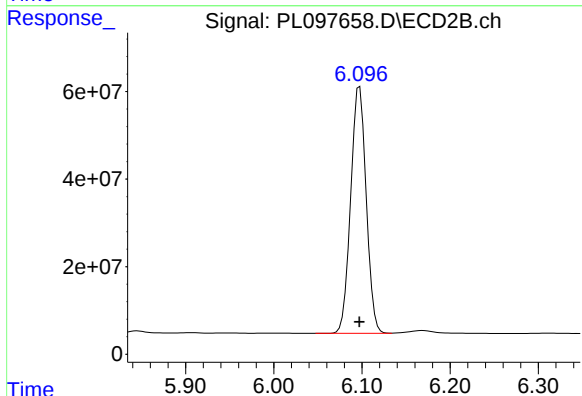
#17 4,4'-DDT

R.T.: 6.974 min
Delta R.T.: 0.000 min
Response: 397261842
Conc: 98.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

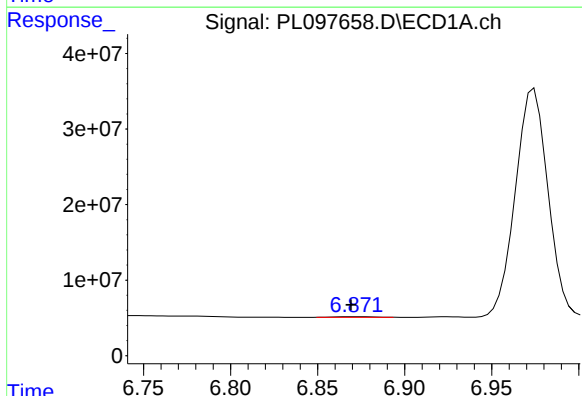
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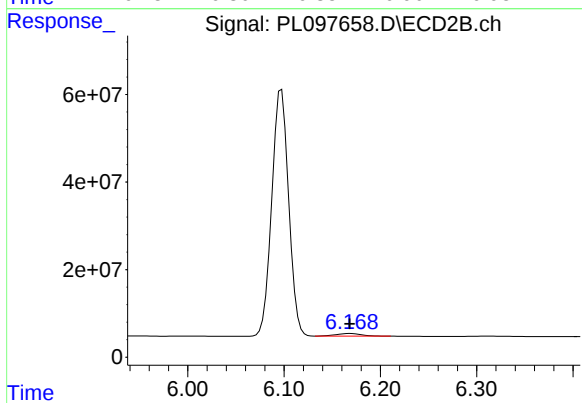
#17 4,4'-DDT

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 690333486
Conc: 100.36 ng/ml



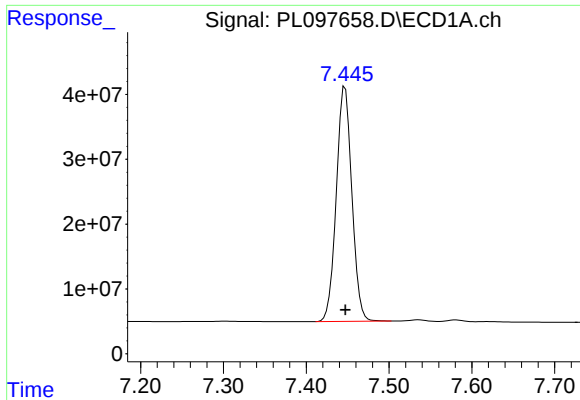
#18 Endrin aldehyde

R.T.: 6.871 min
Delta R.T.: 0.002 min
Response: 1259735
Conc: 0.38 ng/ml m



#18 Endrin aldehyde

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 11068175
Conc: 1.92 ng/ml m



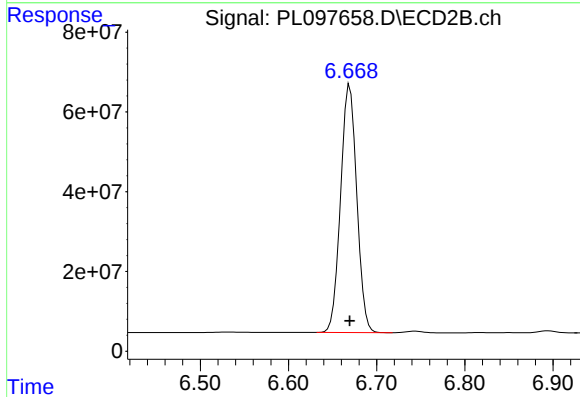
#20 Methoxychlor

R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 473651254
Conc: 232.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

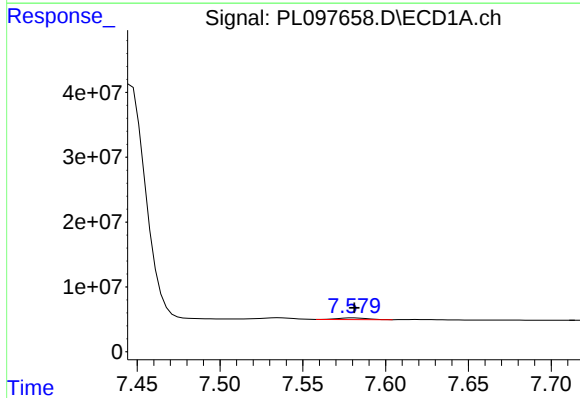
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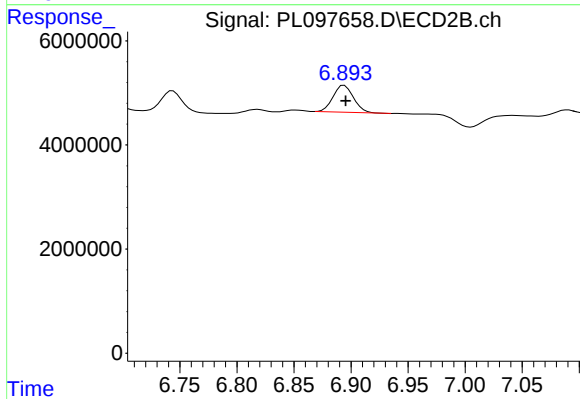
#20 Methoxychlor

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 792832256
Conc: 213.40 ng/ml



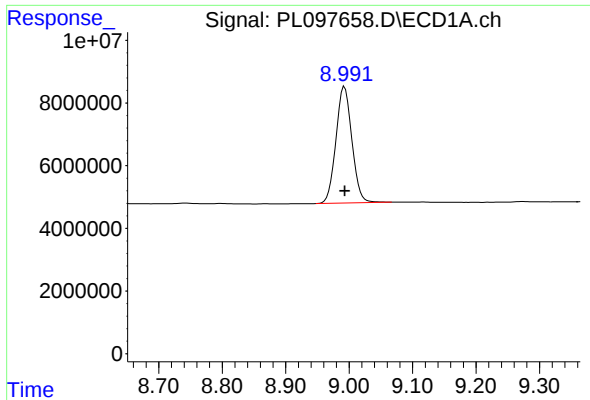
#21 Endrin ketone

R.T.: 7.579 min
Delta R.T.: -0.002 min
Response: 3302603
Conc: 0.79 ng/ml m



#21 Endrin ketone

R.T.: 6.894 min
Delta R.T.: -0.001 min
Response: 6470957
Conc: 0.87 ng/ml



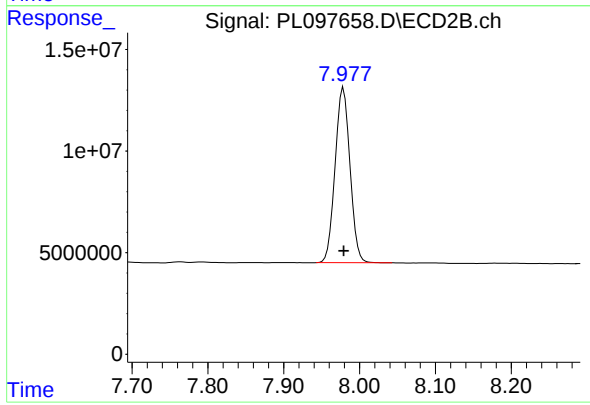
#28 Decachlorobiphenyl

R.T.: 8.993 min
Delta R.T.: 0.000 min
Response: 64916361
Conc: 21.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.979 min
Delta R.T.: 0.000 min
Response: 117732310
Conc: 22.03 ng/ml