

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092125\
 Data File : PL097293.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2025 11:01
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/22/2025
 Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 01:45:47 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...	3.527	2.820	65841128	98423480	14.544	14.968
28)	SA Decachlor...	9.005	7.984	51666092	91032580	15.789	15.994
Target Compounds							
2)	A alpha-BHC	3.974	3.326	48896796	69837771	6.998	7.014
3)	MA gamma-BHC...	4.301	3.658	47313881	67007431	7.155	7.194
6)	B beta-BHC	4.489	3.954	20635237	30811045	7.569	7.585
14)	MA Endrin	6.533	5.701	168.4E6	277.7E6	36.495	36.970
16)	A 4,4'-DDD	6.665	5.848	2513379	3430923	0.667m	0.532m
17)	MA 4,4'-DDT	6.981	6.101	313.4E6	535.2E6	74.144	77.336
18)	B Endrin al...	6.878	6.172	1128344	4910075	0.366m	0.920m#
20)	A Methoxychlor	7.454	6.673	378.0E6	628.2E6	181.254	166.663
21)	B Endrin ke...	7.587	6.898	2528997	8326093	0.596m	1.106 #

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

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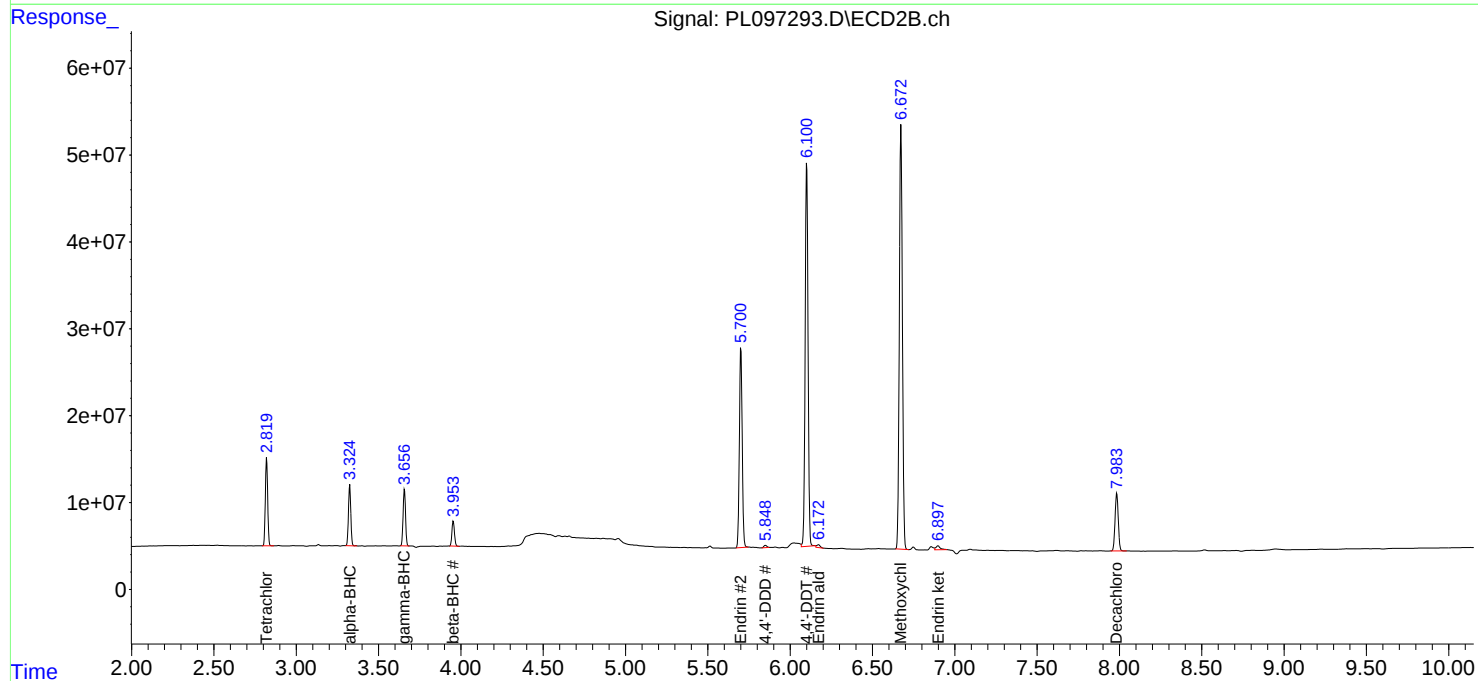
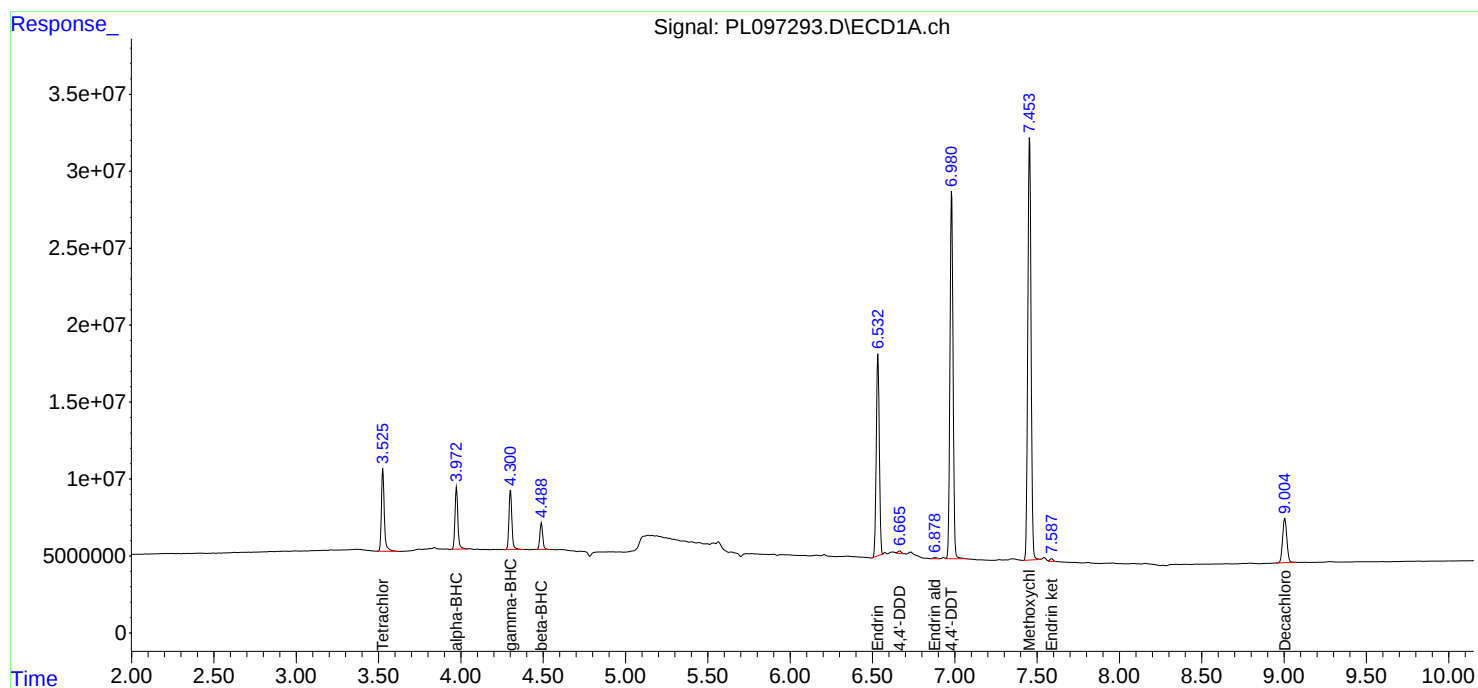
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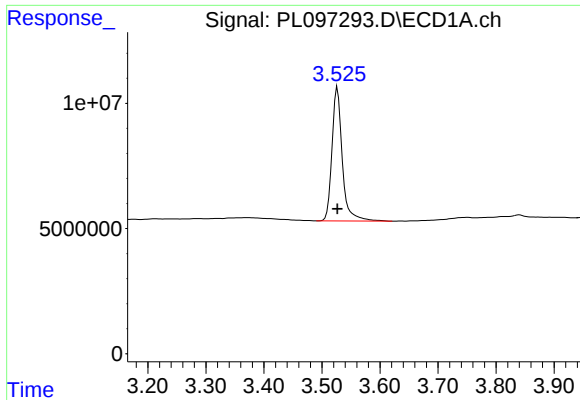
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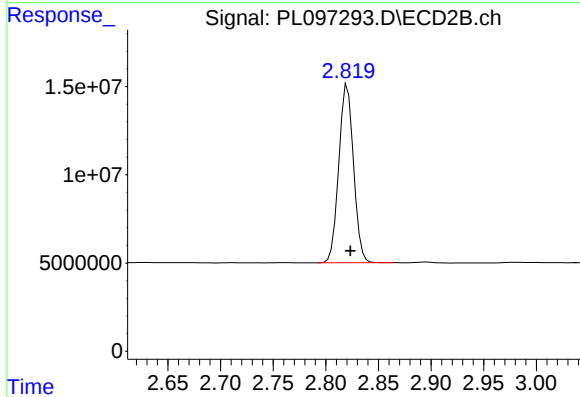
#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: 0.000 min
Response: 65841128
Conc: 14.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

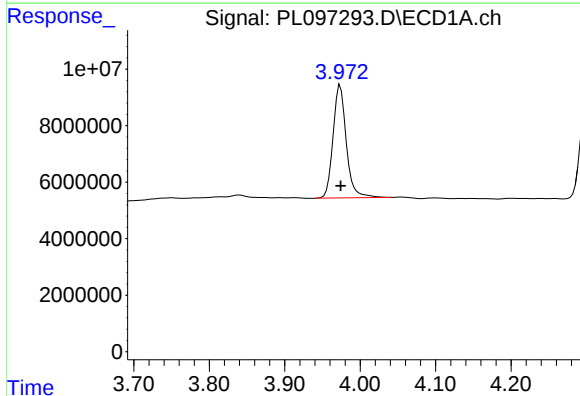
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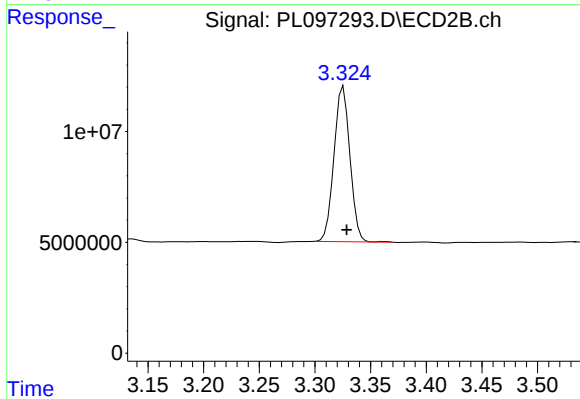
#1 Tetrachloro-m-xylene

R.T.: 2.820 min
Delta R.T.: -0.003 min
Response: 98423480
Conc: 14.97 ng/ml



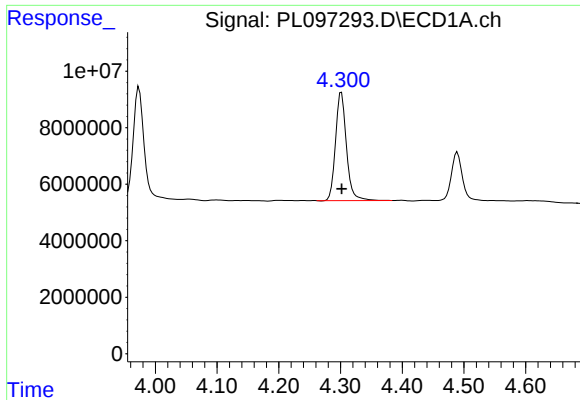
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 48896796
Conc: 7.00 ng/ml



#2 alpha-BHC

R.T.: 3.326 min
Delta R.T.: -0.003 min
Response: 69837771
Conc: 7.01 ng/ml



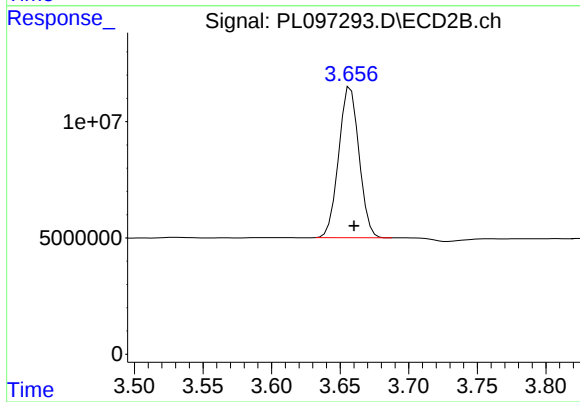
#3 gamma-BHC (Lindane)

R.T.: 4.301 min
Delta R.T.: 0.000 min
Response: 47313881
Conc: 7.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

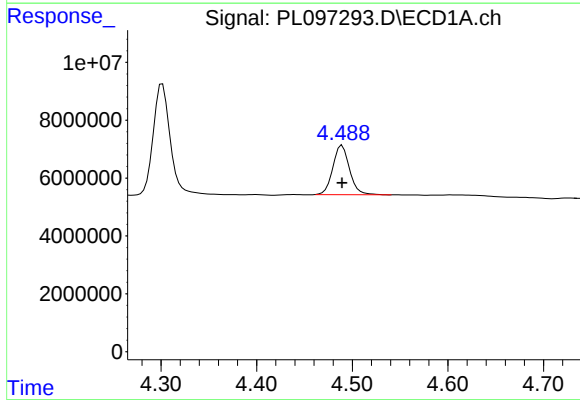
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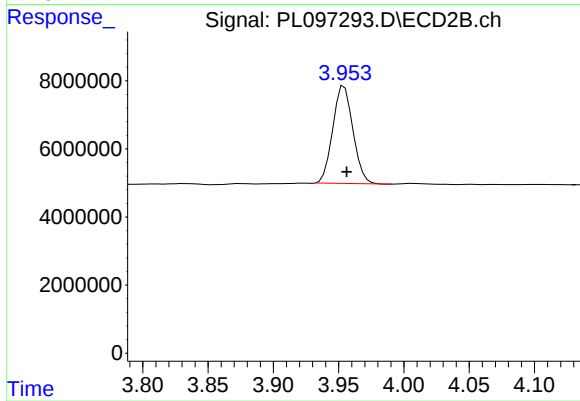
#3 gamma-BHC (Lindane)

R.T.: 3.658 min
Delta R.T.: -0.003 min
Response: 67007431
Conc: 7.19 ng/ml



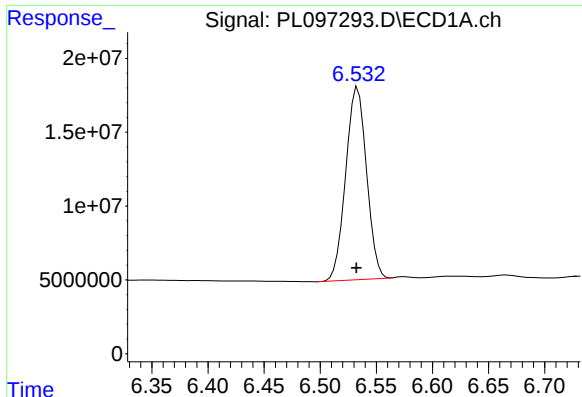
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 20635237
Conc: 7.57 ng/ml



#6 beta-BHC

R.T.: 3.954 min
Delta R.T.: -0.002 min
Response: 30811045
Conc: 7.59 ng/ml



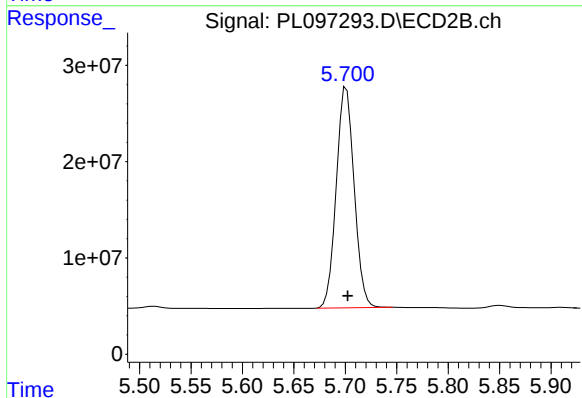
#14 Endrin

R.T.: 6.533 min
Delta R.T.: 0.001 min
Response: 168354220
Conc: 36.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

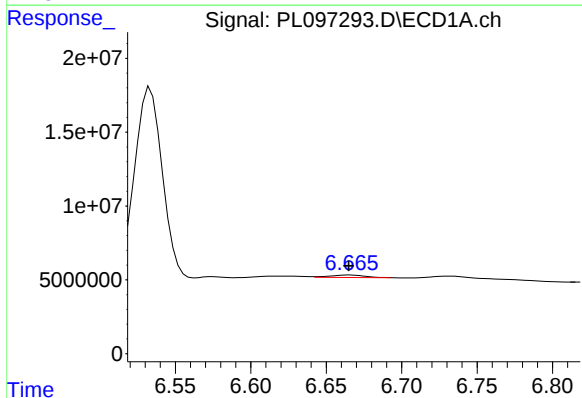
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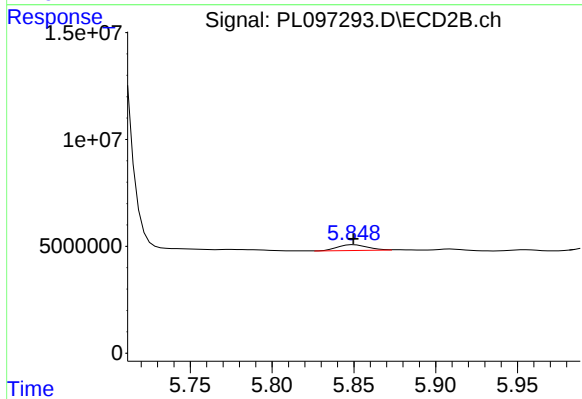
#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.001 min
Response: 277664673
Conc: 36.97 ng/ml



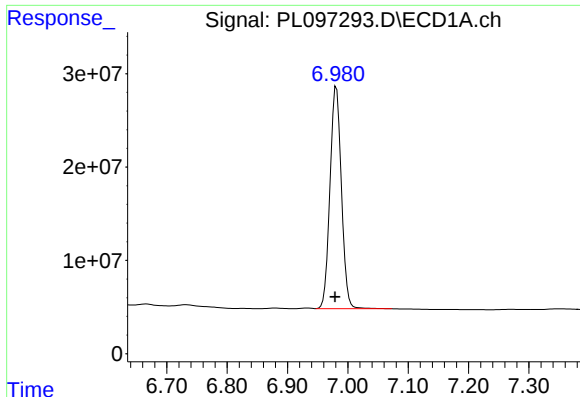
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 2513379
Conc: 0.67 ng/ml m



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.001 min
Response: 3430923
Conc: 0.53 ng/ml m



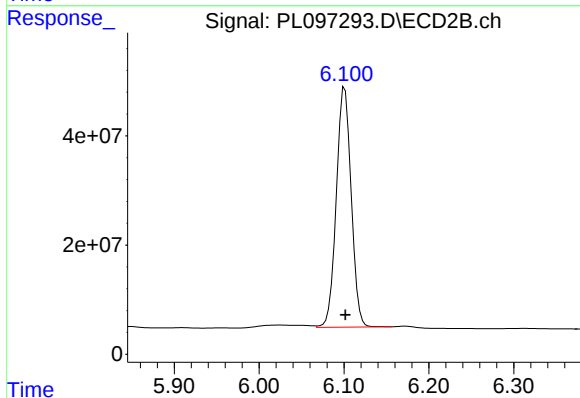
#17 4,4'-DDT

R.T.: 6.981 min
Delta R.T.: 0.002 min
Response: 313420737
Conc: 74.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

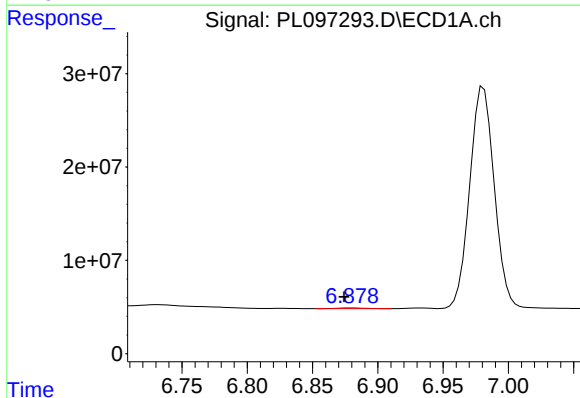
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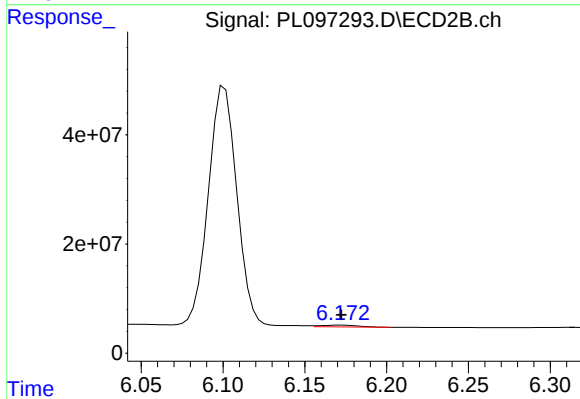
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 535200739
Conc: 77.34 ng/ml



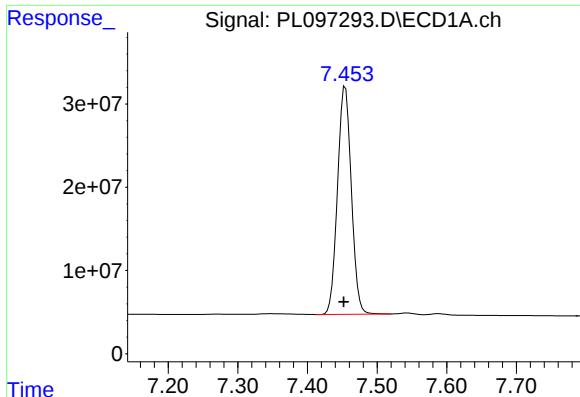
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: 0.004 min
Response: 1128344
Conc: 0.37 ng/ml m



#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 4910075
Conc: 0.92 ng/ml m



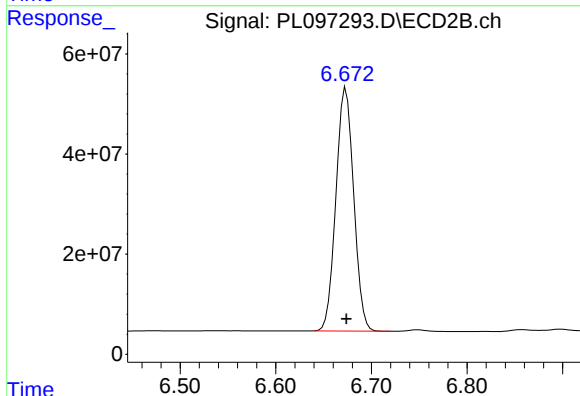
#20 Methoxychlor

R.T.: 7.454 min
Delta R.T.: 0.002 min
Response: 377982060
Conc: 181.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

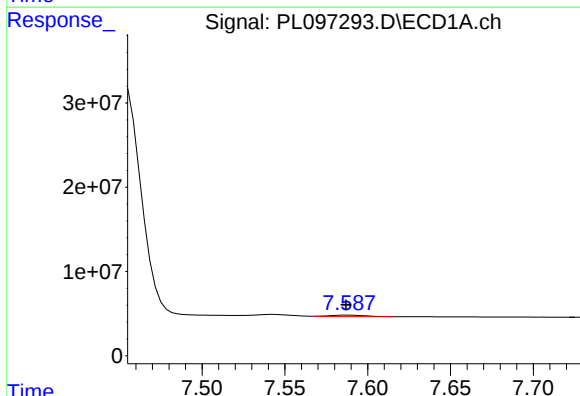
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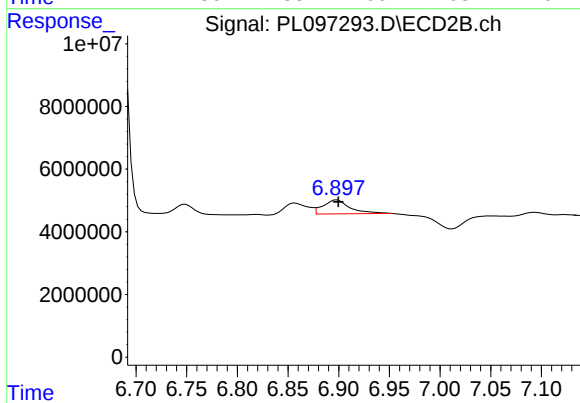
#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 628232075
Conc: 166.66 ng/ml



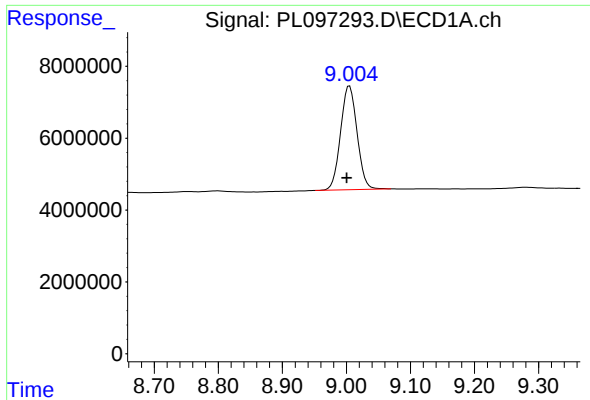
#21 Endrin ketone

R.T.: 7.587 min
Delta R.T.: 0.000 min
Response: 2528997
Conc: 0.60 ng/ml m



#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.001 min
Response: 8326093
Conc: 1.11 ng/ml



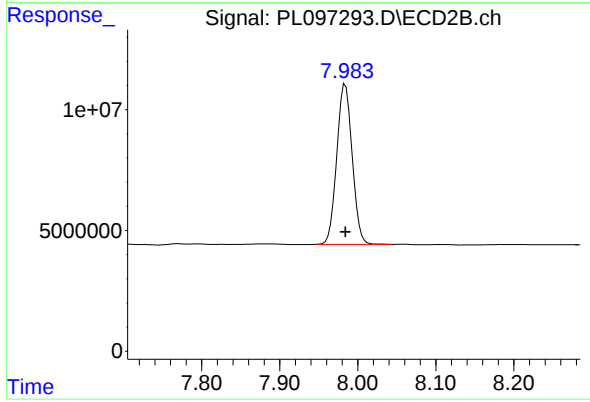
#28 Decachlorobiphenyl

R.T.: 9.005 min
Delta R.T.: 0.004 min
Response: 51666092
Conc: 15.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: 0.000 min
Response: 91032580
Conc: 15.99 ng/ml