

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122022\
 Data File : PL079792.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2022 15:01
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/21/2022
 Supervised By : Ankita Jodhani 12/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 03:50:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122022.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 21 03:48:41 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.315	2.562	45483131	55499271	20.696	20.907
28)	SA Decachlor...	8.762	7.627	40485567	51735625	21.828	21.552
Target Compounds							
2)	A alpha-BHC	3.776	3.048	31701888	46503883	9.404	10.760
3)	MA gamma-BHC...	4.109	3.367	31275723	39363479	9.789	10.051m
6)	B beta-BHC	4.324	3.670	14892948	19322692	10.871	12.742
14)	MA Endrin	6.342	5.358	118.3E6	139.9E6	49.753	49.219
16)	A 4,4'-DDD	6.492	5.518	1555413	1968986	0.793	0.773m
17)	MA 4,4'-DDT	6.800	5.765	237.2E6	286.4E6	105.932	105.699
18)	B Endrin al...	6.704	5.835	2217449	6293460	1.246	2.805 #
20)	A Methoxychlor	7.285	6.342	311.9E6	346.6E6	264.643	244.451
21)	B Endrin ke...	7.422	6.551	4682789	8318032	1.918	2.605 #

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

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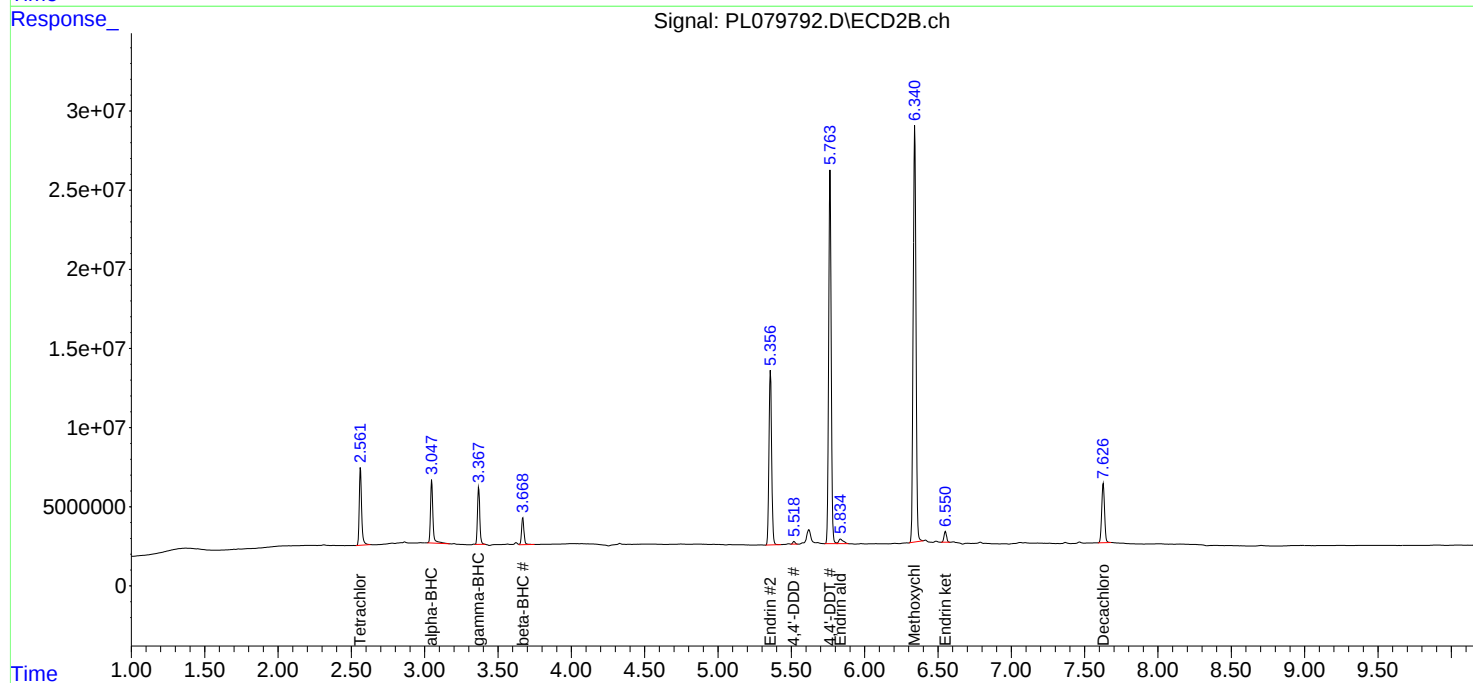
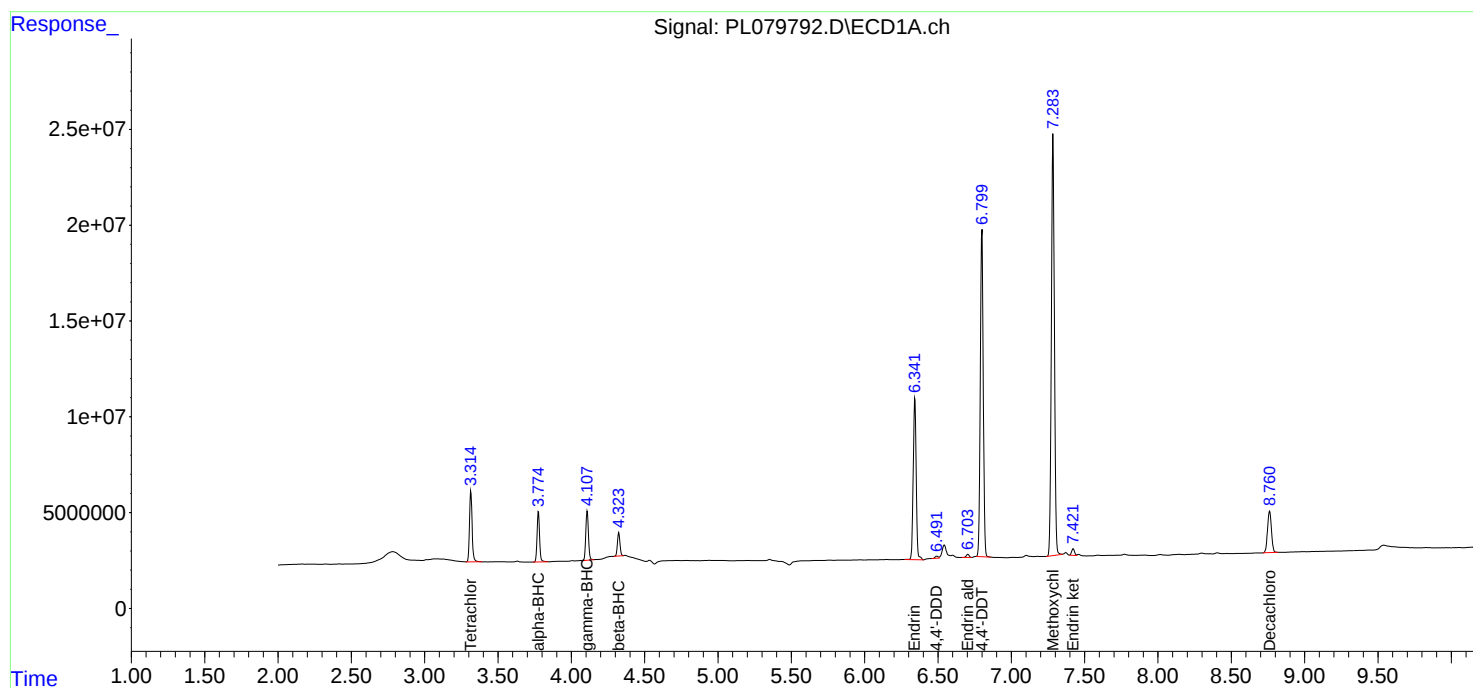
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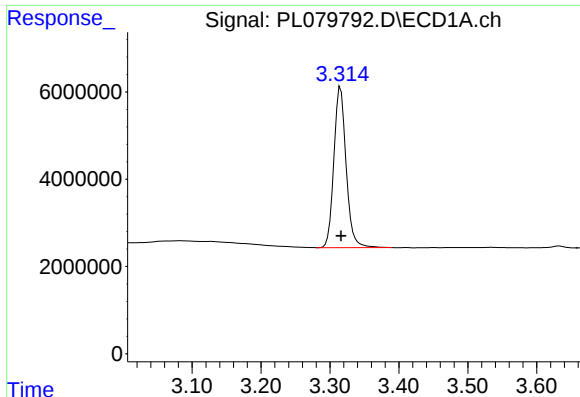
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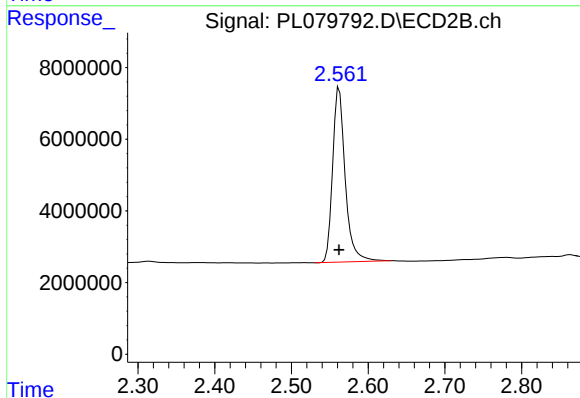
#1 Tetrachloro-m-xylene

R.T.: 3.315 min
Delta R.T.: 0.000 min
Response: 45483131
Conc: 20.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

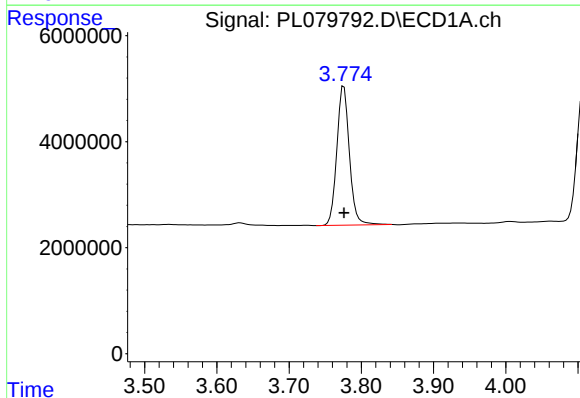
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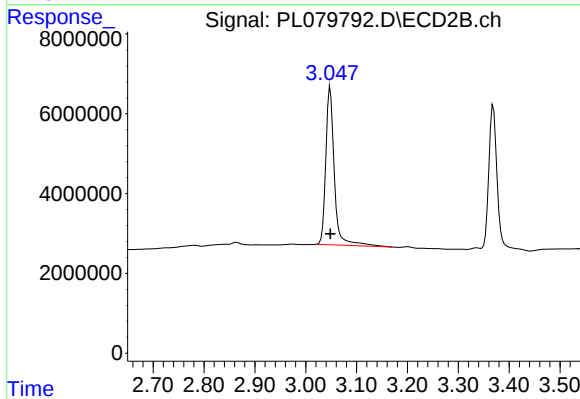
#1 Tetrachloro-m-xylene

R.T.: 2.562 min
Delta R.T.: 0.000 min
Response: 55499271
Conc: 20.91 ng/ml



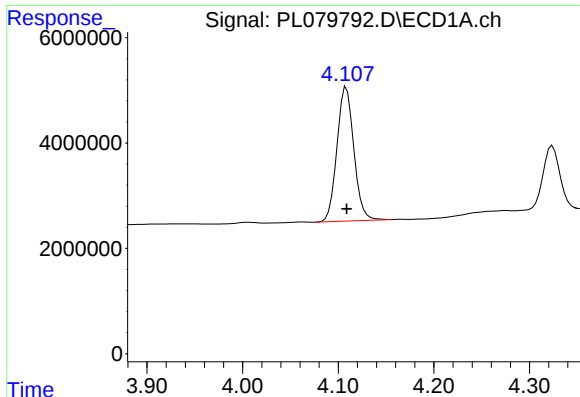
#2 alpha-BHC

R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 31701888
Conc: 9.40 ng/ml



#2 alpha-BHC

R.T.: 3.048 min
Delta R.T.: 0.000 min
Response: 46503883
Conc: 10.76 ng/ml



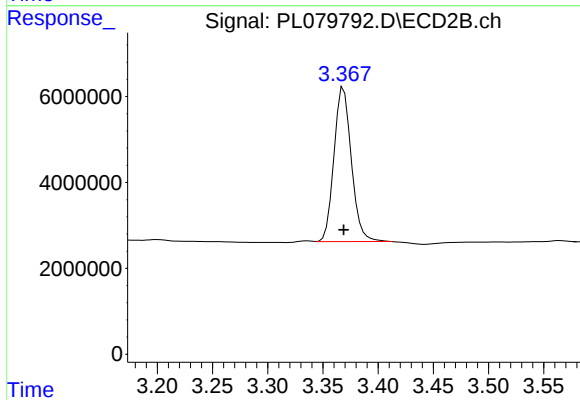
#3 gamma-BHC (Lindane)

R.T.: 4.109 min
Delta R.T.: 0.000 min
Response: 31275723
Conc: 9.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

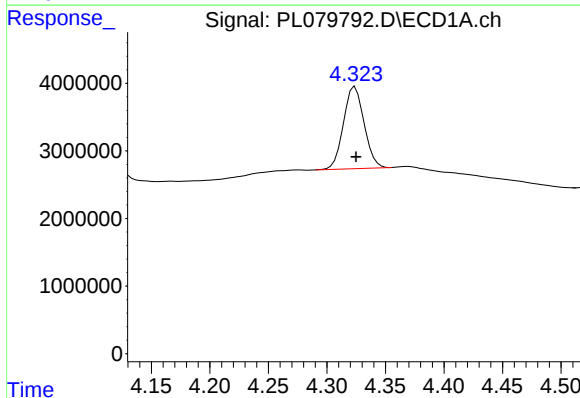
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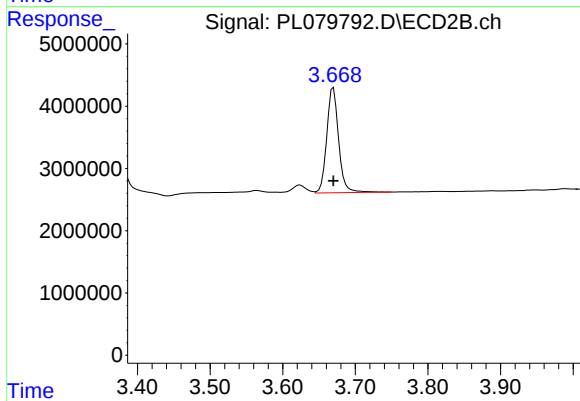
#3 gamma-BHC (Lindane)

R.T.: 3.367 min
Delta R.T.: -0.002 min
Response: 39363479
Conc: 10.05 ng/ml m



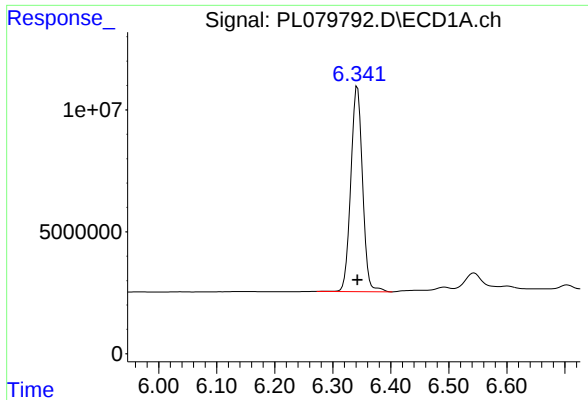
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 14892948
Conc: 10.87 ng/ml



#6 beta-BHC

R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 19322692
Conc: 12.74 ng/ml



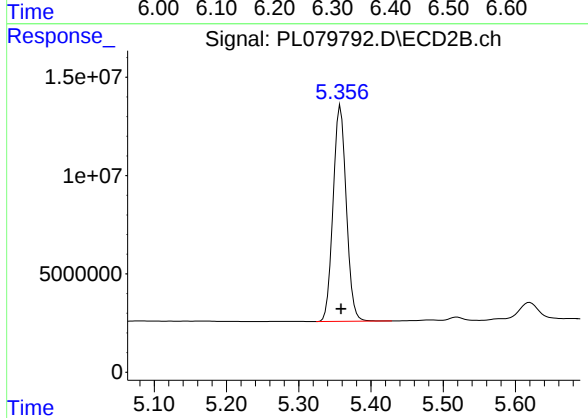
#14 Endrin

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 118258881
Conc: 49.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

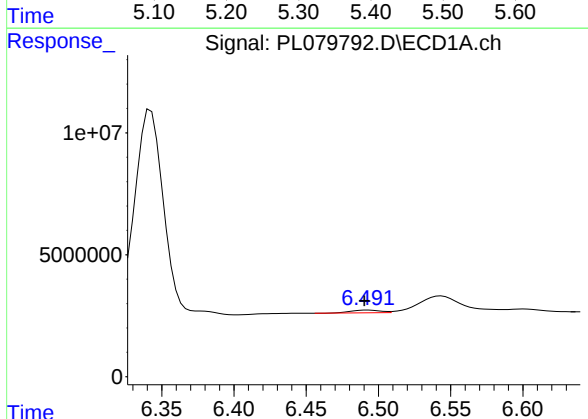
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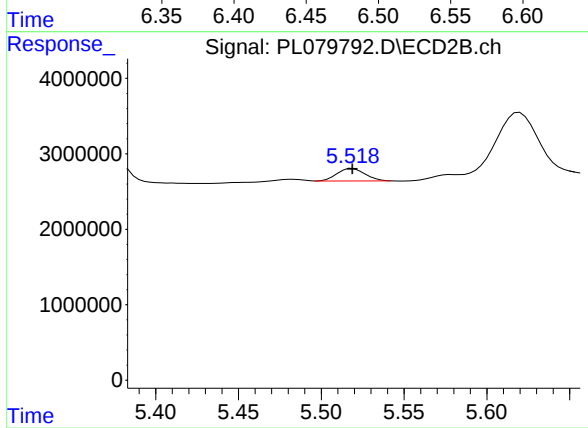
#14 Endrin

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 139889627
Conc: 49.22 ng/ml



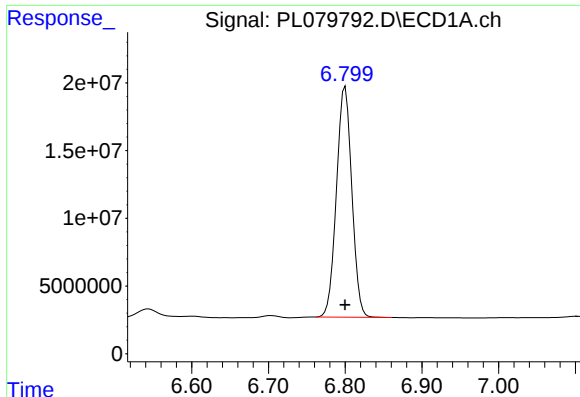
#16 4,4'-DDD

R.T.: 6.492 min
Delta R.T.: 0.002 min
Response: 1555413
Conc: 0.79 ng/ml



#16 4,4'-DDD

R.T.: 5.518 min
Delta R.T.: -0.001 min
Response: 1968986
Conc: 0.77 ng/ml m



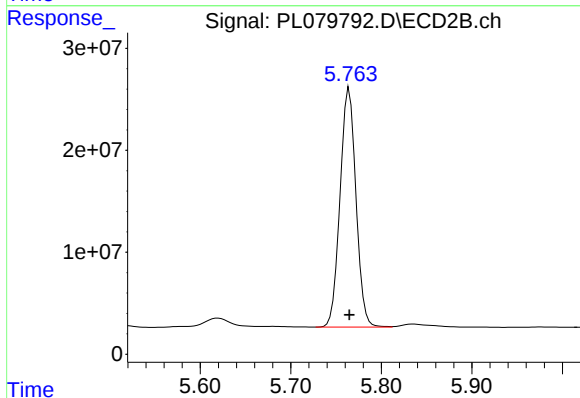
#17 4,4'-DDT

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 237155590
Conc: 105.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

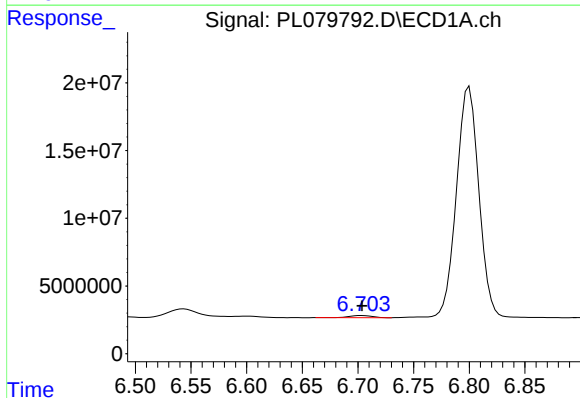
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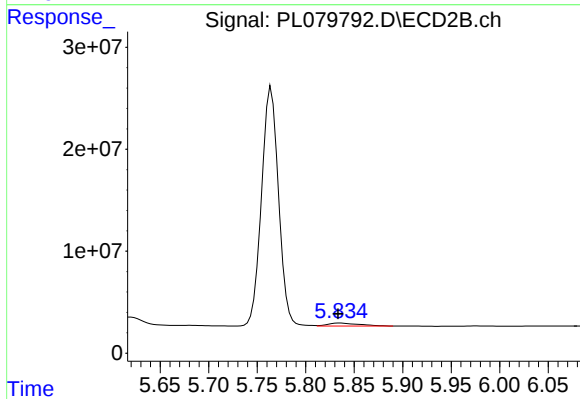
#17 4,4'-DDT

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 286351897
Conc: 105.70 ng/ml



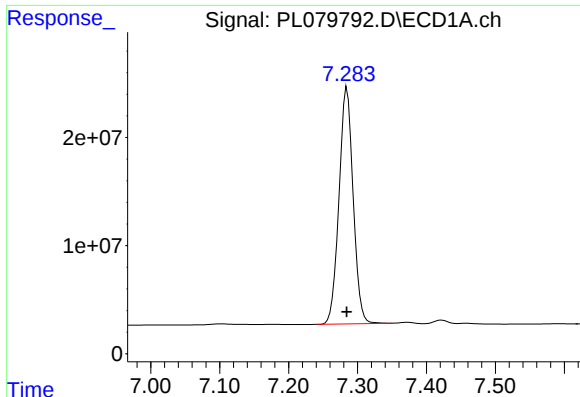
#18 Endrin aldehyde

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 2217449
Conc: 1.25 ng/ml



#18 Endrin aldehyde

R.T.: 5.835 min
Delta R.T.: 0.002 min
Response: 6293460
Conc: 2.81 ng/ml



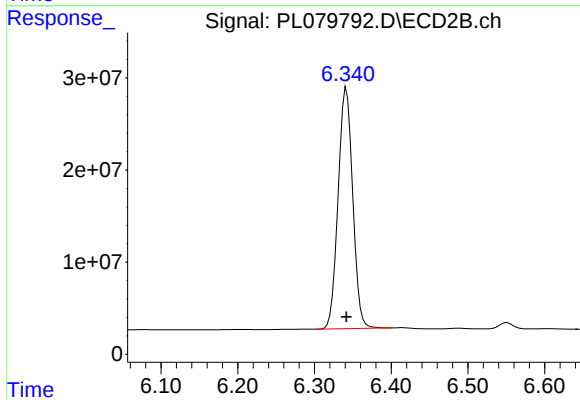
#20 Methoxychlor

R.T.: 7.285 min
Delta R.T.: 0.000 min
Response: 311940016
Conc: 264.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

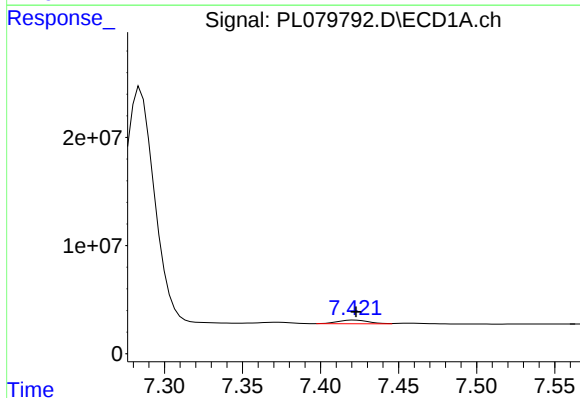
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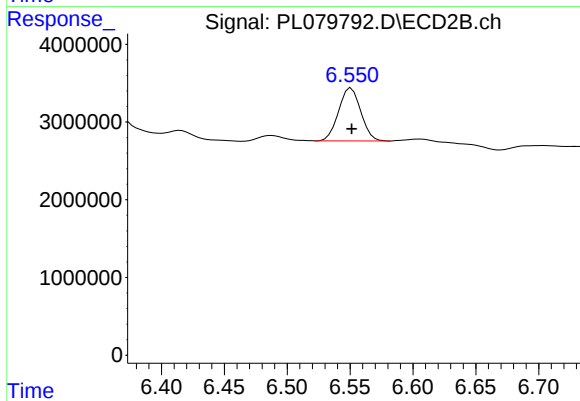
#20 Methoxychlor

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 346646495
Conc: 244.45 ng/ml



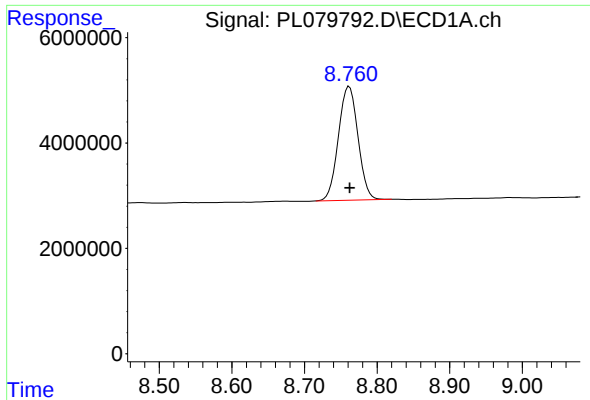
#21 Endrin ketone

R.T.: 7.422 min
Delta R.T.: 0.000 min
Response: 4682789
Conc: 1.92 ng/ml



#21 Endrin ketone

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 8318032
Conc: 2.60 ng/ml



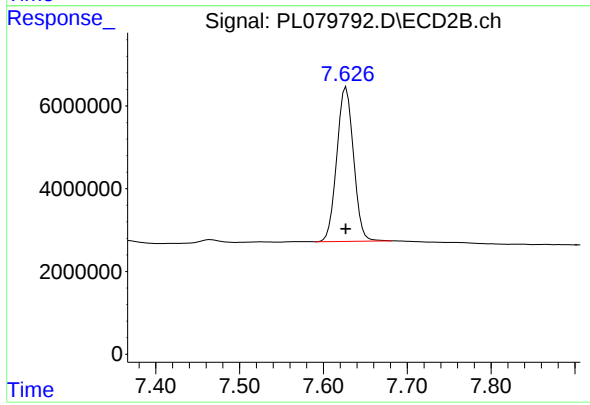
#28 Decachlorobiphenyl

R.T.: 8.762 min
Delta R.T.: 0.000 min
Response: 40485567
Conc: 21.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 51735625
Conc: 21.55 ng/ml