

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102422\
 Data File : PL078499.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2022 20:32
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/25/2022
 Supervised By : Ankita Jodhani 10/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 22:45:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 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...	3.323	2.572	34066855	48973748	17.864	19.181
28)	SA Decachlor...	8.773	7.641	28171958	37711597	18.727	19.910
Target Compounds							
2)	A alpha-BHC	3.783	3.059	23355233	36937046	8.134	9.353
3)	MA gamma-BHC...	4.116	3.380	22736709	33889626	8.510	9.429
6)	B beta-BHC	4.330	3.679	10752063	16024760	9.334	11.168
12)	B 4,4'-DDE	5.975	4.982	635699	530287	0.318	0.195m#
14)	MA Endrin	6.350	5.370	76617363	110.9E6	40.371	42.567
16)	A 4,4'-DDD	6.498	5.531	4648237	6867182	2.788	3.127
17)	MA 4,4'-DDT	6.807	5.777	159.2E6	207.9E6	88.828	95.852
18)	B Endrin al...	6.711	5.845	2727869	4981459	1.875	2.654m#
20)	A Methoxychlor	7.291	6.354	207.6E6	250.2E6	225.413	220.467
21)	B Endrin ke...	7.430	6.564	5894670	11032308	3.133	4.268 #

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

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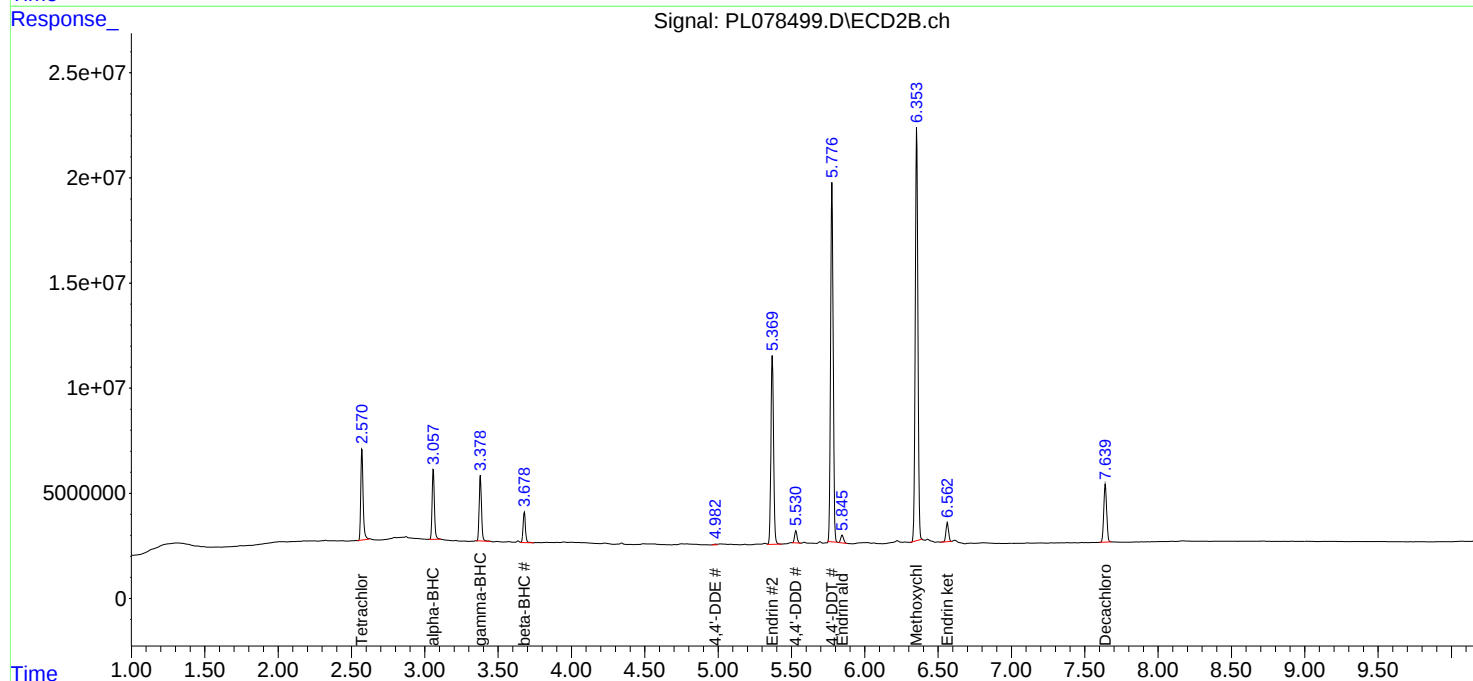
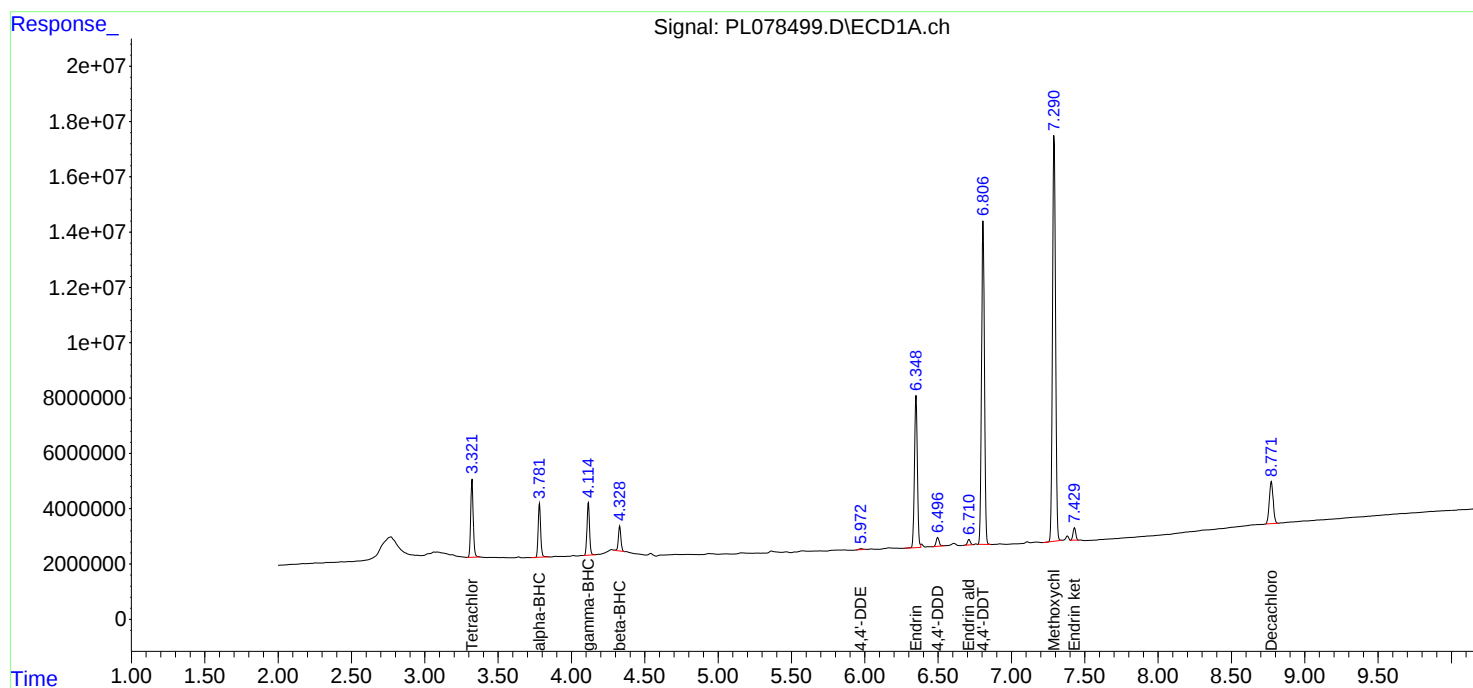
Instrument :
ECD_L
ClientSampleId :
PEM

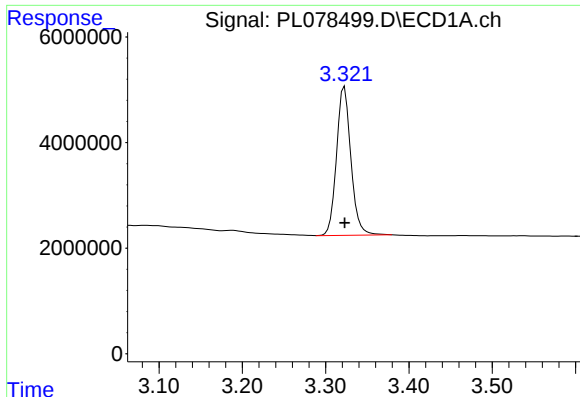
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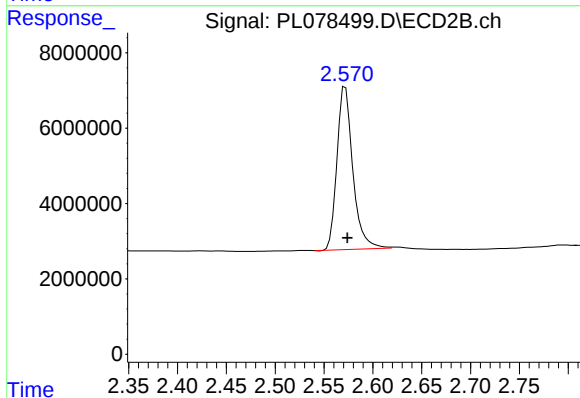
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 34066855
Conc: 17.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

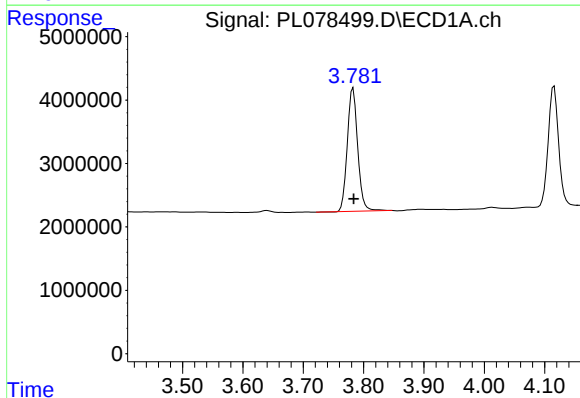
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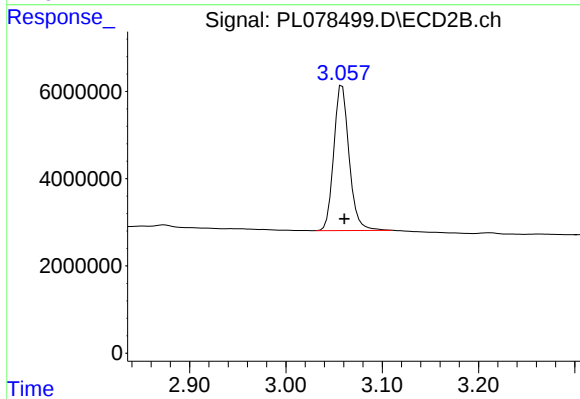
#1 Tetrachloro-m-xylene

R.T.: 2.572 min
Delta R.T.: -0.002 min
Response: 48973748
Conc: 19.18 ng/ml



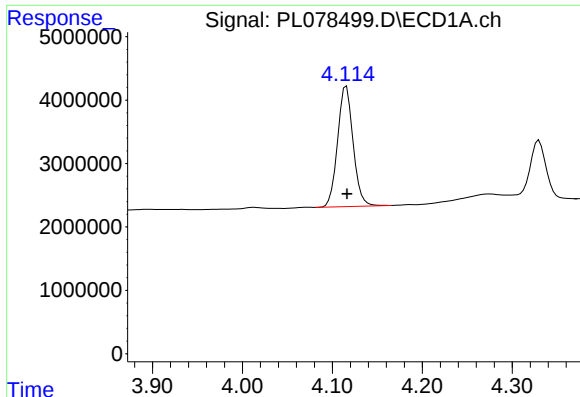
#2 alpha-BHC

R.T.: 3.783 min
Delta R.T.: -0.001 min
Response: 23355233
Conc: 8.13 ng/ml



#2 alpha-BHC

R.T.: 3.059 min
Delta R.T.: -0.002 min
Response: 36937046
Conc: 9.35 ng/ml



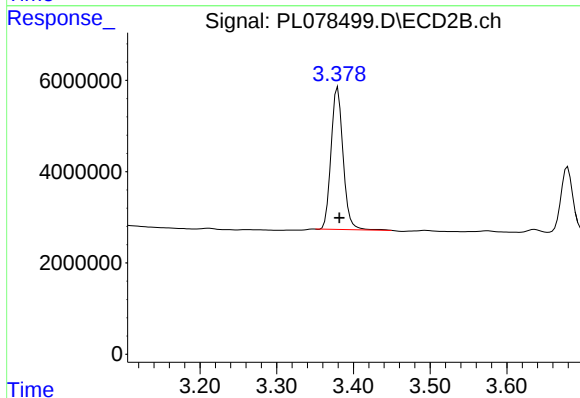
#3 gamma-BHC (Lindane)

R.T.: 4.116 min
Delta R.T.: 0.000 min
Response: 22736709
Conc: 8.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

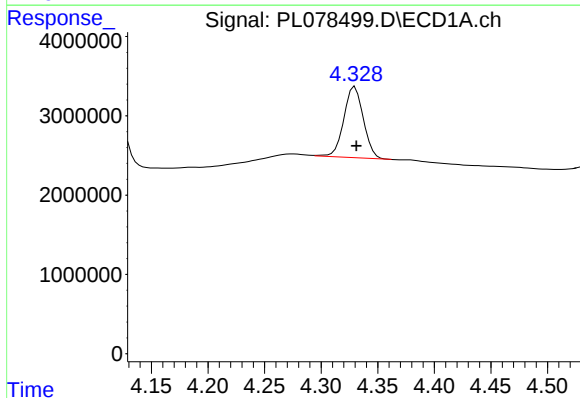
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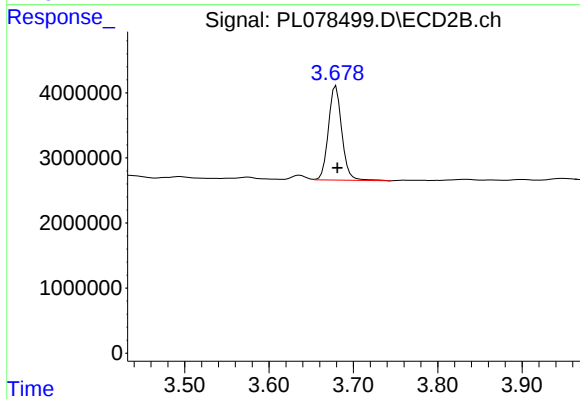
#3 gamma-BHC (Lindane)

R.T.: 3.380 min
Delta R.T.: -0.002 min
Response: 33889626
Conc: 9.43 ng/ml



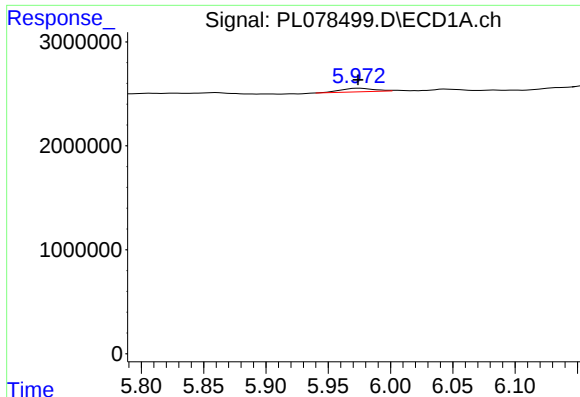
#6 beta-BHC

R.T.: 4.330 min
Delta R.T.: -0.001 min
Response: 10752063
Conc: 9.33 ng/ml



#6 beta-BHC

R.T.: 3.679 min
Delta R.T.: -0.002 min
Response: 16024760
Conc: 11.17 ng/ml



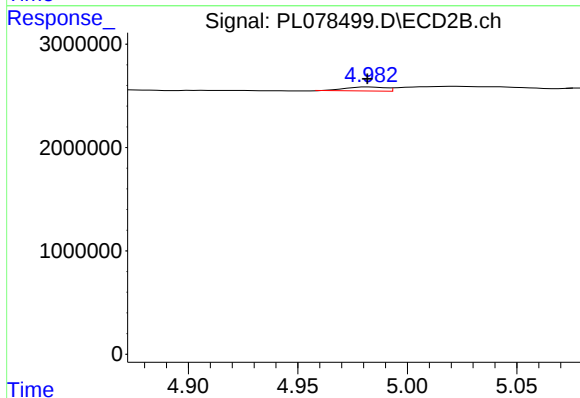
#12 4,4'-DDE

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 635699
Conc: 0.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

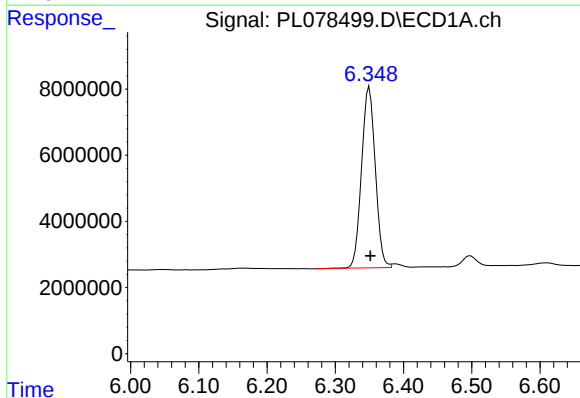
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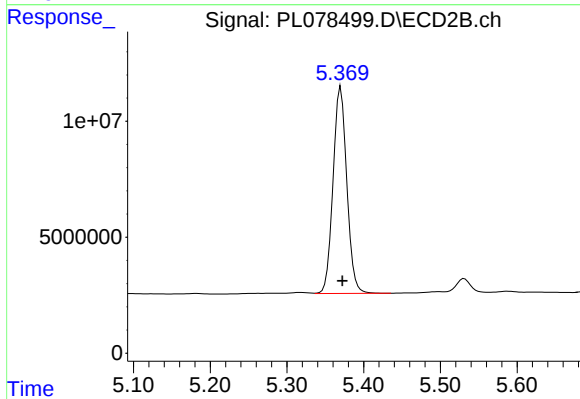
#12 4,4'-DDE

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 530287
Conc: 0.19 ng/ml m



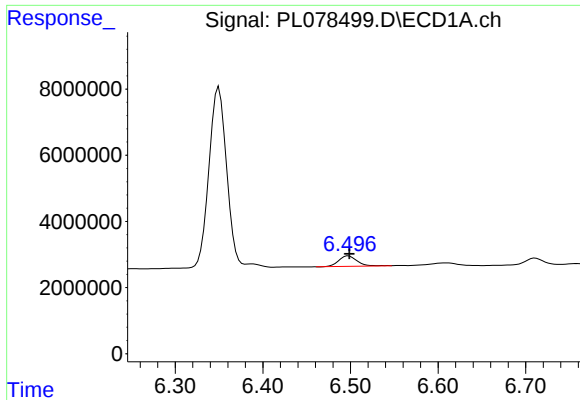
#14 Endrin

R.T.: 6.350 min
Delta R.T.: -0.002 min
Response: 76617363
Conc: 40.37 ng/ml



#14 Endrin

R.T.: 5.370 min
Delta R.T.: -0.002 min
Response: 110897630
Conc: 42.57 ng/ml



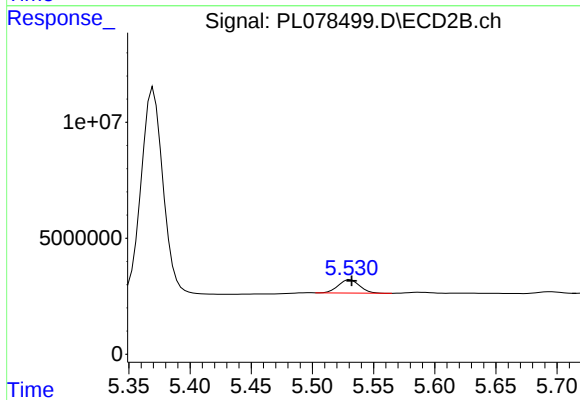
#16 4,4'-DDD

R.T.: 6.498 min
Delta R.T.: -0.001 min
Response: 4648237
Conc: 2.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

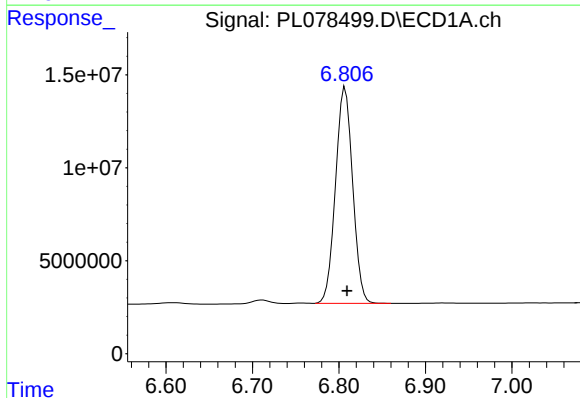
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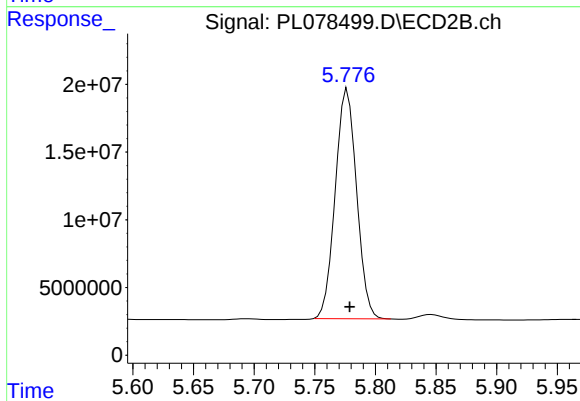
#16 4,4'-DDD

R.T.: 5.531 min
Delta R.T.: -0.001 min
Response: 6867182
Conc: 3.13 ng/ml



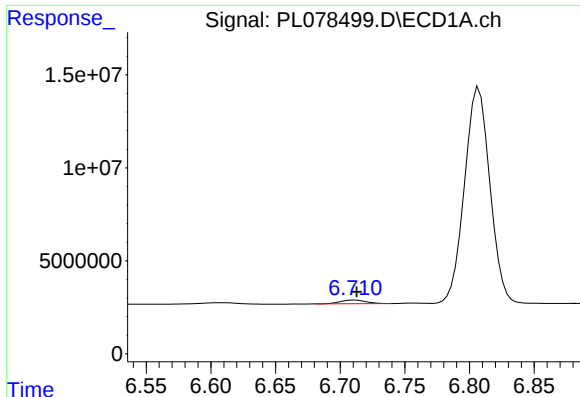
#17 4,4'-DDT

R.T.: 6.807 min
Delta R.T.: -0.002 min
Response: 159208362
Conc: 88.83 ng/ml



#17 4,4'-DDT

R.T.: 5.777 min
Delta R.T.: -0.002 min
Response: 207915653
Conc: 95.85 ng/ml



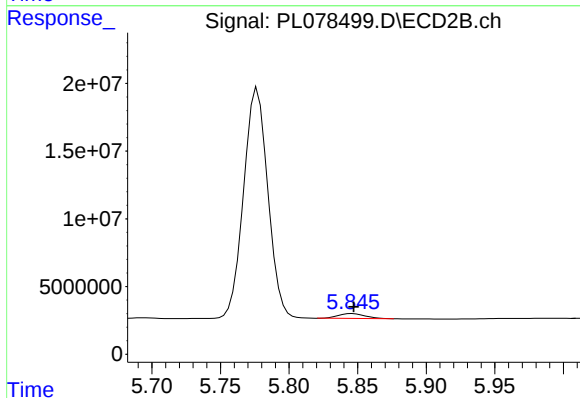
#18 Endrin aldehyde

R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 2727869
Conc: 1.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

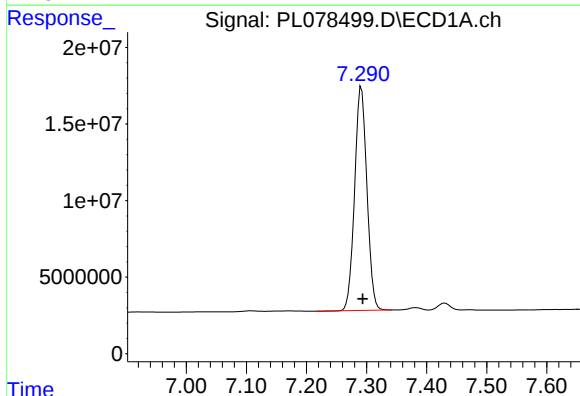
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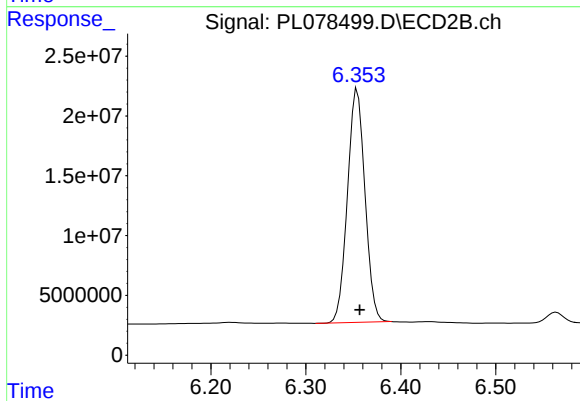
#18 Endrin aldehyde

R.T.: 5.845 min
Delta R.T.: -0.002 min
Response: 4981459
Conc: 2.65 ng/ml m



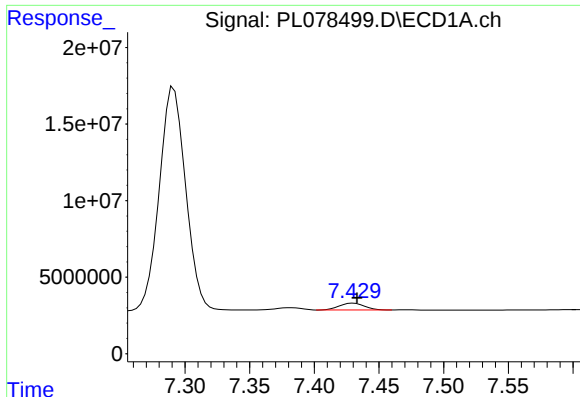
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 207580372
Conc: 225.41 ng/ml



#20 Methoxychlor

R.T.: 6.354 min
Delta R.T.: -0.002 min
Response: 250185405
Conc: 220.47 ng/ml



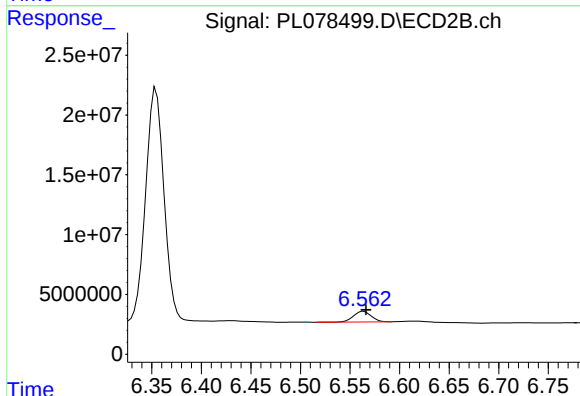
#21 Endrin ketone

R.T.: 7.430 min
Delta R.T.: -0.003 min
Response: 5894670
Conc: 3.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

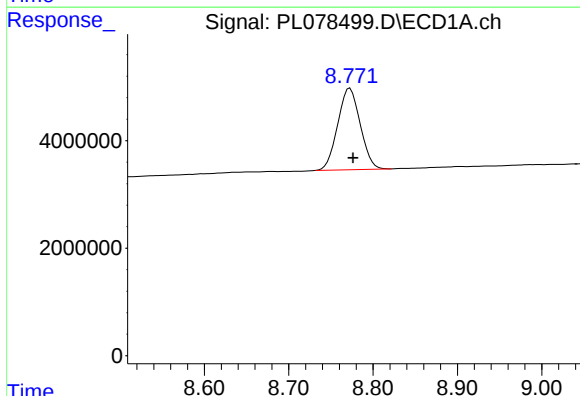
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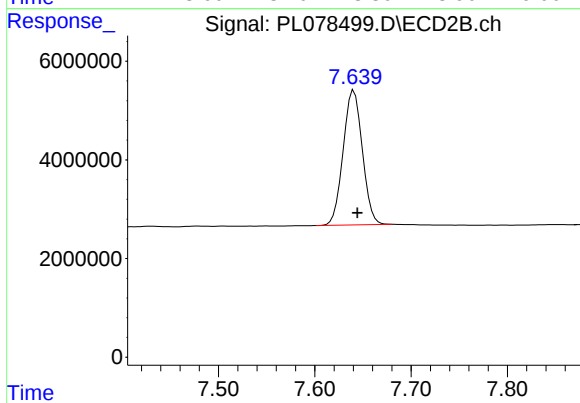
#21 Endrin ketone

R.T.: 6.564 min
Delta R.T.: -0.003 min
Response: 11032308
Conc: 4.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.773 min
Delta R.T.: -0.004 min
Response: 28171958
Conc: 18.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.641 min
Delta R.T.: -0.004 min
Response: 37711597
Conc: 19.91 ng/ml