

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102122\
 Data File : PL078432.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2022 21:44
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/21/2022
 Supervised By : Ankita Jodhani 10/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 07:39:52 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	35827213	50011717	18.787	19.588
28)	SA Decachlor...	8.776	7.644	28380217	37271488	18.865	19.678
Target Compounds							
2)	A alpha-BHC	3.783	3.059	24265386	37425494	8.451	9.477
3)	MA gamma-BHC...	4.116	3.381	23662553	33458553	8.857	9.309
6)	B beta-BHC	4.330	3.680	10749981	16057574	9.332	11.191
14)	MA Endrin	6.352	5.372	82853678	119.5E6	43.657	45.878
16)	A 4,4'-DDD	6.500	5.534	799001	1642976	0.479	0.748 #
17)	MA 4,4'-DDT	6.810	5.779	172.2E6	215.7E6	96.091	99.455
18)	B Endrin al...	6.713	5.848	1814449	3696810	1.247	1.970m#
20)	A Methoxychlor	7.294	6.357	221.8E6	262.0E6	240.897	230.897
21)	B Endrin ke...	7.432	6.566	3082333	7122926	1.638	2.756 #

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

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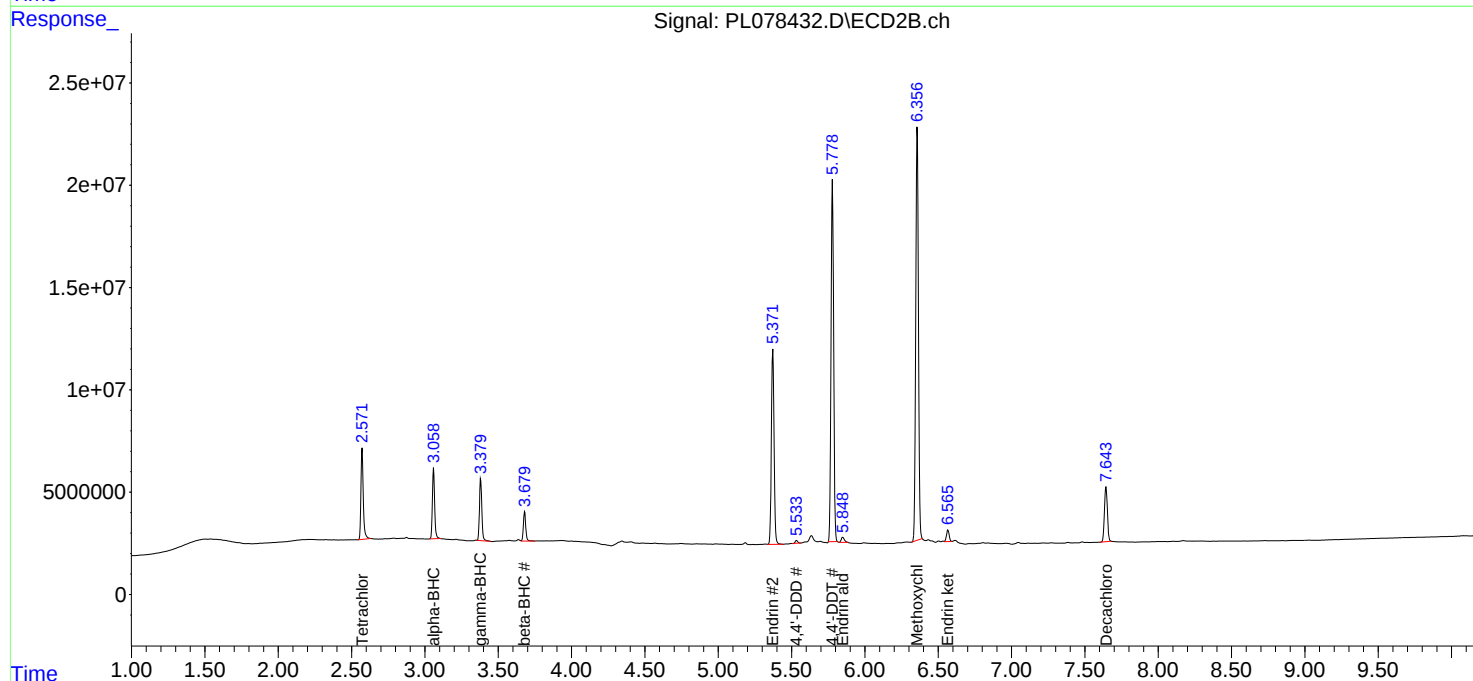
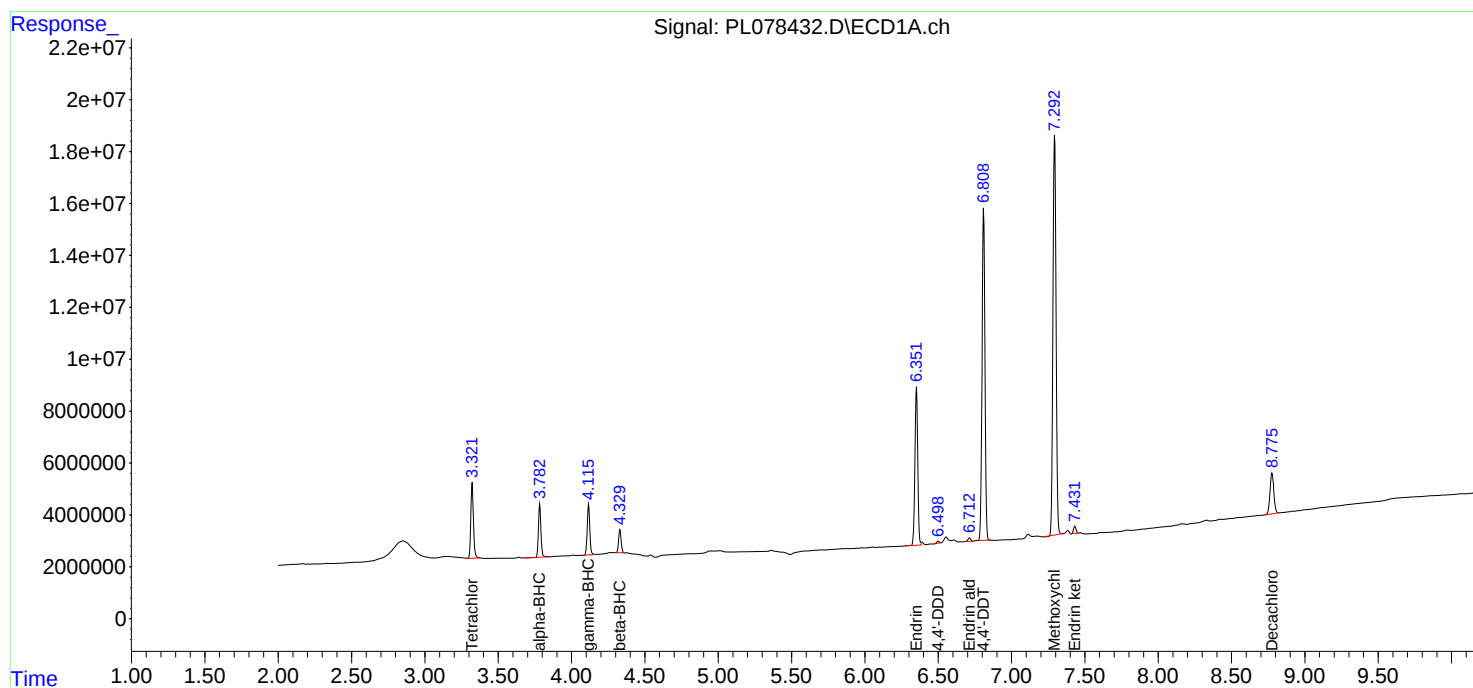
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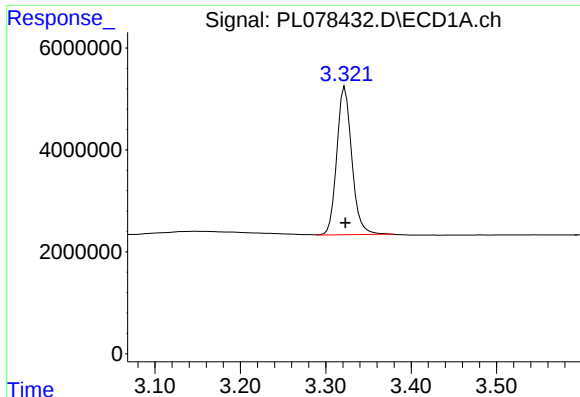
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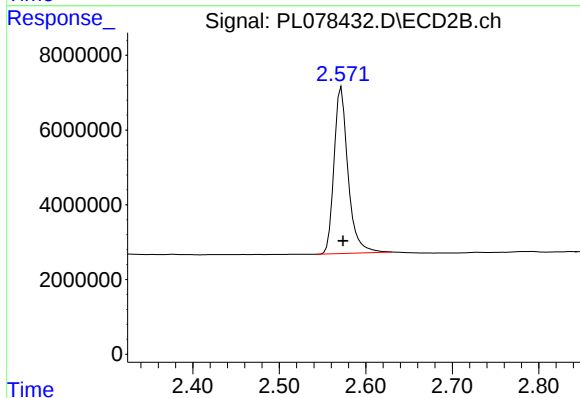
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 35827213
Conc: 18.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

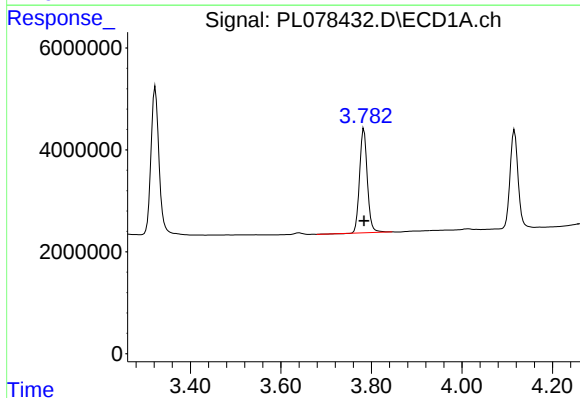
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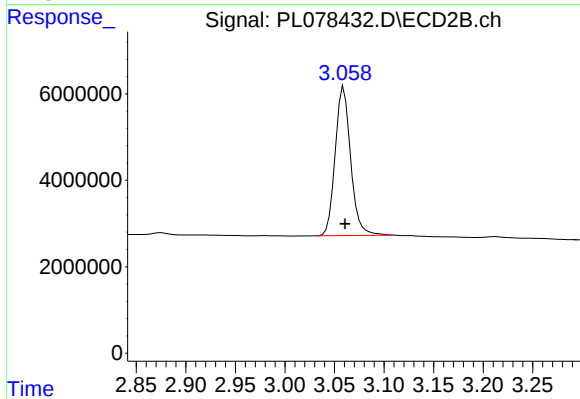
#1 Tetrachloro-m-xylene

R.T.: 2.572 min
Delta R.T.: -0.002 min
Response: 50011717
Conc: 19.59 ng/ml



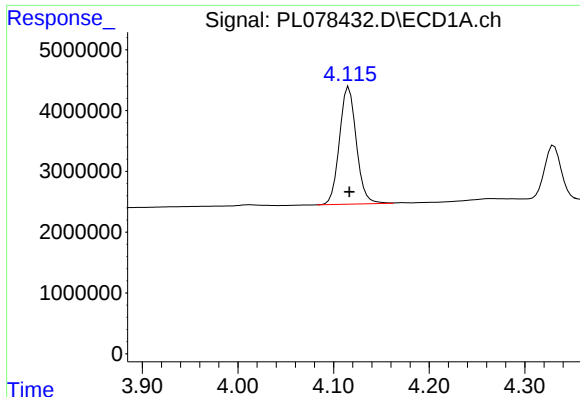
#2 alpha-BHC

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 24265386
Conc: 8.45 ng/ml



#2 alpha-BHC

R.T.: 3.059 min
Delta R.T.: -0.001 min
Response: 37425494
Conc: 9.48 ng/ml



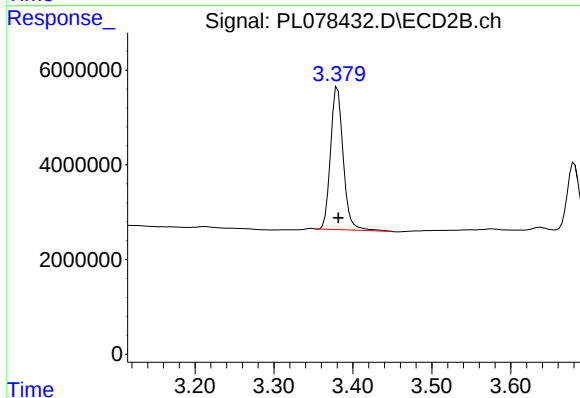
#3 gamma-BHC (Lindane)

R.T.: 4.116 min
Delta R.T.: 0.000 min
Response: 23662553
Conc: 8.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

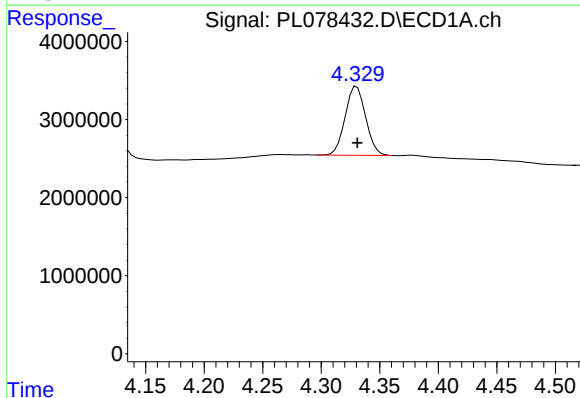
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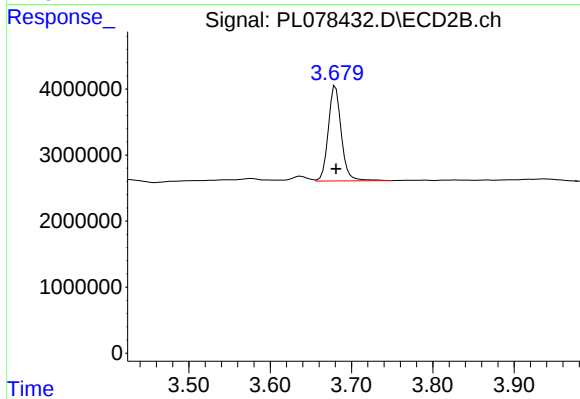
#3 gamma-BHC (Lindane)

R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 33458553
Conc: 9.31 ng/ml



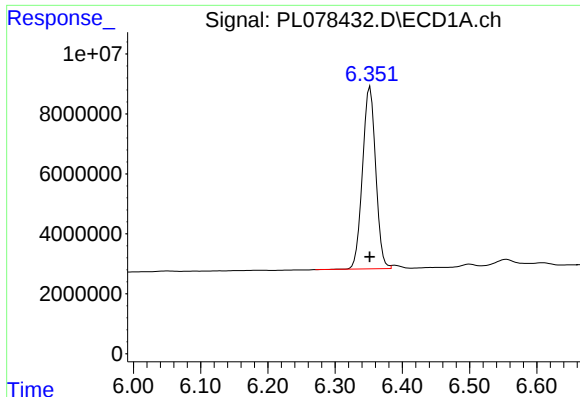
#6 beta-BHC

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 10749981
Conc: 9.33 ng/ml



#6 beta-BHC

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 16057574
Conc: 11.19 ng/ml



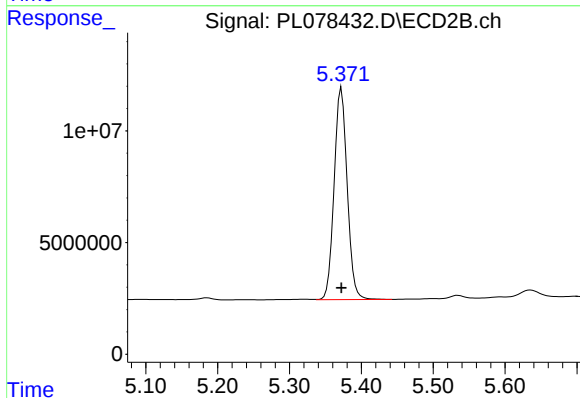
#14 Endrin

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 82853678
Conc: 43.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

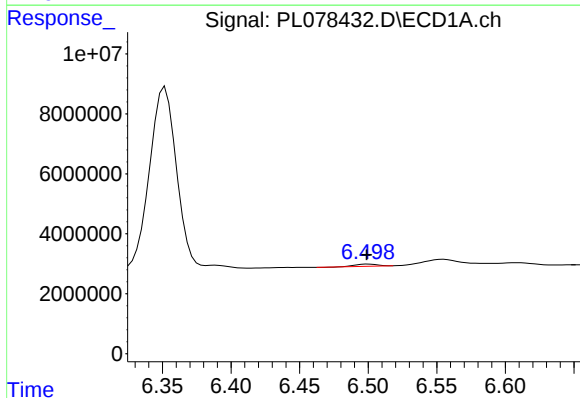
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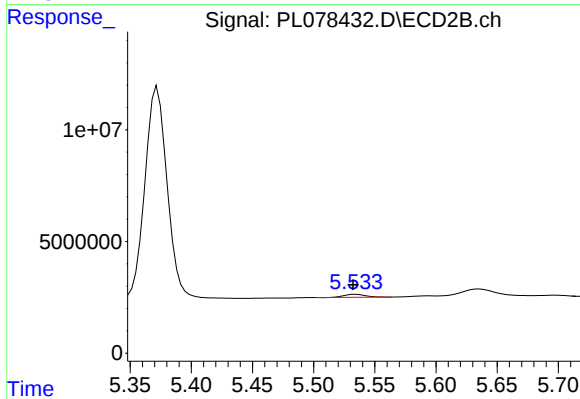
#14 Endrin

R.T.: 5.372 min
Delta R.T.: 0.000 min
Response: 119522774
Conc: 45.88 ng/ml



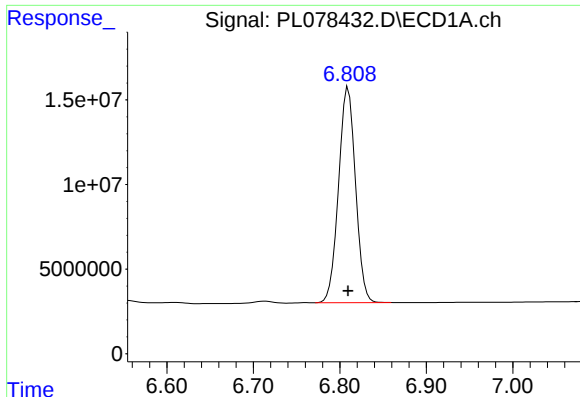
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: 0.001 min
Response: 799001
Conc: 0.48 ng/ml



#16 4,4'-DDD

R.T.: 5.534 min
Delta R.T.: 0.002 min
Response: 1642976
Conc: 0.75 ng/ml



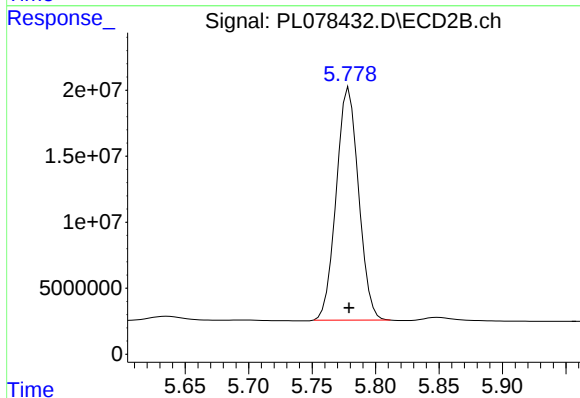
#17 4,4'-DDT

R.T.: 6.810 min
Delta R.T.: 0.000 min
Response: 172225691
Conc: 96.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

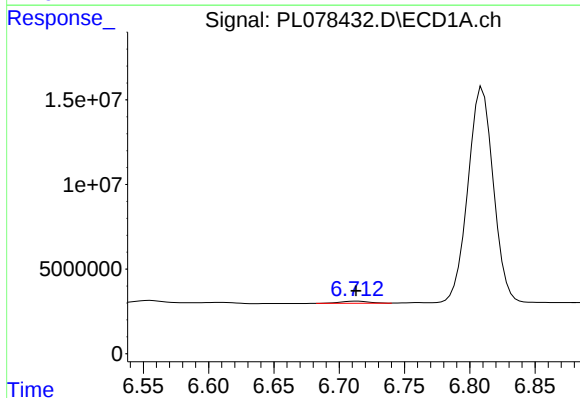
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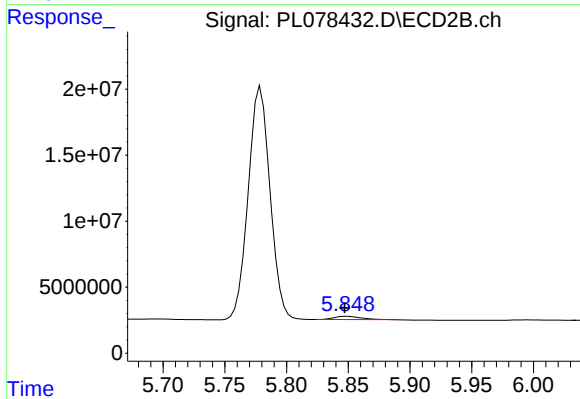
#17 4,4'-DDT

R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 215731265
Conc: 99.46 ng/ml



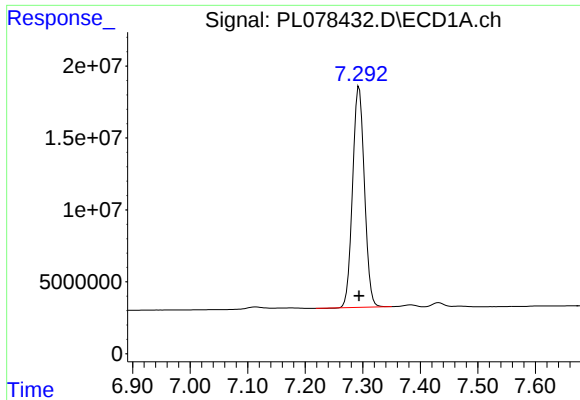
#18 Endrin aldehyde

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 1814449
Conc: 1.25 ng/ml



#18 Endrin aldehyde

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 3696810
Conc: 1.97 ng/ml m



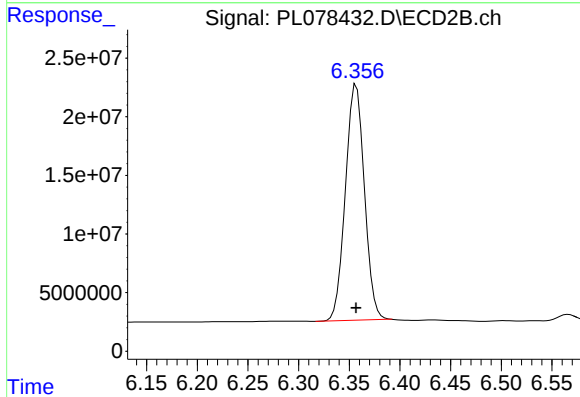
#20 Methoxychlor

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 221839110
Conc: 240.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

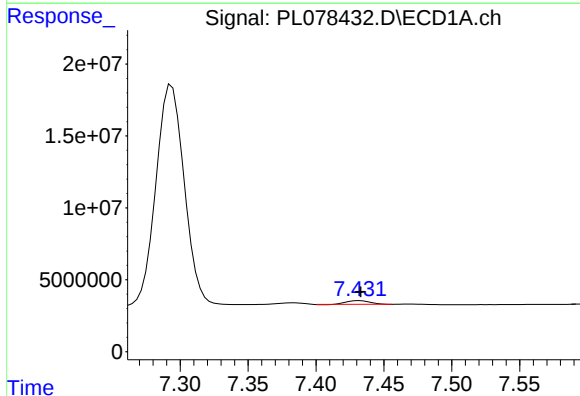
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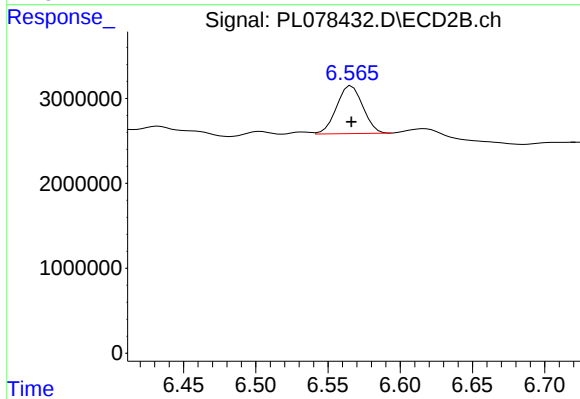
#20 Methoxychlor

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 262021838
Conc: 230.90 ng/ml



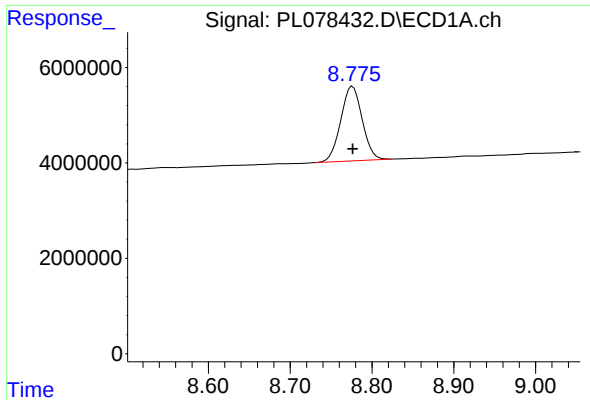
#21 Endrin ketone

R.T.: 7.432 min
Delta R.T.: -0.001 min
Response: 3082333
Conc: 1.64 ng/ml



#21 Endrin ketone

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 7122926
Conc: 2.76 ng/ml



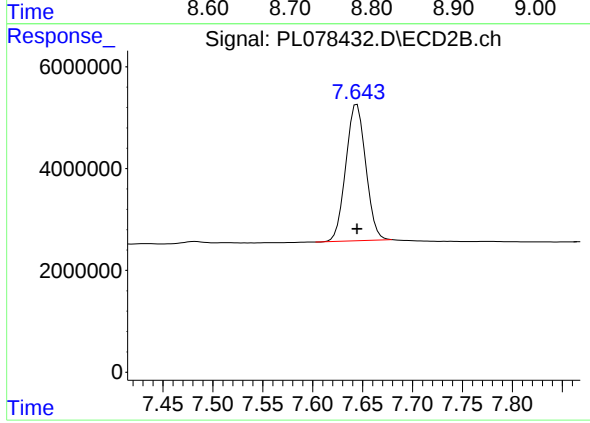
#28 Decachlorobiphenyl

R.T.: 8.776 min
Delta R.T.: 0.000 min
Response: 28380217
Conc: 18.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 37271488
Conc: 19.68 ng/ml