

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082322\
 Data File : PL077282.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2022 08:56
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/24/2022
 Supervised By : Ankita Jodhani 08/24/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 23:44:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:36:06 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...	3.417	2.631	26104945	57467836	19.185	18.699
28)	SA Decachlor...	8.913	7.740	23242493	49275184	19.833	17.659
Target Compounds							
2)	A alpha-BHC	3.882	3.125	17752514	41899850	9.583	9.596
3)	MA gamma-BHC...	4.218	3.449	17523925	38452554	10.011	9.843
6)	B beta-BHC	4.430	3.748	8052374	16982451	10.836	10.298
14)	MA Endrin	6.466	5.460	56121234	126.6E6	47.571	46.313
16)	A 4,4'-DDD	6.607	5.617	2512686	4685493	2.460	1.752 #
17)	MA 4,4'-DDT	6.918	5.867	106.9E6	244.2E6	95.697	92.708
18)	B Endrin al...	6.825	5.935	1643302	3948327	1.800	1.887m
20)	A Methoxychlor	7.399	6.445	141.5E6	310.5E6	234.954	220.131
21)	B Endrin ke...	7.547	6.657	3808847	6926220	3.122	2.404m

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

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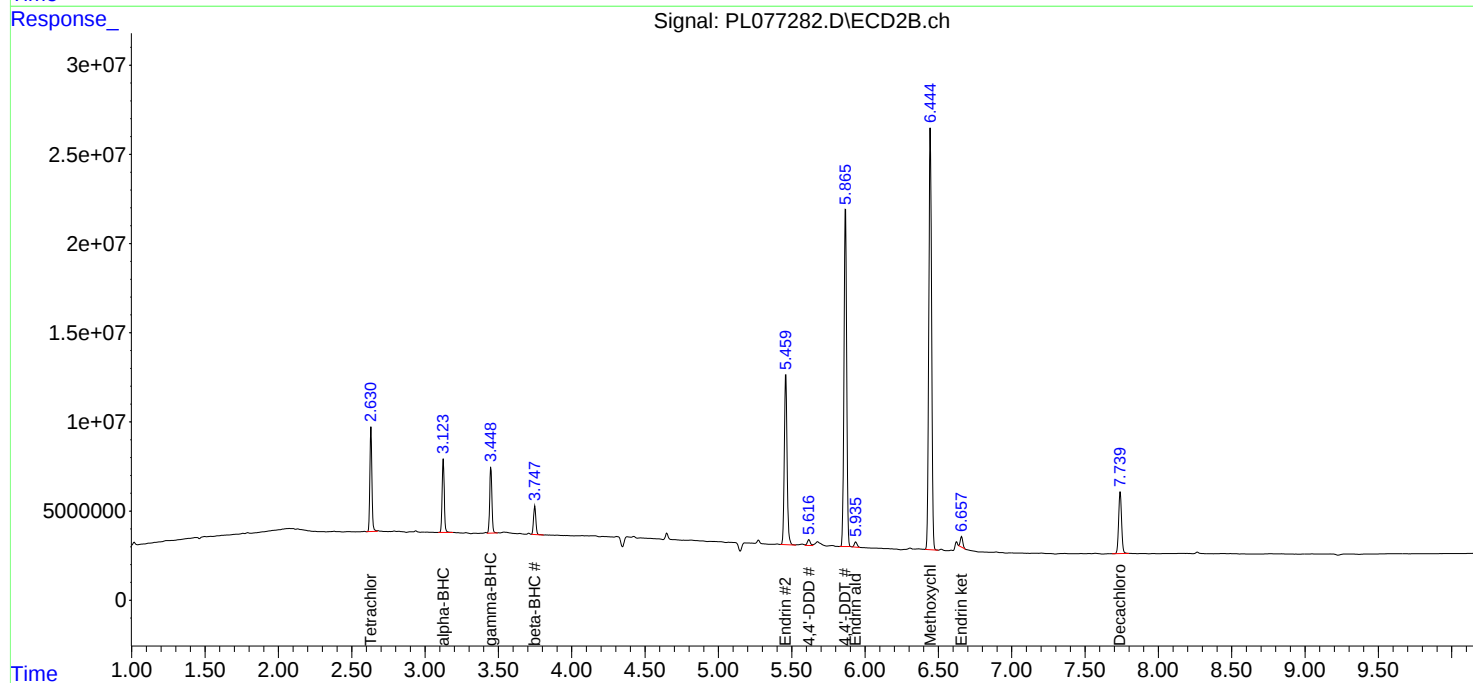
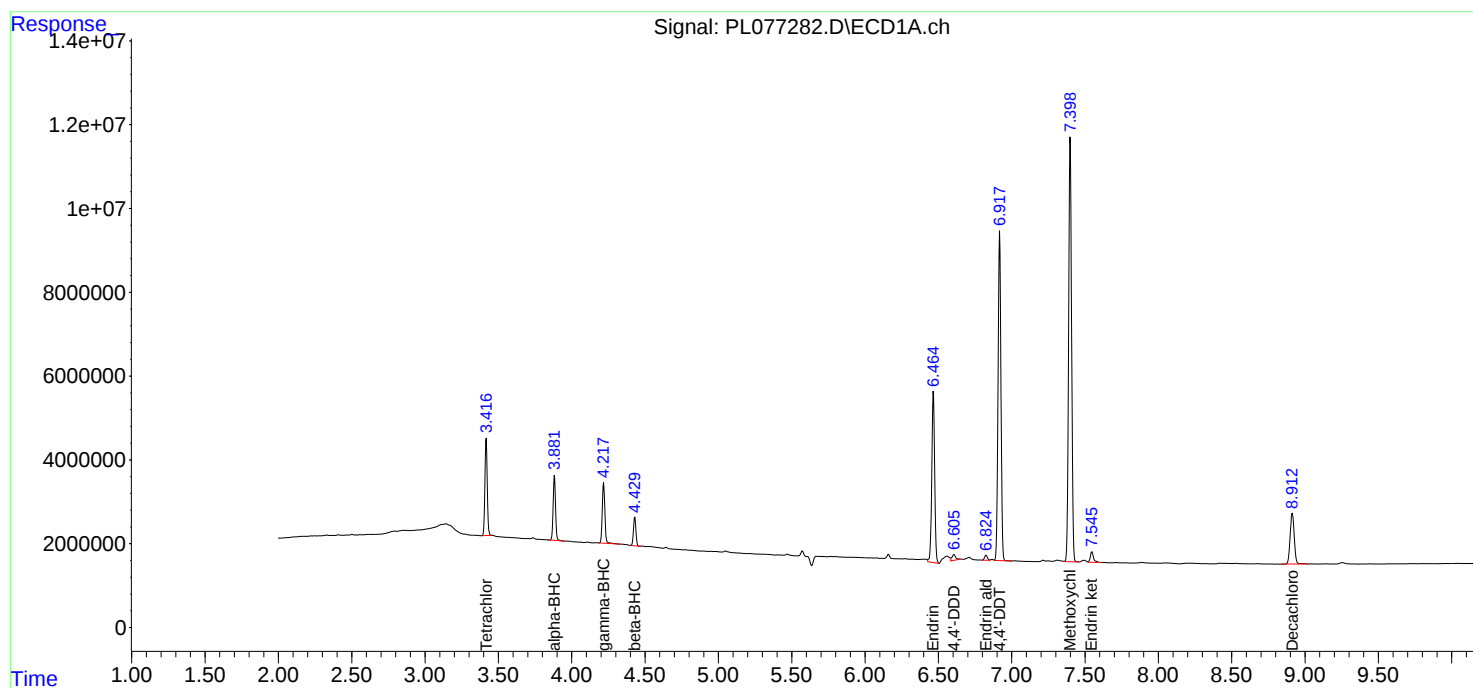
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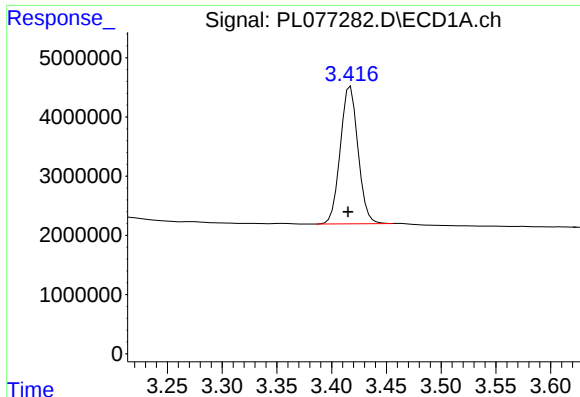
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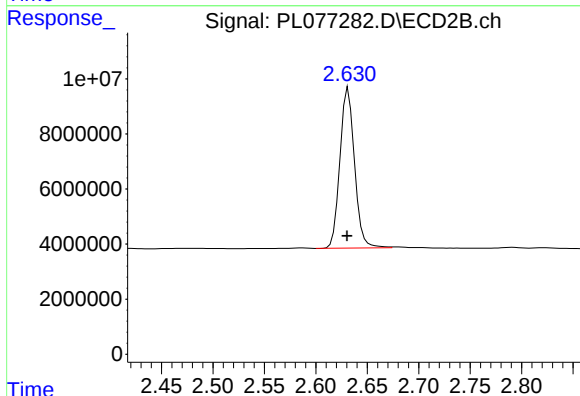
#1 Tetrachloro-m-xylene

R.T.: 3.417 min
Delta R.T.: 0.002 min
Response: 26104945
Conc: 19.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

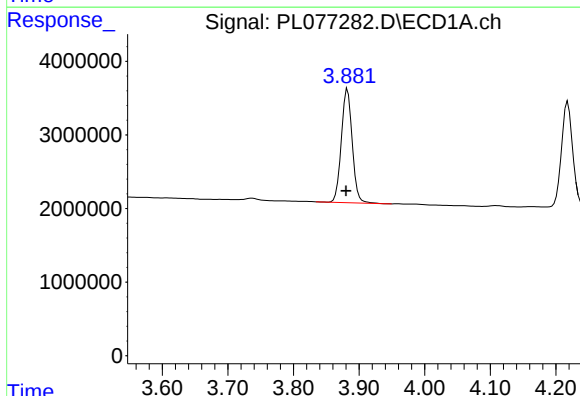
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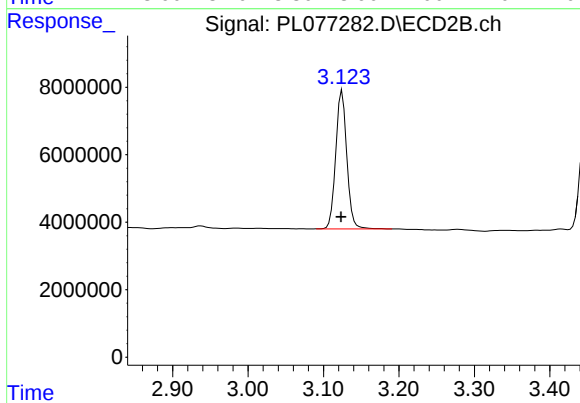
#1 Tetrachloro-m-xylene

R.T.: 2.631 min
Delta R.T.: 0.001 min
Response: 57467836
Conc: 18.70 ng/ml



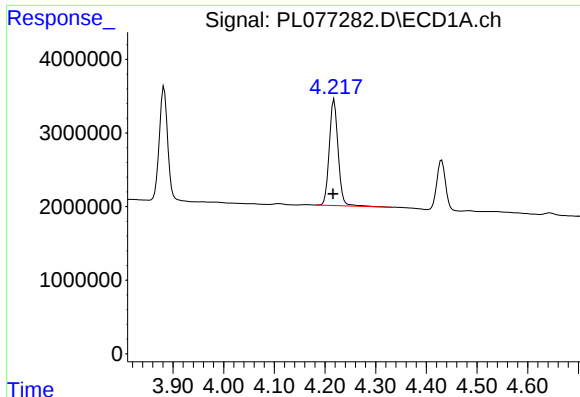
#2 alpha-BHC

R.T.: 3.882 min
Delta R.T.: 0.002 min
Response: 17752514
Conc: 9.58 ng/ml



#2 alpha-BHC

R.T.: 3.125 min
Delta R.T.: 0.002 min
Response: 41899850
Conc: 9.60 ng/ml



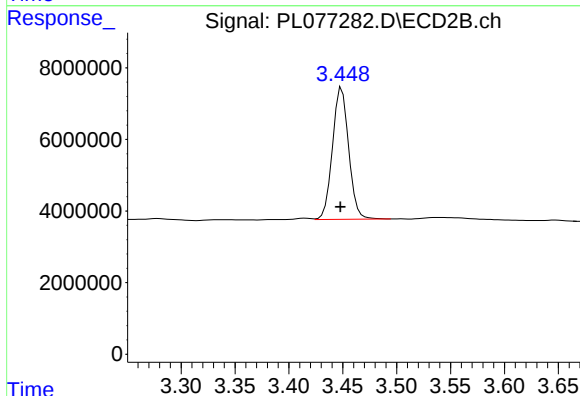
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.002 min
Response: 17523925
Conc: 10.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

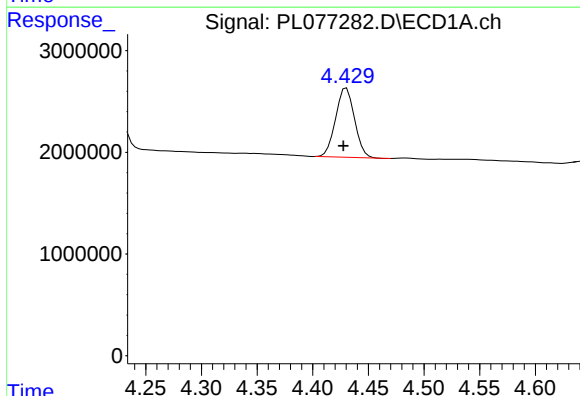
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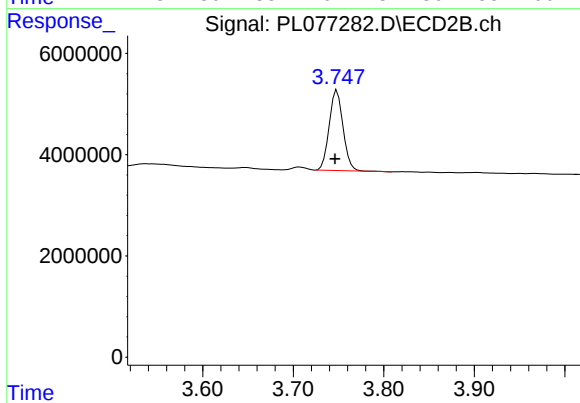
#3 gamma-BHC (Lindane)

R.T.: 3.449 min
Delta R.T.: 0.001 min
Response: 38452554
Conc: 9.84 ng/ml



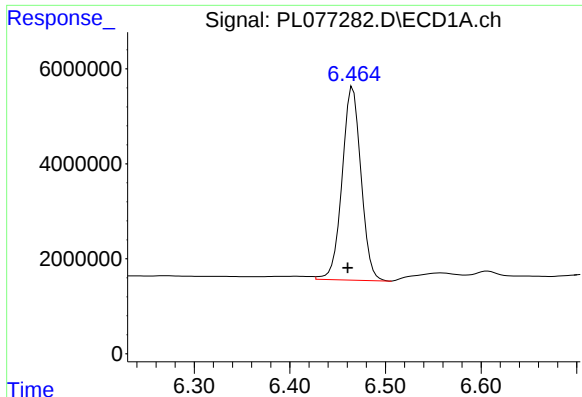
#6 beta-BHC

R.T.: 4.430 min
Delta R.T.: 0.003 min
Response: 8052374
Conc: 10.84 ng/ml



#6 beta-BHC

R.T.: 3.748 min
Delta R.T.: 0.002 min
Response: 16982451
Conc: 10.30 ng/ml



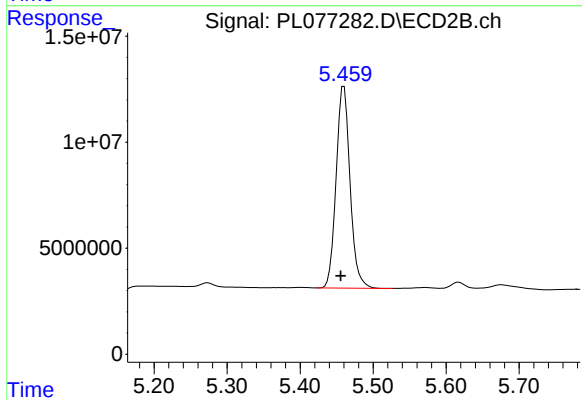
#14 Endrin

R.T.: 6.466 min
Delta R.T.: 0.005 min
Response: 56121234
Conc: 47.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

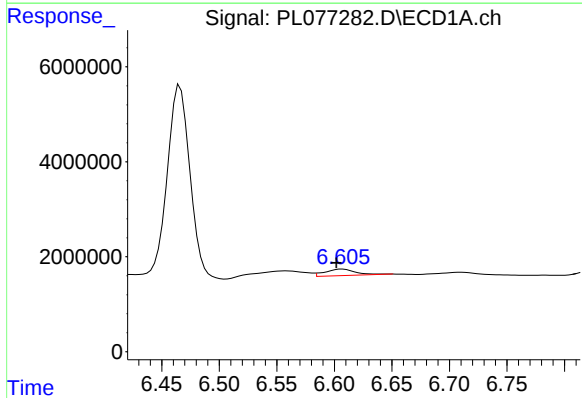
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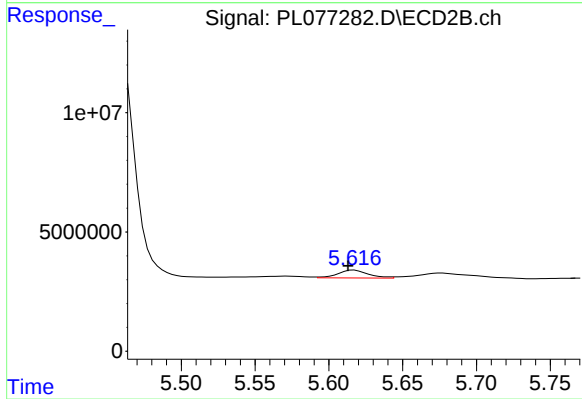
#14 Endrin

R.T.: 5.460 min
Delta R.T.: 0.004 min
Response: 126613625
Conc: 46.31 ng/ml



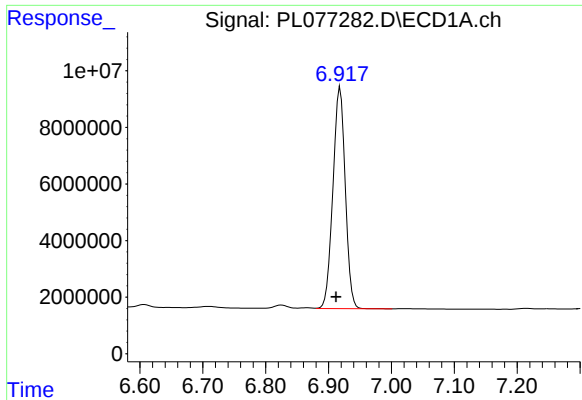
#16 4,4'-DDD

R.T.: 6.607 min
Delta R.T.: 0.005 min
Response: 2512686
Conc: 2.46 ng/ml



#16 4,4'-DDD

R.T.: 5.617 min
Delta R.T.: 0.004 min
Response: 4685493
Conc: 1.75 ng/ml



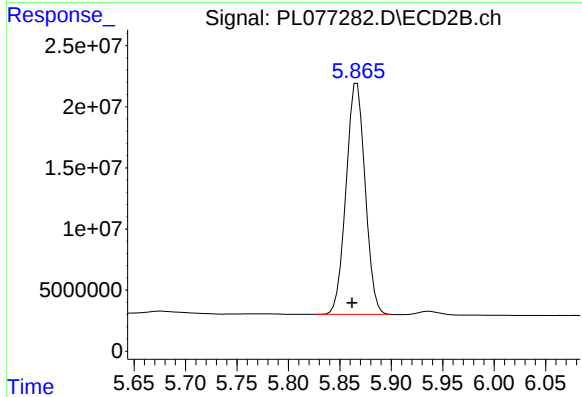
#17 4,4'-DDT

R.T.: 6.918 min
Delta R.T.: 0.006 min
Response: 106898653
Conc: 95.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

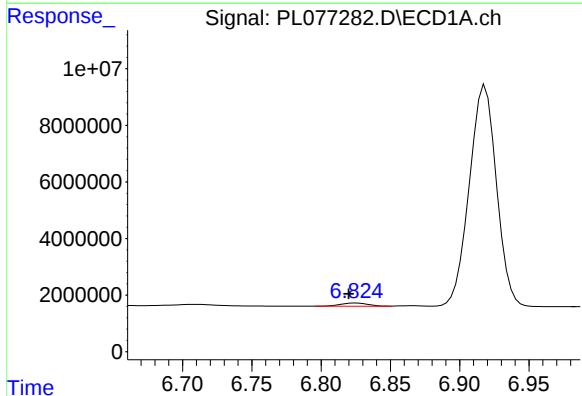
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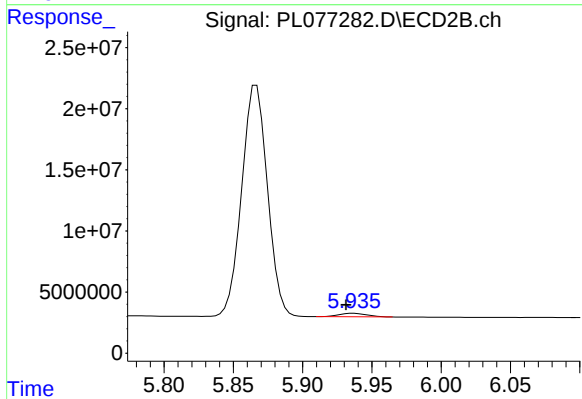
#17 4,4'-DDT

R.T.: 5.867 min
Delta R.T.: 0.005 min
Response: 244209393
Conc: 92.71 ng/ml



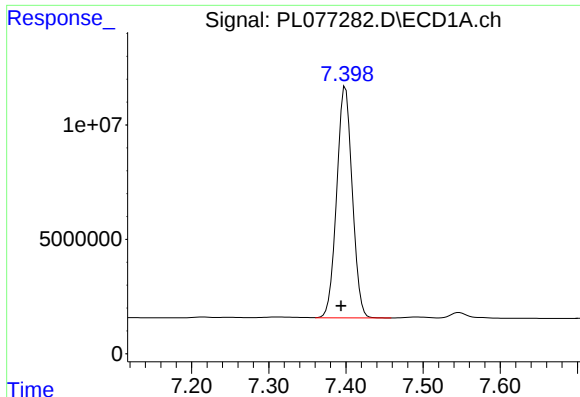
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: 0.005 min
Response: 1643302
Conc: 1.80 ng/ml



#18 Endrin aldehyde

R.T.: 5.935 min
Delta R.T.: 0.004 min
Response: 3948327
Conc: 1.89 ng/ml m



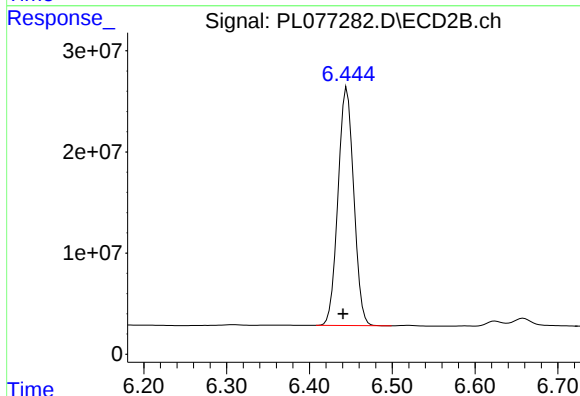
#20 Methoxychlor

R.T.: 7.399 min
Delta R.T.: 0.006 min
Response: 141498713
Conc: 234.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

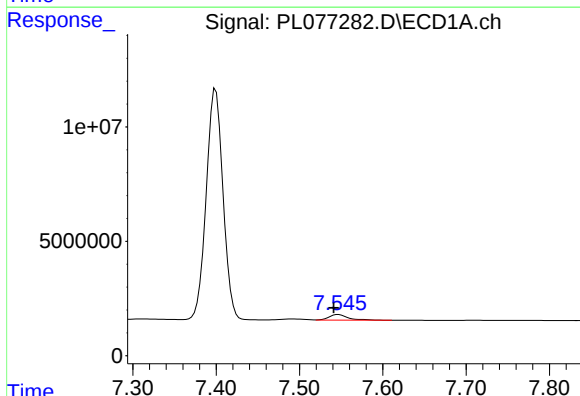
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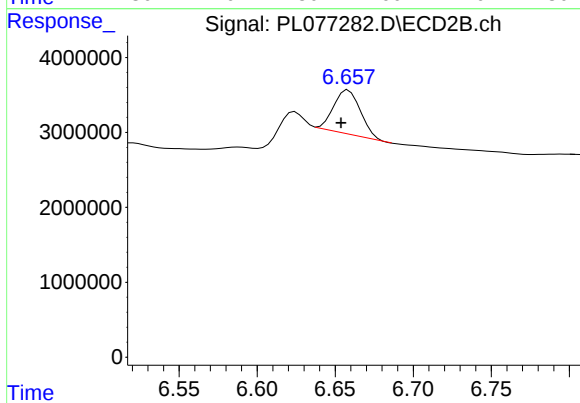
#20 Methoxychlor

R.T.: 6.445 min
Delta R.T.: 0.005 min
Response: 310548892
Conc: 220.13 ng/ml



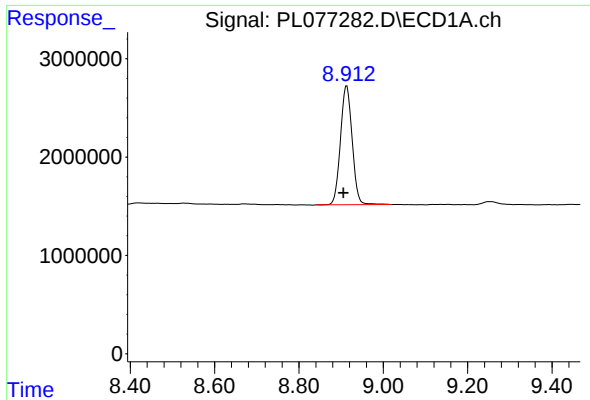
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: 0.006 min
Response: 3808847
Conc: 3.12 ng/ml



#21 Endrin ketone

R.T.: 6.657 min
Delta R.T.: 0.003 min
Response: 6926220
Conc: 2.40 ng/ml m



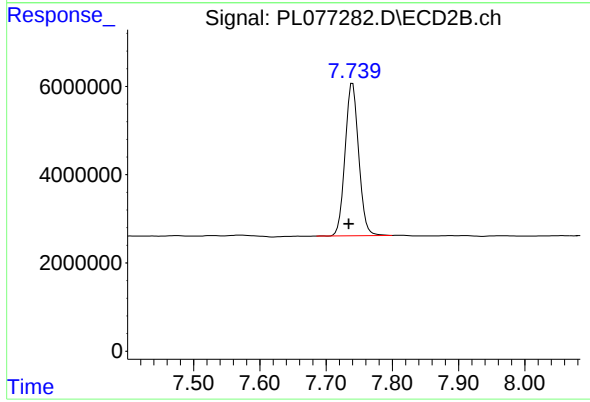
#28 Decachlorobiphenyl

R.T.: 8.913 min
Delta R.T.: 0.008 min
Response: 23242493
Conc: 19.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.740 min
Delta R.T.: 0.006 min
Response: 49275184
Conc: 17.66 ng/ml