

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101722\
 Data File : PL078390.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2022 11:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/18/2022
 Supervised By : Ankita Jodhani 10/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 23:48:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101222.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 12 15:30:54 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...	3.413	2.621	36581517	57600792	22.135	21.791
28)	SA Decachlor...	8.903	7.716	32679595	44319098	21.168	20.388
Target Compounds							
2)	A alpha-BHC	3.878	3.113	24985192	43977592	9.936	10.566
3)	MA gamma-BHC...	4.214	3.437	23869416	32193573	10.236	9.239
6)	B beta-BHC	4.427	3.735	10425128	16294690	10.482	11.053m
14)	MA Endrin	6.459	5.441	66719055	110.0E6	44.712	47.768
16)	A 4,4'-DDD	6.601	5.598	333354	381122	0.271m	0.171m#
17)	MA 4,4'-DDT	6.911	5.847	151.8E6	247.5E6	103.696	109.025
18)	B Endrin al...	6.818	5.919	931852	3045382	0.814	1.646 #
20)	A Methoxychlor	7.393	6.424	184.4E6	316.5E6	243.312	250.589
21)	B Endrin ke...	7.538	6.636	2643519	6756320	1.694m	2.550m#

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

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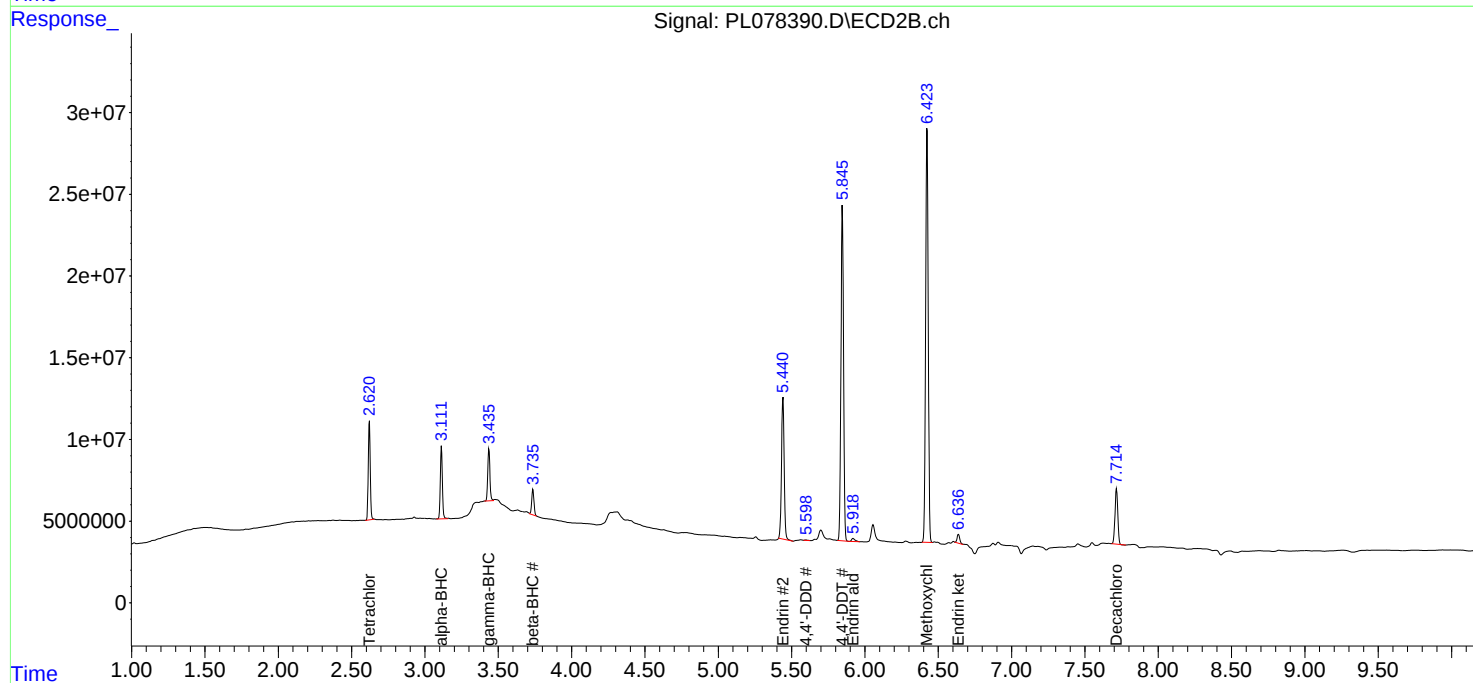
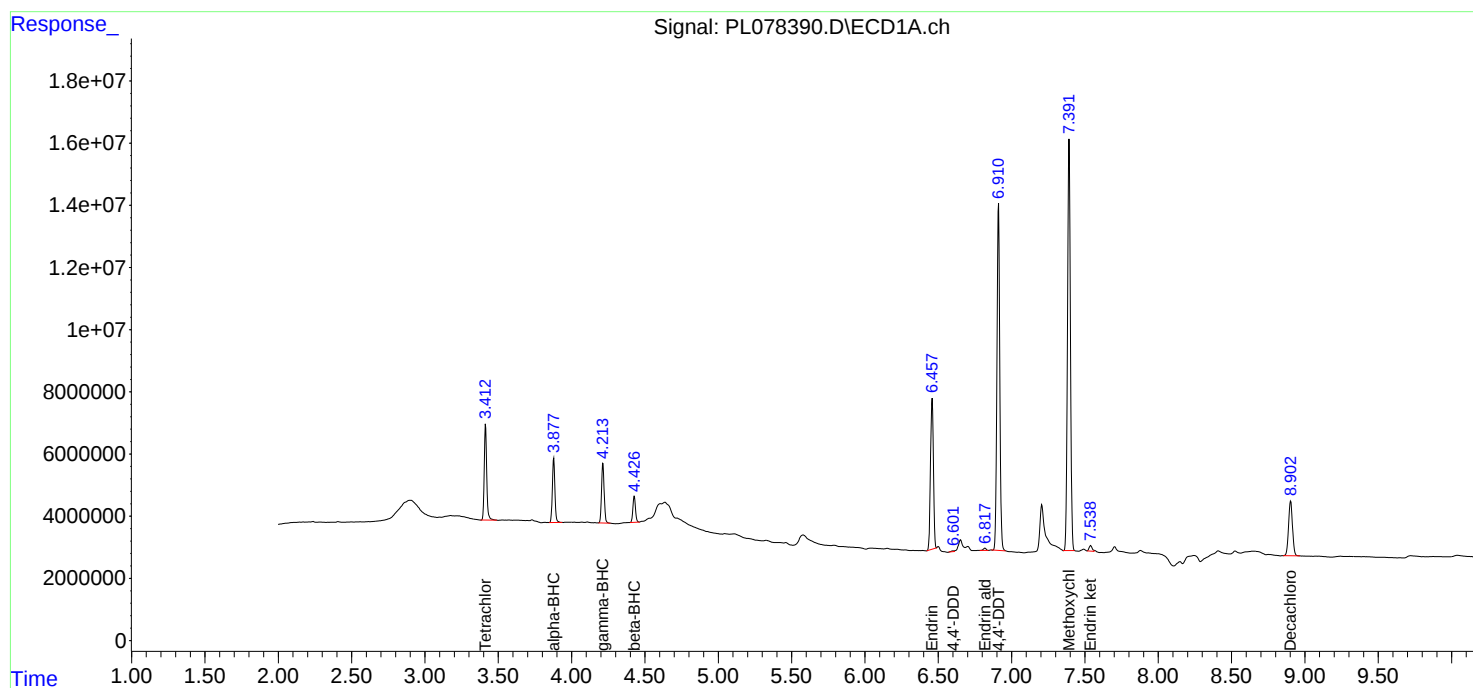
Instrument :
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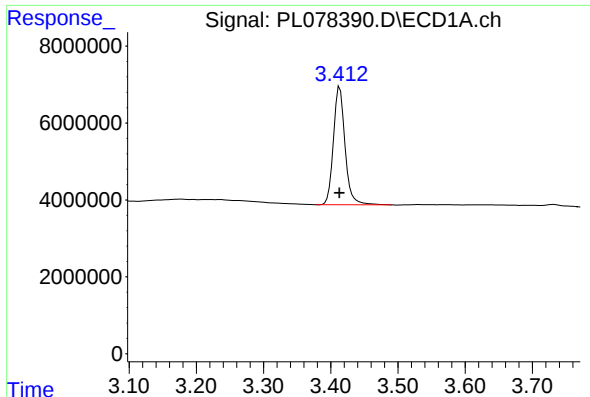
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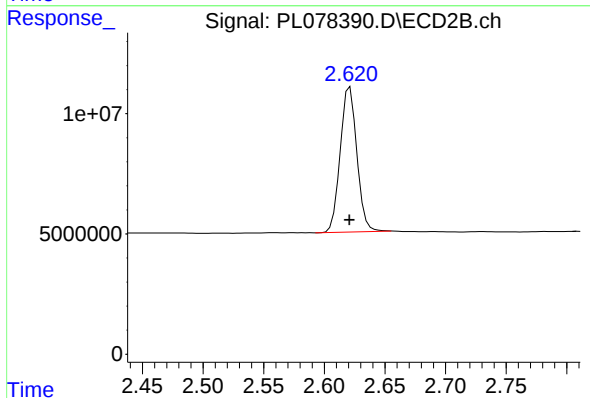
#1 Tetrachloro-m-xylene

R.T.: 3.413 min
Delta R.T.: 0.000 min
Response: 36581517
Conc: 22.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

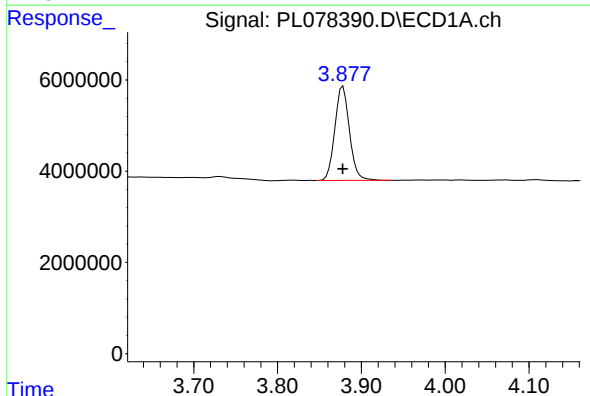
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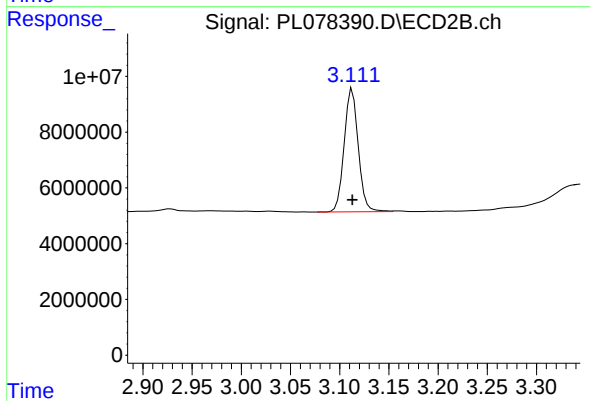
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: 0.000 min
Response: 57600792
Conc: 21.79 ng/ml



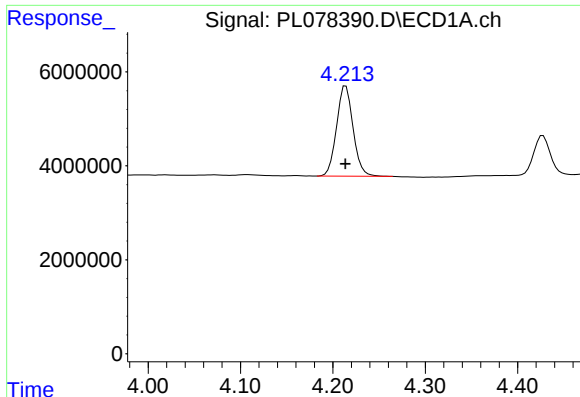
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: 0.000 min
Response: 24985192
Conc: 9.94 ng/ml



#2 alpha-BHC

R.T.: 3.113 min
Delta R.T.: 0.000 min
Response: 43977592
Conc: 10.57 ng/ml



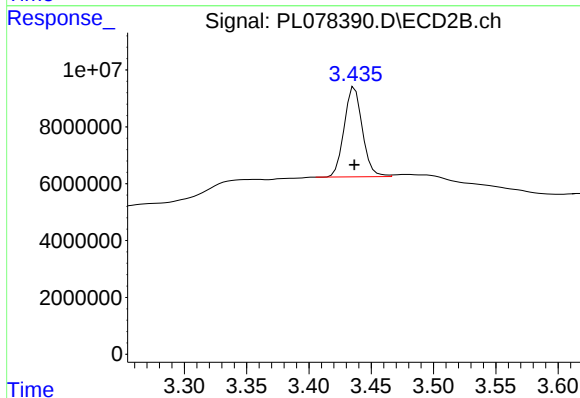
#3 gamma-BHC (Lindane)

R.T.: 4.214 min
Delta R.T.: 0.000 min
Response: 23869416
Conc: 10.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

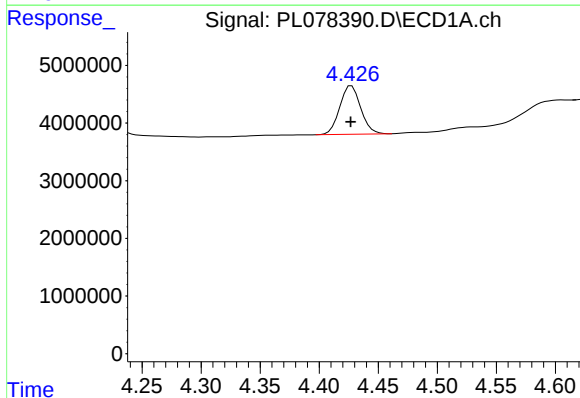
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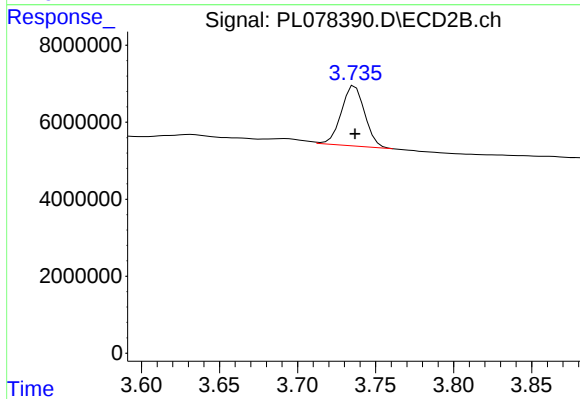
#3 gamma-BHC (Lindane)

R.T.: 3.437 min
Delta R.T.: 0.000 min
Response: 32193573
Conc: 9.24 ng/ml



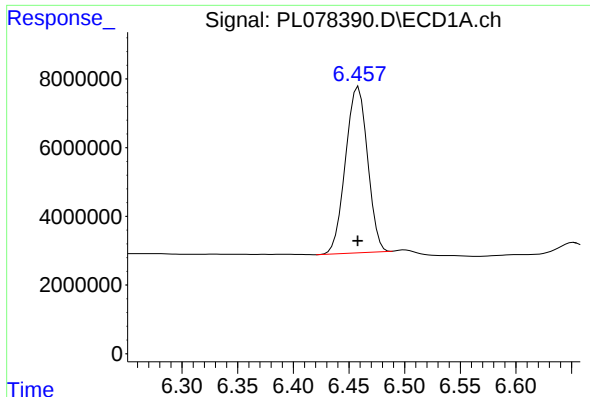
#6 beta-BHC

R.T.: 4.427 min
Delta R.T.: 0.000 min
Response: 10425128
Conc: 10.48 ng/ml



#6 beta-BHC

R.T.: 3.735 min
Delta R.T.: -0.002 min
Response: 16294690
Conc: 11.05 ng/ml m



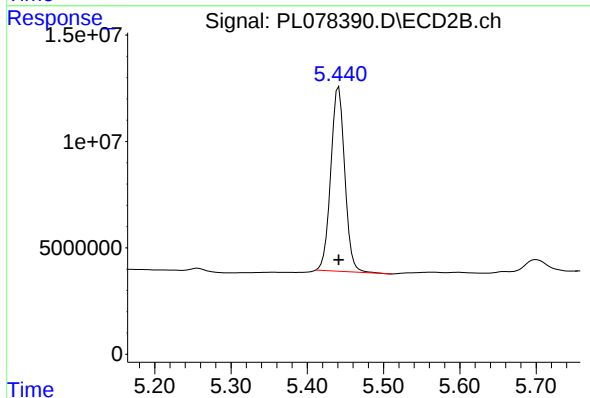
#14 Endrin

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 66719055
Conc: 44.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

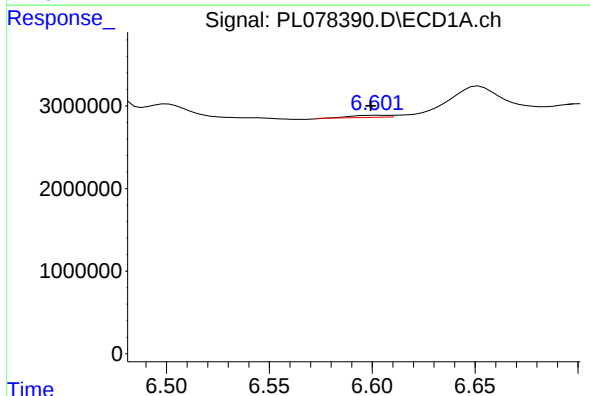
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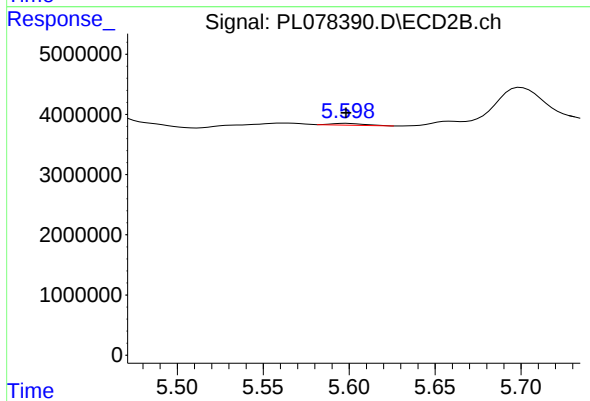
#14 Endrin

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 110028026
Conc: 47.77 ng/ml



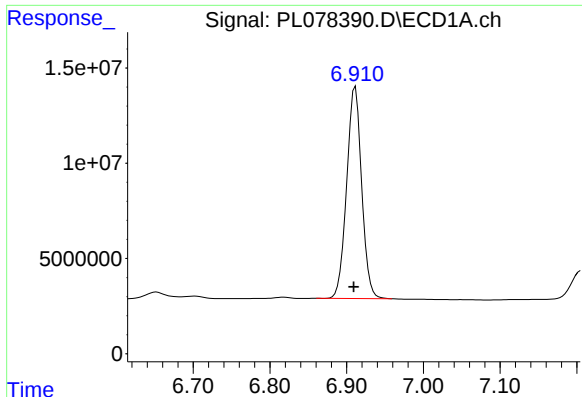
#16 4,4'-DDD

R.T.: 6.601 min
Delta R.T.: 0.002 min
Response: 333354
Conc: 0.27 ng/ml m



#16 4,4'-DDD

R.T.: 5.598 min
Delta R.T.: 0.000 min
Response: 381122
Conc: 0.17 ng/ml m



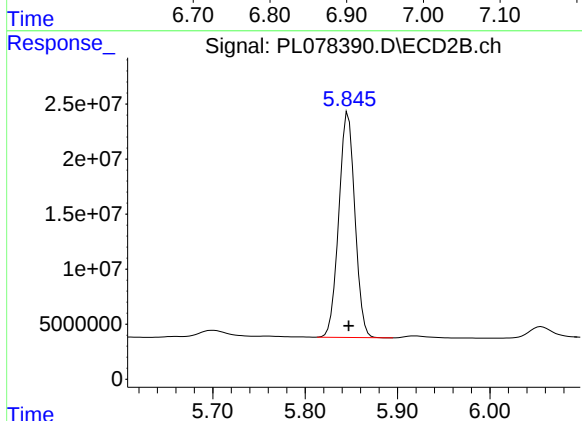
#17 4,4'-DDT

R.T.: 6.911 min
Delta R.T.: 0.002 min
Response: 151806611
Conc: 103.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

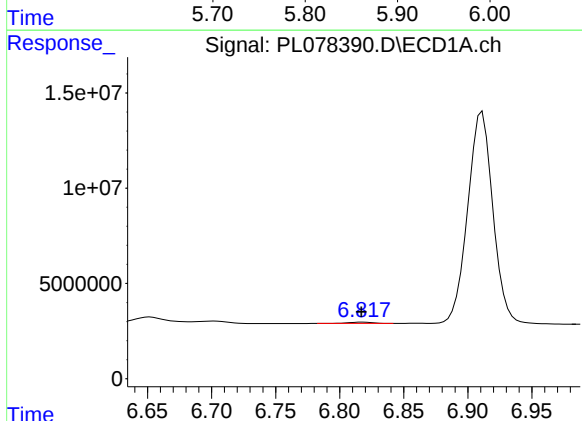
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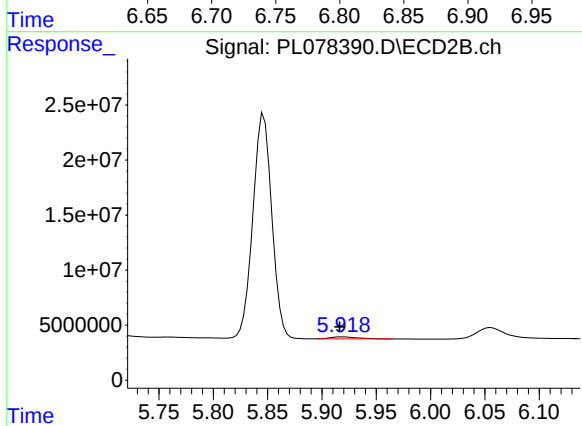
#17 4,4'-DDT

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 247477095
Conc: 109.03 ng/ml



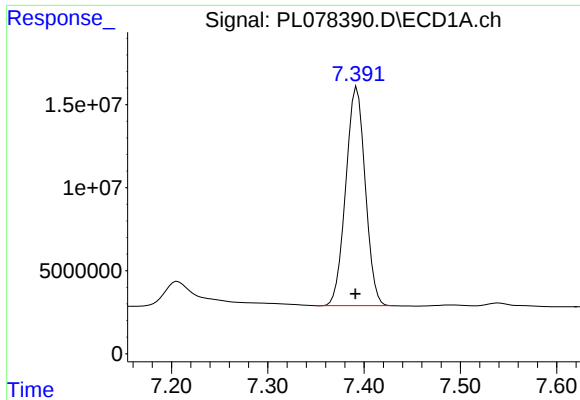
#18 Endrin aldehyde

R.T.: 6.818 min
Delta R.T.: 0.001 min
Response: 931852
Conc: 0.81 ng/ml



#18 Endrin aldehyde

R.T.: 5.919 min
Delta R.T.: 0.002 min
Response: 3045382
Conc: 1.65 ng/ml



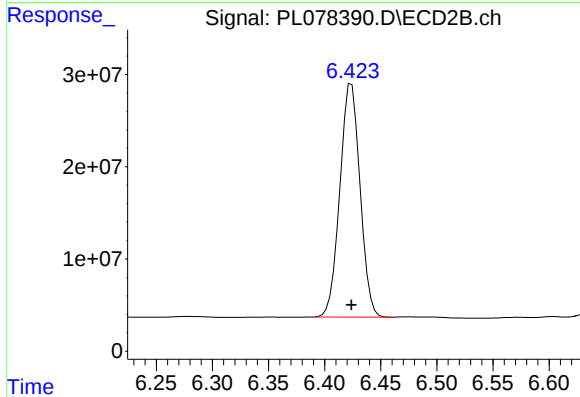
#20 Methoxychlor

R.T.: 7.393 min
Delta R.T.: 0.002 min
Response: 184360231
Conc: 243.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

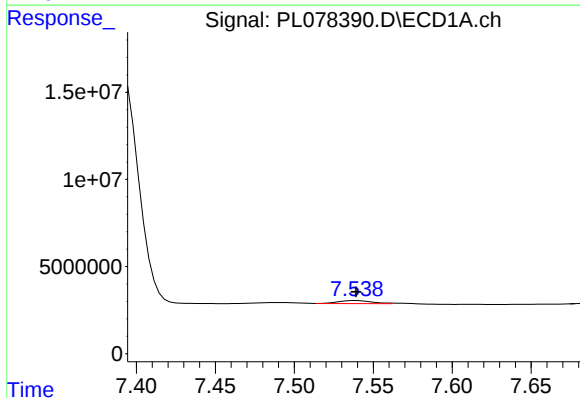
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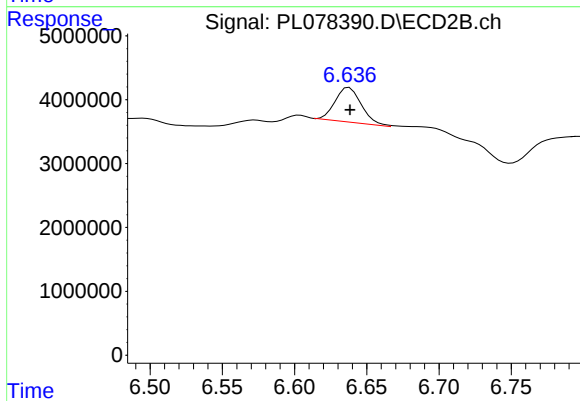
#20 Methoxychlor

R.T.: 6.424 min
Delta R.T.: 0.000 min
Response: 316498271
Conc: 250.59 ng/ml



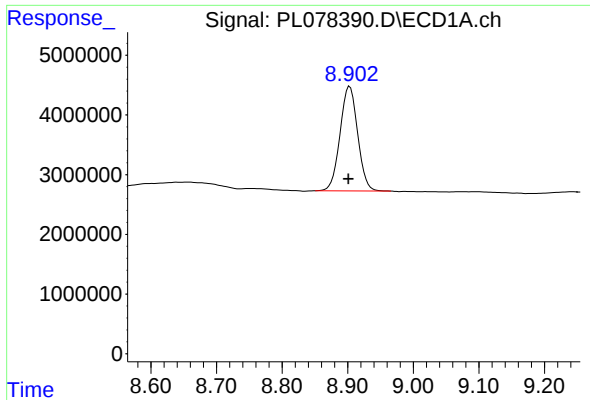
#21 Endrin ketone

R.T.: 7.538 min
Delta R.T.: -0.001 min
Response: 2643519
Conc: 1.69 ng/ml m



#21 Endrin ketone

R.T.: 6.636 min
Delta R.T.: -0.002 min
Response: 6756320
Conc: 2.55 ng/ml m



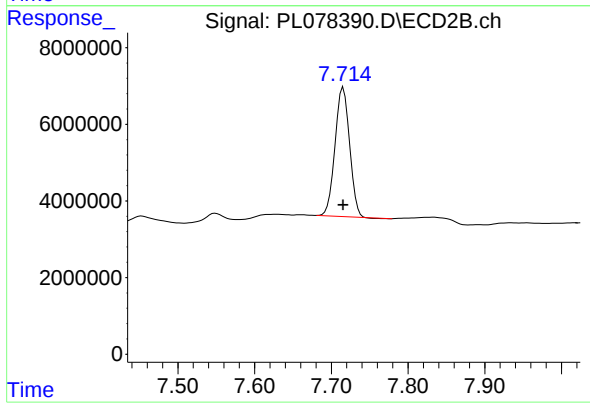
#28 Decachlorobiphenyl

R.T.: 8.903 min
Delta R.T.: 0.002 min
Response: 32679595
Conc: 21.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.716 min
Delta R.T.: 0.000 min
Response: 44319098
Conc: 20.39 ng/ml