

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101822\
 Data File : PL078406.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Oct 2022 09:23
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 04:44:40 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...	3.415	2.622	38947636	60358092	23.567	22.835
28)	SA Decachlor...	8.907	7.719	32131607	46424784	20.813	21.356
Target Compounds							
2)	A alpha-BHC	3.880	3.114	26309849	47269484	10.462	11.357
3)	MA gamma-BHC...	4.216	3.438	25236448	40752190	10.822	11.695
6)	B beta-BHC	4.429	3.739	11428601	19017543	11.491	12.900
14)	MA Endrin	6.461	5.443	74232265	135.0E6	49.747	58.630
16)	A 4,4'-DDD	6.603	5.600	791200	2197132	0.643	0.986m#
17)	MA 4,4'-DDT	6.914	5.849	154.0E6	264.3E6	105.225	116.443
18)	B Endrin al...	6.821	5.920	979127	3263133	0.856	1.764 #
20)	A Methoxychlor	7.395	6.426	187.0E6	316.9E6	246.781	250.944
21)	B Endrin ke...	7.544	6.641	2538160	6667562	1.627	2.517 #

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

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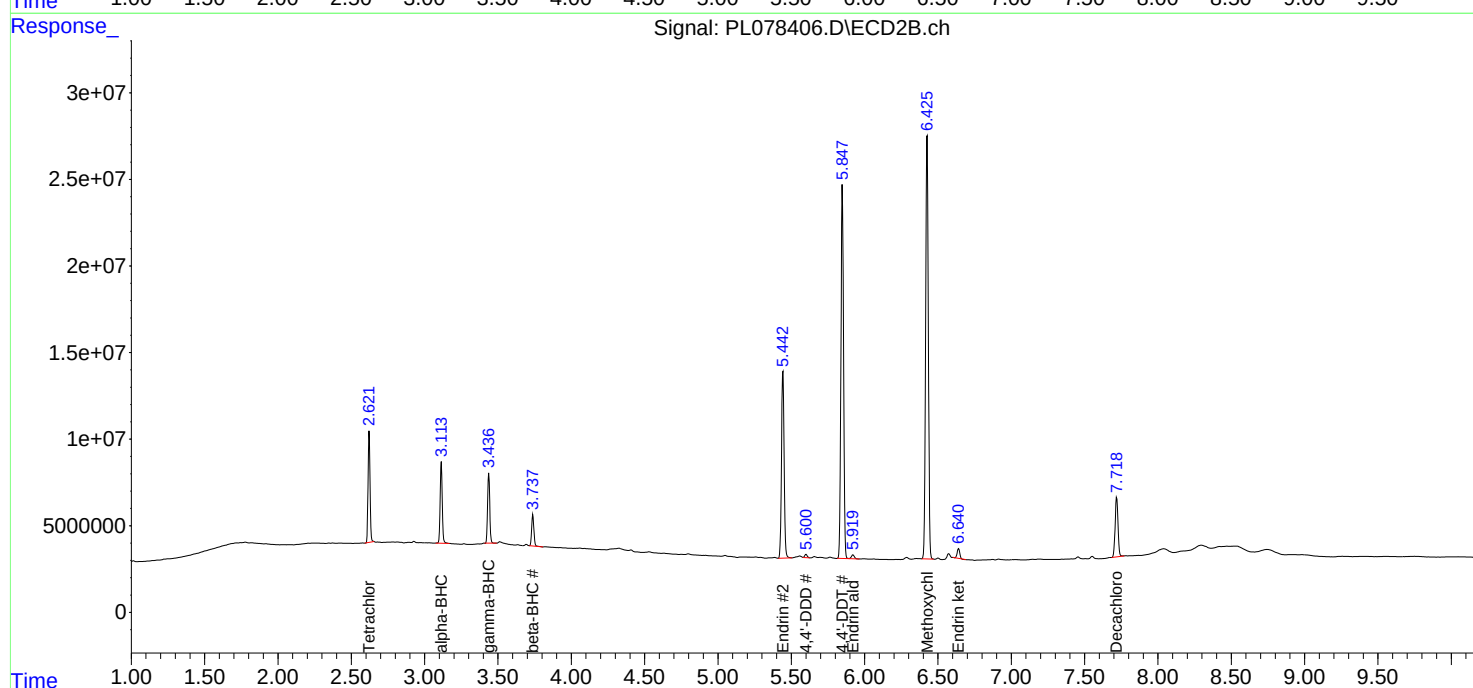
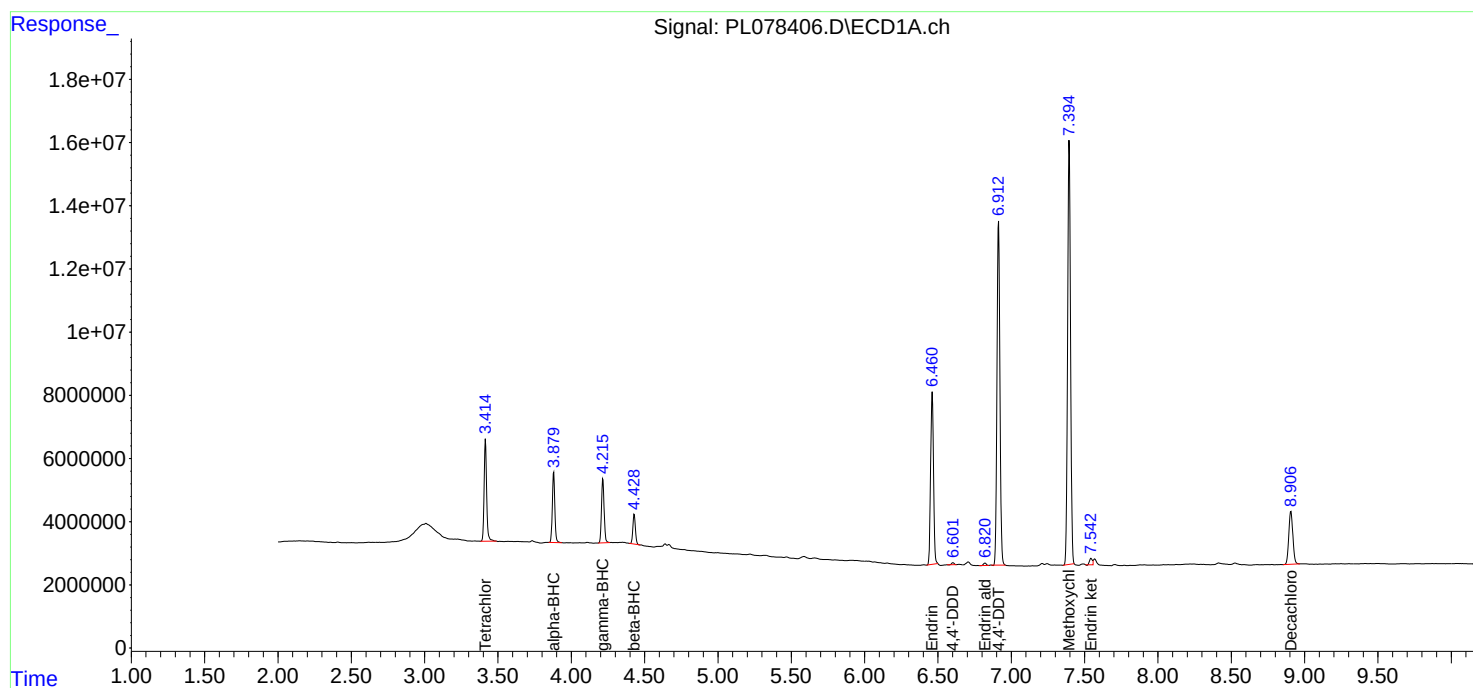
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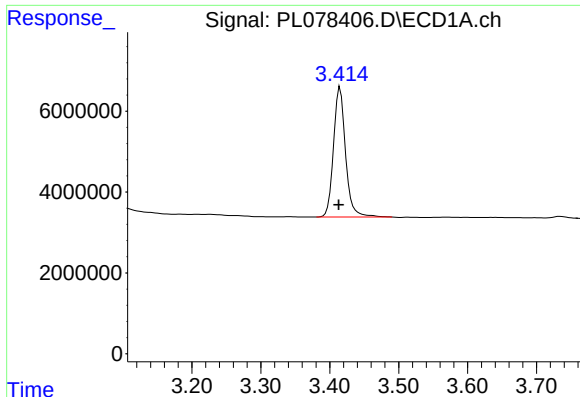
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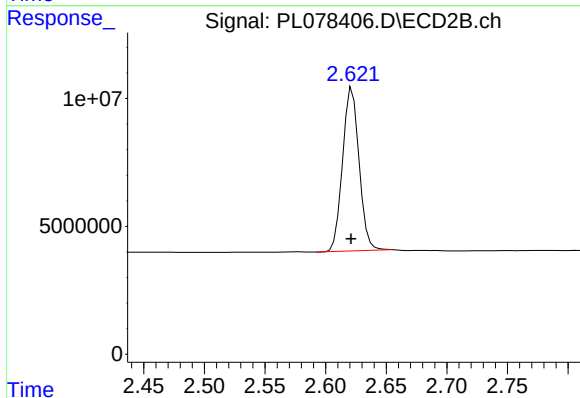
#1 Tetrachloro-m-xylene

R.T.: 3.415 min
Delta R.T.: 0.002 min
Response: 38947636
Conc: 23.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

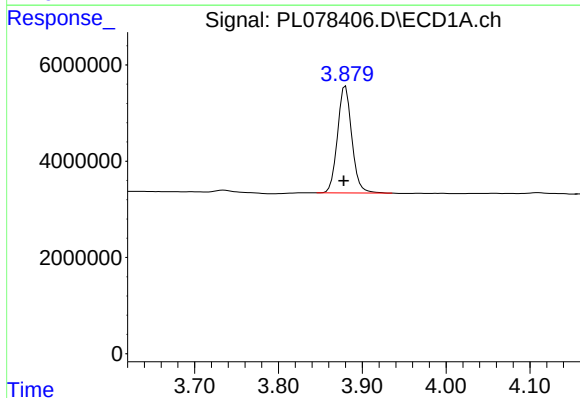
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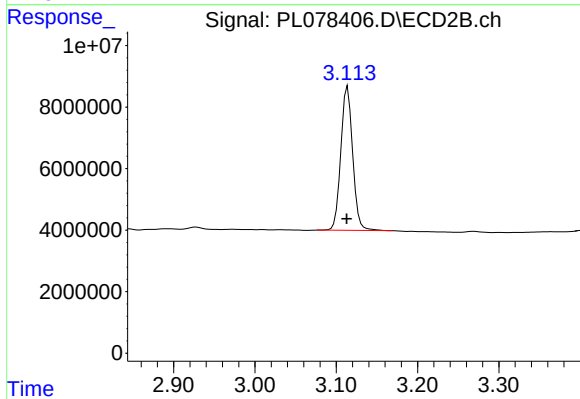
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: 0.001 min
Response: 60358092
Conc: 22.83 ng/ml



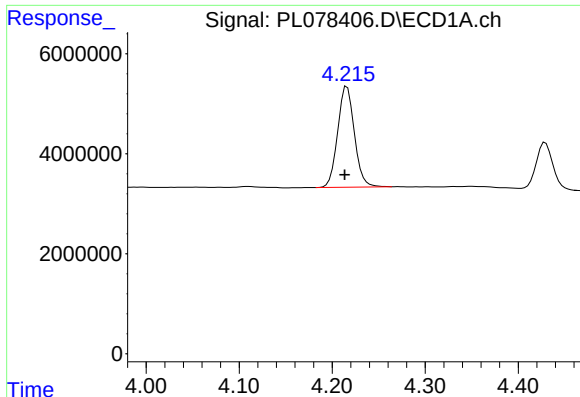
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: 0.002 min
Response: 26309849
Conc: 10.46 ng/ml



#2 alpha-BHC

R.T.: 3.114 min
Delta R.T.: 0.001 min
Response: 47269484
Conc: 11.36 ng/ml



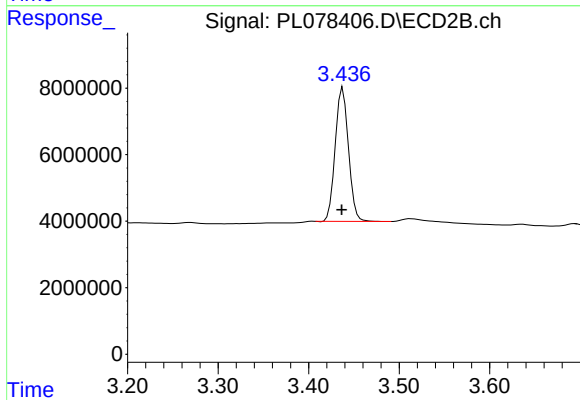
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: 0.002 min
Response: 25236448
Conc: 10.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

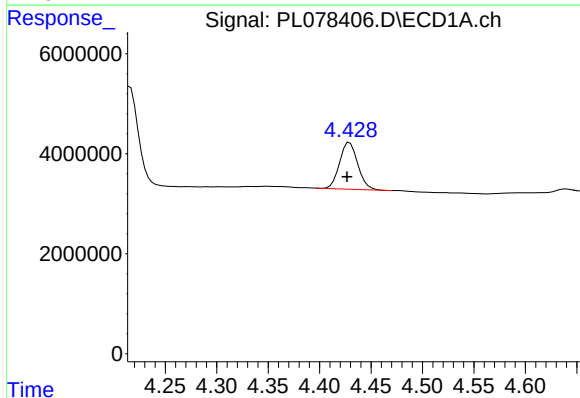
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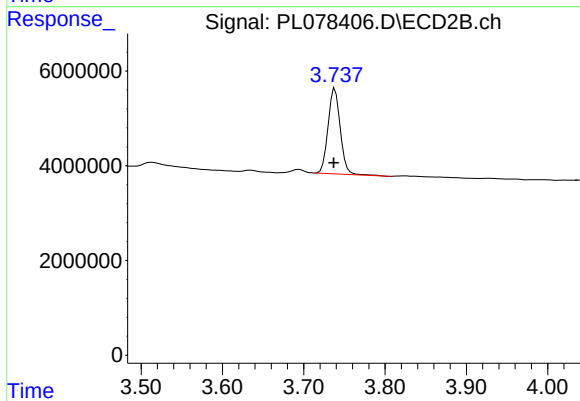
#3 gamma-BHC (Lindane)

R.T.: 3.438 min
Delta R.T.: 0.001 min
Response: 40752190
Conc: 11.70 ng/ml



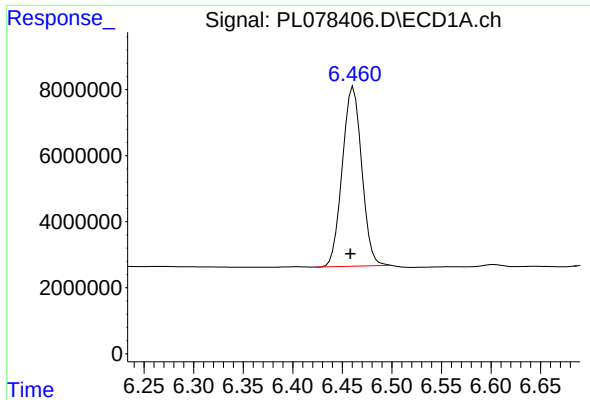
#6 beta-BHC

R.T.: 4.429 min
Delta R.T.: 0.003 min
Response: 11428601
Conc: 11.49 ng/ml



#6 beta-BHC

R.T.: 3.739 min
Delta R.T.: 0.002 min
Response: 19017543
Conc: 12.90 ng/ml



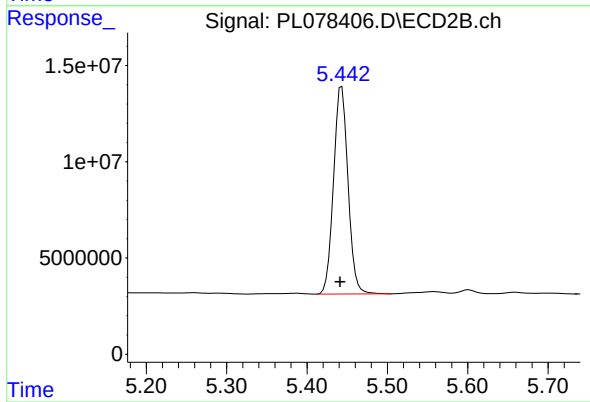
#14 Endrin

R.T.: 6.461 min
Delta R.T.: 0.003 min
Response: 74232265
Conc: 49.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

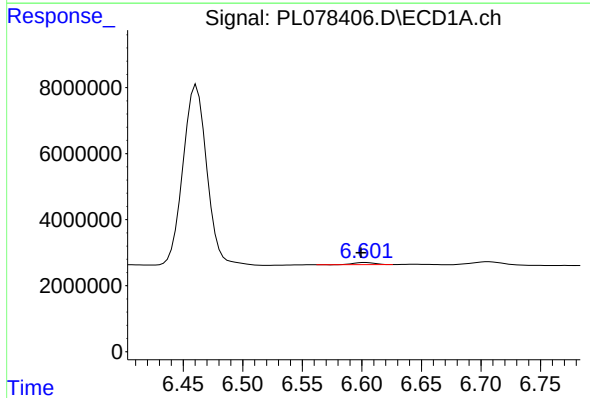
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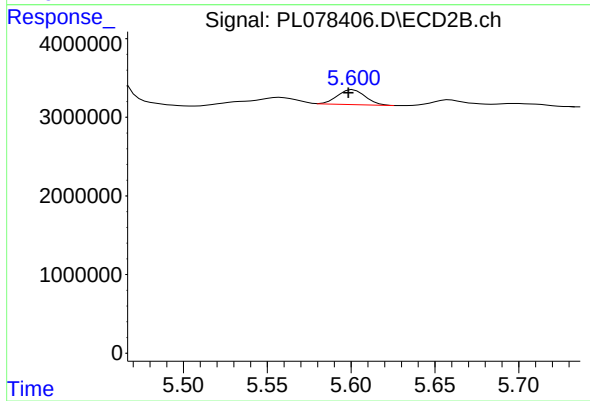
#14 Endrin

R.T.: 5.443 min
Delta R.T.: 0.002 min
Response: 135048183
Conc: 58.63 ng/ml



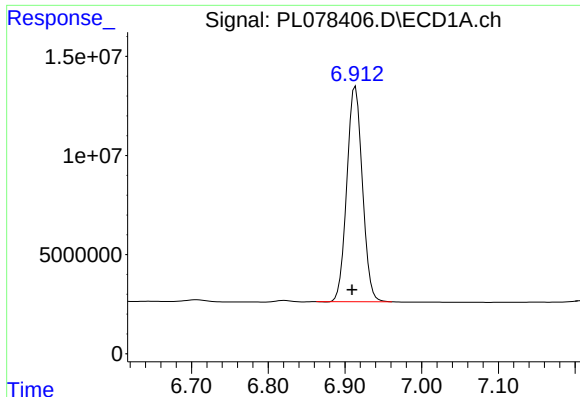
#16 4,4'-DDD

R.T.: 6.603 min
Delta R.T.: 0.004 min
Response: 791200
Conc: 0.64 ng/ml



#16 4,4'-DDD

R.T.: 5.600 min
Delta R.T.: 0.002 min
Response: 2197132
Conc: 0.99 ng/ml m



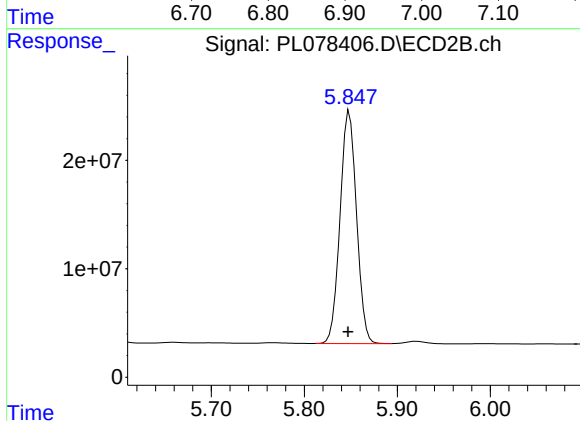
#17 4,4'-DDT

R.T.: 6.914 min
Delta R.T.: 0.004 min
Response: 154044783
Conc: 105.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

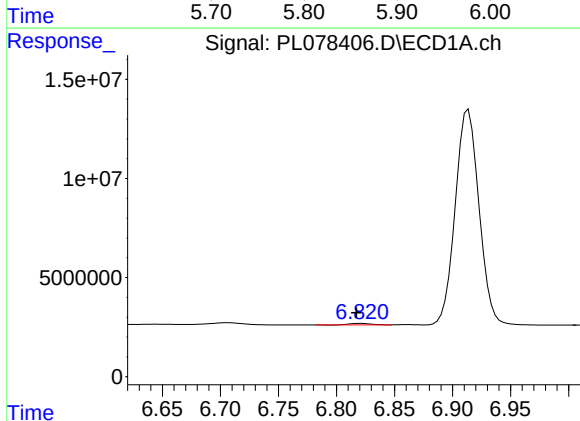
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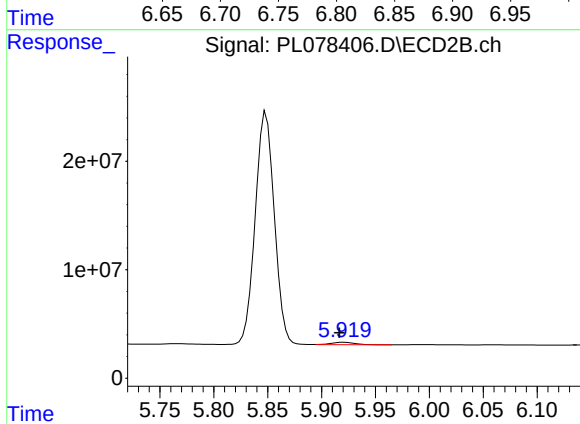
#17 4,4'-DDT

R.T.: 5.849 min
Delta R.T.: 0.002 min
Response: 264316026
Conc: 116.44 ng/ml



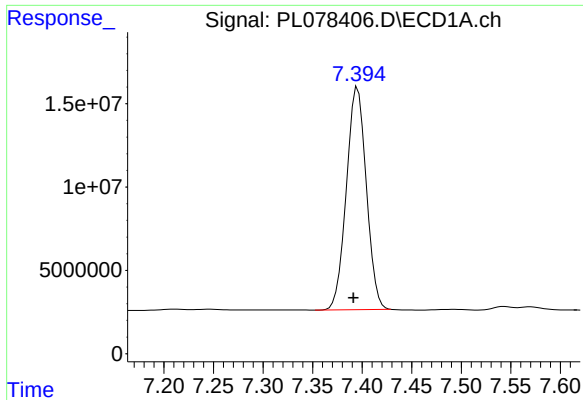
#18 Endrin aldehyde

R.T.: 6.821 min
Delta R.T.: 0.004 min
Response: 979127
Conc: 0.86 ng/ml



#18 Endrin aldehyde

R.T.: 5.920 min
Delta R.T.: 0.004 min
Response: 3263133
Conc: 1.76 ng/ml



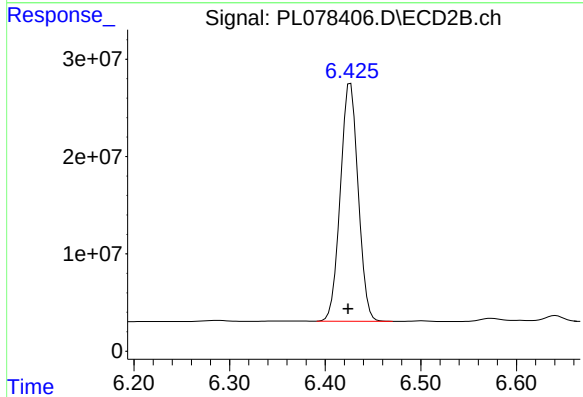
#20 Methoxychlor

R.T.: 7.395 min
Delta R.T.: 0.004 min
Response: 186989353
Conc: 246.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

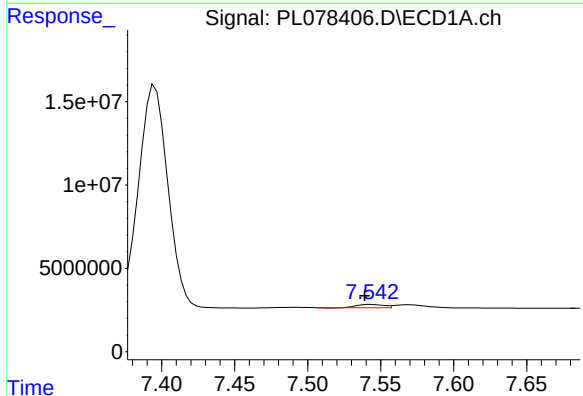
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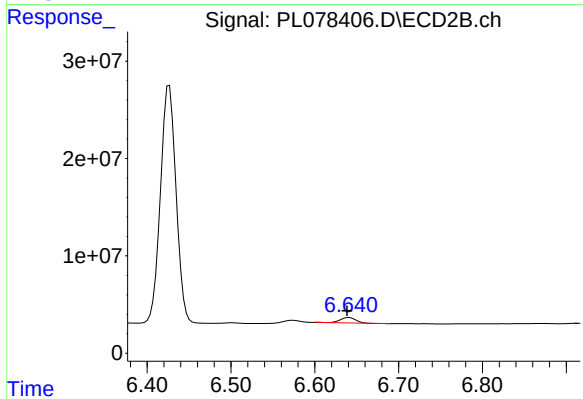
#20 Methoxychlor

R.T.: 6.426 min
Delta R.T.: 0.003 min
Response: 316946666
Conc: 250.94 ng/ml



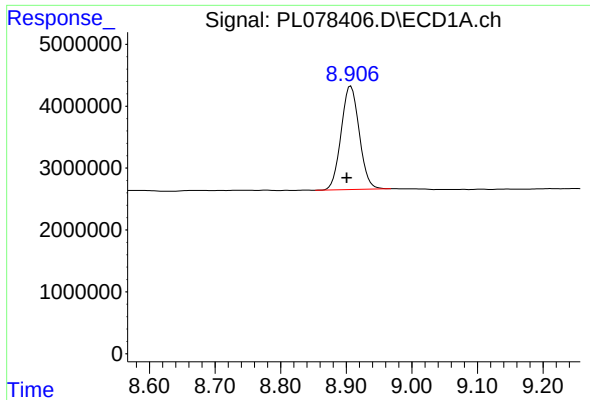
#21 Endrin ketone

R.T.: 7.544 min
Delta R.T.: 0.005 min
Response: 2538160
Conc: 1.63 ng/ml



#21 Endrin ketone

R.T.: 6.641 min
Delta R.T.: 0.003 min
Response: 6667562
Conc: 2.52 ng/ml



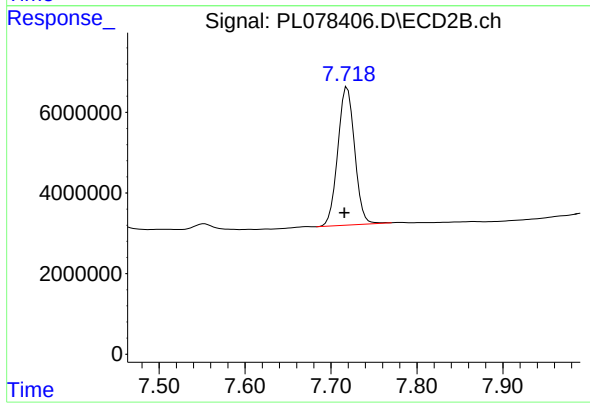
#28 Decachlorobiphenyl

R.T.: 8.907 min
Delta R.T.: 0.006 min
Response: 32131607
Conc: 20.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.719 min
Delta R.T.: 0.003 min
Response: 46424784
Conc: 21.36 ng/ml