

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100322\
 Data File : PL078046.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2022 18:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/04/2022
 Supervised By : Ankita Jodhani 10/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 22:43:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100322.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 03 19:46:18 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	2.623	38713703	58235065	20.991	20.719
28)	SA Decachlor...	8.904	7.720	34091148	45136688	21.715	20.799
Target Compounds							
2)	A alpha-BHC	3.880	3.116	26425000	44366110	9.521	10.165
3)	MA gamma-BHC...	4.215	3.439	25548783	39502318	9.842	10.314
6)	B beta-BHC	4.428	3.740	12063354	18349835	10.521	11.480
14)	MA Endrin	6.460	5.445	81479523	128.0E6	47.861	49.244
16)	A 4,4'-DDD	6.601	5.602	683676	1143361	0.469	0.481m
17)	MA 4,4'-DDT	6.912	5.851	167.0E6	249.0E6	100.985	102.016
18)	B Endrin al...	6.819	5.923	1066931	2977069	0.834	1.515 #
20)	A Methoxychlor	7.393	6.428	212.3E6	301.1E6	257.214	233.358
21)	B Endrin ke...	7.540	6.641	3385738	7742791	2.025	2.818 #

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

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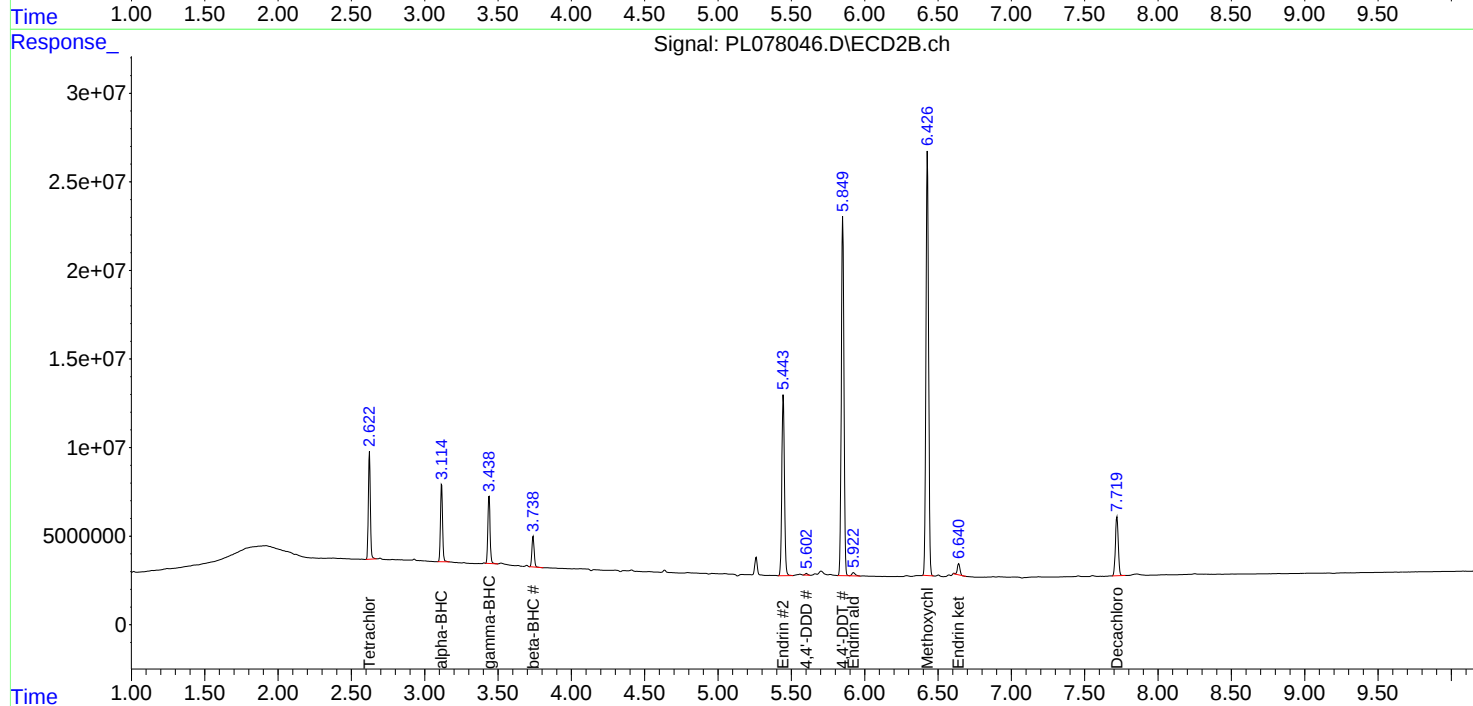
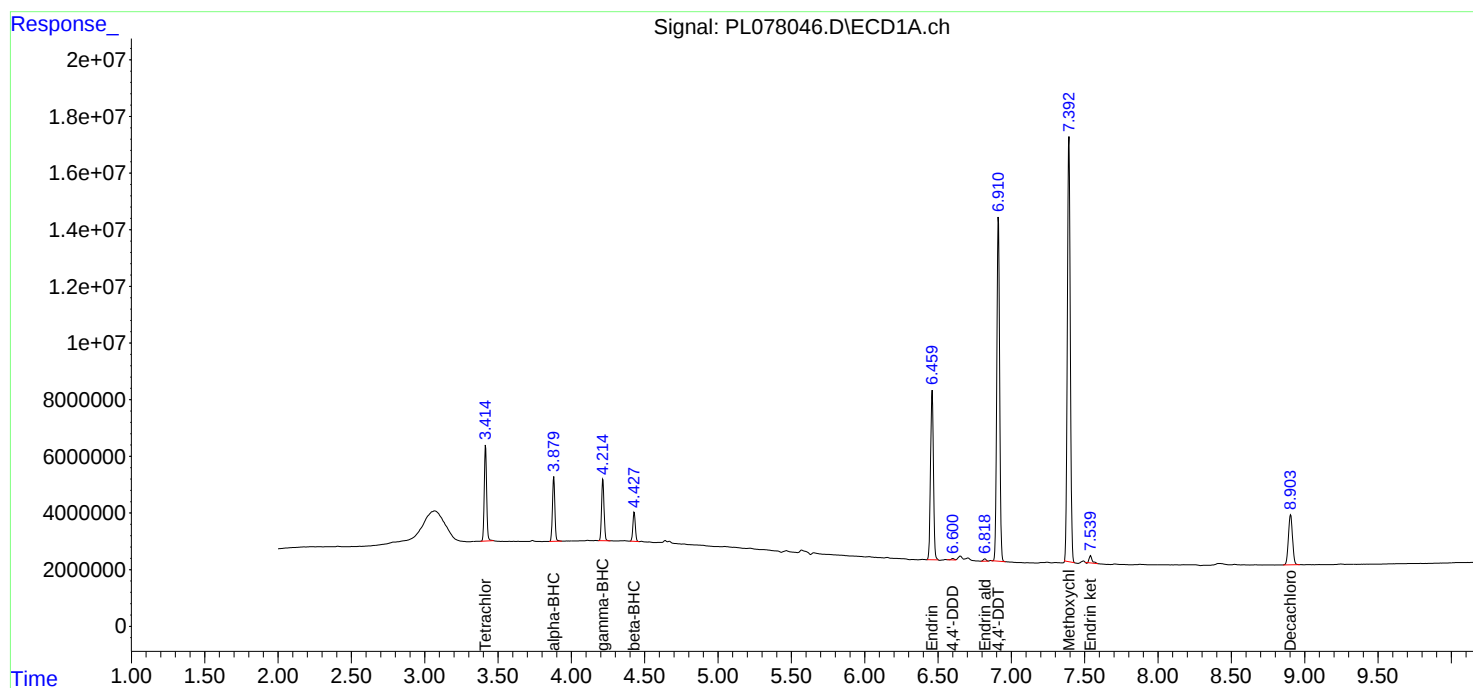
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ECD_L
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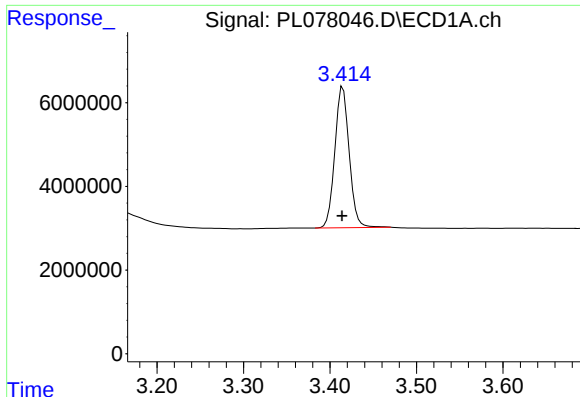
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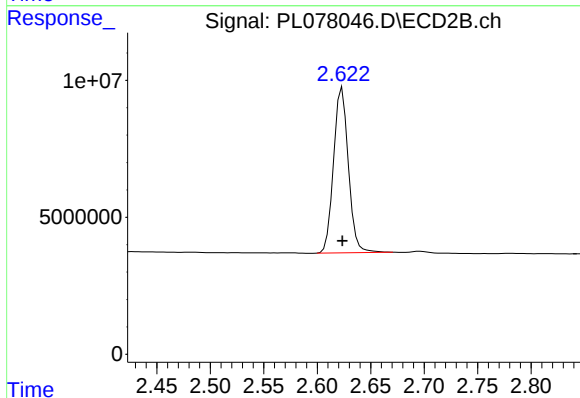
#1 Tetrachloro-m-xylene

R.T.: 3.415 min
Delta R.T.: 0.001 min
Response: 38713703
Conc: 20.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

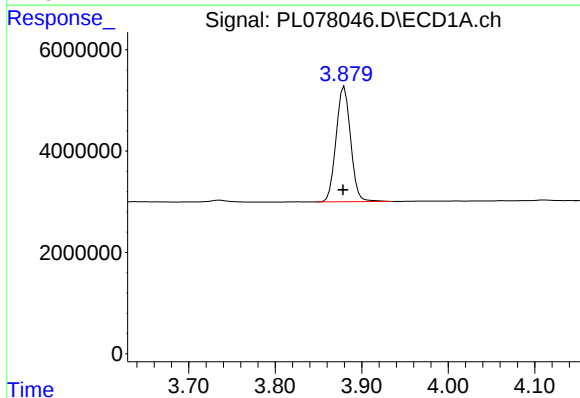
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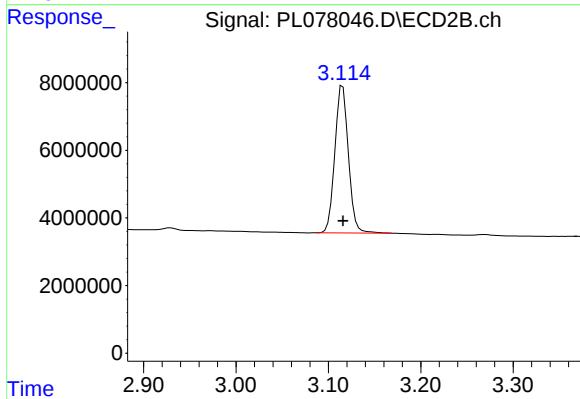
#1 Tetrachloro-m-xylene

R.T.: 2.623 min
Delta R.T.: 0.000 min
Response: 58235065
Conc: 20.72 ng/ml



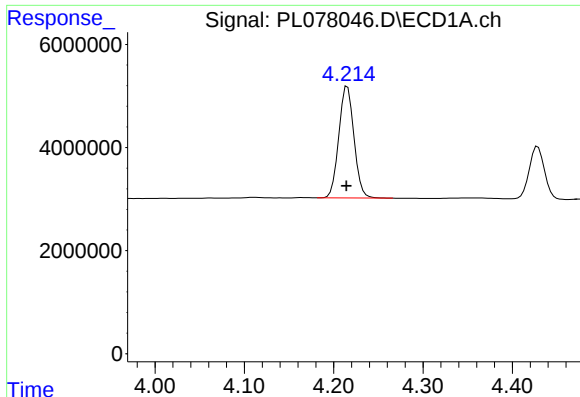
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: 0.002 min
Response: 26425000
Conc: 9.52 ng/ml



#2 alpha-BHC

R.T.: 3.116 min
Delta R.T.: 0.000 min
Response: 44366110
Conc: 10.17 ng/ml



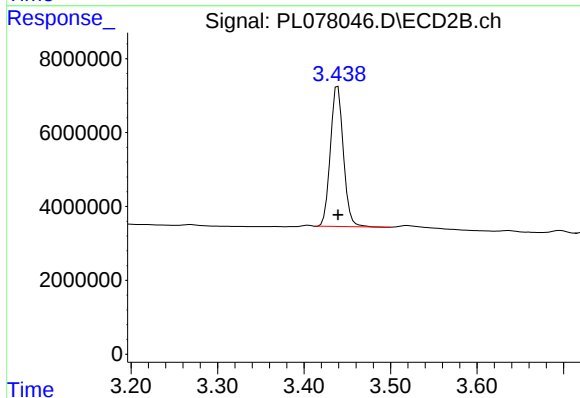
#3 gamma-BHC (Lindane)

R.T.: 4.215 min
Delta R.T.: 0.001 min
Response: 25548783
Conc: 9.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

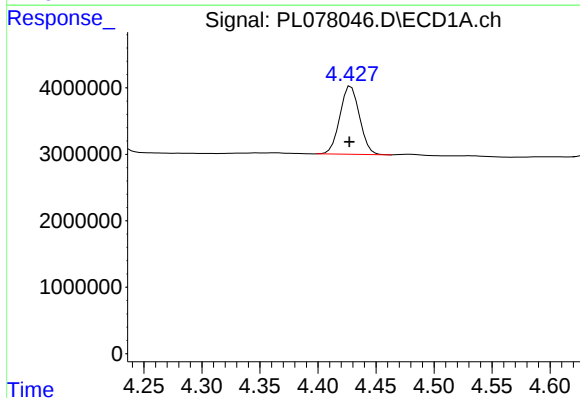
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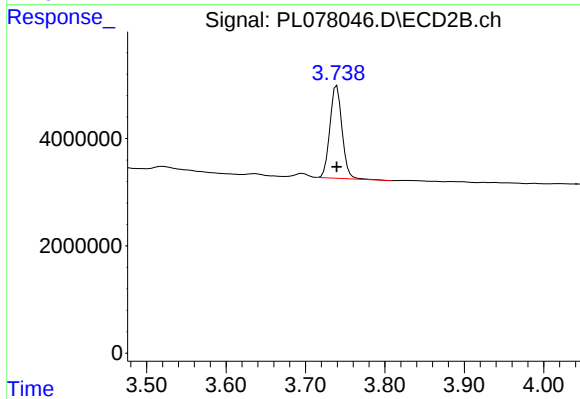
#3 gamma-BHC (Lindane)

R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 39502318
Conc: 10.31 ng/ml



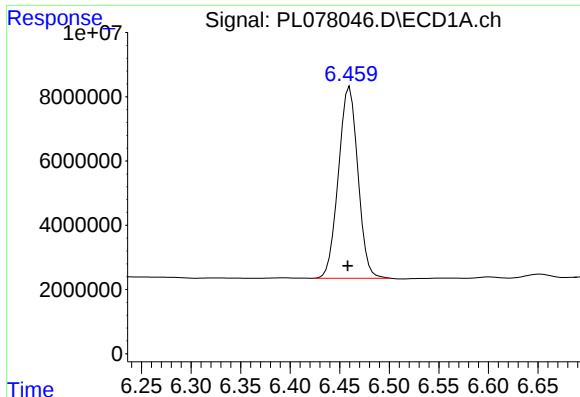
#6 beta-BHC

R.T.: 4.428 min
Delta R.T.: 0.001 min
Response: 12063354
Conc: 10.52 ng/ml



#6 beta-BHC

R.T.: 3.740 min
Delta R.T.: 0.000 min
Response: 18349835
Conc: 11.48 ng/ml



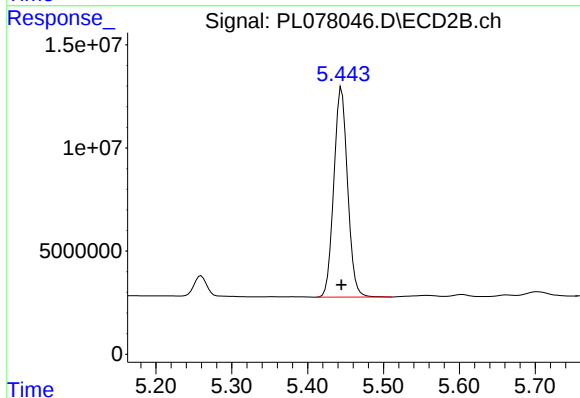
#14 Endrin

R.T.: 6.460 min
Delta R.T.: 0.002 min
Response: 81479523
Conc: 47.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

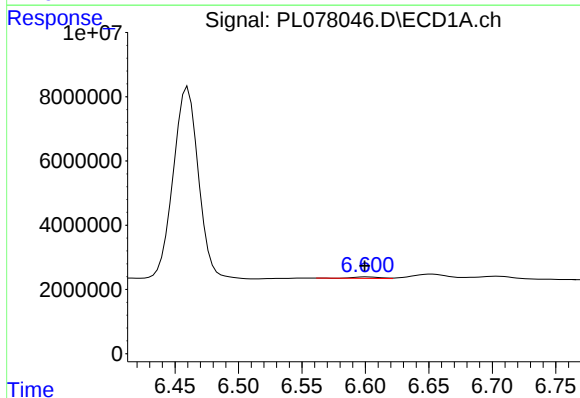
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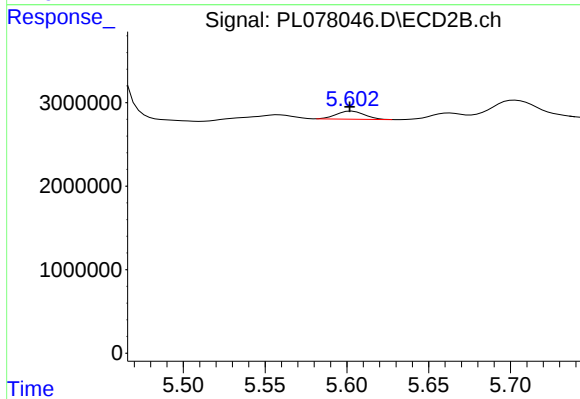
#14 Endrin

R.T.: 5.445 min
Delta R.T.: 0.000 min
Response: 127983510
Conc: 49.24 ng/ml



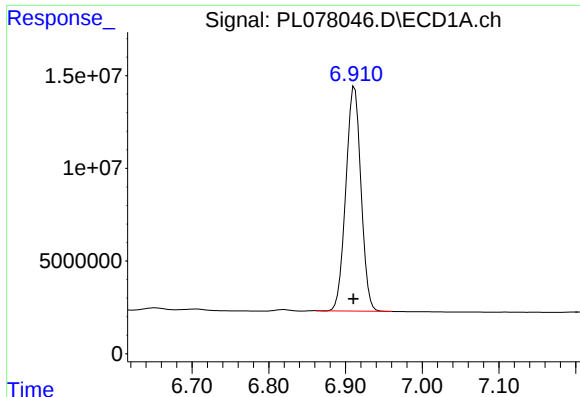
#16 4,4'-DDD

R.T.: 6.601 min
Delta R.T.: 0.002 min
Response: 683676
Conc: 0.47 ng/ml



#16 4,4'-DDD

R.T.: 5.602 min
Delta R.T.: 0.000 min
Response: 1143361
Conc: 0.48 ng/ml m



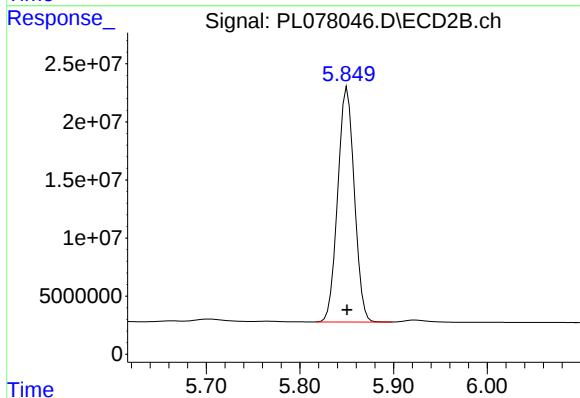
#17 4,4'-DDT

R.T.: 6.912 min
Delta R.T.: 0.002 min
Response: 167024507
Conc: 100.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

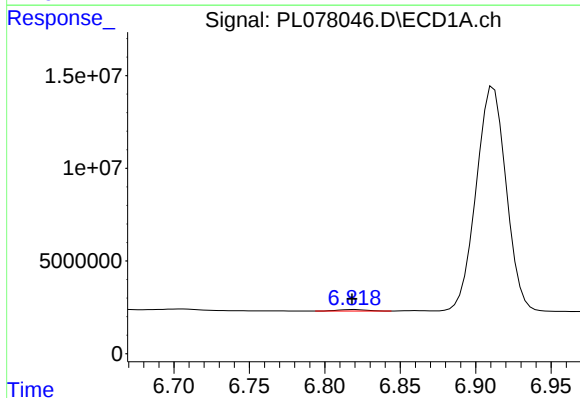
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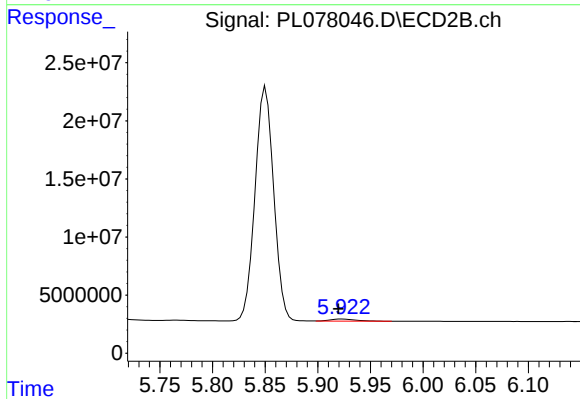
#17 4,4'-DDT

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 248955468
Conc: 102.02 ng/ml



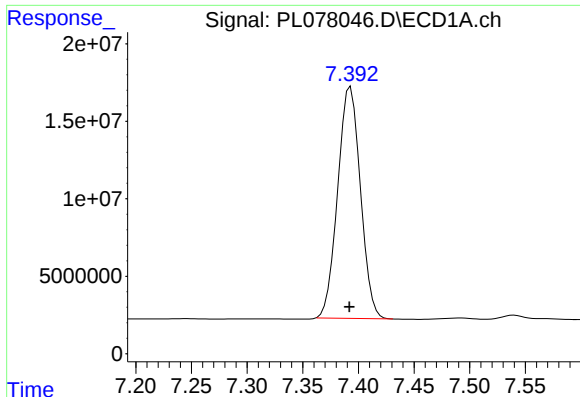
#18 Endrin aldehyde

R.T.: 6.819 min
Delta R.T.: 0.001 min
Response: 1066931
Conc: 0.83 ng/ml



#18 Endrin aldehyde

R.T.: 5.923 min
Delta R.T.: 0.004 min
Response: 2977069
Conc: 1.51 ng/ml



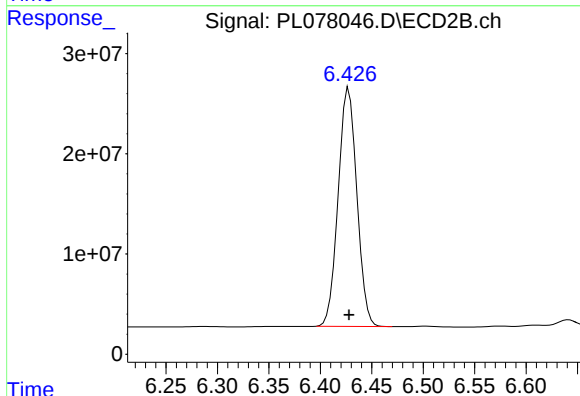
#20 Methoxychlor

R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 212325496
Conc: 257.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

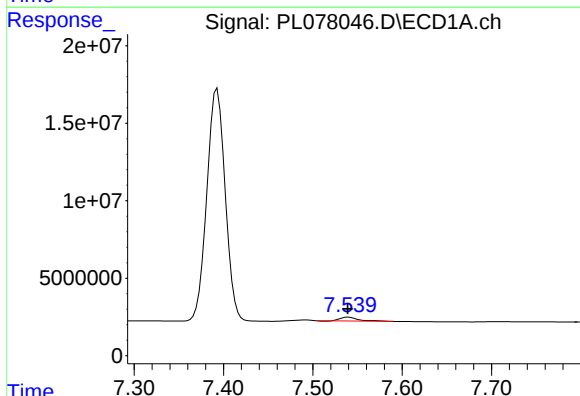
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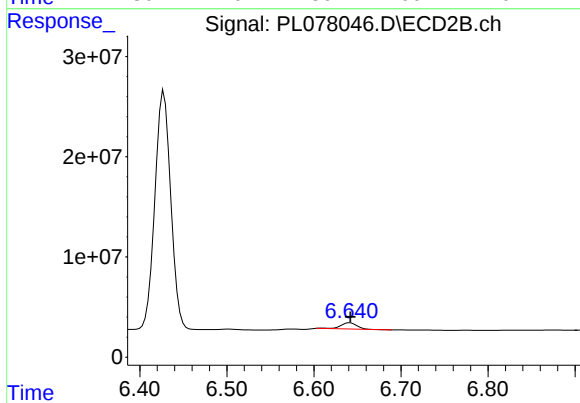
#20 Methoxychlor

R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 301051289
Conc: 233.36 ng/ml



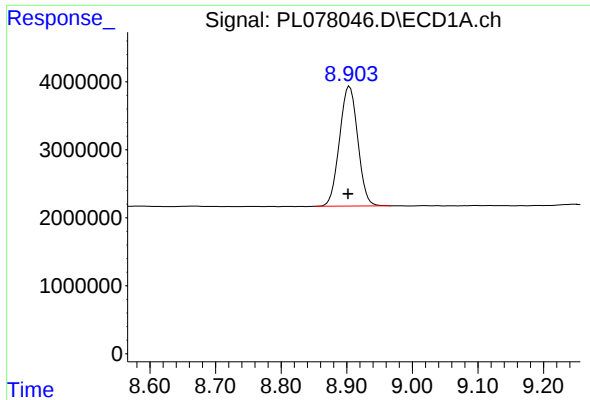
#21 Endrin ketone

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 3385738
Conc: 2.02 ng/ml



#21 Endrin ketone

R.T.: 6.641 min
Delta R.T.: 0.000 min
Response: 7742791
Conc: 2.82 ng/ml



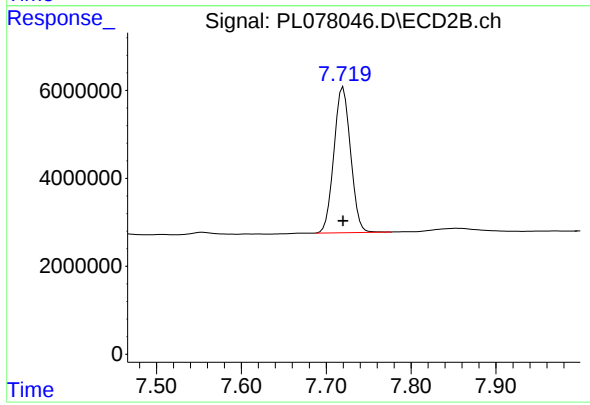
#28 Decachlorobiphenyl

R.T.: 8.904 min
Delta R.T.: 0.003 min
Response: 34091148
Conc: 21.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.720 min
Delta R.T.: 0.000 min
Response: 45136688
Conc: 20.80 ng/ml