

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121522\
 Data File : PL079724.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2022 09:00
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/16/2022
 Supervised By :Ankita Jodhani 12/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 15 20:57:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112322.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 24 00:09:49 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...	3.317	2.563	50194166	60030081	22.219	22.054
28)	SA Decachlor...	8.769	7.632	42146209	48899374	21.701	20.815
Target Compounds							
2)	A alpha-BHC	3.777	3.050	35090810	46834757	10.205	10.861
3)	MA gamma-BHC...	4.110	3.370	34500397	42934971	10.646	11.027
6)	B beta-BHC	4.327	3.671	16430900	19901297	11.637	13.135
12)	B 4,4'-DDE	5.968	4.970	684937	529666	0.274	0.173m#
14)	MA Endrin	6.346	5.361	123.2E6	152.6E6	50.920	50.438
16)	A 4,4'-DDD	6.494	5.522	6159020	8605972	3.104	3.440
17)	MA 4,4'-DDT	6.805	5.768	245.5E6	285.9E6	108.218	109.392
18)	B Endrin al...	6.708	5.838	3401383	5972332	1.878	2.806 #
20)	A Methoxychlor	7.289	6.345	311.0E6	348.8E6	257.766	256.659
21)	B Endrin ke...	7.427	6.555	7767816	12430168	3.148	4.036 #

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

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Operator : AR\AJ
Sample : PEM
Misc :
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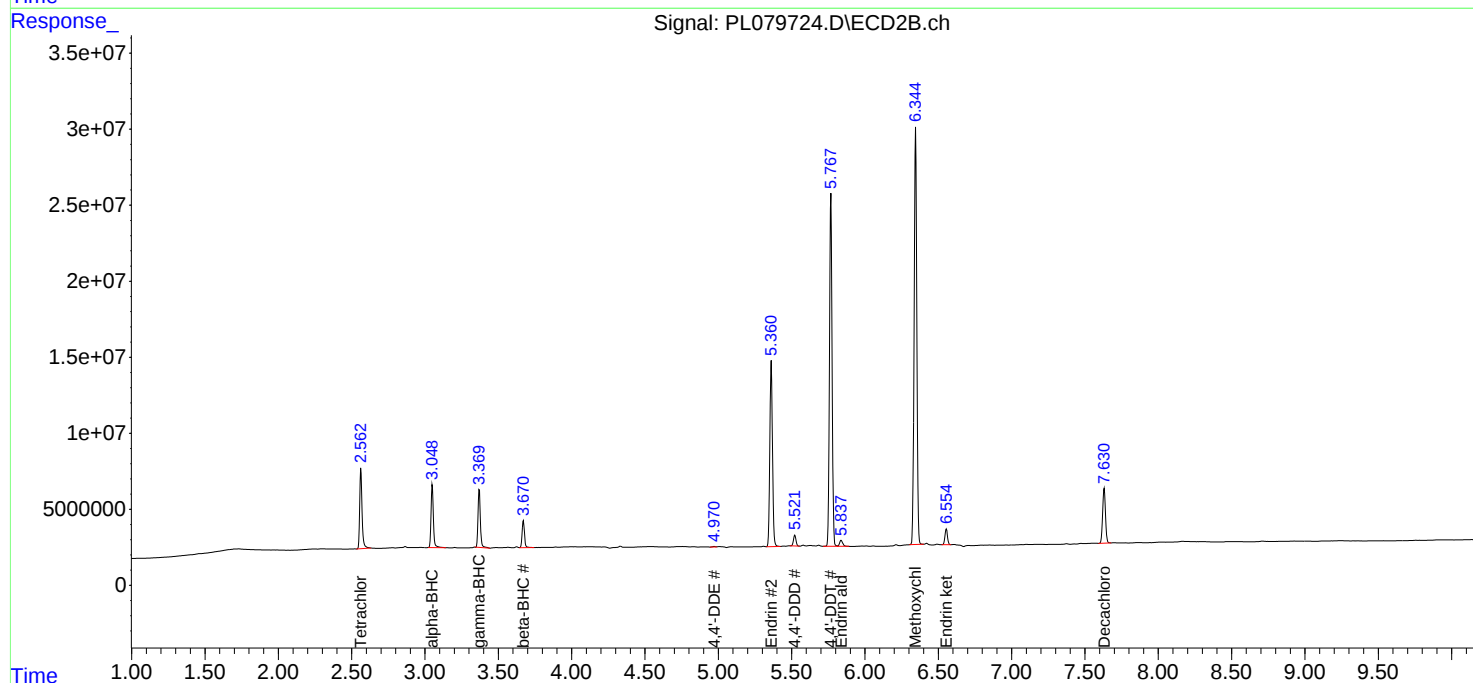
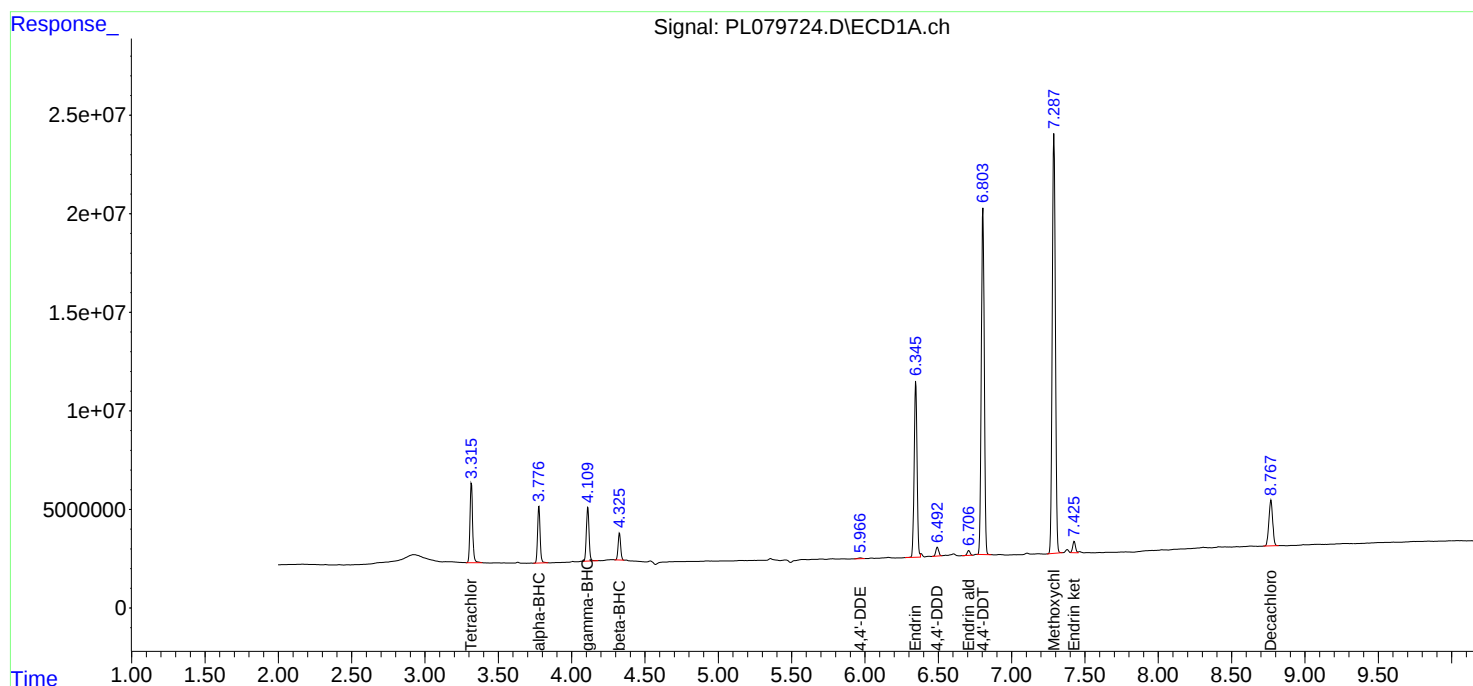
Instrument :
ECD_L
ClientSampleId :
PEM

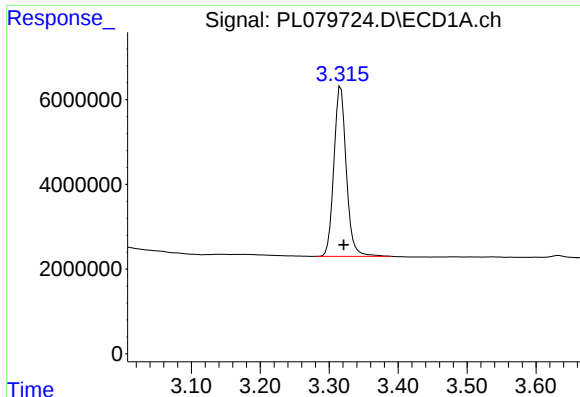
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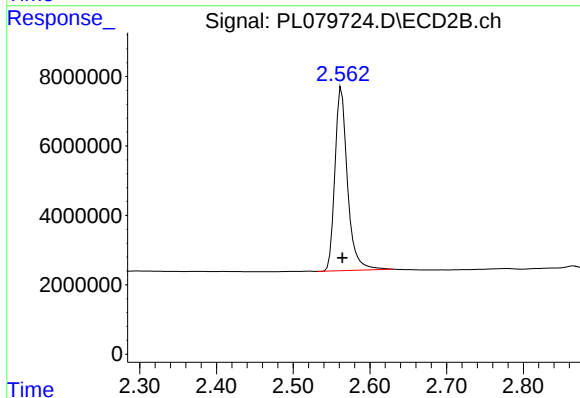
#1 Tetrachloro-m-xylene

R.T.: 3.317 min
Delta R.T.: -0.004 min
Response: 50194166
Conc: 22.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

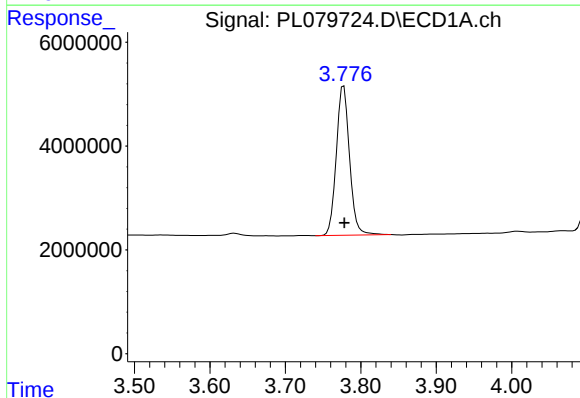
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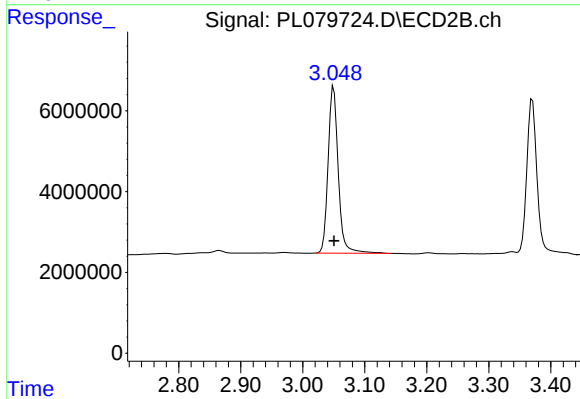
#1 Tetrachloro-m-xylene

R.T.: 2.563 min
Delta R.T.: -0.002 min
Response: 60030081
Conc: 22.05 ng/ml



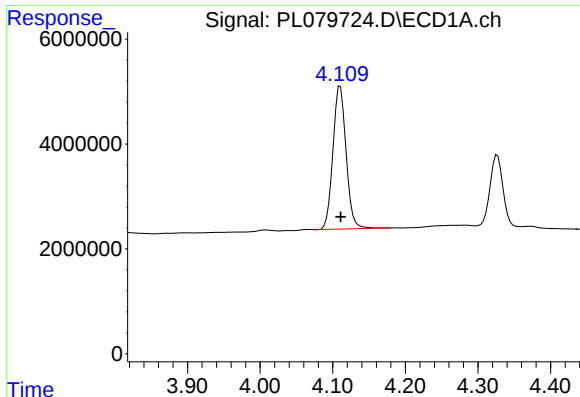
#2 alpha-BHC

R.T.: 3.777 min
Delta R.T.: 0.000 min
Response: 35090810
Conc: 10.20 ng/ml



#2 alpha-BHC

R.T.: 3.050 min
Delta R.T.: 0.000 min
Response: 46834757
Conc: 10.86 ng/ml



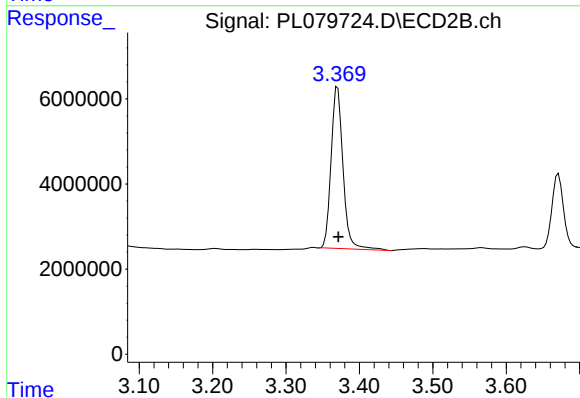
#3 gamma-BHC (Lindane)

R.T.: 4.110 min
Delta R.T.: 0.000 min
Response: 34500397
Conc: 10.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

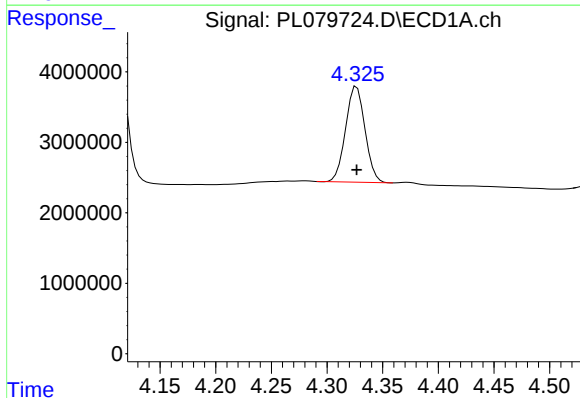
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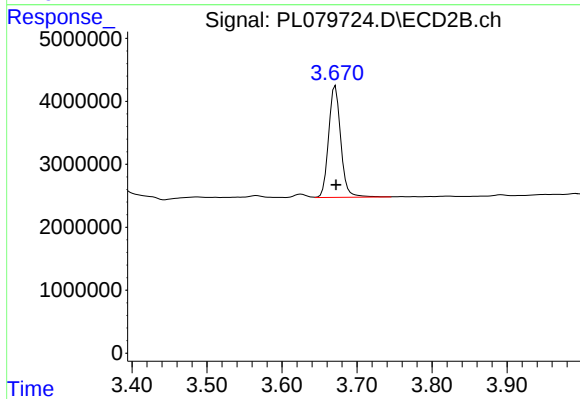
#3 gamma-BHC (Lindane)

R.T.: 3.370 min
Delta R.T.: 0.000 min
Response: 42934971
Conc: 11.03 ng/ml



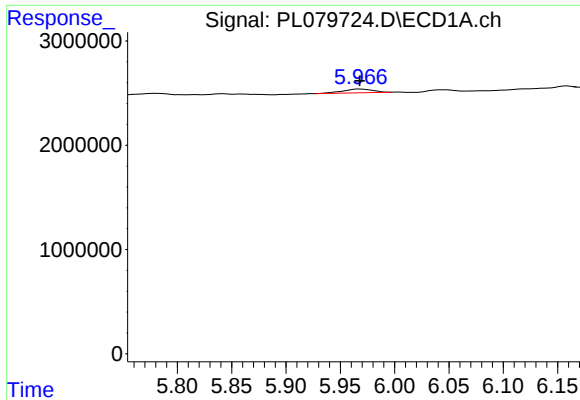
#6 beta-BHC

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 16430900
Conc: 11.64 ng/ml



#6 beta-BHC

R.T.: 3.671 min
Delta R.T.: 0.000 min
Response: 19901297
Conc: 13.13 ng/ml



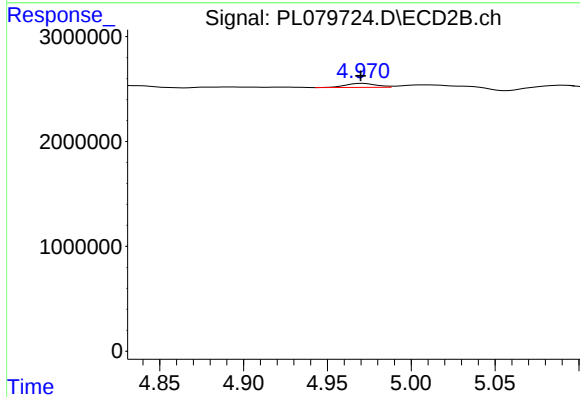
#12 4,4'-DDE

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 684937
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

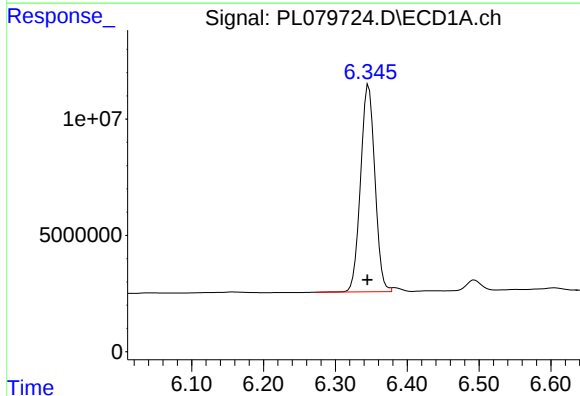
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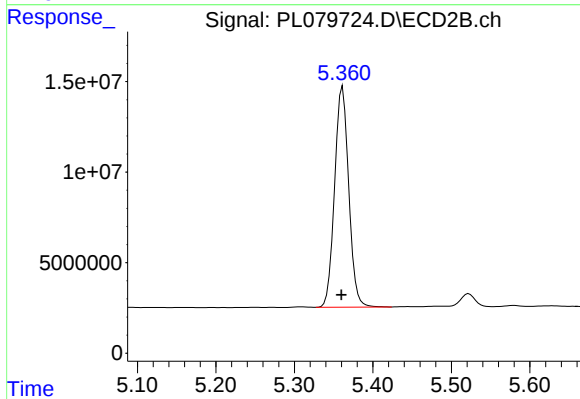
#12 4,4'-DDE

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 529666
Conc: 0.17 ng/ml m



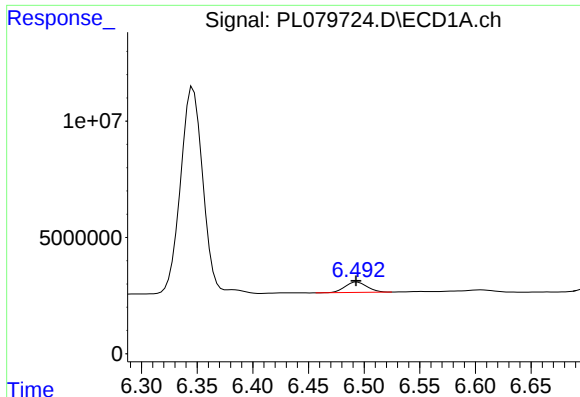
#14 Endrin

R.T.: 6.346 min
Delta R.T.: 0.002 min
Response: 123185499
Conc: 50.92 ng/ml



#14 Endrin

R.T.: 5.361 min
Delta R.T.: 0.001 min
Response: 152559920
Conc: 50.44 ng/ml



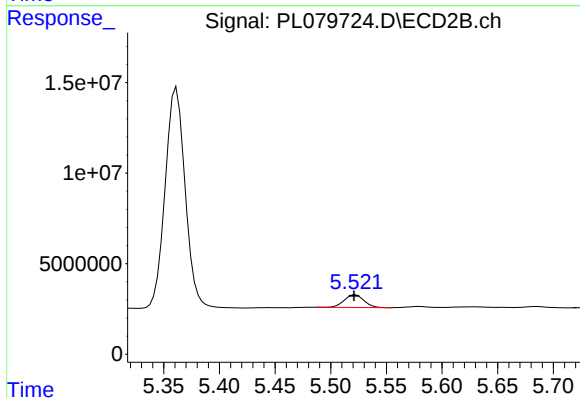
#16 4,4'-DDD

R.T.: 6.494 min
Delta R.T.: 0.001 min
Response: 6159020
Conc: 3.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

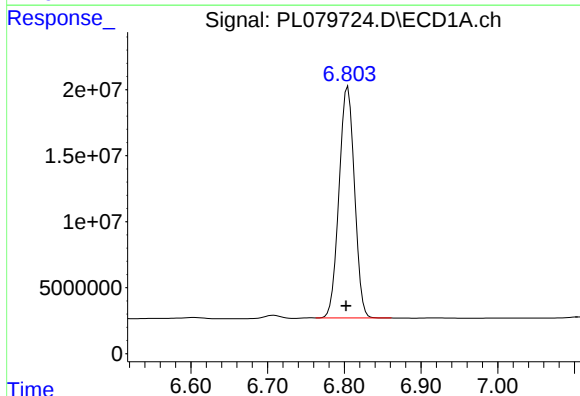
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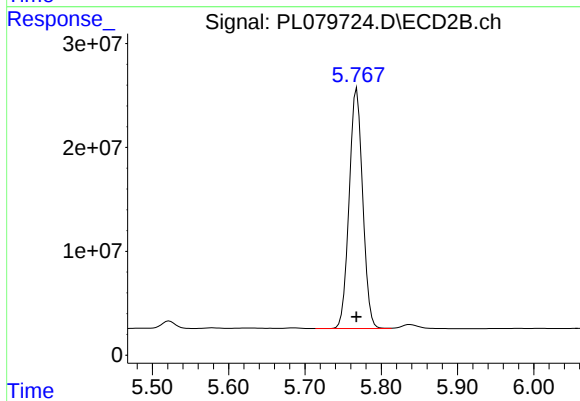
#16 4,4'-DDD

R.T.: 5.522 min
Delta R.T.: 0.001 min
Response: 8605972
Conc: 3.44 ng/ml



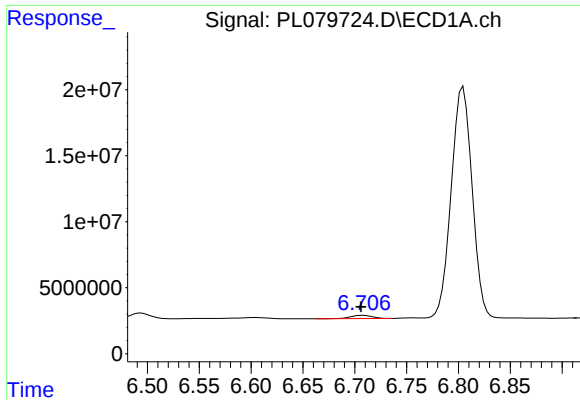
#17 4,4'-DDT

R.T.: 6.805 min
Delta R.T.: 0.002 min
Response: 245476939
Conc: 108.22 ng/ml



#17 4,4'-DDT

R.T.: 5.768 min
Delta R.T.: 0.000 min
Response: 285905497
Conc: 109.39 ng/ml



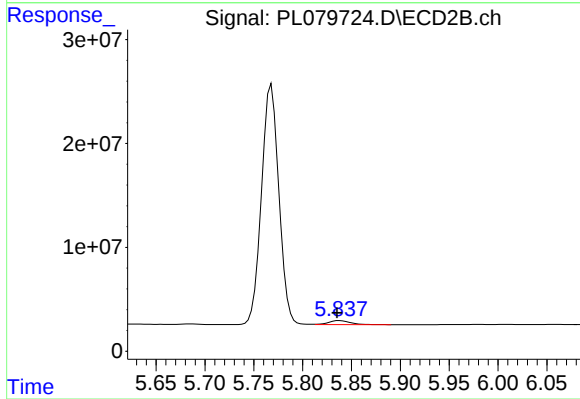
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: 0.002 min
Response: 3401383
Conc: 1.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

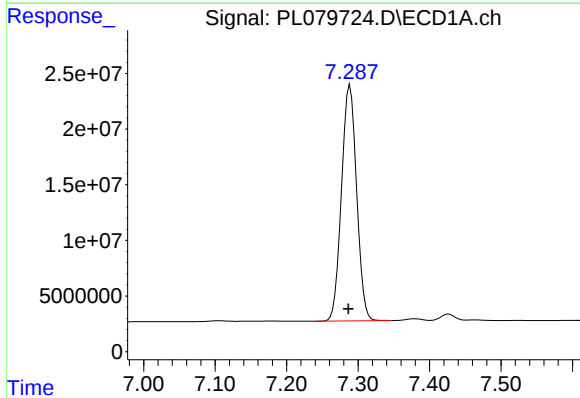
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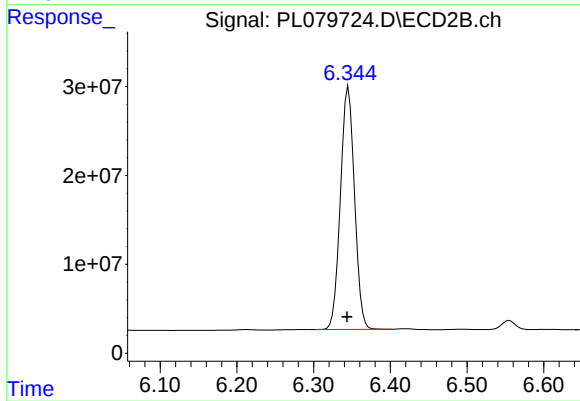
#18 Endrin aldehyde

R.T.: 5.838 min
Delta R.T.: 0.002 min
Response: 5972332
Conc: 2.81 ng/ml



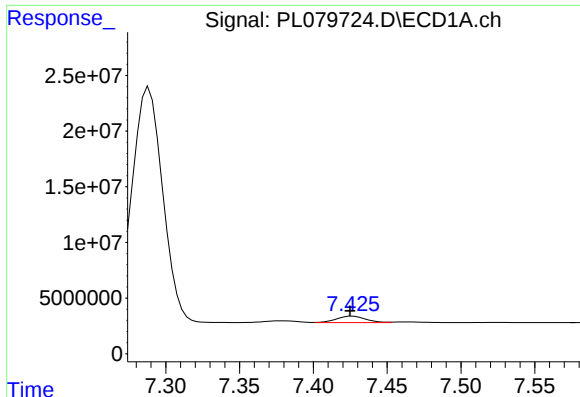
#20 Methoxychlor

R.T.: 7.289 min
Delta R.T.: 0.002 min
Response: 310965894
Conc: 257.77 ng/ml



#20 Methoxychlor

R.T.: 6.345 min
Delta R.T.: 0.002 min
Response: 348843275
Conc: 256.66 ng/ml



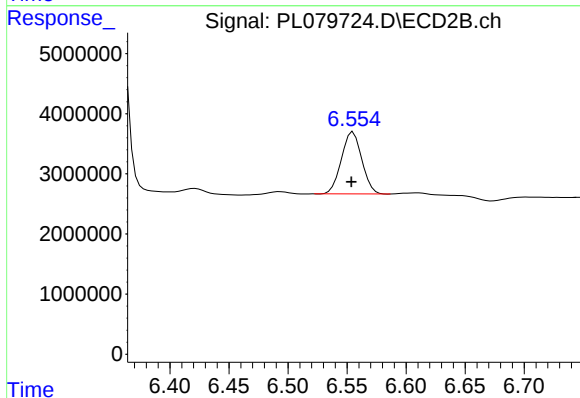
#21 Endrin ketone

R.T.: 7.427 min
Delta R.T.: 0.002 min
Response: 7767816
Conc: 3.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

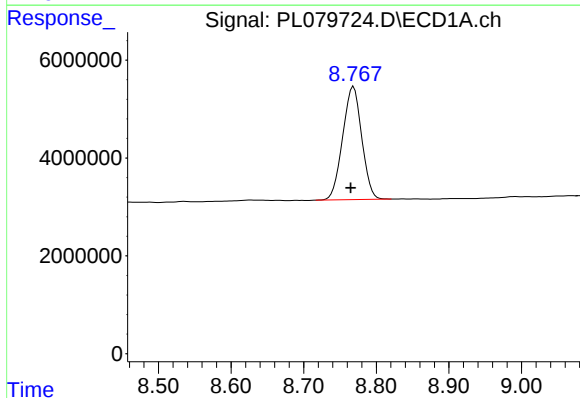
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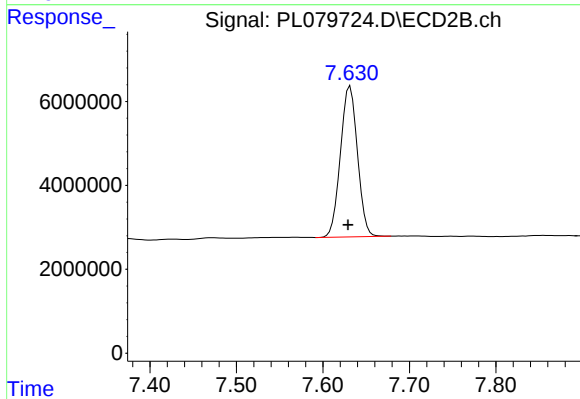
#21 Endrin ketone

R.T.: 6.555 min
Delta R.T.: 0.002 min
Response: 12430168
Conc: 4.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.769 min
Delta R.T.: 0.004 min
Response: 42146209
Conc: 21.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.632 min
Delta R.T.: 0.002 min
Response: 48899374
Conc: 20.81 ng/ml