

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120922\
 Data File : PL079648.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Dec 2022 09:01
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 09 23:51:02 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...	3.319	2.566	53991737	64470722	23.900	23.685
28)	SA Decachlor...	8.768	7.633	43873711	52132014	22.591	22.191
Target Compounds							
2)	A alpha-BHC	3.780	3.053	37414309	50725375	10.880	11.764
3)	MA gamma-BHC...	4.112	3.373	36664581	45476730	11.313	11.680
6)	B beta-BHC	4.328	3.675	17264017	20388187	12.227	13.456
12)	B 4,4'-DDE	5.969	4.973	583959	444959	0.234	0.145m#
14)	MA Endrin	6.347	5.363	133.8E6	160.3E6	55.310	52.997
16)	A 4,4'-DDD	6.495	5.524	10524648	14538283	5.305	5.812
17)	MA 4,4'-DDT	6.804	5.770	246.4E6	284.6E6	108.603	108.895
18)	B Endrin al...	6.709	5.840	3249250	5839377	1.794	2.744 #
20)	A Methoxychlor	7.289	6.347	316.8E6	335.1E6	262.622	246.569
21)	B Endrin ke...	7.427	6.558	9207119	14819160	3.732	4.812 #

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

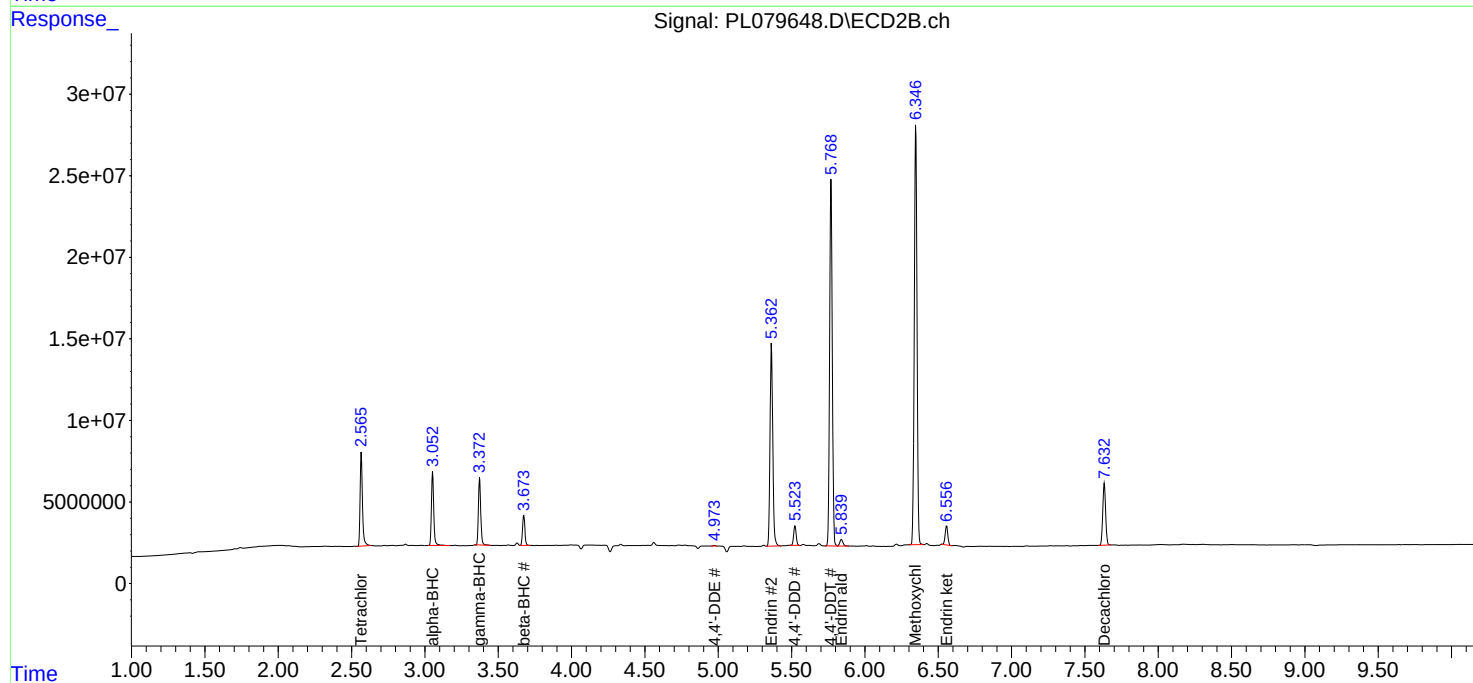
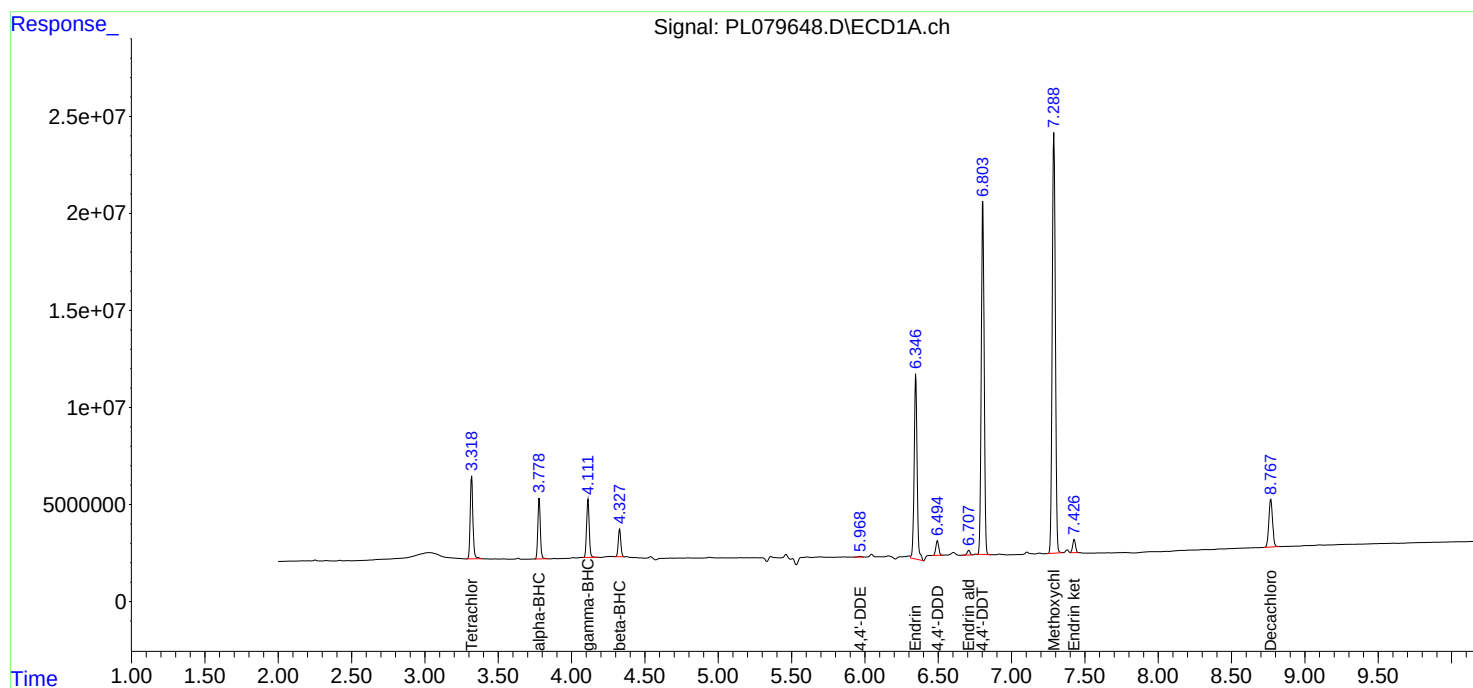
Instrument :
ECD_L
ClientSampleId :
PEM

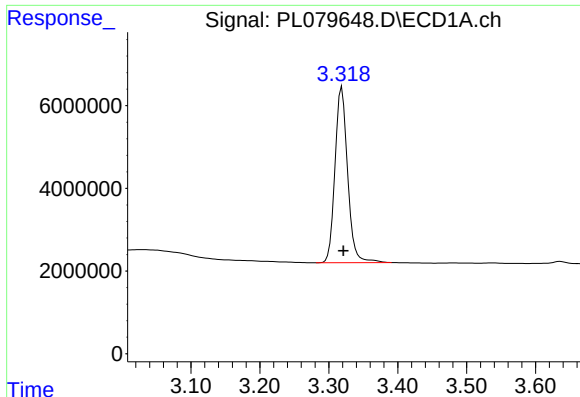
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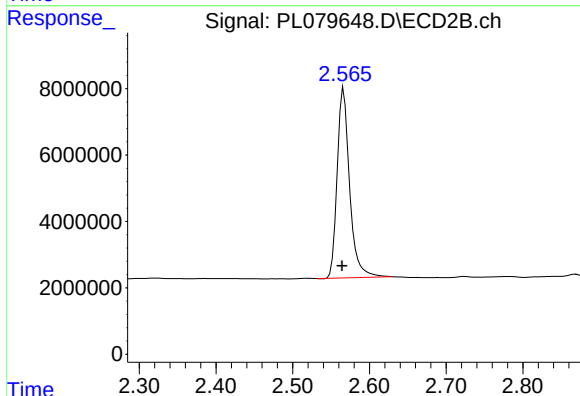
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.002 min
Response: 53991737
Conc: 23.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

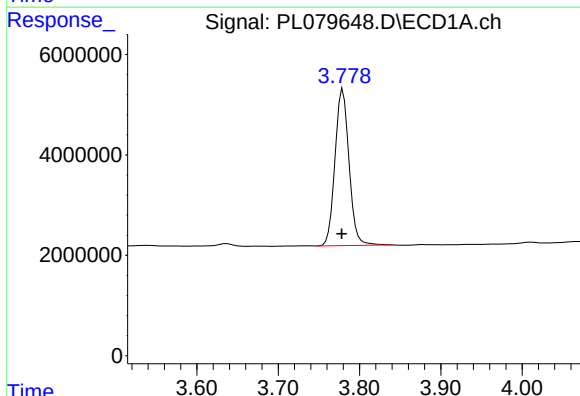
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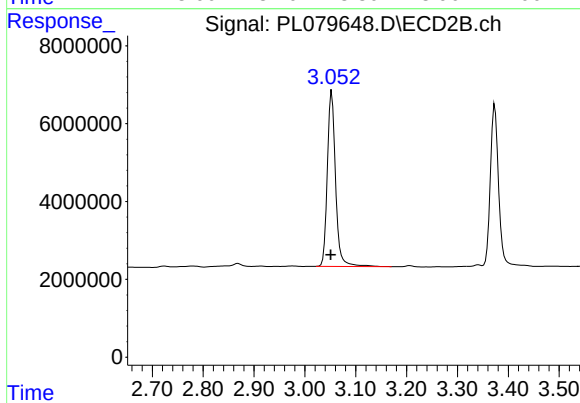
#1 Tetrachloro-m-xylene

R.T.: 2.566 min
Delta R.T.: 0.002 min
Response: 64470722
Conc: 23.68 ng/ml



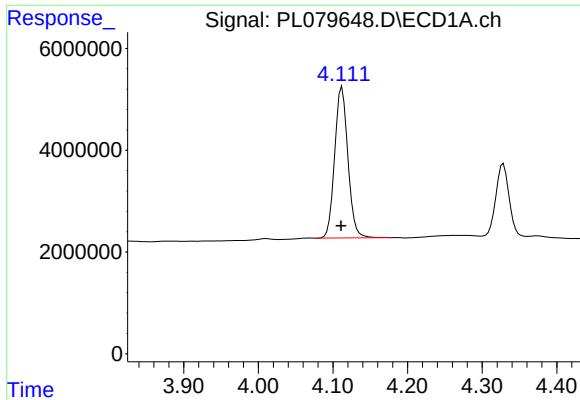
#2 alpha-BHC

R.T.: 3.780 min
Delta R.T.: 0.001 min
Response: 37414309
Conc: 10.88 ng/ml



#2 alpha-BHC

R.T.: 3.053 min
Delta R.T.: 0.002 min
Response: 50725375
Conc: 11.76 ng/ml



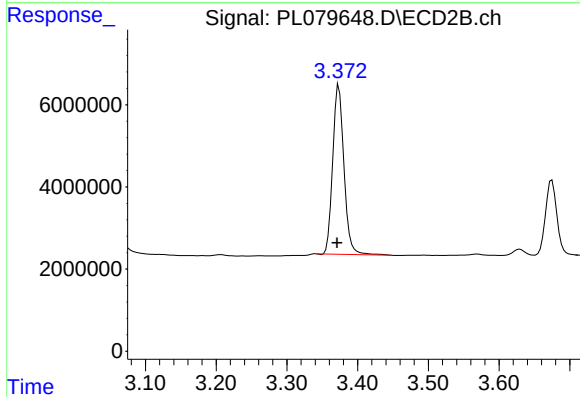
#3 gamma-BHC (Lindane)

R.T.: 4.112 min
Delta R.T.: 0.001 min
Response: 36664581
Conc: 11.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

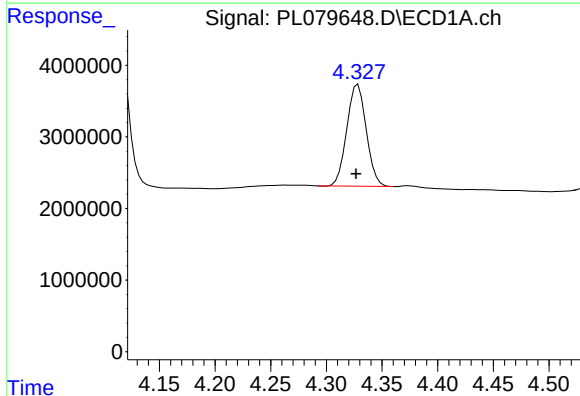
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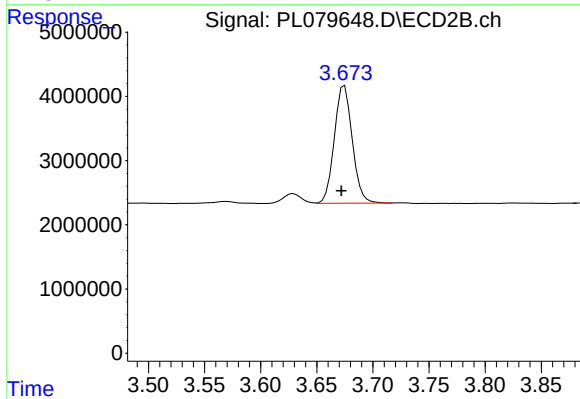
#3 gamma-BHC (Lindane)

R.T.: 3.373 min
Delta R.T.: 0.002 min
Response: 45476730
Conc: 11.68 ng/ml



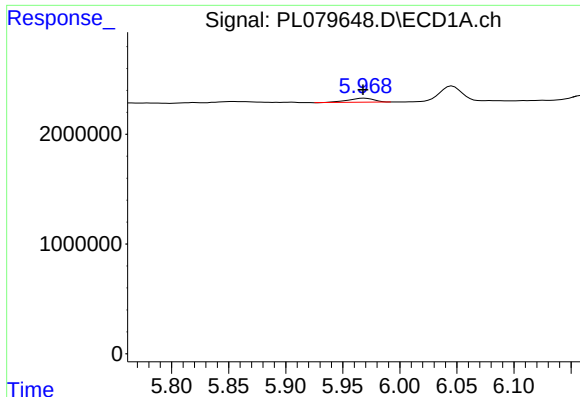
#6 beta-BHC

R.T.: 4.328 min
Delta R.T.: 0.002 min
Response: 17264017
Conc: 12.23 ng/ml



#6 beta-BHC

R.T.: 3.675 min
Delta R.T.: 0.003 min
Response: 20388187
Conc: 13.46 ng/ml



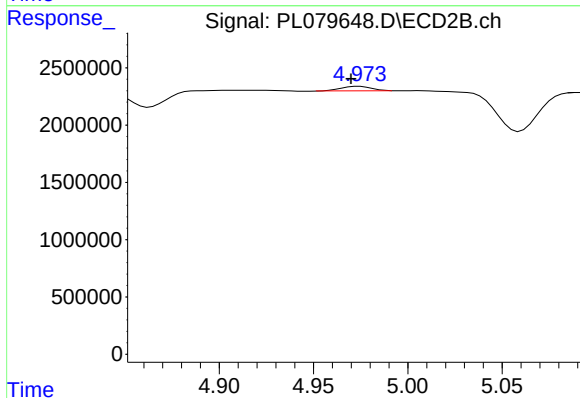
#12 4,4'-DDE

R.T.: 5.969 min
Delta R.T.: 0.001 min
Response: 583959
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

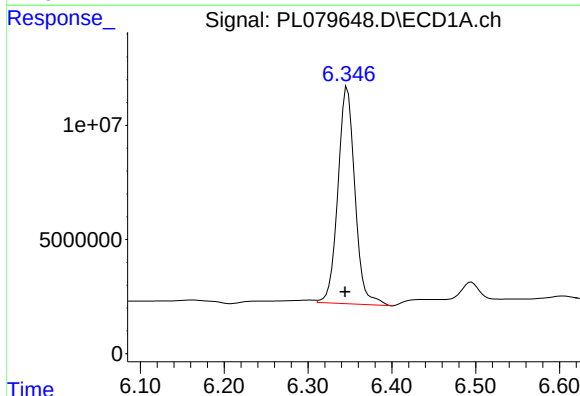
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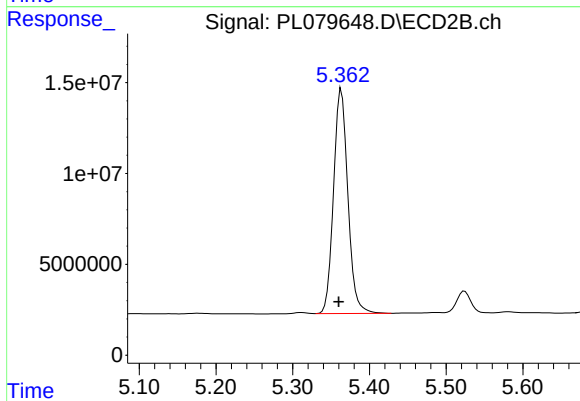
#12 4,4'-DDE

R.T.: 4.973 min
Delta R.T.: 0.003 min
Response: 444959
Conc: 0.15 ng/ml m



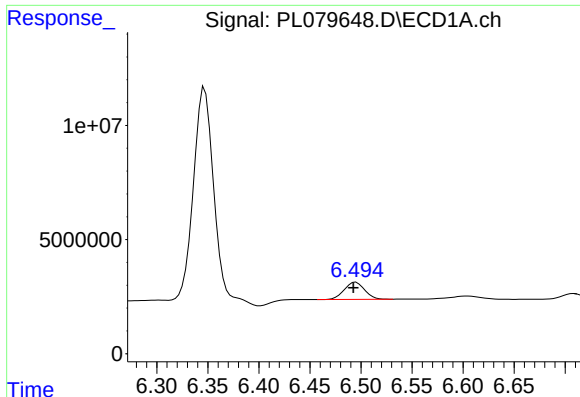
#14 Endrin

R.T.: 6.347 min
Delta R.T.: 0.002 min
Response: 133805694
Conc: 55.31 ng/ml



#14 Endrin

R.T.: 5.363 min
Delta R.T.: 0.003 min
Response: 160302356
Conc: 53.00 ng/ml



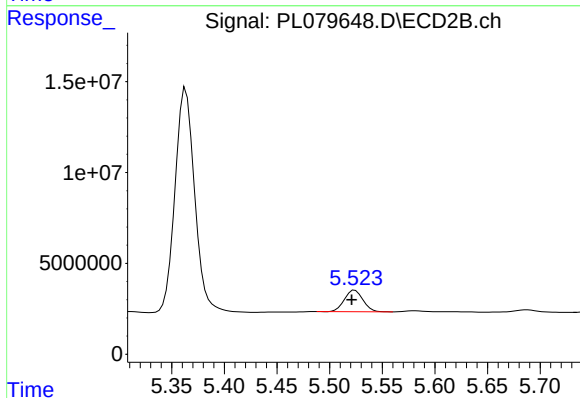
#16 4,4'-DDD

R.T.: 6.495 min
Delta R.T.: 0.002 min
Response: 10524648
Conc: 5.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

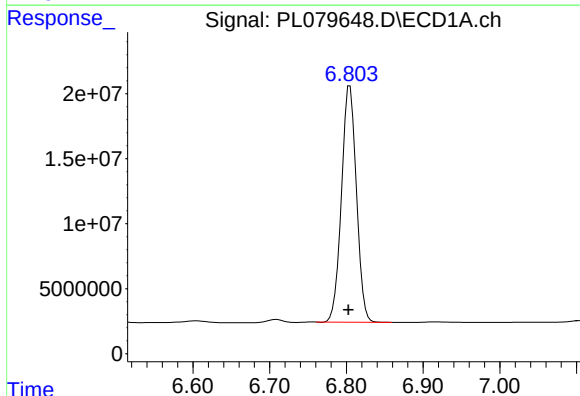
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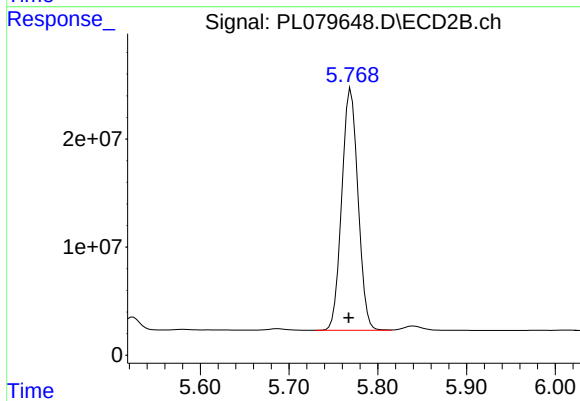
#16 4,4'-DDD

R.T.: 5.524 min
Delta R.T.: 0.003 min
Response: 14538283
Conc: 5.81 ng/ml



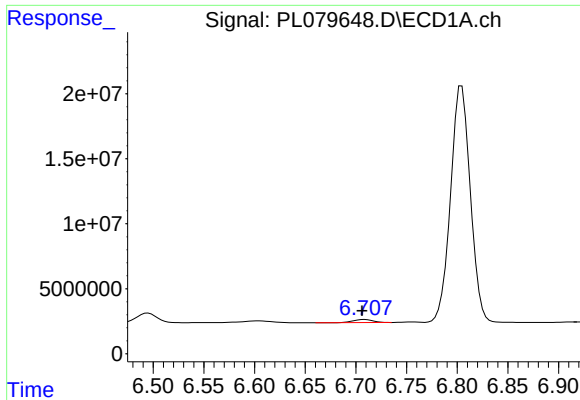
#17 4,4'-DDT

R.T.: 6.804 min
Delta R.T.: 0.002 min
Response: 246351905
Conc: 108.60 ng/ml



#17 4,4'-DDT

R.T.: 5.770 min
Delta R.T.: 0.002 min
Response: 284607045
Conc: 108.90 ng/ml



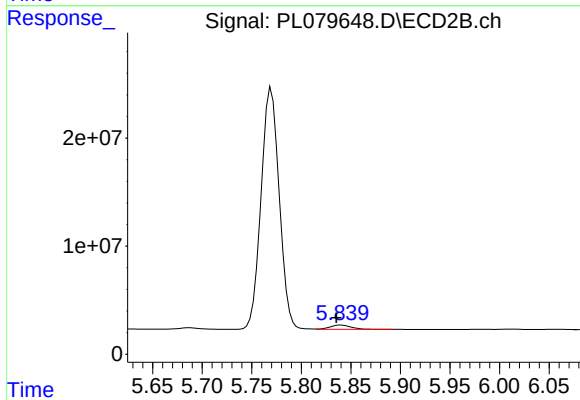
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: 0.003 min
Response: 3249250
Conc: 1.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

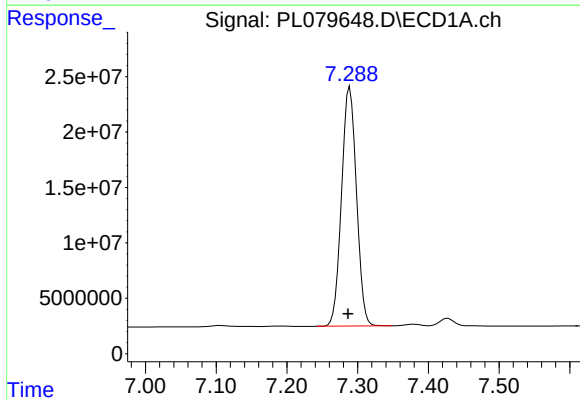
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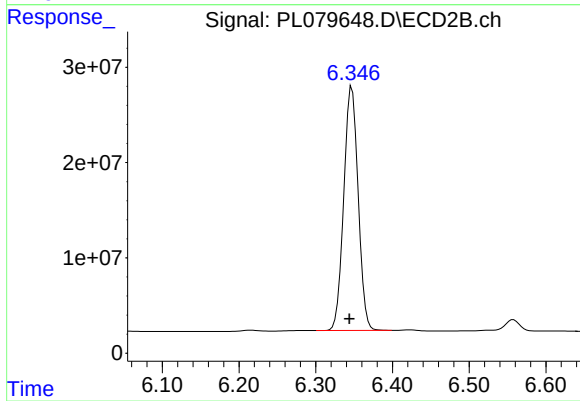
#18 Endrin aldehyde

R.T.: 5.840 min
Delta R.T.: 0.005 min
Response: 5839377
Conc: 2.74 ng/ml



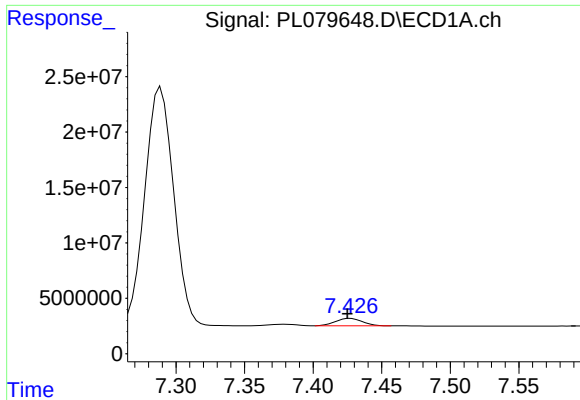
#20 Methoxychlor

R.T.: 7.289 min
Delta R.T.: 0.002 min
Response: 316824661
Conc: 262.62 ng/ml



#20 Methoxychlor

R.T.: 6.347 min
Delta R.T.: 0.003 min
Response: 335129187
Conc: 246.57 ng/ml



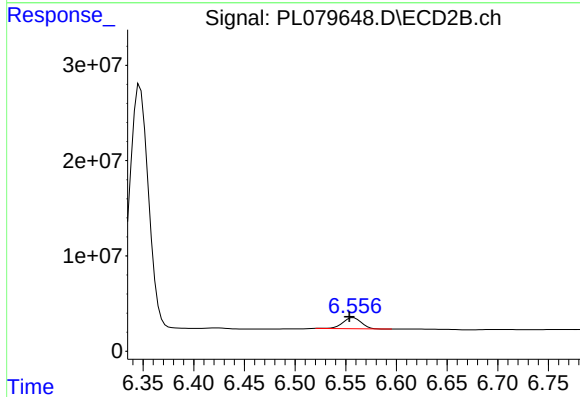
#21 Endrin ketone

R.T.: 7.427 min
Delta R.T.: 0.002 min
Response: 9207119
Conc: 3.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

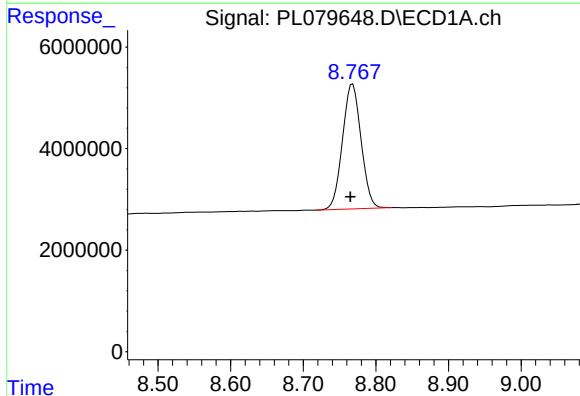
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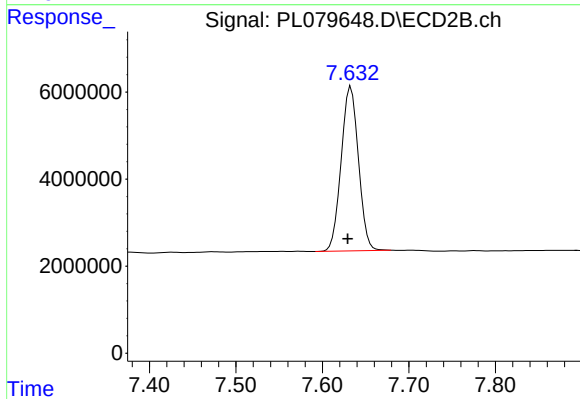
#21 Endrin ketone

R.T.: 6.558 min
Delta R.T.: 0.004 min
Response: 14819160
Conc: 4.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.768 min
Delta R.T.: 0.003 min
Response: 43873711
Conc: 22.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.633 min
Delta R.T.: 0.004 min
Response: 52132014
Conc: 22.19 ng/ml