

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112222\
 Data File : PL079375.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2022 17:13
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/23/2022
 Supervised By : Ankita Jodhani 11/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 20:54:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL111622.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 16 15:31:11 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	42016476	51422631	20.177	20.191
28)	SA Decachlor...	8.766	7.630	33517858	39515658	20.038	19.049
Target Compounds							
2)	A alpha-BHC	3.779	3.052	29513088	40438670	9.366	10.001
3)	MA gamma-BHC...	4.112	3.372	29231948	35978442	9.739	10.141
6)	B beta-BHC	4.327	3.673	13467025	16913106	10.241	12.099
12)	B 4,4'-DDE	5.965	4.970	404966	286052	0.177m	0.100m#
14)	MA Endrin	6.346	5.361	98552002	121.6E6	44.537	46.566
16)	A 4,4'-DDD	6.493	5.522	9163553	12565613	5.218	5.373
17)	MA 4,4'-DDT	6.803	5.768	181.8E6	222.7E6	87.227	91.240
18)	B Endrin al...	6.706	5.837	2958894	5489460	1.851	2.630 #
20)	A Methoxychlor	7.288	6.345	239.9E6	274.8E6	225.010	208.048
21)	B Endrin ke...	7.426	6.555	8021793	14446215	3.853	5.107 #

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

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Acq On : 22 Nov 2022 17:13
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

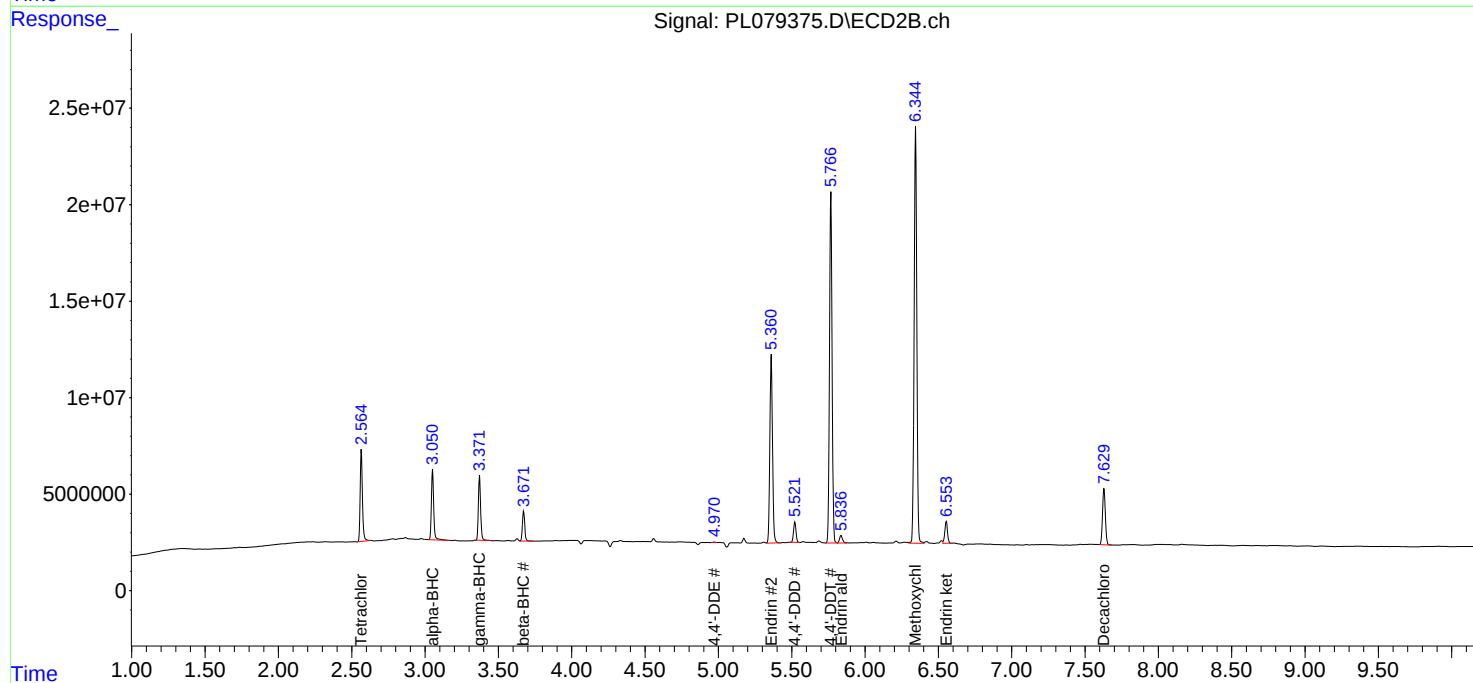
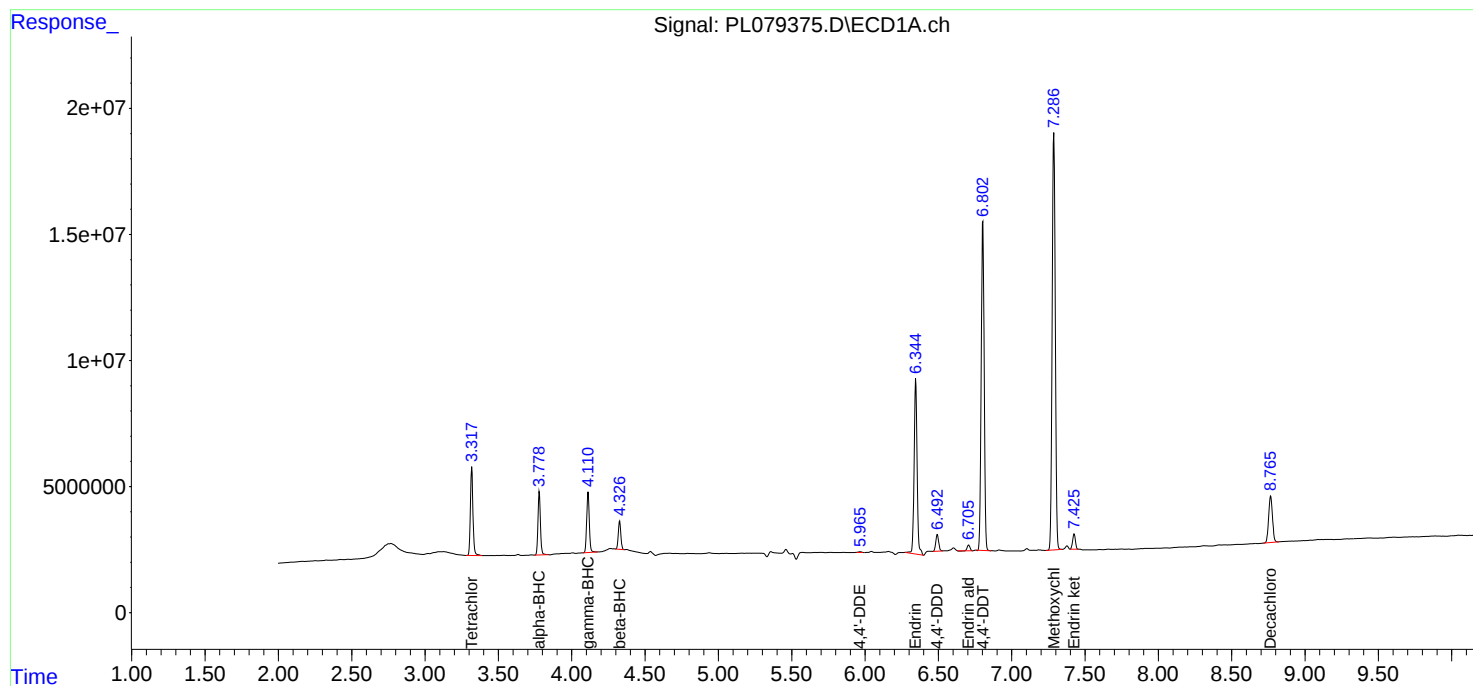
Instrument :
ECD_L
ClientSampleId :
PEM

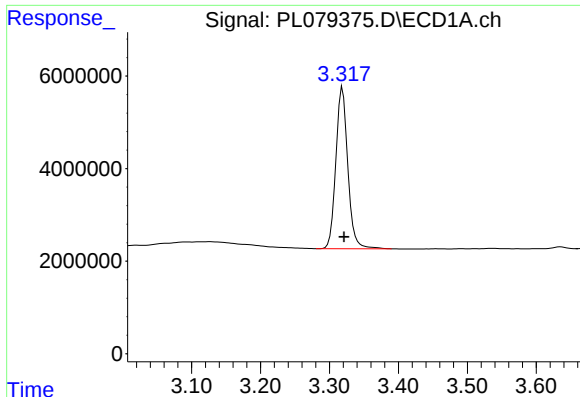
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Integration File signal 1: autoint1.e
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Volume Inj. : 1 µl
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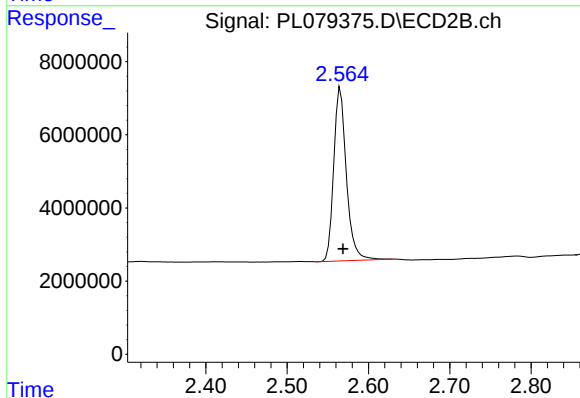
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.002 min
Response: 42016476
Conc: 20.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

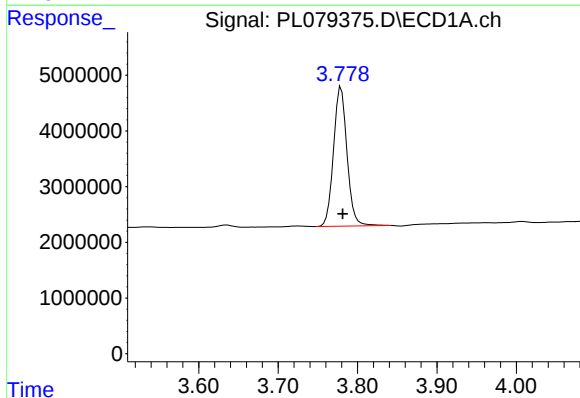
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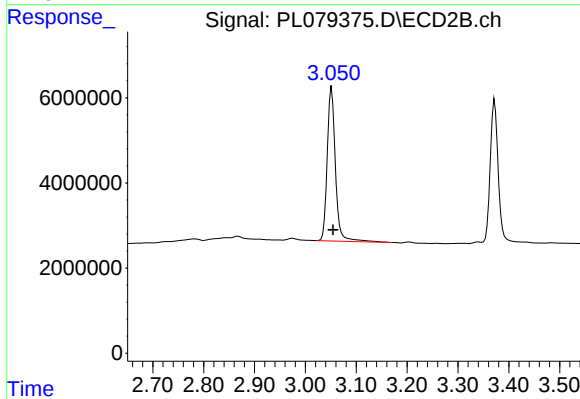
#1 Tetrachloro-m-xylene

R.T.: 2.566 min
Delta R.T.: -0.003 min
Response: 51422631
Conc: 20.19 ng/ml



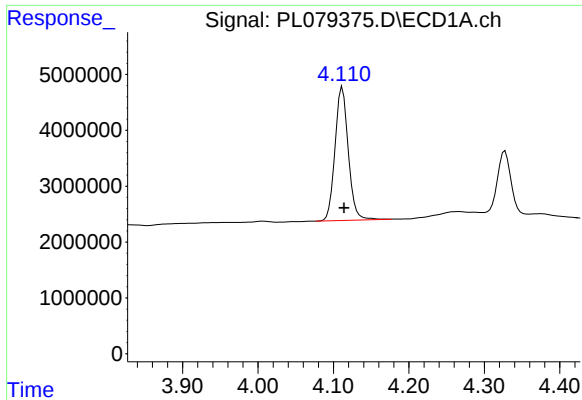
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: -0.002 min
Response: 29513088
Conc: 9.37 ng/ml



#2 alpha-BHC

R.T.: 3.052 min
Delta R.T.: -0.003 min
Response: 40438670
Conc: 10.00 ng/ml



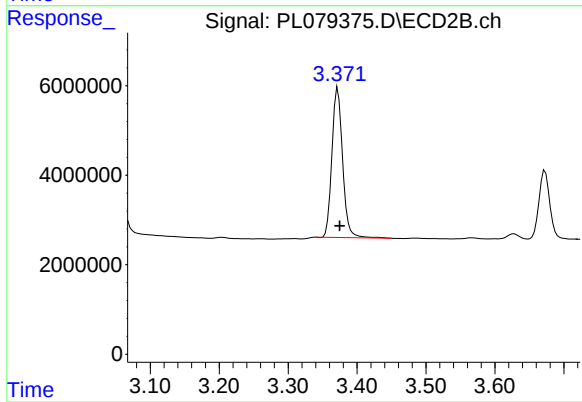
#3 gamma-BHC (Lindane)

R.T.: 4.112 min
Delta R.T.: -0.002 min
Response: 29231948
Conc: 9.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

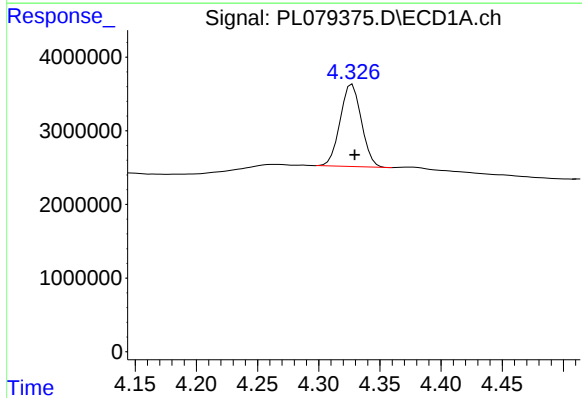
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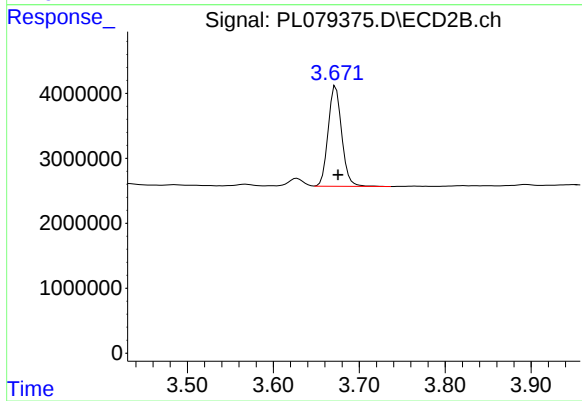
#3 gamma-BHC (Lindane)

R.T.: 3.372 min
Delta R.T.: -0.003 min
Response: 35978442
Conc: 10.14 ng/ml



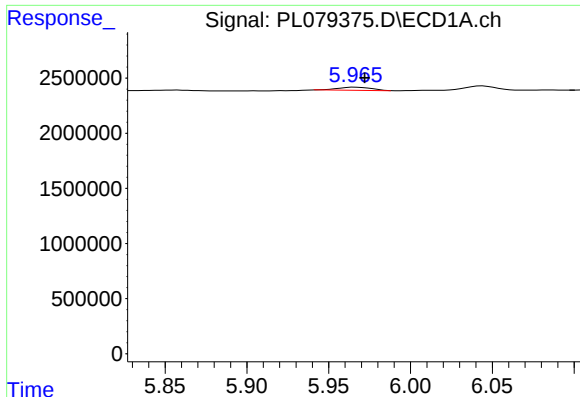
#6 beta-BHC

R.T.: 4.327 min
Delta R.T.: -0.002 min
Response: 13467025
Conc: 10.24 ng/ml



#6 beta-BHC

R.T.: 3.673 min
Delta R.T.: -0.003 min
Response: 16913106
Conc: 12.10 ng/ml



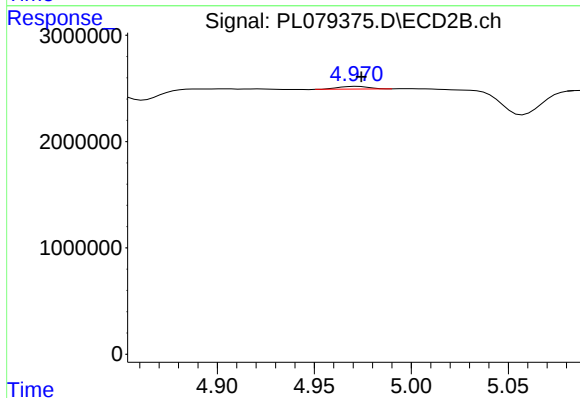
#12 4,4'-DDE

R.T.: 5.965 min
Delta R.T.: -0.007 min
Response: 404966
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

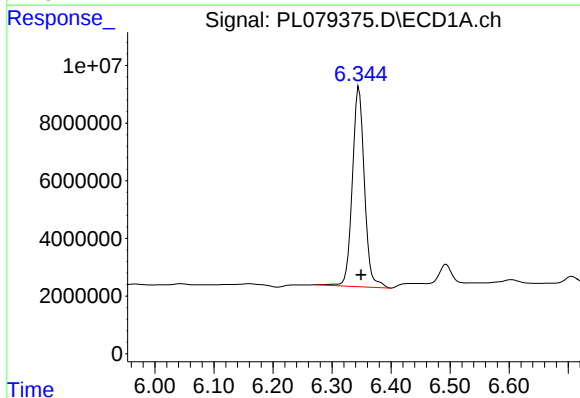
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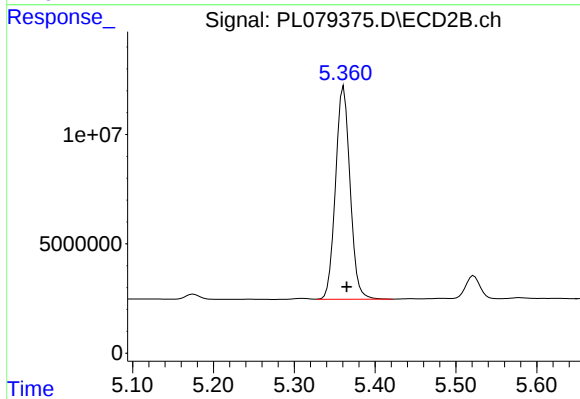
#12 4,4'-DDE

R.T.: 4.970 min
Delta R.T.: -0.004 min
Response: 286052
Conc: 0.10 ng/ml m



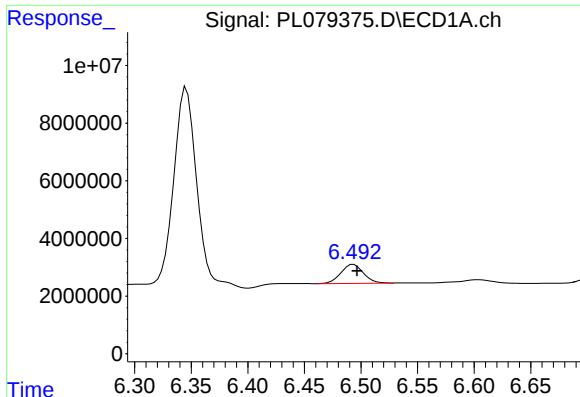
#14 Endrin

R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 98552002
Conc: 44.54 ng/ml



#14 Endrin

R.T.: 5.361 min
Delta R.T.: -0.004 min
Response: 121622369
Conc: 46.57 ng/ml



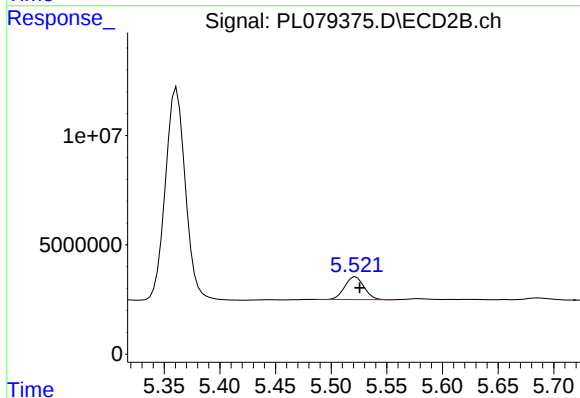
#16 4,4'-DDD

R.T.: 6.493 min
Delta R.T.: -0.003 min
Response: 9163553
Conc: 5.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

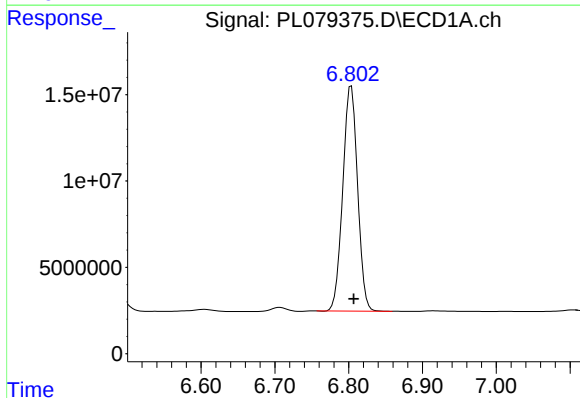
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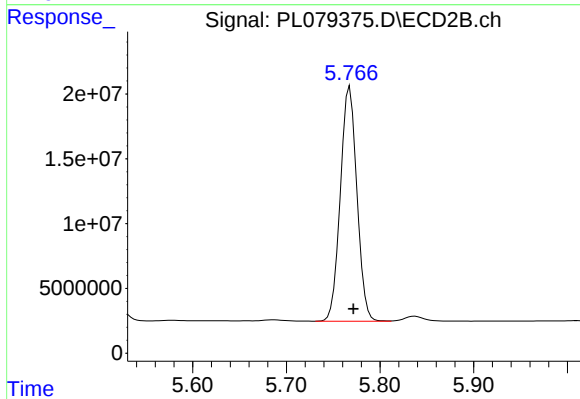
#16 4,4'-DDD

R.T.: 5.522 min
Delta R.T.: -0.003 min
Response: 12565613
Conc: 5.37 ng/ml



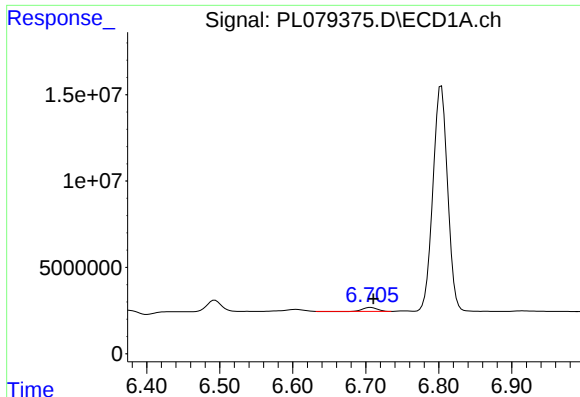
#17 4,4'-DDT

R.T.: 6.803 min
Delta R.T.: -0.003 min
Response: 181822259
Conc: 87.23 ng/ml



#17 4,4'-DDT

R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 222700291
Conc: 91.24 ng/ml



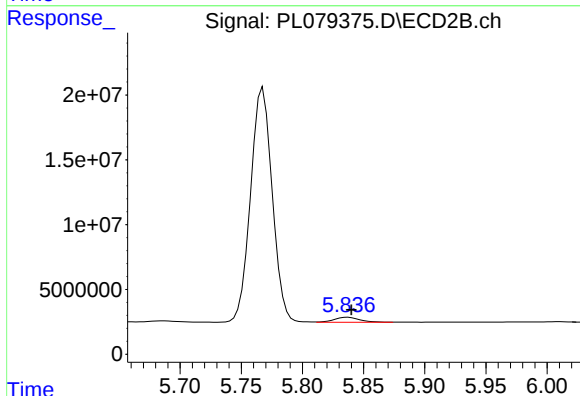
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 2958894
Conc: 1.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

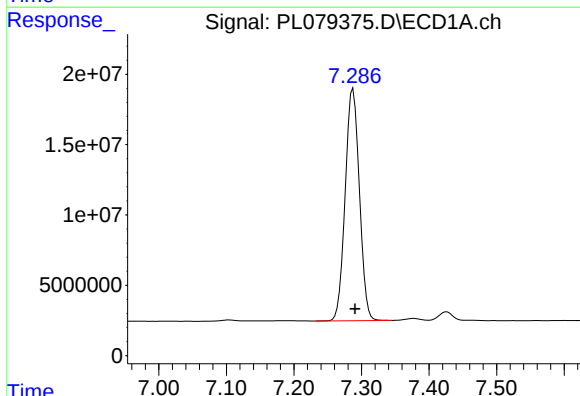
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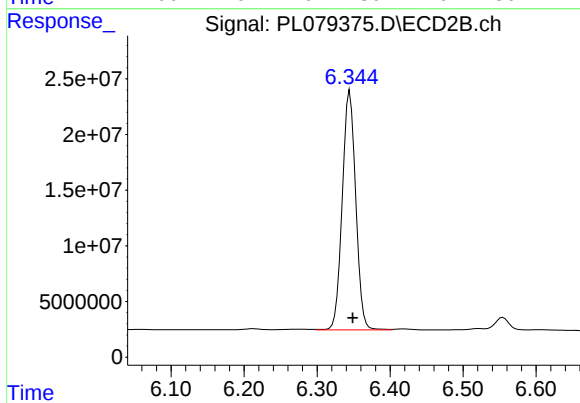
#18 Endrin aldehyde

R.T.: 5.837 min
Delta R.T.: -0.003 min
Response: 5489460
Conc: 2.63 ng/ml



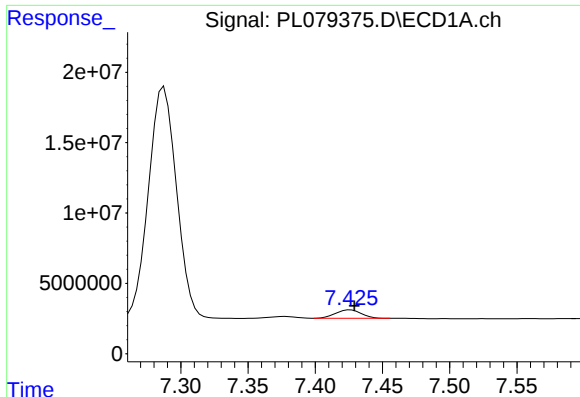
#20 Methoxychlor

R.T.: 7.288 min
Delta R.T.: -0.003 min
Response: 239875277
Conc: 225.01 ng/ml



#20 Methoxychlor

R.T.: 6.345 min
Delta R.T.: -0.004 min
Response: 274846284
Conc: 208.05 ng/ml



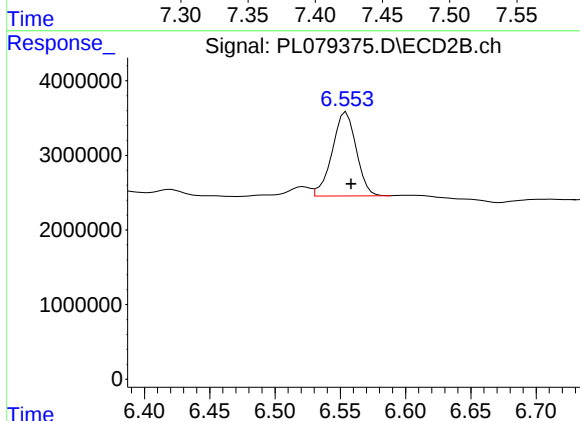
#21 Endrin ketone

R.T.: 7.426 min
Delta R.T.: -0.003 min
Response: 8021793
Conc: 3.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

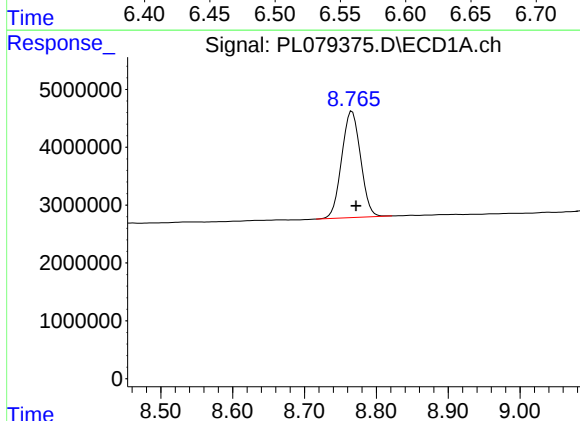
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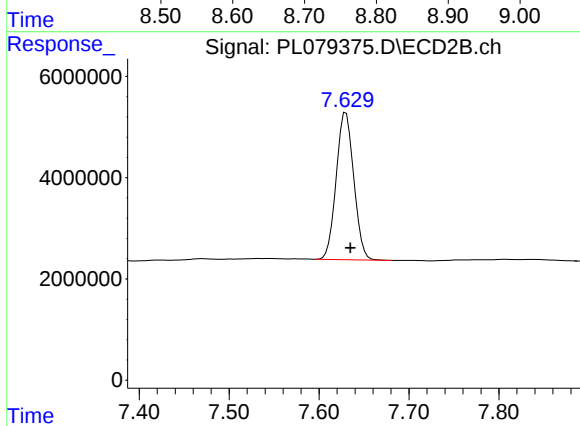
#21 Endrin ketone

R.T.: 6.555 min
Delta R.T.: -0.004 min
Response: 14446215
Conc: 5.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.766 min
Delta R.T.: -0.005 min
Response: 33517858
Conc: 20.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.630 min
Delta R.T.: -0.005 min
Response: 39515658
Conc: 19.05 ng/ml