

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122322\
 Data File : PL079892.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2022 19:34
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/27/2022
 Supervised By : Ankita Jodhani 12/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 25 20:00:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122322.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 19:58:15 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	2.564	50064147	60242854	21.351	21.263
28)	SA Decachlor...	8.770	7.632	44375139	50704224	22.579	22.223
Target Compounds							
2)	A alpha-BHC	3.778	3.050	35387855	48421818	9.806	10.782
3)	MA gamma-BHC...	4.111	3.371	34559720	43382866	10.193	10.867
6)	B beta-BHC	4.327	3.672	16164654	19742600	11.064	12.775
14)	MA Endrin	6.348	5.362	127.3E6	152.1E6	50.028	51.395
16)	A 4,4'-DDD	6.496	5.521	3501562	3181983	1.664	1.229m#
17)	MA 4,4'-DDT	6.805	5.769	250.1E6	288.2E6	106.172	107.621
18)	B Endrin al...	6.709	5.839	2975582	6105636	1.583	2.793 #
20)	A Methoxychlor	7.291	6.346	319.8E6	338.6E6	264.063	243.048
21)	B Endrin ke...	7.428	6.556	5774265	9281832	2.287	2.971 #

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

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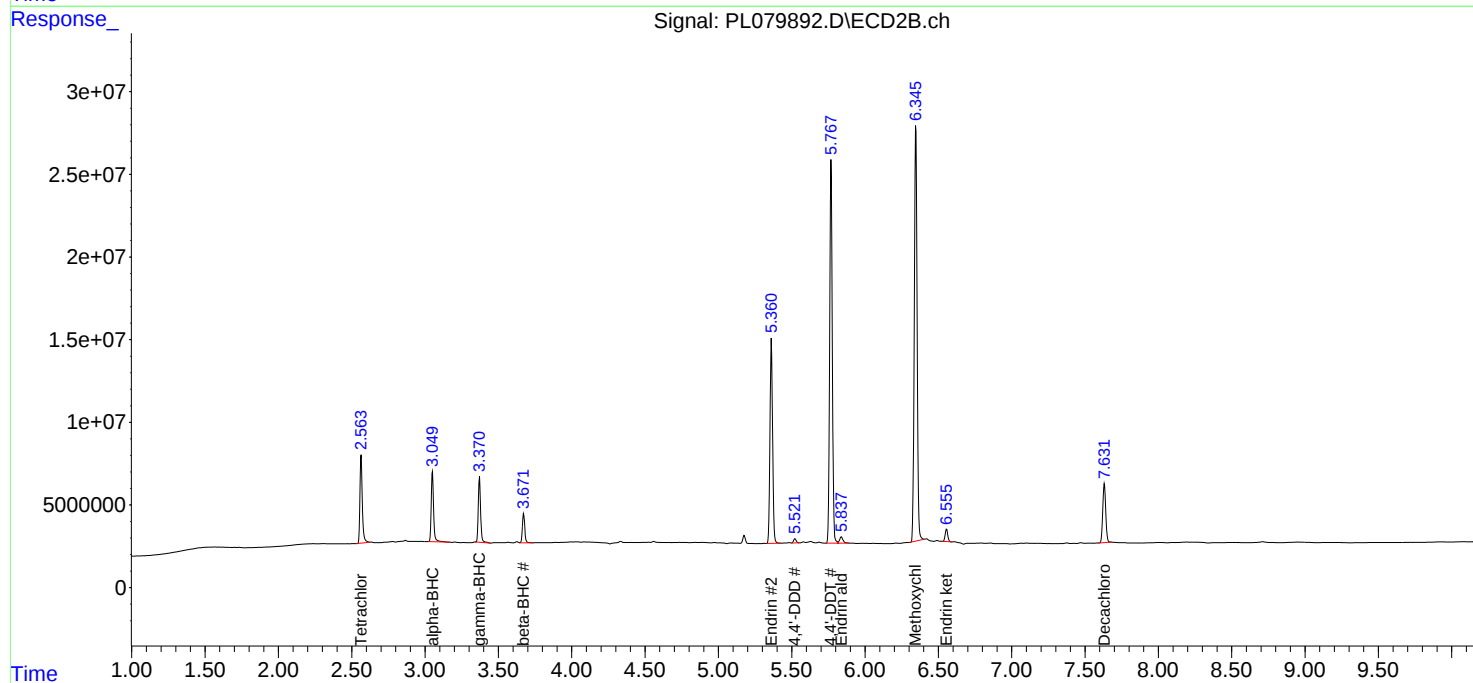
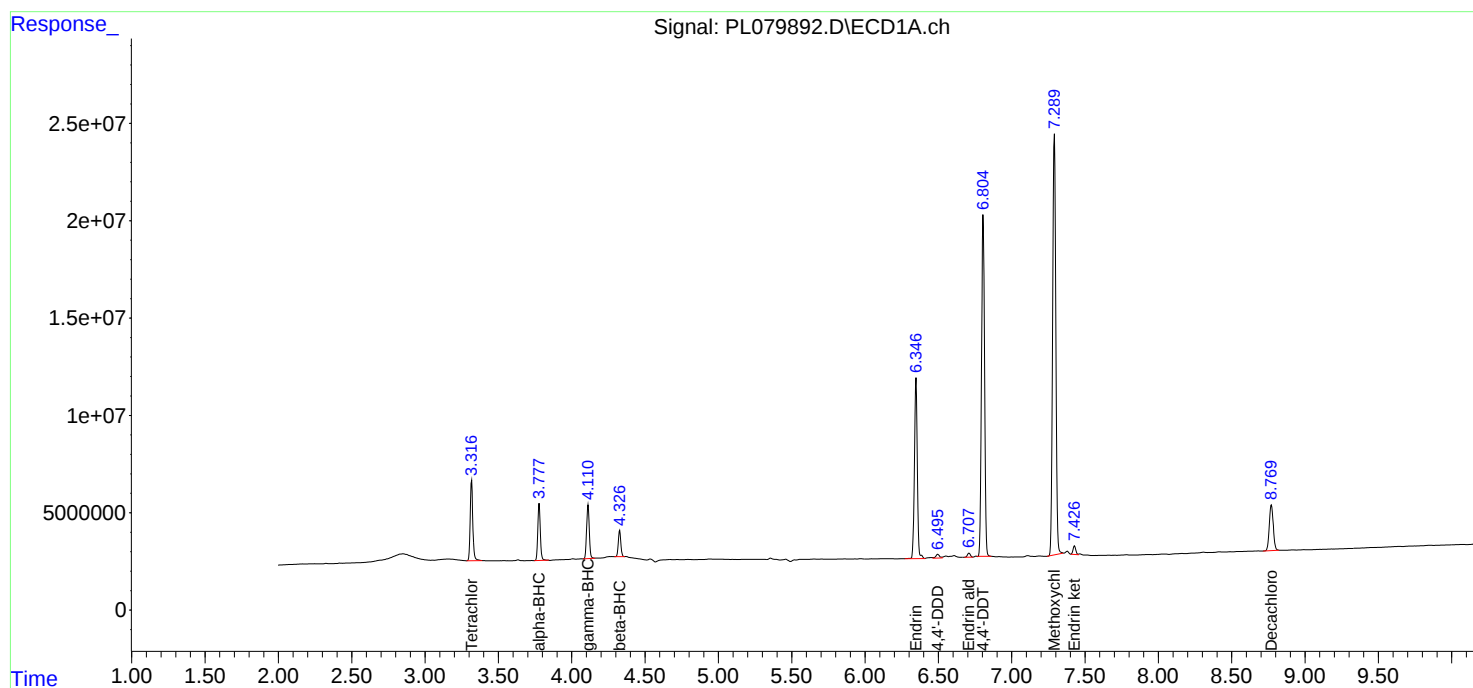
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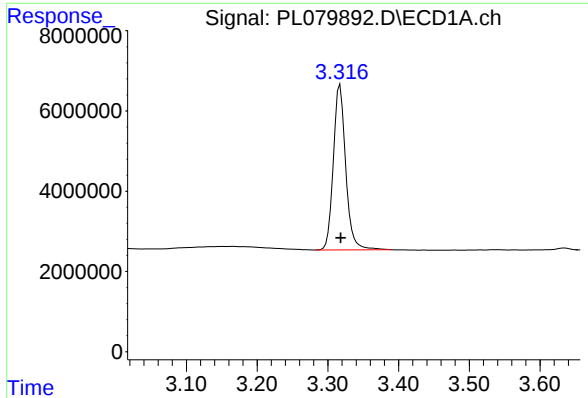
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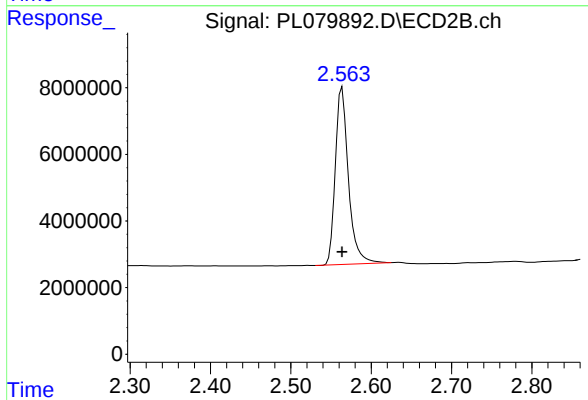
#1 Tetrachloro-m-xylene

R.T.: 3.317 min
Delta R.T.: 0.000 min
Response: 50064147
Conc: 21.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

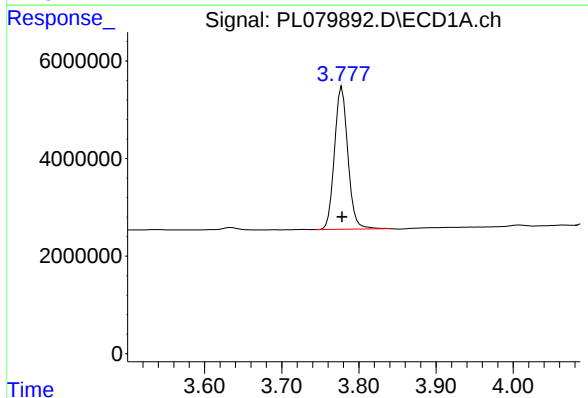
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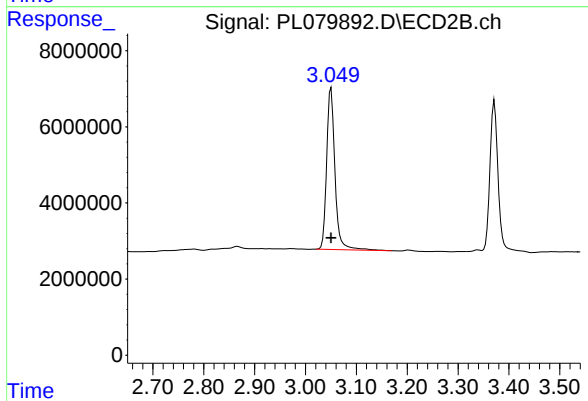
#1 Tetrachloro-m-xylene

R.T.: 2.564 min
Delta R.T.: 0.000 min
Response: 60242854
Conc: 21.26 ng/ml



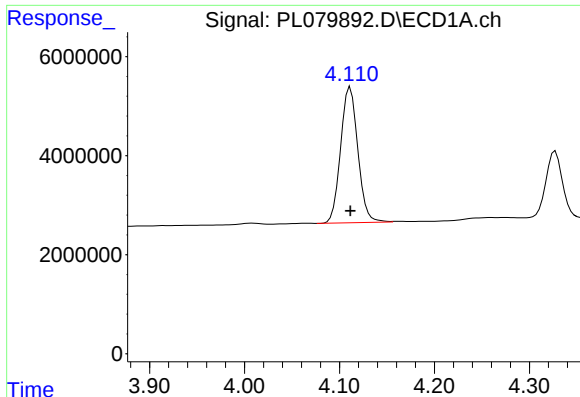
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 35387855
Conc: 9.81 ng/ml



#2 alpha-BHC

R.T.: 3.050 min
Delta R.T.: 0.000 min
Response: 48421818
Conc: 10.78 ng/ml



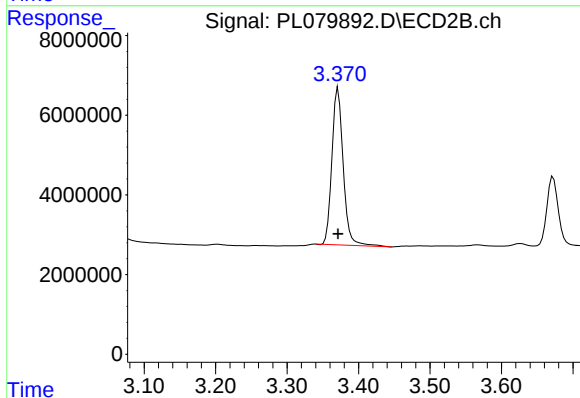
#3 gamma-BHC (Lindane)

R.T.: 4.111 min
Delta R.T.: 0.000 min
Response: 34559720
Conc: 10.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

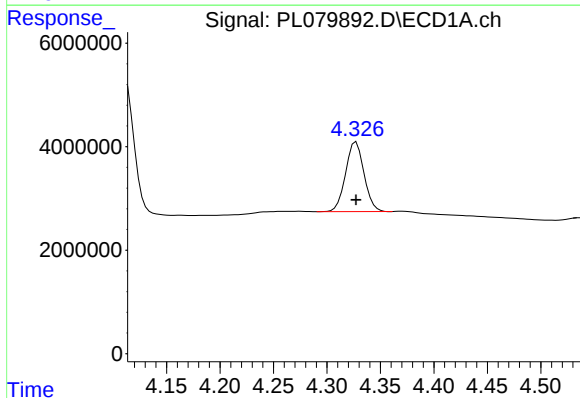
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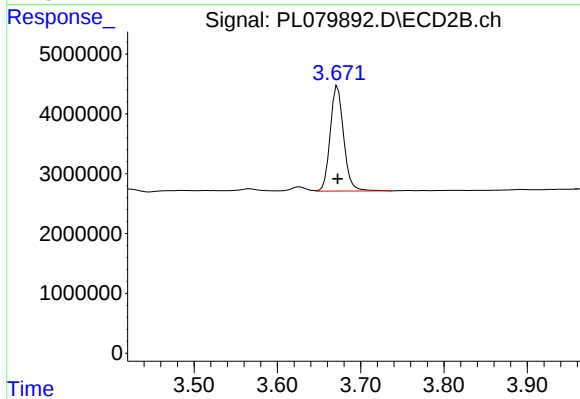
#3 gamma-BHC (Lindane)

R.T.: 3.371 min
Delta R.T.: 0.000 min
Response: 43382866
Conc: 10.87 ng/ml



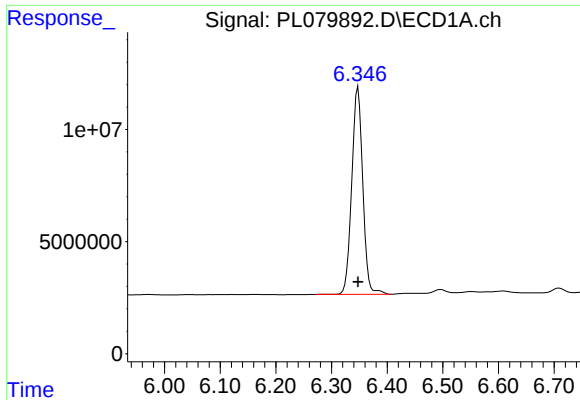
#6 beta-BHC

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 16164654
Conc: 11.06 ng/ml



#6 beta-BHC

R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 19742600
Conc: 12.78 ng/ml



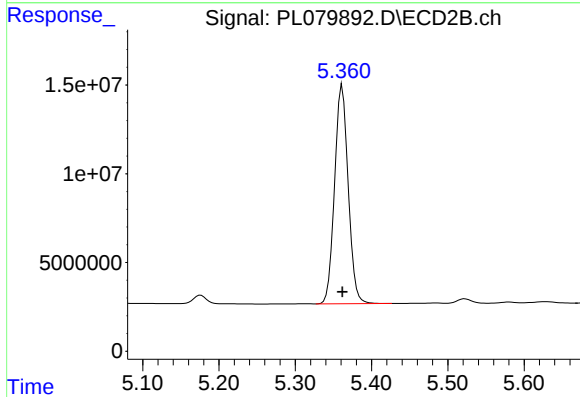
#14 Endrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 127254228
Conc: 50.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

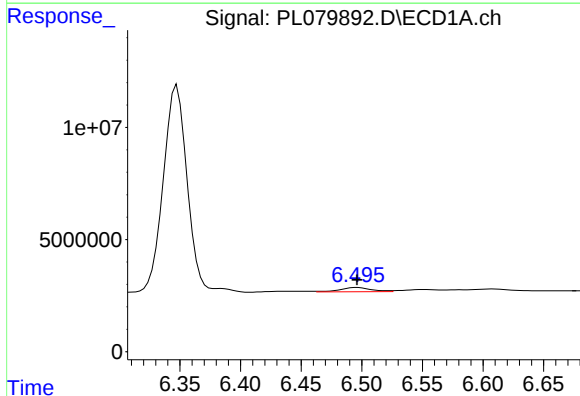
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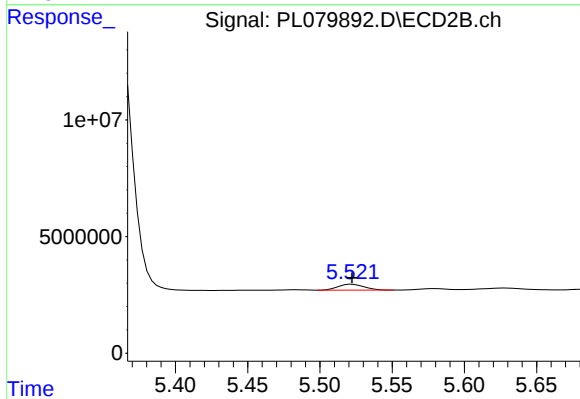
#14 Endrin

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 152127189
Conc: 51.40 ng/ml



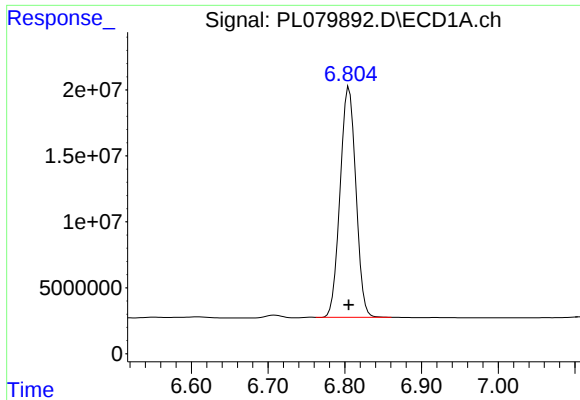
#16 4,4'-DDD

R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 3501562
Conc: 1.66 ng/ml



#16 4,4'-DDD

R.T.: 5.521 min
Delta R.T.: -0.001 min
Response: 3181983
Conc: 1.23 ng/ml m



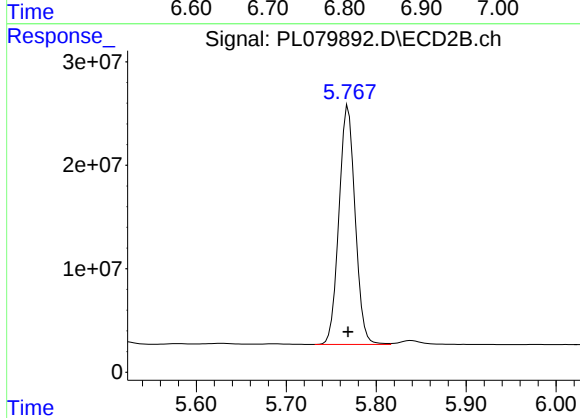
#17 4,4'-DDT

R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 250115046
Conc: 106.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

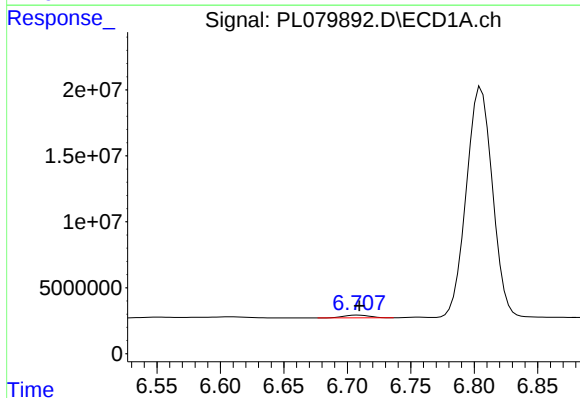
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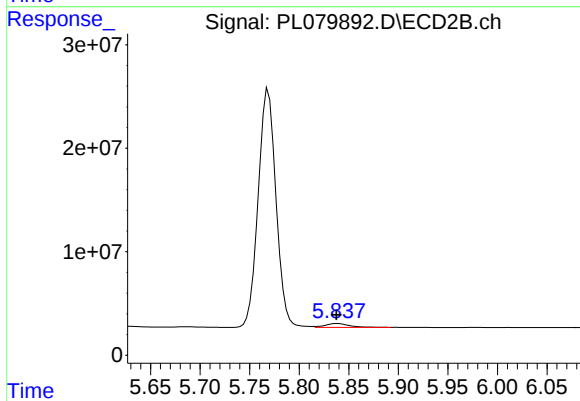
#17 4,4'-DDT

R.T.: 5.769 min
Delta R.T.: 0.000 min
Response: 288176138
Conc: 107.62 ng/ml



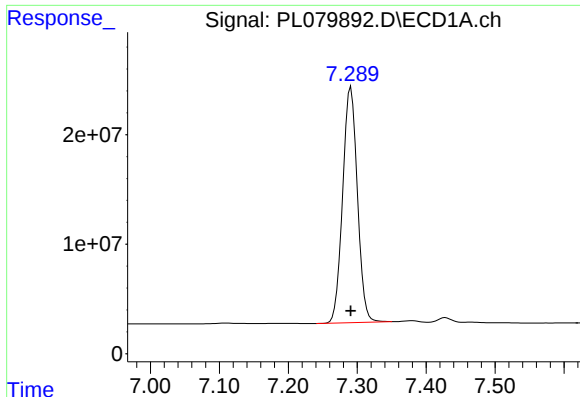
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 2975582
Conc: 1.58 ng/ml



#18 Endrin aldehyde

R.T.: 5.839 min
Delta R.T.: 0.001 min
Response: 6105636
Conc: 2.79 ng/ml



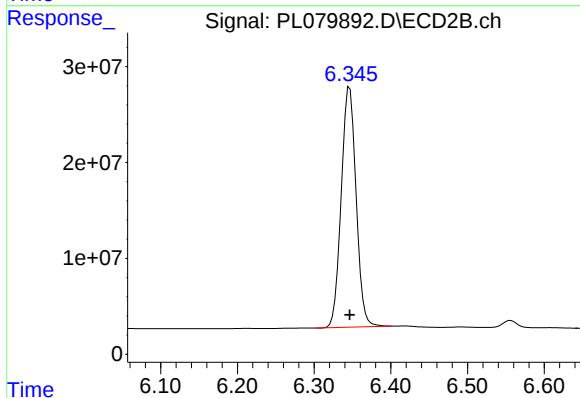
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: 0.000 min
Response: 319810541
Conc: 264.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

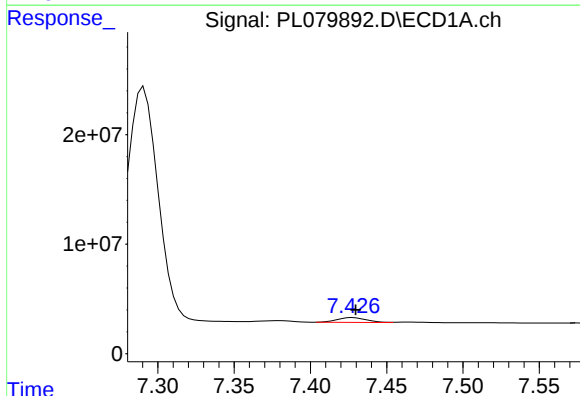
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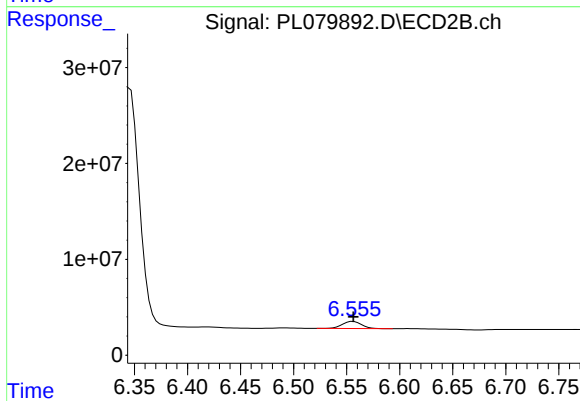
#20 Methoxychlor

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 338589430
Conc: 243.05 ng/ml



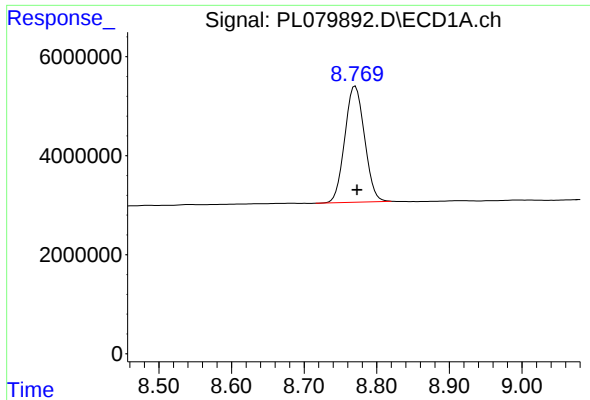
#21 Endrin ketone

R.T.: 7.428 min
Delta R.T.: -0.002 min
Response: 5774265
Conc: 2.29 ng/ml



#21 Endrin ketone

R.T.: 6.556 min
Delta R.T.: 0.000 min
Response: 9281832
Conc: 2.97 ng/ml



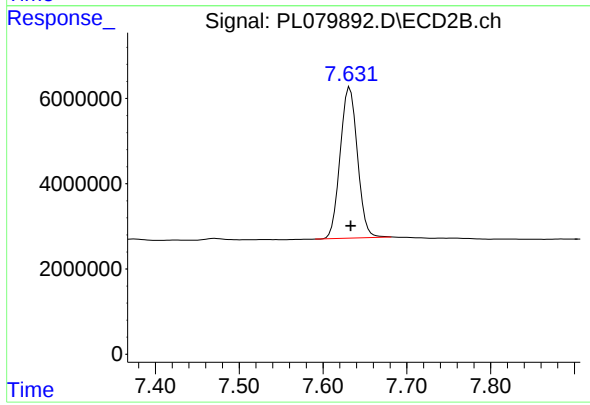
#28 Decachlorobiphenyl

R.T.: 8.770 min
Delta R.T.: -0.002 min
Response: 44375139
Conc: 22.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 50704224
Conc: 22.22 ng/ml