

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122122\
 Data File : PL079814.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2022 09:05
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/22/2022
 Supervised By : Ankita Jodhani 12/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 11:24:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122022.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 21 10:00:39 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...	3.318	2.564	49861842	58410895	22.689	22.004
28)	SA Decachlor...	8.765	7.628	41609355	48941771	22.434	20.388
Target Compounds							
2)	A alpha-BHC	3.778	3.050	34976328	45568661	10.375	10.544
3)	MA gamma-BHC...	4.111	3.371	33769970	41709617	10.569	10.650
6)	B beta-BHC	4.327	3.672	16170235	19273452	11.804	12.709
14)	MA Endrin	6.344	5.360	117.9E6	143.3E6	50.431m	50.412
16)	A 4,4'-DDD	6.491	5.520	2274985	3409759	1.160m	1.339m
17)	MA 4,4'-DDT	6.802	5.766	246.1E6	270.0E6	109.921	99.669
18)	B Endrin al...	6.705	5.836	2276603	3625990	1.280m	1.616m#
20)	A Methoxychlor	7.287	6.343	311.2E6	329.6E6	264.039	232.408
21)	B Endrin ke...	7.425	6.551	5514806	11564364	2.259	3.621m#

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

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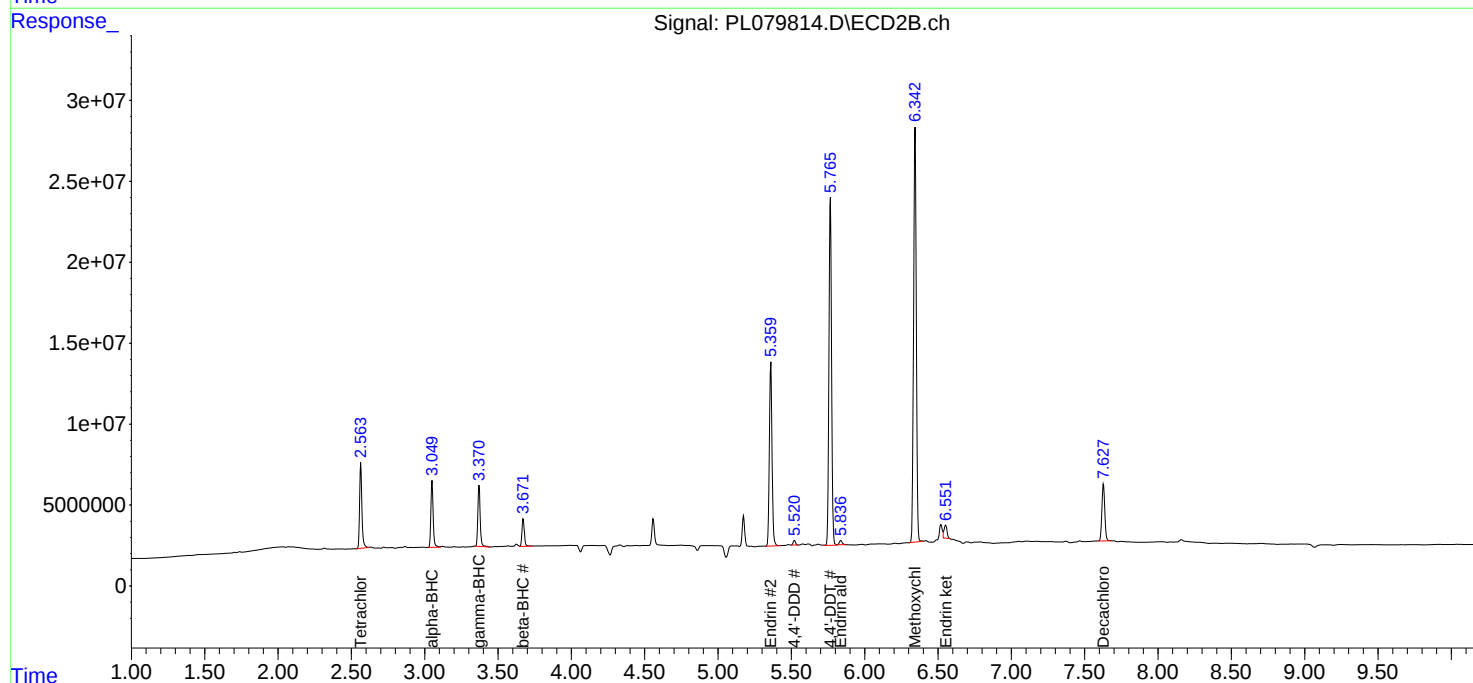
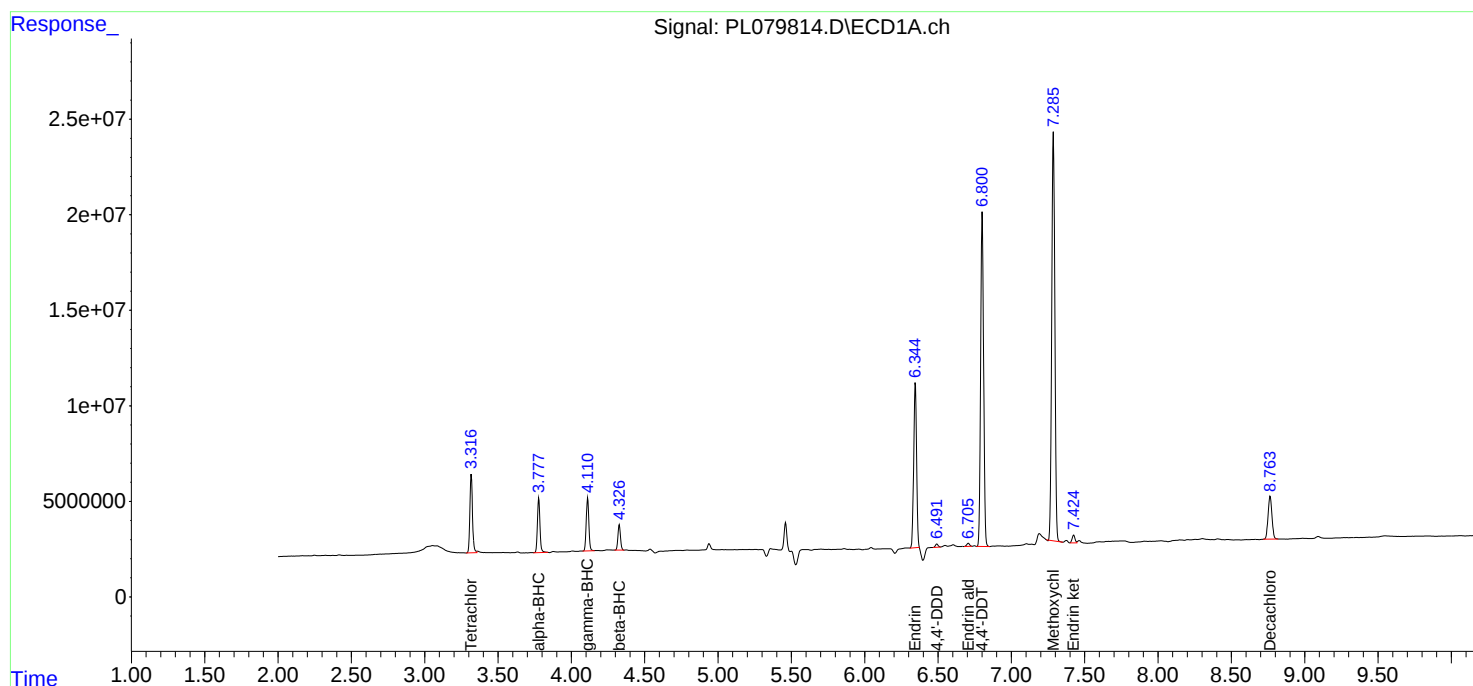
Instrument :
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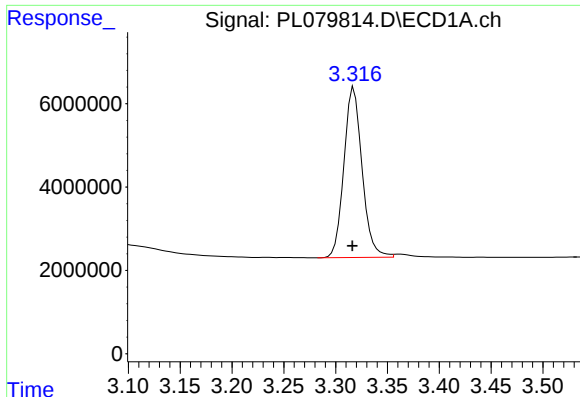
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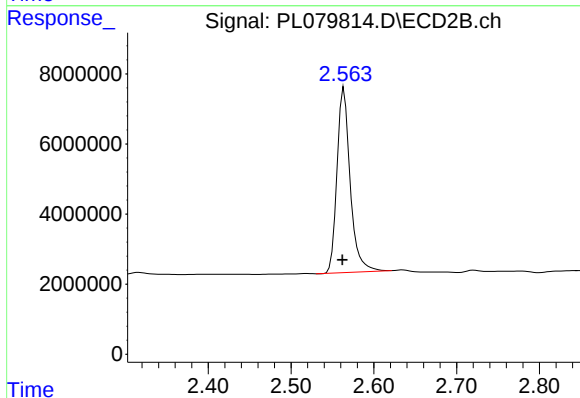
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: 0.002 min
Response: 49861842
Conc: 22.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

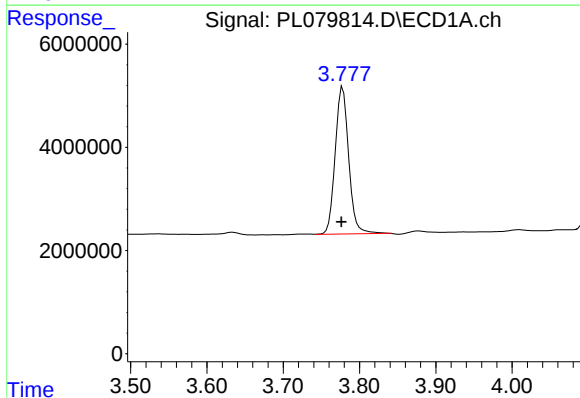
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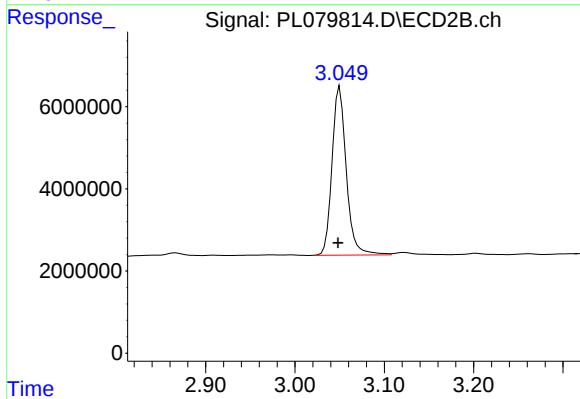
#1 Tetrachloro-m-xylene

R.T.: 2.564 min
Delta R.T.: 0.002 min
Response: 58410895
Conc: 22.00 ng/ml



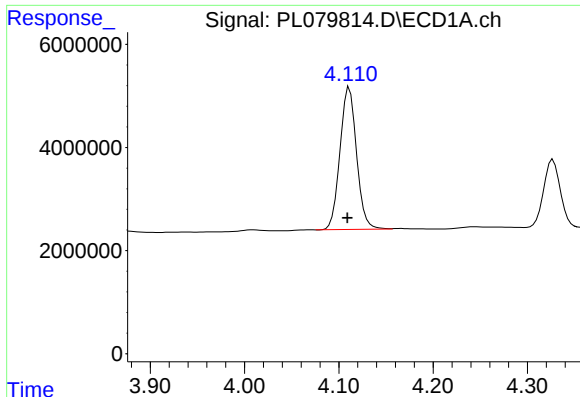
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: 0.002 min
Response: 34976328
Conc: 10.37 ng/ml



#2 alpha-BHC

R.T.: 3.050 min
Delta R.T.: 0.002 min
Response: 45568661
Conc: 10.54 ng/ml



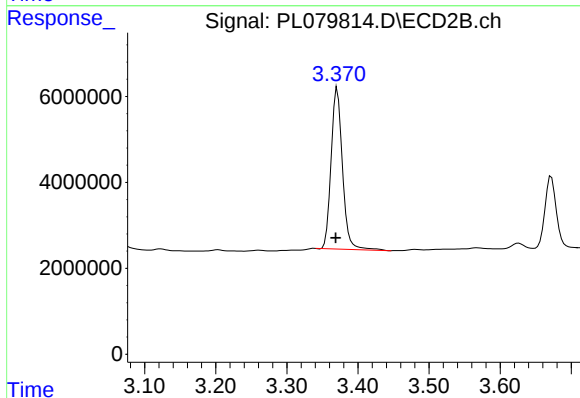
#3 gamma-BHC (Lindane)

R.T.: 4.111 min
Delta R.T.: 0.002 min
Response: 33769970
Conc: 10.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

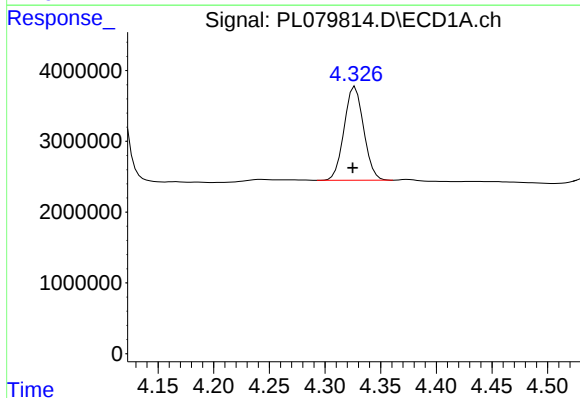
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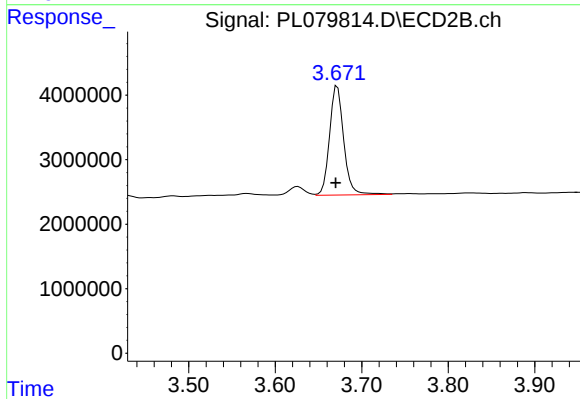
#3 gamma-BHC (Lindane)

R.T.: 3.371 min
Delta R.T.: 0.002 min
Response: 41709617
Conc: 10.65 ng/ml



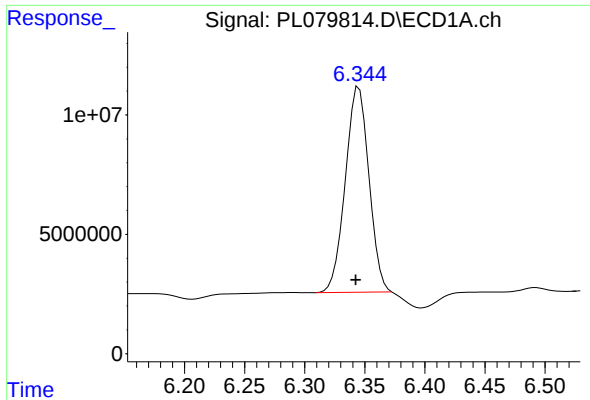
#6 beta-BHC

R.T.: 4.327 min
Delta R.T.: 0.002 min
Response: 16170235
Conc: 11.80 ng/ml



#6 beta-BHC

R.T.: 3.672 min
Delta R.T.: 0.002 min
Response: 19273452
Conc: 12.71 ng/ml



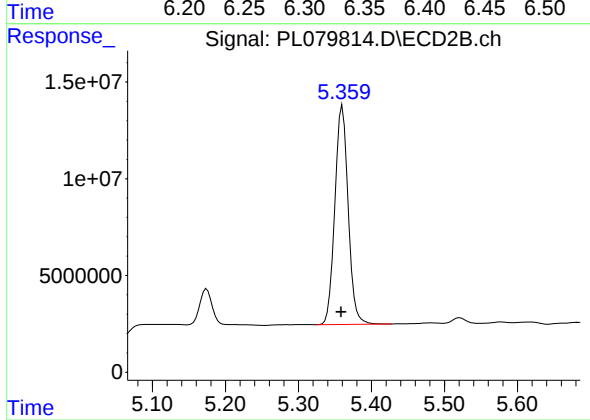
#14 Endrin

R.T.: 6.344 min
Delta R.T.: 0.001 min
Response: 117929577
Conc: 50.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

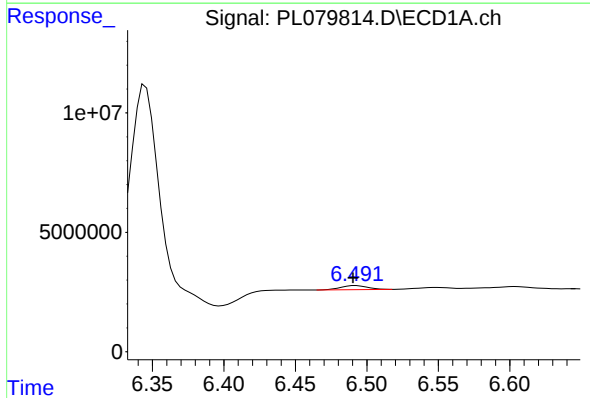
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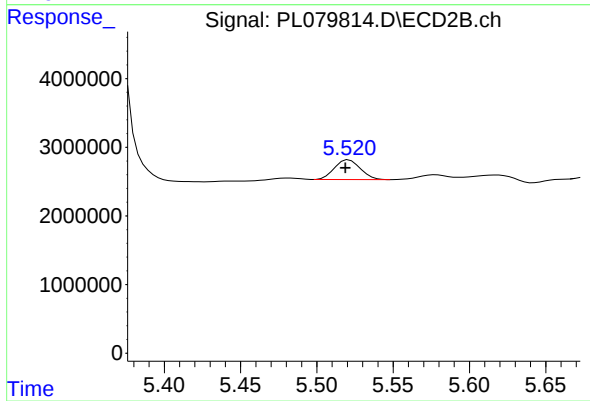
#14 Endrin

R.T.: 5.360 min
Delta R.T.: 0.002 min
Response: 143281439
Conc: 50.41 ng/ml



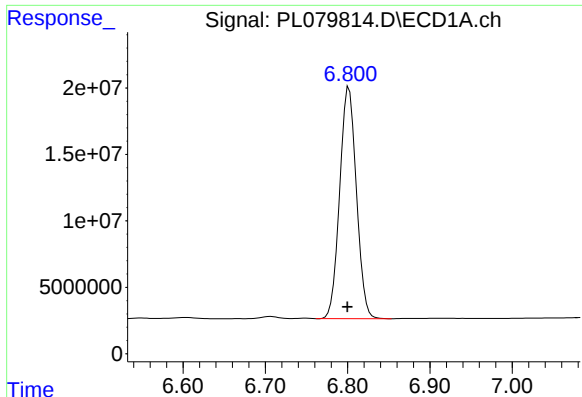
#16 4,4'-DDD

R.T.: 6.491 min
Delta R.T.: 0.000 min
Response: 2274985
Conc: 1.16 ng/ml m



#16 4,4'-DDD

R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 3409759
Conc: 1.34 ng/ml m



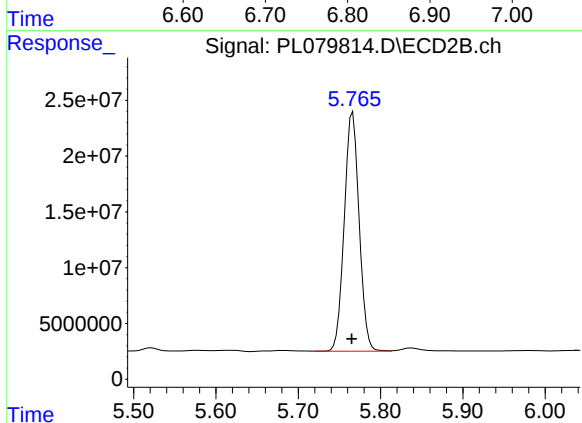
#17 4,4'-DDT

R.T.: 6.802 min
Delta R.T.: 0.002 min
Response: 246086630
Conc: 109.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

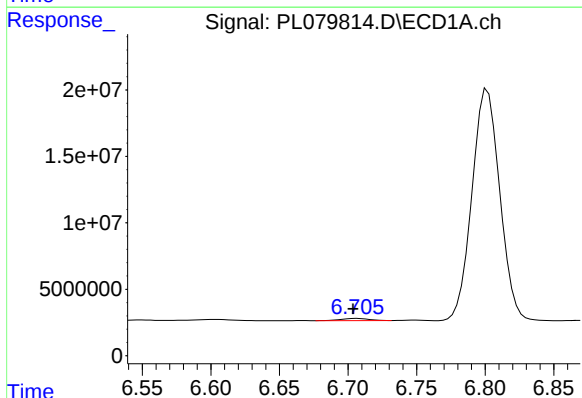
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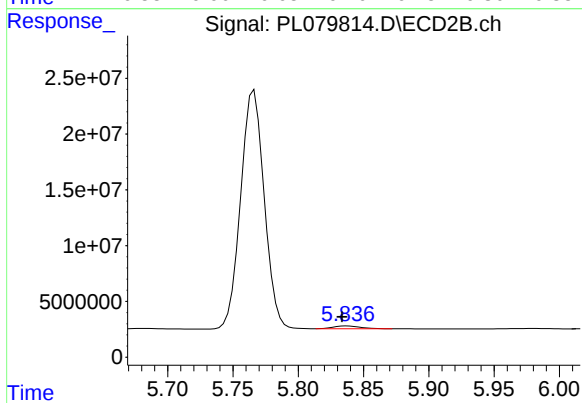
#17 4,4'-DDT

R.T.: 5.766 min
Delta R.T.: 0.001 min
Response: 270016751
Conc: 99.67 ng/ml



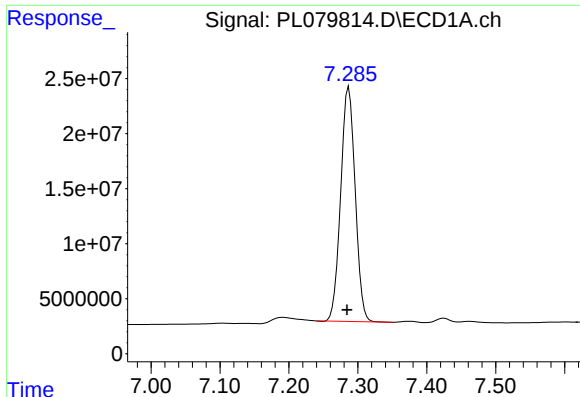
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: 0.001 min
Response: 2276603
Conc: 1.28 ng/ml m



#18 Endrin aldehyde

R.T.: 5.836 min
Delta R.T.: 0.002 min
Response: 3625990
Conc: 1.62 ng/ml m



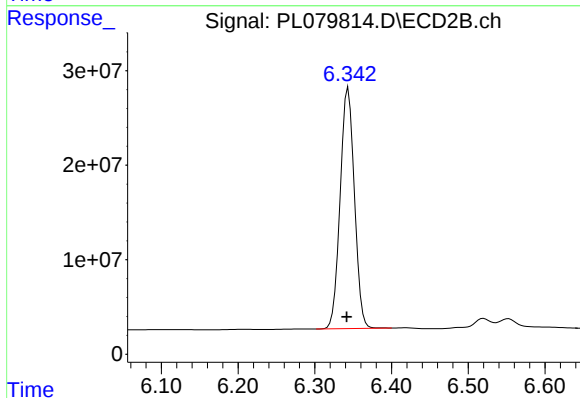
#20 Methoxychlor

R.T.: 7.287 min
Delta R.T.: 0.003 min
Response: 311227495
Conc: 264.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

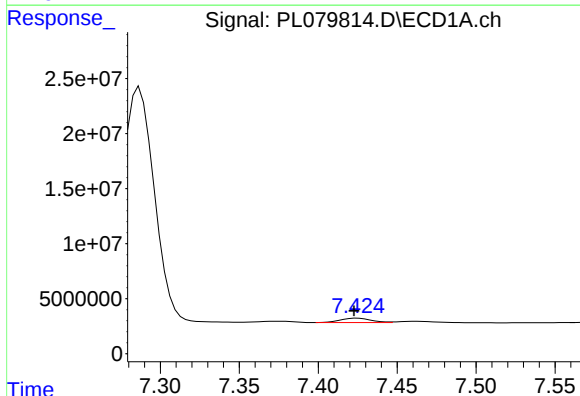
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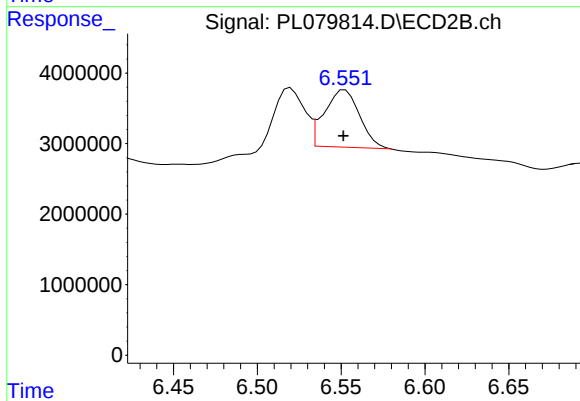
#20 Methoxychlor

R.T.: 6.343 min
Delta R.T.: 0.002 min
Response: 329568908
Conc: 232.41 ng/ml



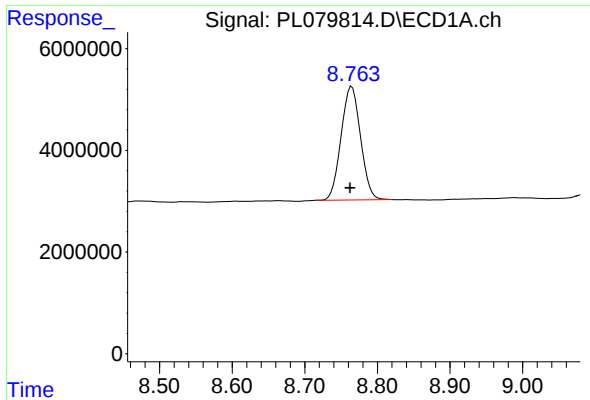
#21 Endrin ketone

R.T.: 7.425 min
Delta R.T.: 0.002 min
Response: 5514806
Conc: 2.26 ng/ml



#21 Endrin ketone

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 11564364
Conc: 3.62 ng/ml m



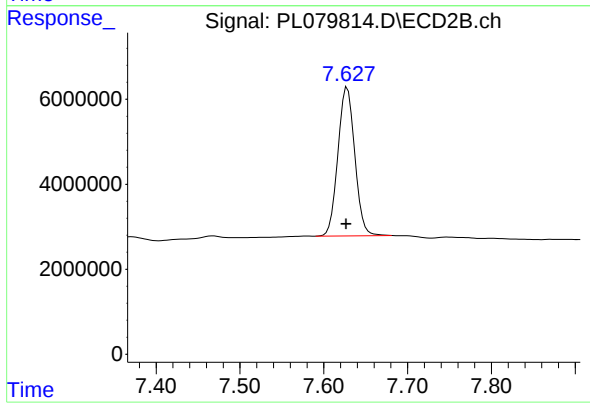
#28 Decachlorobiphenyl

R.T.: 8.765 min
Delta R.T.: 0.002 min
Response: 41609355
Conc: 22.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.628 min
Delta R.T.: 0.001 min
Response: 48941771
Conc: 20.39 ng/ml