

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120622\
 Data File : PL079608.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2022 13:47
 Operator : AR\AJ
 Sample : N5883-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-18MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/07/2022
 Supervised By :Ankita Jodhani 12/07/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 20:41:23 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...	3.318	2.566	43164996	54680030	19.108	20.088
28)	SA Decachlor...	8.763	7.630	34086843	41744892	17.552	17.769
Target Compounds							
2)	A alpha-BHC	3.778	3.052	171.5E6	214.4E6	49.862	49.728
3)	MA gamma-BHC...	4.109	3.373	151.3E6	195.3E6	46.672m	50.160
4)	MA Heptachlor	4.680	3.699	158.6E6	191.3E6	48.142	49.719
5)	MB Aldrin	5.019	3.970	156.5E6	214.5E6	50.407	57.769
6)	B beta-BHC	4.326	3.673	62859555	71007385	44.519	46.864
7)	B delta-BHC	4.566	3.893	121.0E6	195.1E6	43.627	50.722
8)	B Heptachlo...	5.452	4.467	140.2E6	168.8E6	49.107	50.024
9)	A Endosulfan I	5.836	4.829	124.8E6	156.9E6	46.941	49.045
10)	B gamma-Chl...	5.707	4.714	146.5E6	182.1E6	51.197	53.810
11)	B alpha-Chl...	5.784	4.776	147.6E6	176.3E6	51.229	52.641
12)	B 4,4'-DDE	5.967	4.971	122.1E6	160.8E6	48.868	52.441
13)	MA Dieldrin	6.114	5.091	133.7E6	172.7E6	48.731	51.238
14)	MA Endrin	6.344	5.361	119.3E6	157.2E6	49.328	51.967
15)	B Endosulfa...	6.574	5.658	113.6E6	146.4E6	50.305	52.317
16)	A 4,4'-DDD	6.492	5.522	106.4E6	134.9E6	53.652	53.935
17)	MA 4,4'-DDT	6.801	5.768	109.7E6	132.7E6	48.378	50.779
18)	B Endrin al...	6.705	5.836	94511242	113.0E6	52.183	53.103
19)	B Endosulfa...	6.938	6.059	112.6E6	137.6E6	48.550	48.776
20)	A Methoxychlor	7.286	6.345	57351671	67229920	47.540	49.464
21)	B Endrin ke...	7.425	6.555	119.1E6	149.9E6	48.268	48.684
22)	Mirex	7.880	6.726	91693303	113.0E6	48.410	47.781

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120622\
Data File : PL079608.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2022 13:47
Operator : AR\AJ
Sample : N5883-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

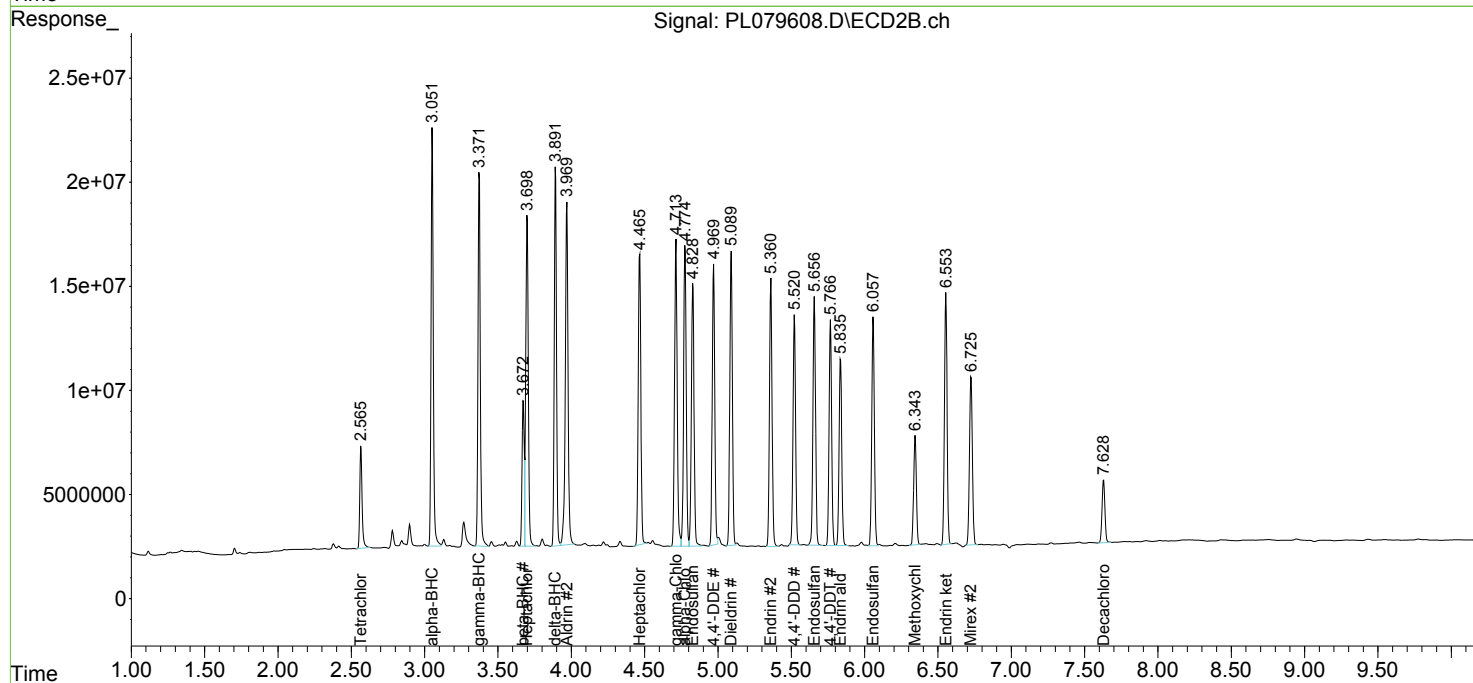
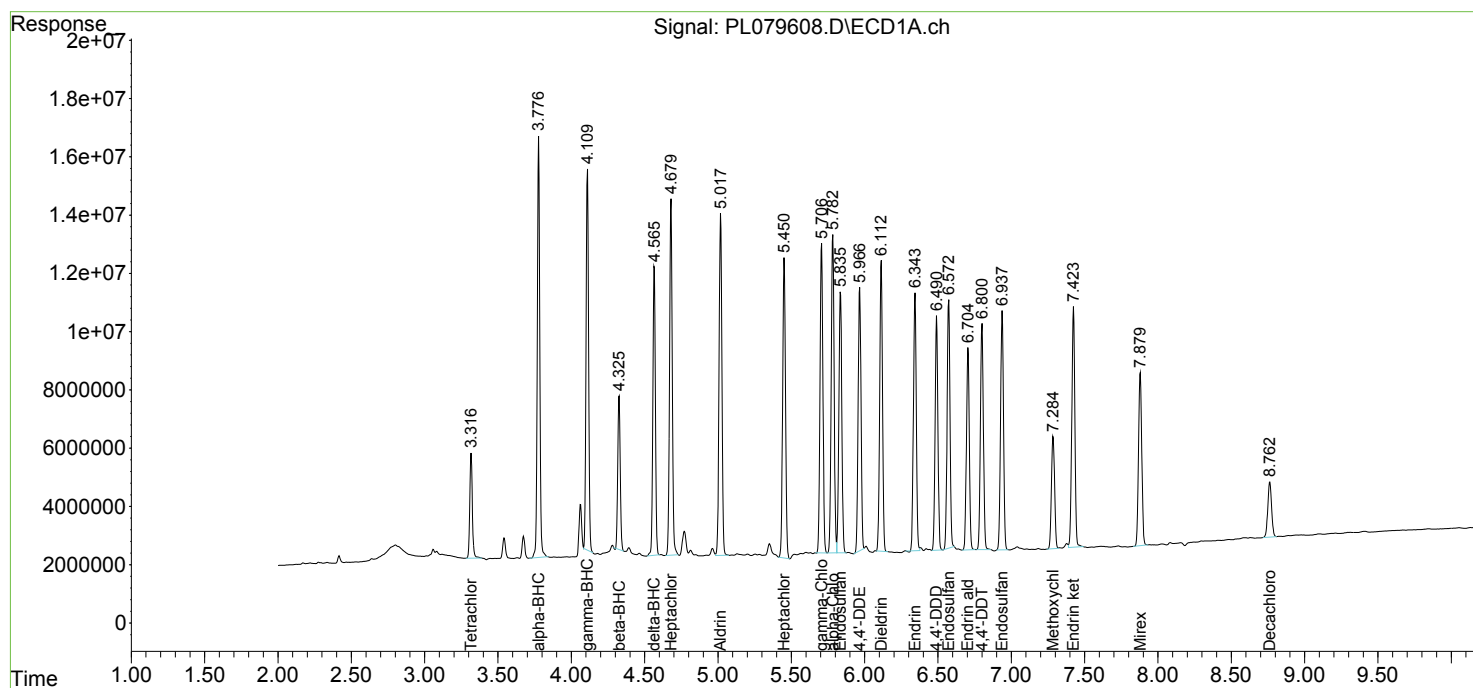
Instrument :
ECD_L
ClientSampleId :
MH-18MS

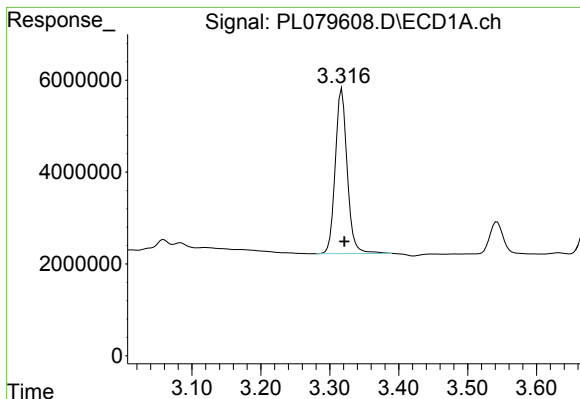
Manual Integrations
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Reviewed By : Abdul Mirza 12/07/2022
Supervised By : Ankita Jodhani 12/07/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 20:41:23 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





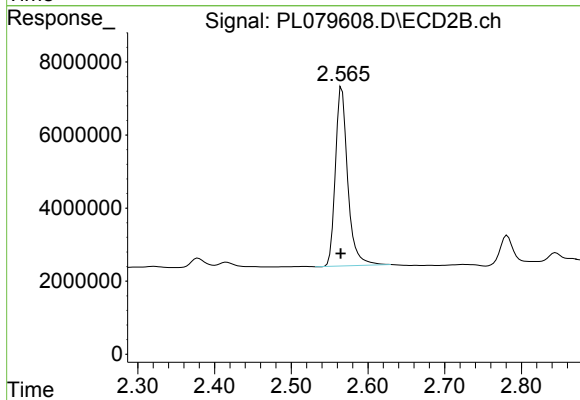
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: -0.003 min
Response: 43164996
Conc: 19.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-18MS

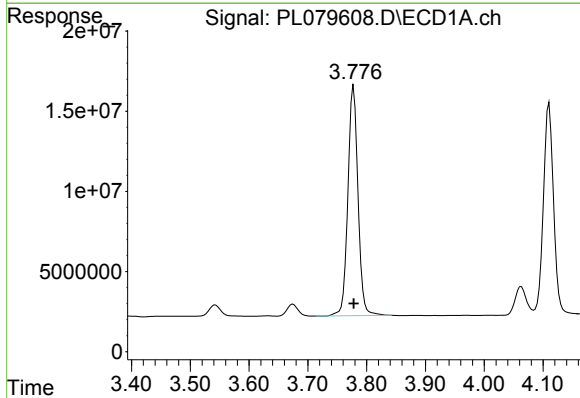
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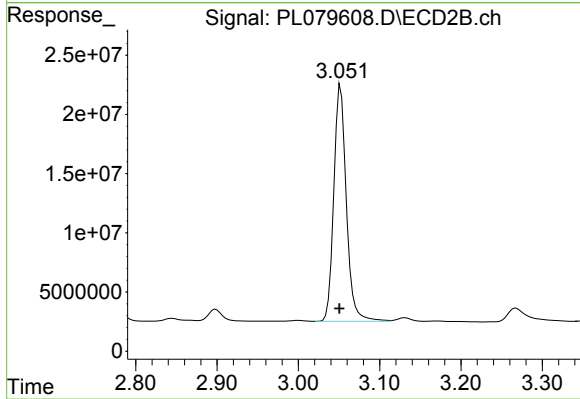
#1 Tetrachloro-m-xylene

R.T.: 2.566 min
Delta R.T.: 0.002 min
Response: 54680030
Conc: 20.09 ng/ml



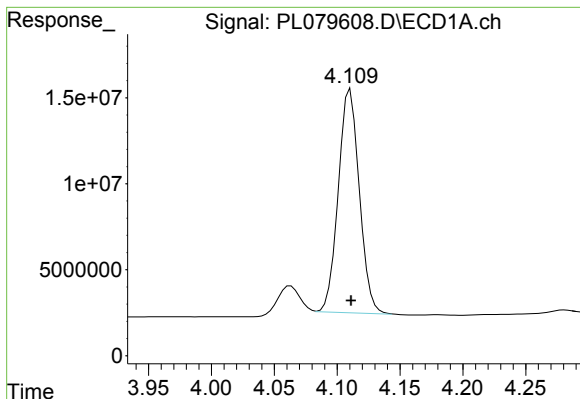
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 171463514
Conc: 49.86 ng/ml



#2 alpha-BHC

R.T.: 3.052 min
Delta R.T.: 0.002 min
Response: 214428582
Conc: 49.73 ng/ml



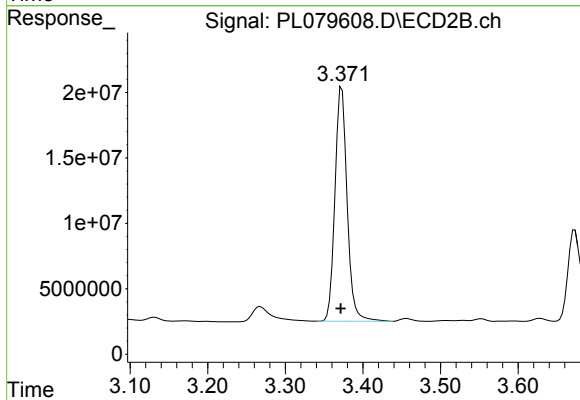
#3 gamma-BHC (Lindane)

R.T.: 4.109 min
Delta R.T.: -0.002 min
Response: 151253040
Conc: 46.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-18MS

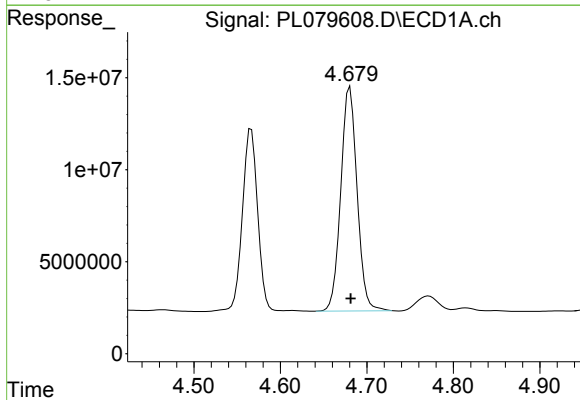
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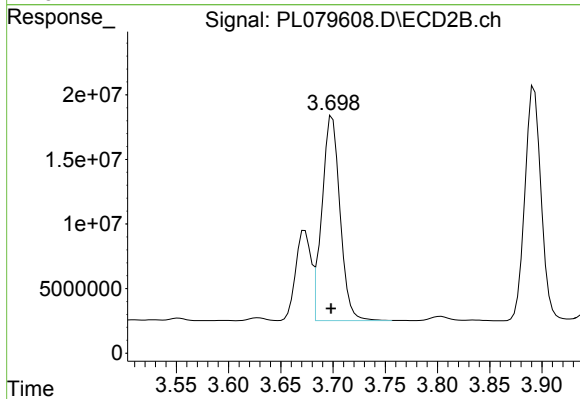
#3 gamma-BHC (Lindane)

R.T.: 3.373 min
Delta R.T.: 0.001 min
Response: 195304541
Conc: 50.16 ng/ml



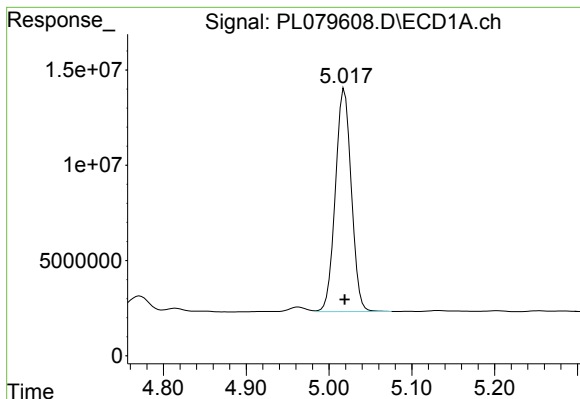
#4 Heptachlor

R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 158638958
Conc: 48.14 ng/ml



#4 Heptachlor

R.T.: 3.699 min
Delta R.T.: 0.001 min
Response: 191305835
Conc: 49.72 ng/ml



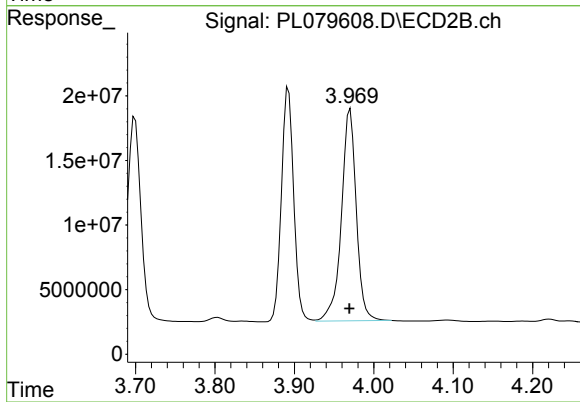
#5 Aldrin

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 156532215
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-18MS

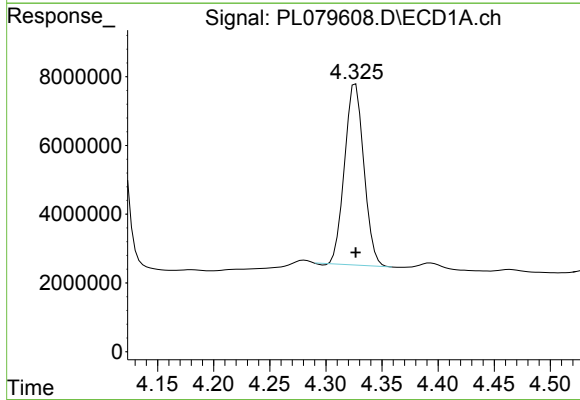
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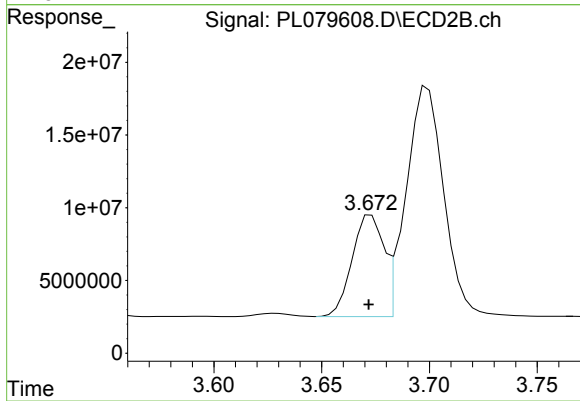
#5 Aldrin

R.T.: 3.970 min
Delta R.T.: 0.001 min
Response: 214491921
Conc: 57.77 ng/ml



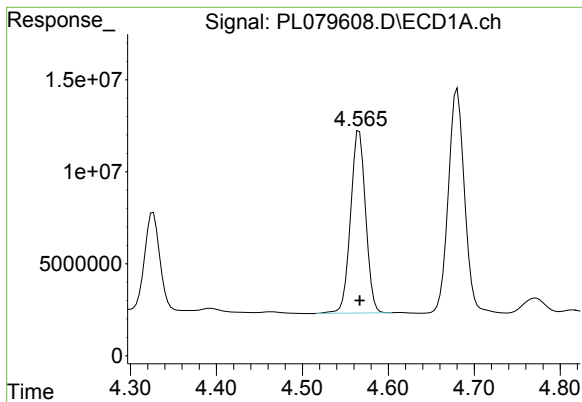
#6 beta-BHC

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 62859555
Conc: 44.52 ng/ml



#6 beta-BHC

R.T.: 3.673 min
Delta R.T.: 0.001 min
Response: 71007385
Conc: 46.86 ng/ml



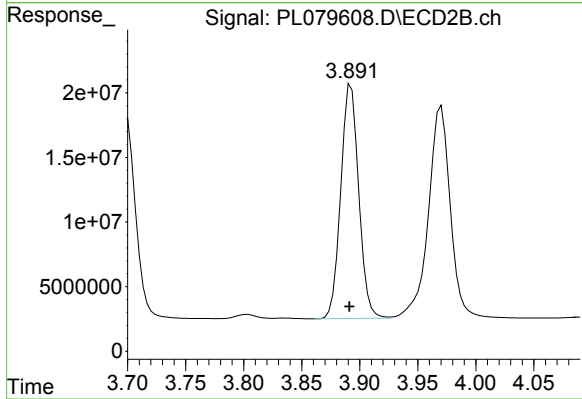
#7 delta-BHC

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 121036732
Conc: 43.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-18MS

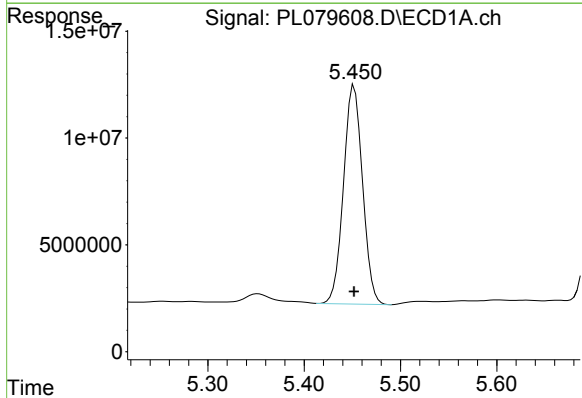
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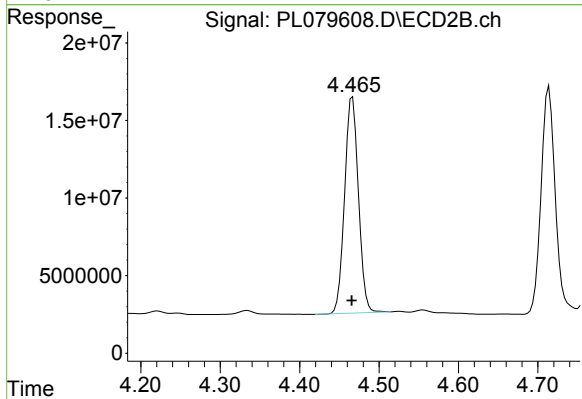
#7 delta-BHC

R.T.: 3.893 min
Delta R.T.: 0.001 min
Response: 195140282
Conc: 50.72 ng/ml



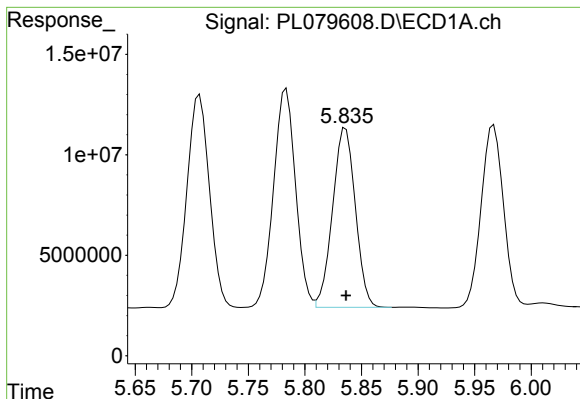
#8 Heptachlor epoxide

R.T.: 5.452 min
Delta R.T.: 0.000 min
Response: 140200113
Conc: 49.11 ng/ml



#8 Heptachlor epoxide

R.T.: 4.467 min
Delta R.T.: 0.001 min
Response: 168849805
Conc: 50.02 ng/ml



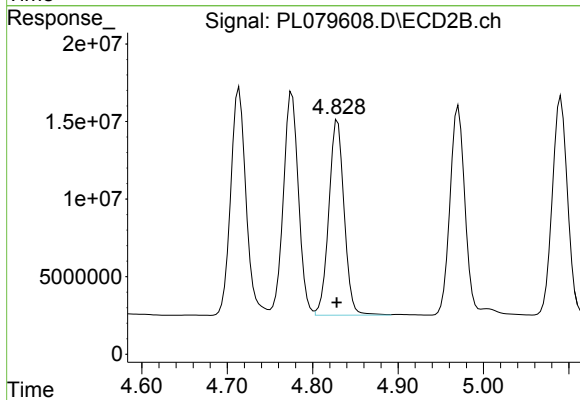
#9 Endosulfan I

R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 124802189
Conc: 46.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-18MS

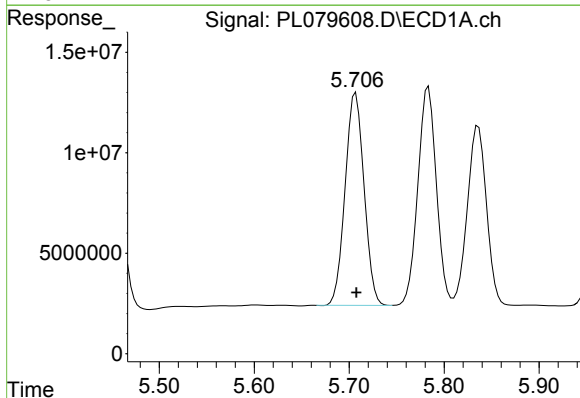
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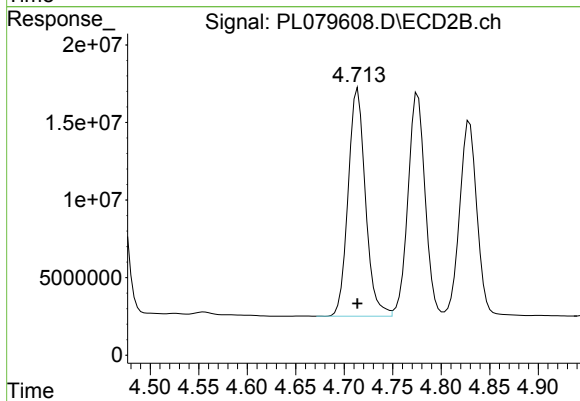
#9 Endosulfan I

R.T.: 4.829 min
Delta R.T.: 0.001 min
Response: 156935379
Conc: 49.05 ng/ml



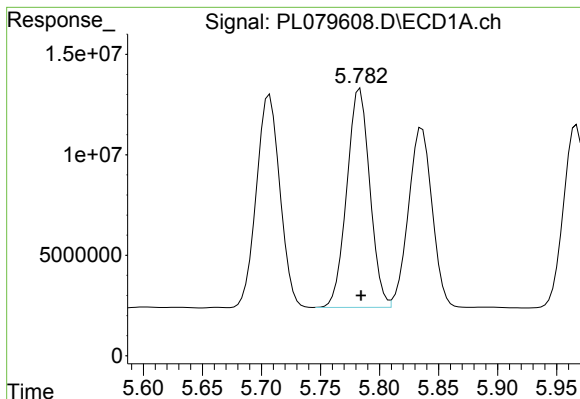
#10 gamma-Chlordane

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 146485208
Conc: 51.20 ng/ml



#10 gamma-Chlordane

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 182106939
Conc: 53.81 ng/ml



#11 alpha-Chlordane

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 147622239
Conc: 51.23 ng/ml

Instrument :

ECD_L

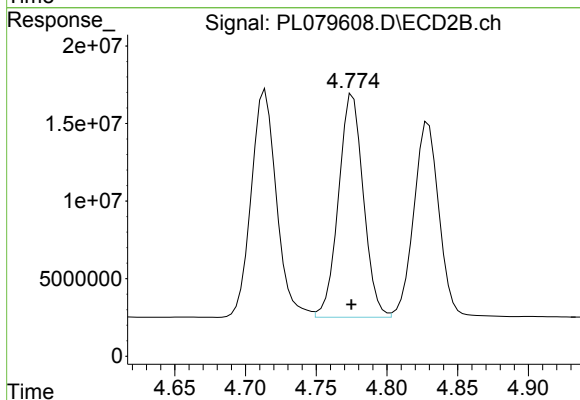
ClientSampleId :

MH-18MS

Manual Integrations

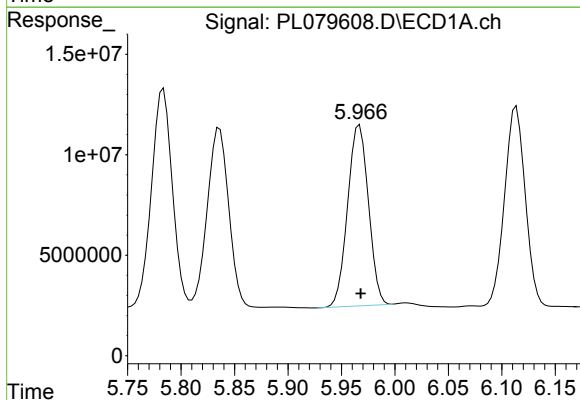
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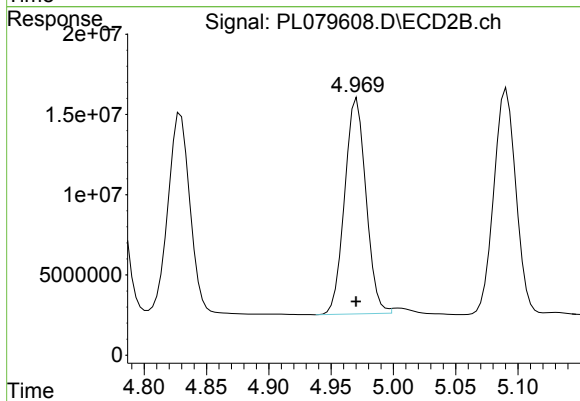
#11 alpha-Chlordane

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 176303289
Conc: 52.64 ng/ml



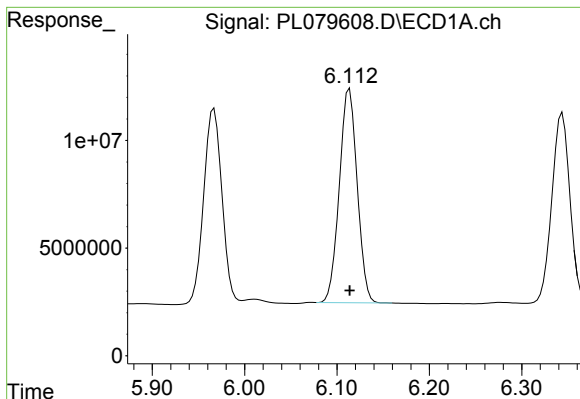
#12 4,4'-DDE

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 122090955
Conc: 48.87 ng/ml



#12 4,4'-DDE

R.T.: 4.971 min
Delta R.T.: 0.000 min
Response: 160789654
Conc: 52.44 ng/ml



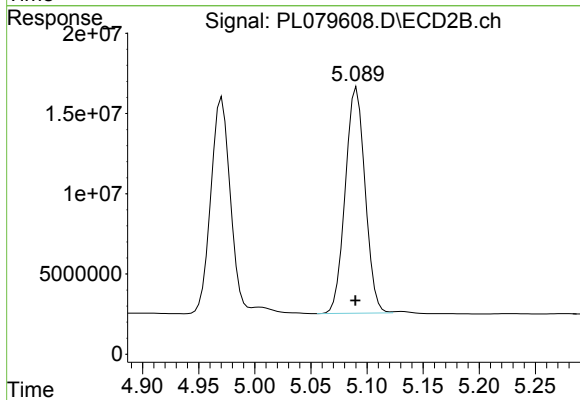
#13 Dieldrin

R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 133662649
Conc: 48.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-18MS

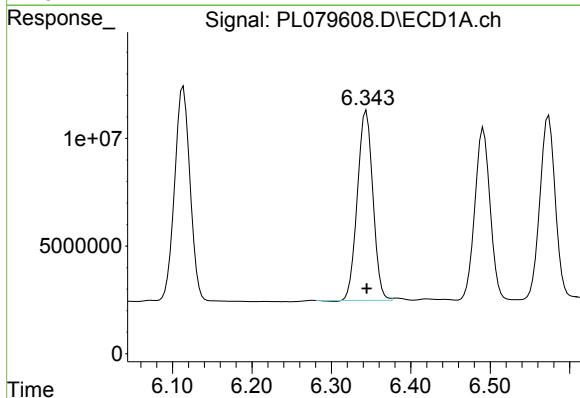
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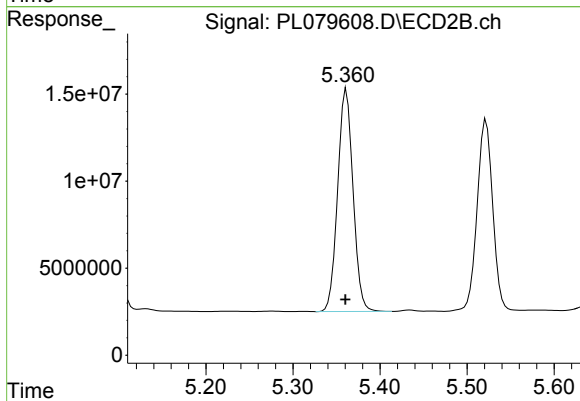
#13 Dieldrin

R.T.: 5.091 min
Delta R.T.: 0.001 min
Response: 172729922
Conc: 51.24 ng/ml



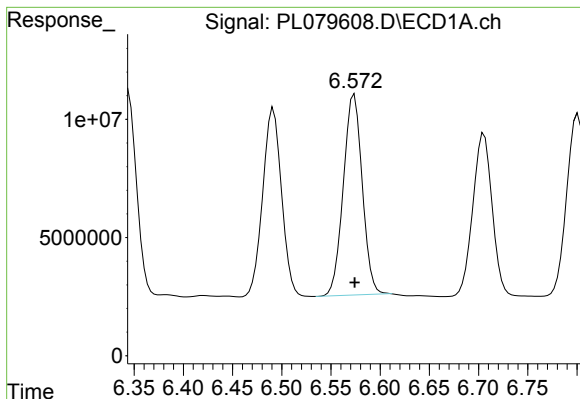
#14 Endrin

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 119333973
Conc: 49.33 ng/ml



#14 Endrin

R.T.: 5.361 min
Delta R.T.: 0.001 min
Response: 157187402
Conc: 51.97 ng/ml



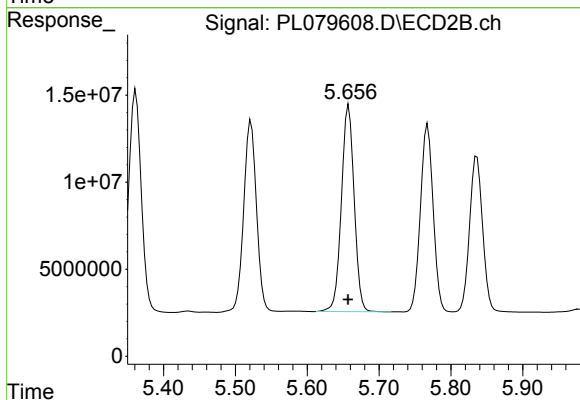
#15 Endosulfan II

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 113561916
Conc: 50.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-18MS

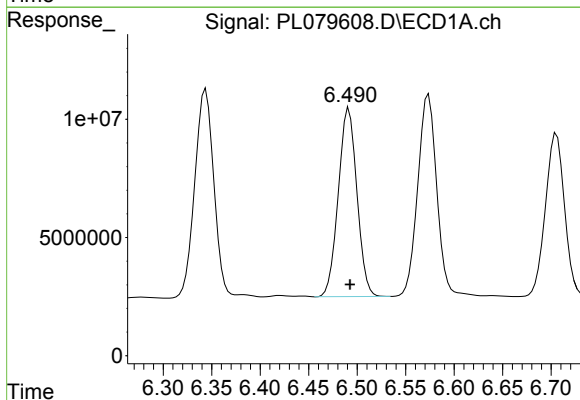
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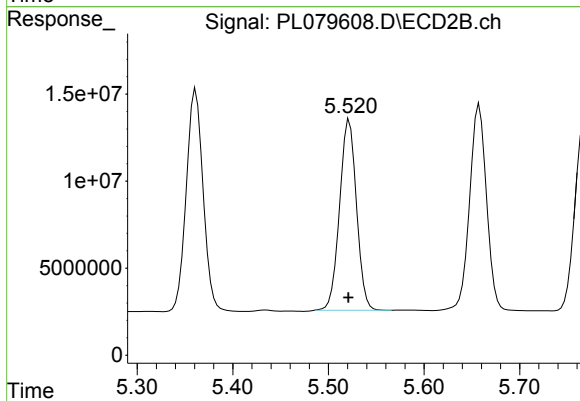
#15 Endosulfan II

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 146395459
Conc: 52.32 ng/ml



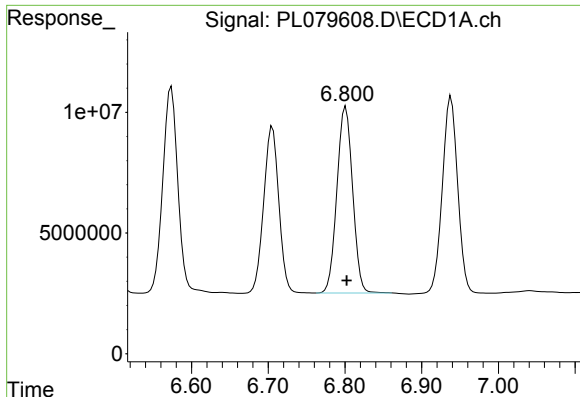
#16 4,4'-DDD

R.T.: 6.492 min
Delta R.T.: -0.001 min
Response: 106447214
Conc: 53.65 ng/ml



#16 4,4'-DDD

R.T.: 5.522 min
Delta R.T.: 0.000 min
Response: 134918088
Conc: 53.93 ng/ml



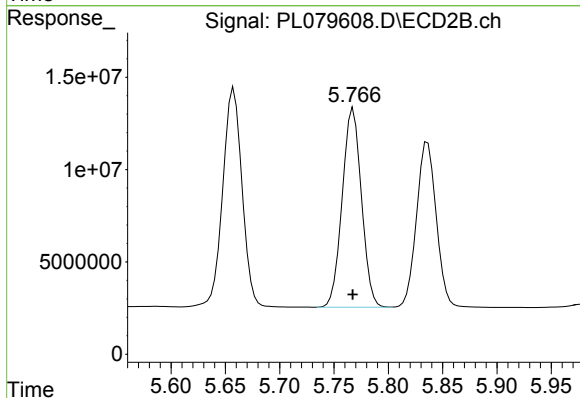
#17 4,4'-DDT

R.T.: 6.801 min
Delta R.T.: -0.001 min
Response: 109738743
Conc: 48.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-18MS

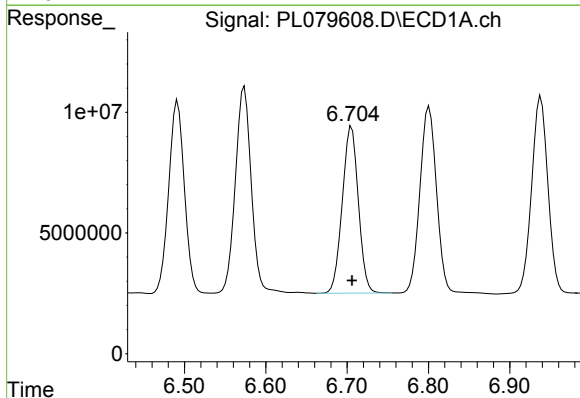
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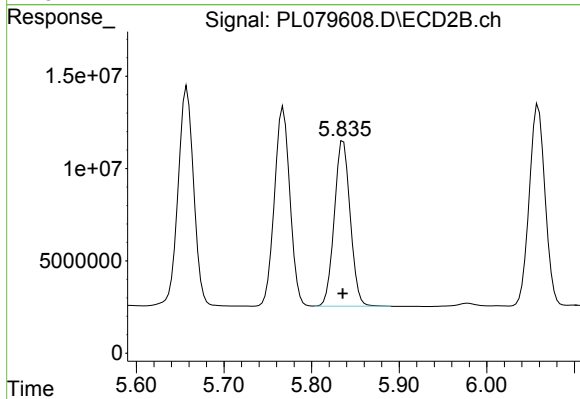
#17 4,4'-DDT

R.T.: 5.768 min
Delta R.T.: 0.000 min
Response: 132714834
Conc: 50.78 ng/ml



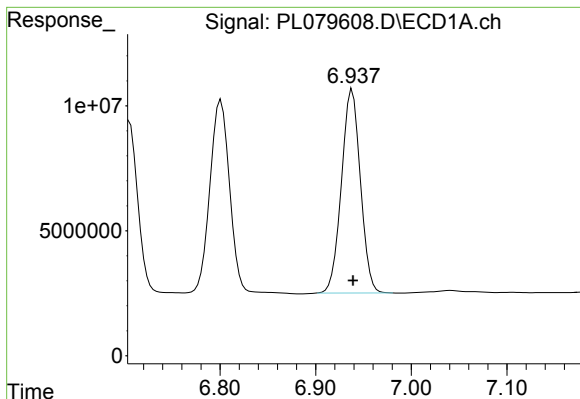
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 94511242
Conc: 52.18 ng/ml



#18 Endrin aldehyde

R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 113026714
Conc: 53.10 ng/ml



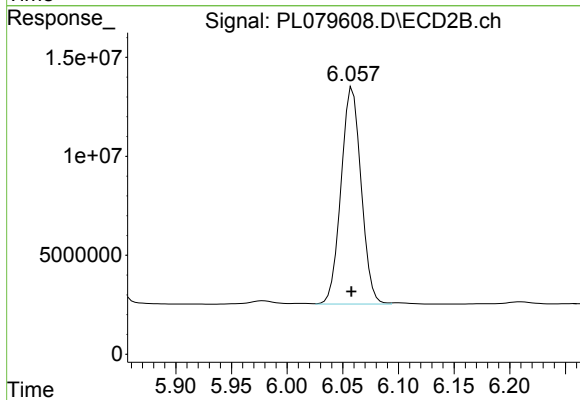
#19 Endosulfan Sulfate

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 112583703
Conc: 48.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-18MS

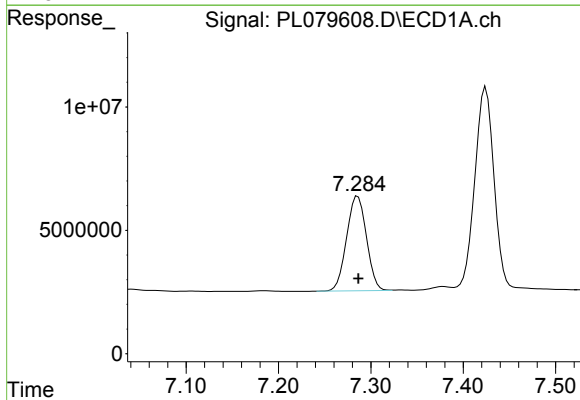
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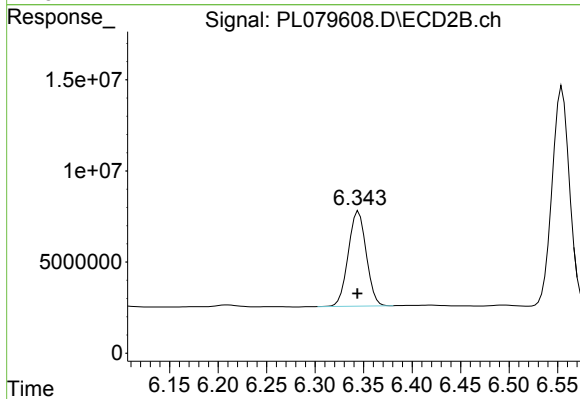
#19 Endosulfan Sulfate

R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 137629378
Conc: 48.78 ng/ml



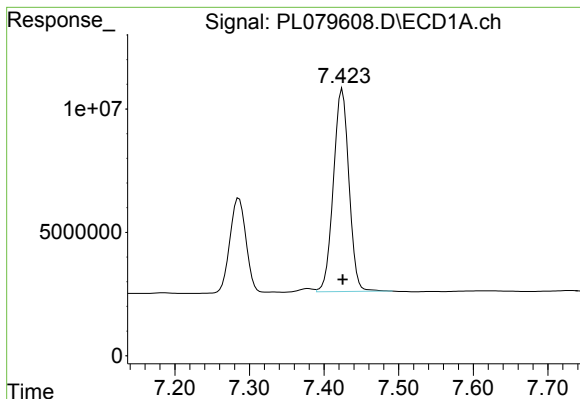
#20 Methoxychlor

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 57351671
Conc: 47.54 ng/ml



#20 Methoxychlor

R.T.: 6.345 min
Delta R.T.: 0.001 min
Response: 67229920
Conc: 49.46 ng/ml



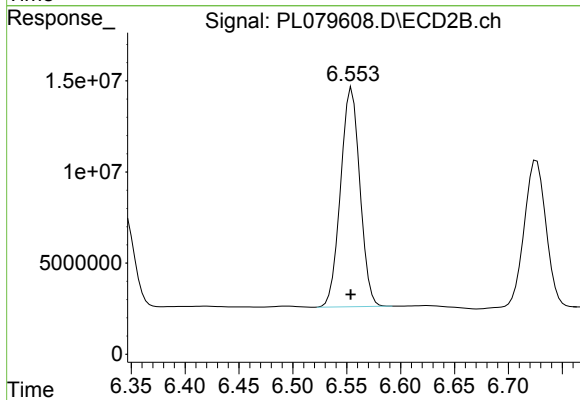
#21 Endrin ketone

R.T.: 7.425 min
Delta R.T.: 0.000 min
Response: 119090222
Conc: 48.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-18MS

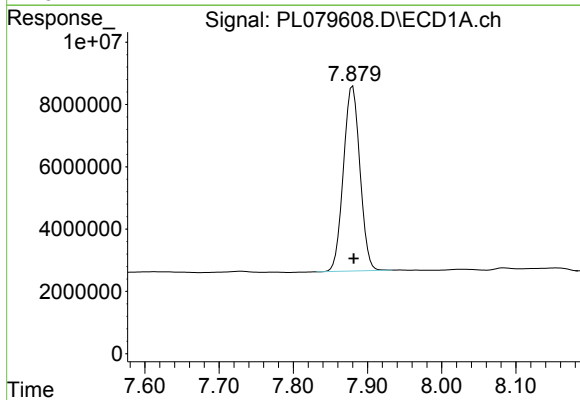
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Reviewed By :Abdul Mirza 12/07/2022
Supervised By :Ankita Jodhani 12/07/2022



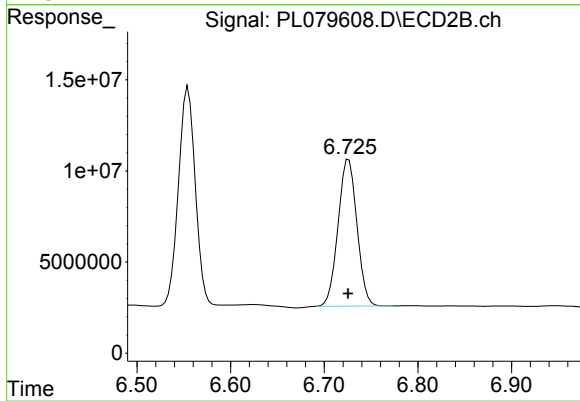
#21 Endrin ketone

R.T.: 6.555 min
Delta R.T.: 0.001 min
Response: 149942344
Conc: 48.68 ng/ml



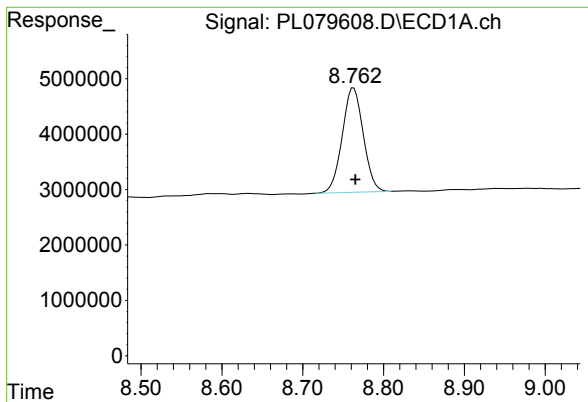
#22 Mirex

R.T.: 7.880 min
Delta R.T.: -0.001 min
Response: 91693303
Conc: 48.41 ng/ml



#22 Mirex

R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 113004048
Conc: 47.78 ng/ml



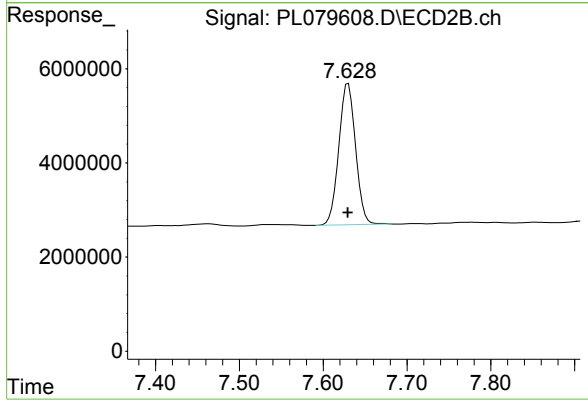
#28 Decachlorobiphenyl

R.T.: 8.763 min
Delta R.T.: -0.002 min
Response: 34086843
Conc: 17.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-18MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/07/2022
Supervised By :Ankita Jodhani 12/07/2022



#28 Decachlorobiphenyl

R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 41744892
Conc: 17.77 ng/ml