

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120622\
 Data File : PL079609.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2022 14:01
 Operator : AR\AJ
 Sample : N5883-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-18MSD

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 20:41:41 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	2.565	43323102	55395750	19.178	20.351
28)	SA Decachlor...	8.764	7.630	34219623	41238107	17.620	17.554
Target Compounds							
2)	A alpha-BHC	3.778	3.052	173.5E6	216.8E6	50.446	50.282
3)	MA gamma-BHC...	4.109	3.372	154.0E6	197.9E6	47.514m	50.815
4)	MA Heptachlor	4.681	3.699	159.1E6	193.5E6	48.297	50.298
5)	MB Aldrin	5.018	3.970	156.9E6	217.4E6	50.541	58.546
6)	B beta-BHC	4.326	3.673	62800465	71779729	44.478	47.374
7)	B delta-BHC	4.566	3.892	116.6E6	197.1E6	42.023	51.222
8)	B Heptachlo...	5.452	4.466	140.3E6	170.0E6	49.135	50.368
9)	A Endosulfan I	5.837	4.828	125.1E6	158.2E6	47.045	49.428
10)	B gamma-Chl...	5.707	4.714	146.5E6	183.6E6	51.195	54.241
11)	B alpha-Chl...	5.784	4.776	147.1E6	177.4E6	51.041	52.967
12)	B 4,4'-DDE	5.967	4.970	121.7E6	163.0E6	48.724	53.175
13)	MA Dieldrin	6.113	5.090	133.1E6	173.9E6	48.520	51.575
14)	MA Endrin	6.344	5.361	119.9E6	155.4E6	49.551	51.372
15)	B Endosulfa...	6.574	5.658	112.8E6	147.9E6	49.974	52.839
16)	A 4,4'-DDD	6.491	5.521	105.6E6	135.3E6	53.232	54.080
17)	MA 4,4'-DDT	6.802	5.768	108.9E6	134.6E6	48.002	51.498
18)	B Endrin al...	6.705	5.836	93896126	113.5E6	51.843	53.326
19)	B Endosulfa...	6.938	6.059	112.0E6	137.3E6	48.301	48.647
20)	A Methoxychlor	7.286	6.344	56562536	67426244	46.886	49.608
21)	B Endrin ke...	7.424	6.554	117.4E6	149.6E6	47.583	48.576
22)	Mirex	7.881	6.726	91047138	112.5E6	48.069	47.577

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

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 Data File : PL079609.D
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 Acq On : 06 Dec 2022 14:01
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 Sample : N5883-01MSD
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 ALS Vial : 17 Sample Multiplier: 1

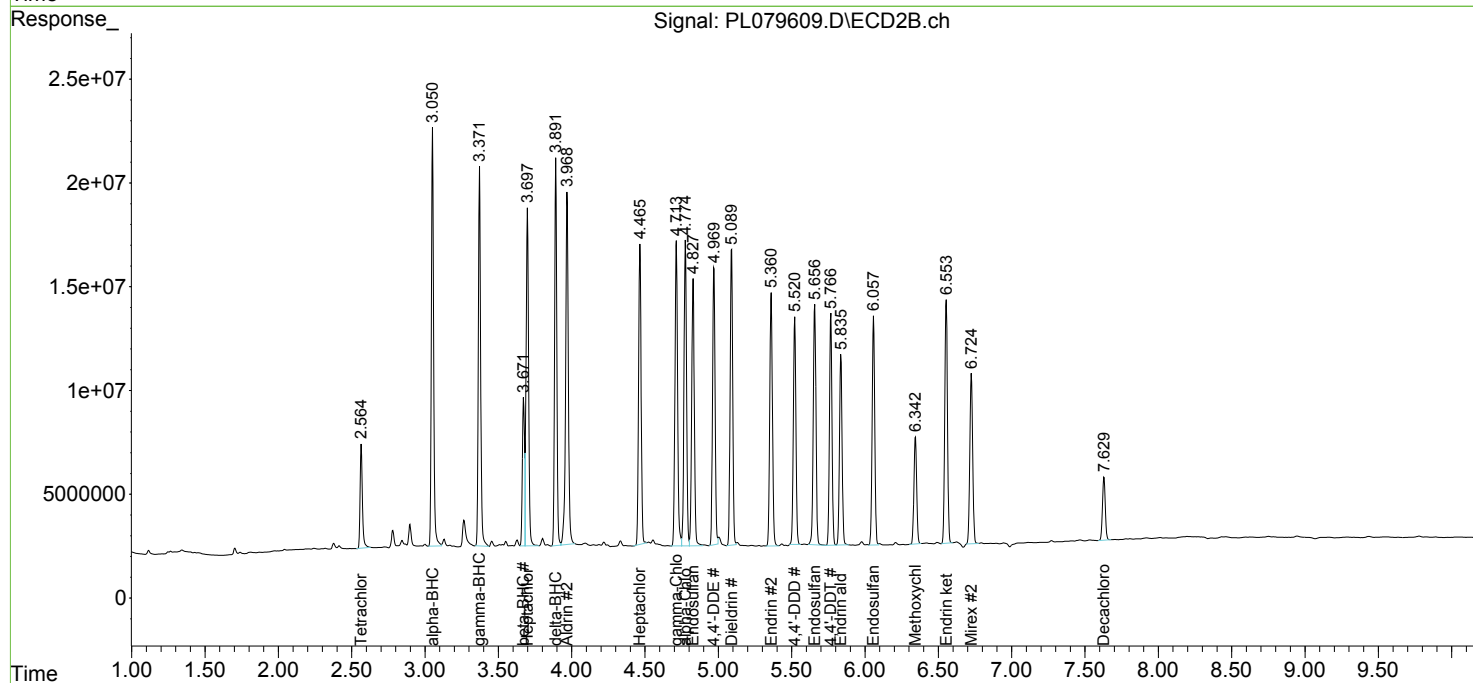
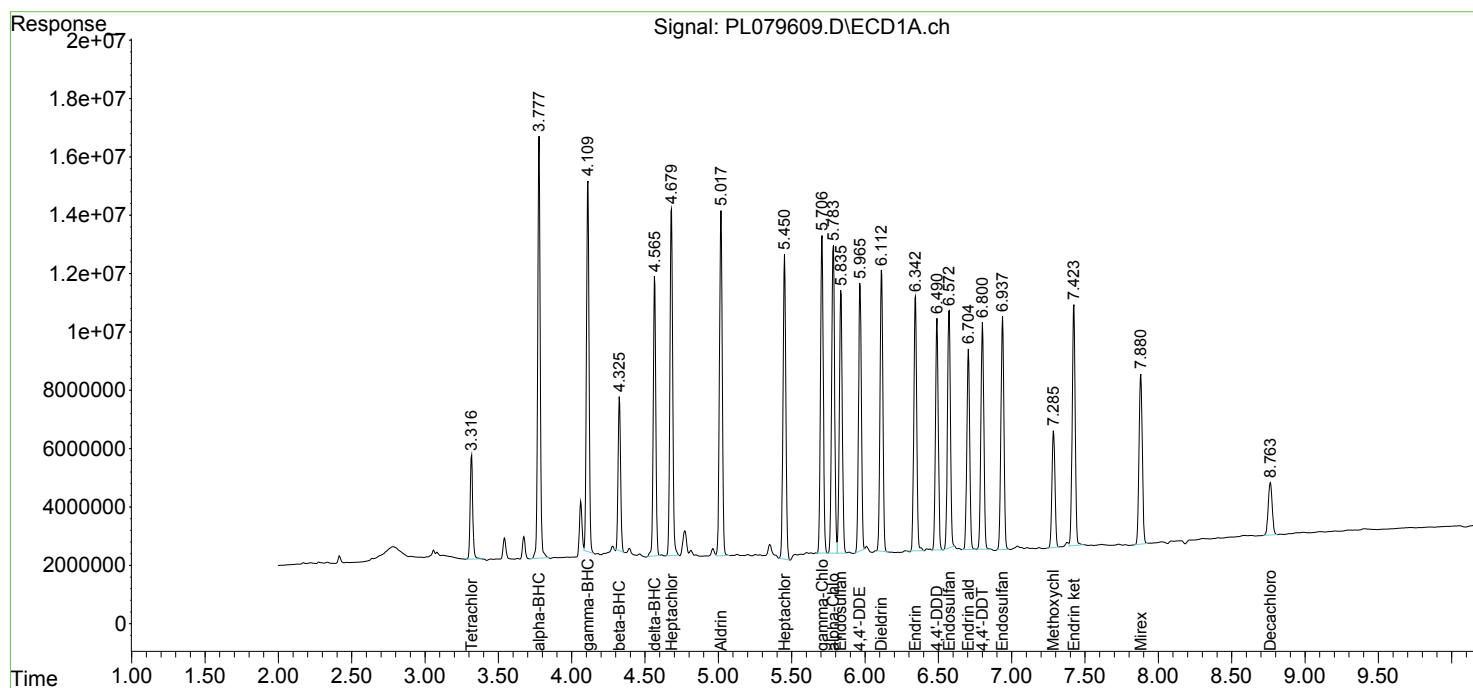
Instrument :
 ECD_L
 ClientSampleId :
 MH-18MSD

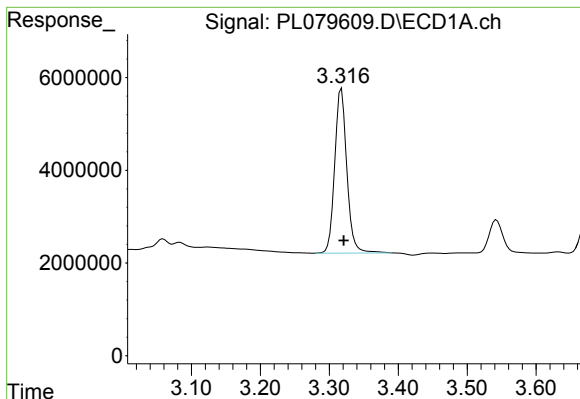
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 12/07/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 20:41:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112322.M
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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





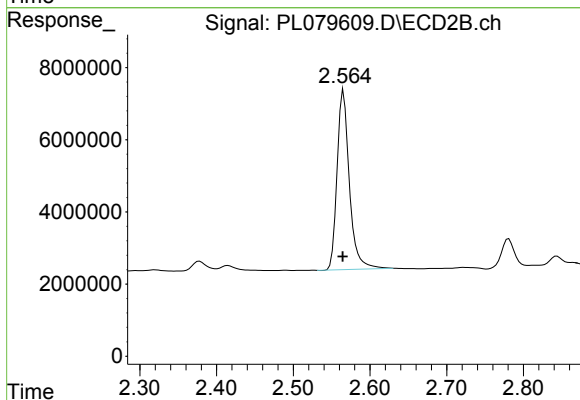
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: -0.003 min
Response: 43323102
Conc: 19.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-18MSD

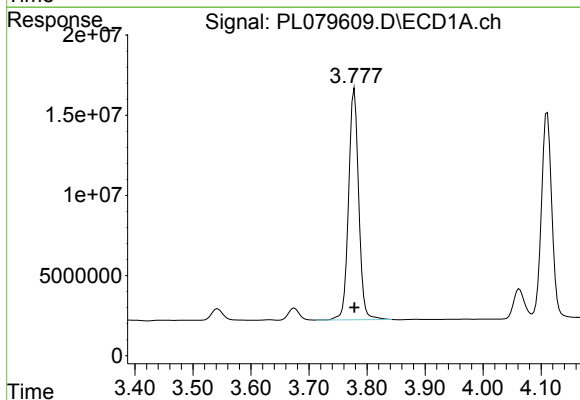
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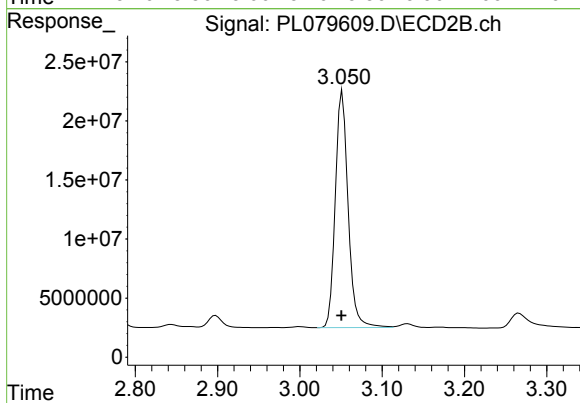
#1 Tetrachloro-m-xylene

R.T.: 2.565 min
Delta R.T.: 0.000 min
Response: 55395750
Conc: 20.35 ng/ml



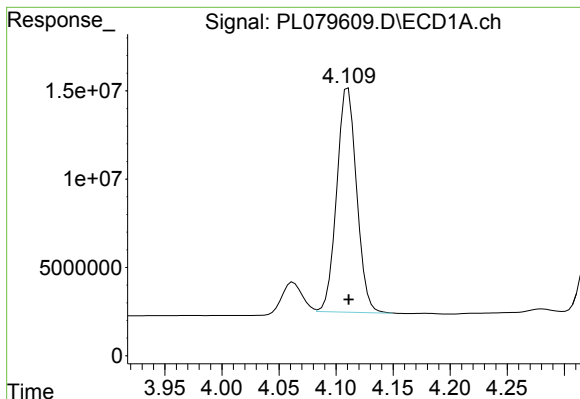
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 173472507
Conc: 50.45 ng/ml



#2 alpha-BHC

R.T.: 3.052 min
Delta R.T.: 0.000 min
Response: 216814534
Conc: 50.28 ng/ml



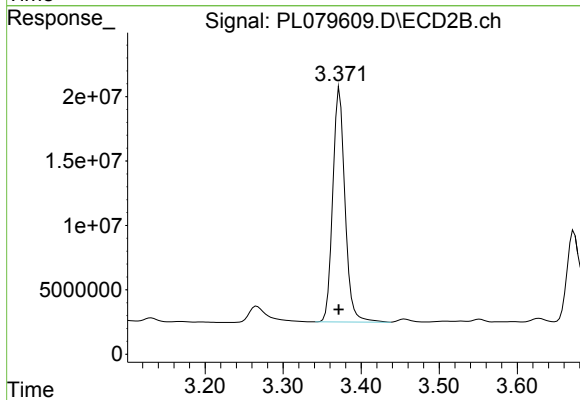
#3 gamma-BHC (Lindane)

R.T.: 4.109 min
Delta R.T.: -0.002 min
Response: 153984747
Conc: 47.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-18MSD

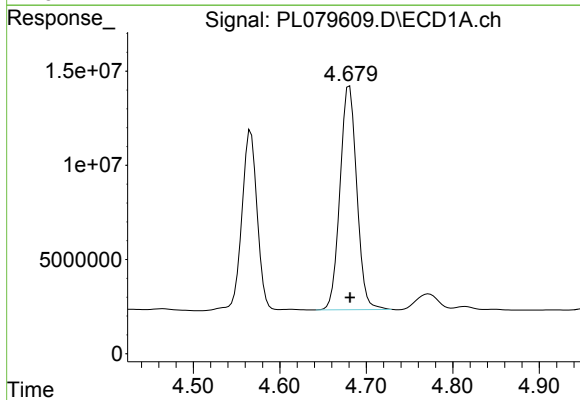
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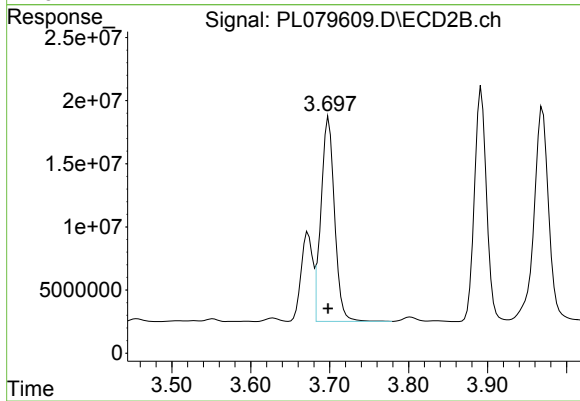
#3 gamma-BHC (Lindane)

R.T.: 3.372 min
Delta R.T.: 0.000 min
Response: 197856730
Conc: 50.82 ng/ml



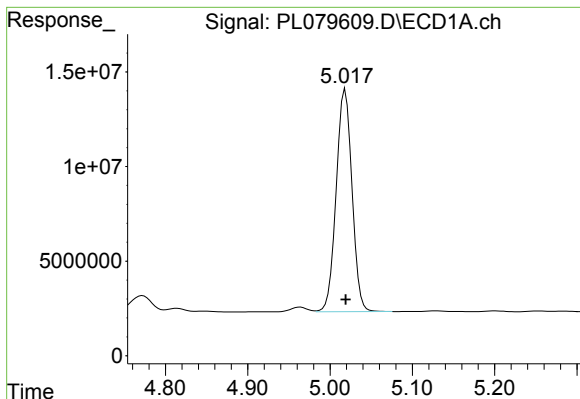
#4 Heptachlor

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 159148434
Conc: 48.30 ng/ml



#4 Heptachlor

R.T.: 3.699 min
Delta R.T.: 0.000 min
Response: 193532442
Conc: 50.30 ng/ml



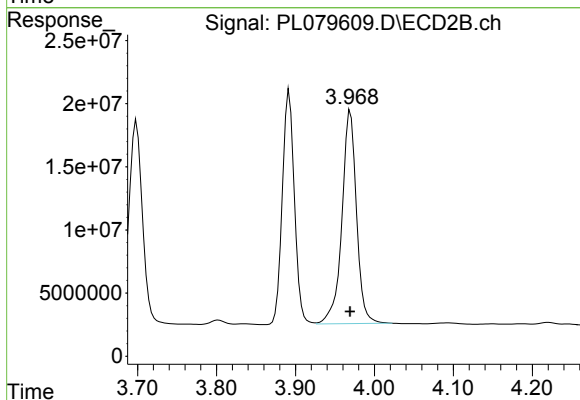
#5 Aldrin

R.T.: 5.018 min
Delta R.T.: 0.000 min
Response: 156947084
Conc: 50.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-18MSD

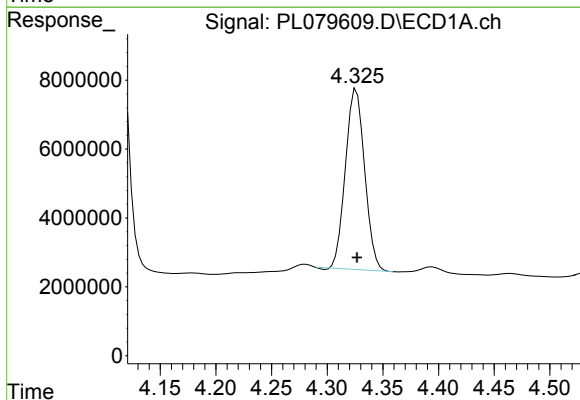
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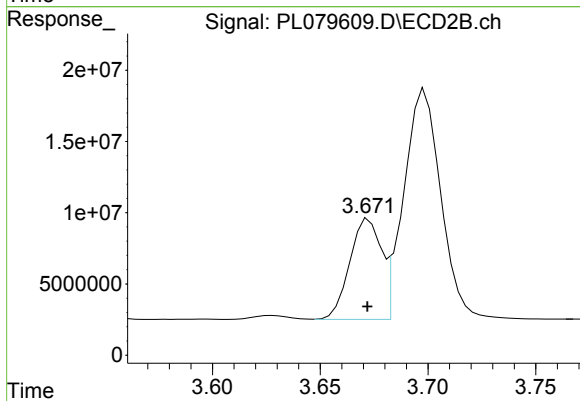
#5 Aldrin

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 217373664
Conc: 58.55 ng/ml



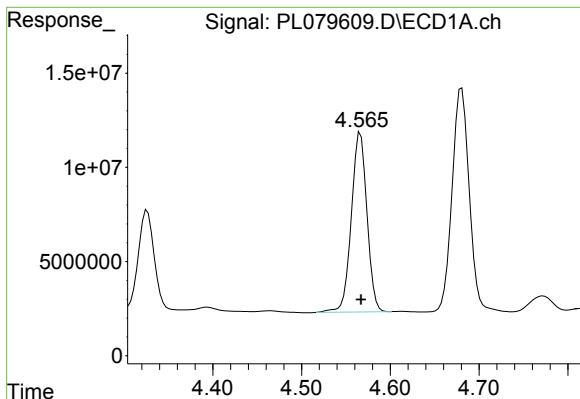
#6 beta-BHC

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 62800465
Conc: 44.48 ng/ml



#6 beta-BHC

R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 71779729
Conc: 47.37 ng/ml



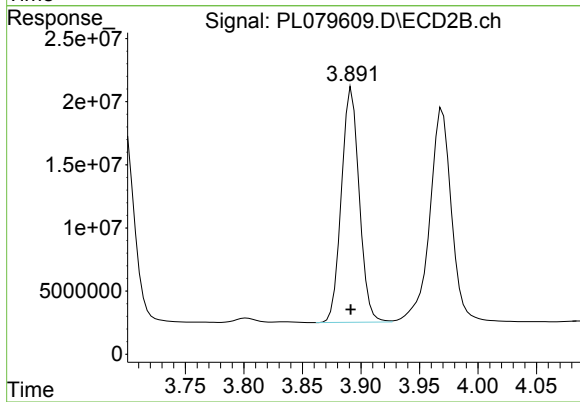
#7 delta-BHC

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 116587812
Conc: 42.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-18MSD

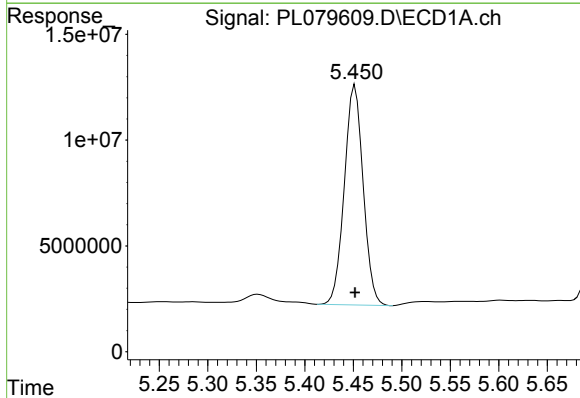
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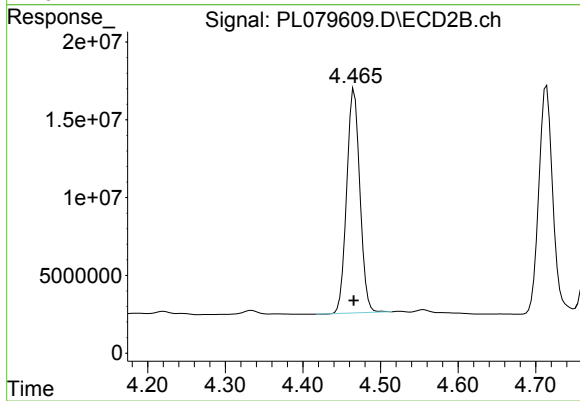
#7 delta-BHC

R.T.: 3.892 min
Delta R.T.: 0.000 min
Response: 197062100
Conc: 51.22 ng/ml



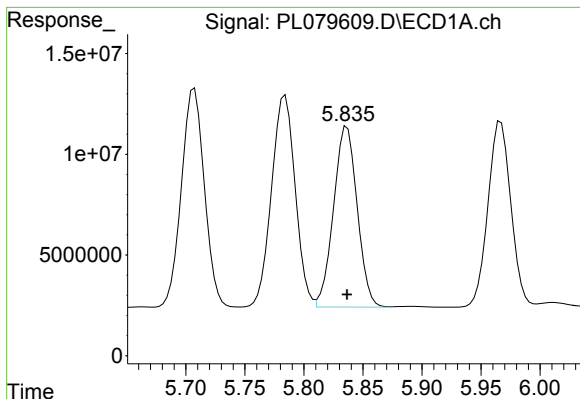
#8 Heptachlor epoxide

R.T.: 5.452 min
Delta R.T.: 0.000 min
Response: 140279027
Conc: 49.14 ng/ml



#8 Heptachlor epoxide

R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 170009694
Conc: 50.37 ng/ml



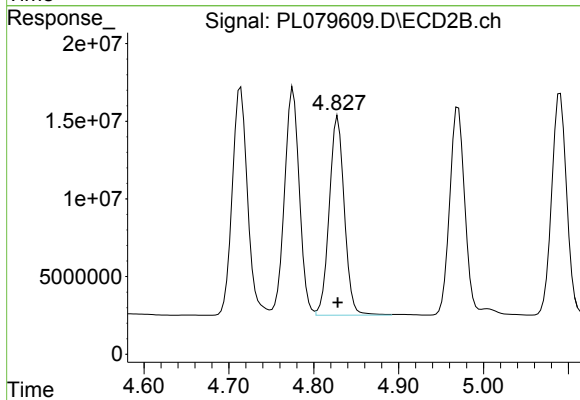
#9 Endosulfan I

R.T.: 5.837 min
Delta R.T.: 0.000 min
Response: 125078296
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-18MSD

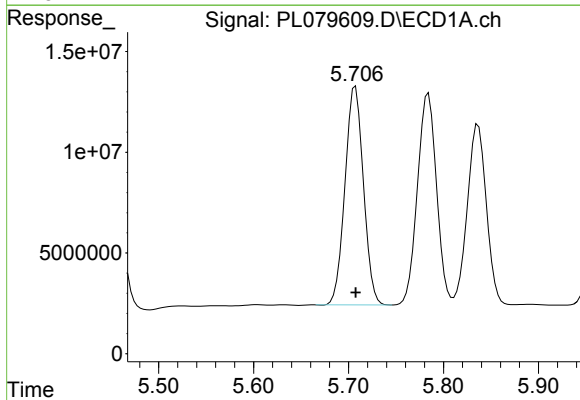
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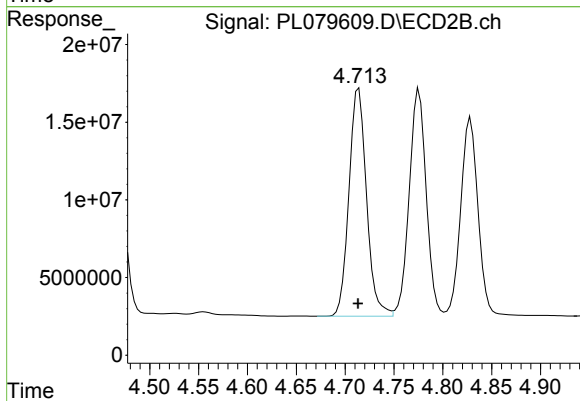
#9 Endosulfan I

R.T.: 4.828 min
Delta R.T.: 0.000 min
Response: 158160831
Conc: 49.43 ng/ml



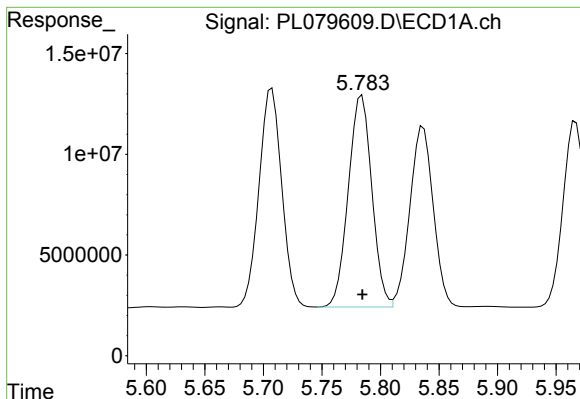
#10 gamma-Chlordane

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 146478668
Conc: 51.19 ng/ml



#10 gamma-Chlordane

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 183563553
Conc: 54.24 ng/ml



#11 alpha-Chlordane

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 147079921
Conc: 51.04 ng/ml

Instrument :

ECD_L

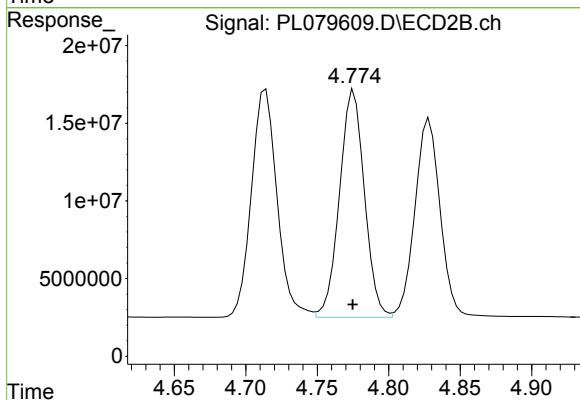
ClientSampleId :

MH-18MSD

Manual Integrations

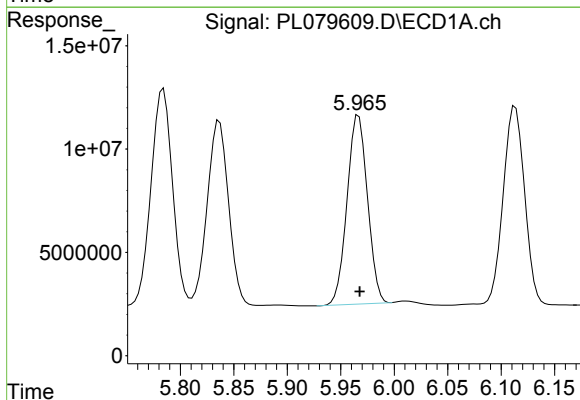
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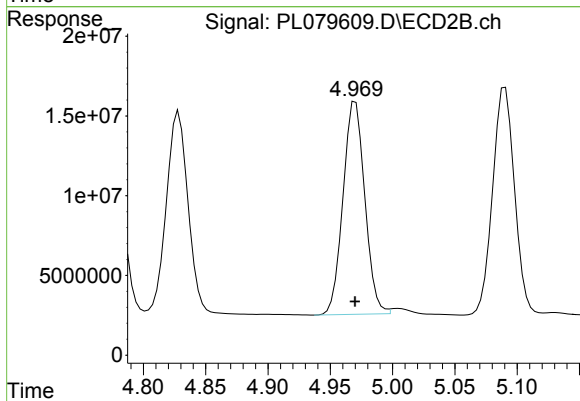
#11 alpha-Chlordane

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 177396726
Conc: 52.97 ng/ml



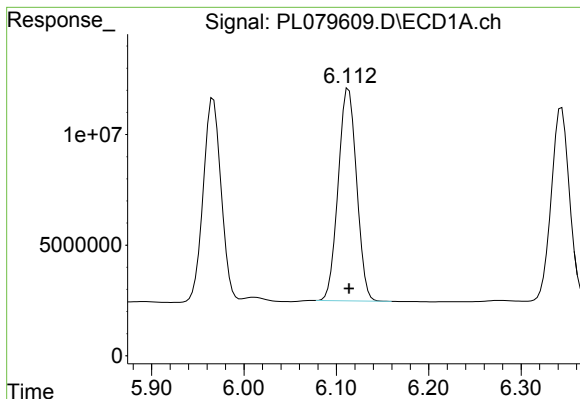
#12 4,4'-DDE

R.T.: 5.967 min
Delta R.T.: -0.001 min
Response: 121729229
Conc: 48.72 ng/ml



#12 4,4'-DDE

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 163041889
Conc: 53.18 ng/ml



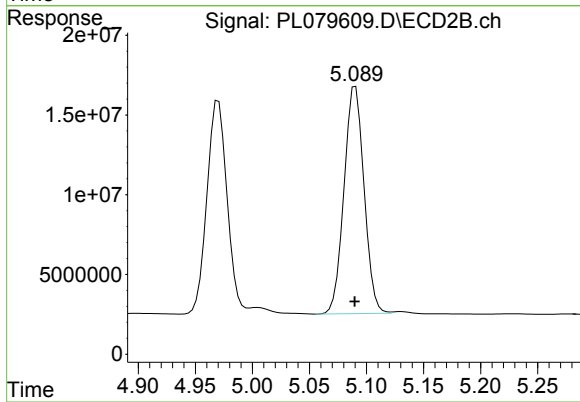
#13 Dieldrin

R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 133083901
Conc: 48.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
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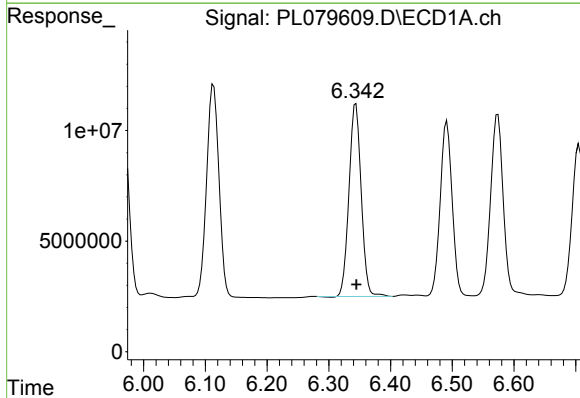
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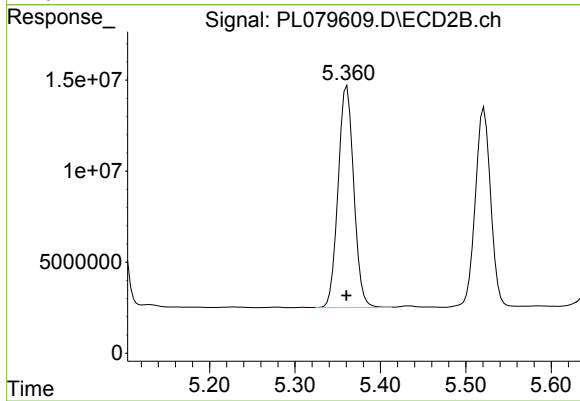
#13 Dieldrin

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 173867128
Conc: 51.57 ng/ml



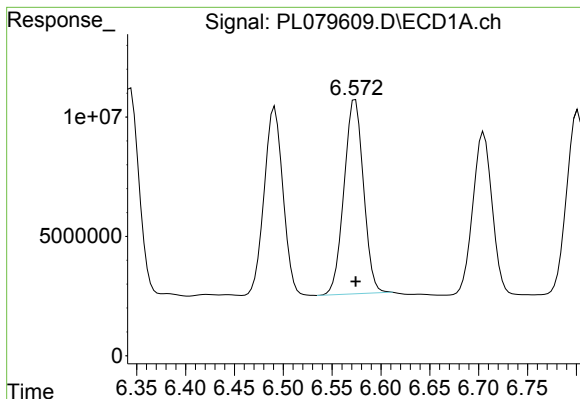
#14 Endrin

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 119872463
Conc: 49.55 ng/ml



#14 Endrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 155385155
Conc: 51.37 ng/ml



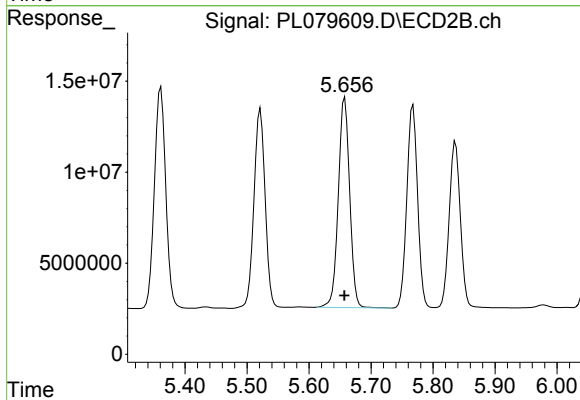
#15 Endosulfan II

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 112813466
Conc: 49.97 ng/ml

Instrument :
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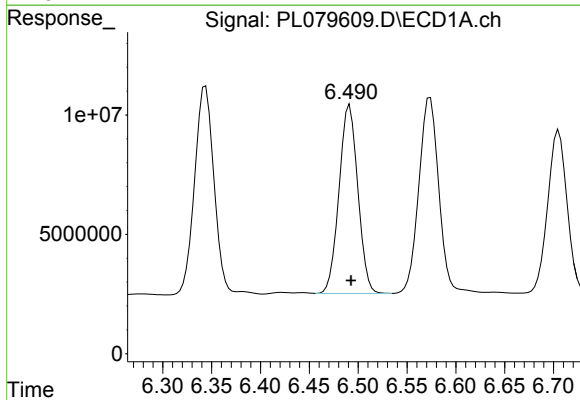
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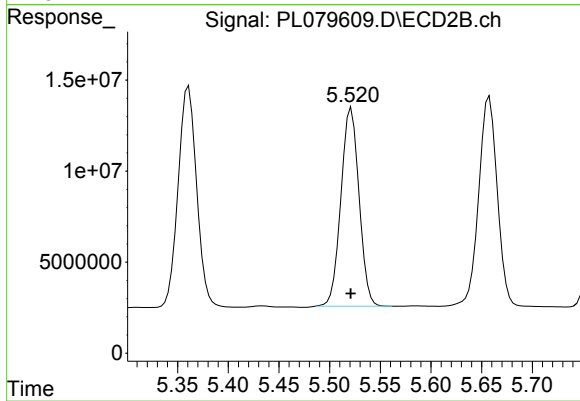
#15 Endosulfan II

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 147854617
Conc: 52.84 ng/ml



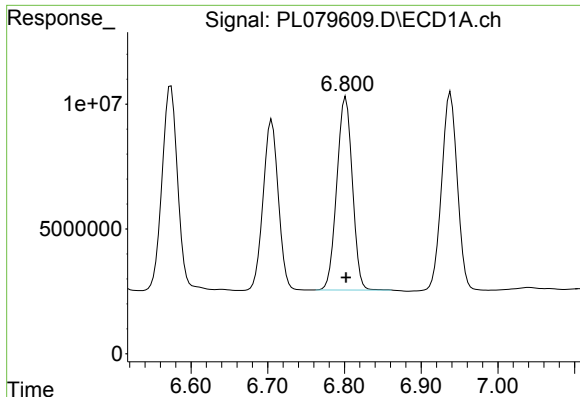
#16 4,4'-DDD

R.T.: 6.491 min
Delta R.T.: -0.001 min
Response: 105613829
Conc: 53.23 ng/ml



#16 4,4'-DDD

R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 135280851
Conc: 54.08 ng/ml



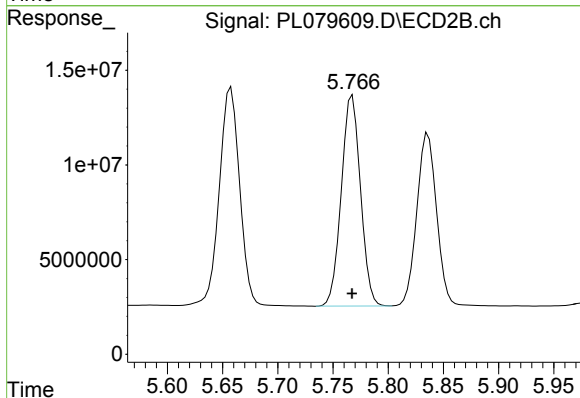
#17 4,4'-DDT

R.T.: 6.802 min
Delta R.T.: 0.000 min
Response: 108885427
Conc: 48.00 ng/ml

Instrument :
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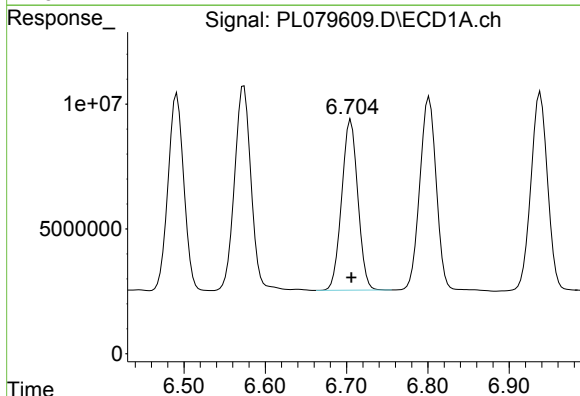
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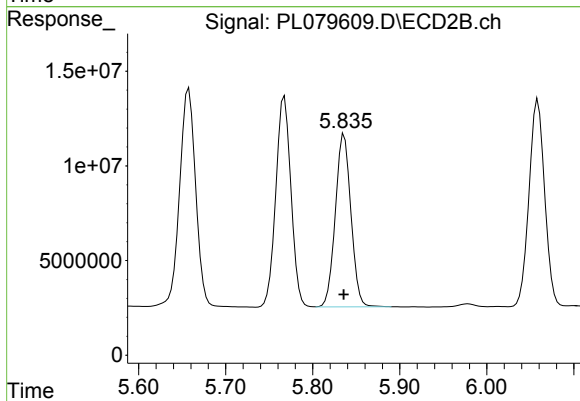
#17 4,4'-DDT

R.T.: 5.768 min
Delta R.T.: 0.000 min
Response: 134594330
Conc: 51.50 ng/ml



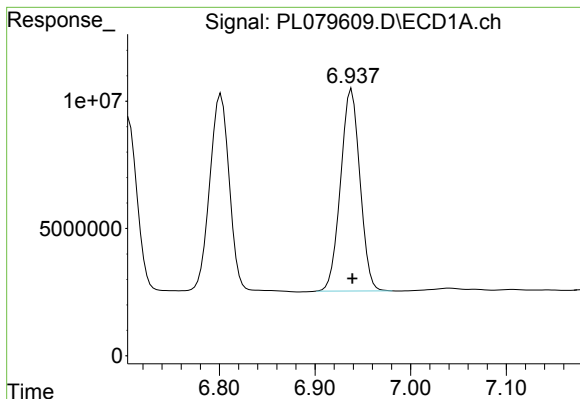
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 93896126
Conc: 51.84 ng/ml



#18 Endrin aldehyde

R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 113501168
Conc: 53.33 ng/ml



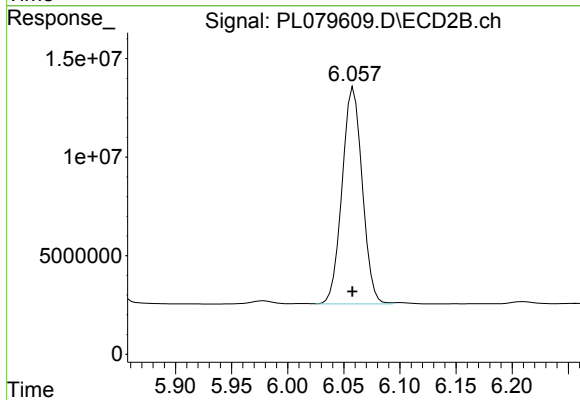
#19 Endosulfan Sulfate

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 112005314
Conc: 48.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-18MSD

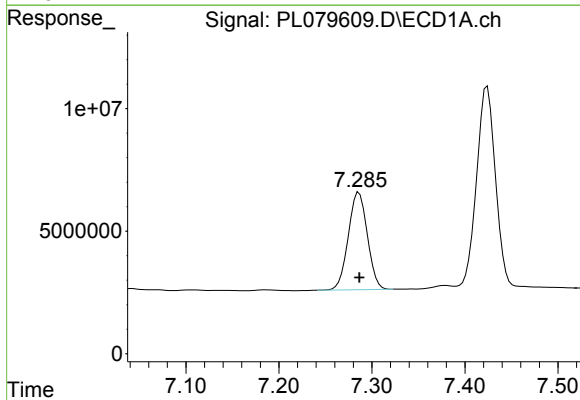
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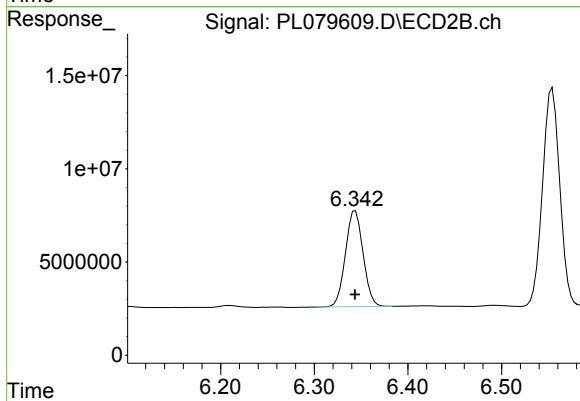
#19 Endosulfan Sulfate

R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 137267901
Conc: 48.65 ng/ml



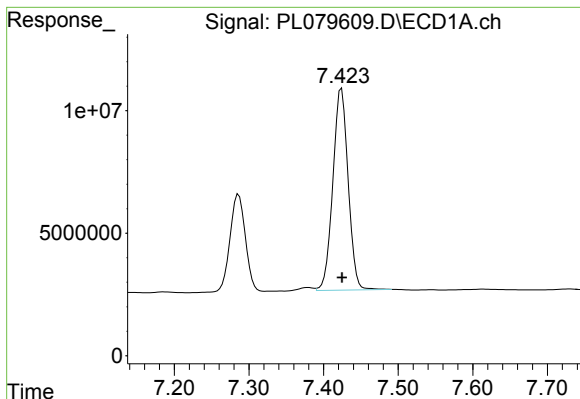
#20 Methoxychlor

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 56562536
Conc: 46.89 ng/ml



#20 Methoxychlor

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 67426244
Conc: 49.61 ng/ml



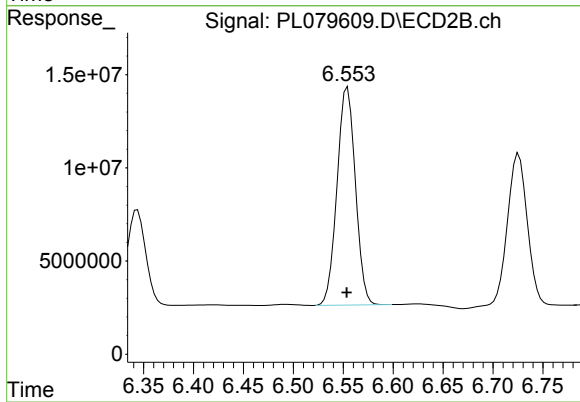
#21 Endrin ketone

R.T.: 7.424 min
Delta R.T.: 0.000 min
Response: 117399052
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-18MSD

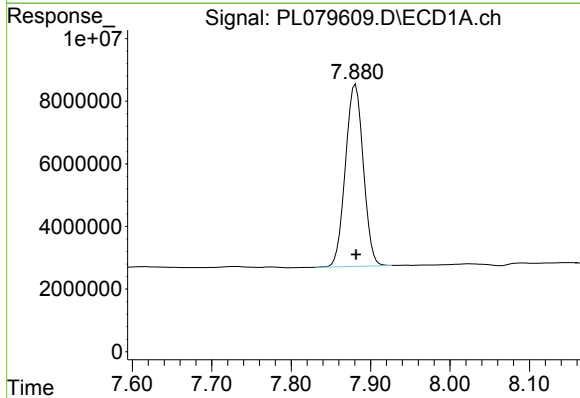
Manual Integrations
APPROVED

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



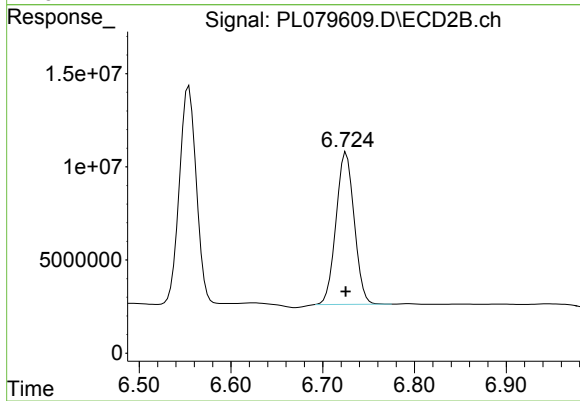
#21 Endrin ketone

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 149610333
Conc: 48.58 ng/ml



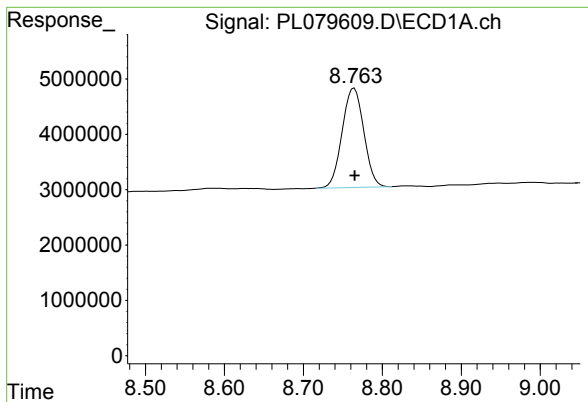
#22 Mirex

R.T.: 7.881 min
Delta R.T.: 0.000 min
Response: 91047138
Conc: 48.07 ng/ml



#22 Mirex

R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 112520984
Conc: 47.58 ng/ml



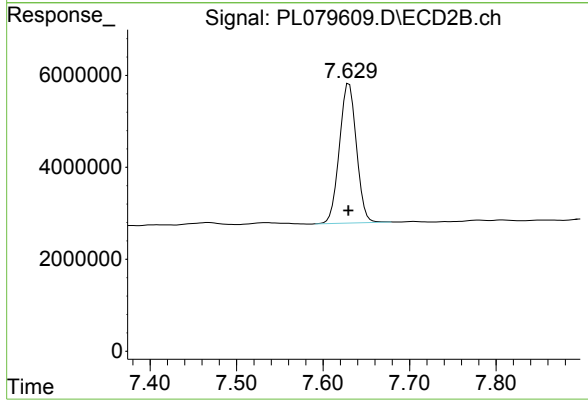
#28 Decachlorobiphenyl

R.T.: 8.764 min
Delta R.T.: 0.000 min
Response: 34219623
Conc: 17.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-18MSD

Manual Integrations
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Supervised By :Ankita Jodhani 12/07/2022



#28 Decachlorobiphenyl

R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 41238107
Conc: 17.55 ng/ml