

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122223\
 Data File : PL087390.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Dec 2023 21:59
 Operator : AR\AJ
 Sample : 05909-08MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 GHL-SD-46MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/26/2023
 Supervised By : Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 23 05:09:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 2023
 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...	3.422	2.678	47212960	18900294	12.545	11.228
2)	SA Decachlor...	8.979	7.864	40647902	17981087	11.920	10.646m
Target Compounds							
2)	A alpha-BHC	3.878	3.181	187.3E6	76545495	34.591	31.146m
3)	MA gamma-BHC...	4.212	3.513	176.9E6	74024913	33.654	30.558
4)	MA Heptachlor	4.802	3.855	178.5E6	71575570	33.515m	29.944
5)	MB Aldrin	5.145	4.134	168.0E6	70036407	32.272m	29.209m
6)	B beta-BHC	4.410	3.814	77941142	31626070	33.935m	30.381
7)	B delta-BHC	4.656	4.043	168.9E6	69907857	32.304m	28.578
8)	B Heptachlo...	5.577	4.643	155.6E6	65171223	33.009	29.286
9)	A Endosulfan I	5.963	5.015	148.4E6	94785921	33.224	43.859 #
10)	B gamma-Chl...	5.834	4.896	232.2E6	65585344	47.887	28.673 #
11)	B alpha-Chl...	5.915	4.961	156.6E6	67241051	32.578	29.134
12)	B 4,4'-DDE	6.096	5.159	127.2E6	58412789	30.699	29.419
13)	MA Dieldrin	6.242	5.280	143.4E6	61431410	30.900	27.575m
14)	MA Endrin	6.471	5.556	116.8E6	54744406	30.359	27.432
15)	B Endosulfa...	6.692	5.854	121.0E6	53320578	30.179	27.386
16)	A 4,4'-DDD	6.617	5.717	113.7E6	55021722	34.399	33.231
17)	MA 4,4'-DDT	6.934	5.970	108.6E6	48302412	28.891	26.190
18)	B Endrin al...	6.824	6.036	98448162	42773747	33.967	29.145
19)	B Endosulfa...	7.061	6.260	130.6E6	55531867	33.250	29.478m
20)	A Methoxychlor	7.419	6.554	58790931	29079050	30.150	28.470m
21)	B Endrin ke...	7.547	6.766	130.3E6	64265723	32.019m	30.190m
22)	Mirex	8.023	6.948	107.4E6	51661723	31.893m	29.038m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122223\
Data File : PL087390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Dec 2023 21:59
Operator : AR\AJ
Sample : 05909-08MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

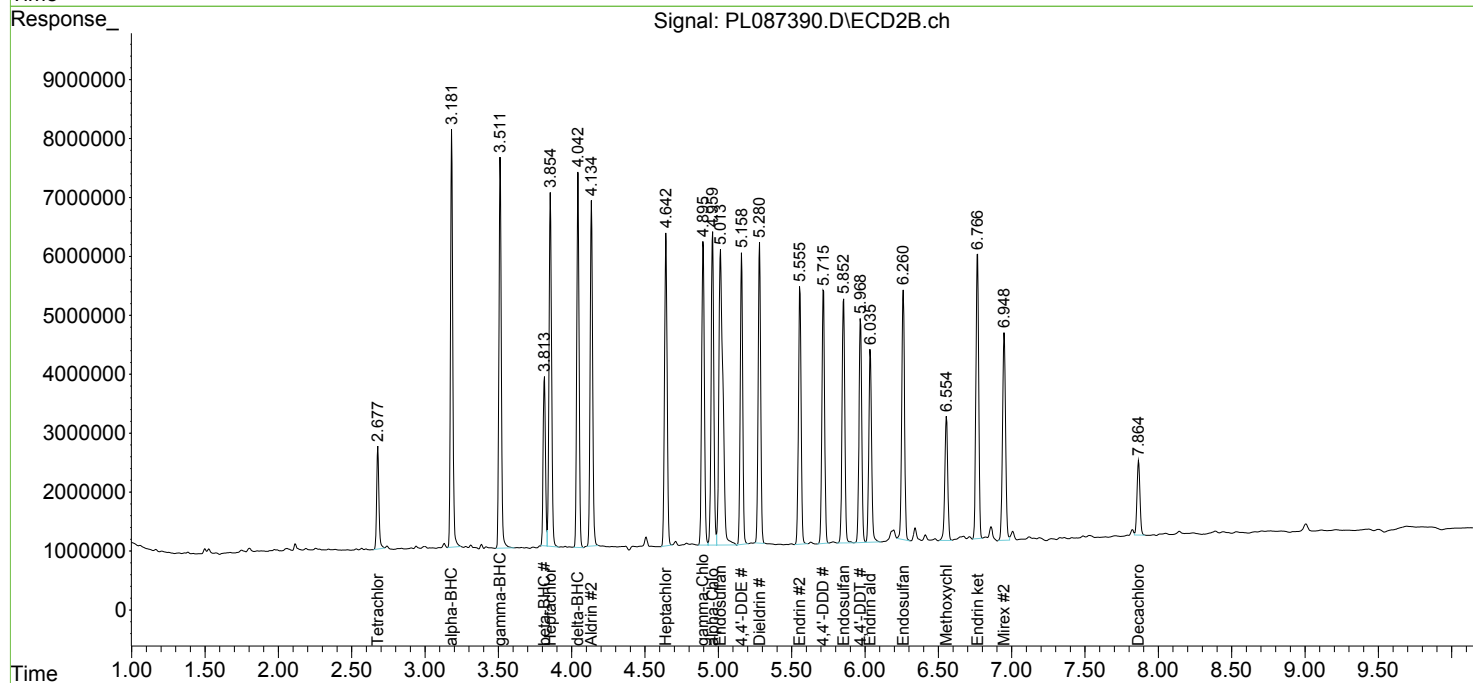
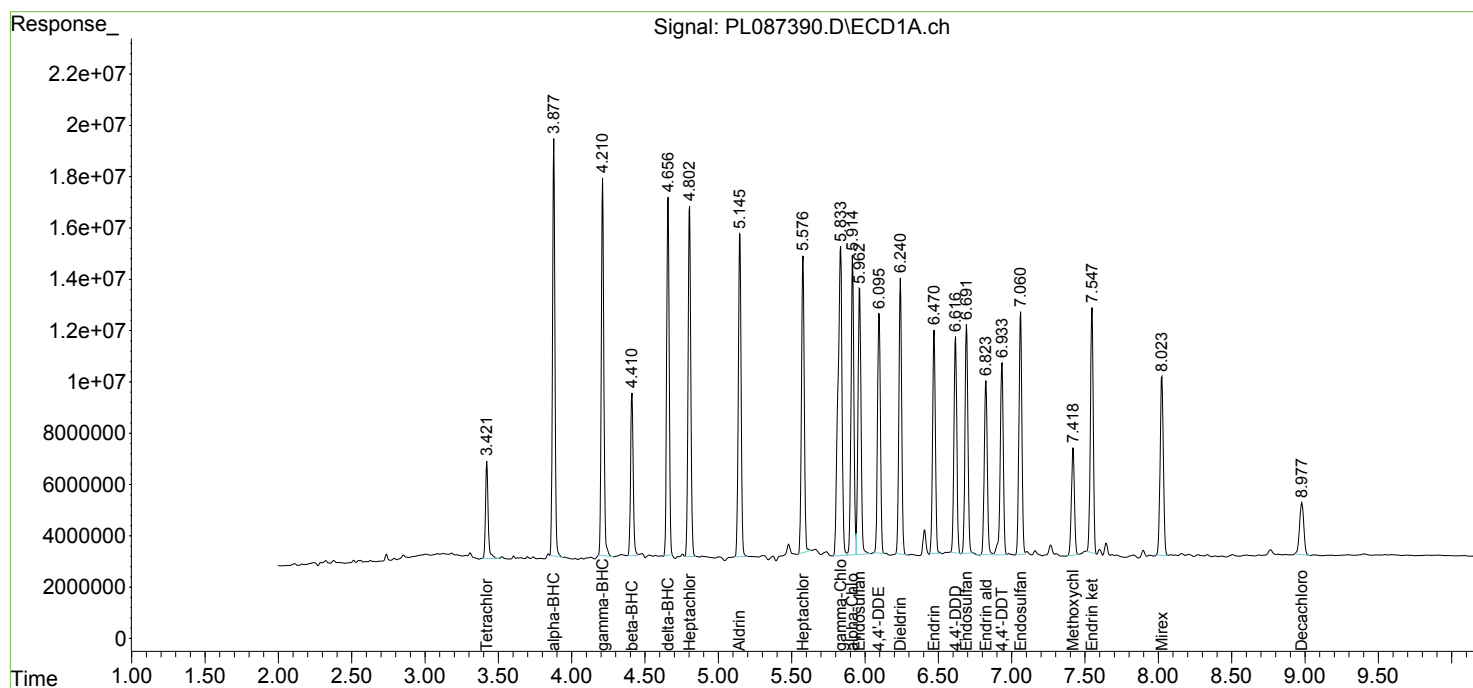
Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MSD

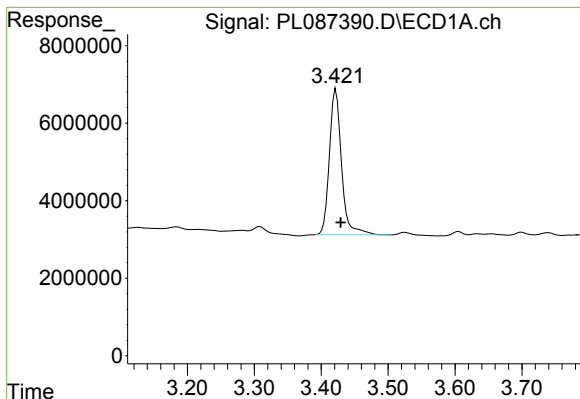
Manual Integrations
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Supervised By : Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 23 05:09:31 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 2023
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





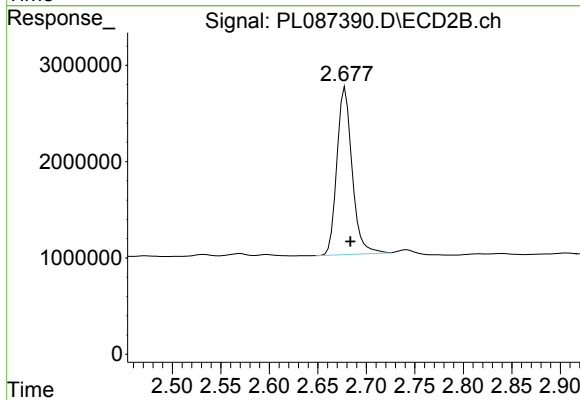
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 47212960
Conc: 12.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MSD

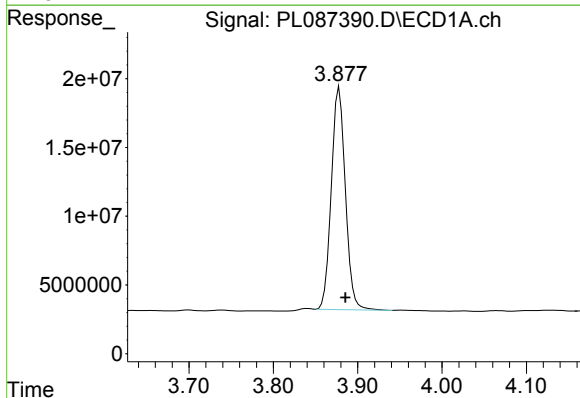
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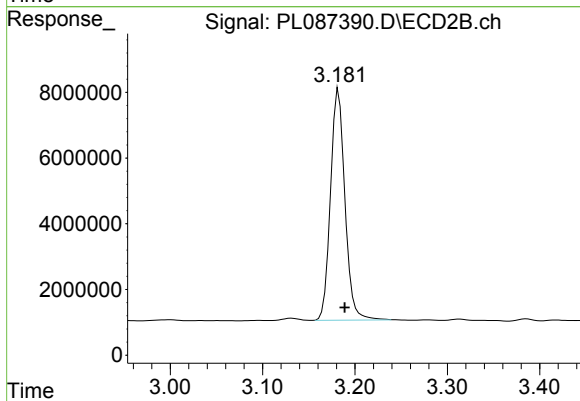
#1 Tetrachloro-m-xylene

R.T.: 2.678 min
Delta R.T.: -0.005 min
Response: 18900294
Conc: 11.23 ng/ml



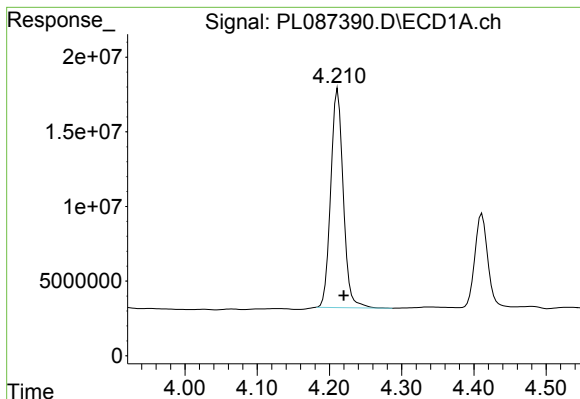
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: -0.007 min
Response: 187279336
Conc: 34.59 ng/ml



#2 alpha-BHC

R.T.: 3.181 min
Delta R.T.: -0.008 min
Response: 76545495
Conc: 31.15 ng/ml m



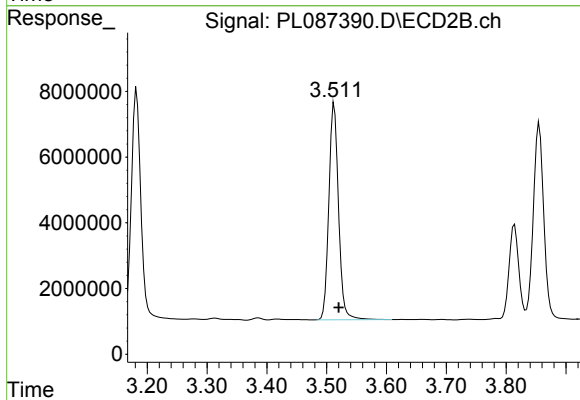
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.008 min
Response: 176876307
Conc: 33.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MSD

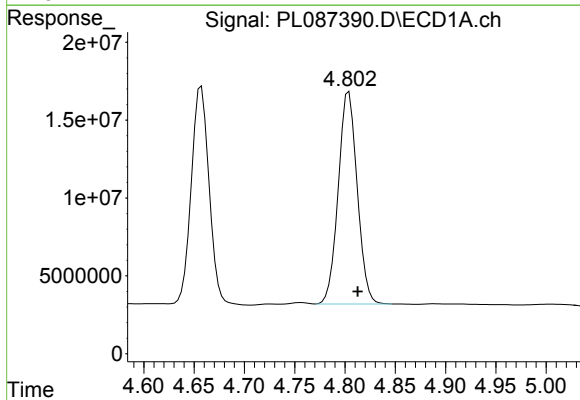
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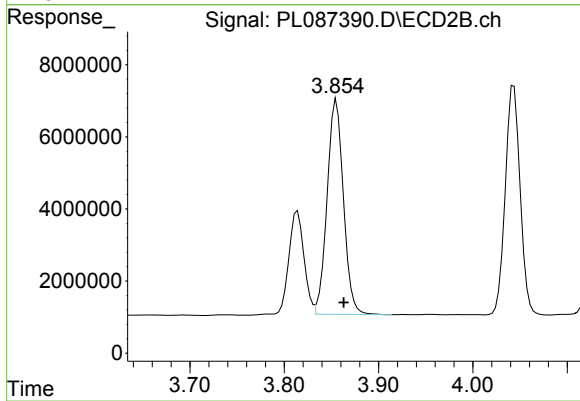
#3 gamma-BHC (Lindane)

R.T.: 3.513 min
Delta R.T.: -0.007 min
Response: 74024913
Conc: 30.56 ng/ml



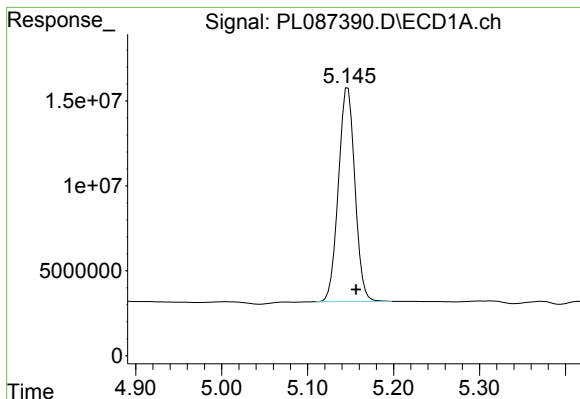
#4 Heptachlor

R.T.: 4.802 min
Delta R.T.: -0.010 min
Response: 178521114
Conc: 33.52 ng/ml m



#4 Heptachlor

R.T.: 3.855 min
Delta R.T.: -0.008 min
Response: 71575570
Conc: 29.94 ng/ml



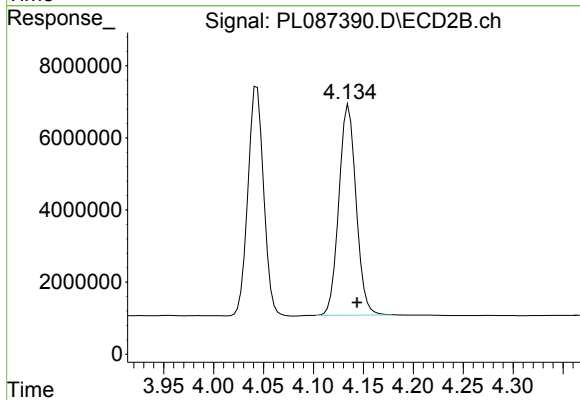
#5 Aldrin

R.T.: 5.145 min
Delta R.T.: -0.011 min
Response: 168021757
Conc: 32.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MSD

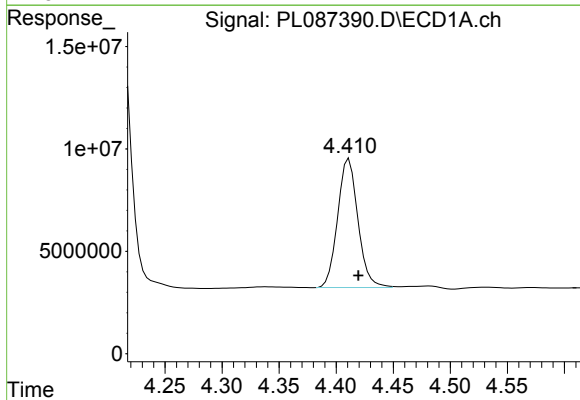
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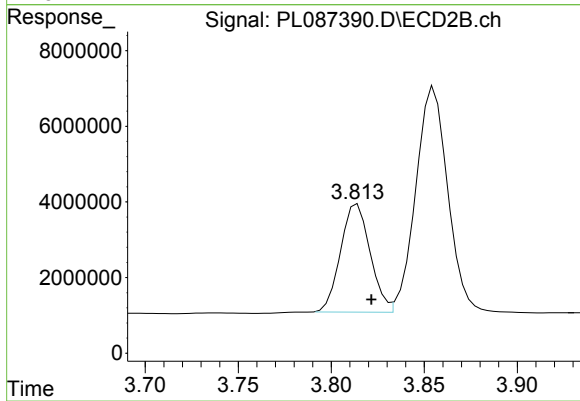
#5 Aldrin

R.T.: 4.134 min
Delta R.T.: -0.010 min
Response: 70036407
Conc: 29.21 ng/ml m



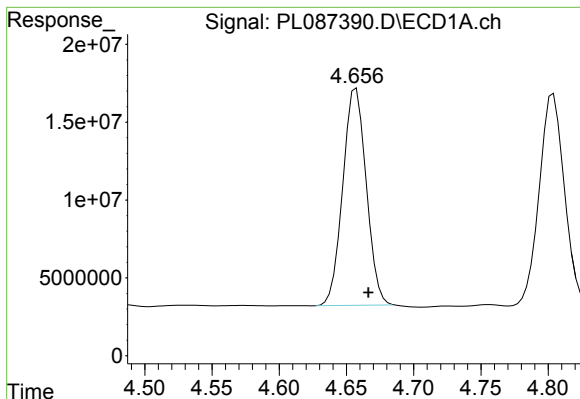
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: -0.010 min
Response: 77941142
Conc: 33.93 ng/ml m



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.008 min
Response: 31626070
Conc: 30.38 ng/ml



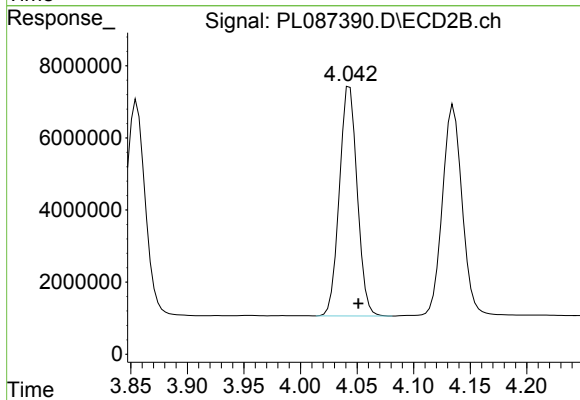
#7 delta-BHC

R.T.: 4.656 min
Delta R.T.: -0.010 min
Response: 168929018
Conc: 32.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MSD

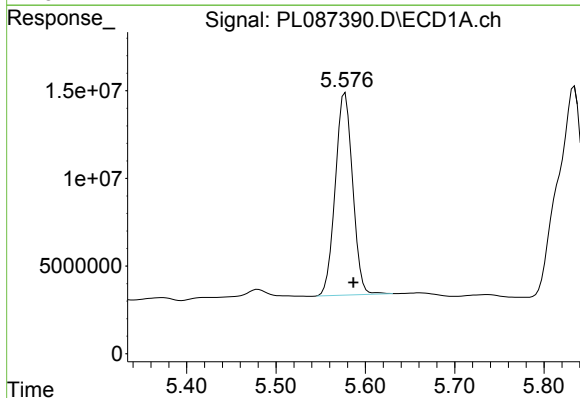
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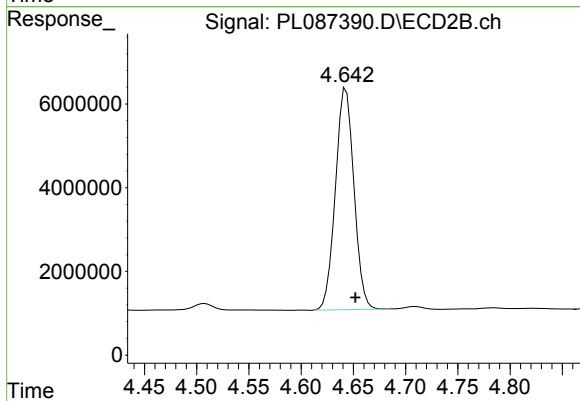
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.008 min
Response: 69907857
Conc: 28.58 ng/ml



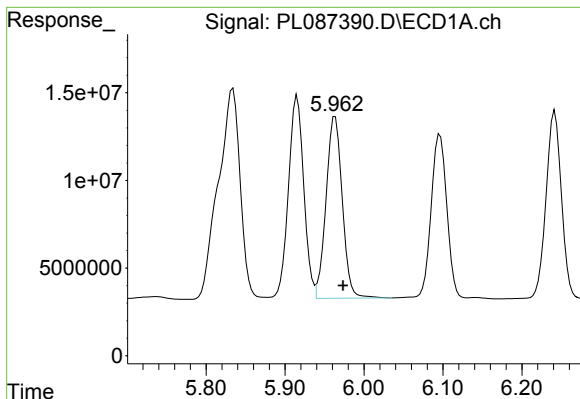
#8 Heptachlor epoxide

R.T.: 5.577 min
Delta R.T.: -0.009 min
Response: 155564891
Conc: 33.01 ng/ml



#8 Heptachlor epoxide

R.T.: 4.643 min
Delta R.T.: -0.009 min
Response: 65171223
Conc: 29.29 ng/ml



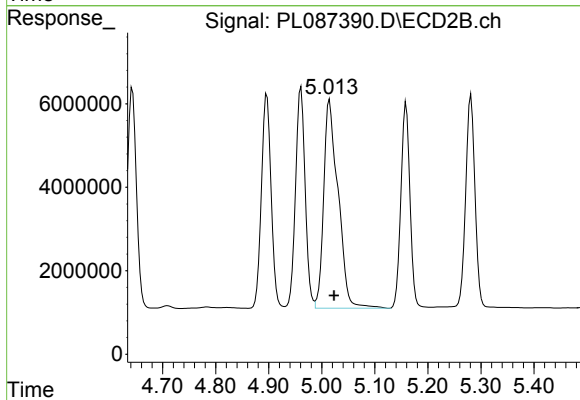
#9 Endosulfan I

R.T.: 5.963 min
Delta R.T.: -0.010 min
Response: 148390304
Conc: 33.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MSD

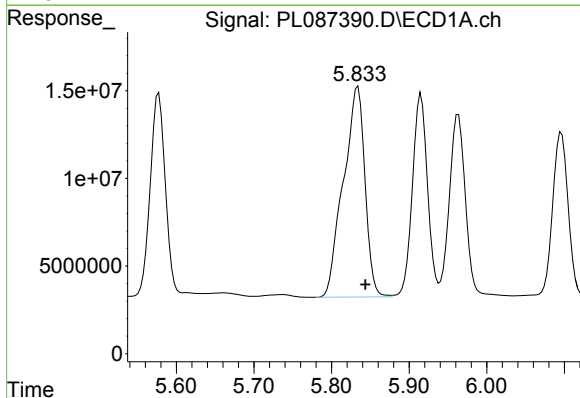
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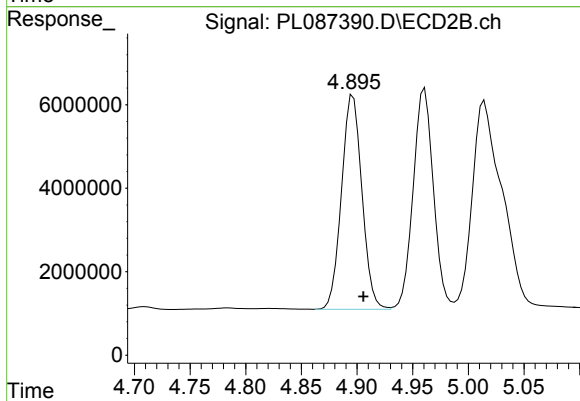
#9 Endosulfan I

R.T.: 5.015 min
Delta R.T.: -0.009 min
Response: 94785921
Conc: 43.86 ng/ml



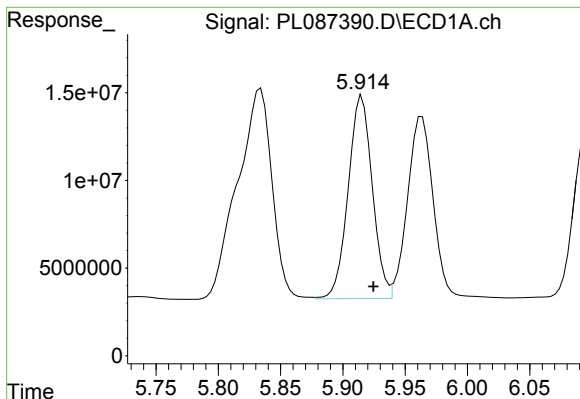
#10 gamma-Chlordane

R.T.: 5.834 min
Delta R.T.: -0.010 min
Response: 232157297
Conc: 47.89 ng/ml



#10 gamma-Chlordane

R.T.: 4.896 min
Delta R.T.: -0.009 min
Response: 65585344
Conc: 28.67 ng/ml



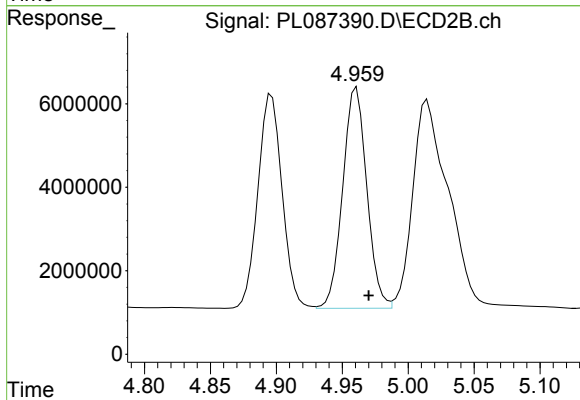
#11 alpha-Chlordane

R.T.: 5.915 min
Delta R.T.: -0.009 min
Response: 156575951
Conc: 32.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MSD

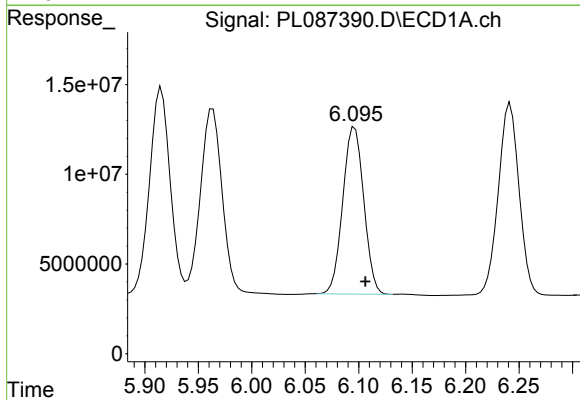
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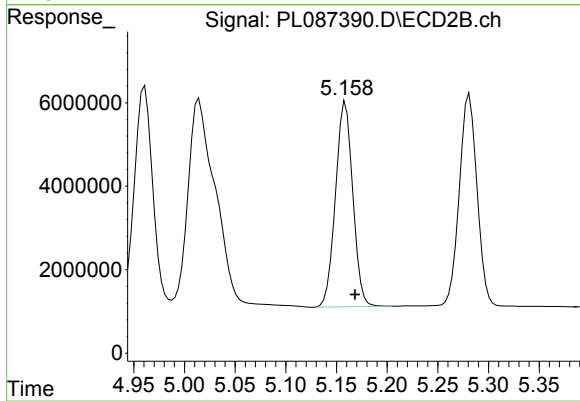
#11 alpha-Chlordane

R.T.: 4.961 min
Delta R.T.: -0.009 min
Response: 67241051
Conc: 29.13 ng/ml



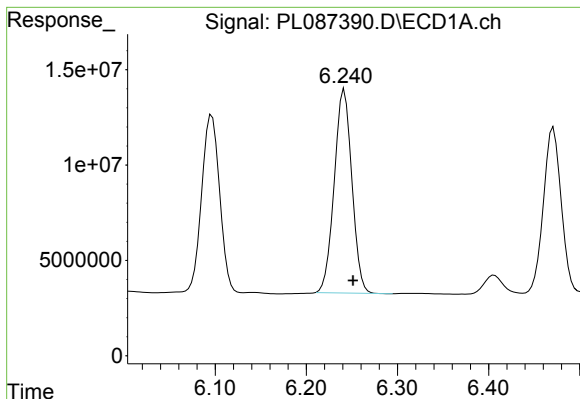
#12 4,4'-DDE

R.T.: 6.096 min
Delta R.T.: -0.010 min
Response: 127217988
Conc: 30.70 ng/ml



#12 4,4'-DDE

R.T.: 5.159 min
Delta R.T.: -0.010 min
Response: 58412789
Conc: 29.42 ng/ml



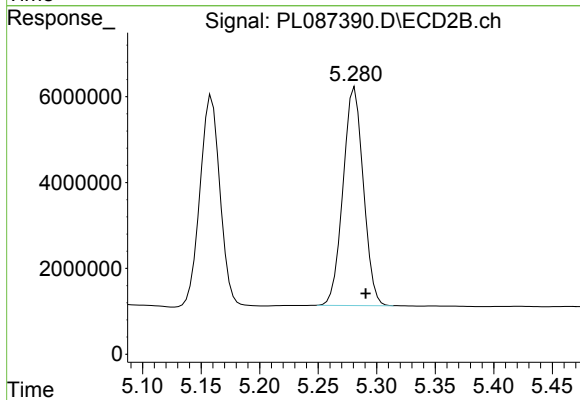
#13 Dieldrin

R.T.: 6.242 min
Delta R.T.: -0.010 min
Response: 143402520
Conc: 30.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MSD

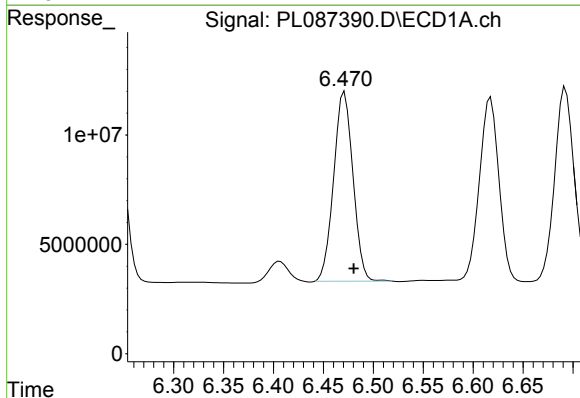
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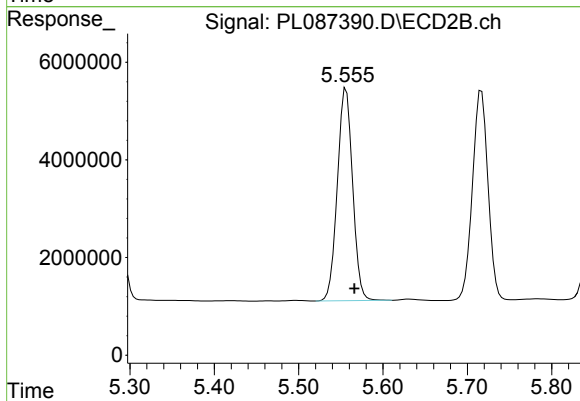
#13 Dieldrin

R.T.: 5.280 min
Delta R.T.: -0.011 min
Response: 61431410
Conc: 27.58 ng/ml m



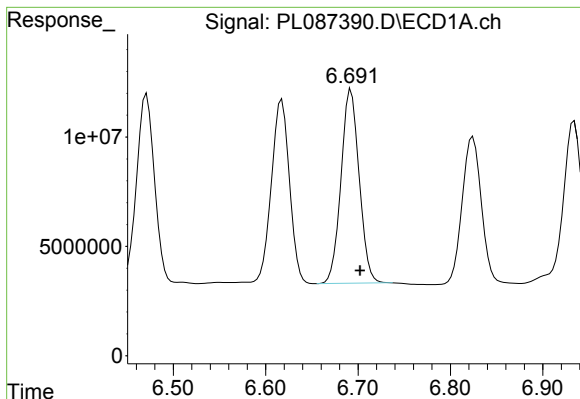
#14 Endrin

R.T.: 6.471 min
Delta R.T.: -0.009 min
Response: 116801987
Conc: 30.36 ng/ml



#14 Endrin

R.T.: 5.556 min
Delta R.T.: -0.010 min
Response: 54744406
Conc: 27.43 ng/ml



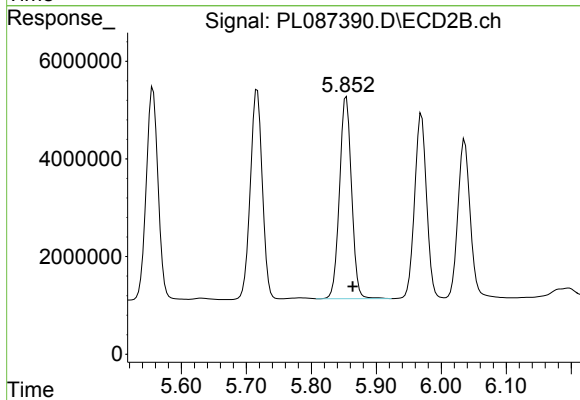
#15 Endosulfan II

R.T.: 6.692 min
Delta R.T.: -0.010 min
Response: 121028592
Conc: 30.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MSD

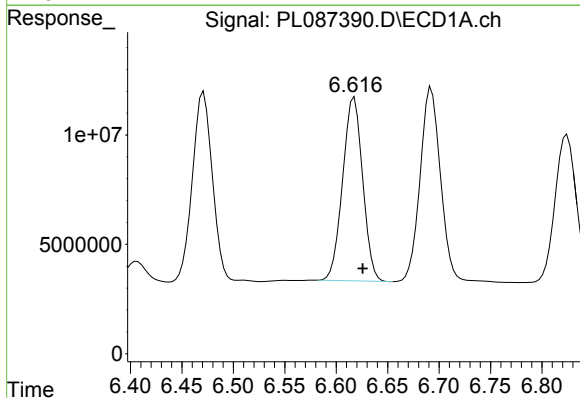
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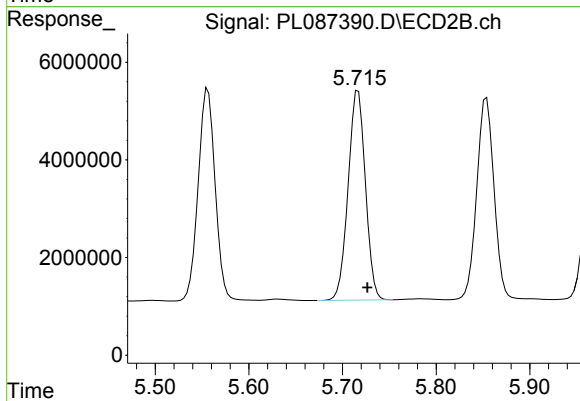
#15 Endosulfan II

R.T.: 5.854 min
Delta R.T.: -0.010 min
Response: 53320578
Conc: 27.39 ng/ml



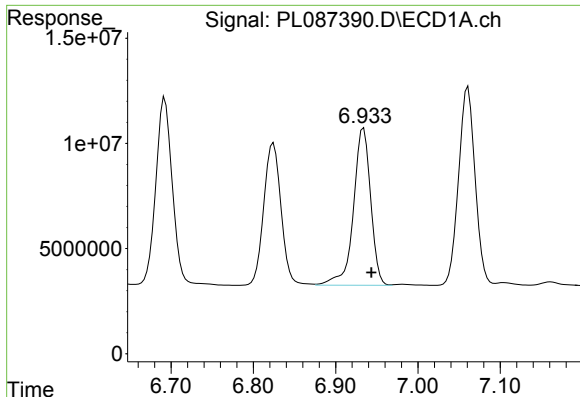
#16 4,4'-DDD

R.T.: 6.617 min
Delta R.T.: -0.008 min
Response: 113691373
Conc: 34.40 ng/ml



#16 4,4'-DDD

R.T.: 5.717 min
Delta R.T.: -0.010 min
Response: 55021722
Conc: 33.23 ng/ml



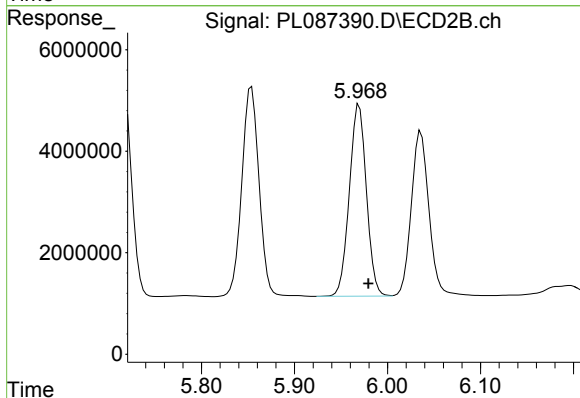
#17 4,4'-DDT

R.T.: 6.934 min
Delta R.T.: -0.009 min
Response: 108637090
Conc: 28.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MSD

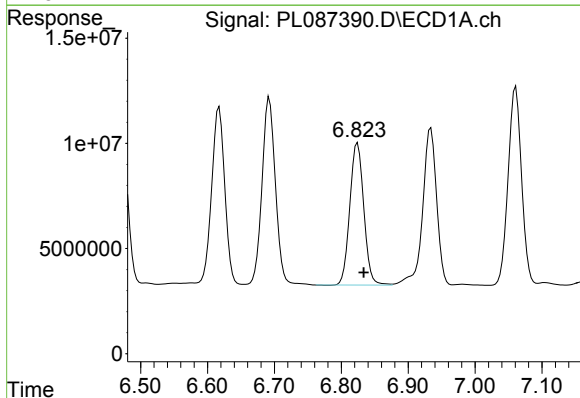
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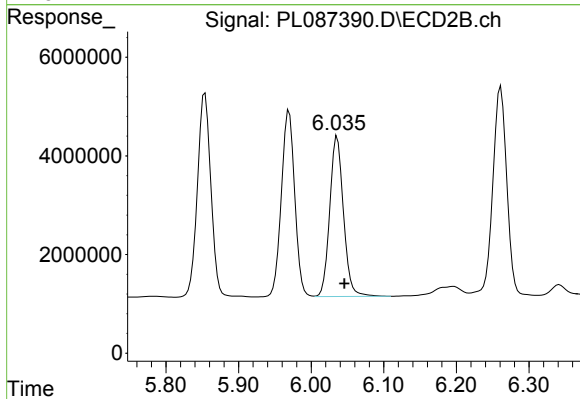
#17 4,4'-DDT

R.T.: 5.970 min
Delta R.T.: -0.010 min
Response: 48302412
Conc: 26.19 ng/ml



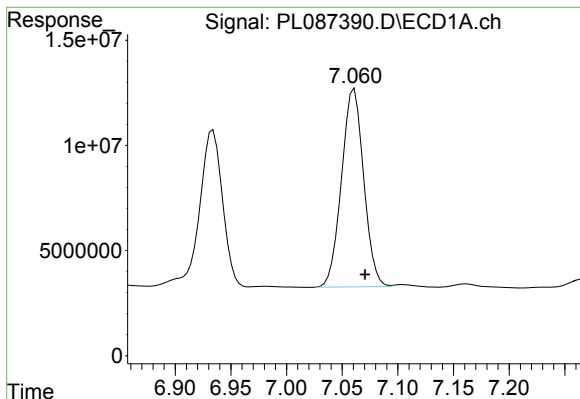
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: -0.009 min
Response: 98448162
Conc: 33.97 ng/ml



#18 Endrin aldehyde

R.T.: 6.036 min
Delta R.T.: -0.010 min
Response: 42773747
Conc: 29.14 ng/ml



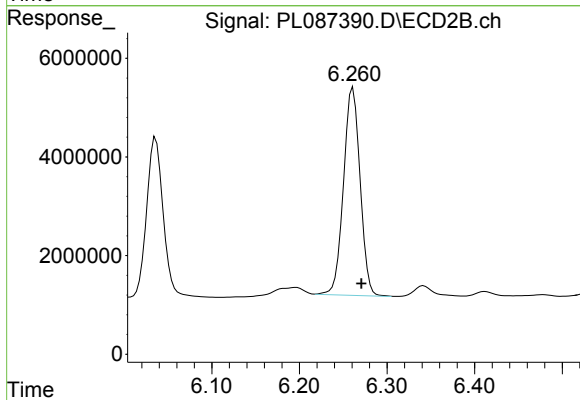
#19 Endosulfan Sulfate

R.T.: 7.061 min
Delta R.T.: -0.009 min
Response: 130567941
Conc: 33.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MSD

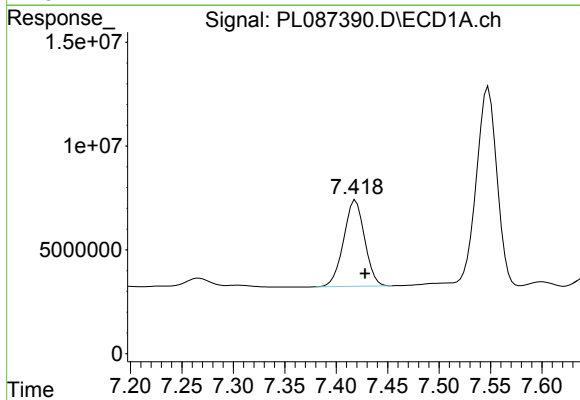
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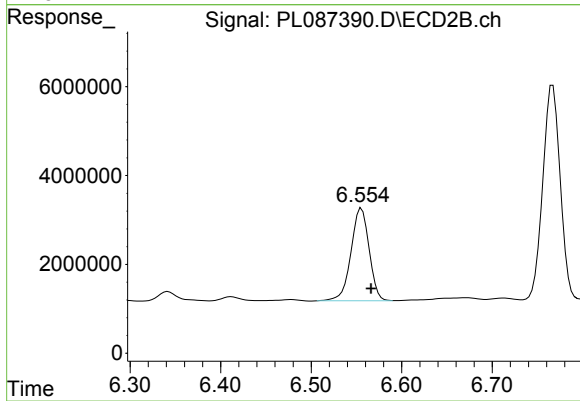
#19 Endosulfan Sulfate

R.T.: 6.260 min
Delta R.T.: -0.011 min
Response: 55531867
Conc: 29.48 ng/ml m



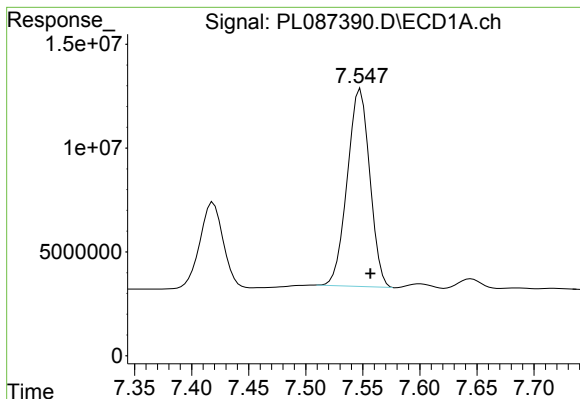
#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: -0.009 min
Response: 58790931
Conc: 30.15 ng/ml



#20 Methoxychlor

R.T.: 6.554 min
Delta R.T.: -0.012 min
Response: 29079050
Conc: 28.47 ng/ml m



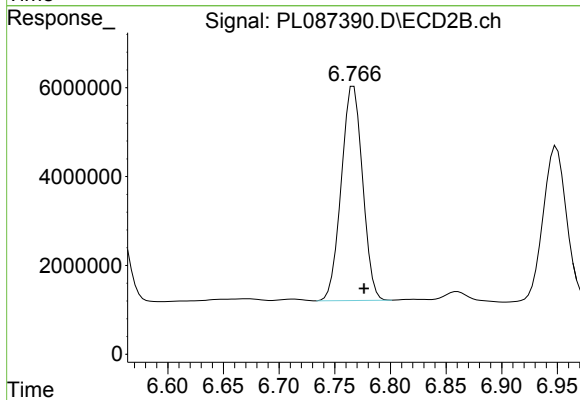
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: -0.010 min
Response: 130262557
Conc: 32.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MSD

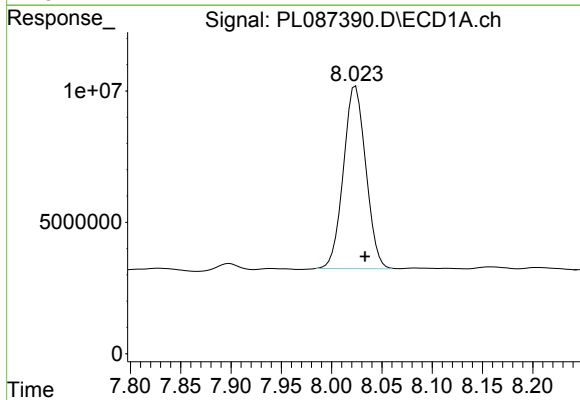
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/26/2023



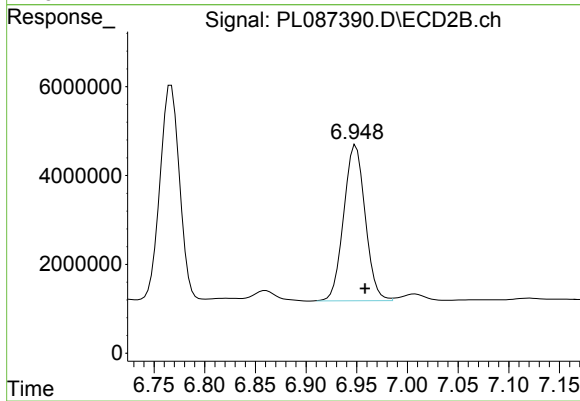
#21 Endrin ketone

R.T.: 6.766 min
Delta R.T.: -0.011 min
Response: 64265723
Conc: 30.19 ng/ml m



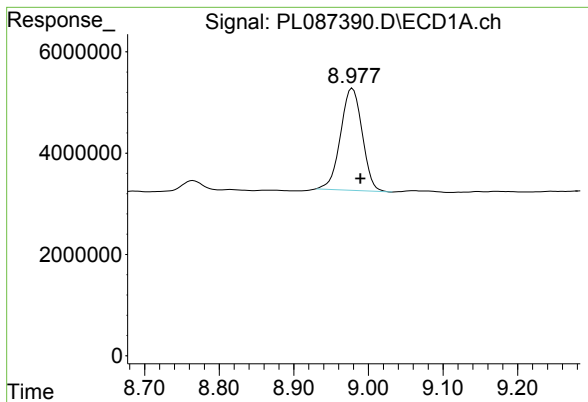
#22 Mirex

R.T.: 8.023 min
Delta R.T.: -0.011 min
Response: 107417197
Conc: 31.89 ng/ml m



#22 Mirex

R.T.: 6.948 min
Delta R.T.: -0.011 min
Response: 51661723
Conc: 29.04 ng/ml m



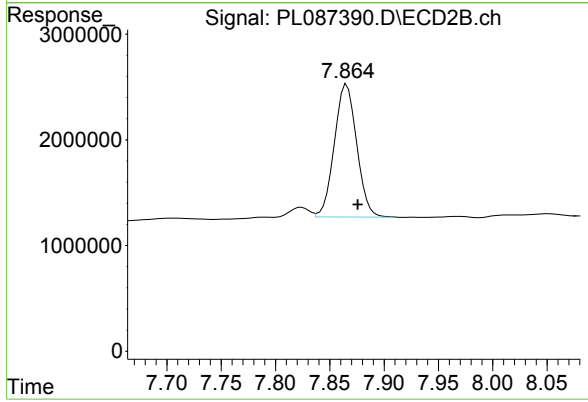
#28 Decachlorobiphenyl

R.T.: 8.979 min
Delta R.T.: -0.011 min
Response: 40647902
Conc: 11.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 12/26/2023



#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: -0.011 min
Response: 17981087
Conc: 10.65 ng/ml m