

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122123\
 Data File : PL087318.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2023 13:19
 Operator : AR\AJ
 Sample : 05892-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 GHL-SS-16-2-4MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/05/2024
 Supervised By :mohammad ahmed 01/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 00:26:07 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...	3.421	2.678	45103465	22289535	11.985	13.242
28)	SA Decachlor...	8.980	7.868	35788045	16136667	10.495	9.554
Target Compounds							
2)	A alpha-BHC	3.878	3.182	184.8E6	75641767	34.130	30.779
3)	MA gamma-BHC...	4.212	3.512	174.5E6	73368392	33.196	30.287
4)	MA Heptachlor	4.805	3.855	180.4E6	74433611	33.860	31.140
5)	MB Aldrin	5.148	4.135	165.3E6	70271429	31.759	29.307
6)	B beta-BHC	4.411	3.814	77519347	30899366	33.751	29.683
7)	B delta-BHC	4.657	4.043	164.0E6	70424056	31.367m	28.789
8)	B Heptachlo...	5.579	4.644	150.8E6	64694937	32.004	29.072
9)	A Endosulfan I	5.964	5.015	144.2E6	77381046	32.283	35.805
10)	B gamma-Chl...	5.836	4.897	154.7E6	66512074	31.912	29.078
11)	B alpha-Chl...	5.917	4.961	149.9E6	74618838	31.196	32.330
12)	B 4,4'-DDE	6.098	5.160	127.9E6	53773624	30.853	27.083
13)	MA Dieldrin	6.243	5.281	145.6E6	58659196	31.383	26.331m
14)	MA Endrin	6.473	5.558	125.2E6	66570170	32.547	33.358
15)	B Endosulfa...	6.694	5.855	117.0E6	46982945	29.176	24.131m
16)	A 4,4'-DDD	6.618	5.718	104.1E6	44878607	31.496	27.105
17)	MA 4,4'-DDT	6.934	5.971	113.6E6	52646346	30.212m	28.545
18)	B Endrin al...	6.826	6.038	95697591	40270570	33.018	27.439
19)	B Endosulfa...	7.062	6.261	126.5E6	55888337	32.217	29.668m
20)	A Methoxychlor	7.420	6.558	62929500	29591371	32.273	28.972
21)	B Endrin ke...	7.547	6.767	129.8E6	62438276	31.915m	29.332m
22)	Mirex	8.025	6.950	107.8E6	50312992	32.018	28.280

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122123\
Data File : PL087318.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Dec 2023 13:19
Operator : AR\AJ
Sample : 05892-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

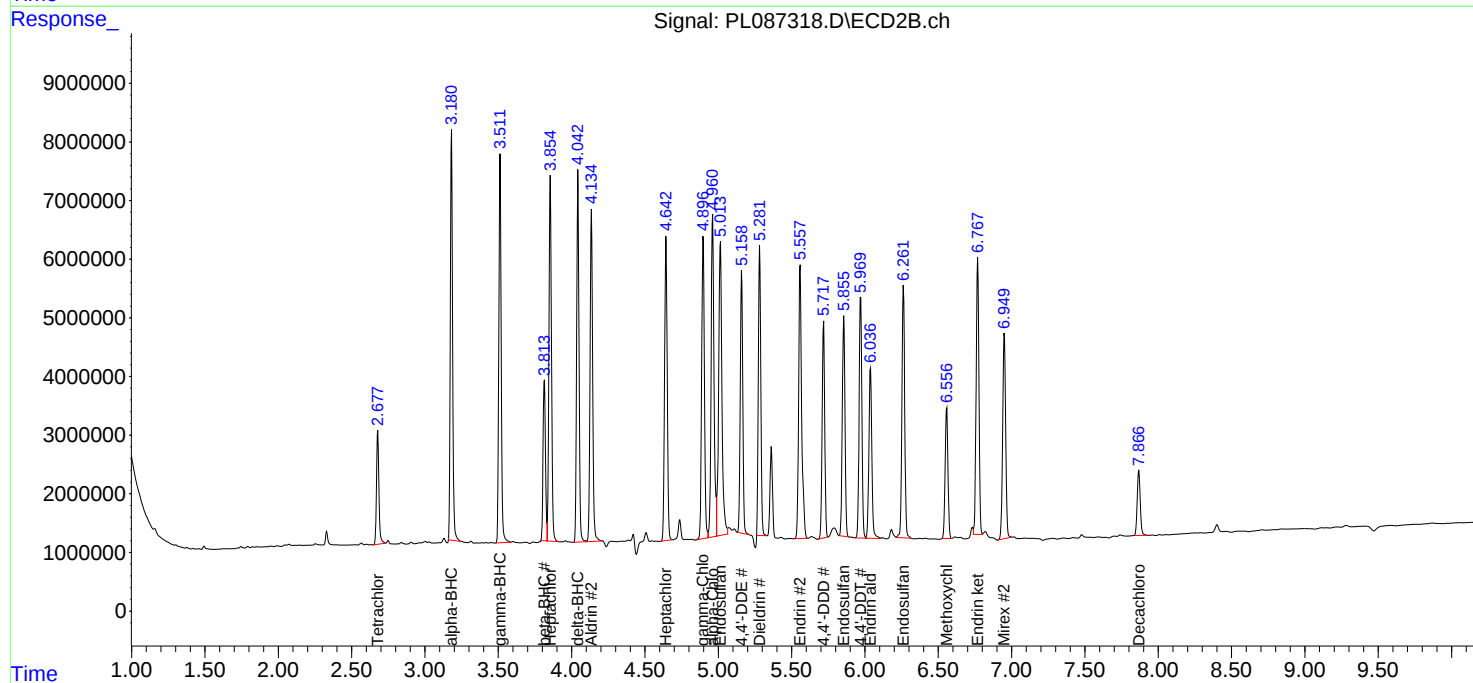
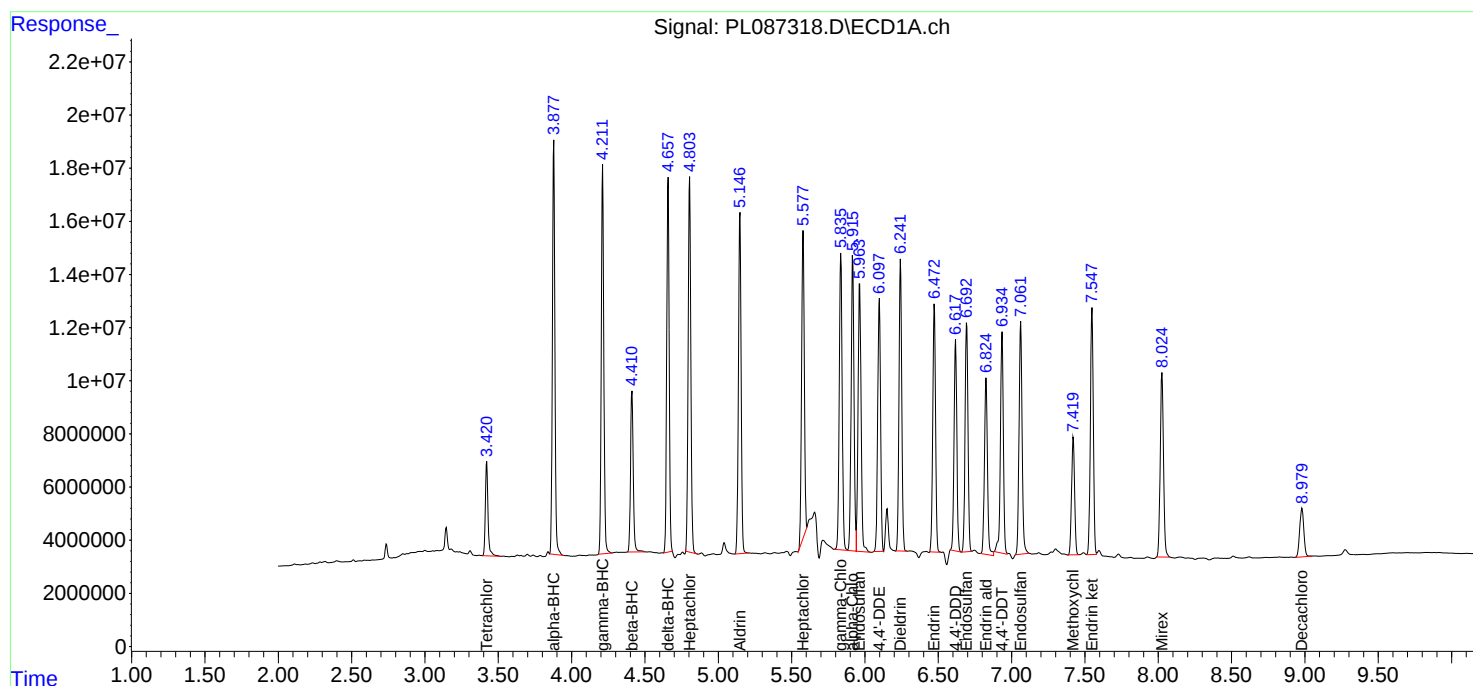
Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MS

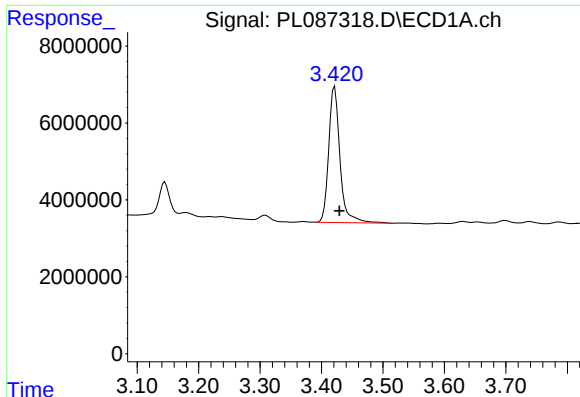
Manual Integrations
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Supervised By :mohammad ahmed 01/05/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 22 00:26:07 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





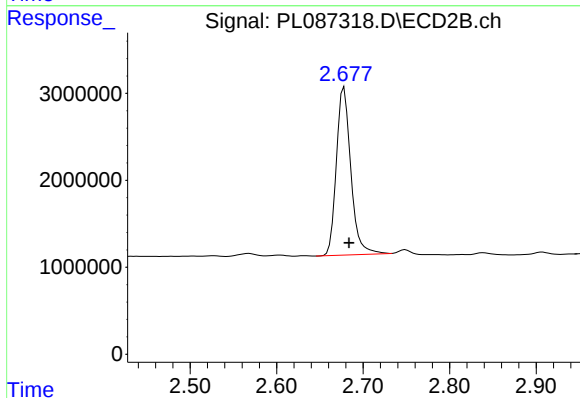
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: -0.008 min
Response: 45103465
Conc: 11.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MS

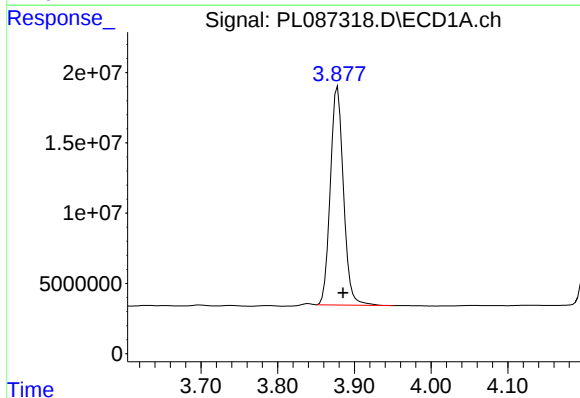
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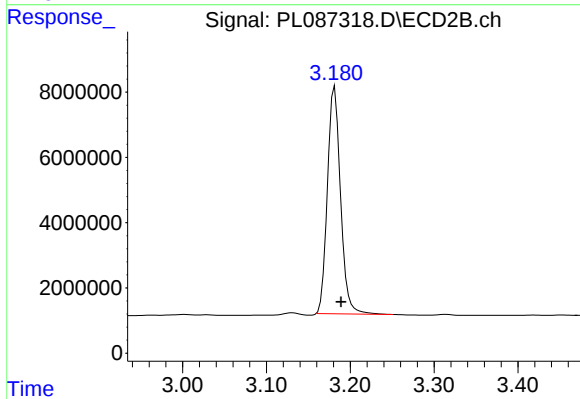
#1 Tetrachloro-m-xylene

R.T.: 2.678 min
Delta R.T.: -0.005 min
Response: 22289535
Conc: 13.24 ng/ml



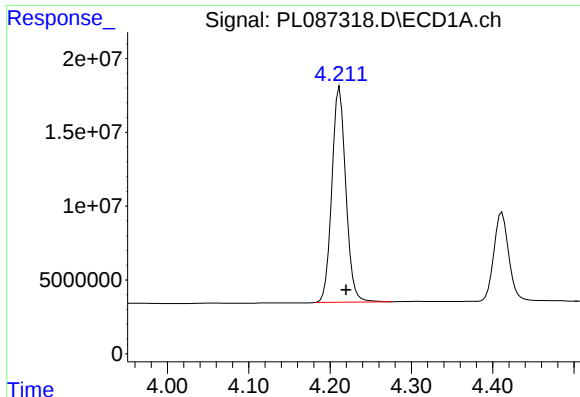
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: -0.007 min
Response: 184785988
Conc: 34.13 ng/ml



#2 alpha-BHC

R.T.: 3.182 min
Delta R.T.: -0.007 min
Response: 75641767
Conc: 30.78 ng/ml



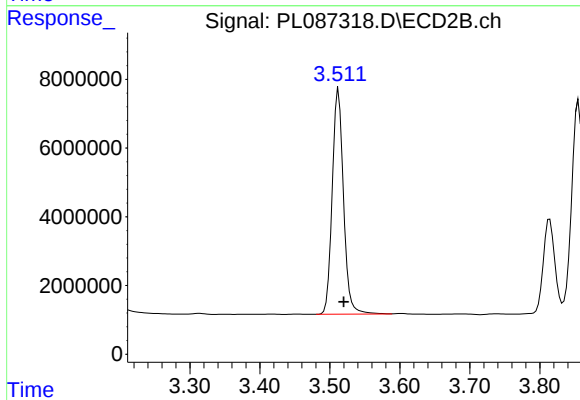
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.008 min
Response: 174470273
Conc: 33.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MS

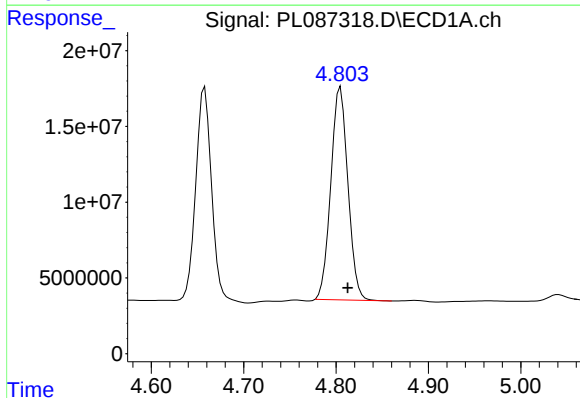
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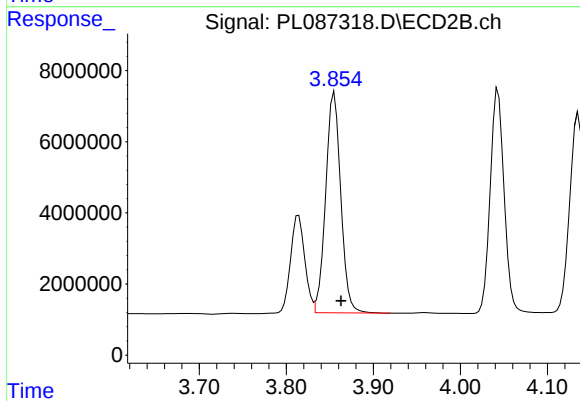
#3 gamma-BHC (Lindane)

R.T.: 3.512 min
Delta R.T.: -0.008 min
Response: 73368392
Conc: 30.29 ng/ml



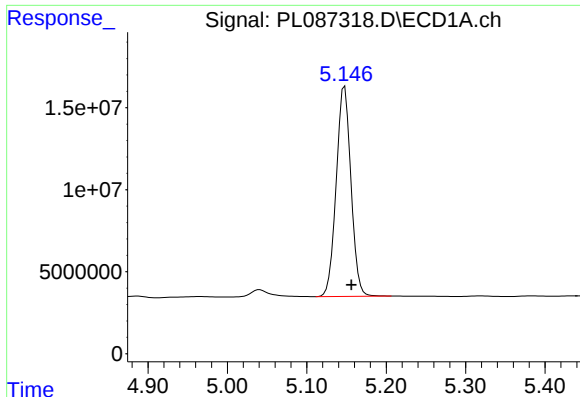
#4 Heptachlor

R.T.: 4.805 min
Delta R.T.: -0.008 min
Response: 180358001
Conc: 33.86 ng/ml



#4 Heptachlor

R.T.: 3.855 min
Delta R.T.: -0.008 min
Response: 74433611
Conc: 31.14 ng/ml



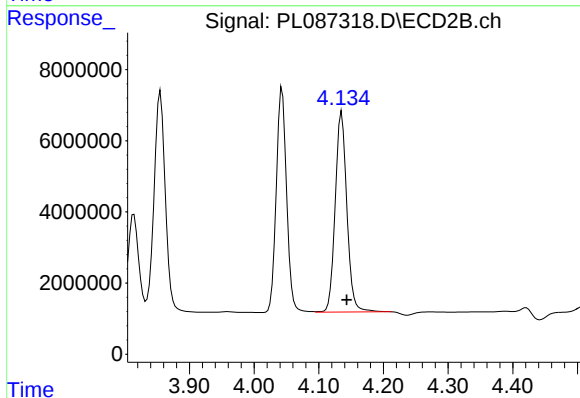
#5 Aldrin

R.T.: 5.148 min
Delta R.T.: -0.009 min
Response: 165347843
Conc: 31.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MS

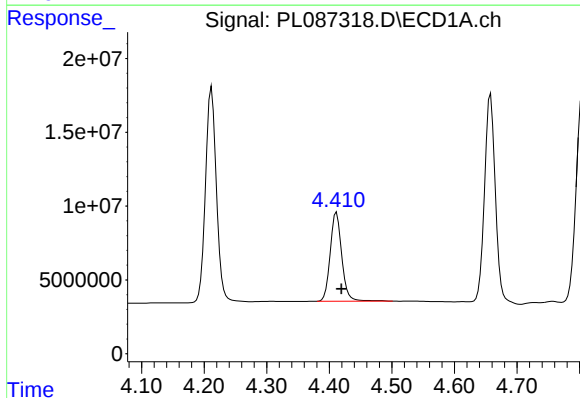
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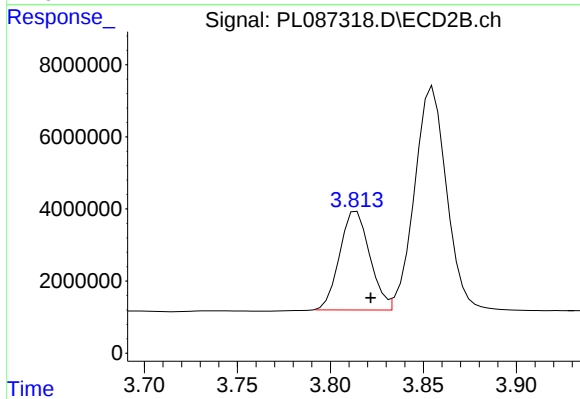
#5 Aldrin

R.T.: 4.135 min
Delta R.T.: -0.008 min
Response: 70271429
Conc: 29.31 ng/ml



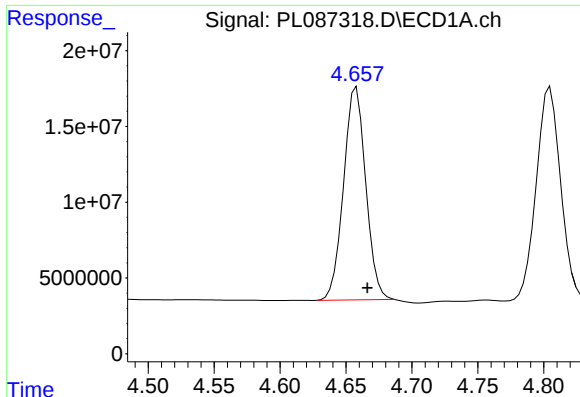
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: -0.008 min
Response: 77519347
Conc: 33.75 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.008 min
Response: 30899366
Conc: 29.68 ng/ml



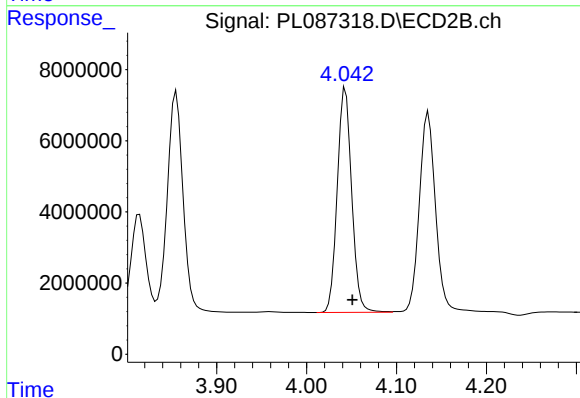
#7 delta-BHC

R.T.: 4.657 min
Delta R.T.: -0.010 min
Response: 164033041
Conc: 31.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MS

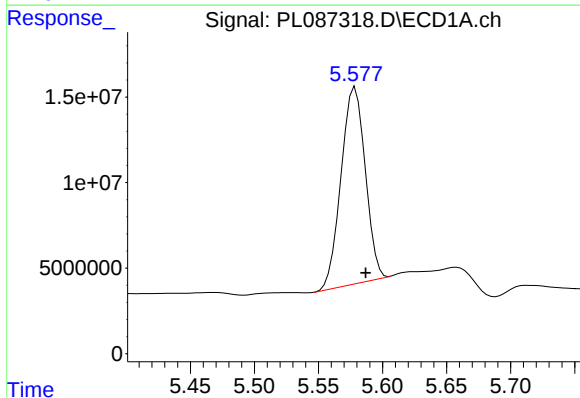
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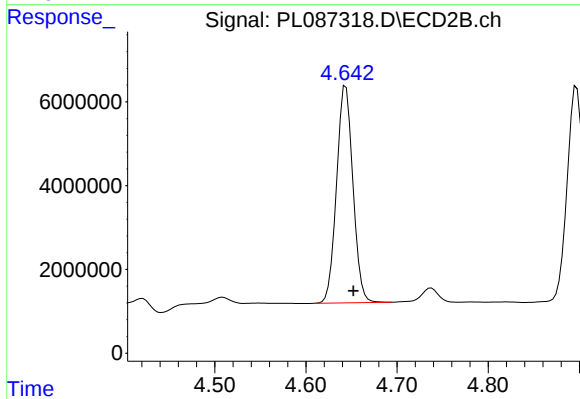
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.008 min
Response: 70424056
Conc: 28.79 ng/ml



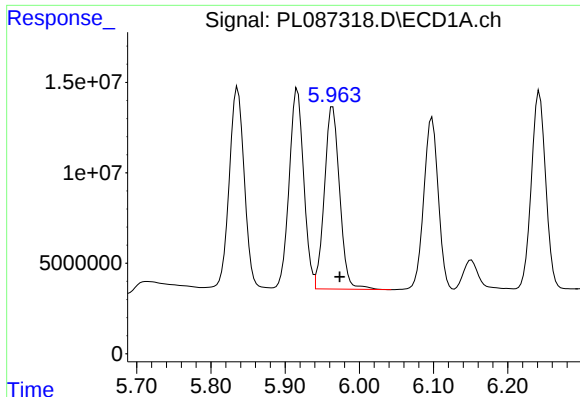
#8 Heptachlor epoxide

R.T.: 5.579 min
Delta R.T.: -0.008 min
Response: 150826658
Conc: 32.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.644 min
Delta R.T.: -0.008 min
Response: 64694937
Conc: 29.07 ng/ml



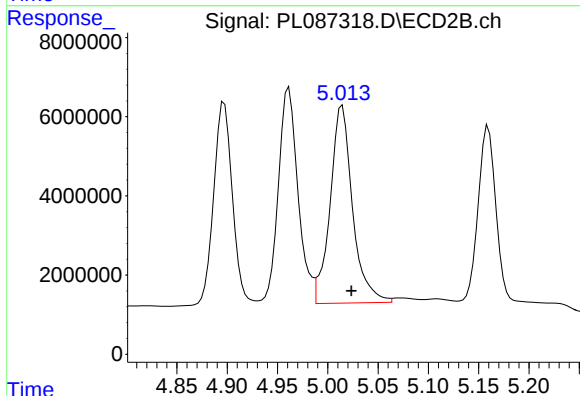
#9 Endosulfan I

R.T.: 5.964 min
Delta R.T.: -0.009 min
Response: 144187299
Conc: 32.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MS

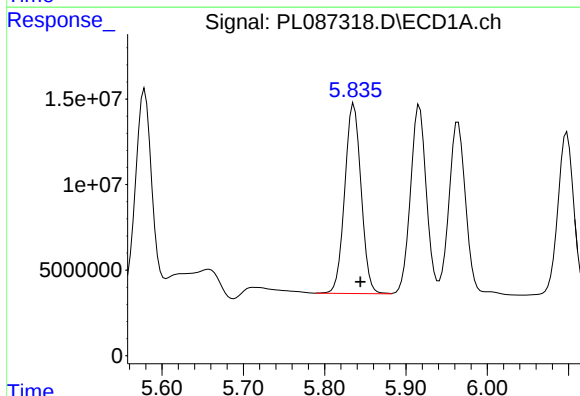
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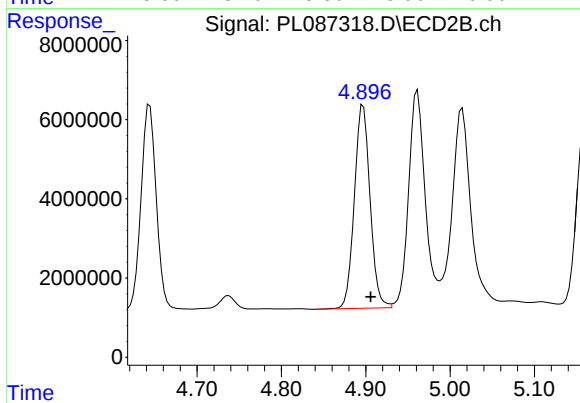
#9 Endosulfan I

R.T.: 5.015 min
Delta R.T.: -0.009 min
Response: 77381046
Conc: 35.81 ng/ml



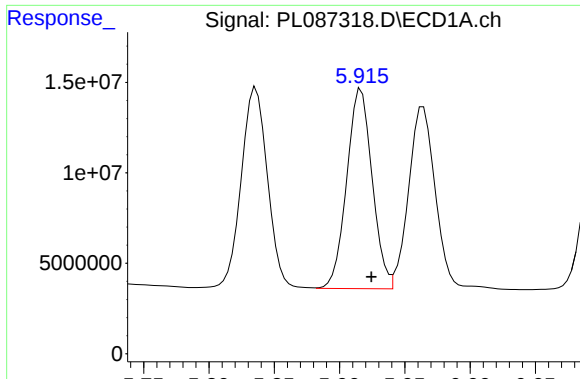
#10 gamma-Chlordane

R.T.: 5.836 min
Delta R.T.: -0.008 min
Response: 154708989
Conc: 31.91 ng/ml



#10 gamma-Chlordane

R.T.: 4.897 min
Delta R.T.: -0.009 min
Response: 66512074
Conc: 29.08 ng/ml



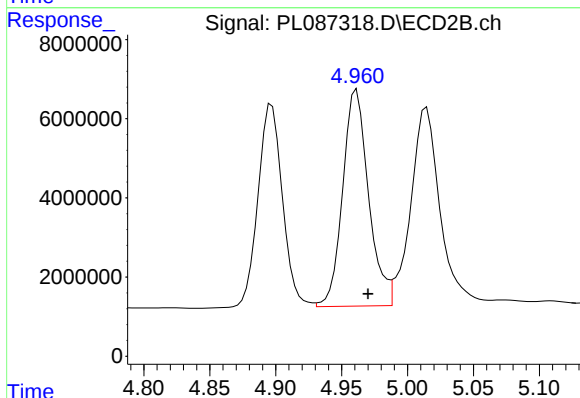
#11 alpha-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.008 min
Response: 149931436
Conc: 31.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MS

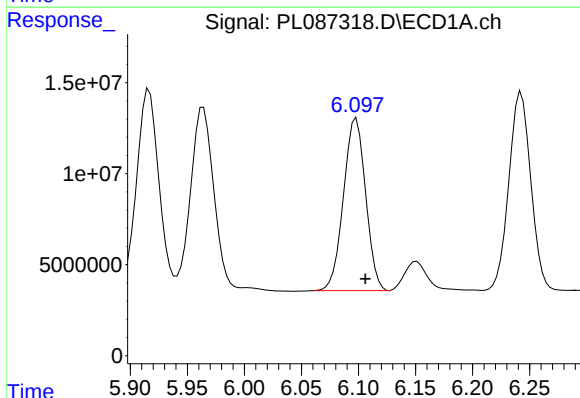
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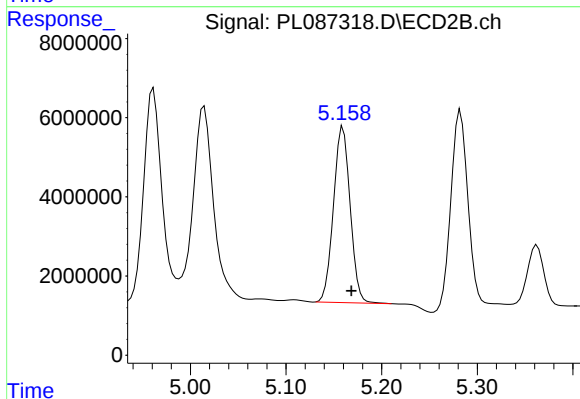
#11 alpha-Chlordane

R.T.: 4.961 min
Delta R.T.: -0.009 min
Response: 74618838
Conc: 32.33 ng/ml



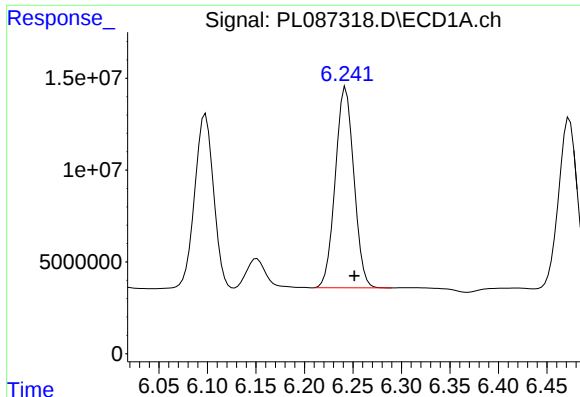
#12 4,4'-DDE

R.T.: 6.098 min
Delta R.T.: -0.008 min
Response: 127855527
Conc: 30.85 ng/ml



#12 4,4'-DDE

R.T.: 5.160 min
Delta R.T.: -0.009 min
Response: 53773624
Conc: 27.08 ng/ml



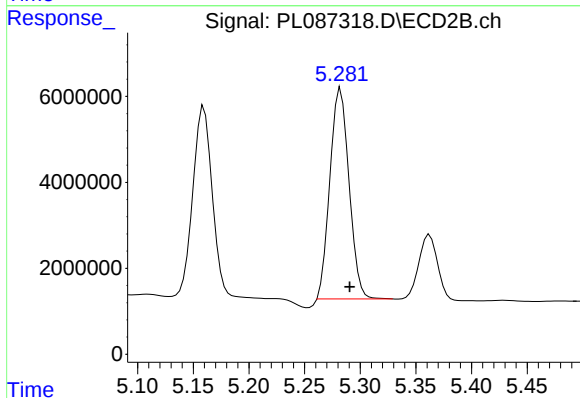
#13 Dieldrin

R.T.: 6.243 min
Delta R.T.: -0.009 min
Response: 145644576
Conc: 31.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MS

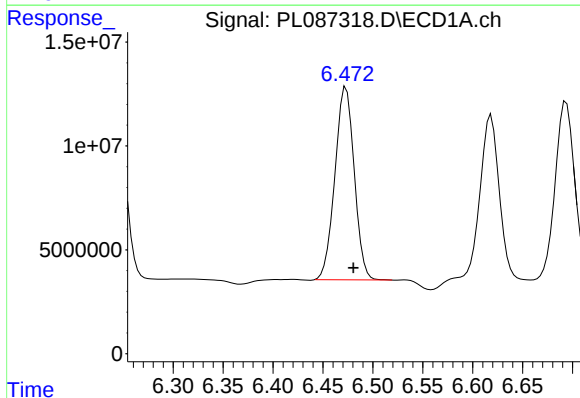
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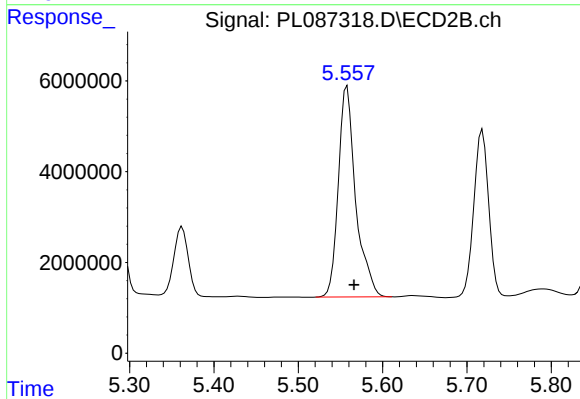
#13 Dieldrin

R.T.: 5.281 min
Delta R.T.: -0.010 min
Response: 58659196
Conc: 26.33 ng/ml m



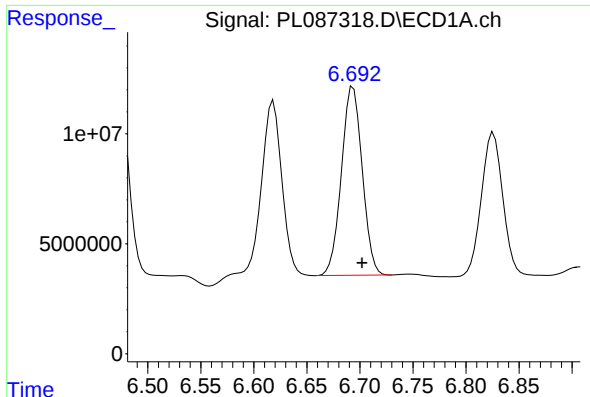
#14 Endrin

R.T.: 6.473 min
Delta R.T.: -0.007 min
Response: 125221462
Conc: 32.55 ng/ml



#14 Endrin

R.T.: 5.558 min
Delta R.T.: -0.008 min
Response: 66570170
Conc: 33.36 ng/ml



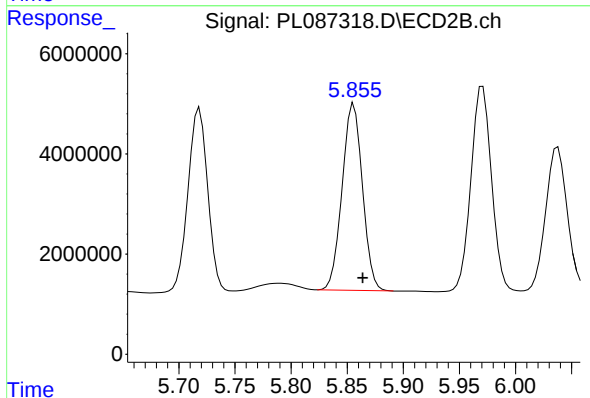
#15 Endosulfan II

R.T.: 6.694 min
Delta R.T.: -0.008 min
Response: 117009174
Conc: 29.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MS

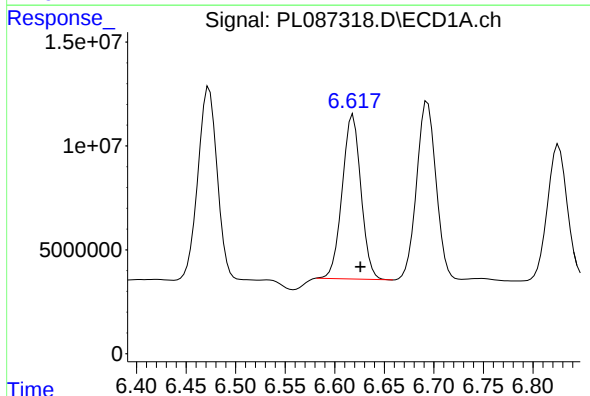
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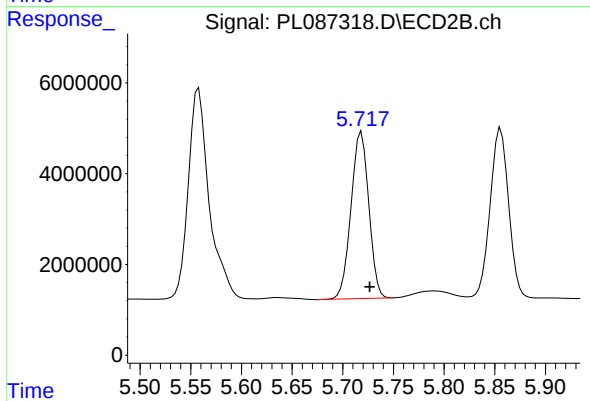
#15 Endosulfan II

R.T.: 5.855 min
Delta R.T.: -0.009 min
Response: 46982945
Conc: 24.13 ng/ml m



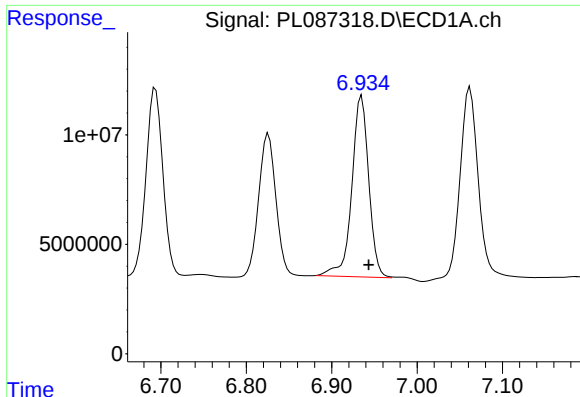
#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.007 min
Response: 104097200
Conc: 31.50 ng/ml



#16 4,4'-DDD

R.T.: 5.718 min
Delta R.T.: -0.008 min
Response: 44878607
Conc: 27.10 ng/ml



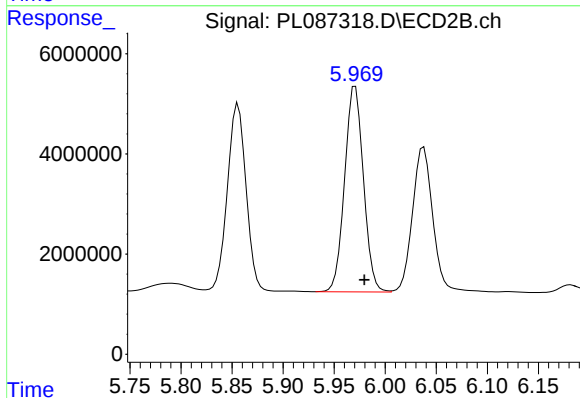
#17 4,4'-DDT

R.T.: 6.934 min
Delta R.T.: -0.010 min
Response: 113602862
Conc: 30.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MS

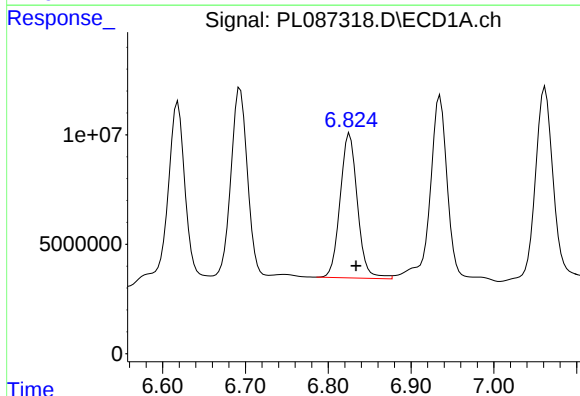
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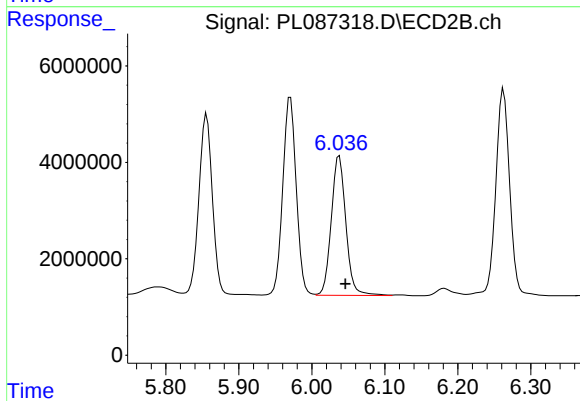
#17 4,4'-DDT

R.T.: 5.971 min
Delta R.T.: -0.009 min
Response: 52646346
Conc: 28.55 ng/ml



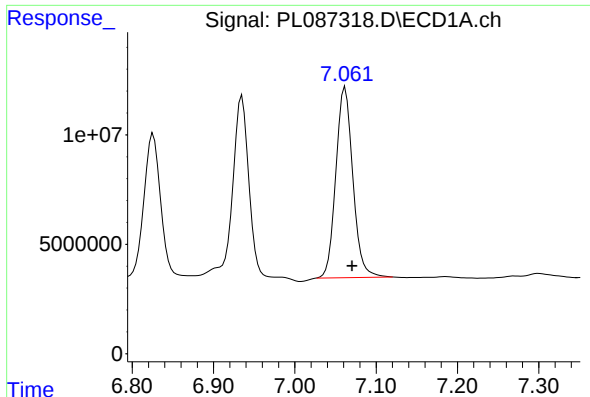
#18 Endrin aldehyde

R.T.: 6.826 min
Delta R.T.: -0.008 min
Response: 95697591
Conc: 33.02 ng/ml



#18 Endrin aldehyde

R.T.: 6.038 min
Delta R.T.: -0.008 min
Response: 40270570
Conc: 27.44 ng/ml



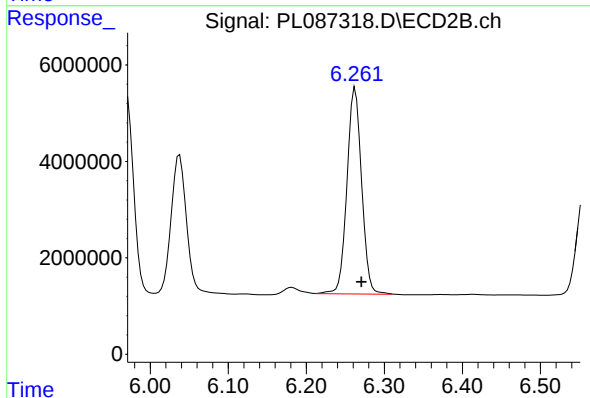
#19 Endosulfan Sulfate

R.T.: 7.062 min
Delta R.T.: -0.008 min
Response: 126511373
Conc: 32.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MS

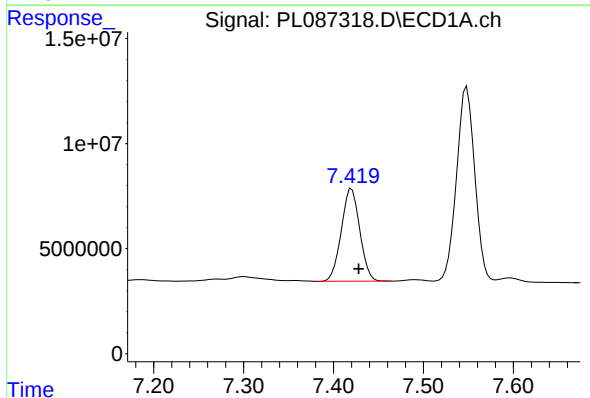
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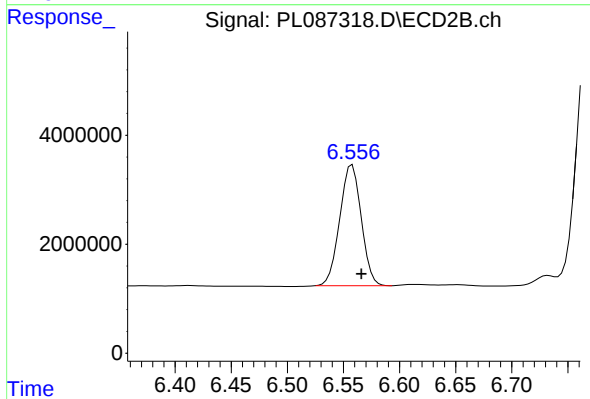
#19 Endosulfan Sulfate

R.T.: 6.261 min
Delta R.T.: -0.009 min
Response: 55888337
Conc: 29.67 ng/ml m



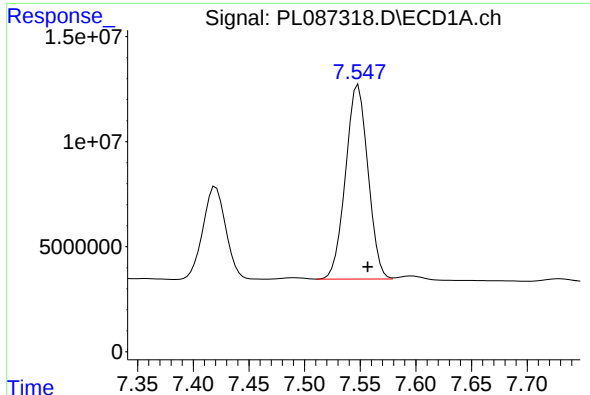
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: -0.008 min
Response: 62929500
Conc: 32.27 ng/ml



#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: -0.008 min
Response: 29591371
Conc: 28.97 ng/ml



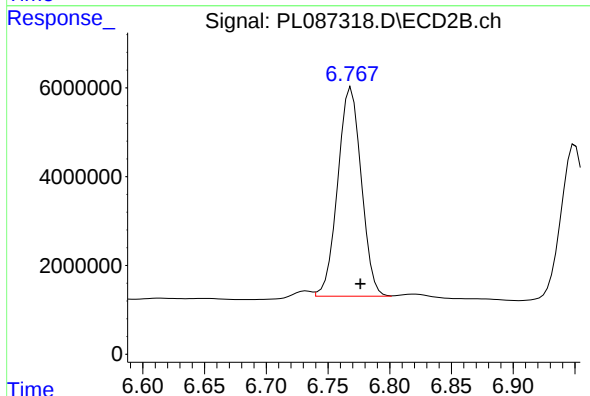
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: -0.010 min
Response: 129837695
Conc: 31.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MS

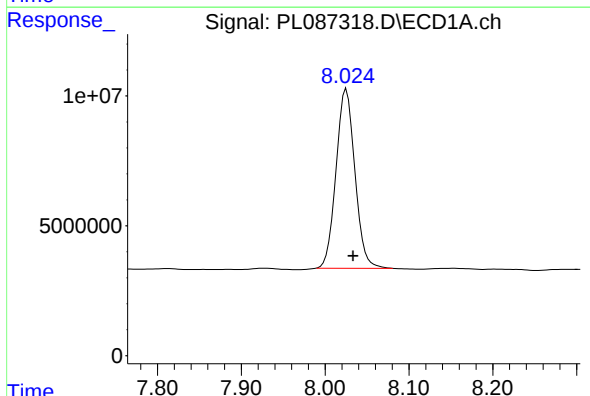
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



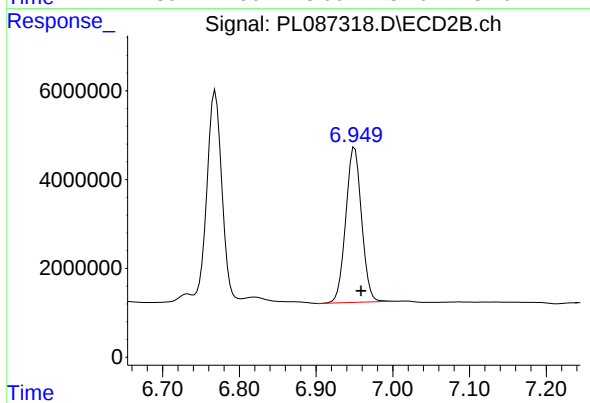
#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: -0.009 min
Response: 62438276
Conc: 29.33 ng/ml m



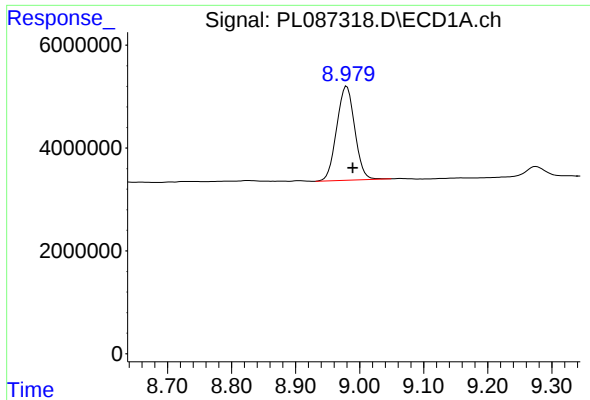
#22 Mirex

R.T.: 8.025 min
Delta R.T.: -0.008 min
Response: 107838655
Conc: 32.02 ng/ml



#22 Mirex

R.T.: 6.950 min
Delta R.T.: -0.008 min
Response: 50312992
Conc: 28.28 ng/ml



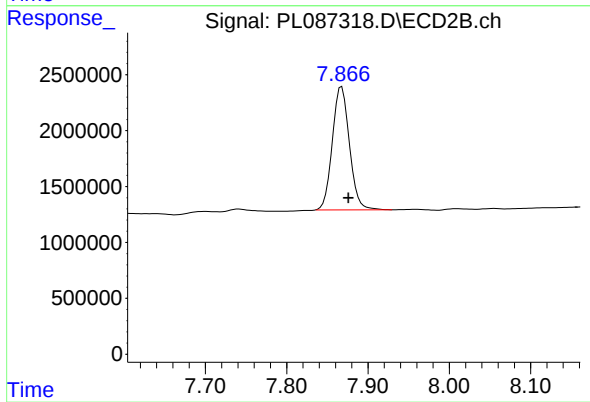
#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.009 min
Response: 35788045
Conc: 10.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#28 Decachlorobiphenyl

R.T.: 7.868 min
Delta R.T.: -0.008 min
Response: 16136667
Conc: 9.55 ng/ml