

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122023\
 Data File : PL087291.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2023 17:00
 Operator : AR\AJ
 Sample : 05897-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 GHL-SS-37aMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/21/2023
 Supervised By :Ankita Jodhani 12/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 20:46:18 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...	3.423	2.679	51630608	20958703	13.719	12.451
28)	SA Decachlor...	8.981	7.869	39271357	18588458	11.517	11.006
Target Compounds							
2)	A alpha-BHC	3.879	3.182	209.3E6	87457395	38.661	35.586m
3)	MA gamma-BHC...	4.213	3.514	198.0E6	82881474	37.665	34.215
4)	MA Heptachlor	4.804	3.857	204.0E6	84465428	38.298m	35.337
5)	MB Aldrin	5.148	4.137	192.6E6	82412032	37.000	34.370
6)	B beta-BHC	4.412	3.815	88379980	35684798	38.480	34.280
7)	B delta-BHC	4.657	4.045	190.9E6	81718991	36.506m	33.406
8)	B Heptachlo...	5.579	4.645	173.7E6	75384670	36.851	33.876
9)	A Endosulfan I	5.966	5.016	164.5E6	82002677	36.821	37.944
10)	B gamma-Chl...	5.837	4.898	205.4E6	77772000	42.370	34.001
11)	B alpha-Chl...	5.917	4.963	176.4E6	76644957	36.712	33.208
12)	B 4,4'-DDE	6.098	5.161	151.4E6	66876273	36.526	33.682
13)	MA Dieldrin	6.244	5.284	166.2E6	73404010	35.818	32.950
14)	MA Endrin	6.473	5.559	140.4E6	67213953	36.480	33.680
15)	B Endosulfa...	6.695	5.857	134.3E6	61793446	33.481	31.737
16)	A 4,4'-DDD	6.619	5.719	123.7E6	56320114	37.427	34.015
17)	MA 4,4'-DDT	6.937	5.972	134.8E6	61114764	35.839	33.137
18)	B Endrin al...	6.825	6.039	106.5E6	49826494	36.740m	33.951
19)	B Endosulfa...	7.064	6.264	129.6E6	63174094	33.006	33.535
20)	A Methoxychlor	7.421	6.558	68884481	34139919	35.327	33.425
21)	B Endrin ke...	7.548	6.769	143.8E6	73025324	35.339m	34.305
22)	Mirex	8.027	6.950	117.8E6	58381481	34.962	32.815m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122023\
Data File : PL087291.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2023 17:00
Operator : AR\AJ
Sample : 05897-03MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

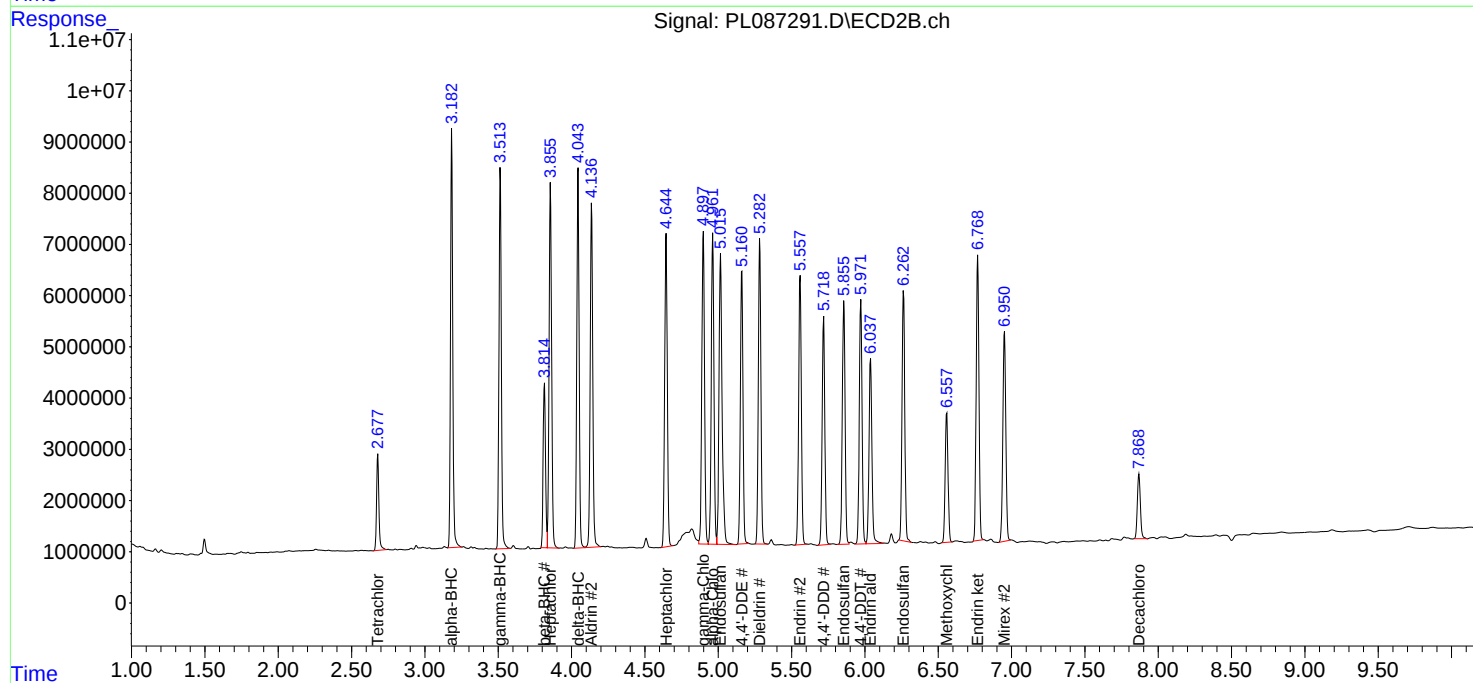
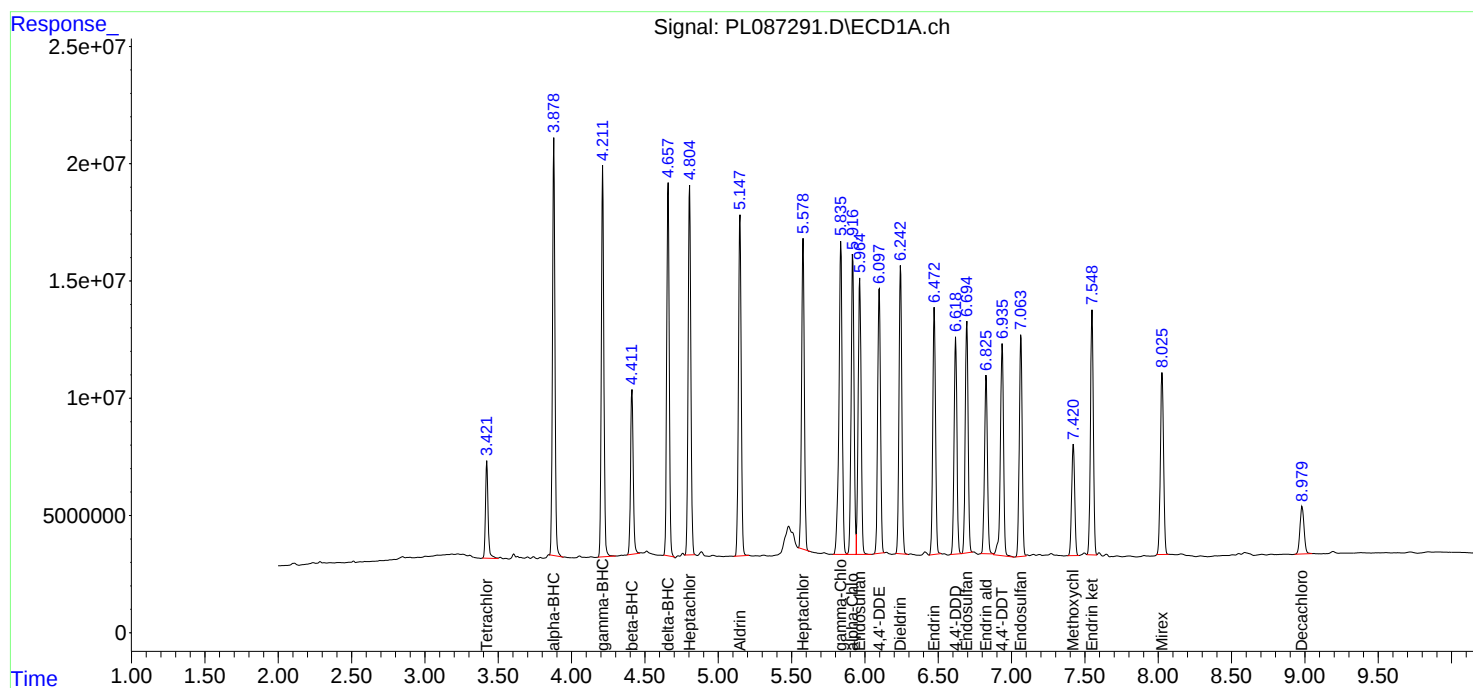
Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMSD

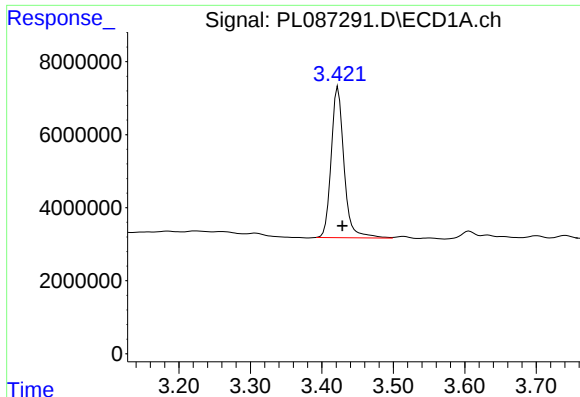
Manual Integrations
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Supervised By :Ankita Jodhani 12/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 20 20:46:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 2023
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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





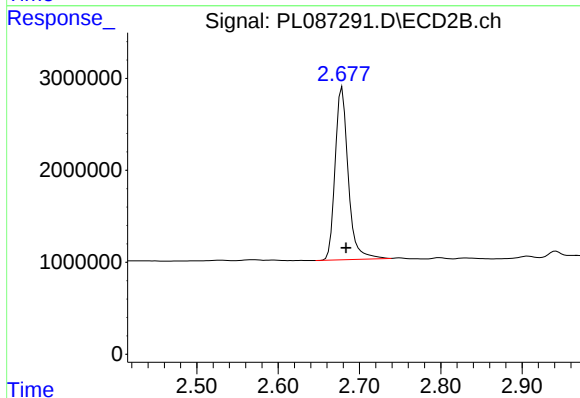
#1 Tetrachloro-m-xylene

R.T.: 3.423 min
Delta R.T.: -0.006 min
Response: 51630608
Conc: 13.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMSD

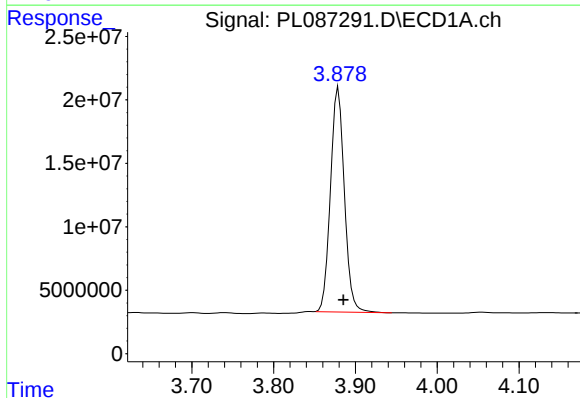
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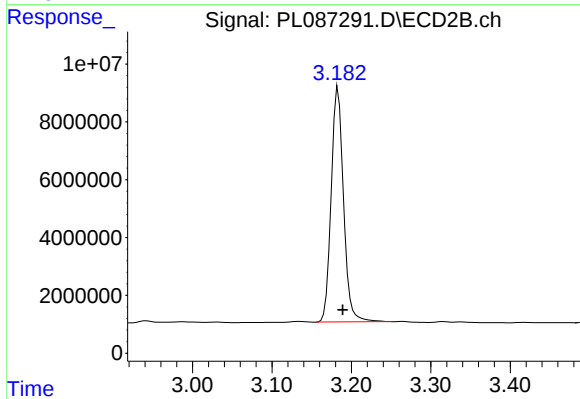
#1 Tetrachloro-m-xylene

R.T.: 2.679 min
Delta R.T.: -0.005 min
Response: 20958703
Conc: 12.45 ng/ml



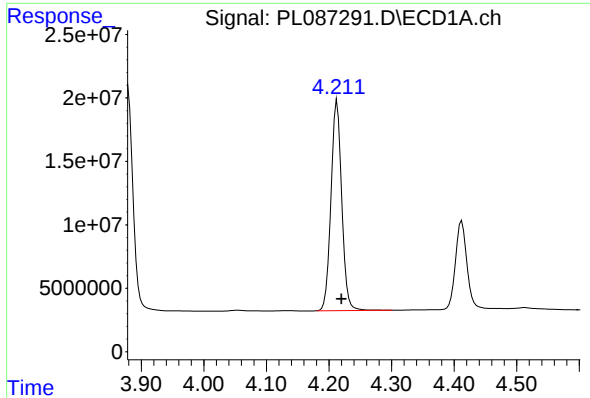
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: -0.006 min
Response: 209313794
Conc: 38.66 ng/ml



#2 alpha-BHC

R.T.: 3.182 min
Delta R.T.: -0.007 min
Response: 87457395
Conc: 35.59 ng/ml m



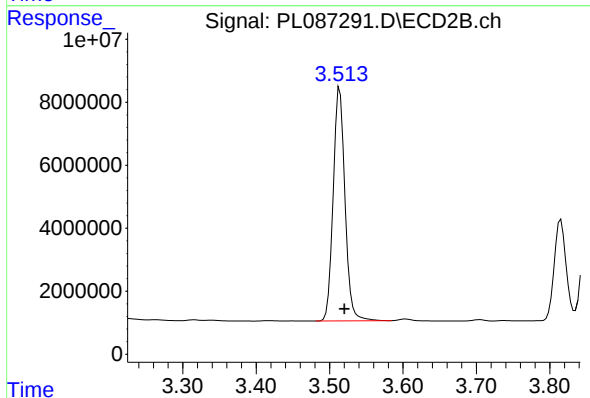
#3 gamma-BHC (Lindane)

R.T.: 4.213 min
Delta R.T.: -0.007 min
Response: 197953914
Conc: 37.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMSD

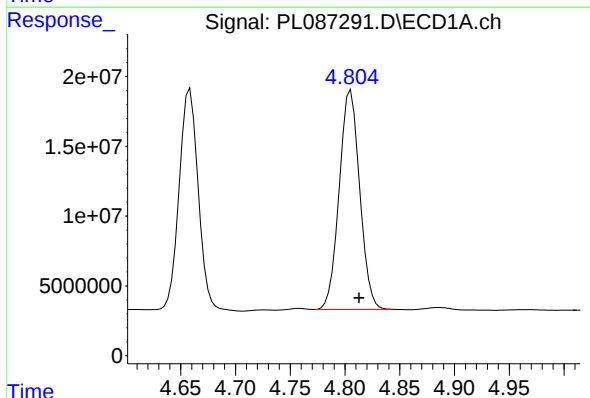
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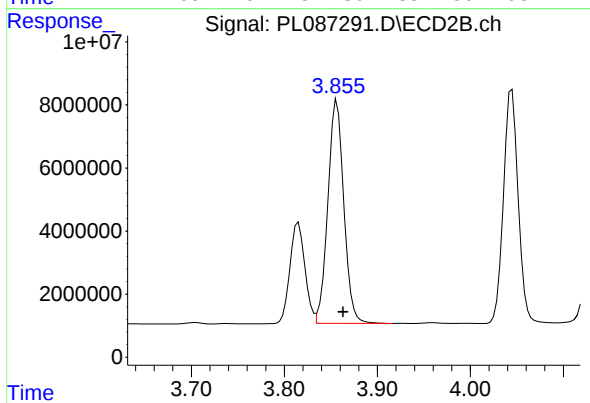
#3 gamma-BHC (Lindane)

R.T.: 3.514 min
Delta R.T.: -0.006 min
Response: 82881474
Conc: 34.21 ng/ml



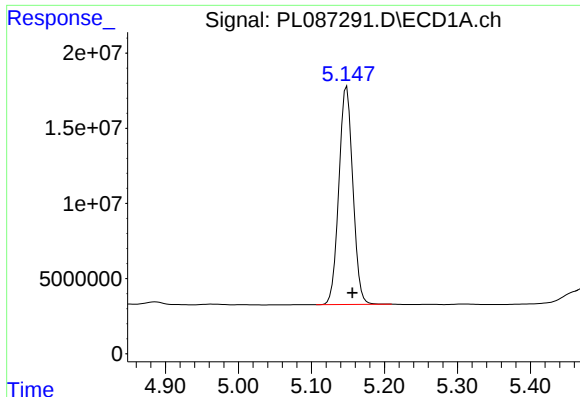
#4 Heptachlor

R.T.: 4.804 min
Delta R.T.: -0.009 min
Response: 203999405
Conc: 38.30 ng/ml m



#4 Heptachlor

R.T.: 3.857 min
Delta R.T.: -0.006 min
Response: 84465428
Conc: 35.34 ng/ml



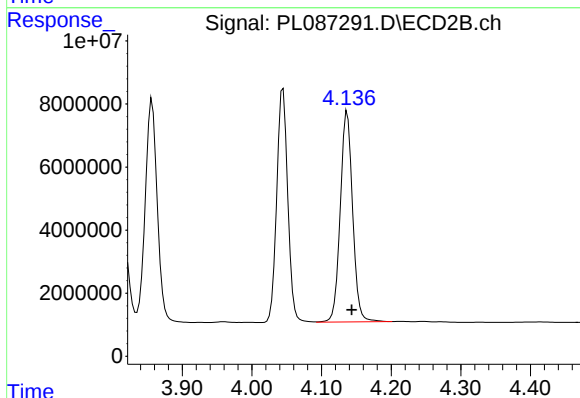
#5 Aldrin

R.T.: 5.148 min
Delta R.T.: -0.008 min
Response: 192637822
Conc: 37.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMSD

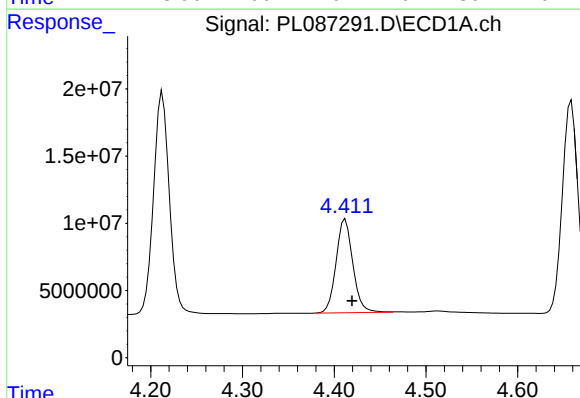
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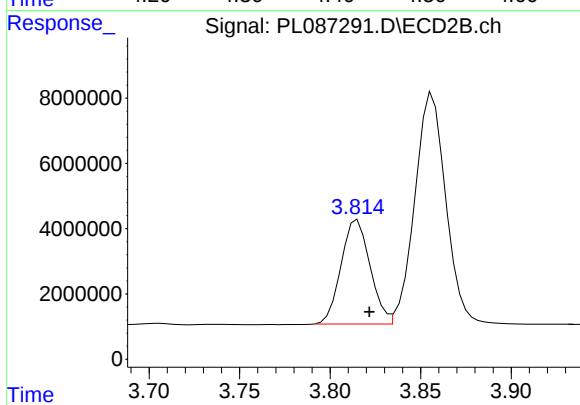
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.007 min
Response: 82412032
Conc: 34.37 ng/ml



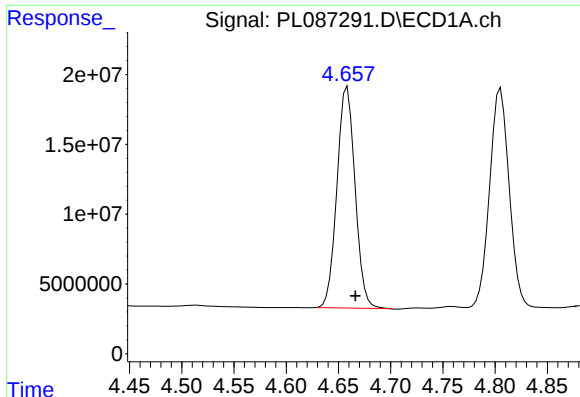
#6 beta-BHC

R.T.: 4.412 min
Delta R.T.: -0.007 min
Response: 88379980
Conc: 38.48 ng/ml



#6 beta-BHC

R.T.: 3.815 min
Delta R.T.: -0.007 min
Response: 35684798
Conc: 34.28 ng/ml



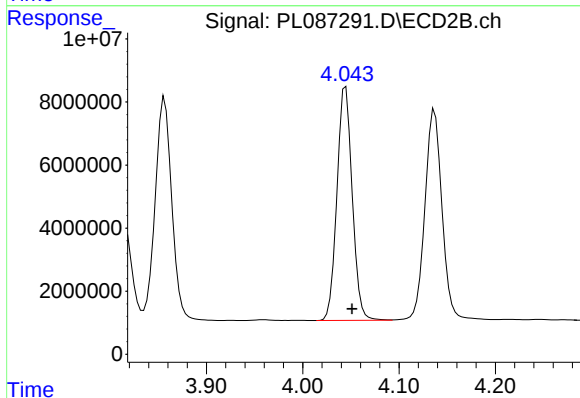
#7 delta-BHC

R.T.: 4.657 min
Delta R.T.: -0.009 min
Response: 190901867
Conc: 36.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMSD

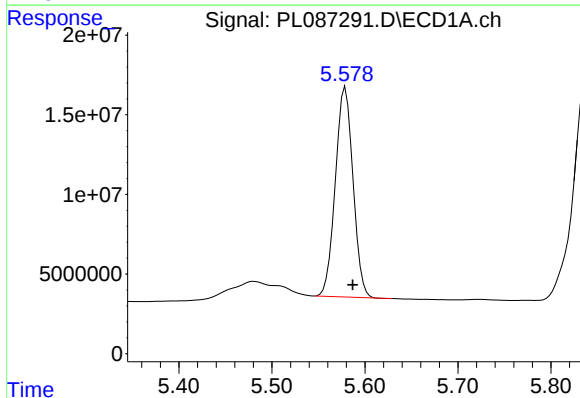
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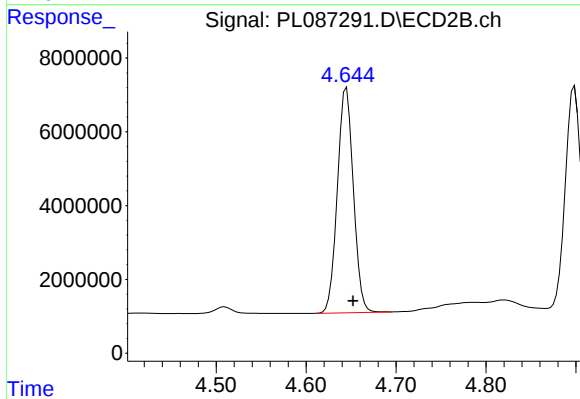
#7 delta-BHC

R.T.: 4.045 min
Delta R.T.: -0.006 min
Response: 81718991
Conc: 33.41 ng/ml



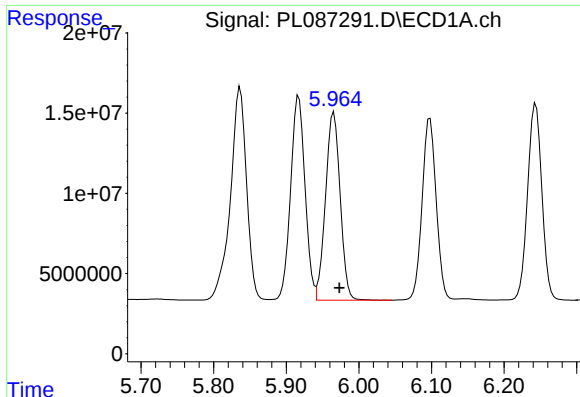
#8 Heptachlor epoxide

R.T.: 5.579 min
Delta R.T.: -0.008 min
Response: 173671653
Conc: 36.85 ng/ml



#8 Heptachlor epoxide

R.T.: 4.645 min
Delta R.T.: -0.007 min
Response: 75384670
Conc: 33.88 ng/ml



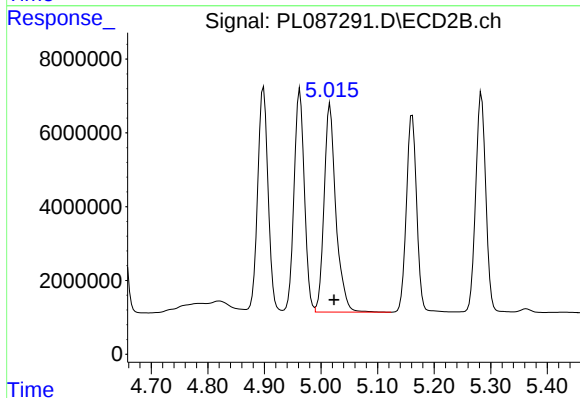
#9 Endosulfan I

R.T.: 5.966 min
Delta R.T.: -0.008 min
Response: 164454637
Conc: 36.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMSD

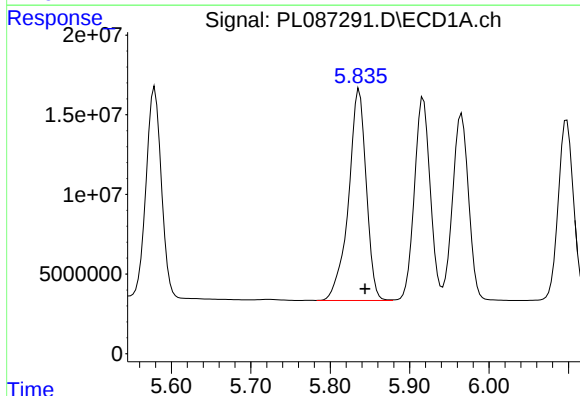
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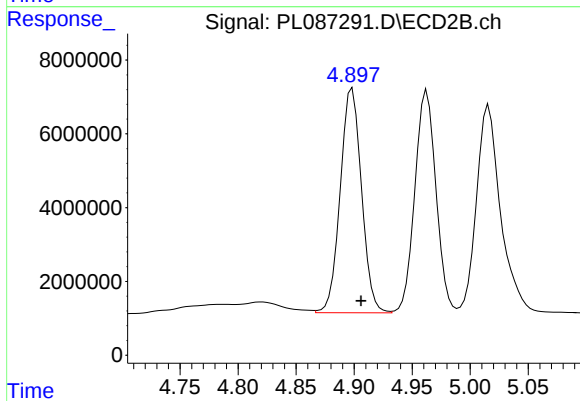
#9 Endosulfan I

R.T.: 5.016 min
Delta R.T.: -0.007 min
Response: 82002677
Conc: 37.94 ng/ml



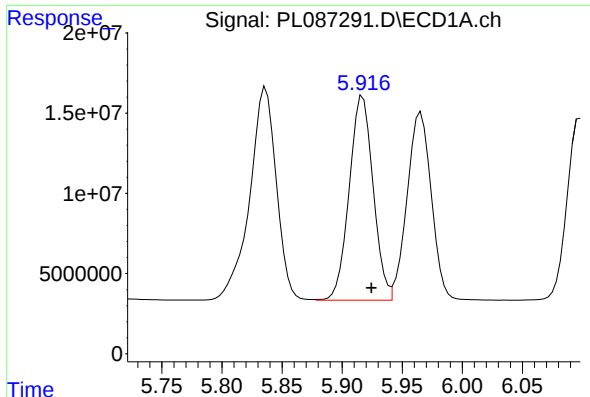
#10 gamma-Chlordane

R.T.: 5.837 min
Delta R.T.: -0.007 min
Response: 205410481
Conc: 42.37 ng/ml



#10 gamma-Chlordane

R.T.: 4.898 min
Delta R.T.: -0.007 min
Response: 77772000
Conc: 34.00 ng/ml



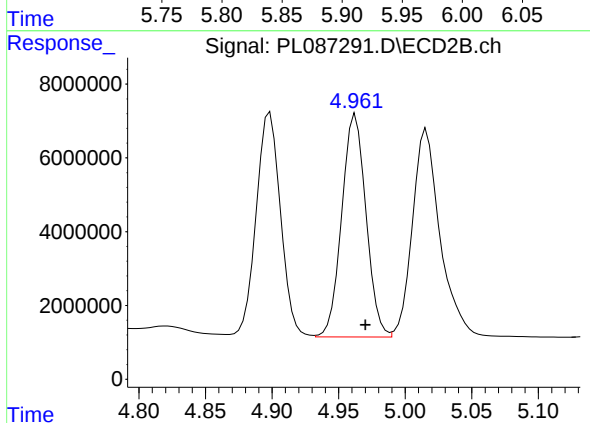
#11 alpha-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.007 min
Response: 176441548
Conc: 36.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMSD

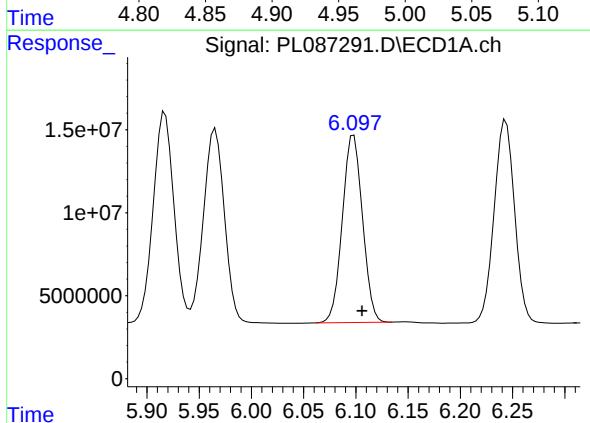
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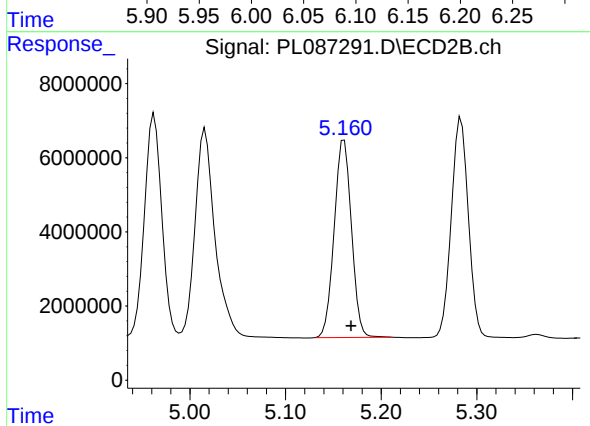
#11 alpha-Chlordane

R.T.: 4.963 min
Delta R.T.: -0.007 min
Response: 76644957
Conc: 33.21 ng/ml



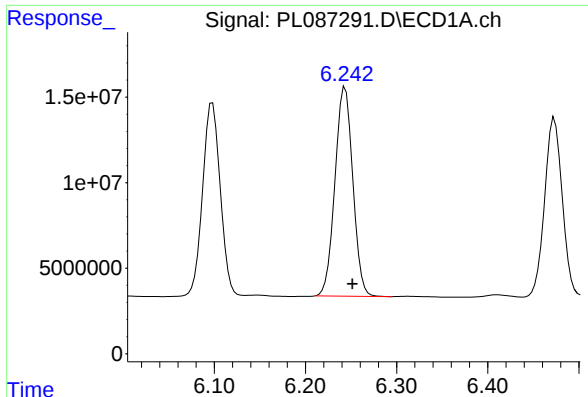
#12 4,4'-DDE

R.T.: 6.098 min
Delta R.T.: -0.008 min
Response: 151364170
Conc: 36.53 ng/ml



#12 4,4'-DDE

R.T.: 5.161 min
Delta R.T.: -0.007 min
Response: 66876273
Conc: 33.68 ng/ml



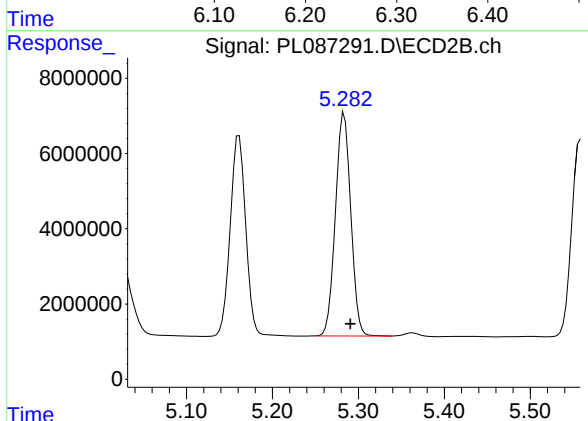
#13 Dieldrin

R.T.: 6.244 min
Delta R.T.: -0.008 min
Response: 166228380
Conc: 35.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMSD

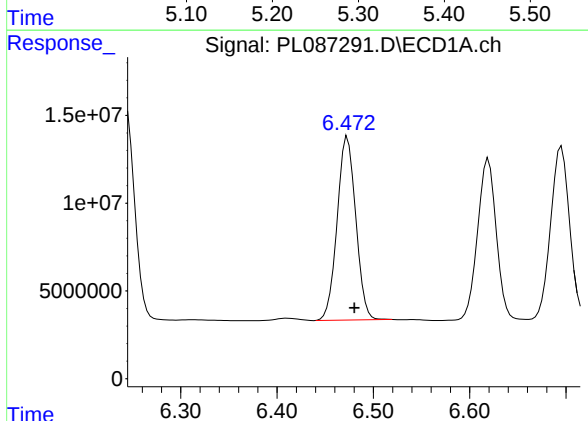
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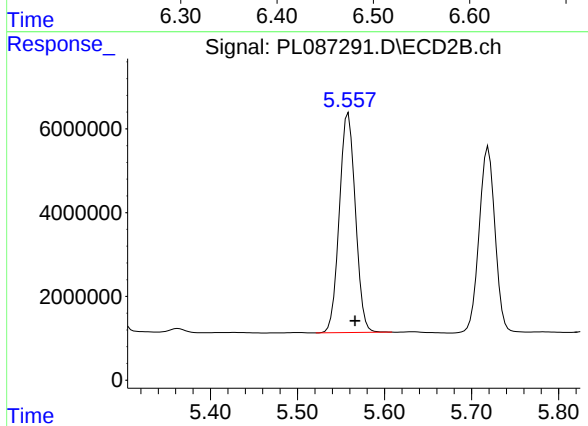
#13 Dieldrin

R.T.: 5.284 min
Delta R.T.: -0.007 min
Response: 73404010
Conc: 32.95 ng/ml



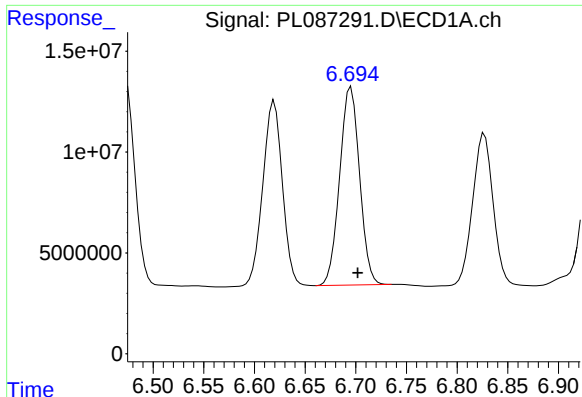
#14 Endrin

R.T.: 6.473 min
Delta R.T.: -0.007 min
Response: 140353342
Conc: 36.48 ng/ml



#14 Endrin

R.T.: 5.559 min
Delta R.T.: -0.008 min
Response: 67213953
Conc: 33.68 ng/ml



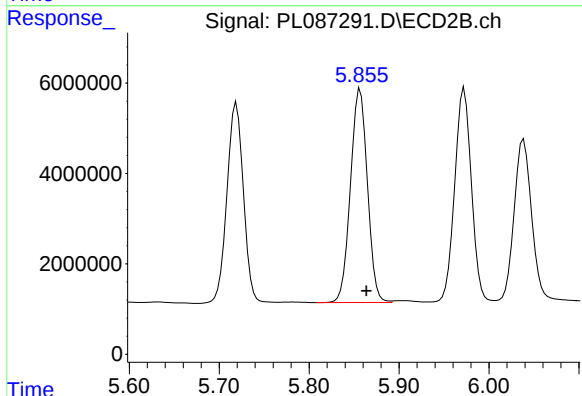
#15 Endosulfan II

R.T.: 6.695 min
Delta R.T.: -0.007 min
Response: 134273252
Conc: 33.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMSD

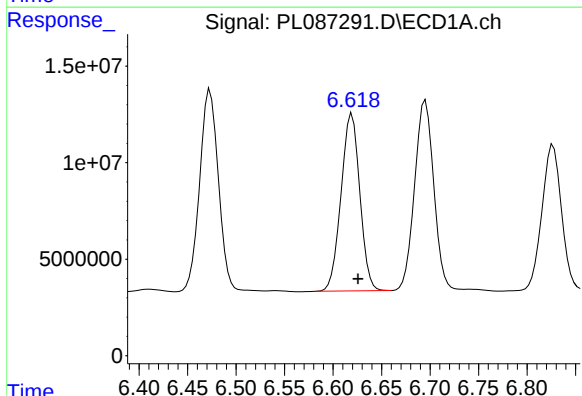
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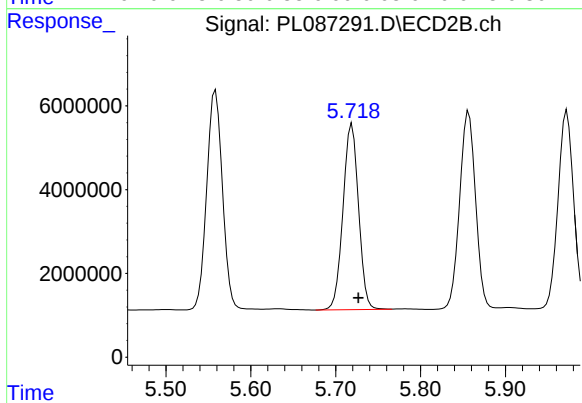
#15 Endosulfan II

R.T.: 5.857 min
Delta R.T.: -0.007 min
Response: 61793446
Conc: 31.74 ng/ml



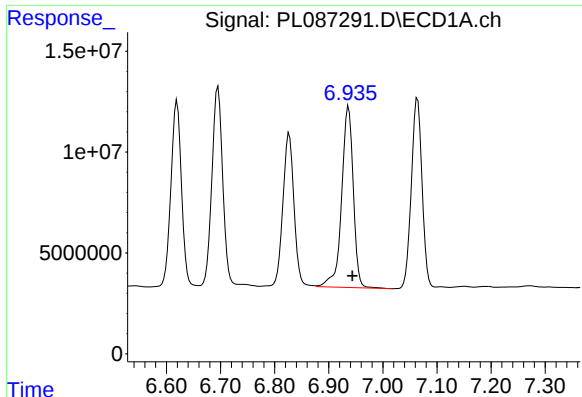
#16 4,4'-DDD

R.T.: 6.619 min
Delta R.T.: -0.006 min
Response: 123699457
Conc: 37.43 ng/ml



#16 4,4'-DDD

R.T.: 5.719 min
Delta R.T.: -0.008 min
Response: 56320114
Conc: 34.01 ng/ml



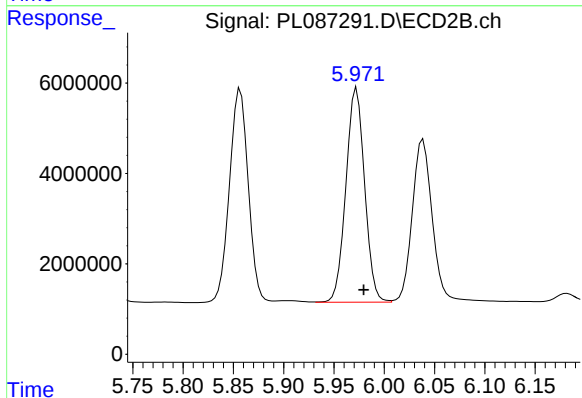
#17 4,4'-DDT

R.T.: 6.937 min
Delta R.T.: -0.007 min
Response: 134761767
Conc: 35.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMSD

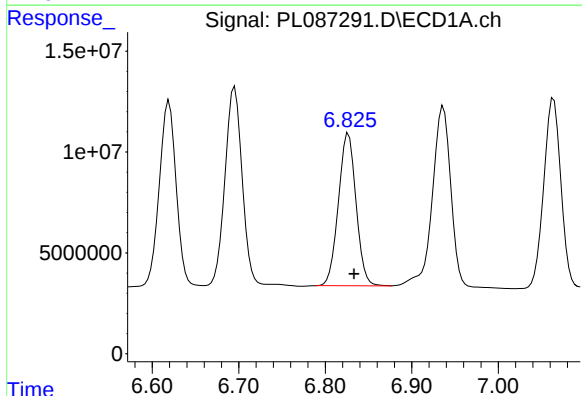
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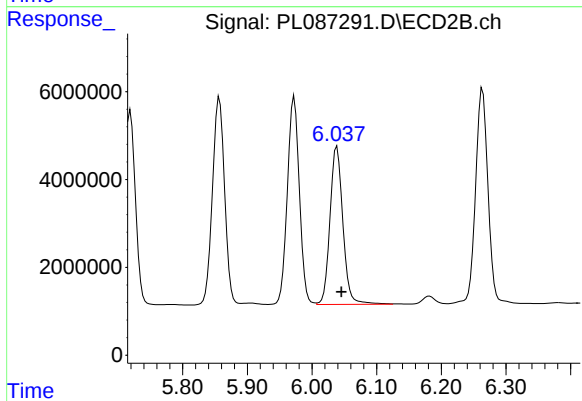
#17 4,4'-DDT

R.T.: 5.972 min
Delta R.T.: -0.007 min
Response: 61114764
Conc: 33.14 ng/ml



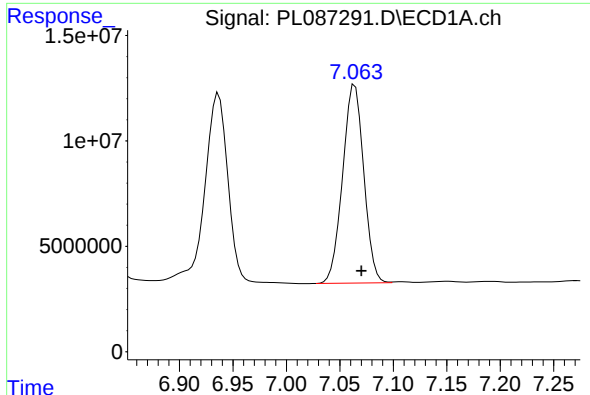
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: -0.008 min
Response: 106485454
Conc: 36.74 ng/ml m



#18 Endrin aldehyde

R.T.: 6.039 min
Delta R.T.: -0.007 min
Response: 49826494
Conc: 33.95 ng/ml



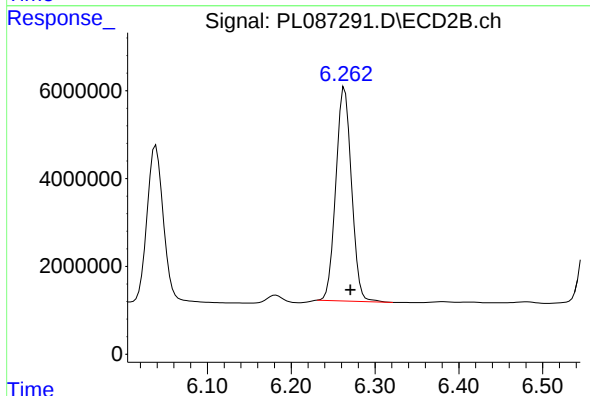
#19 Endosulfan Sulfate

R.T.: 7.064 min
Delta R.T.: -0.006 min
Response: 129609046
Conc: 33.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
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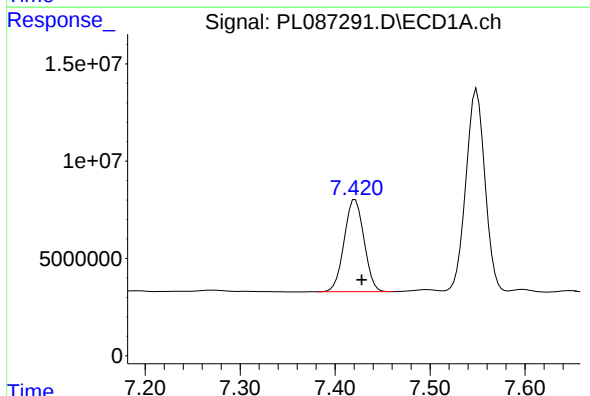
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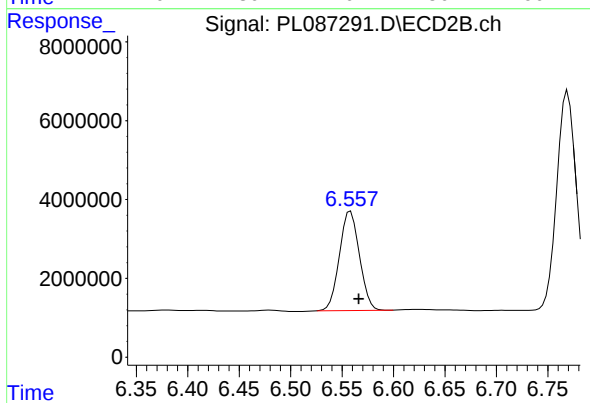
#19 Endosulfan Sulfate

R.T.: 6.264 min
Delta R.T.: -0.007 min
Response: 63174094
Conc: 33.54 ng/ml



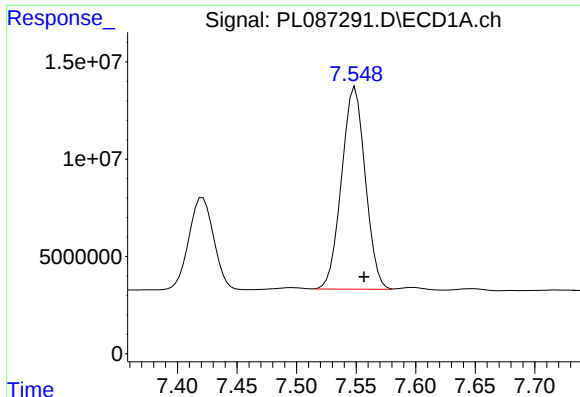
#20 Methoxychlor

R.T.: 7.421 min
Delta R.T.: -0.007 min
Response: 68884481
Conc: 35.33 ng/ml



#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: -0.008 min
Response: 34139919
Conc: 33.42 ng/ml



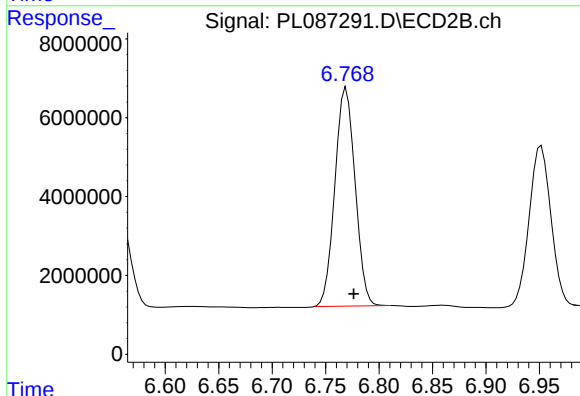
#21 Endrin ketone

R.T.: 7.548 min
Delta R.T.: -0.009 min
Response: 143769894
Conc: 35.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMSD

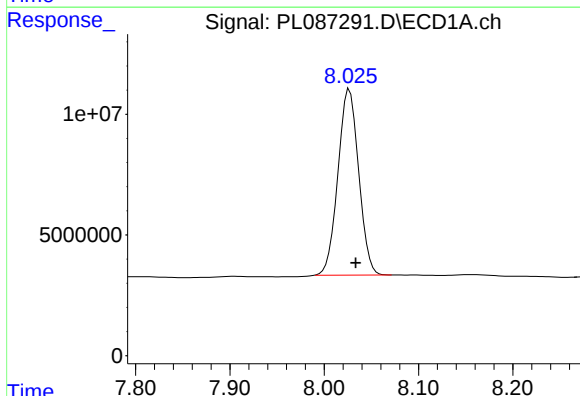
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2023
Supervised By :Ankita Jodhani 12/21/2023



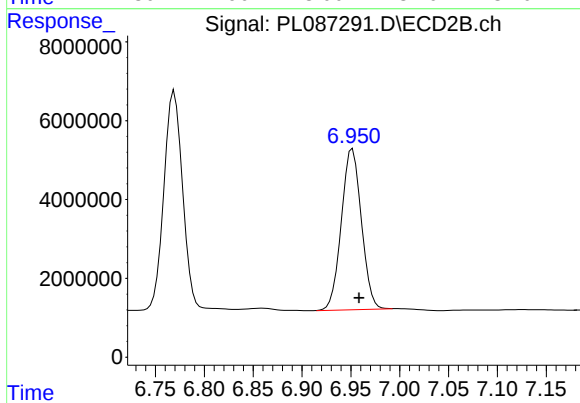
#21 Endrin ketone

R.T.: 6.769 min
Delta R.T.: -0.007 min
Response: 73025324
Conc: 34.31 ng/ml



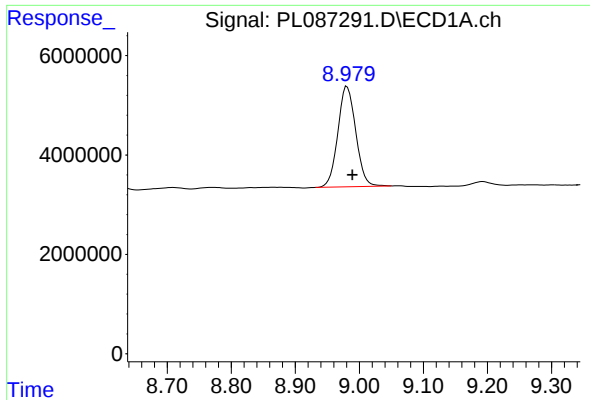
#22 Mirex

R.T.: 8.027 min
Delta R.T.: -0.007 min
Response: 117753893
Conc: 34.96 ng/ml



#22 Mirex

R.T.: 6.950 min
Delta R.T.: -0.008 min
Response: 58381481
Conc: 32.81 ng/ml m



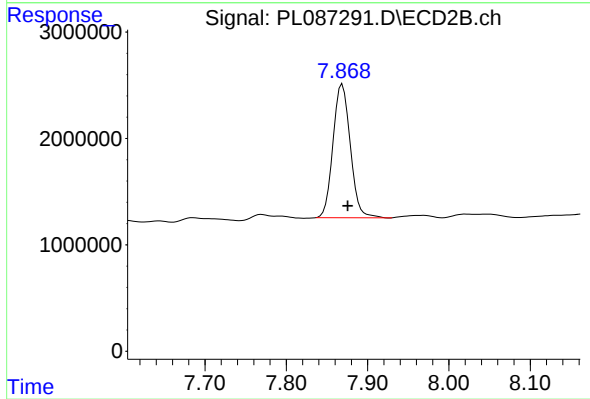
#28 Decachlorobiphenyl

R.T.: 8.981 min
Delta R.T.: -0.008 min
Response: 39271357
Conc: 11.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-37aMSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2023
Supervised By :Ankita Jodhani 12/21/2023



#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: -0.007 min
Response: 18588458
Conc: 11.01 ng/ml