

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122123\
 Data File : PL087326.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2023 15:11
 Operator : AR\AJ
 Sample : 05897-24MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 GHL-SS-29MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/22/2023
 Supervised By :Ankita Jodhani 12/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 00:27:45 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	2.677	51596697	21075937	13.710	12.521
28)	SA Decachlor...	8.980	7.868	45063793	20323227	13.215	12.033
Target Compounds							
2)	A alpha-BHC	3.878	3.181	193.0E6	80916757	35.639	32.925m
3)	MA gamma-BHC...	4.212	3.513	181.2E6	77007621	34.474	31.790
4)	MA Heptachlor	4.803	3.855	189.9E6	79017234	35.642m	33.058
5)	MB Aldrin	5.147	4.136	175.9E6	74358697	33.790	31.012
6)	B beta-BHC	4.411	3.814	78725214	32266573	34.276	30.996
7)	B delta-BHC	4.656	4.044	171.3E6	73726170	32.763m	30.139
8)	B Heptachlo...	5.578	4.644	151.7E6	68602492	32.191	30.828
9)	A Endosulfan I	5.964	5.015	150.1E6	87048999	33.605	40.279
10)	B gamma-Chl...	5.836	4.897	161.1E6	69832000	33.224	30.530
11)	B alpha-Chl...	5.916	4.961	159.5E6	78624430	33.192	34.066
12)	B 4,4'-DDE	6.097	5.159	134.7E6	57801690	32.511	29.112
13)	MA Dieldrin	6.243	5.282	151.4E6	66122437	32.622	29.681
14)	MA Endrin	6.473	5.558	127.8E6	59538826	33.210	29.834
15)	B Endosulfa...	6.695	5.854	119.5E6	54578277	29.799	28.032m
16)	A 4,4'-DDD	6.618	5.718	105.0E6	47288620	31.774	28.560
17)	MA 4,4'-DDT	6.934	5.971	121.2E6	53823387	32.227	29.183
18)	B Endrin al...	6.825	6.037	97128776	43015103	33.512	29.309
19)	B Endosulfa...	7.062	6.261	127.1E6	57473288	32.356	30.509m
20)	A Methoxychlor	7.420	6.557	63370437	30117841	32.499	29.487
21)	B Endrin ke...	7.547	6.767	132.5E6	64413717	32.574m	30.260m
22)	Mirex	8.025	6.950	109.5E6	53332379	32.500	29.977

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122123\
Data File : PL087326.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Dec 2023 15:11
Operator : AR\AJ
Sample : 05897-24MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

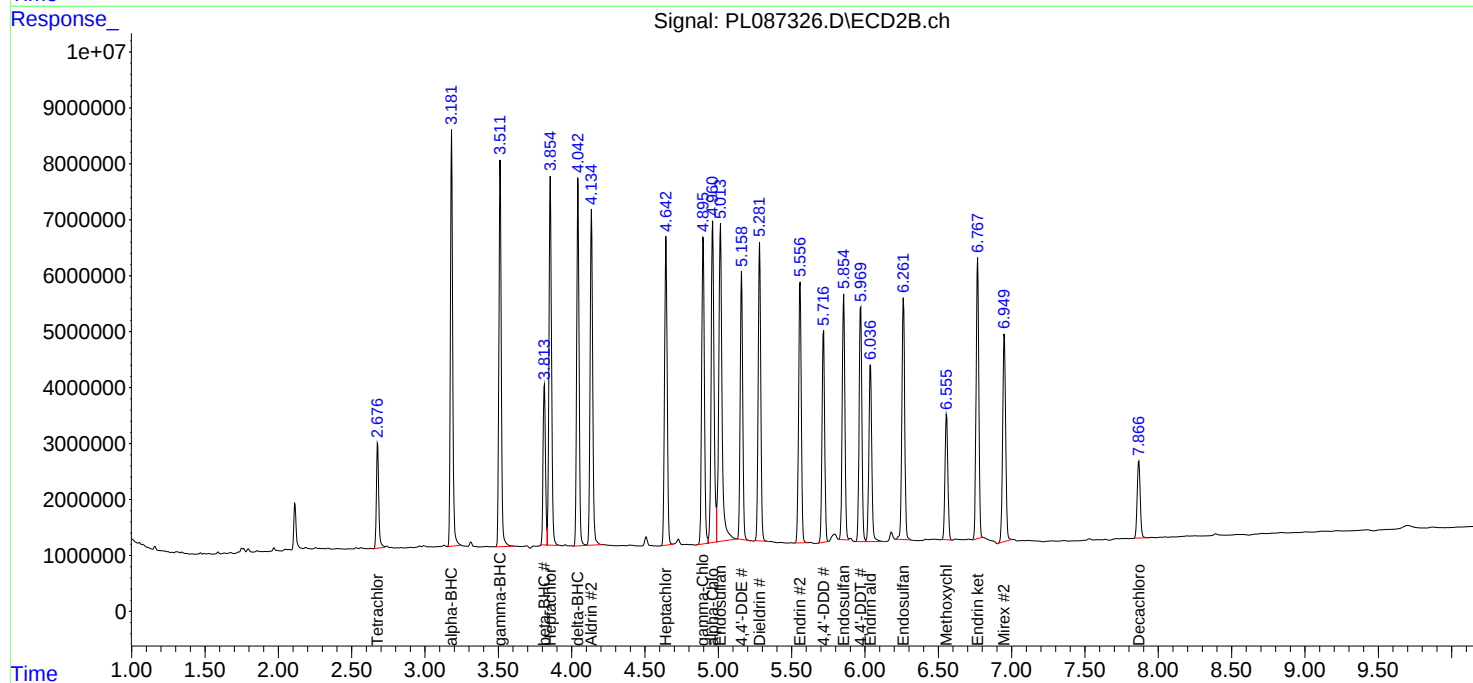
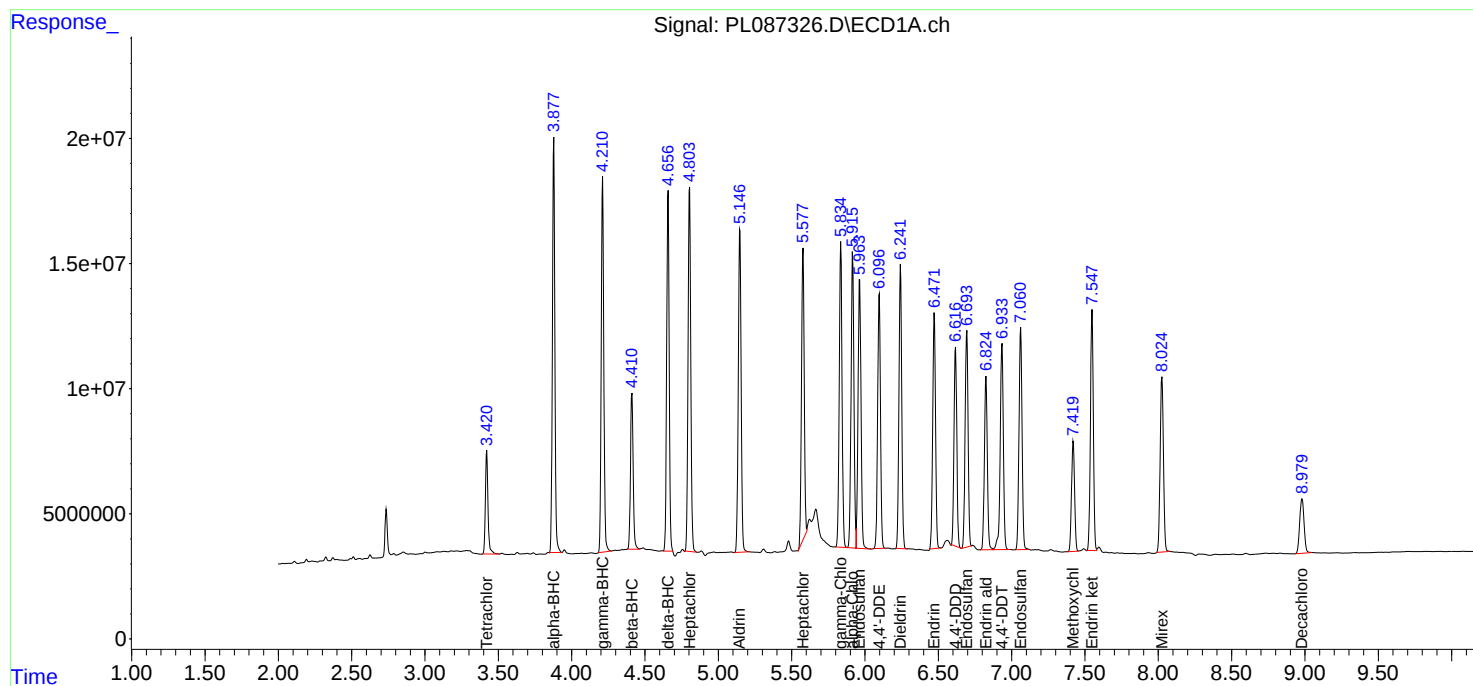
Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MS

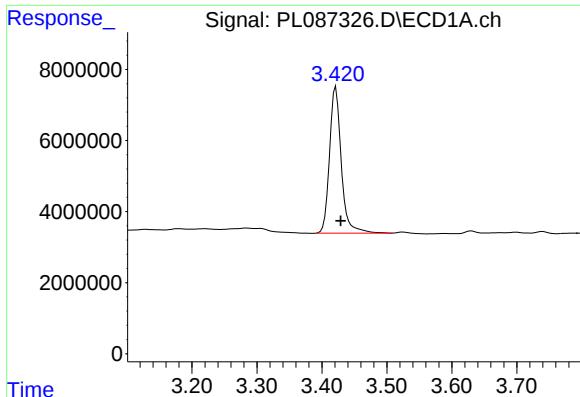
Manual Integrations
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Supervised By :Ankita Jodhani 12/22/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 22 00:27:45 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





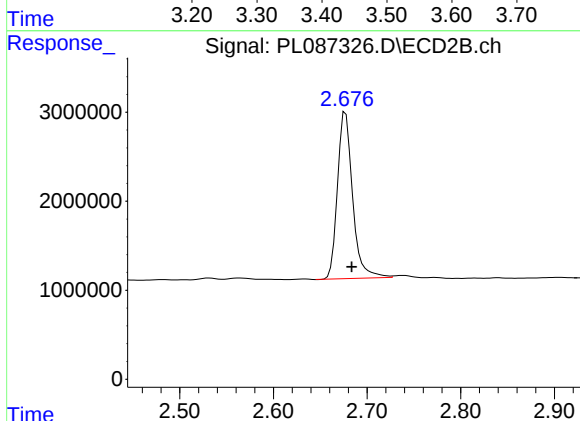
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 51596697
Conc: 13.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MS

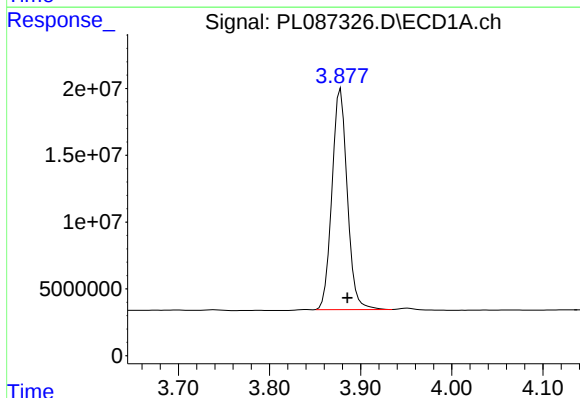
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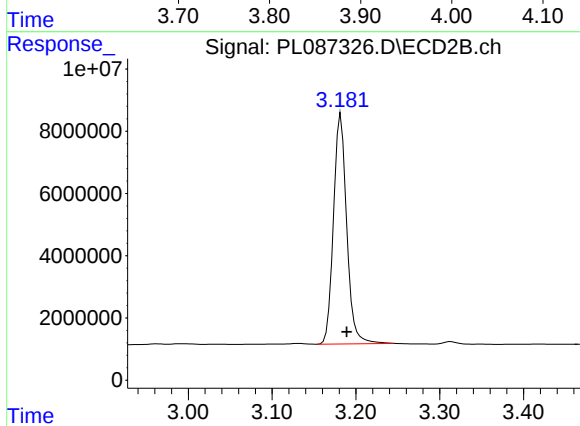
#1 Tetrachloro-m-xylene

R.T.: 2.677 min
Delta R.T.: -0.006 min
Response: 21075937
Conc: 12.52 ng/ml



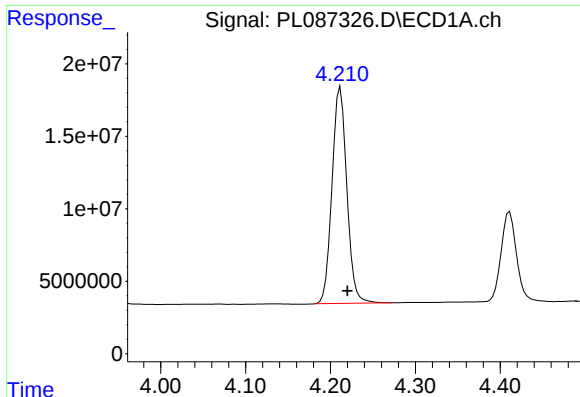
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: -0.007 min
Response: 192956546
Conc: 35.64 ng/ml



#2 alpha-BHC

R.T.: 3.181 min
Delta R.T.: -0.008 min
Response: 80916757
Conc: 32.93 ng/ml m



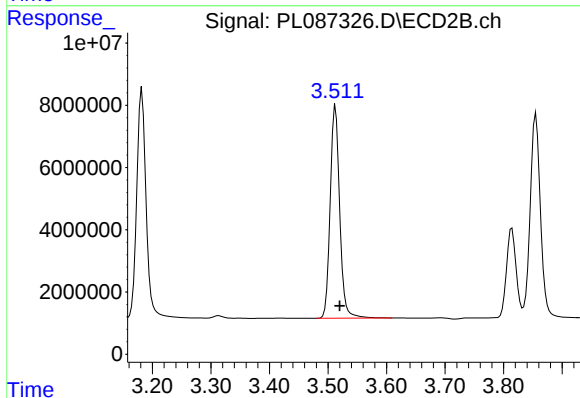
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.008 min
Response: 181182740
Conc: 34.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MS

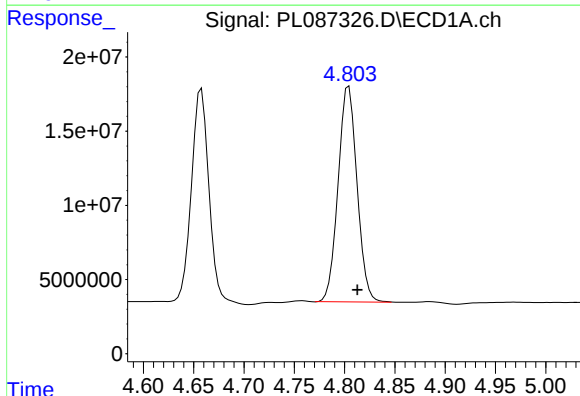
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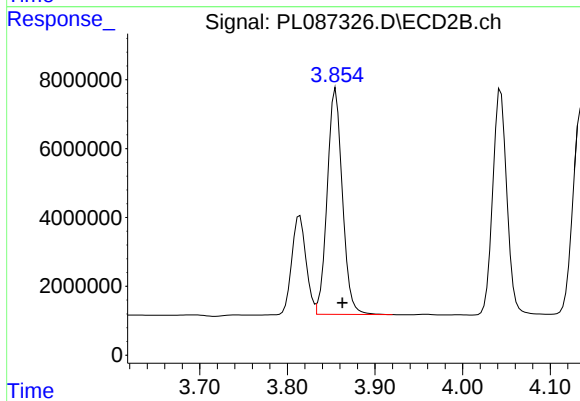
#3 gamma-BHC (Lindane)

R.T.: 3.513 min
Delta R.T.: -0.007 min
Response: 77007621
Conc: 31.79 ng/ml



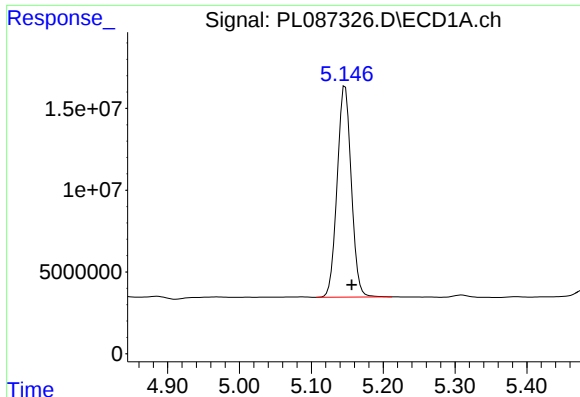
#4 Heptachlor

R.T.: 4.803 min
Delta R.T.: -0.010 min
Response: 189850880
Conc: 35.64 ng/ml m



#4 Heptachlor

R.T.: 3.855 min
Delta R.T.: -0.008 min
Response: 79017234
Conc: 33.06 ng/ml



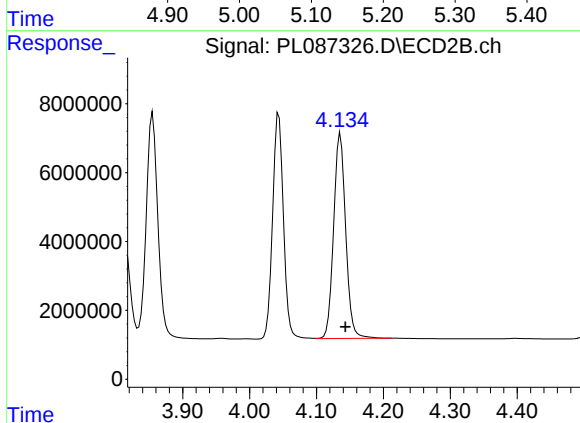
#5 Aldrin

R.T.: 5.147 min
Delta R.T.: -0.009 min
Response: 175925962
Conc: 33.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MS

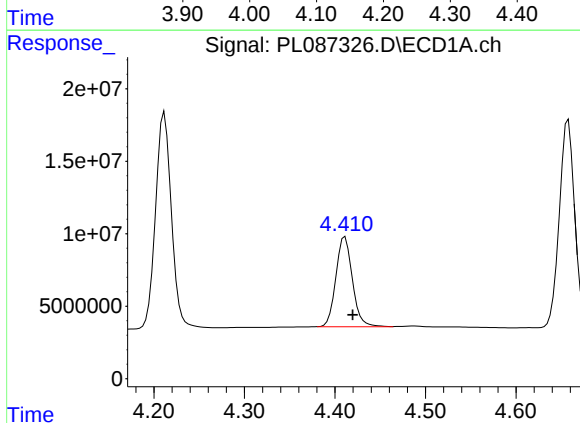
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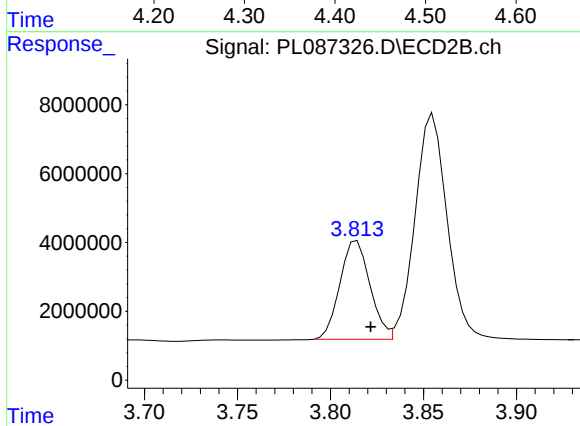
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.008 min
Response: 74358697
Conc: 31.01 ng/ml



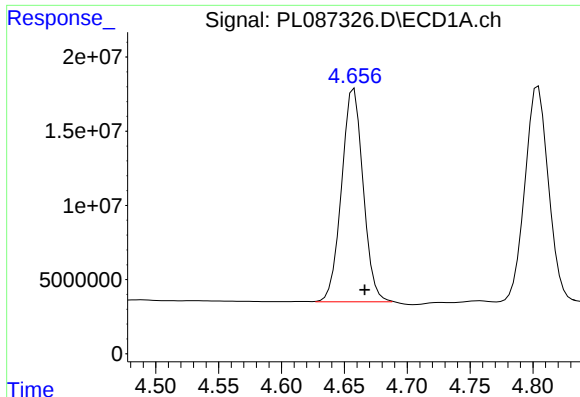
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: -0.008 min
Response: 78725214
Conc: 34.28 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.007 min
Response: 32266573
Conc: 31.00 ng/ml



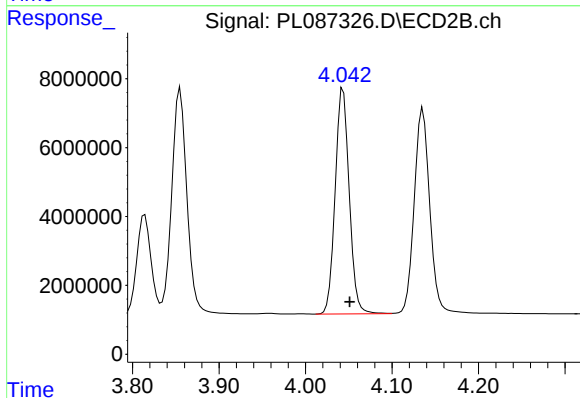
#7 delta-BHC

R.T.: 4.656 min
Delta R.T.: -0.010 min
Response: 171331523
Conc: 32.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MS

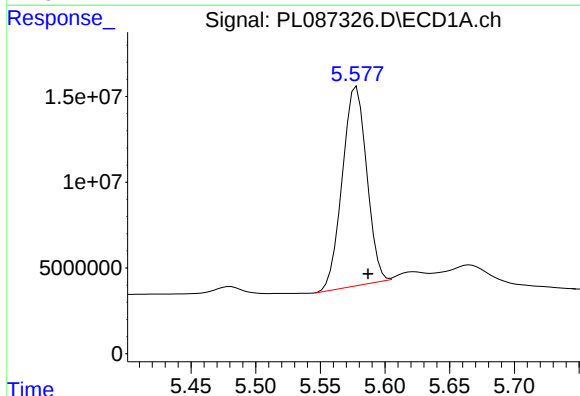
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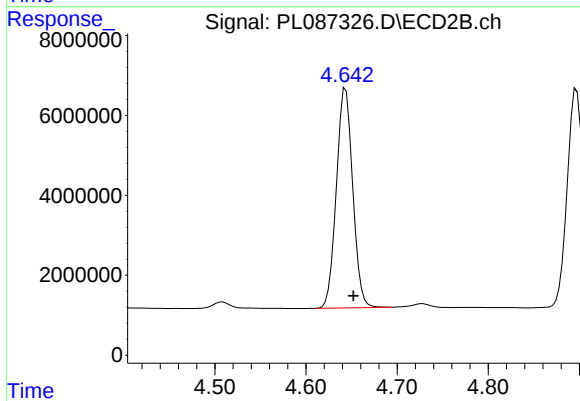
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.008 min
Response: 73726170
Conc: 30.14 ng/ml



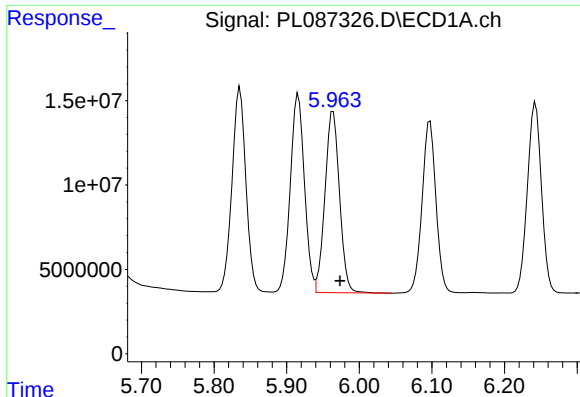
#8 Heptachlor epoxide

R.T.: 5.578 min
Delta R.T.: -0.009 min
Response: 151708927
Conc: 32.19 ng/ml



#8 Heptachlor epoxide

R.T.: 4.644 min
Delta R.T.: -0.008 min
Response: 68602492
Conc: 30.83 ng/ml



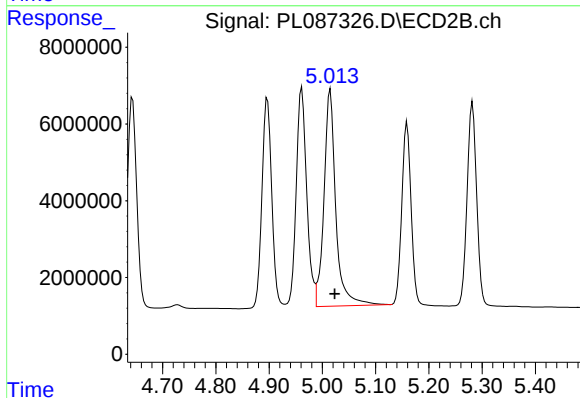
#9 Endosulfan I

R.T.: 5.964 min
Delta R.T.: -0.009 min
Response: 150092036
Conc: 33.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MS

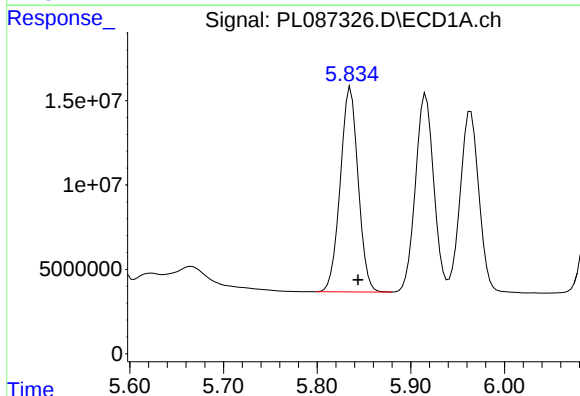
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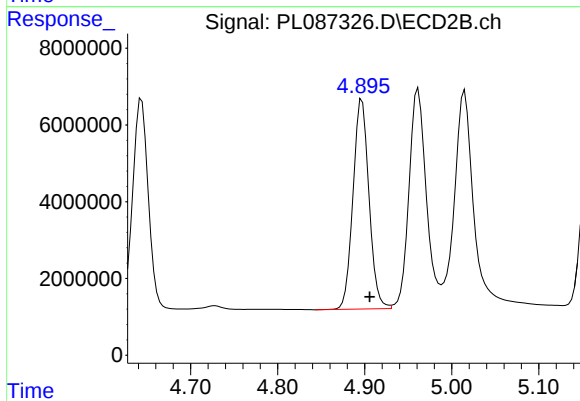
#9 Endosulfan I

R.T.: 5.015 min
Delta R.T.: -0.009 min
Response: 87048999
Conc: 40.28 ng/ml



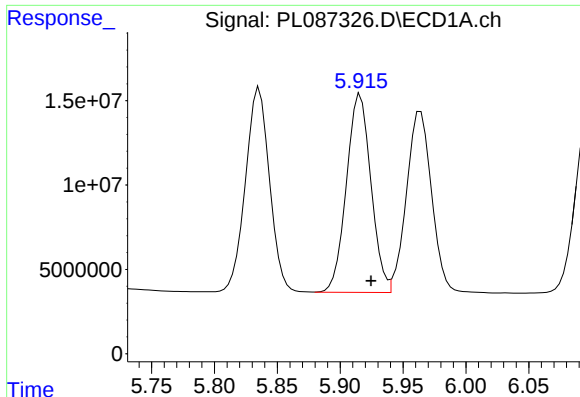
#10 gamma-Chlordane

R.T.: 5.836 min
Delta R.T.: -0.008 min
Response: 161071437
Conc: 33.22 ng/ml



#10 gamma-Chlordane

R.T.: 4.897 min
Delta R.T.: -0.009 min
Response: 69832000
Conc: 30.53 ng/ml



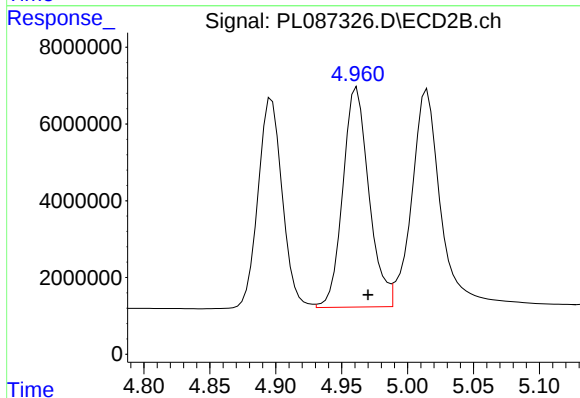
#11 alpha-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.008 min
Response: 159525212
Conc: 33.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MS

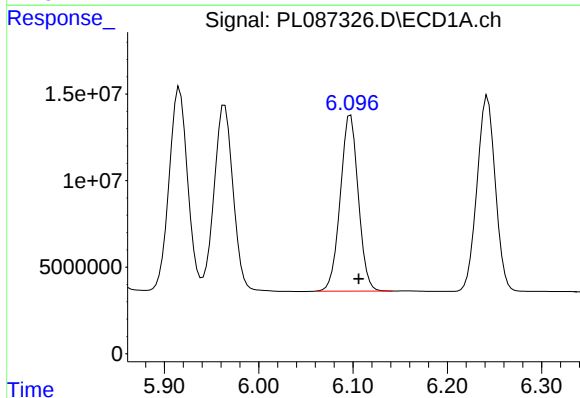
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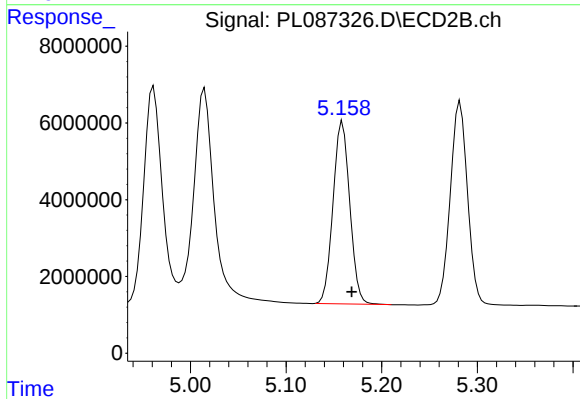
#11 alpha-Chlordane

R.T.: 4.961 min
Delta R.T.: -0.009 min
Response: 78624430
Conc: 34.07 ng/ml



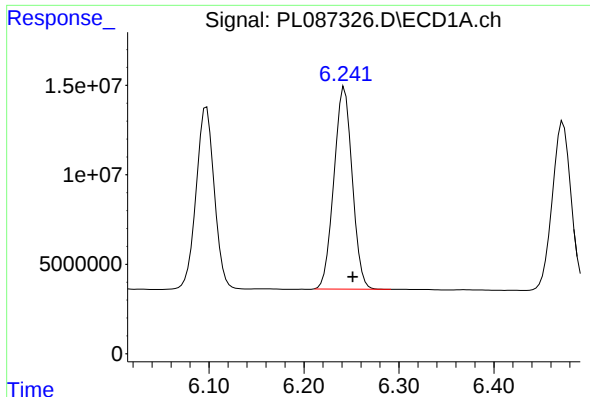
#12 4,4'-DDE

R.T.: 6.097 min
Delta R.T.: -0.009 min
Response: 134725413
Conc: 32.51 ng/ml



#12 4,4'-DDE

R.T.: 5.159 min
Delta R.T.: -0.010 min
Response: 57801690
Conc: 29.11 ng/ml



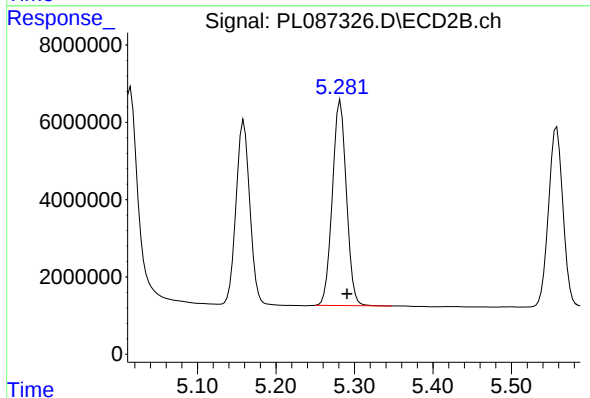
#13 Dieldrin

R.T.: 6.243 min
Delta R.T.: -0.009 min
Response: 151393791
Conc: 32.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MS

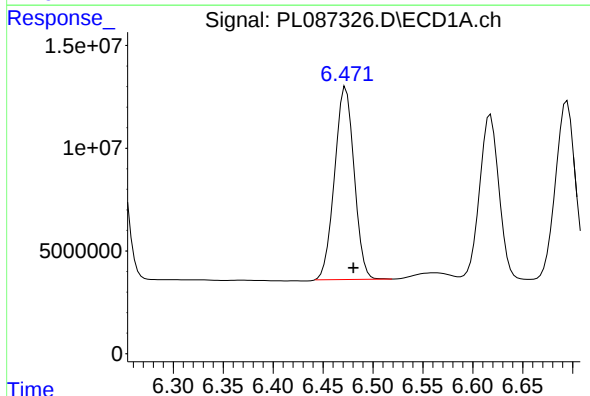
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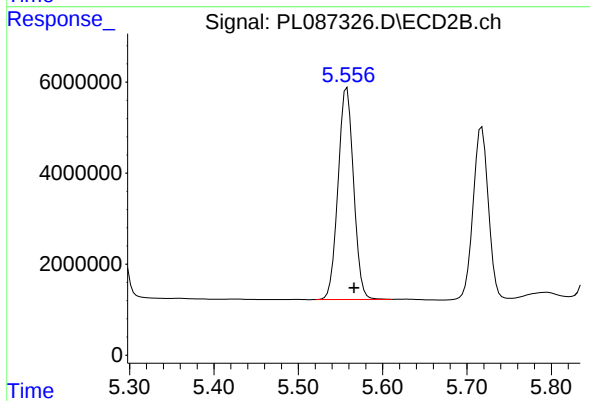
#13 Dieldrin

R.T.: 5.282 min
Delta R.T.: -0.009 min
Response: 66122437
Conc: 29.68 ng/ml



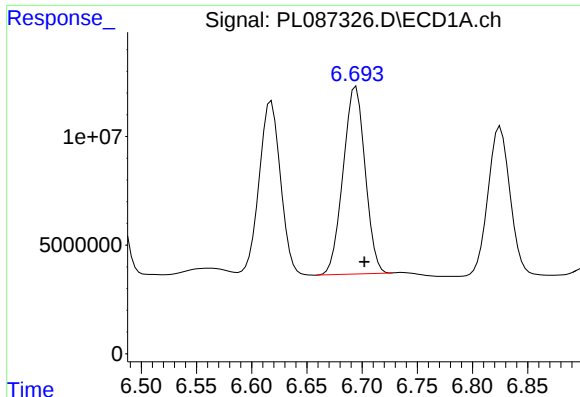
#14 Endrin

R.T.: 6.473 min
Delta R.T.: -0.008 min
Response: 127771731
Conc: 33.21 ng/ml



#14 Endrin

R.T.: 5.558 min
Delta R.T.: -0.008 min
Response: 59538826
Conc: 29.83 ng/ml



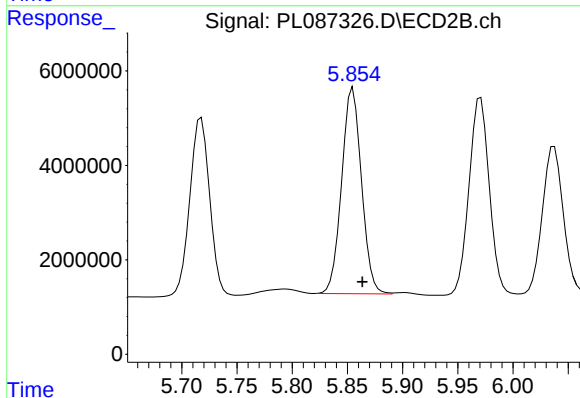
#15 Endosulfan II

R.T.: 6.695 min
Delta R.T.: -0.007 min
Response: 119504489
Conc: 29.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MS

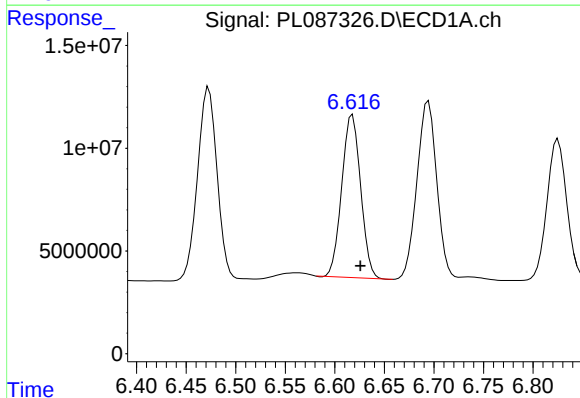
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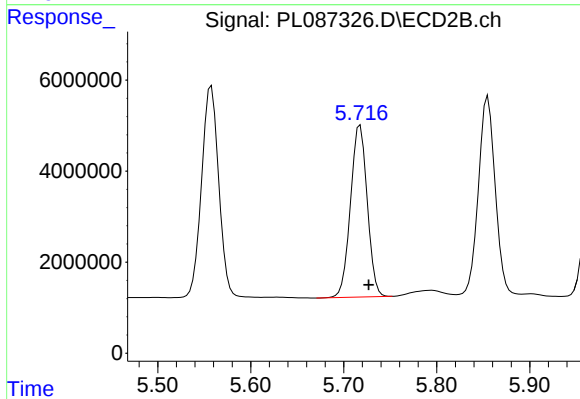
#15 Endosulfan II

R.T.: 5.854 min
Delta R.T.: -0.010 min
Response: 54578277
Conc: 28.03 ng/ml m



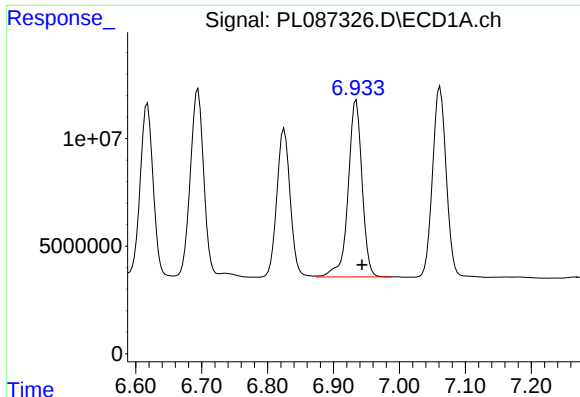
#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.008 min
Response: 105015267
Conc: 31.77 ng/ml



#16 4,4'-DDD

R.T.: 5.718 min
Delta R.T.: -0.009 min
Response: 47288620
Conc: 28.56 ng/ml



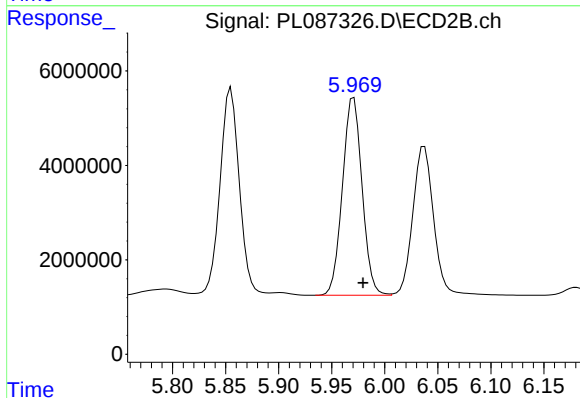
#17 4,4'-DDT

R.T.: 6.934 min
Delta R.T.: -0.009 min
Response: 121178854
Conc: 32.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MS

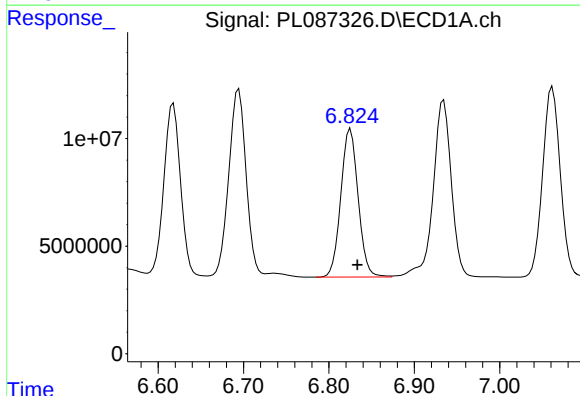
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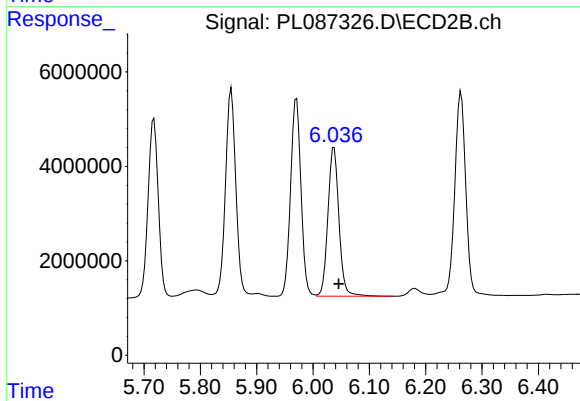
#17 4,4'-DDT

R.T.: 5.971 min
Delta R.T.: -0.009 min
Response: 53823387
Conc: 29.18 ng/ml



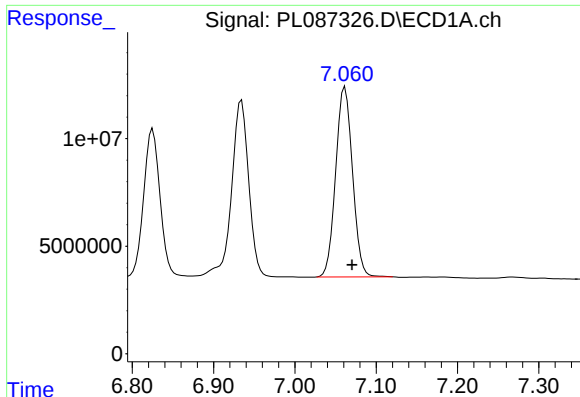
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: -0.008 min
Response: 97128776
Conc: 33.51 ng/ml



#18 Endrin aldehyde

R.T.: 6.037 min
Delta R.T.: -0.008 min
Response: 43015103
Conc: 29.31 ng/ml



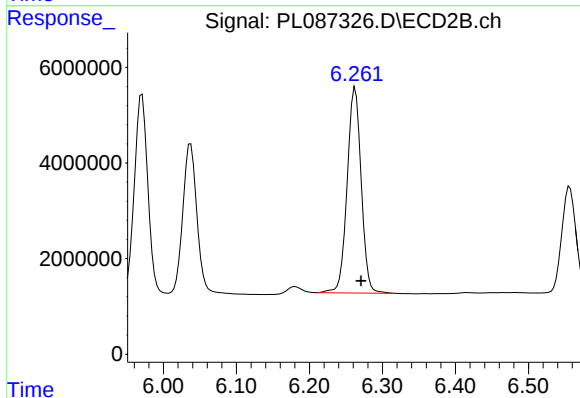
#19 Endosulfan Sulfate

R.T.: 7.062 min
Delta R.T.: -0.009 min
Response: 127055134
Conc: 32.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MS

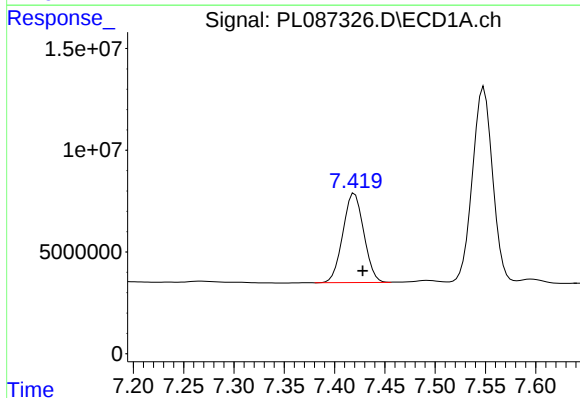
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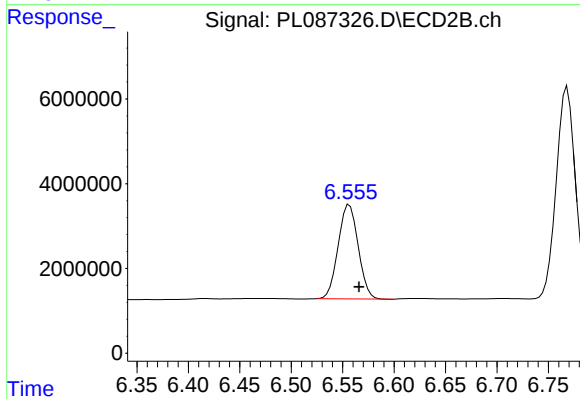
#19 Endosulfan Sulfate

R.T.: 6.261 min
Delta R.T.: -0.009 min
Response: 57473288
Conc: 30.51 ng/ml m



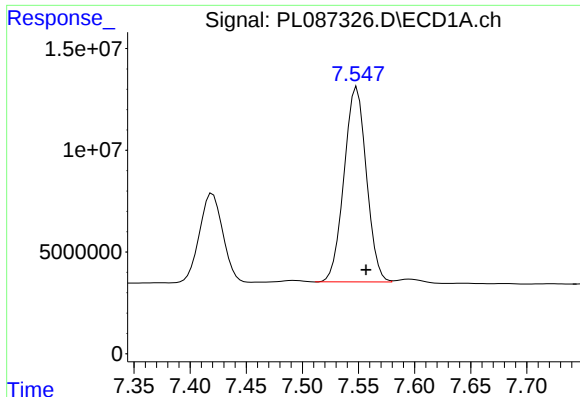
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: -0.008 min
Response: 63370437
Conc: 32.50 ng/ml



#20 Methoxychlor

R.T.: 6.557 min
Delta R.T.: -0.009 min
Response: 30117841
Conc: 29.49 ng/ml



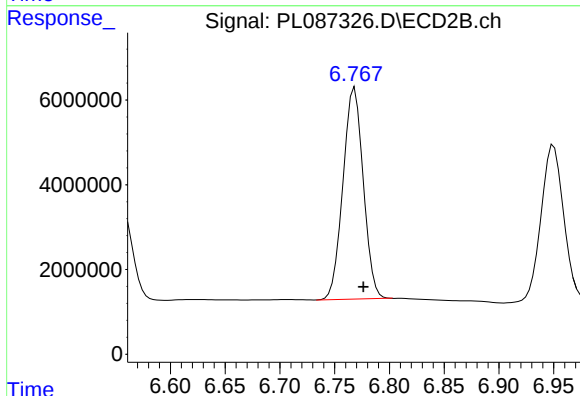
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: -0.009 min
Response: 132519158
Conc: 32.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MS

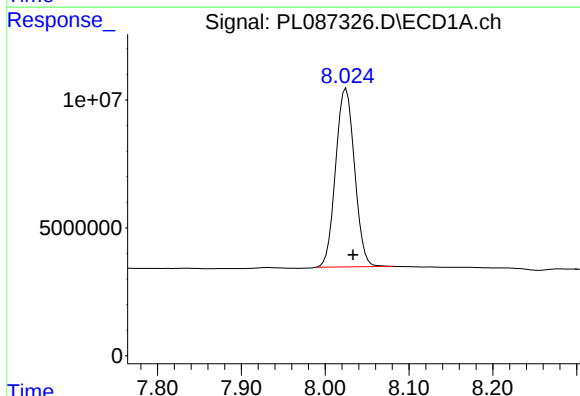
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/22/2023
Supervised By :Ankita Jodhani 12/22/2023



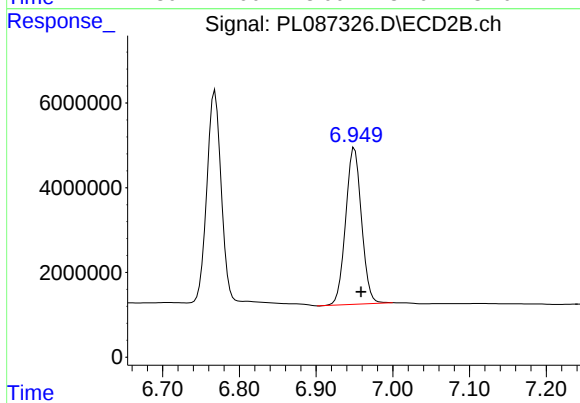
#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: -0.009 min
Response: 64413717
Conc: 30.26 ng/ml m



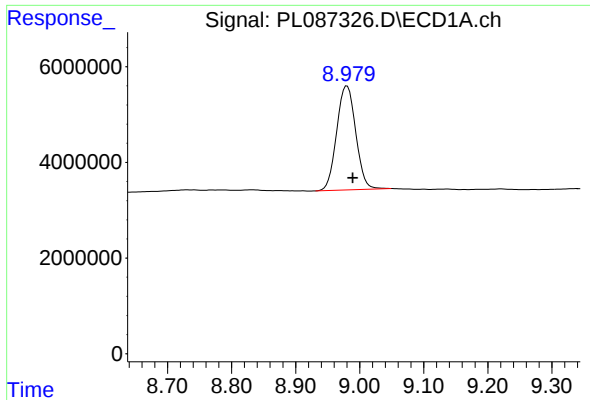
#22 Mirex

R.T.: 8.025 min
Delta R.T.: -0.008 min
Response: 109460597
Conc: 32.50 ng/ml



#22 Mirex

R.T.: 6.950 min
Delta R.T.: -0.008 min
Response: 53332379
Conc: 29.98 ng/ml



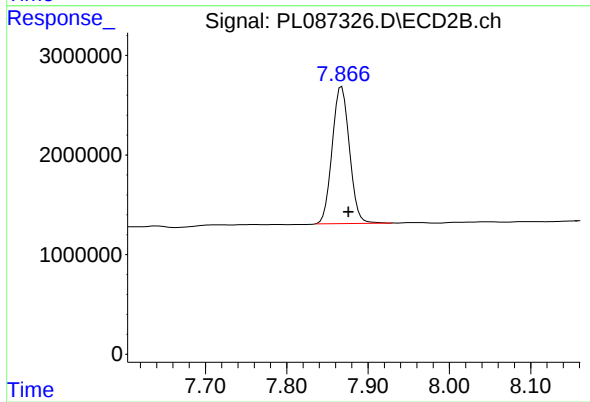
#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.009 min
Response: 45063793
Conc: 13.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-29MS

Manual Integrations
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Supervised By :Ankita Jodhani 12/22/2023



#28 Decachlorobiphenyl

R.T.: 7.868 min
Delta R.T.: -0.008 min
Response: 20323227
Conc: 12.03 ng/ml