

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032224\
 Data File : PL088738.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2024 11:47
 Operator : AR\AJ
 Sample : PB159727BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB159727BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/25/2024
 Supervised By :Ankita Jodhani 03/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 22:50:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 2024
 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...	3.635	2.853	51672938	27099111	19.499	20.333
28)	SA Decachlor...	9.296	8.077	38590747	23539318	15.612	17.360
Target Compounds							
2)	A alpha-BHC	4.099	3.366	209.7E6	110.4E6	52.529	54.921
3)	MA gamma-BHC...	4.437	3.703	197.6E6	104.7E6	50.942	54.557
4)	MA Heptachlor	5.036	4.051	193.8E6	103.3E6	51.040	57.371
5)	MB Aldrin	5.383	4.336	180.2E6	98513500	49.188	54.516
6)	B beta-BHC	4.634	4.004	88445854	45744938	49.872	53.363
7)	B delta-BHC	4.886	4.239	180.9E6	100.1E6	44.919	52.343
8)	B Heptachlo...	5.815	4.846	174.6E6	90510931	50.825	55.039
9)	A Endosulfan I	6.204	5.222	154.2E6	83714193	50.462	55.689
10)	B gamma-Chl...	6.072	5.099	172.1E6	94326495	51.676m	56.950m
11)	B alpha-Chl...	6.152	5.165	167.5E6	93283655	50.390m	56.197
12)	B 4,4'-DDE	6.328	5.358	146.5E6	83672323	49.023	57.365
13)	MA Dieldrin	6.483	5.490	159.3E6	89888765	49.112	55.345
14)	MA Endrin	6.716	5.768	133.4E6	84109527	48.808	58.351m
15)	B Endosulfa...	6.936	6.067	133.8E6	77311004	46.728	53.767
16)	A 4,4'-DDD	6.849	5.920	118.8E6	70689801	46.656	56.762
17)	MA 4,4'-DDT	7.169	6.174	128.3E6	74241907	48.120	55.314
18)	B Endrin al...	7.066	6.248	102.1E6	58195018	48.916m	55.532
19)	B Endosulfa...	7.304	6.474	127.6E6	73360134	46.222	52.874
20)	A Methoxychlor	7.649	6.757	67721210	41852836	44.952	52.181
21)	B Endrin ke...	7.795	6.986	134.6E6	82008520	45.533	49.681
22)	Mirex	8.277	7.171	105.0E6	66271938	44.801	49.148m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032224\
Data File : PL088738.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Mar 2024 11:47
Operator : AR\AJ
Sample : PB159727BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

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Manual Integrations

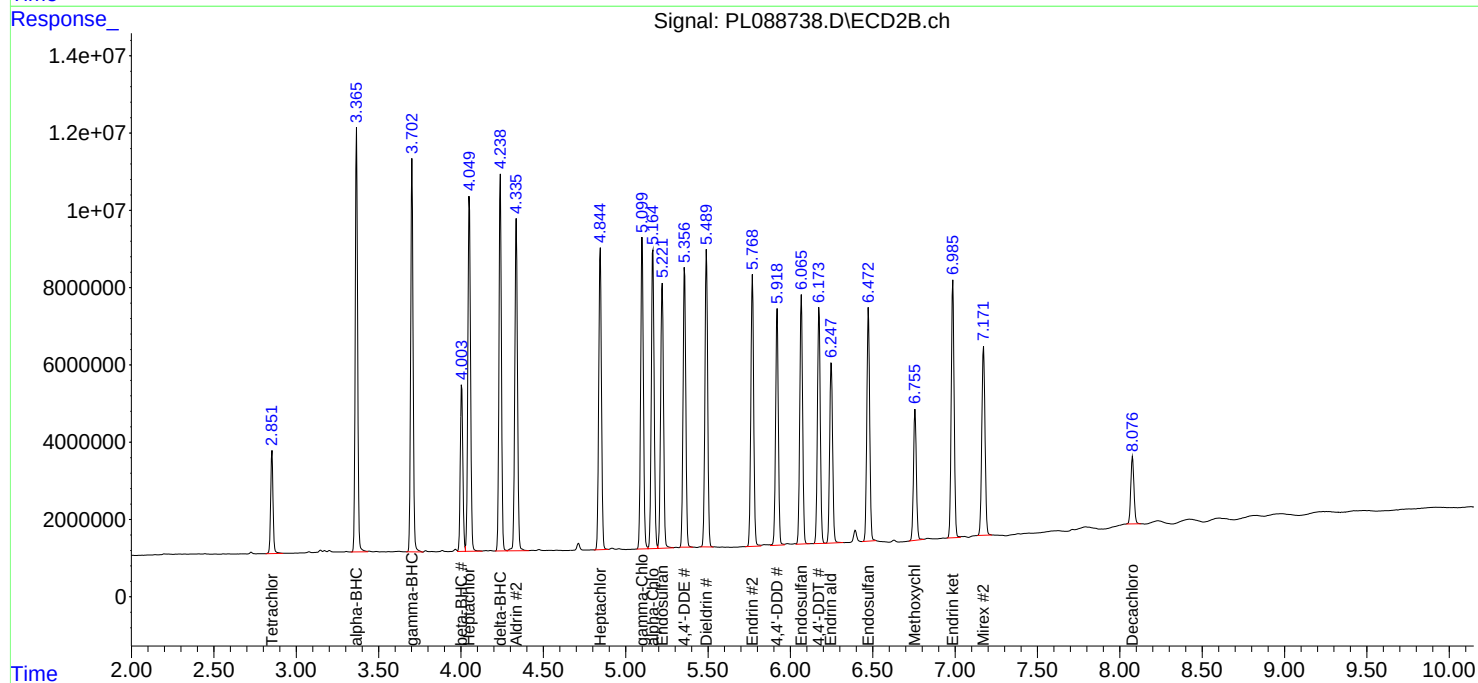
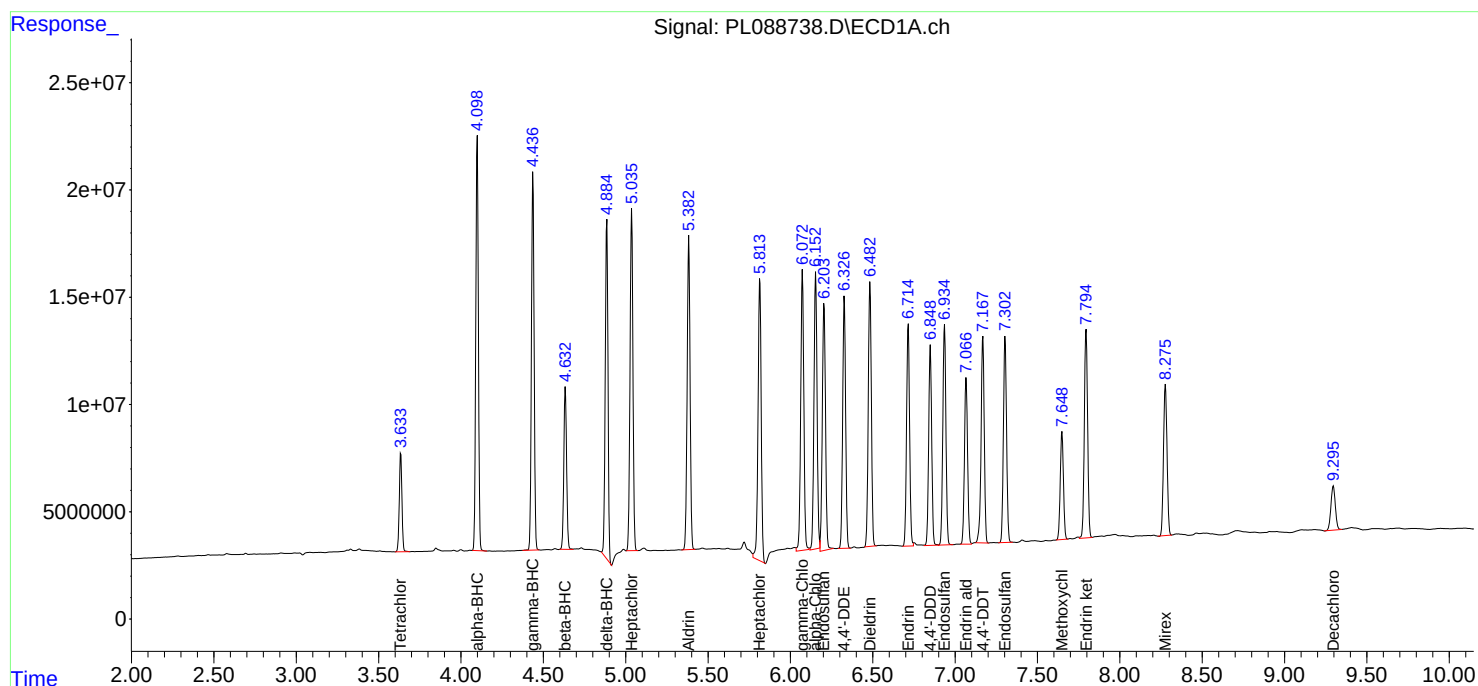
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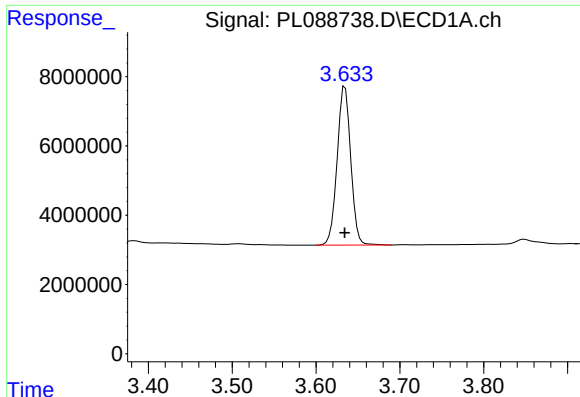
Reviewed By :Abdul Mirza 03/25/2024

Supervised By :Ankita Jodhani 03/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 22 22:50:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 2024
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





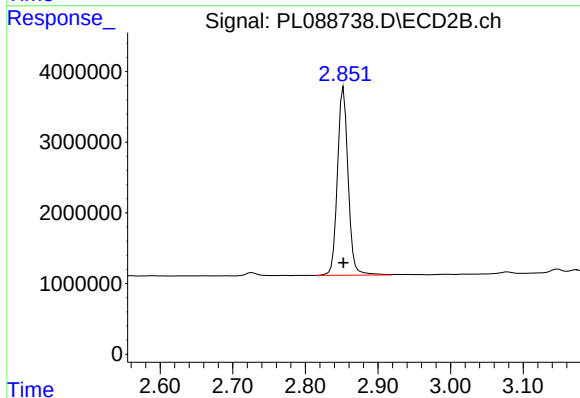
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 51672938
Conc: 19.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159727BS

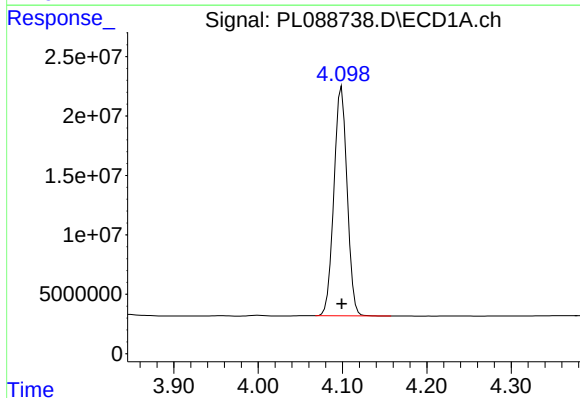
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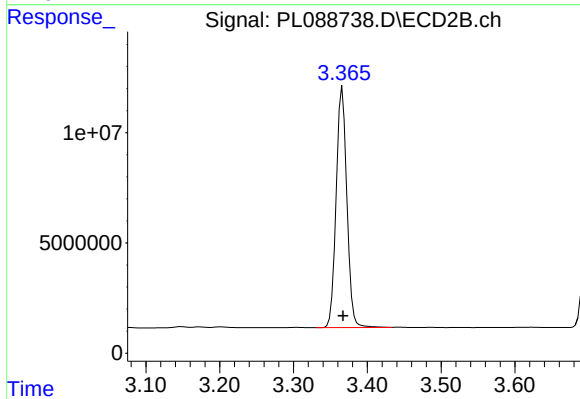
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: 0.000 min
Response: 27099111
Conc: 20.33 ng/ml



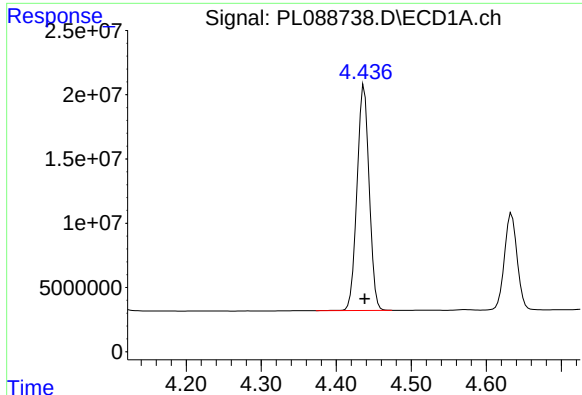
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 209678877
Conc: 52.53 ng/ml



#2 alpha-BHC

R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 110361805
Conc: 54.92 ng/ml



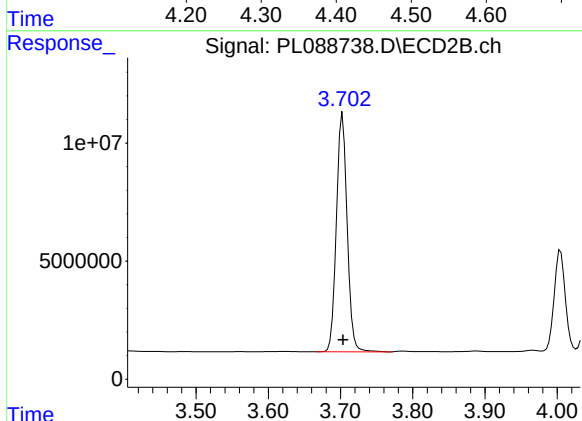
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 197565736
Conc: 50.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159727BS

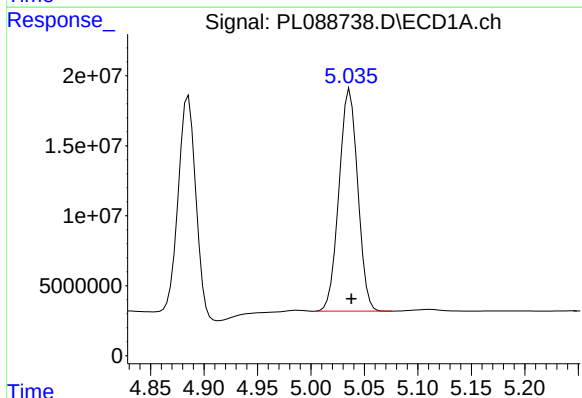
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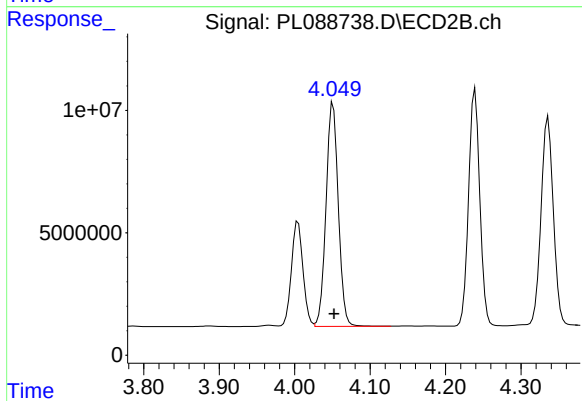
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 104700652
Conc: 54.56 ng/ml



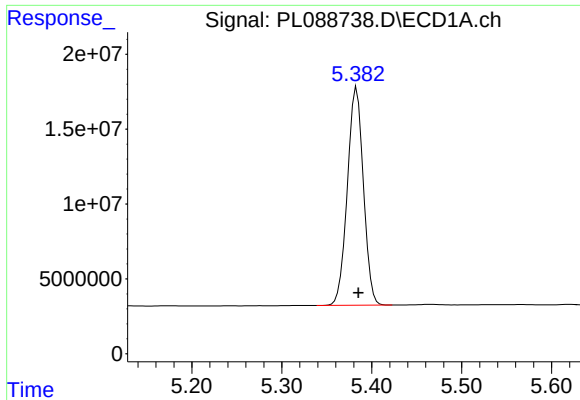
#4 Heptachlor

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 193822738
Conc: 51.04 ng/ml



#4 Heptachlor

R.T.: 4.051 min
Delta R.T.: -0.001 min
Response: 103251851
Conc: 57.37 ng/ml



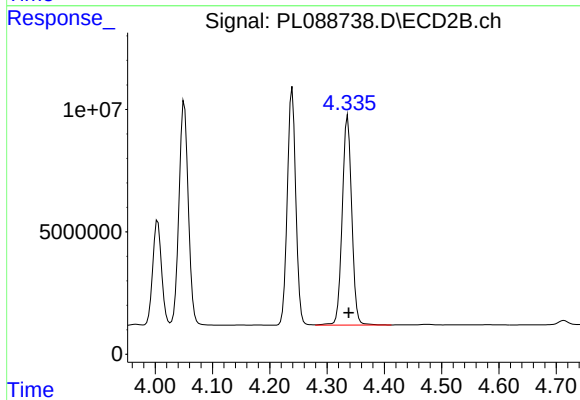
#5 Aldrin

R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 180248422
Conc: 49.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159727BS

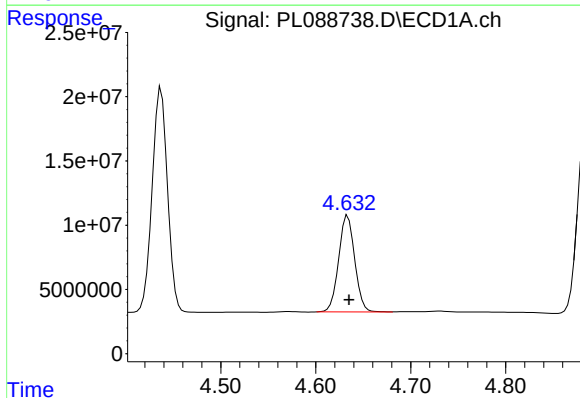
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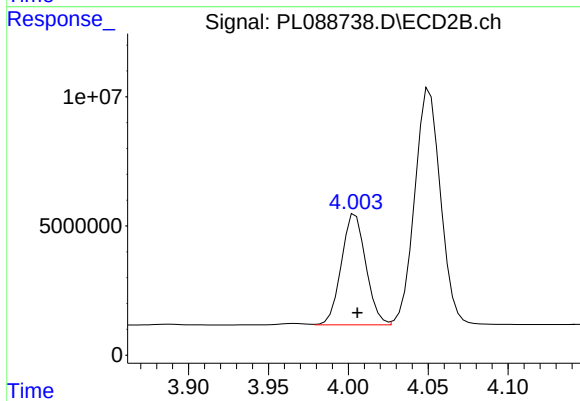
#5 Aldrin

R.T.: 4.336 min
Delta R.T.: -0.002 min
Response: 98513500
Conc: 54.52 ng/ml



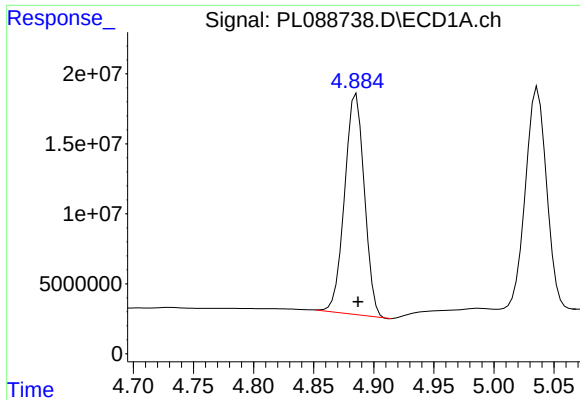
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: -0.001 min
Response: 88445854
Conc: 49.87 ng/ml



#6 beta-BHC

R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 45744938
Conc: 53.36 ng/ml



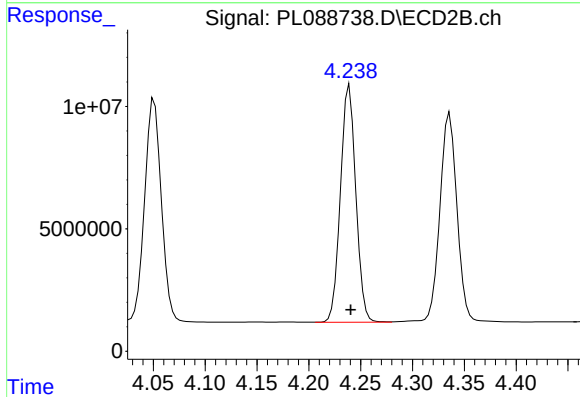
#7 delta-BHC

R.T.: 4.886 min
Delta R.T.: -0.001 min
Response: 180942383
Conc: 44.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159727BS

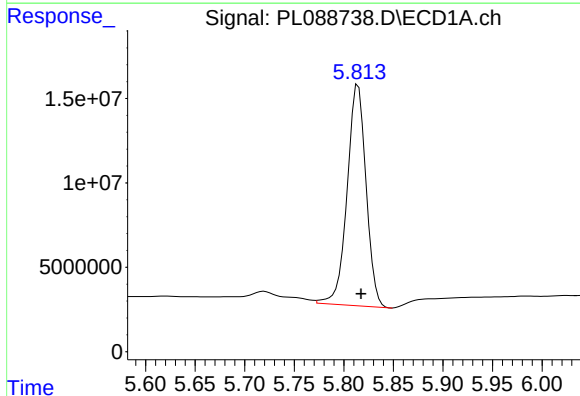
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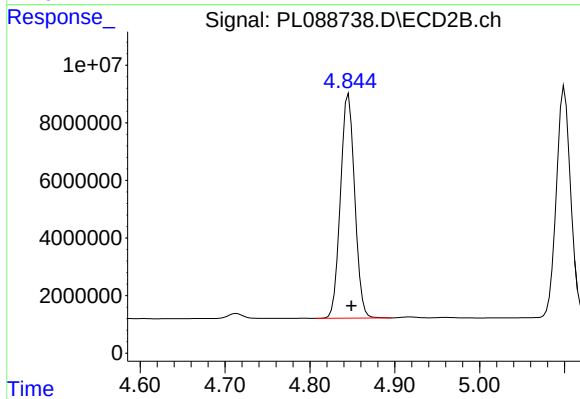
#7 delta-BHC

R.T.: 4.239 min
Delta R.T.: -0.001 min
Response: 100135595
Conc: 52.34 ng/ml



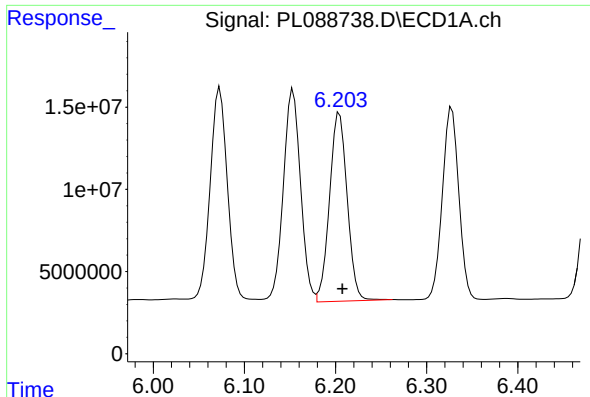
#8 Heptachlor epoxide

R.T.: 5.815 min
Delta R.T.: -0.003 min
Response: 174583759
Conc: 50.83 ng/ml



#8 Heptachlor epoxide

R.T.: 4.846 min
Delta R.T.: -0.003 min
Response: 90510931
Conc: 55.04 ng/ml



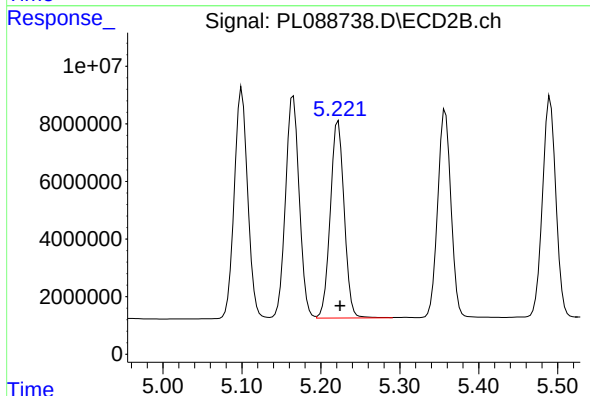
#9 Endosulfan I

R.T.: 6.204 min
Delta R.T.: -0.003 min
Response: 154234947
Conc: 50.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159727BS

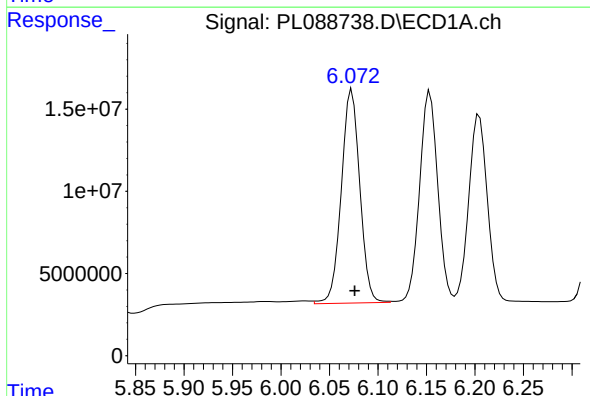
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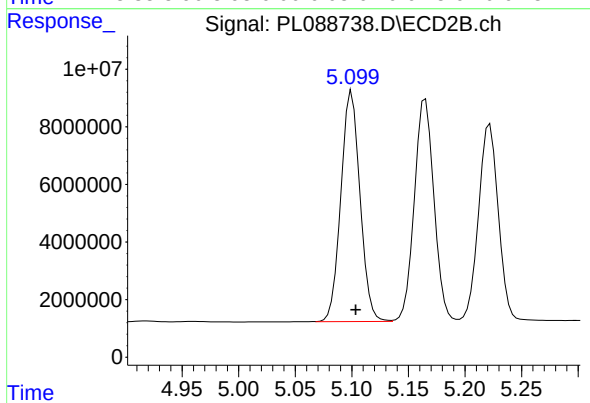
#9 Endosulfan I

R.T.: 5.222 min
Delta R.T.: -0.002 min
Response: 83714193
Conc: 55.69 ng/ml



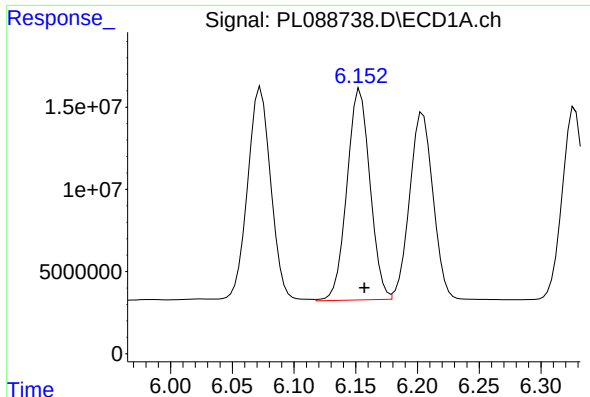
#10 gamma-Chlordane

R.T.: 6.072 min
Delta R.T.: -0.004 min
Response: 172121959
Conc: 51.68 ng/ml m



#10 gamma-Chlordane

R.T.: 5.099 min
Delta R.T.: -0.005 min
Response: 94326495
Conc: 56.95 ng/ml m



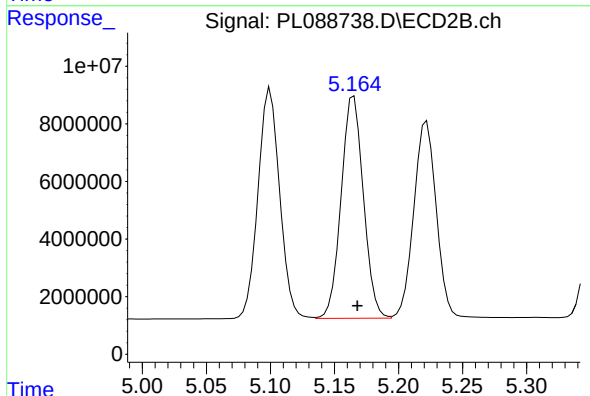
#11 alpha-Chlordane

R.T.: 6.152 min
Delta R.T.: -0.005 min
Response: 167500430
Conc: 50.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159727BS

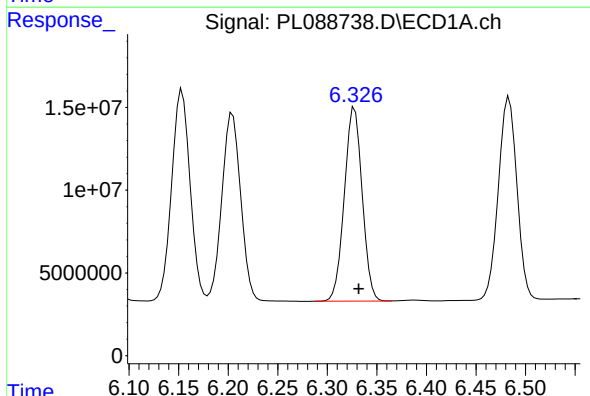
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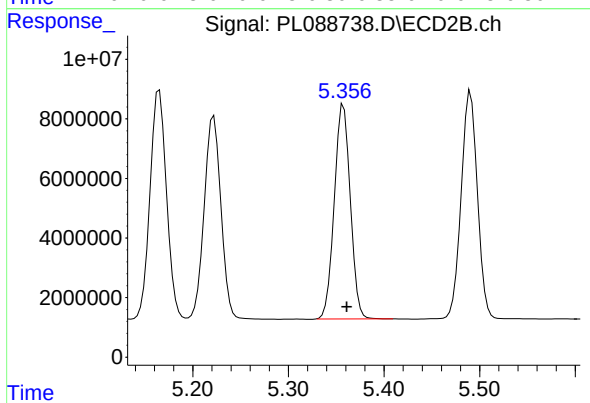
#11 alpha-Chlordane

R.T.: 5.165 min
Delta R.T.: -0.003 min
Response: 93283655
Conc: 56.20 ng/ml



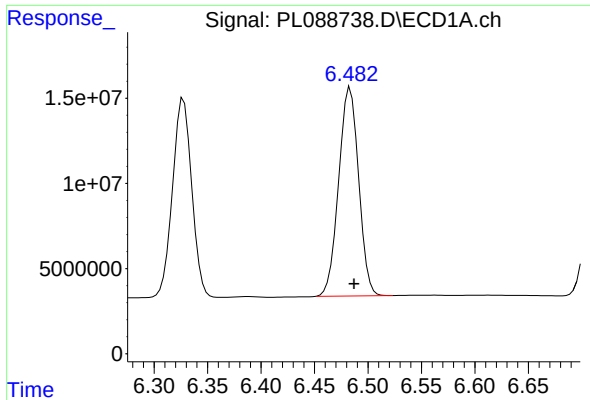
#12 4,4'-DDE

R.T.: 6.328 min
Delta R.T.: -0.004 min
Response: 146466122
Conc: 49.02 ng/ml



#12 4,4'-DDE

R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 83672323
Conc: 57.37 ng/ml



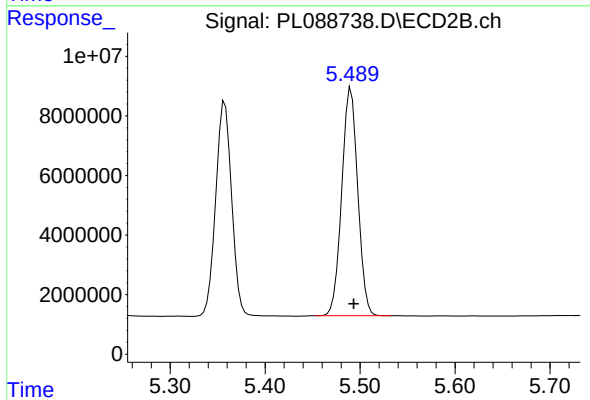
#13 Dieldrin

R.T.: 6.483 min
Delta R.T.: -0.004 min
Response: 159254247
Conc: 49.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159727BS

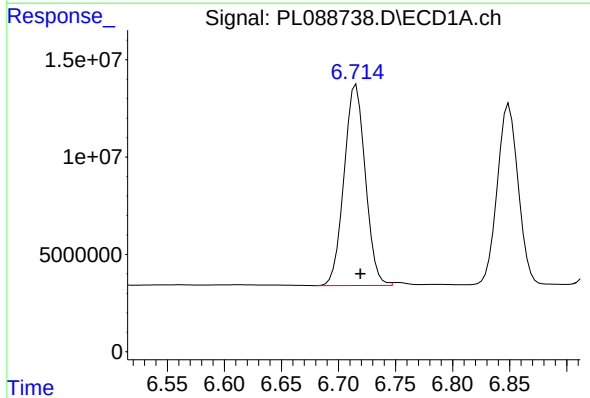
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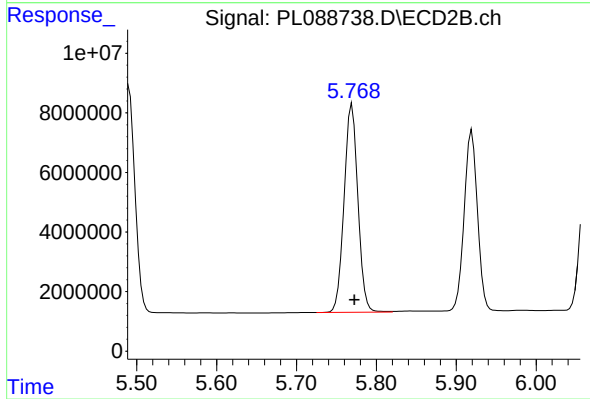
#13 Dieldrin

R.T.: 5.490 min
Delta R.T.: -0.003 min
Response: 89888765
Conc: 55.35 ng/ml



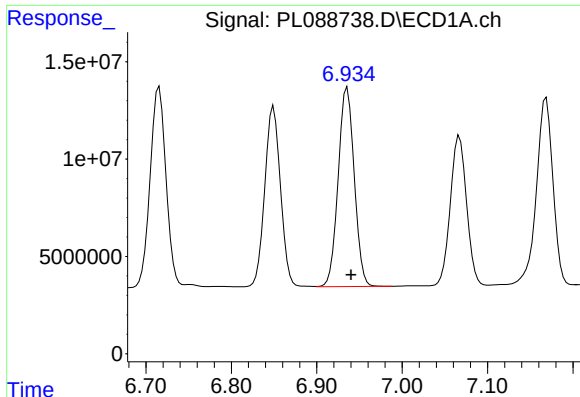
#14 Endrin

R.T.: 6.716 min
Delta R.T.: -0.004 min
Response: 133428273
Conc: 48.81 ng/ml



#14 Endrin

R.T.: 5.768 min
Delta R.T.: -0.005 min
Response: 84109527
Conc: 58.35 ng/ml m



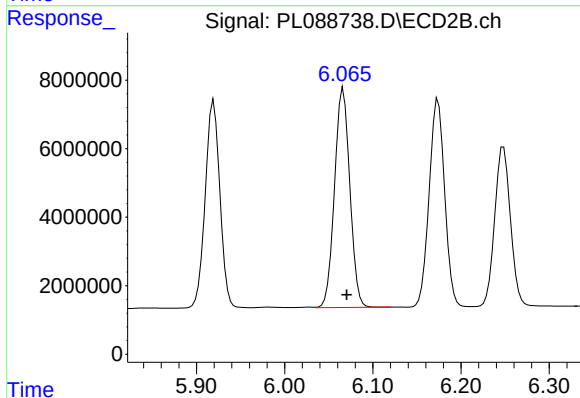
#15 Endosulfan II

R.T.: 6.936 min
Delta R.T.: -0.004 min
Response: 133838359
Conc: 46.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159727BS

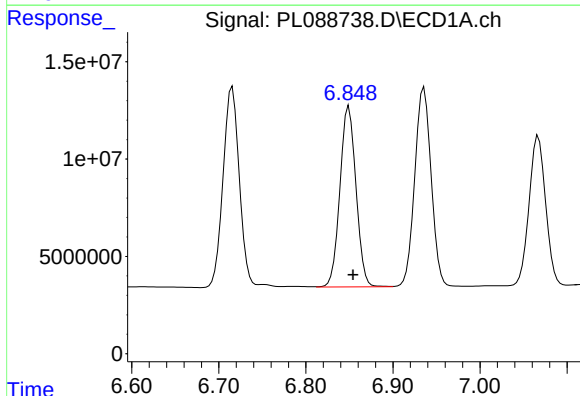
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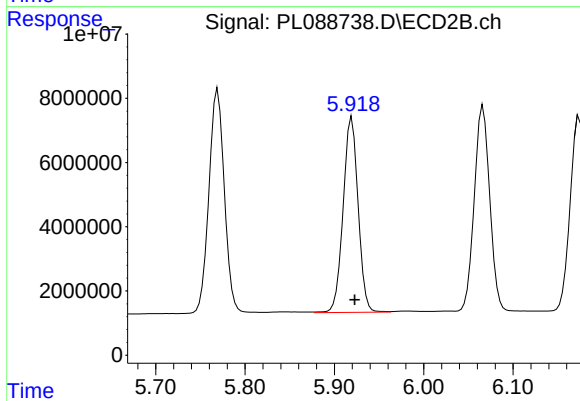
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.004 min
Response: 77311004
Conc: 53.77 ng/ml



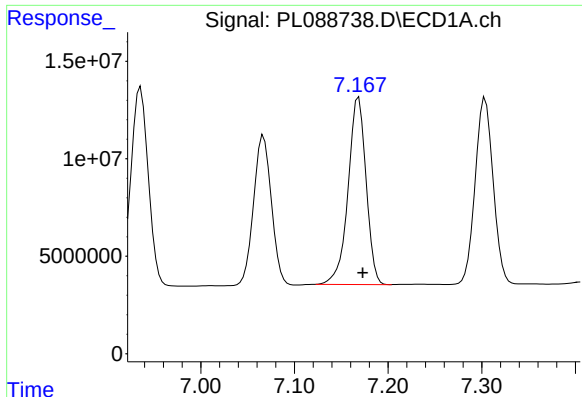
#16 4,4'-DDD

R.T.: 6.849 min
Delta R.T.: -0.005 min
Response: 118821703
Conc: 46.66 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 70689801
Conc: 56.76 ng/ml



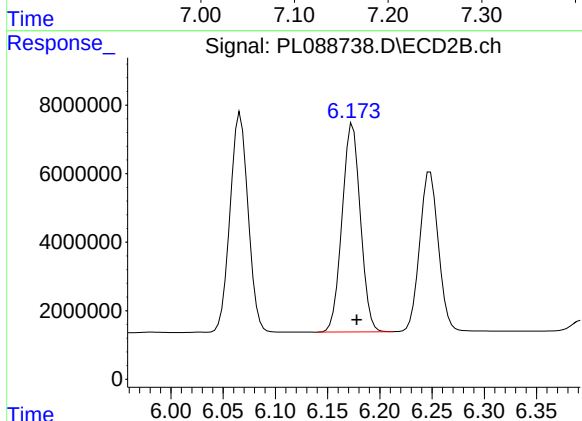
#17 4,4'-DDT

R.T.: 7.169 min
Delta R.T.: -0.004 min
Response: 128262454
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159727BS

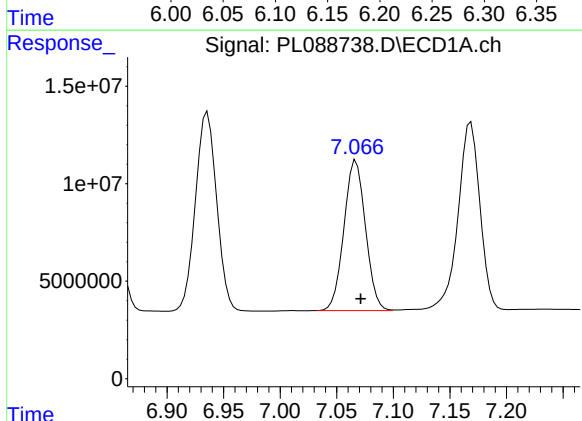
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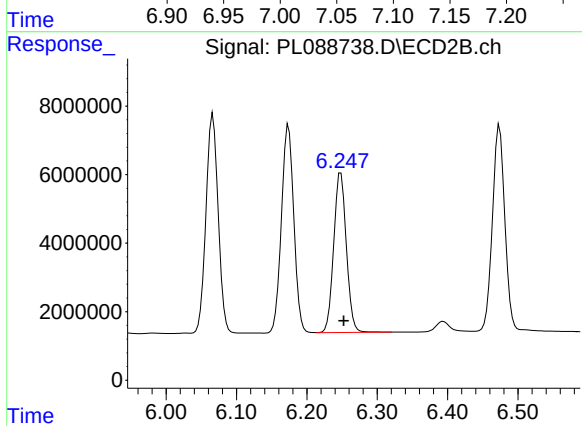
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.004 min
Response: 74241907
Conc: 55.31 ng/ml



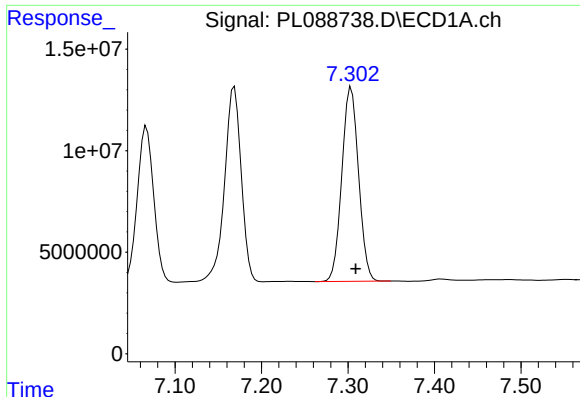
#18 Endrin aldehyde

R.T.: 7.066 min
Delta R.T.: -0.006 min
Response: 102128992
Conc: 48.92 ng/ml m



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.004 min
Response: 58195018
Conc: 55.53 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.304 min
Delta R.T.: -0.005 min
Response: 127631631
Conc: 46.22 ng/ml

Instrument :

ECD_L

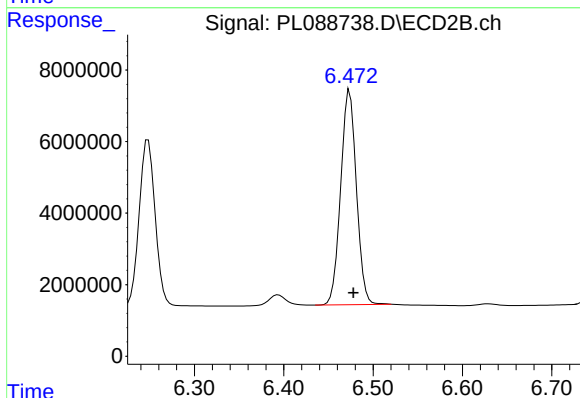
ClientSampleId :

PB159727BS

Manual Integrations

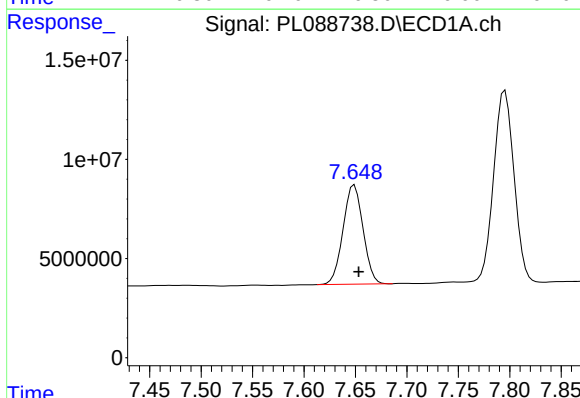
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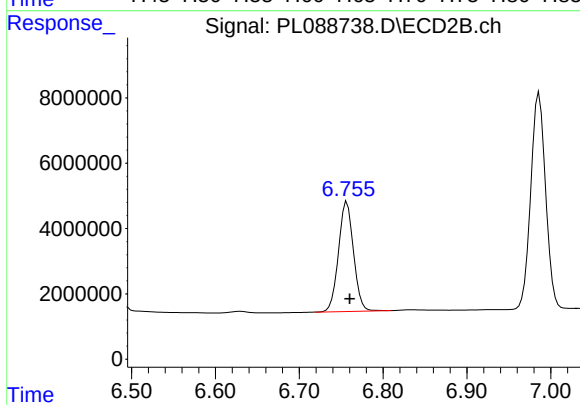
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: -0.004 min
Response: 73360134
Conc: 52.87 ng/ml



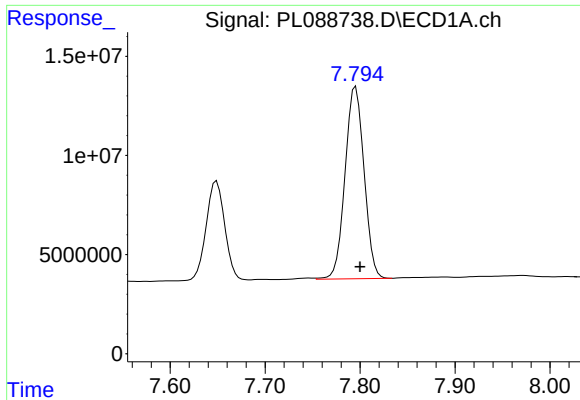
#20 Methoxychlor

R.T.: 7.649 min
Delta R.T.: -0.004 min
Response: 67721210
Conc: 44.95 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 41852836
Conc: 52.18 ng/ml



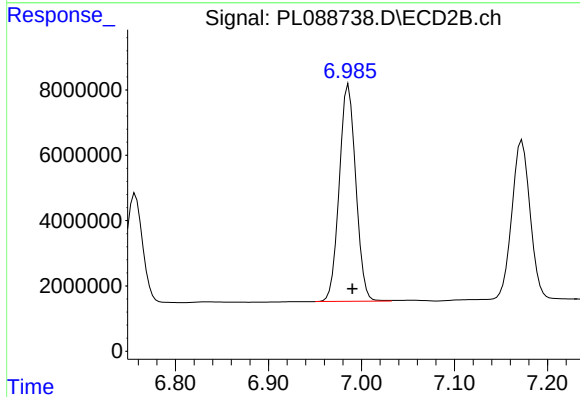
#21 Endrin ketone

R.T.: 7.795 min
Delta R.T.: -0.005 min
Response: 134612397
Conc: 45.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159727BS

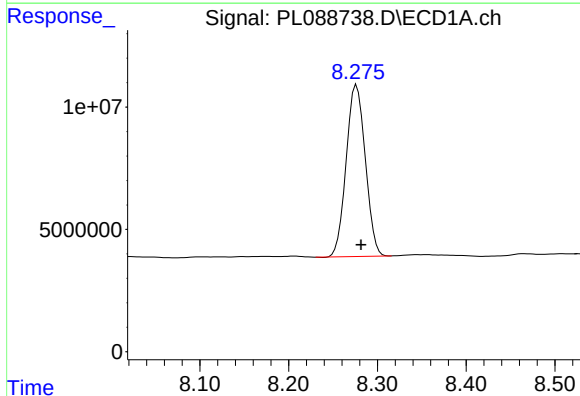
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/25/2024
Supervised By :Ankita Jodhani 03/25/2024



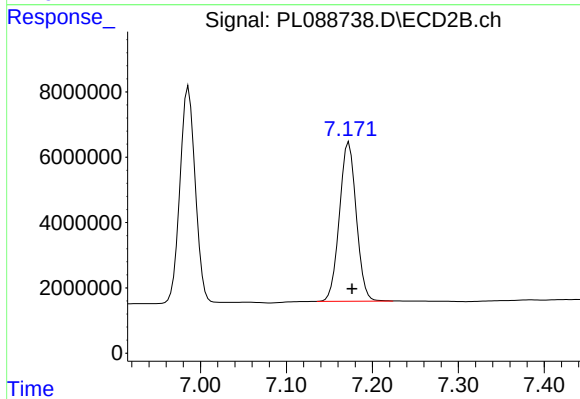
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: -0.004 min
Response: 82008520
Conc: 49.68 ng/ml



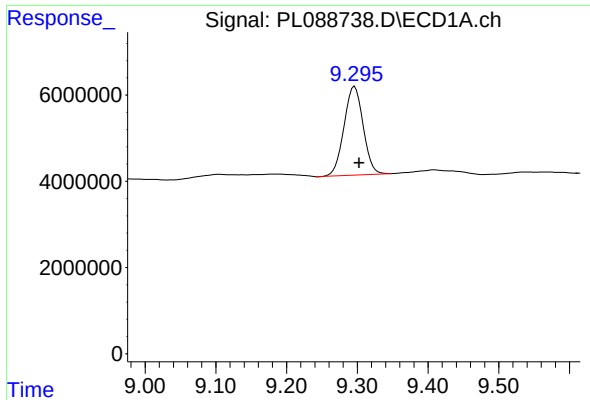
#22 Mirex

R.T.: 8.277 min
Delta R.T.: -0.005 min
Response: 105034927
Conc: 44.80 ng/ml



#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.005 min
Response: 66271938
Conc: 49.15 ng/ml m



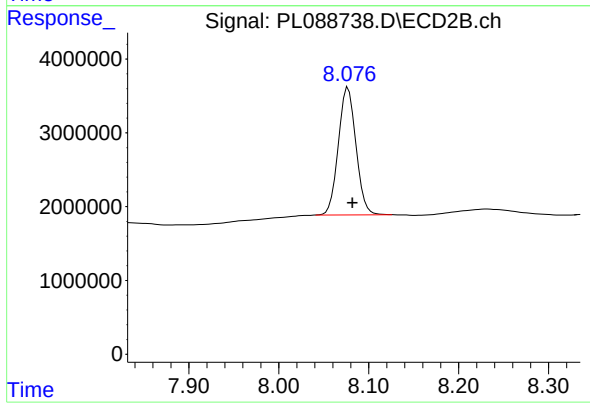
#28 Decachlorobiphenyl

R.T.: 9.296 min
Delta R.T.: -0.006 min
Response: 38590747
Conc: 15.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159727BS

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#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: -0.005 min
Response: 23539318
Conc: 17.36 ng/ml