

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032224\
 Data File : PL088751.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2024 14:46
 Operator : AR\AJ
 Sample : P1827-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11933MSD

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 22:57:27 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...	3.634	2.852	43335815	22409660	16.353	16.815
2)	SA Decachlor...	9.294	8.075	16992426	14324930	6.874m	10.565m#
Target Compounds							
2)	A alpha-BHC	4.099	3.366	204.5E6	106.6E6	51.243	53.073
3)	MA gamma-BHC...	4.437	3.703	205.3E6	102.9E6	52.934	53.609
4)	MA Heptachlor	5.036	4.051	192.3E6	101.5E6	50.650	56.393
5)	MB Aldrin	5.383	4.336	196.2E6	96141873	53.538	53.203
6)	B beta-BHC	4.634	4.004	87298205	46767816	49.225	54.556
7)	B delta-BHC	4.886	4.240	185.2E6	98901046	45.984	51.698
8)	B Heptachlo...	5.815	4.846	198.6E6	100.3E6	57.817	61.005
9)	A Endosulfan I	6.205	5.222	159.0E6	79867349	52.005	53.130
10)	B gamma-Chl...	6.073	5.101	215.9E6	134.1E6	64.822	80.958
11)	B alpha-Chl...	6.155	5.165	278.4E6	131.1E6	83.761	78.971
12)	B 4,4'-DDE	6.328	5.358	147.3E6	90006461	49.314	61.708 #
13)	MA Dieldrin	6.484	5.491	163.0E6	96588708	50.262	59.470
14)	MA Endrin	6.716	5.770	138.1E6	86426781	50.524	59.959
15)	B Endosulfa...	6.937	6.068	142.8E6	82603132	49.848	57.448
16)	A 4,4'-DDD	6.851	5.920	141.1E6	69155786	55.385	55.530
17)	MA 4,4'-DDT	7.168	6.175	140.5E6	79283055	52.693	59.070
18)	B Endrin al...	7.066	6.249	104.9E6	58152660	50.257m	55.492
19)	B Endosulfa...	7.304	6.475	133.7E6	75580011	48.414	54.474
20)	A Methoxychlor	7.649	6.757	69578047	42229482	46.185	52.651
21)	B Endrin ke...	7.796	6.987	145.4E6	83504993	49.189	50.587
22)	Mirex	8.276	7.173	111.5E6	69573717	47.551m	51.596

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032224\
Data File : PL088751.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Mar 2024 14:46
Operator : AR\AJ
Sample : P1827-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

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Manual Integrations

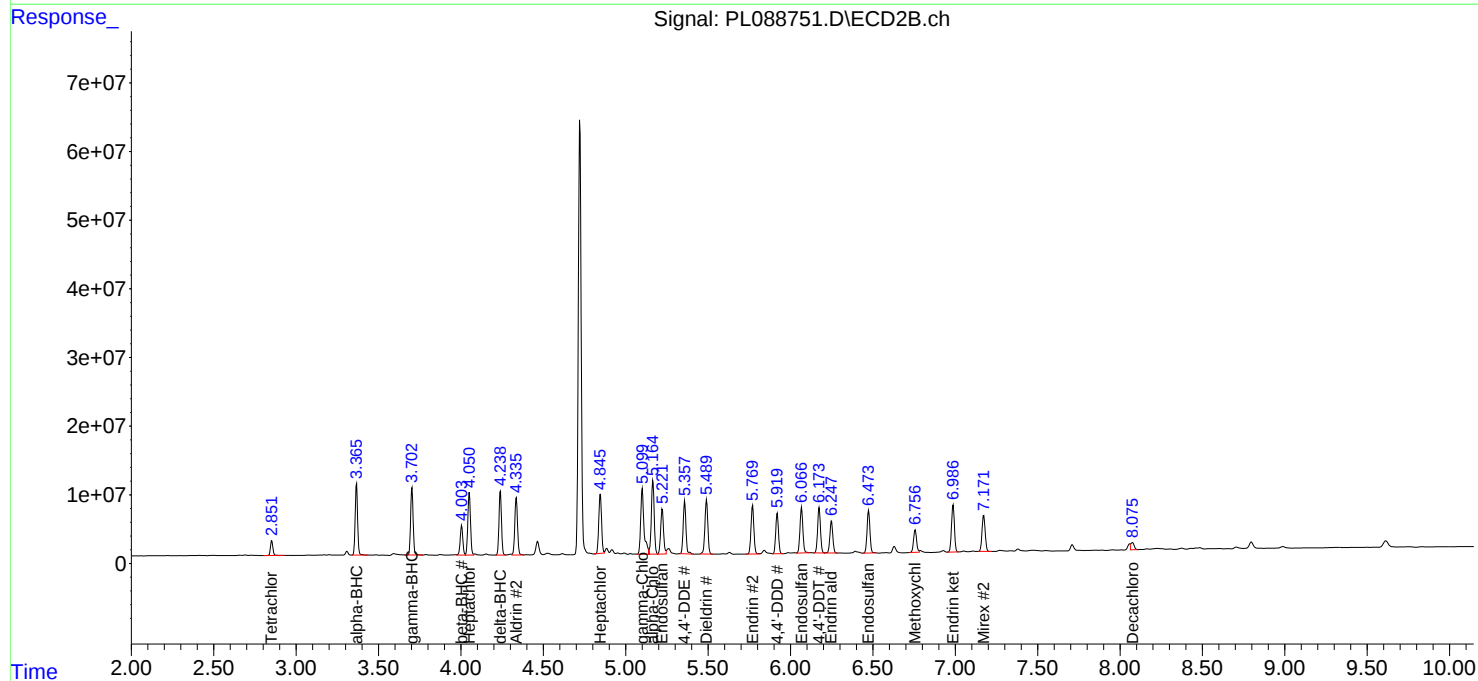
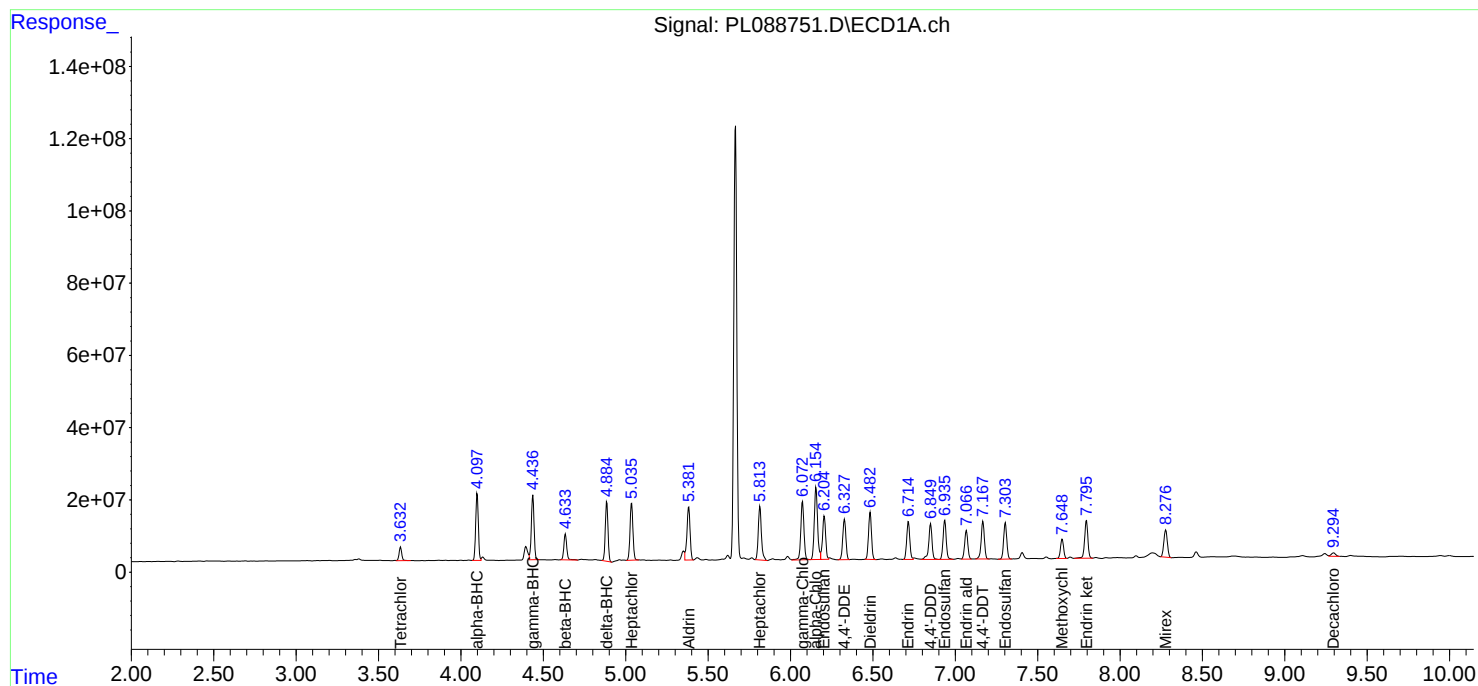
APPROVED

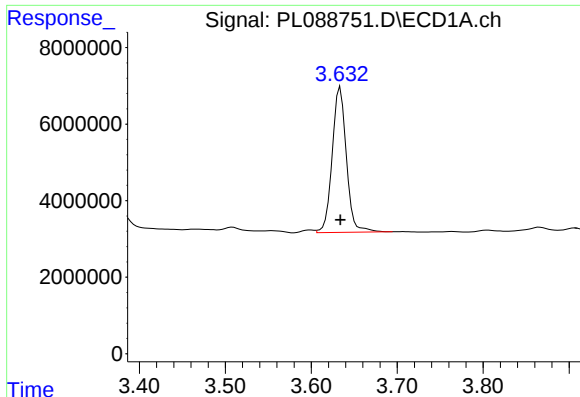
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Supervised By :Ankita Jodhani 03/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 22 22:57:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 2024
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Integrator: ChemStation

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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





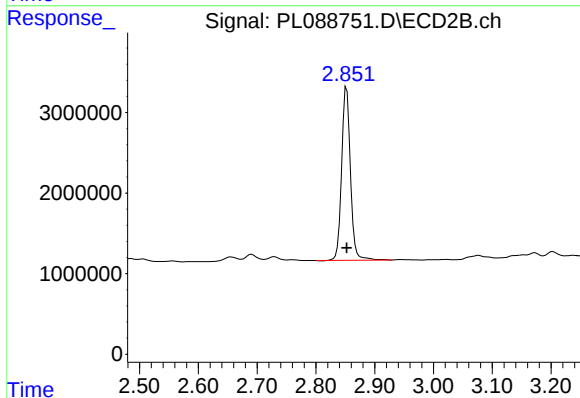
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 43335815
Conc: 16.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11933MSD

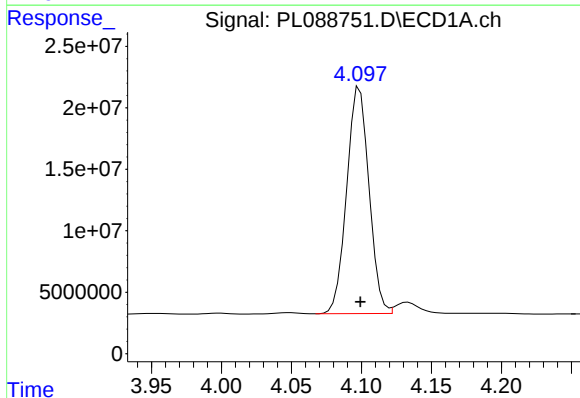
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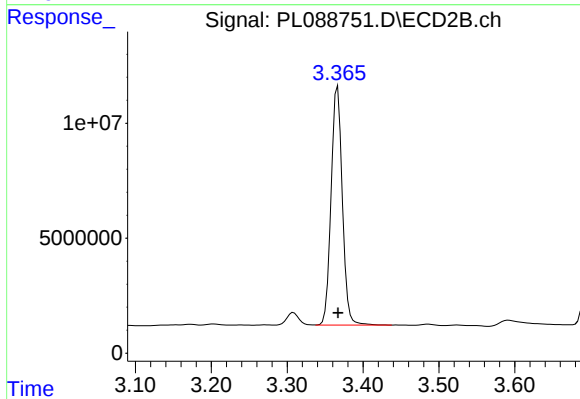
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 22409660
Conc: 16.81 ng/ml



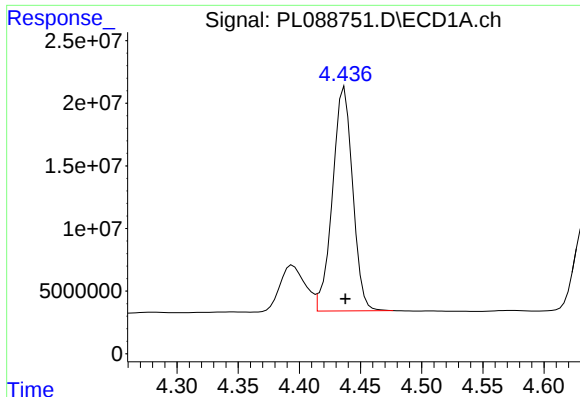
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 204544905
Conc: 51.24 ng/ml



#2 alpha-BHC

R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 106648781
Conc: 53.07 ng/ml



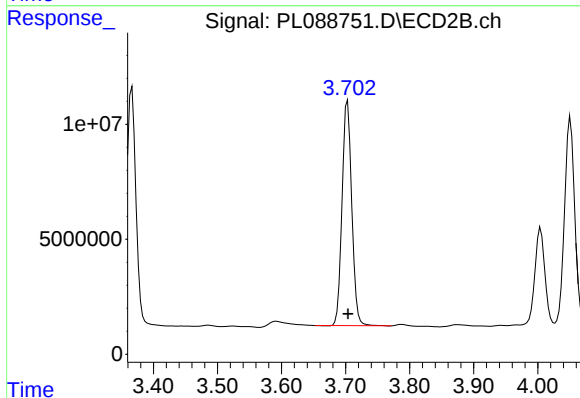
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 205288213
Conc: 52.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11933MSD

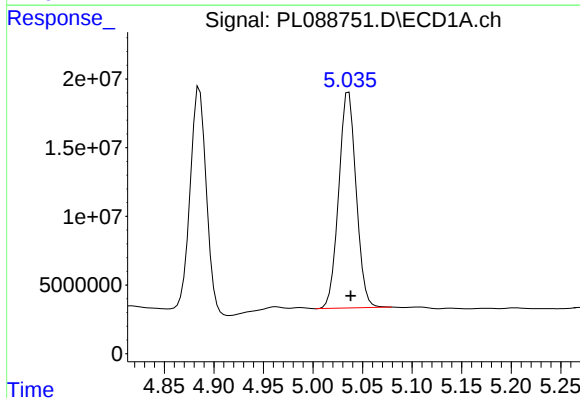
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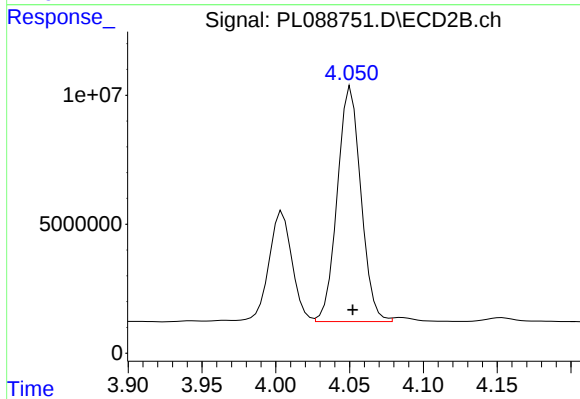
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 102881746
Conc: 53.61 ng/ml



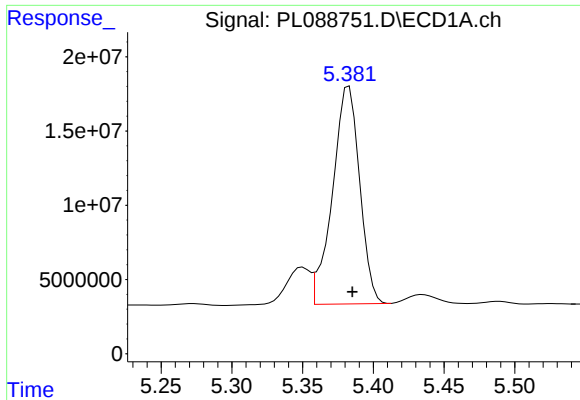
#4 Heptachlor

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 192340022
Conc: 50.65 ng/ml



#4 Heptachlor

R.T.: 4.051 min
Delta R.T.: -0.001 min
Response: 101491689
Conc: 56.39 ng/ml



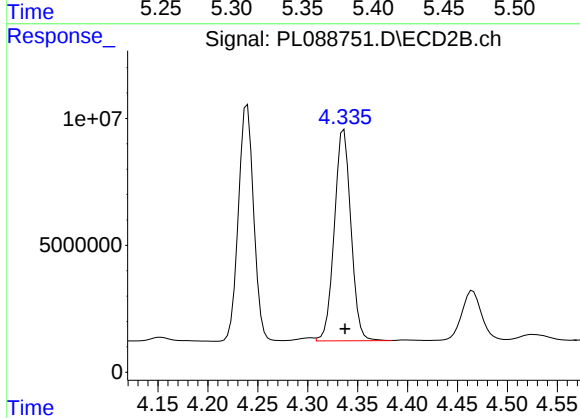
#5 Aldrin

R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 196188904
Conc: 53.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11933MSD

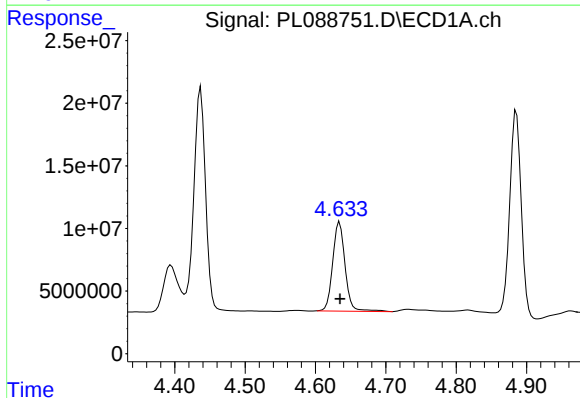
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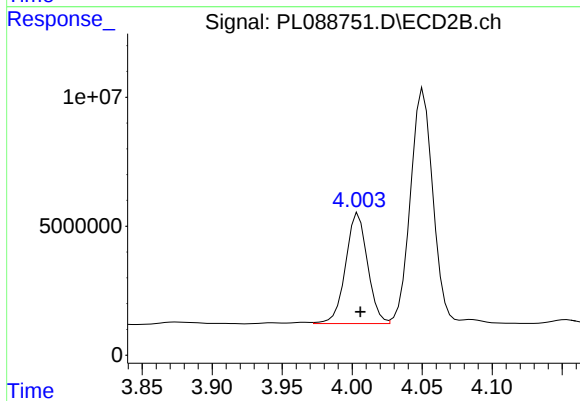
#5 Aldrin

R.T.: 4.336 min
Delta R.T.: -0.001 min
Response: 96141873
Conc: 53.20 ng/ml



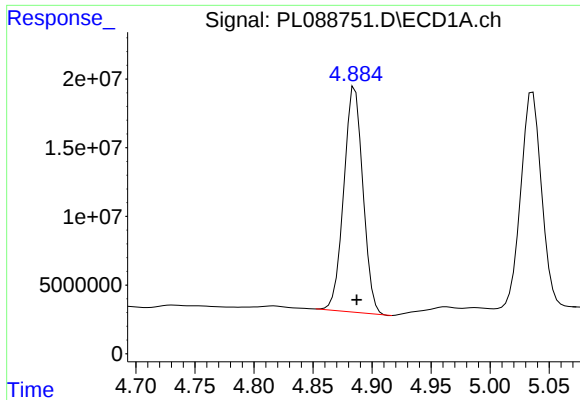
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 87298205
Conc: 49.23 ng/ml



#6 beta-BHC

R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 46767816
Conc: 54.56 ng/ml



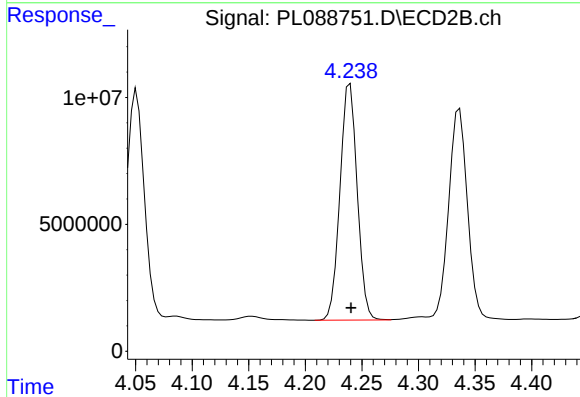
#7 delta-BHC

R.T.: 4.886 min
Delta R.T.: -0.001 min
Response: 185230759
Conc: 45.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11933MSD

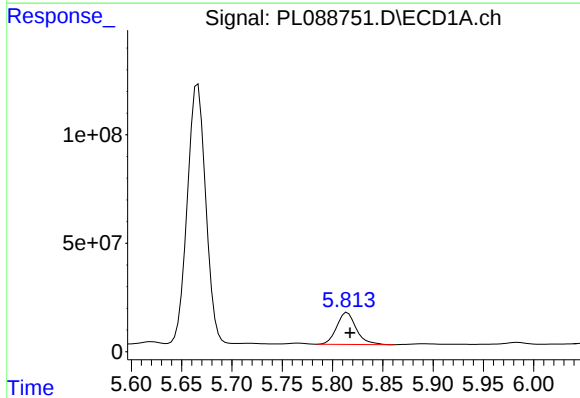
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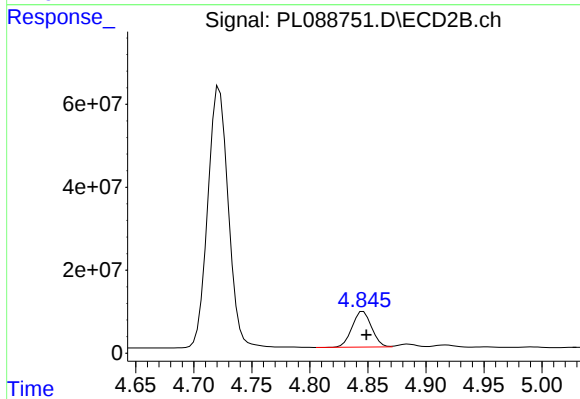
#7 delta-BHC

R.T.: 4.240 min
Delta R.T.: -0.001 min
Response: 98901046
Conc: 51.70 ng/ml



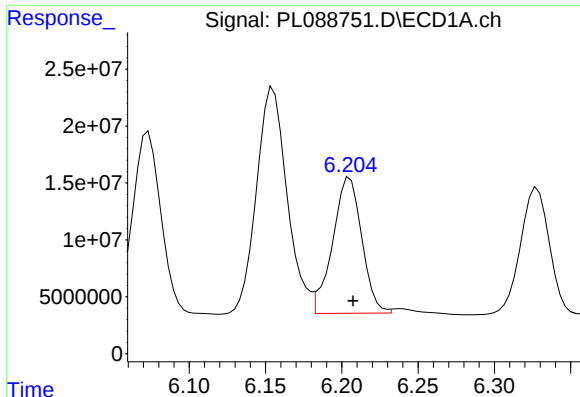
#8 Heptachlor epoxide

R.T.: 5.815 min
Delta R.T.: -0.003 min
Response: 198601625
Conc: 57.82 ng/ml



#8 Heptachlor epoxide

R.T.: 4.846 min
Delta R.T.: -0.003 min
Response: 100323008
Conc: 61.01 ng/ml



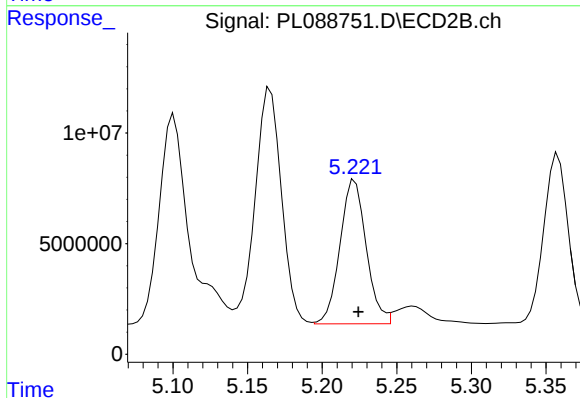
#9 Endosulfan I

R.T.: 6.205 min
Delta R.T.: -0.002 min
Response: 158950931
Conc: 52.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11933MSD

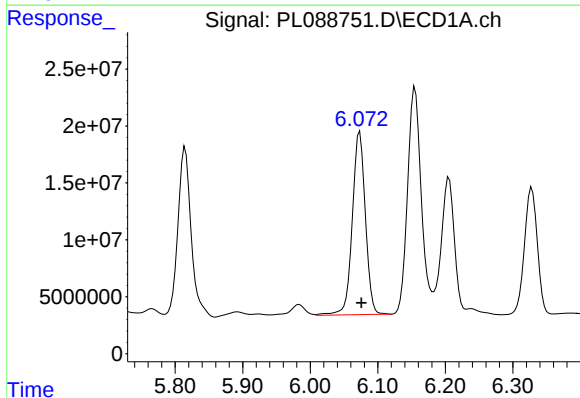
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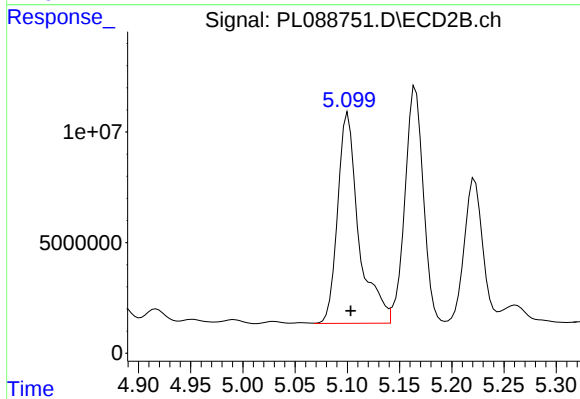
#9 Endosulfan I

R.T.: 5.222 min
Delta R.T.: -0.002 min
Response: 79867349
Conc: 53.13 ng/ml



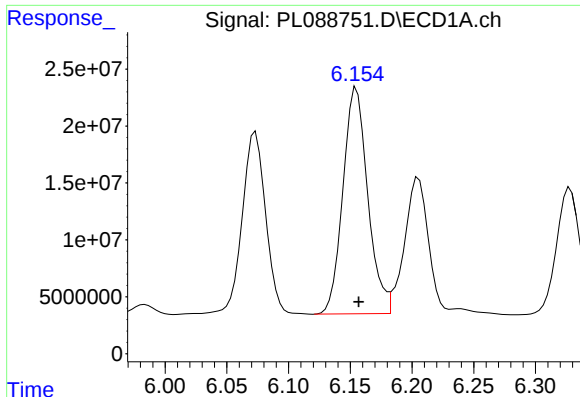
#10 gamma-Chlordane

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 215910811
Conc: 64.82 ng/ml



#10 gamma-Chlordane

R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 134091941
Conc: 80.96 ng/ml



#11 alpha-Chlordane

R.T.: 6.155 min
Delta R.T.: -0.002 min
Response: 278424987
Conc: 83.76 ng/ml

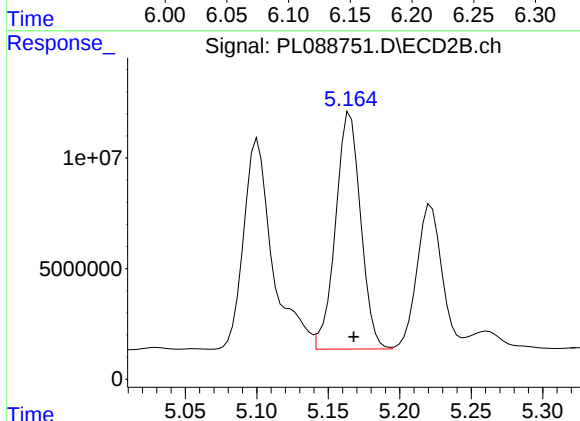
Instrument :

ECD_L

ClientSampleId :
72-11933MSD

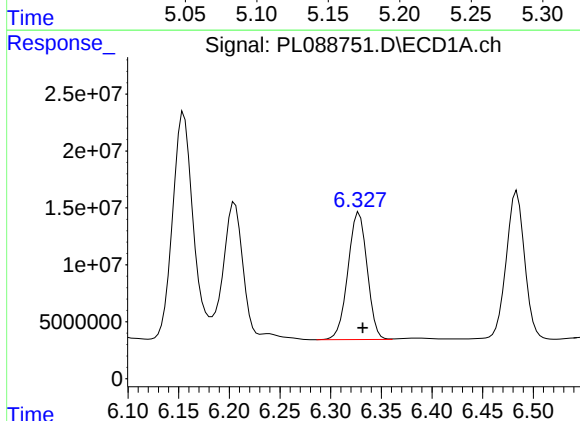
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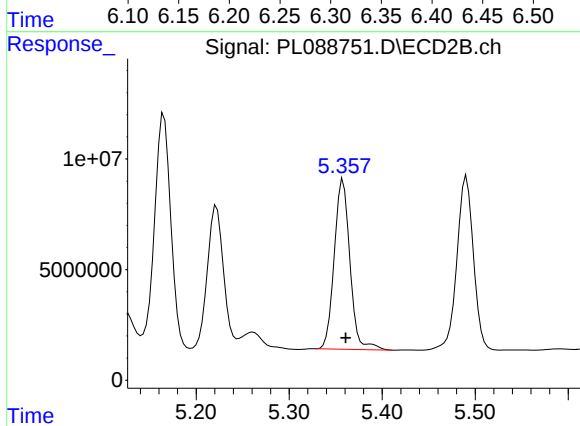
#11 alpha-Chlordane

R.T.: 5.165 min
Delta R.T.: -0.003 min
Response: 131086404
Conc: 78.97 ng/ml



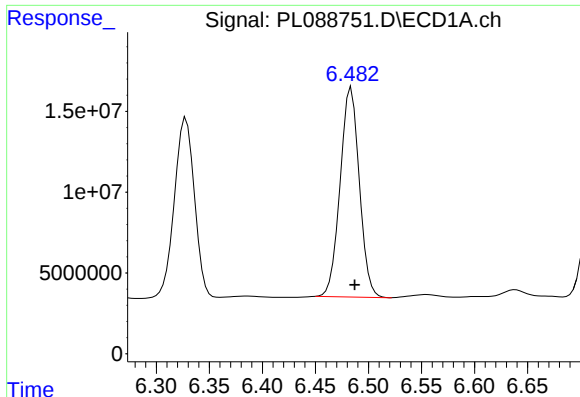
#12 4,4'-DDE

R.T.: 6.328 min
Delta R.T.: -0.004 min
Response: 147334862
Conc: 49.31 ng/ml



#12 4,4'-DDE

R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 90006461
Conc: 61.71 ng/ml



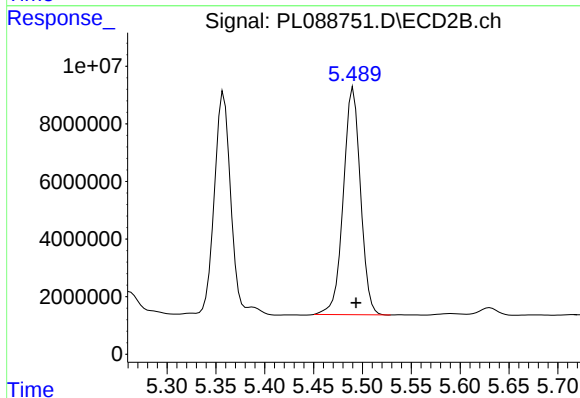
#13 Dieldrin

R.T.: 6.484 min
Delta R.T.: -0.003 min
Response: 162983200
Conc: 50.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
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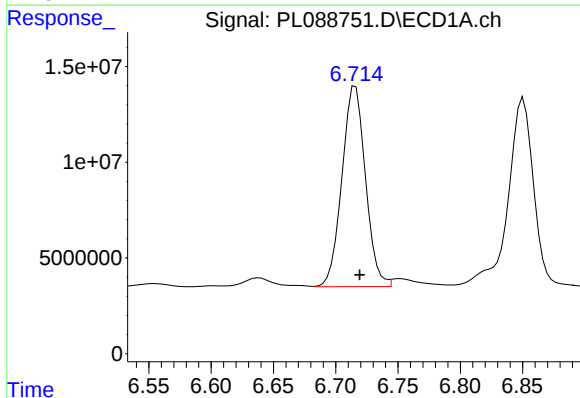
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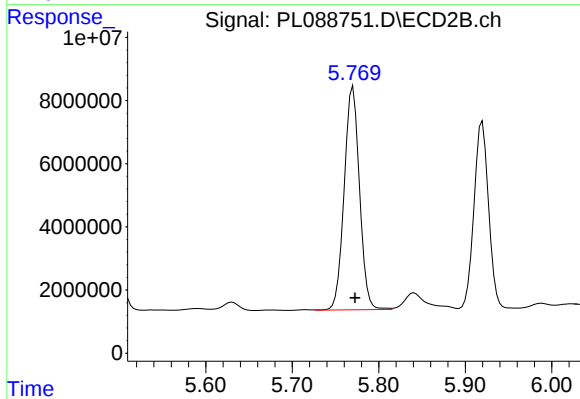
#13 Dieldrin

R.T.: 5.491 min
Delta R.T.: -0.003 min
Response: 96588708
Conc: 59.47 ng/ml



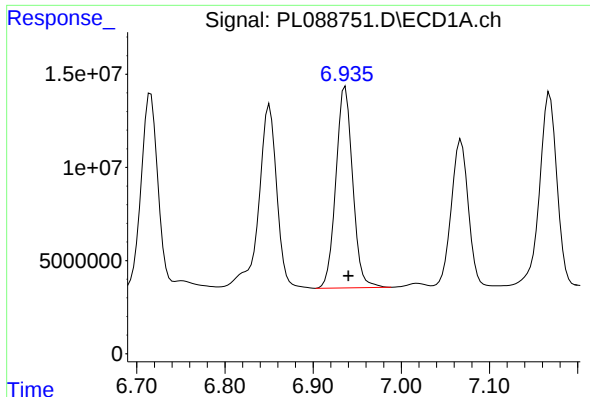
#14 Endrin

R.T.: 6.716 min
Delta R.T.: -0.003 min
Response: 138119573
Conc: 50.52 ng/ml



#14 Endrin

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 86426781
Conc: 59.96 ng/ml



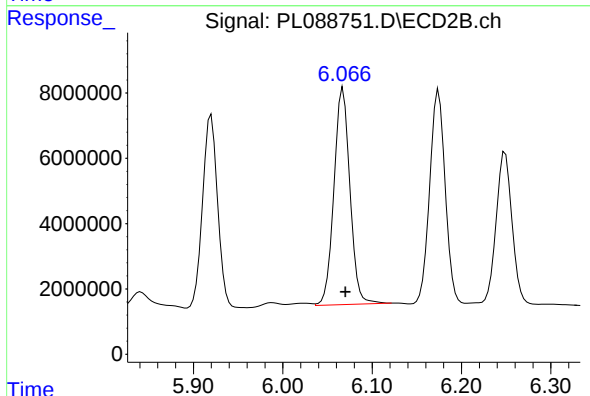
#15 Endosulfan II

R.T.: 6.937 min
Delta R.T.: -0.004 min
Response: 142774346
Conc: 49.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11933MSD

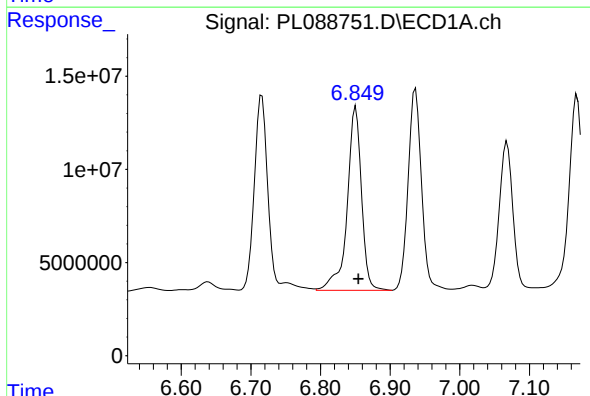
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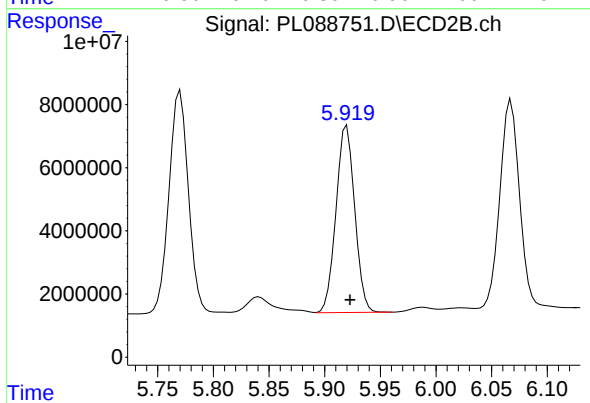
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.003 min
Response: 82603132
Conc: 57.45 ng/ml



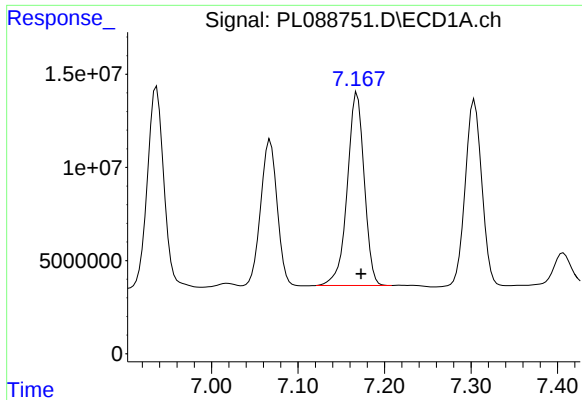
#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: -0.004 min
Response: 141051415
Conc: 55.38 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 69155786
Conc: 55.53 ng/ml



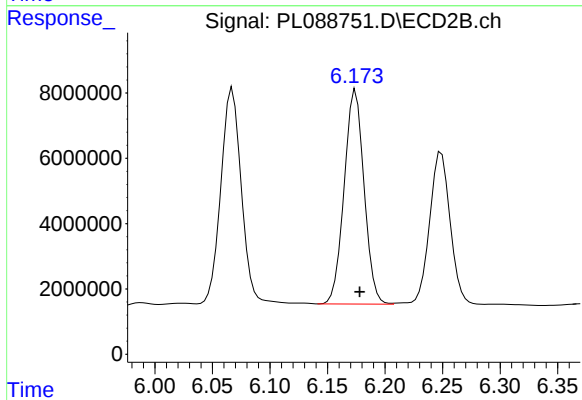
#17 4,4'-DDT

R.T.: 7.168 min
Delta R.T.: -0.005 min
Response: 140451843
Conc: 52.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11933MSD

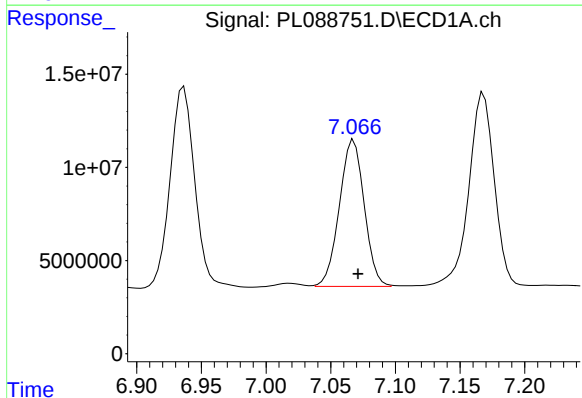
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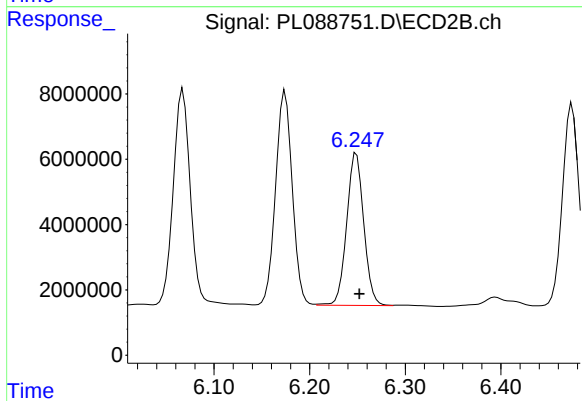
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.003 min
Response: 79283055
Conc: 59.07 ng/ml



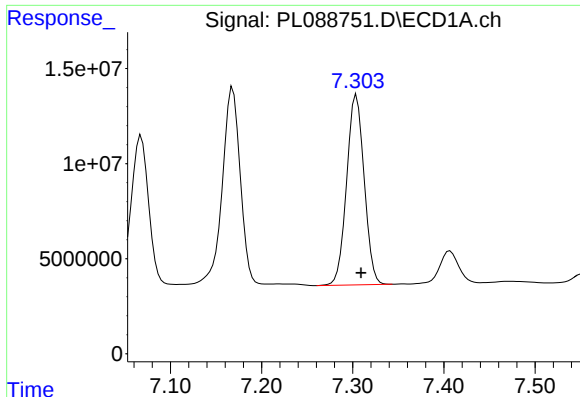
#18 Endrin aldehyde

R.T.: 7.066 min
Delta R.T.: -0.005 min
Response: 104928078
Conc: 50.26 ng/ml m



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 58152660
Conc: 55.49 ng/ml



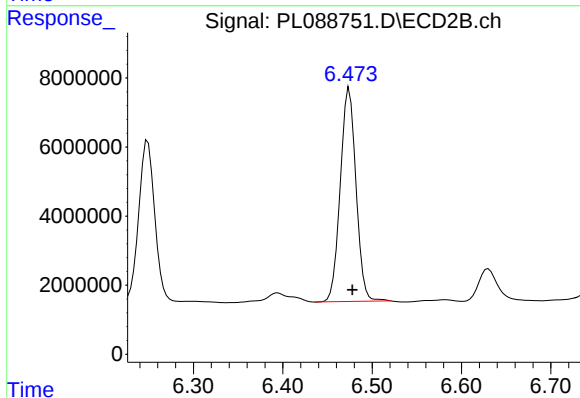
#19 Endosulfan Sulfate

R.T.: 7.304 min
Delta R.T.: -0.005 min
Response: 133686830
Conc: 48.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
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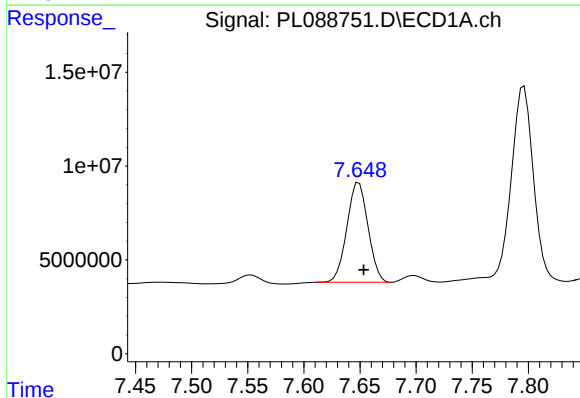
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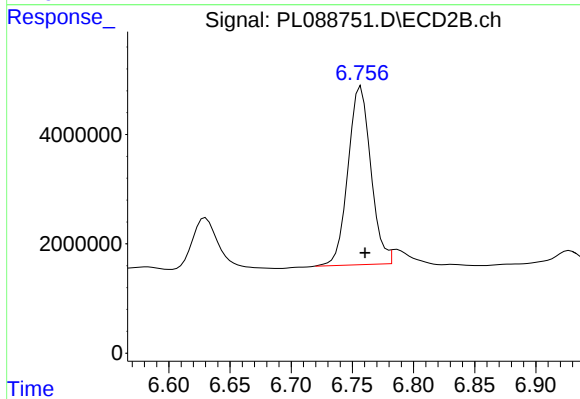
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 75580011
Conc: 54.47 ng/ml



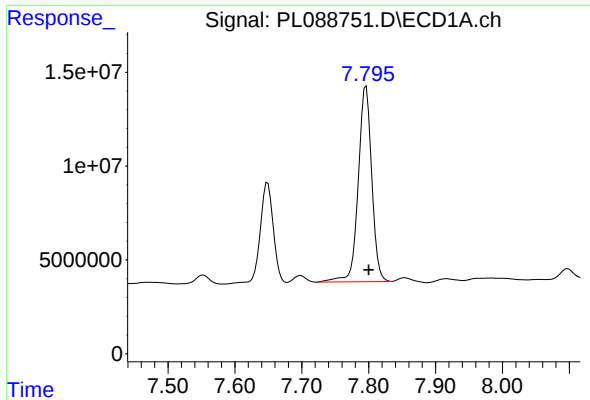
#20 Methoxychlor

R.T.: 7.649 min
Delta R.T.: -0.004 min
Response: 69578047
Conc: 46.18 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 42229482
Conc: 52.65 ng/ml



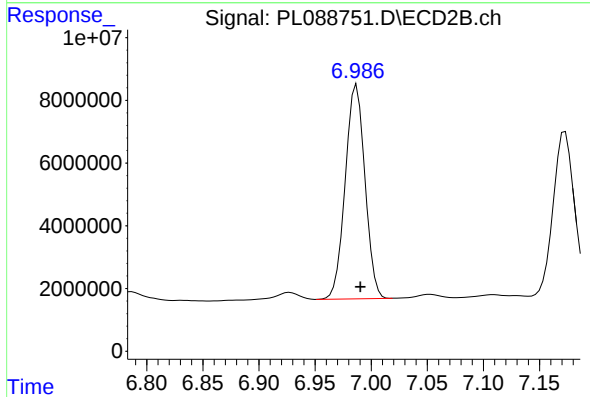
#21 Endrin ketone

R.T.: 7.796 min
Delta R.T.: -0.004 min
Response: 145423031
Conc: 49.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11933MSD

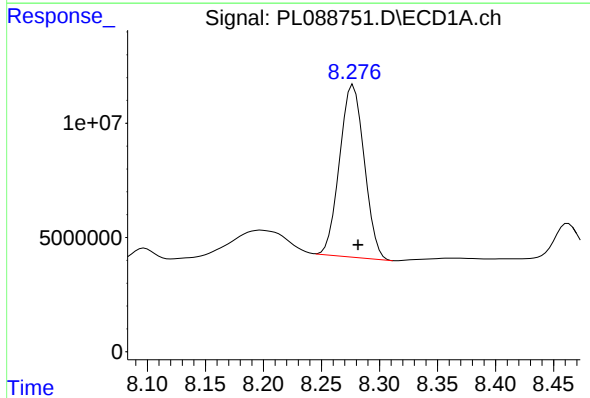
Manual Integrations
APPROVED

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



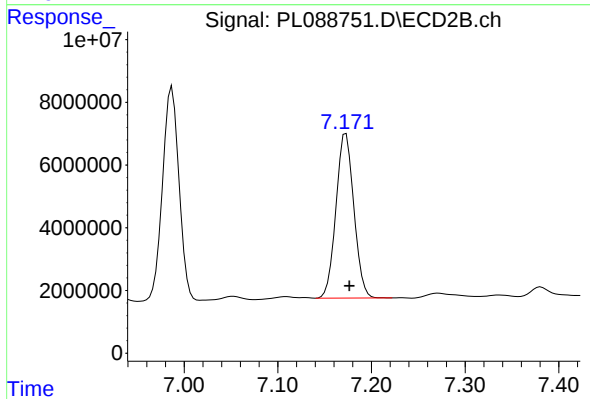
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: -0.003 min
Response: 83504993
Conc: 50.59 ng/ml



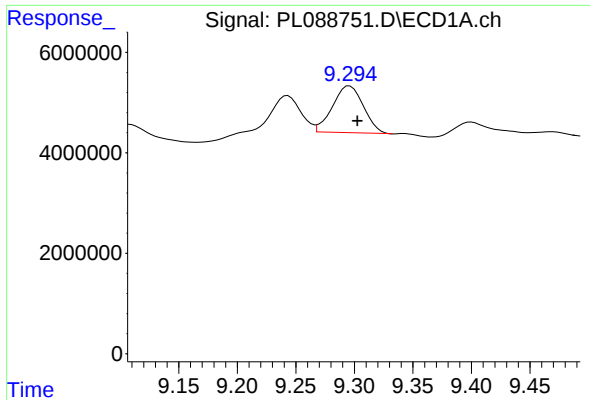
#22 Mirex

R.T.: 8.276 min
Delta R.T.: -0.006 min
Response: 111483441
Conc: 47.55 ng/ml m



#22 Mirex

R.T.: 7.173 min
Delta R.T.: -0.004 min
Response: 69573717
Conc: 51.60 ng/ml



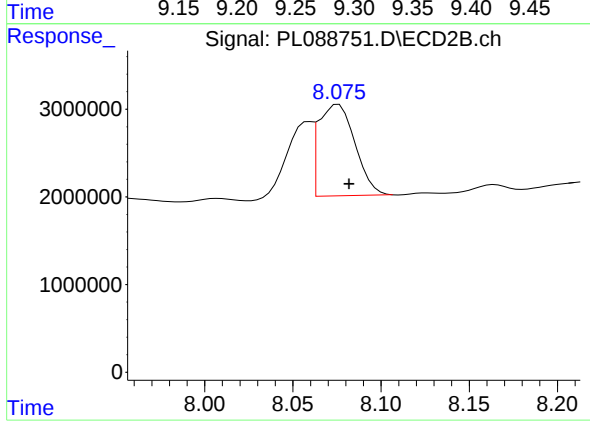
#28 Decachlorobiphenyl

R.T.: 9.294 min
Delta R.T.: -0.008 min
Response: 16992426
Conc: 6.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11933MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.007 min
Response: 14324930
Conc: 10.56 ng/ml m