

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031524\
 Data File : PL088616.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2024 18:35
 Operator : AR\AJ
 Sample : PB159588BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB159588BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/15/2024
 Supervised By :Ankita Jodhani 03/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 20:25:27 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	2.851	56045930	27520016	21.150	20.649
28)	SA Decachlor...	9.301	8.080	48249726	27444406	19.519	20.240
Target Compounds							
2)	A alpha-BHC	4.098	3.366	202.6E6	97488832	50.756	48.515
3)	MA gamma-BHC...	4.437	3.703	192.5E6	91999643	49.645	47.938
4)	MA Heptachlor	5.037	4.051	192.1E6	89428077	50.575	49.690
5)	MB Aldrin	5.384	4.337	179.6E6	86171190	49.017	47.686
6)	B beta-BHC	4.634	4.005	87069947	40824009	49.097	47.622
7)	B delta-BHC	4.886	4.240	187.3E6	87033858	46.493	45.494
8)	B Heptachlo...	5.816	4.847	171.8E6	79531357	50.008	48.362
9)	A Endosulfan I	6.207	5.224	153.6E6	73661662	50.265	49.002
10)	B gamma-Chl...	6.075	5.102	175.0E6	82337868	52.545	49.711
11)	B alpha-Chl...	6.156	5.167	170.5E6	81958104	51.279	49.374
12)	B 4,4'-DDE	6.330	5.360	150.9E6	72951242	50.506	50.015
13)	MA Dieldrin	6.486	5.493	164.1E6	79928313	50.616	49.212
14)	MA Endrin	6.717	5.771	137.3E6	72734024	50.227m	50.460
15)	B Endosulfa...	6.939	6.069	142.6E6	70529382	49.799	49.051
16)	A 4,4'-DDD	6.852	5.922	127.9E6	61730764	50.210	49.568
17)	MA 4,4'-DDT	7.171	6.177	135.6E6	65258376	50.890	48.621
18)	B Endrin al...	7.068	6.251	107.8E6	54083996	51.635m	51.609
19)	B Endosulfa...	7.307	6.477	137.3E6	67724312	49.706	48.812
20)	A Methoxychlor	7.652	6.760	72576392	37506024	48.175	46.762
21)	B Endrin ke...	7.798	6.990	148.0E6	80168868	50.058	48.566
22)	Mirex	8.280	7.175	115.8E6	64790491	49.382	48.049

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031524\
Data File : PL088616.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Mar 2024 18:35
Operator : AR\AJ
Sample : PB159588BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB159588BS

Manual Integrations

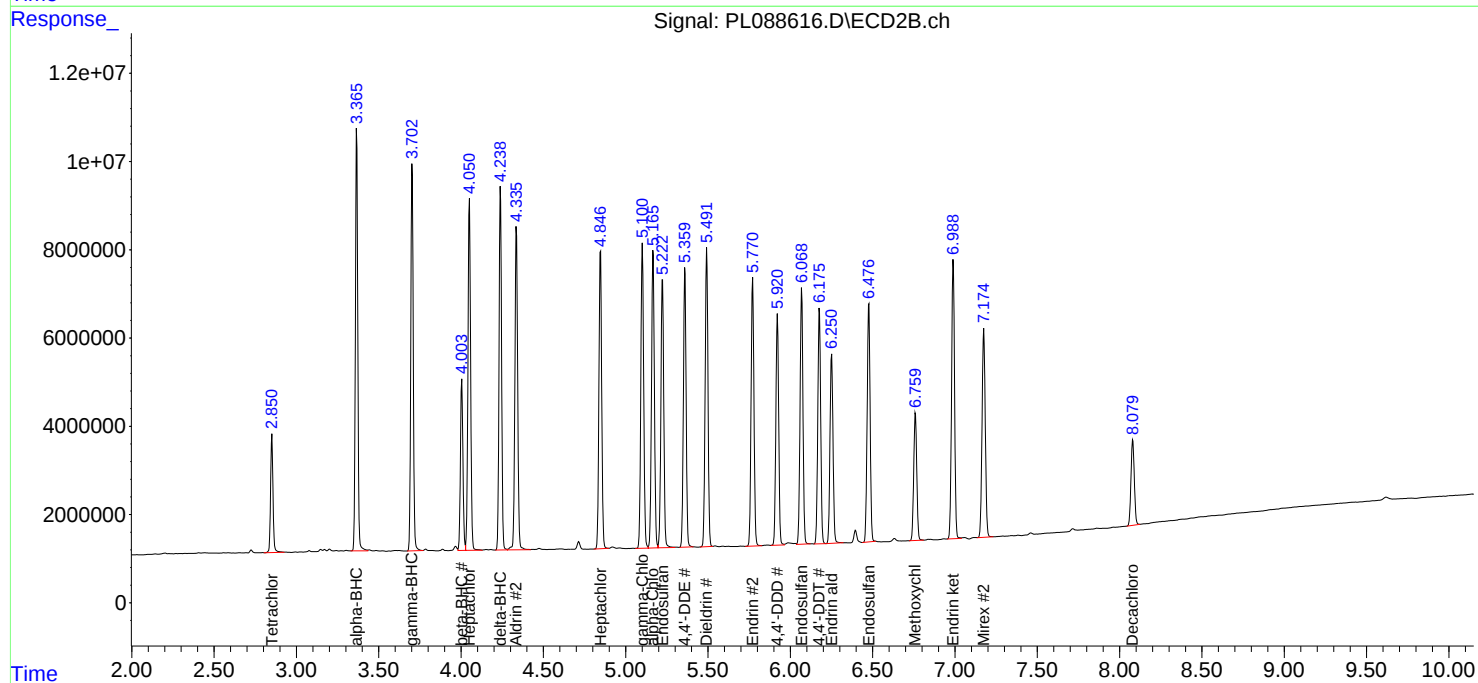
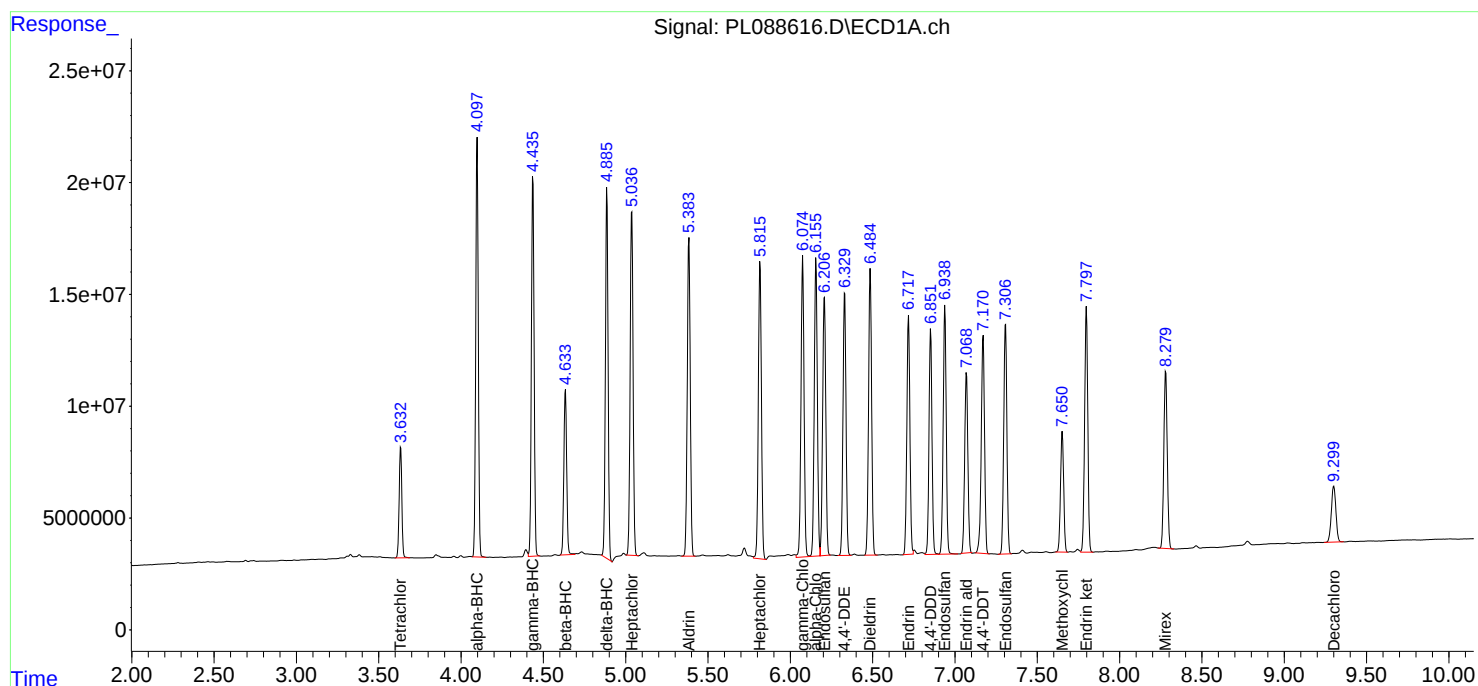
APPROVED

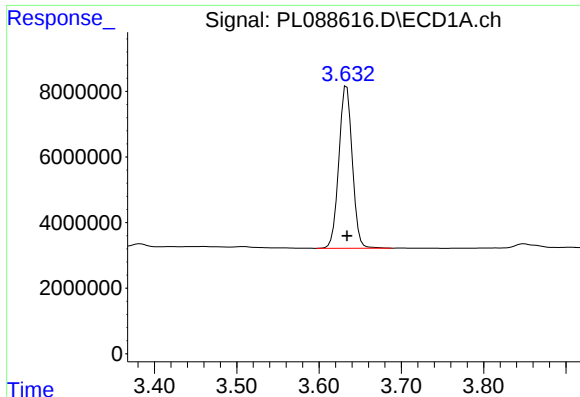
Reviewed By :Abdul Mirza 03/15/2024

Supervised By :Ankita Jodhani 03/15/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 14 20:25:27 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





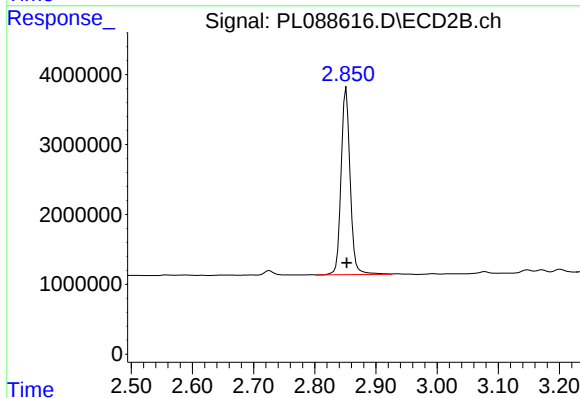
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 56045930
Conc: 21.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159588BS

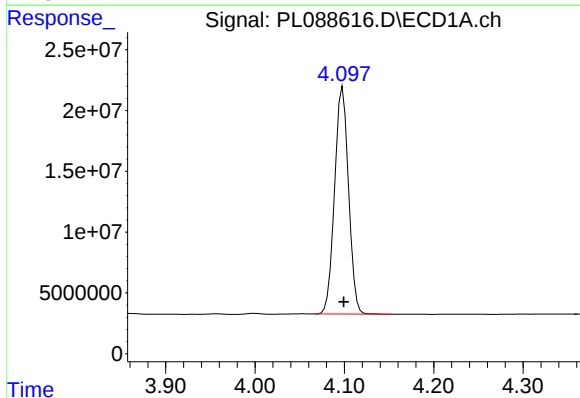
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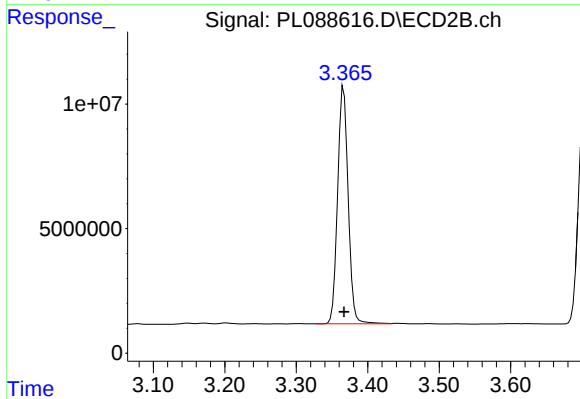
#1 Tetrachloro-m-xylene

R.T.: 2.851 min
Delta R.T.: 0.000 min
Response: 27520016
Conc: 20.65 ng/ml



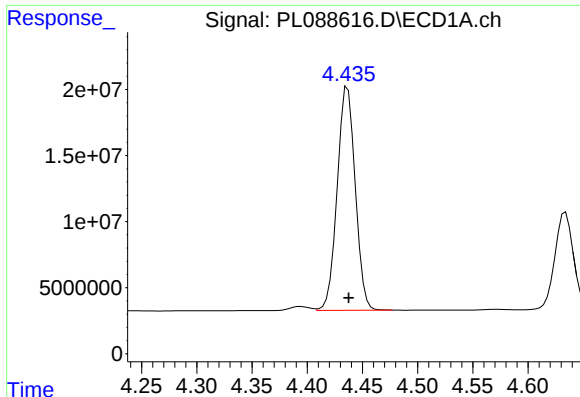
#2 alpha-BHC

R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 202600672
Conc: 50.76 ng/ml



#2 alpha-BHC

R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 97488832
Conc: 48.52 ng/ml



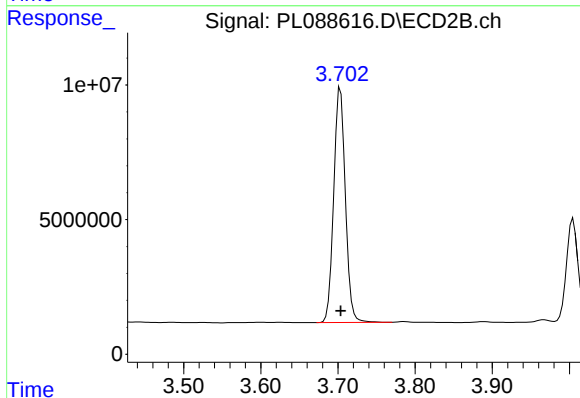
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: -0.001 min
Response: 192532568
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159588BS

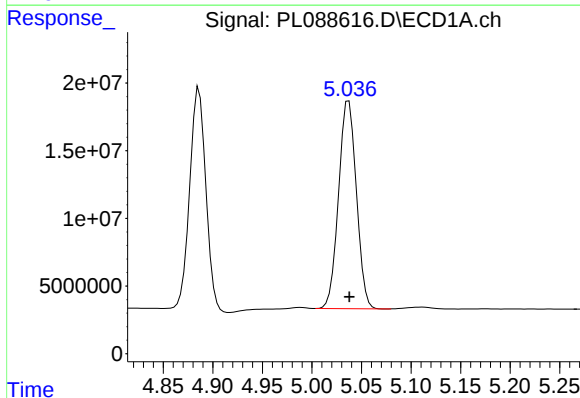
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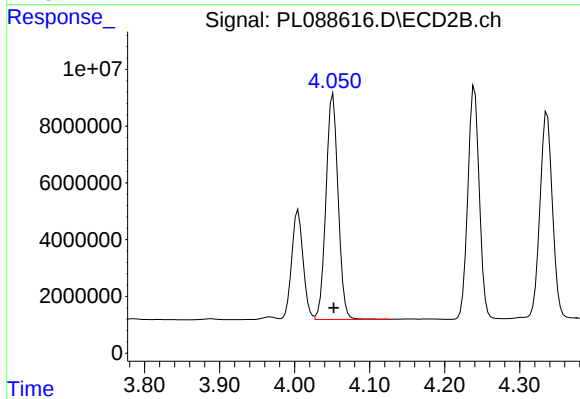
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 91999643
Conc: 47.94 ng/ml



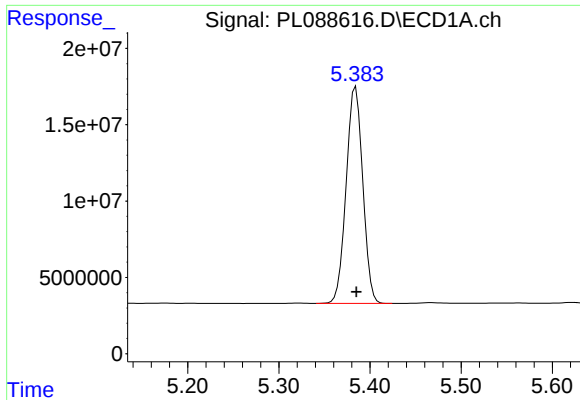
#4 Heptachlor

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 192057290
Conc: 50.58 ng/ml



#4 Heptachlor

R.T.: 4.051 min
Delta R.T.: -0.001 min
Response: 89428077
Conc: 49.69 ng/ml



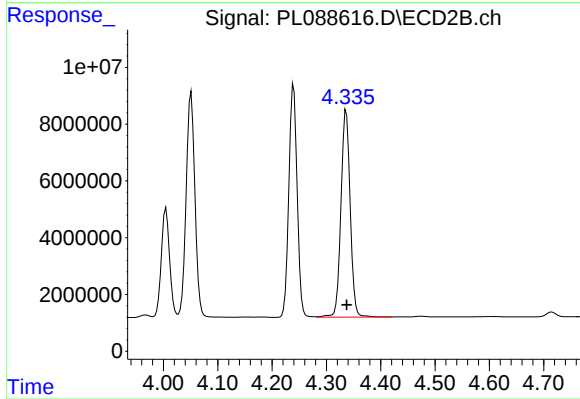
#5 Aldrin

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 179622711
Conc: 49.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159588BS

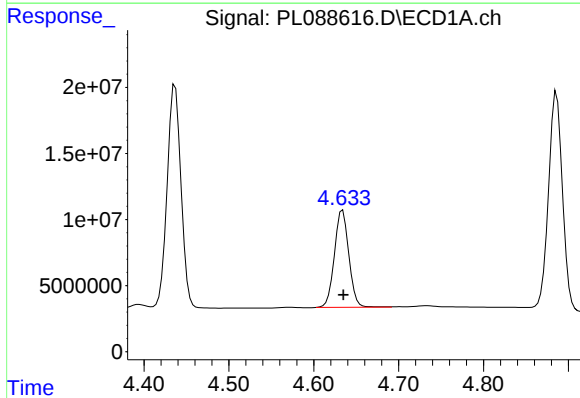
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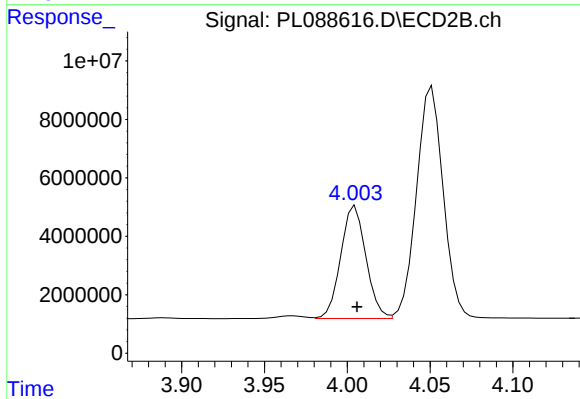
#5 Aldrin

R.T.: 4.337 min
Delta R.T.: -0.001 min
Response: 86171190
Conc: 47.69 ng/ml



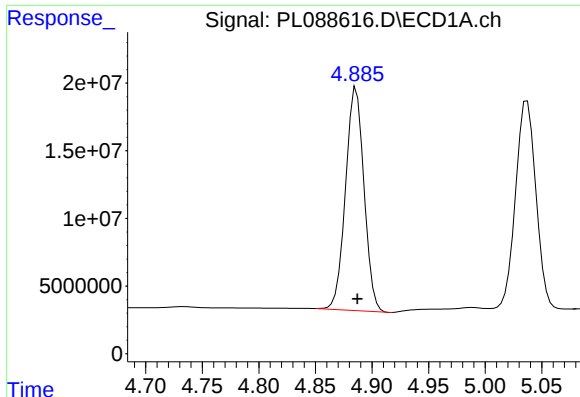
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 87069947
Conc: 49.10 ng/ml



#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: -0.001 min
Response: 40824009
Conc: 47.62 ng/ml



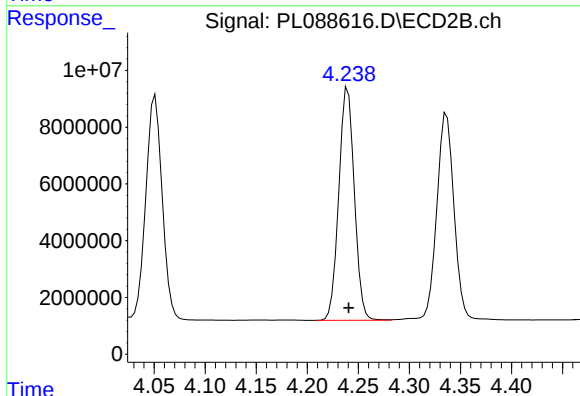
#7 delta-BHC

R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 187282859
Conc: 46.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159588BS

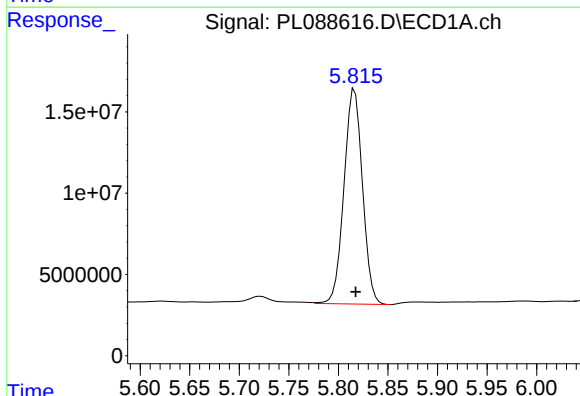
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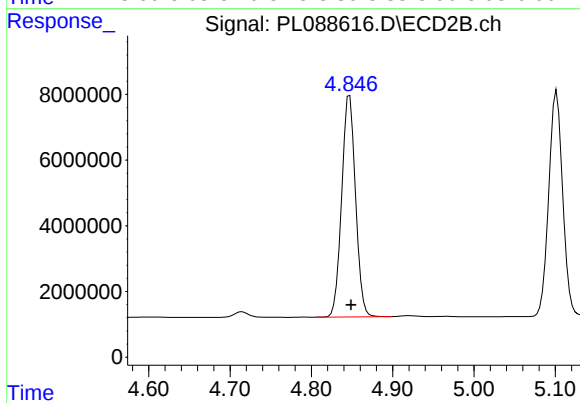
#7 delta-BHC

R.T.: 4.240 min
Delta R.T.: 0.000 min
Response: 87033858
Conc: 45.49 ng/ml



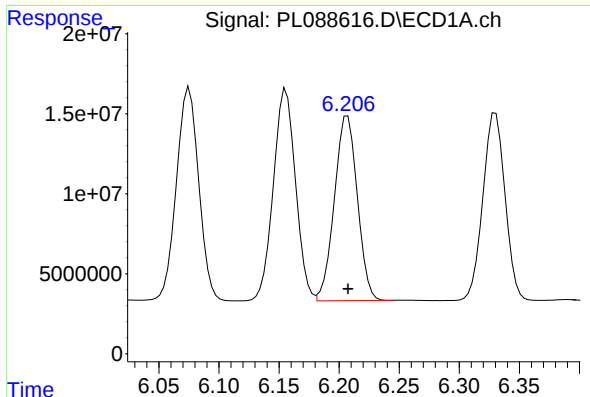
#8 Heptachlor epoxide

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 171775046
Conc: 50.01 ng/ml



#8 Heptachlor epoxide

R.T.: 4.847 min
Delta R.T.: -0.002 min
Response: 79531357
Conc: 48.36 ng/ml



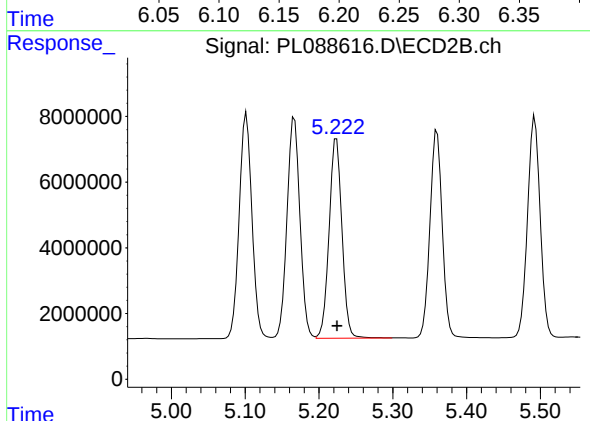
#9 Endosulfan I

R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 153634665
Conc: 50.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159588BS

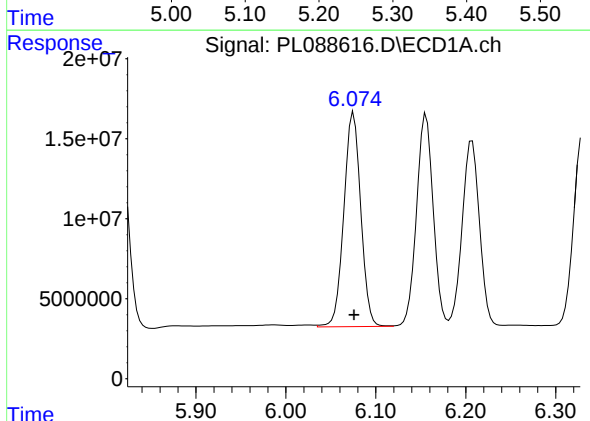
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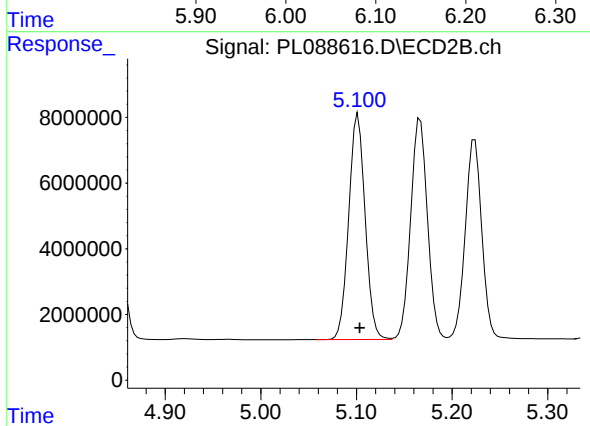
#9 Endosulfan I

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 73661662
Conc: 49.00 ng/ml



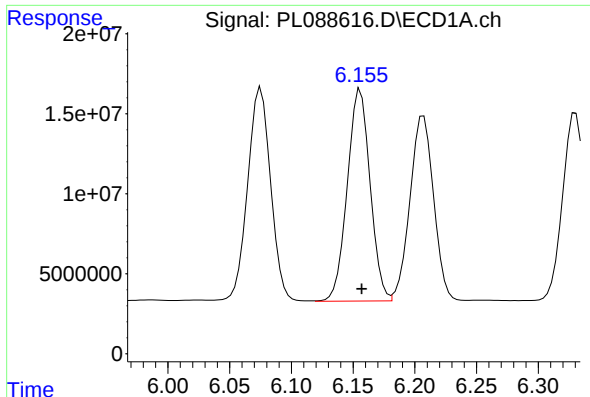
#10 gamma-Chlordane

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 175018130
Conc: 52.55 ng/ml



#10 gamma-Chlordane

R.T.: 5.102 min
Delta R.T.: -0.002 min
Response: 82337868
Conc: 49.71 ng/ml



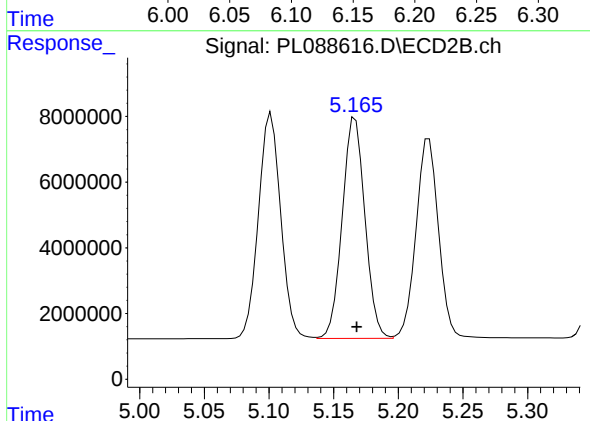
#11 alpha-Chlordane

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 170453482
Conc: 51.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159588BS

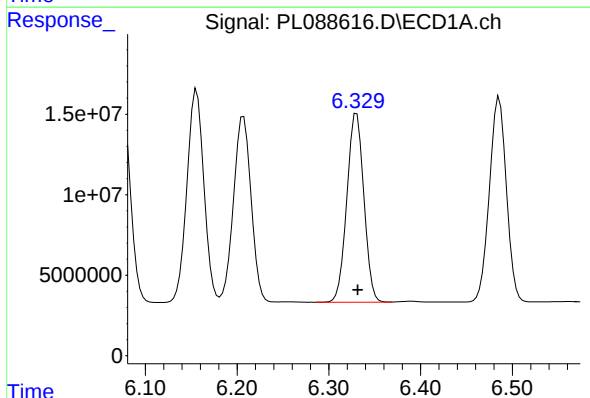
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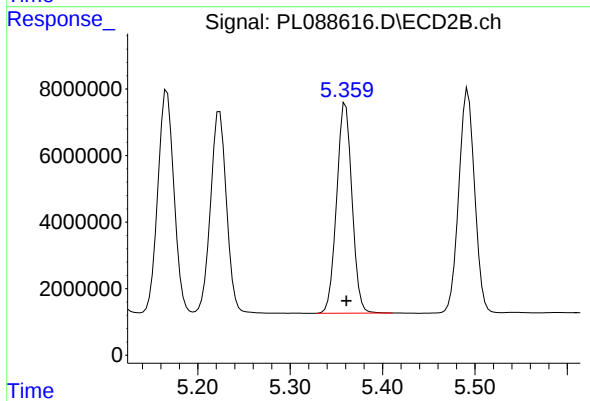
#11 alpha-Chlordane

R.T.: 5.167 min
Delta R.T.: -0.001 min
Response: 81958104
Conc: 49.37 ng/ml



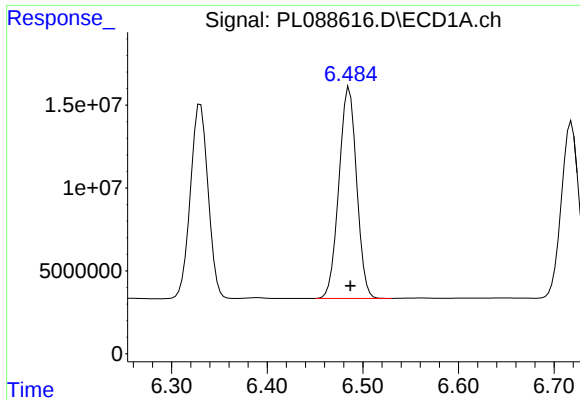
#12 4,4'-DDE

R.T.: 6.330 min
Delta R.T.: -0.001 min
Response: 150895916
Conc: 50.51 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 72951242
Conc: 50.02 ng/ml



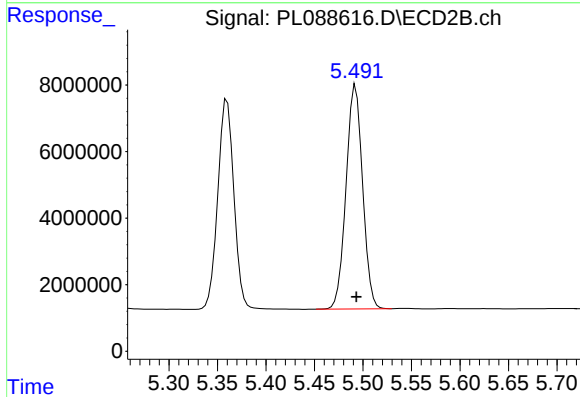
#13 Dieldrin

R.T.: 6.486 min
Delta R.T.: -0.001 min
Response: 164130105
Conc: 50.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159588BS

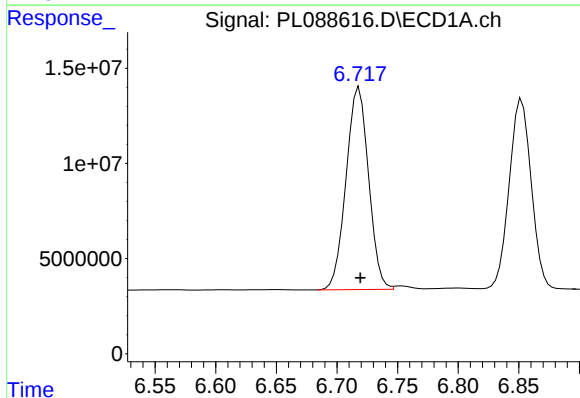
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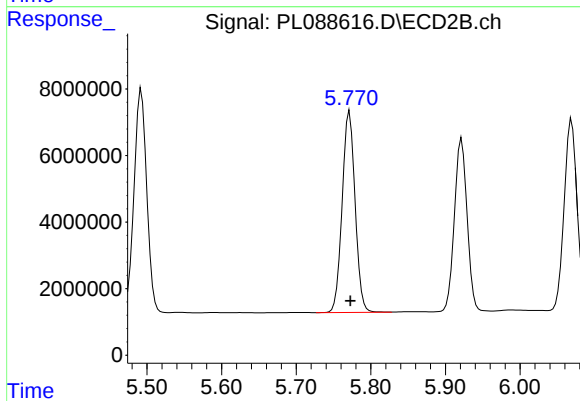
#13 Dieldrin

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 79928313
Conc: 49.21 ng/ml



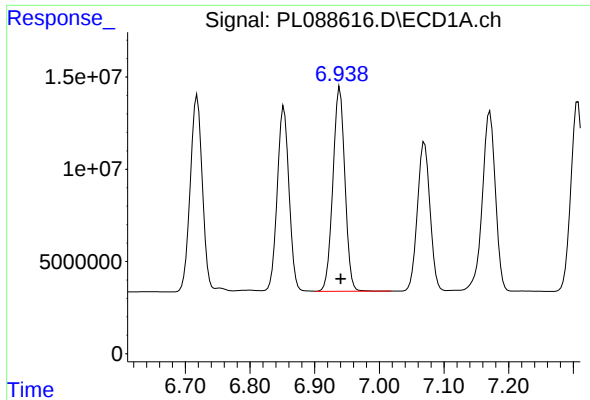
#14 Endrin

R.T.: 6.717 min
Delta R.T.: -0.002 min
Response: 137307072
Conc: 50.23 ng/ml m



#14 Endrin

R.T.: 5.771 min
Delta R.T.: -0.001 min
Response: 72734024
Conc: 50.46 ng/ml



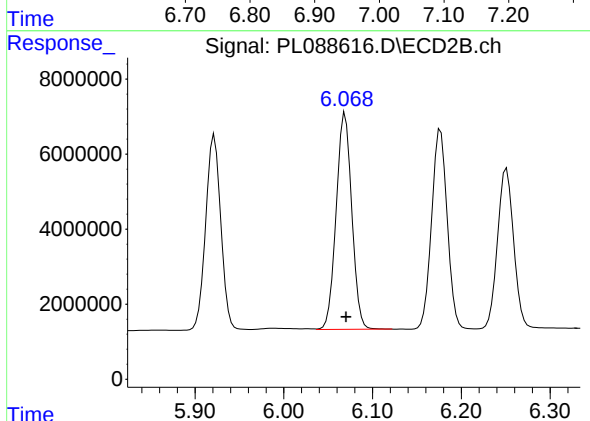
#15 Endosulfan II

R.T.: 6.939 min
Delta R.T.: -0.001 min
Response: 142632747
Conc: 49.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159588BS

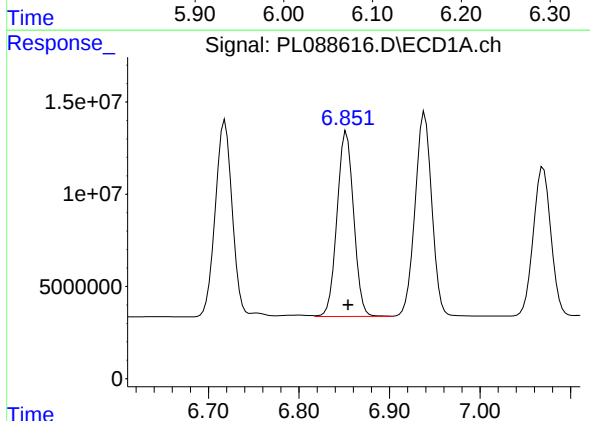
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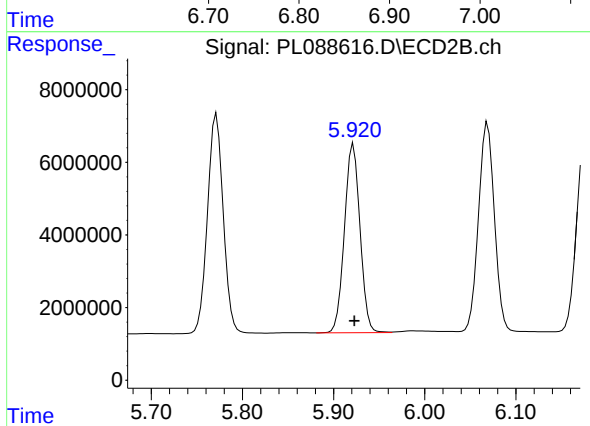
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.001 min
Response: 70529382
Conc: 49.05 ng/ml



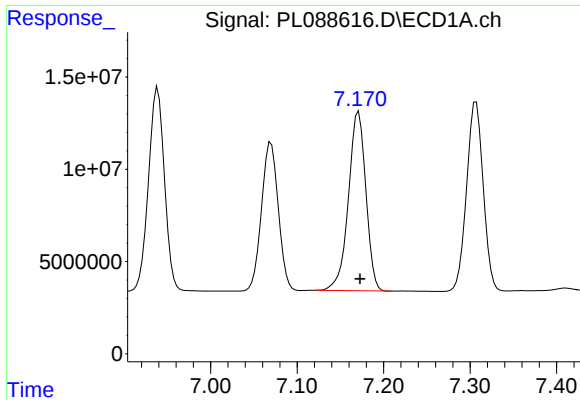
#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 127872445
Conc: 50.21 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 61730764
Conc: 49.57 ng/ml



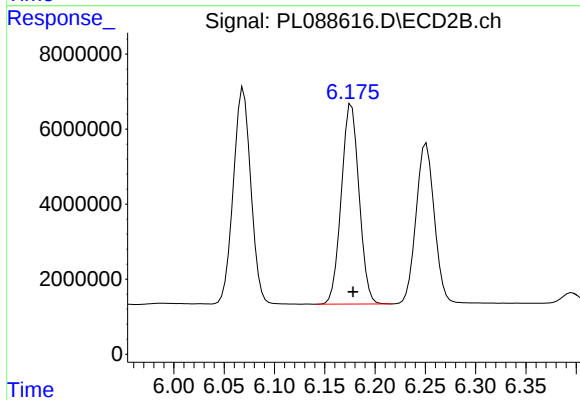
#17 4,4'-DDT

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 135646549
Conc: 50.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159588BS

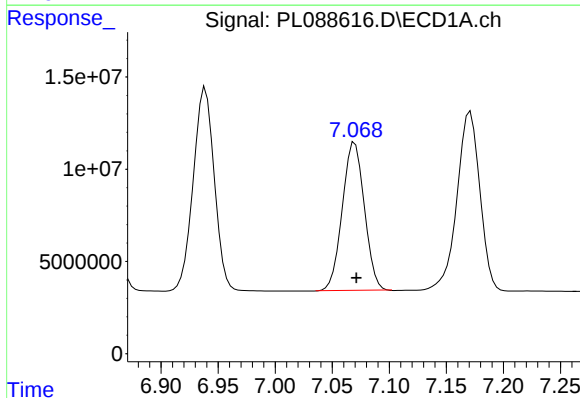
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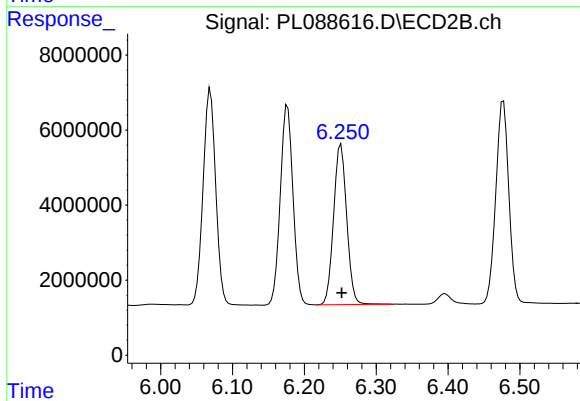
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: -0.001 min
Response: 65258376
Conc: 48.62 ng/ml



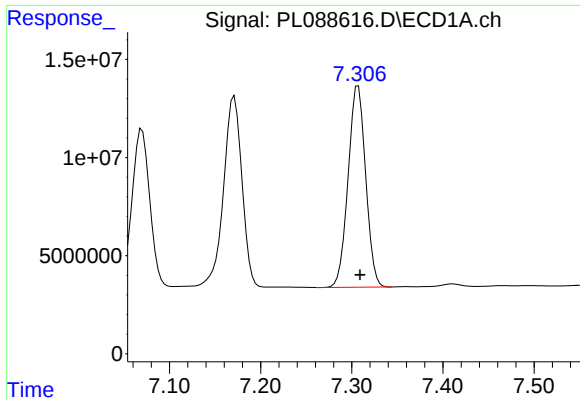
#18 Endrin aldehyde

R.T.: 7.068 min
Delta R.T.: -0.003 min
Response: 107805307
Conc: 51.63 ng/ml m



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: -0.001 min
Response: 54083996
Conc: 51.61 ng/ml



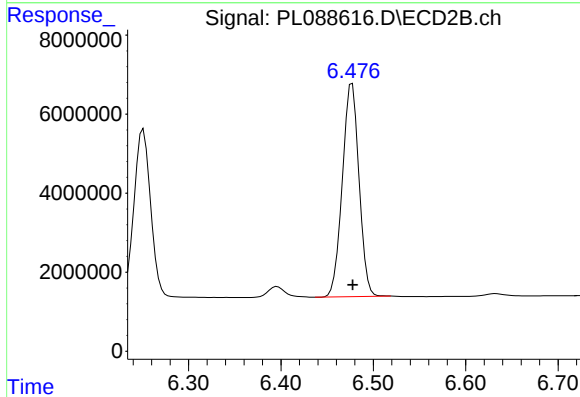
#19 Endosulfan Sulfate

R.T.: 7.307 min
Delta R.T.: -0.002 min
Response: 137253941
Conc: 49.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159588BS

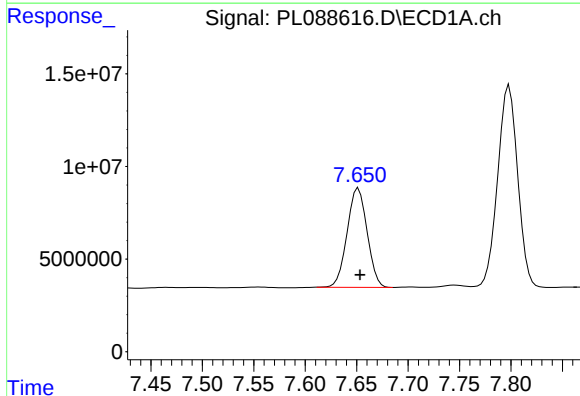
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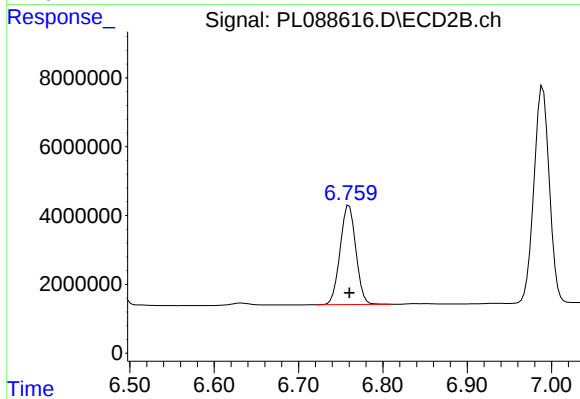
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 67724312
Conc: 48.81 ng/ml



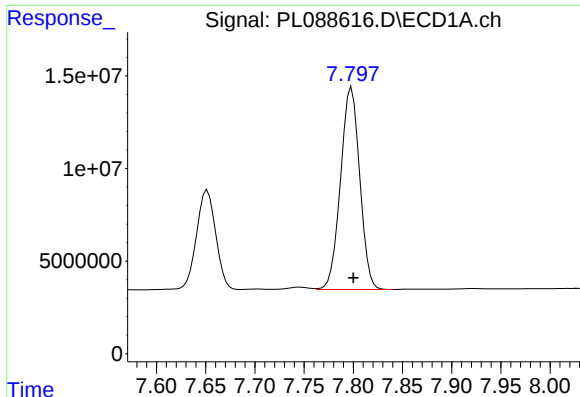
#20 Methoxychlor

R.T.: 7.652 min
Delta R.T.: -0.001 min
Response: 72576392
Conc: 48.18 ng/ml



#20 Methoxychlor

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 37506024
Conc: 46.76 ng/ml



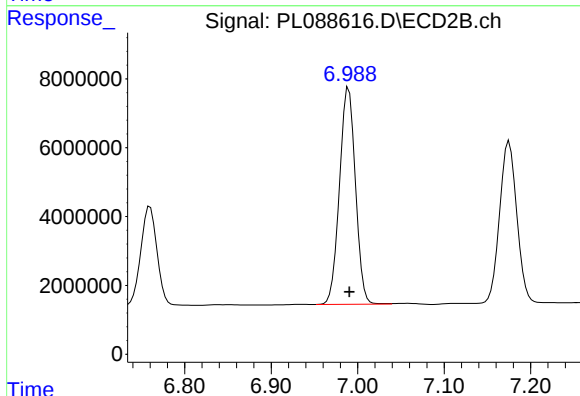
#21 Endrin ketone

R.T.: 7.798 min
Delta R.T.: -0.002 min
Response: 147990206
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159588BS

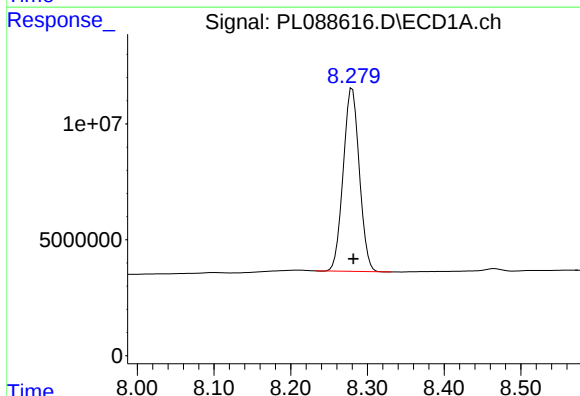
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/15/2024
Supervised By :Ankita Jodhani 03/15/2024



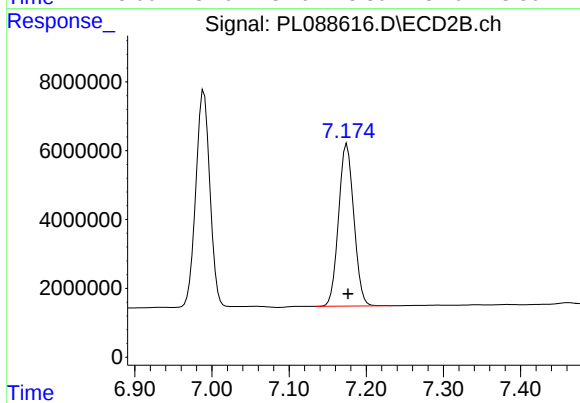
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 80168868
Conc: 48.57 ng/ml



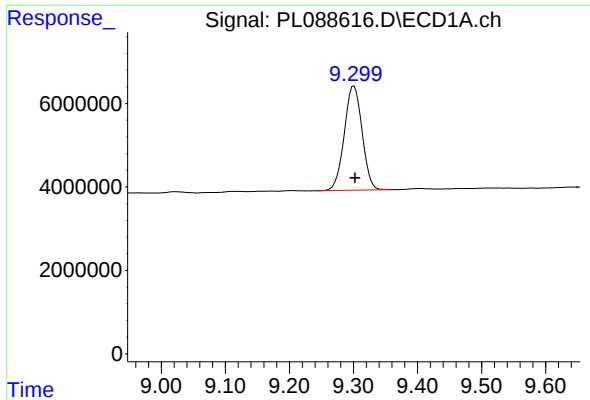
#22 Mirex

R.T.: 8.280 min
Delta R.T.: -0.001 min
Response: 115775560
Conc: 49.38 ng/ml



#22 Mirex

R.T.: 7.175 min
Delta R.T.: -0.001 min
Response: 64790491
Conc: 48.05 ng/ml



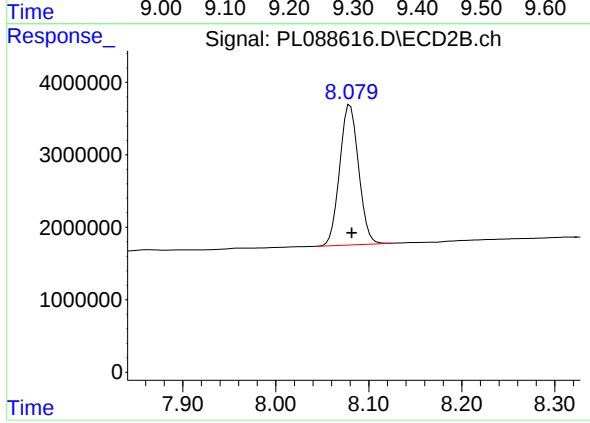
#28 Decachlorobiphenyl

R.T.: 9.301 min
Delta R.T.: -0.002 min
Response: 48249726
Conc: 19.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159588BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.080 min
Delta R.T.: -0.002 min
Response: 27444406
Conc: 20.24 ng/ml