

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030124\
 Data File : PL088382.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Mar 2024 15:43
 Operator : AR\AJ
 Sample : P1653-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 294MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/04/2024
 Supervised By : Ankita Jodhani 03/04/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 02 00:21:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 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	2.854	56950858	29379388	20.734	20.948
28)	SA Decachlor...	9.297	8.081	44593037	27982192	23.154	21.976
Target Compounds							
2)	A alpha-BHC	4.099	3.368	199.0E6	102.0E6	47.662	49.642
3)	MA gamma-BHC...	4.437	3.705	190.6E6	98055954	47.070	48.966
4)	MA Heptachlor	5.037	4.053	191.2E6	99038147	49.692	54.364
5)	MB Aldrin	5.384	4.338	176.8E6	93281258	46.291	48.097
6)	B beta-BHC	4.635	4.006	83317703	43678871	47.839	49.073
7)	B delta-BHC	4.886	4.241	165.5E6	83503472	43.503	41.861
8)	B Heptachlo...	5.816	4.849	170.9E6	88325873	48.778	50.915
9)	A Endosulfan I	6.206	5.225	150.6E6	79287769	48.119	49.276
10)	B gamma-Chl...	6.075	5.102	182.8E6	100.4E6	53.778	56.298m
11)	B alpha-Chl...	6.156	5.168	211.4E6	100.9E6	61.944	56.650
12)	B 4,4'-DDE	6.330	5.361	143.0E6	82457714	47.135	51.879
13)	MA Dieldrin	6.485	5.494	160.5E6	88861123	48.820	51.503
14)	MA Endrin	6.717	5.773	135.1E6	81661337	51.946	54.618
15)	B Endosulfa...	6.938	6.070	140.4E6	78590177	49.011	51.588
16)	A 4,4'-DDD	6.852	5.922	128.0E6	65229445	49.365	47.744
17)	MA 4,4'-DDT	7.171	6.177	133.1E6	76702332	50.624	56.183
18)	B Endrin al...	7.069	6.252	103.5E6	56366523	50.065	51.610
19)	B Endosulfa...	7.307	6.476	129.6E6	74628709	49.752	53.138m
20)	A Methoxychlor	7.650	6.761	70409107	43955626	53.191	56.083
21)	B Endrin ke...	7.797	6.990	146.1E6	83984804	52.172	50.164
22)	Mirex	8.278	7.176	109.7E6	70069068	47.346	53.483

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030124\
Data File : PL088382.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Mar 2024 15:43
Operator : AR\AJ
Sample : P1653-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

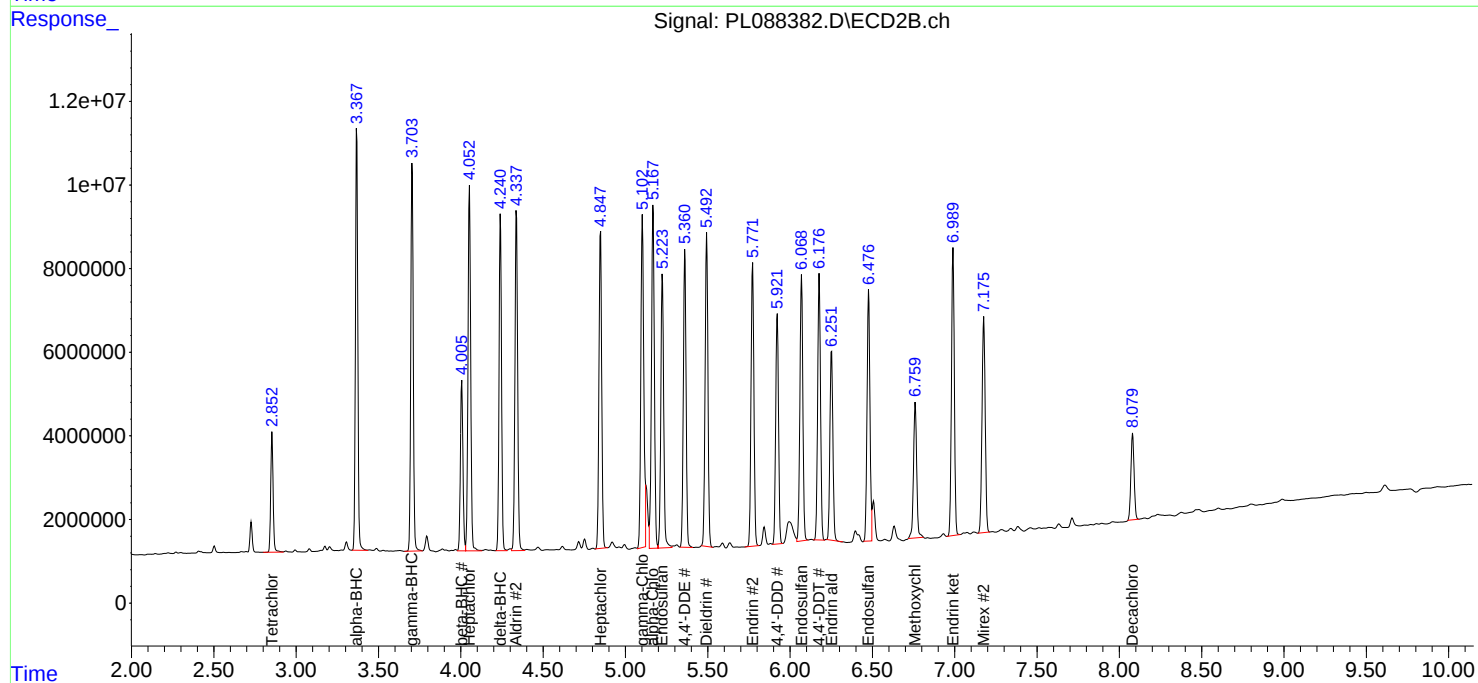
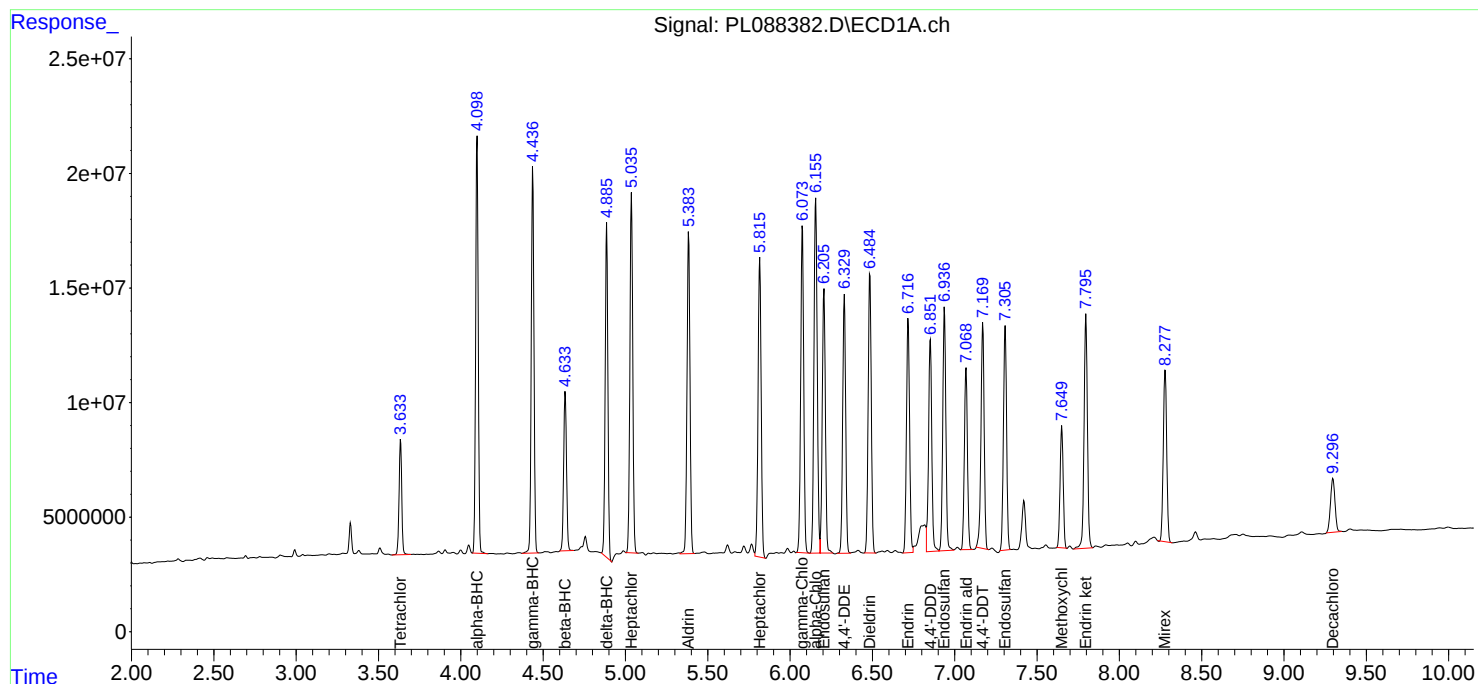
Instrument :
ECD_L
ClientSampleId :
294MSD

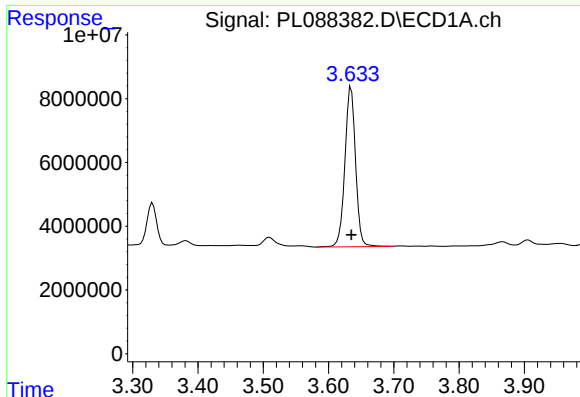
Manual Integrations
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Supervised By :Ankita Jodhani 03/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 02 00:21:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 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





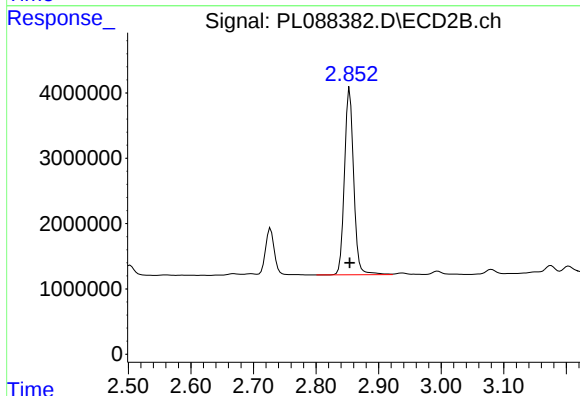
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 56950858
Conc: 20.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
294MSD

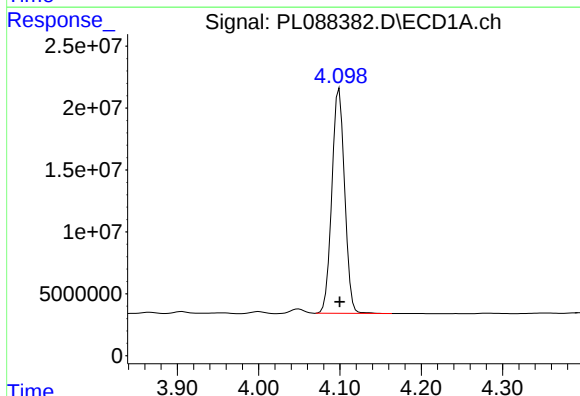
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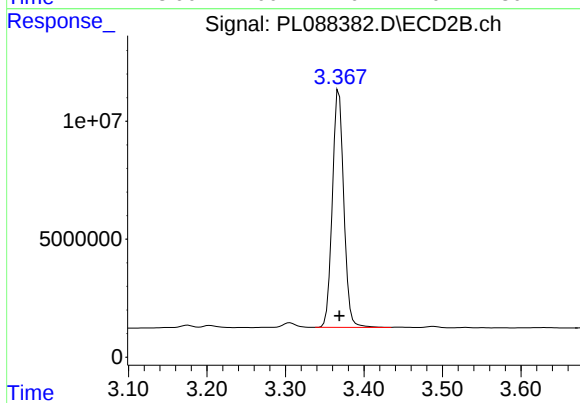
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 29379388
Conc: 20.95 ng/ml



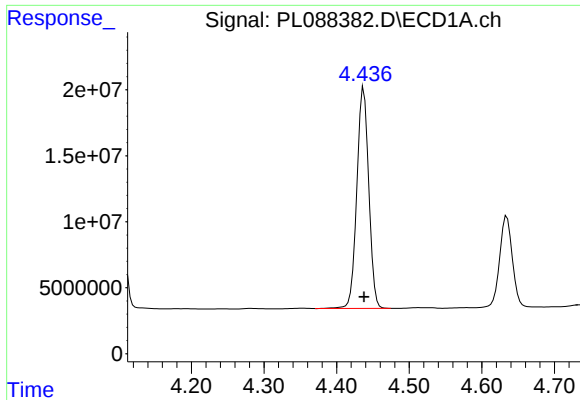
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 198954406
Conc: 47.66 ng/ml



#2 alpha-BHC

R.T.: 3.368 min
Delta R.T.: 0.000 min
Response: 102006254
Conc: 49.64 ng/ml



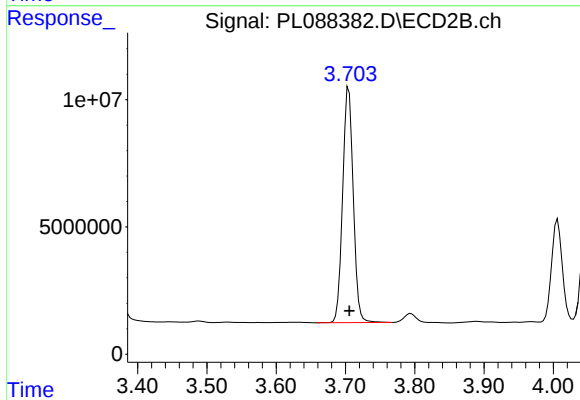
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 190611996
Conc: 47.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
294MSD

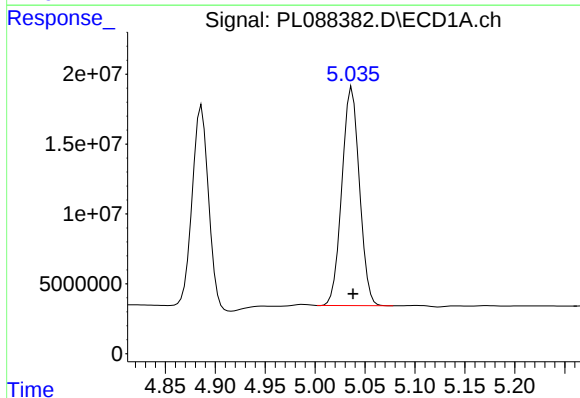
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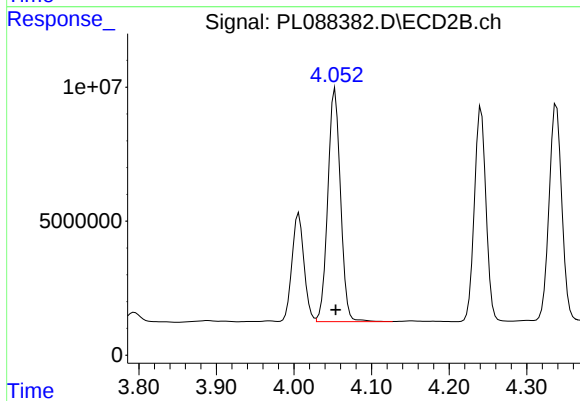
#3 gamma-BHC (Lindane)

R.T.: 3.705 min
Delta R.T.: 0.000 min
Response: 98055954
Conc: 48.97 ng/ml



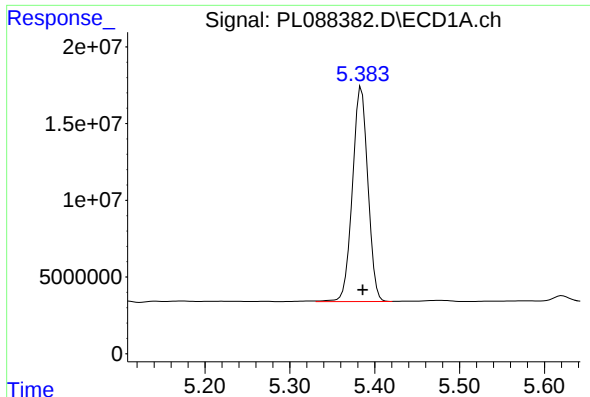
#4 Heptachlor

R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 191227373
Conc: 49.69 ng/ml



#4 Heptachlor

R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 99038147
Conc: 54.36 ng/ml



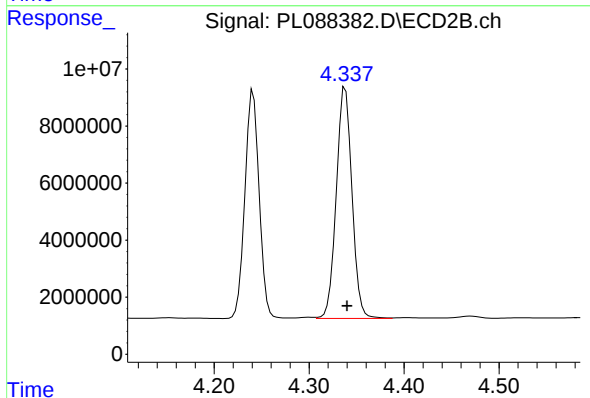
#5 Aldrin

R.T.: 5.384 min
Delta R.T.: -0.002 min
Response: 176756184
Conc: 46.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
294MSD

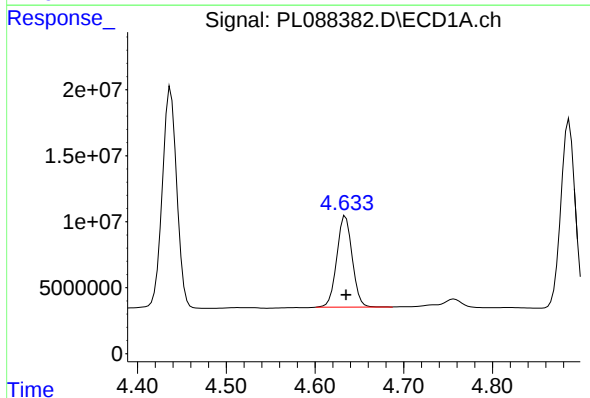
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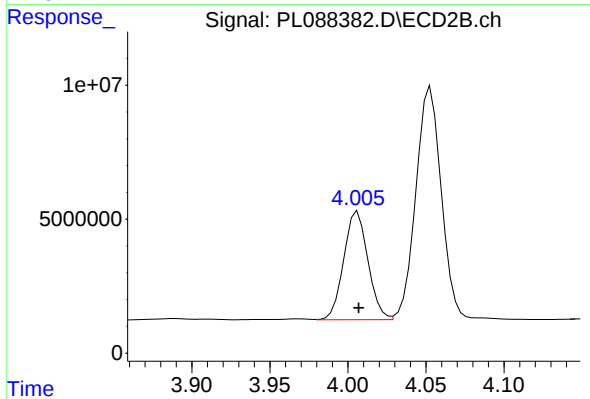
#5 Aldrin

R.T.: 4.338 min
Delta R.T.: -0.002 min
Response: 93281258
Conc: 48.10 ng/ml



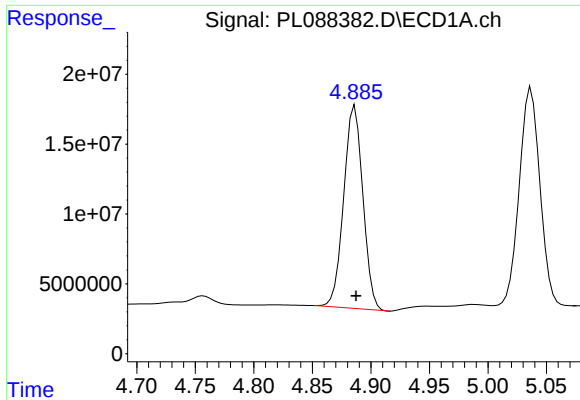
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 83317703
Conc: 47.84 ng/ml



#6 beta-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 43678871
Conc: 49.07 ng/ml



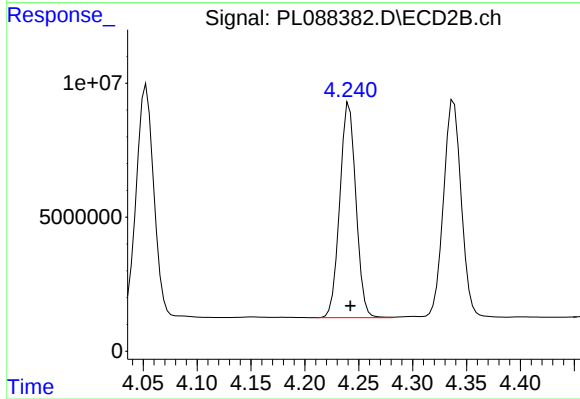
#7 delta-BHC

R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 165515317
Conc: 43.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
294MSD

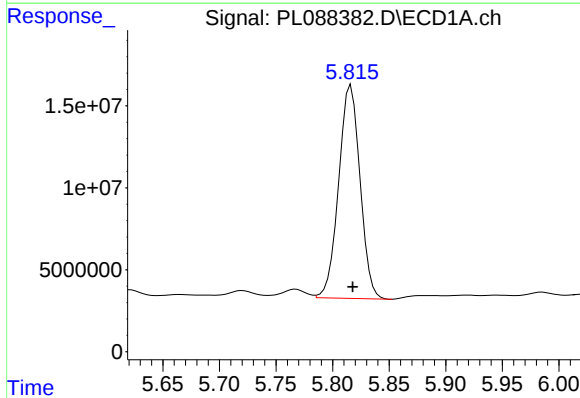
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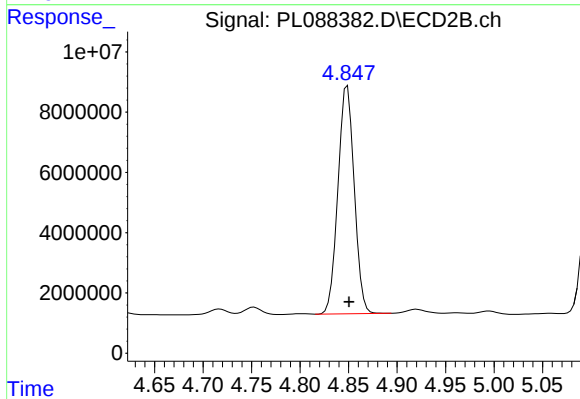
#7 delta-BHC

R.T.: 4.241 min
Delta R.T.: -0.001 min
Response: 83503472
Conc: 41.86 ng/ml



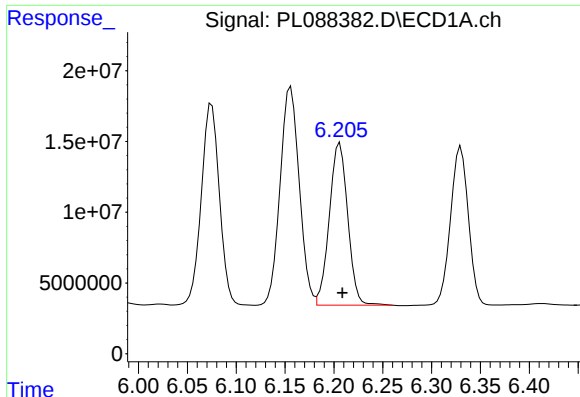
#8 Heptachlor epoxide

R.T.: 5.816 min
Delta R.T.: -0.002 min
Response: 170901169
Conc: 48.78 ng/ml



#8 Heptachlor epoxide

R.T.: 4.849 min
Delta R.T.: -0.002 min
Response: 88325873
Conc: 50.92 ng/ml



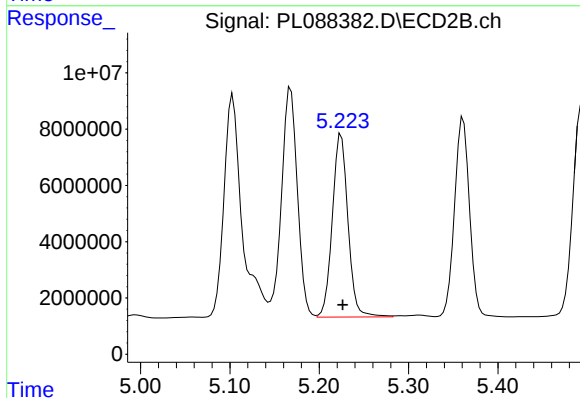
#9 Endosulfan I

R.T.: 6.206 min
Delta R.T.: -0.003 min
Response: 150606902
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
294MSD

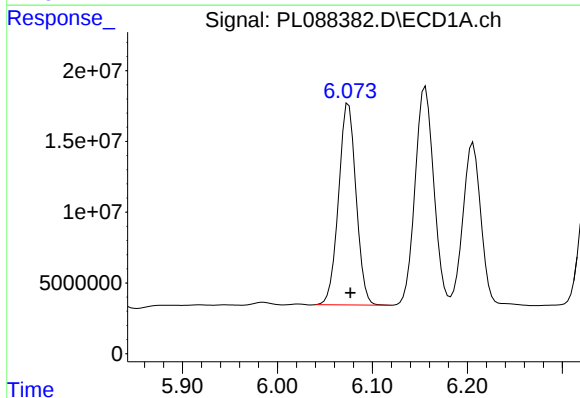
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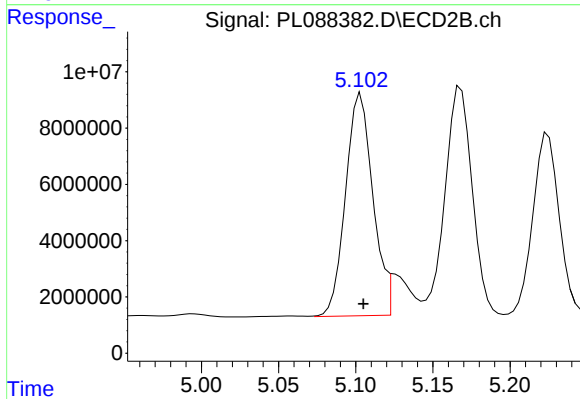
#9 Endosulfan I

R.T.: 5.225 min
Delta R.T.: -0.002 min
Response: 79287769
Conc: 49.28 ng/ml



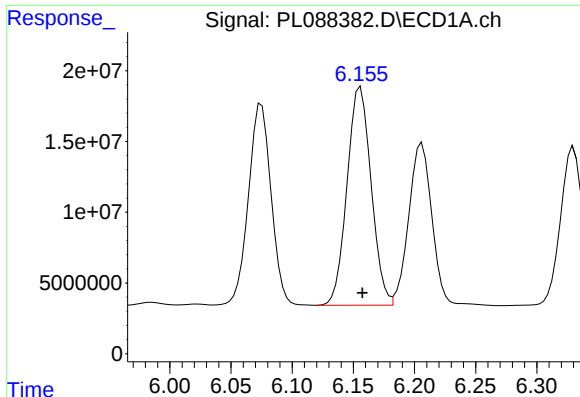
#10 gamma-Chlordane

R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 182754938
Conc: 53.78 ng/ml



#10 gamma-Chlordane

R.T.: 5.102 min
Delta R.T.: -0.003 min
Response: 100424084
Conc: 56.30 ng/ml m



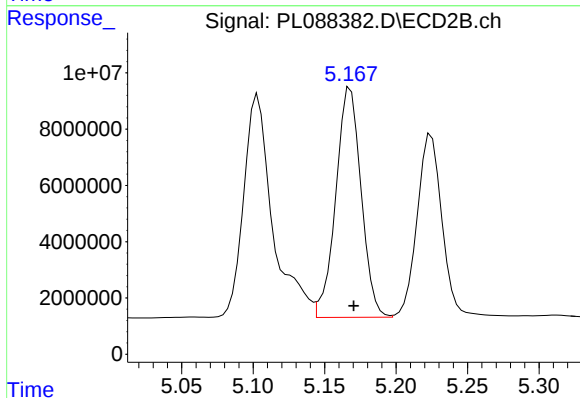
#11 alpha-Chlordane

R.T.: 6.156 min
Delta R.T.: -0.002 min
Response: 211401173
Conc: 61.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
294MSD

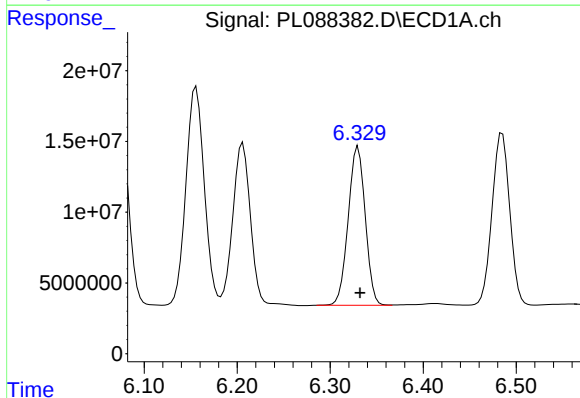
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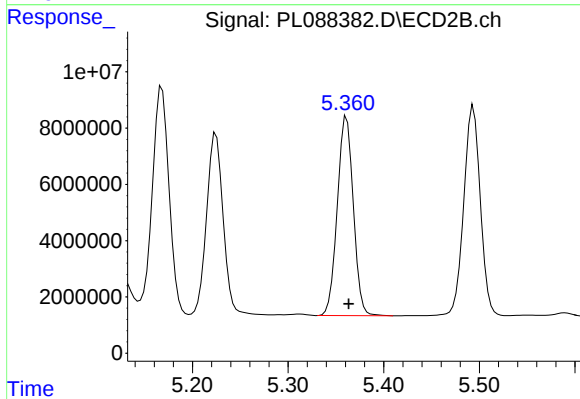
#11 alpha-Chlordane

R.T.: 5.168 min
Delta R.T.: -0.002 min
Response: 100919515
Conc: 56.65 ng/ml



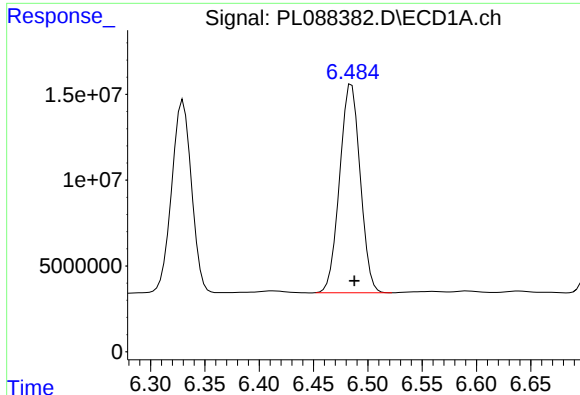
#12 4,4'-DDE

R.T.: 6.330 min
Delta R.T.: -0.002 min
Response: 142951661
Conc: 47.13 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 82457714
Conc: 51.88 ng/ml



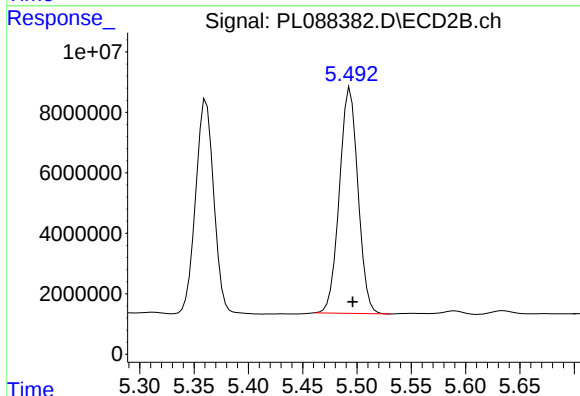
#13 Dieldrin

R.T.: 6.485 min
Delta R.T.: -0.003 min
Response: 160526416
Conc: 48.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
294MSD

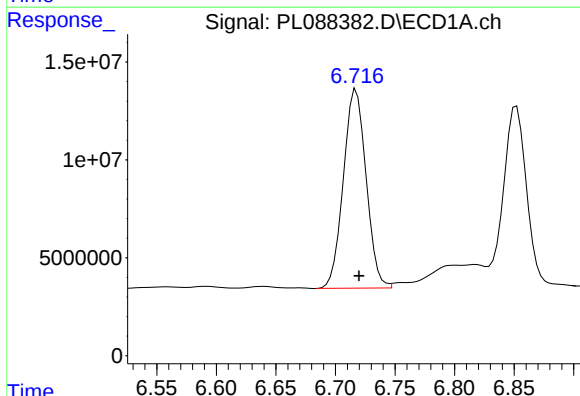
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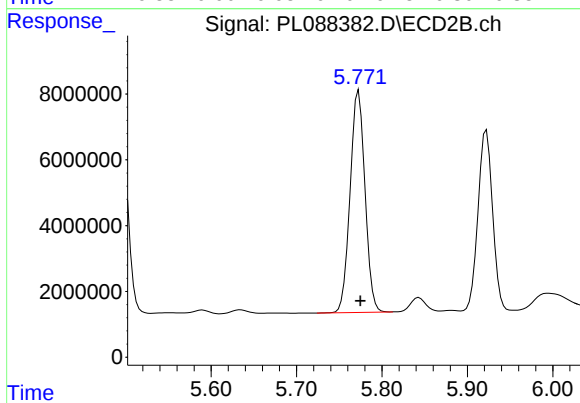
#13 Dieldrin

R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 88861123
Conc: 51.50 ng/ml



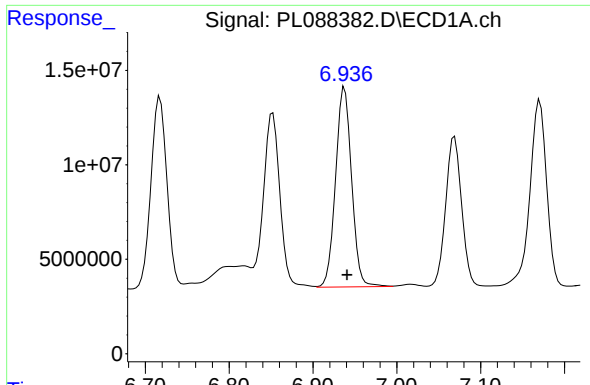
#14 Endrin

R.T.: 6.717 min
Delta R.T.: -0.002 min
Response: 135090853
Conc: 51.95 ng/ml



#14 Endrin

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 81661337
Conc: 54.62 ng/ml



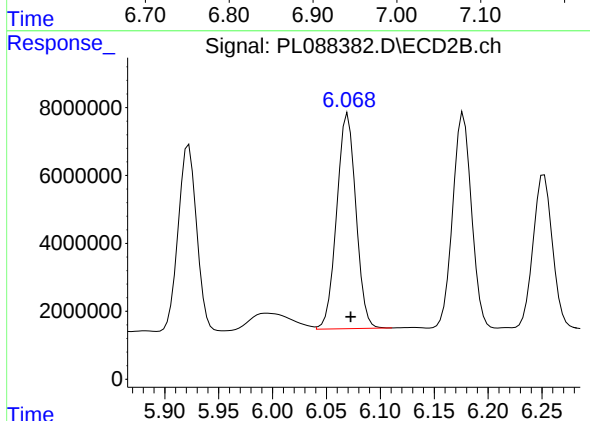
#15 Endosulfan II

R.T.: 6.938 min
Delta R.T.: -0.003 min
Response: 140362036
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
294MSD

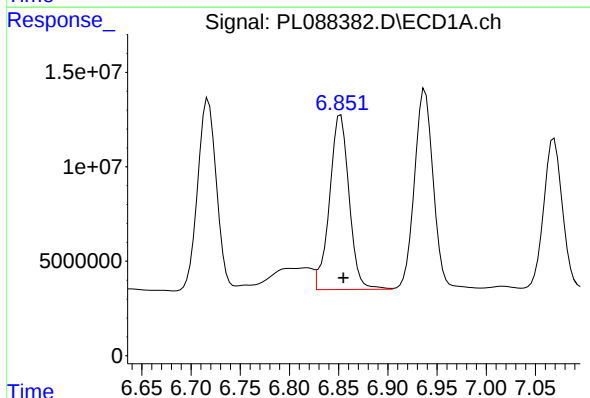
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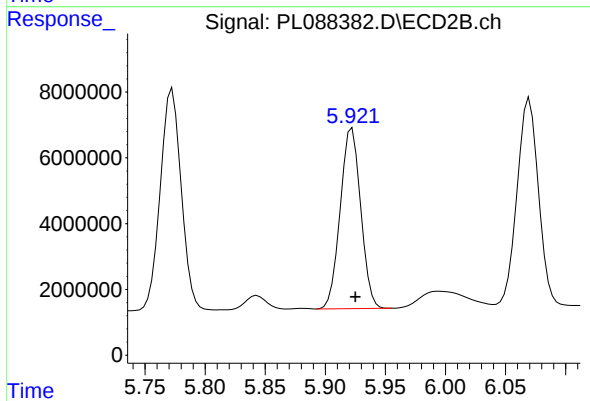
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 78590177
Conc: 51.59 ng/ml



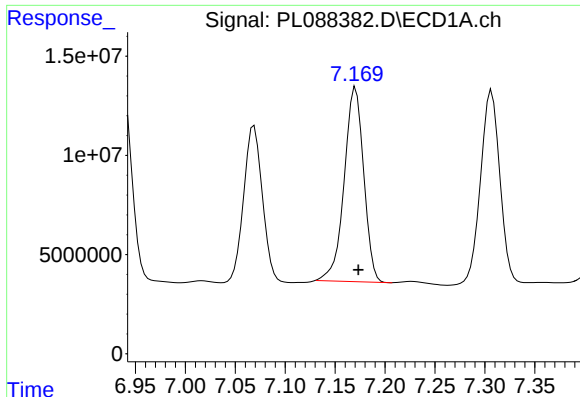
#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 128037996
Conc: 49.37 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 65229445
Conc: 47.74 ng/ml



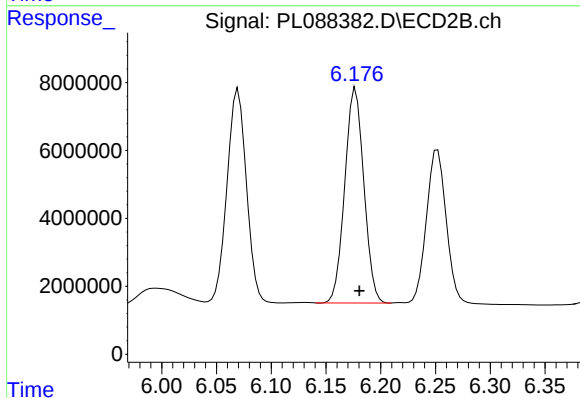
#17 4,4'-DDT

R.T.: 7.171 min
Delta R.T.: -0.003 min
Response: 133100874
Conc: 50.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
294MSD

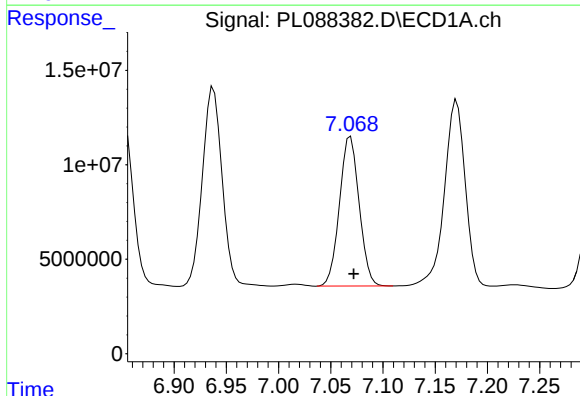
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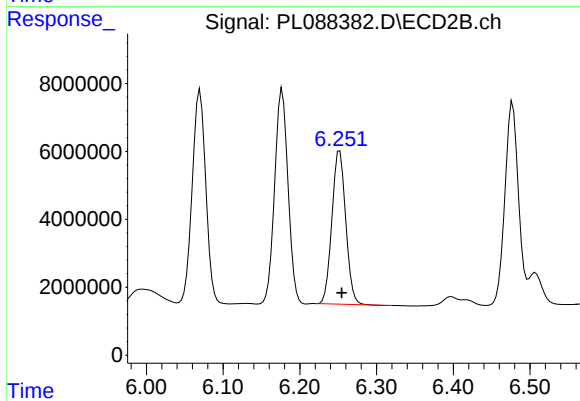
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: -0.003 min
Response: 76702332
Conc: 56.18 ng/ml



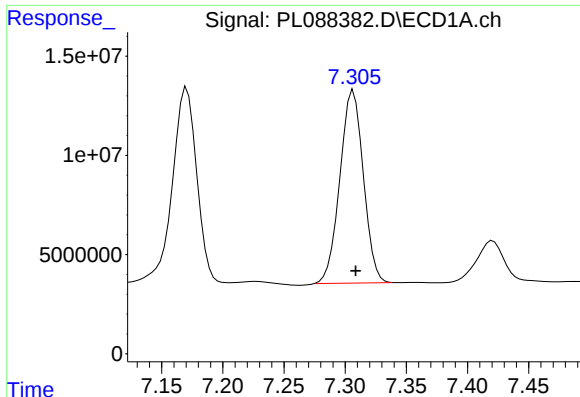
#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: -0.003 min
Response: 103517588
Conc: 50.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: -0.003 min
Response: 56366523
Conc: 51.61 ng/ml



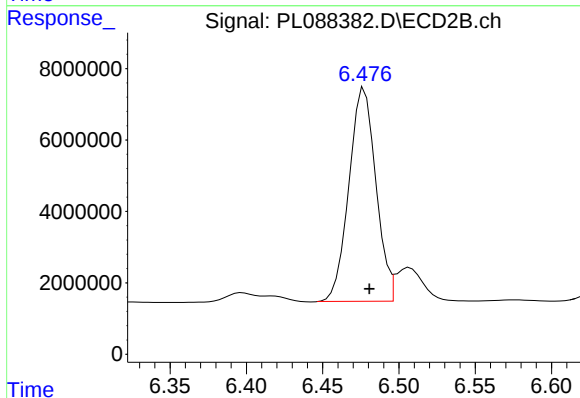
#19 Endosulfan Sulfate

R.T.: 7.307 min
Delta R.T.: -0.002 min
Response: 129611315
Conc: 49.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
294MSD

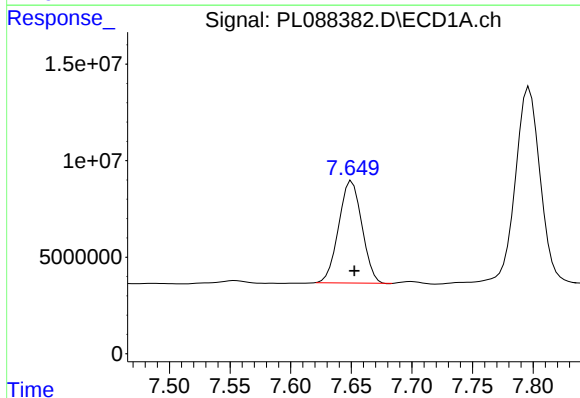
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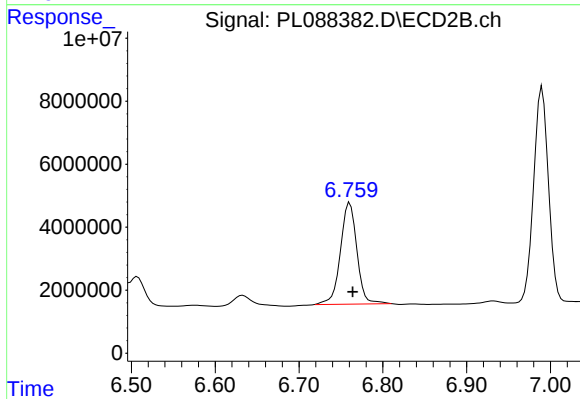
#19 Endosulfan Sulfate

R.T.: 6.476 min
Delta R.T.: -0.004 min
Response: 74628709
Conc: 53.14 ng/ml m



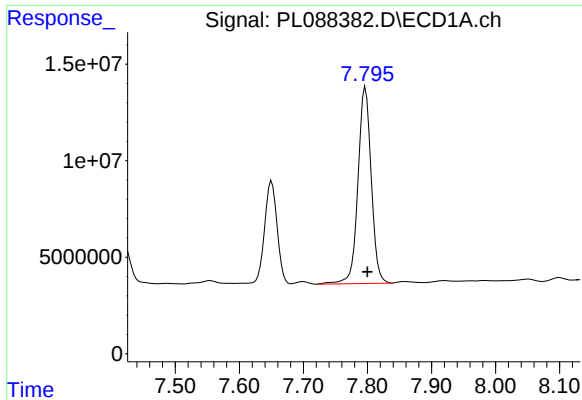
#20 Methoxychlor

R.T.: 7.650 min
Delta R.T.: -0.002 min
Response: 70409107
Conc: 53.19 ng/ml



#20 Methoxychlor

R.T.: 6.761 min
Delta R.T.: -0.003 min
Response: 43955626
Conc: 56.08 ng/ml



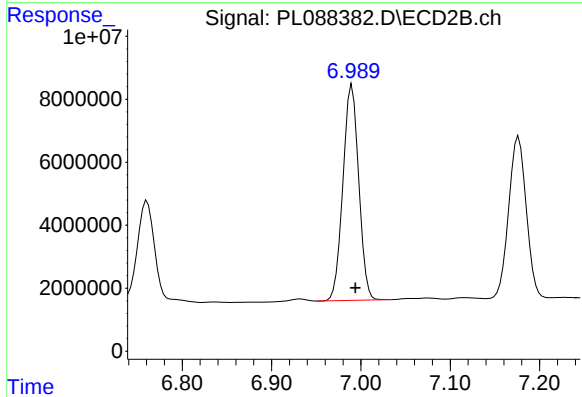
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: -0.003 min
Response: 146140980
Conc: 52.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
294MSD

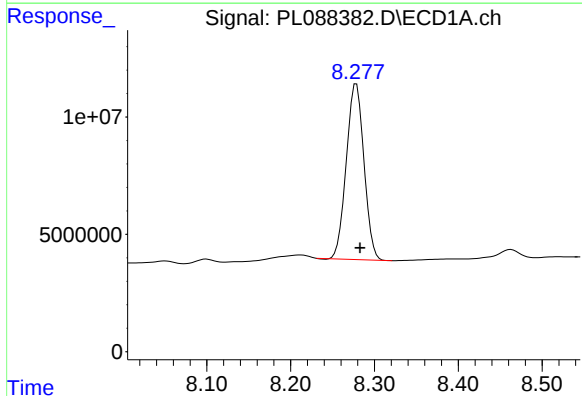
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/04/2024
Supervised By :Ankita Jodhani 03/04/2024



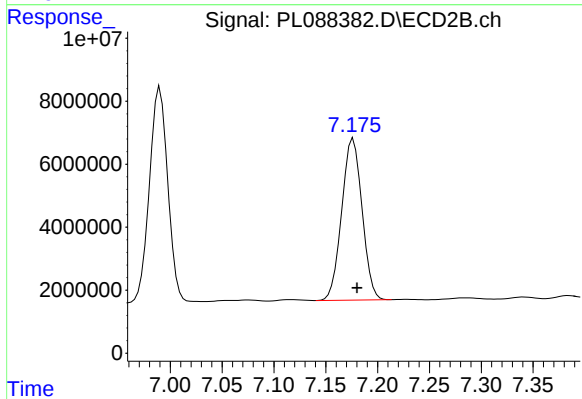
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.004 min
Response: 83984804
Conc: 50.16 ng/ml



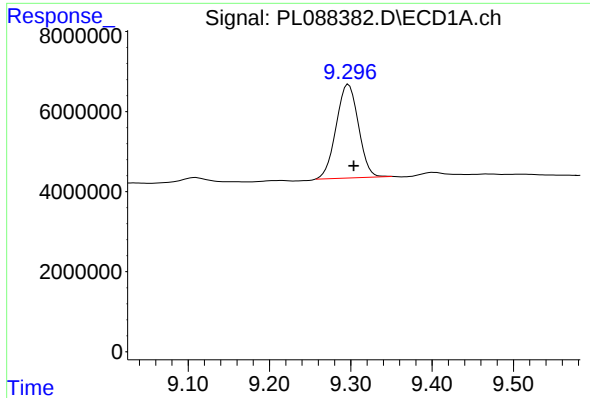
#22 Mirex

R.T.: 8.278 min
Delta R.T.: -0.004 min
Response: 109710085
Conc: 47.35 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.004 min
Response: 70069068
Conc: 53.48 ng/ml



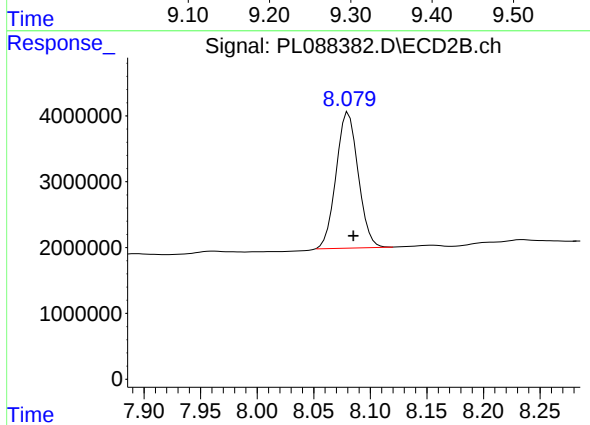
#28 Decachlorobiphenyl

R.T.: 9.297 min
Delta R.T.: -0.007 min
Response: 44593037
Conc: 23.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
294MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 03/04/2024



#28 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: -0.005 min
Response: 27982192
Conc: 21.98 ng/ml