

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031824\
 Data File : PL088659.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2024 12:14
 Operator : AR\AJ
 Sample : PB159636BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB159636BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/19/2024
 Supervised By :mohammad ahmed 03/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 18 13:04:00 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	54951329	25443904	20.737	19.091
28)	SA Decachlor...	9.307	8.084	48206576	26307405	19.502	19.402
Target Compounds							
2)	A alpha-BHC	4.099	3.366	197.0E6	89449410	49.342	44.514
3)	MA gamma-BHC...	4.438	3.703	187.1E6	84380304	48.236	43.968
4)	MA Heptachlor	5.038	4.051	188.7E6	82522061	49.679	45.852
5)	MB Aldrin	5.386	4.337	176.4E6	79966225	48.125	44.252
6)	B beta-BHC	4.635	4.005	85679414	37700659	48.312	43.979
7)	B delta-BHC	4.887	4.240	183.3E6	80327420	45.498	41.989
8)	B Heptachlo...	5.818	4.848	168.9E6	73501364	49.165	44.695
9)	A Endosulfan I	6.209	5.224	150.9E6	68344746	49.379	45.465
10)	B gamma-Chl...	6.077	5.102	171.3E6	76240713	51.439	46.030
11)	B alpha-Chl...	6.158	5.167	167.1E6	75722922	50.278	45.618
12)	B 4,4'-DDE	6.332	5.360	148.1E6	67467776	49.558	46.256
13)	MA Dieldrin	6.488	5.493	160.7E6	74115758	49.545	45.634
14)	MA Endrin	6.720	5.773	133.5E6	65997329	48.819	45.786
15)	B Endosulfa...	6.942	6.070	146.2E6	65811222	51.047	45.769
16)	A 4,4'-DDD	6.856	5.923	124.9E6	57618490	49.062	46.266
17)	MA 4,4'-DDT	7.175	6.178	133.2E6	60496371	49.980	45.073
18)	B Endrin al...	7.071	6.252	108.0E6	51007527	51.722m	48.674
19)	B Endosulfa...	7.310	6.478	133.8E6	63307239	48.452	45.629
20)	A Methoxychlor	7.656	6.762	70164786	34362606	46.574	42.842
21)	B Endrin ke...	7.802	6.991	145.4E6	75601558	49.171	45.800
22)	Mirex	8.285	7.177	114.5E6	60829101	48.839	45.111

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031824\
Data File : PL088659.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2024 12:14
Operator : AR\AJ
Sample : PB159636BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB159636BS

Manual Integrations

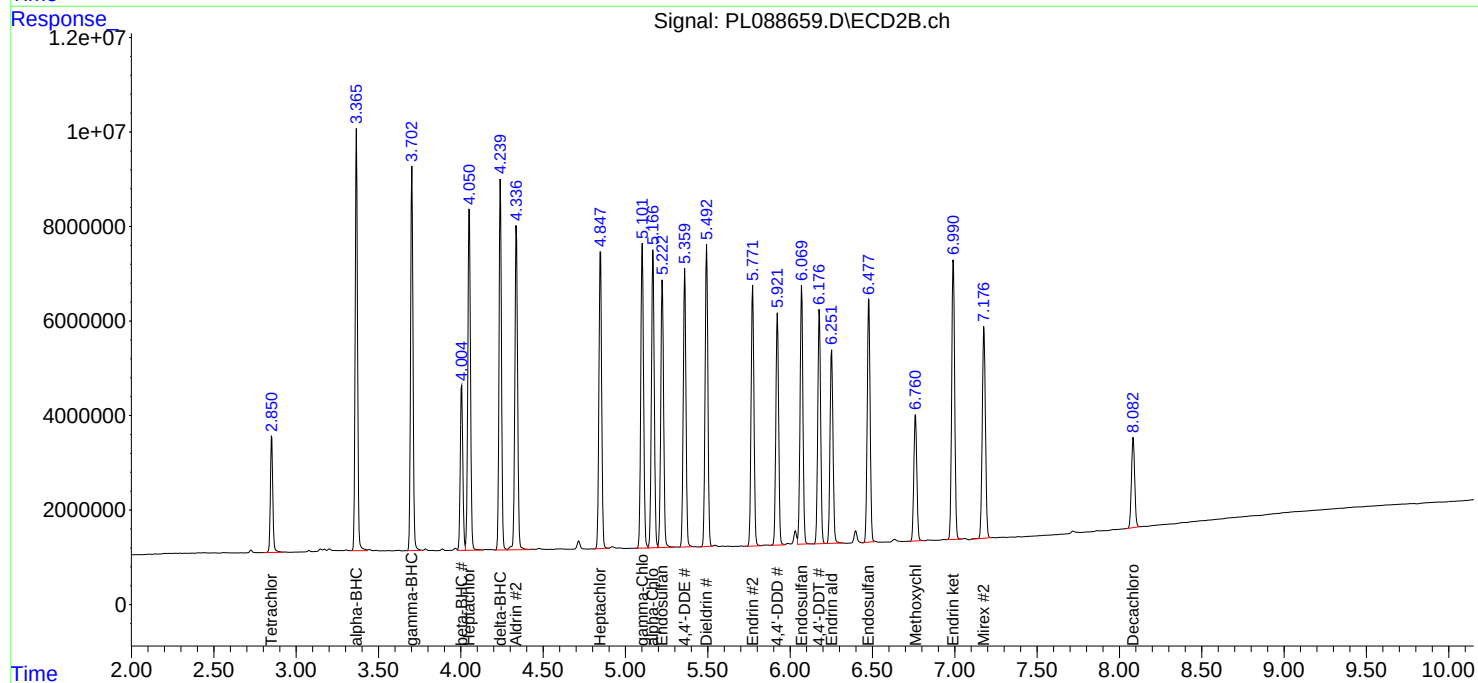
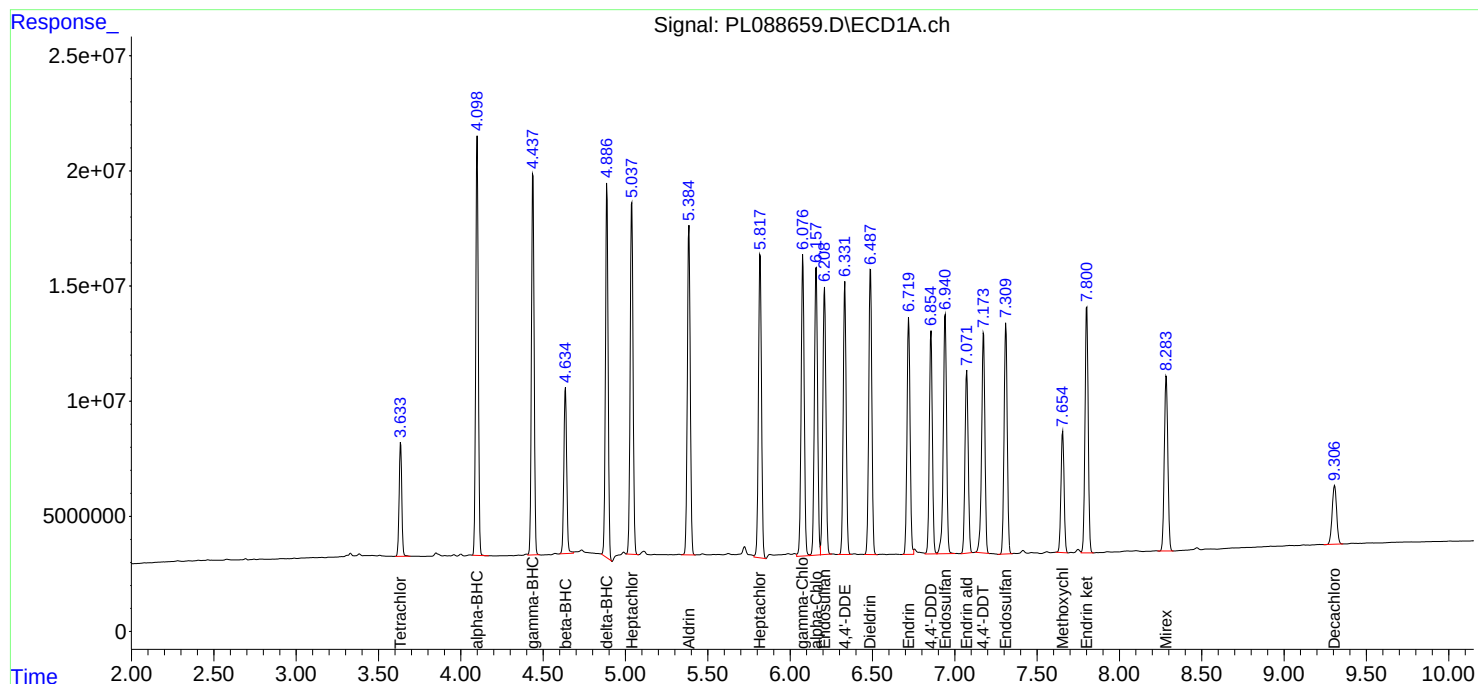
APPROVED

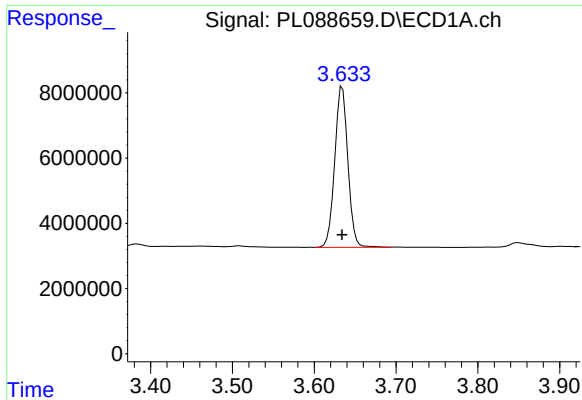
Reviewed By :Yogesh Patel 03/19/2024

Supervised By :mohammad ahmed 03/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 18 13:04:00 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
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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





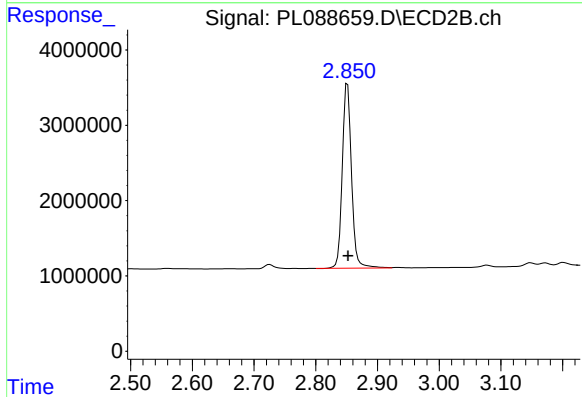
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 54951329
Conc: 20.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159636BS

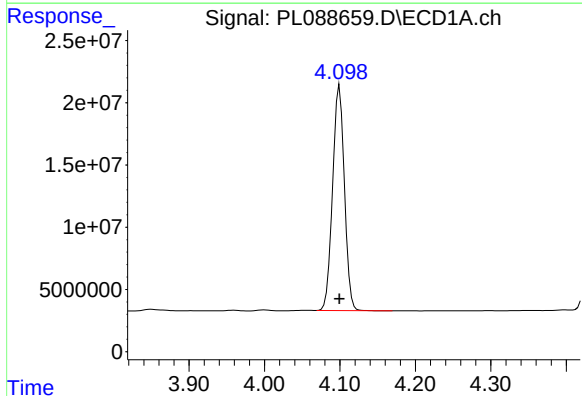
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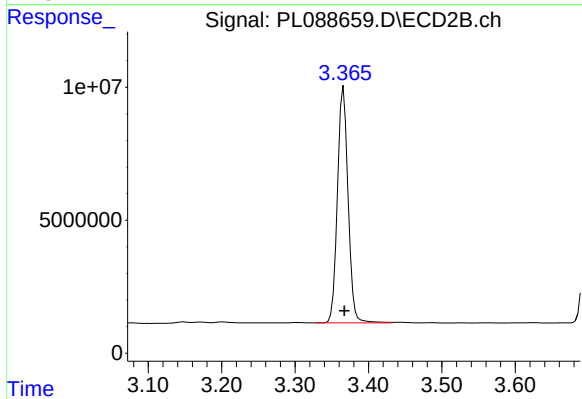
#1 Tetrachloro-m-xylene

R.T.: 2.851 min
Delta R.T.: 0.000 min
Response: 25443904
Conc: 19.09 ng/ml



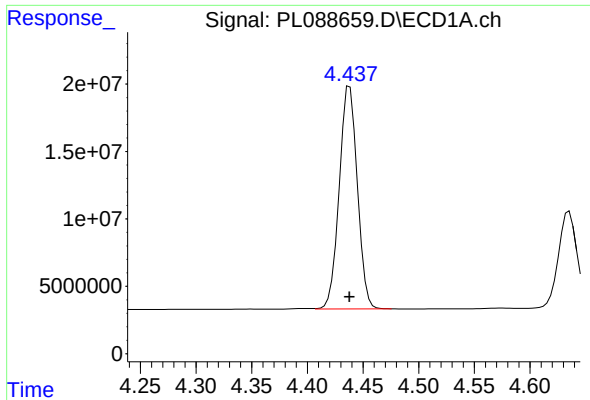
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 196956737
Conc: 49.34 ng/ml



#2 alpha-BHC

R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 89449410
Conc: 44.51 ng/ml



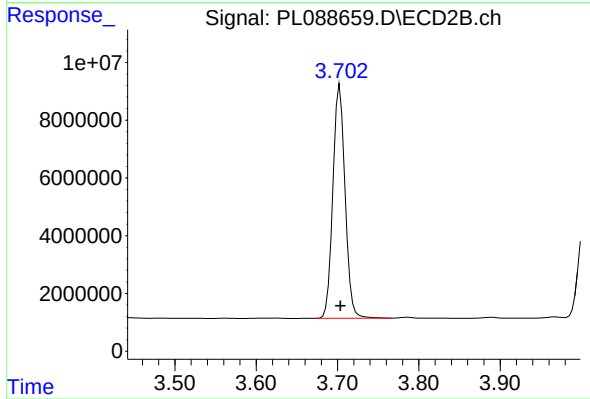
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 187071243
Conc: 48.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159636BS

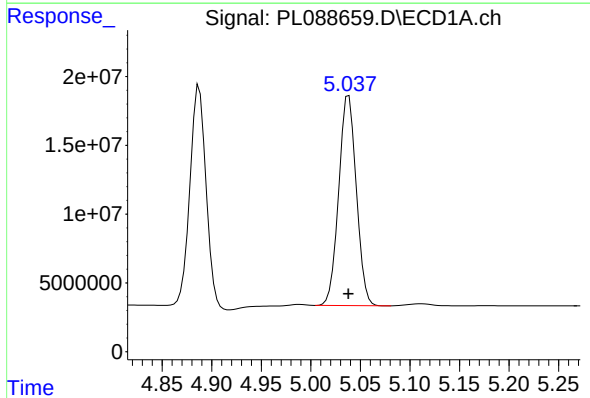
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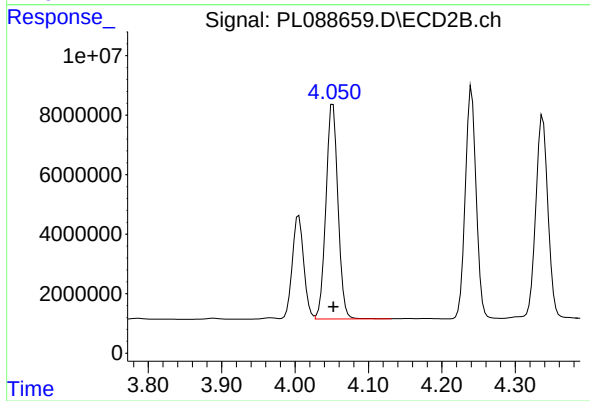
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 84380304
Conc: 43.97 ng/ml



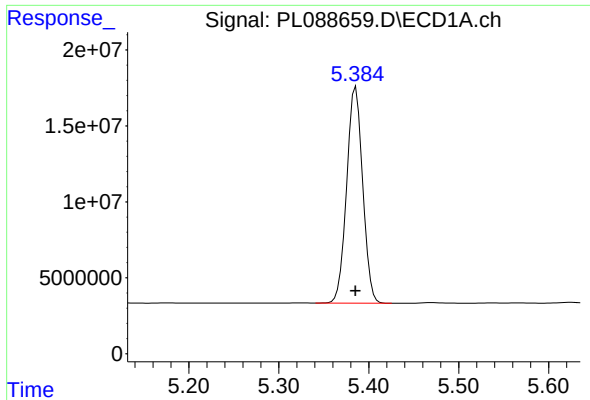
#4 Heptachlor

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 188651762
Conc: 49.68 ng/ml



#4 Heptachlor

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 82522061
Conc: 45.85 ng/ml



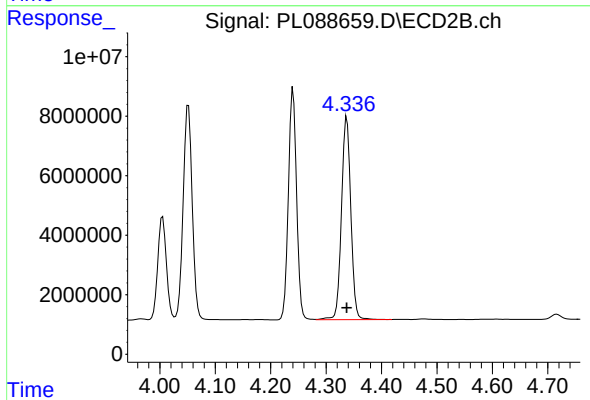
#5 Aldrin

R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 176353268
Conc: 48.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159636BS

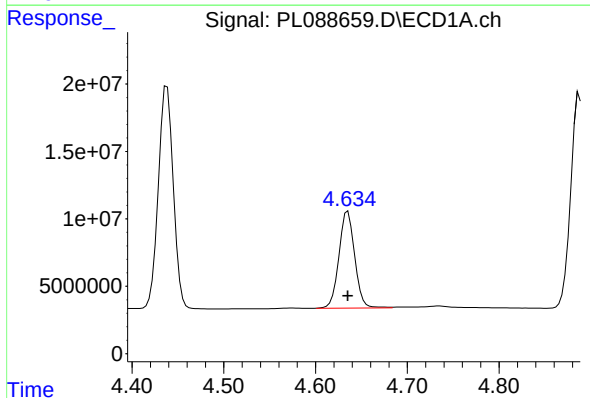
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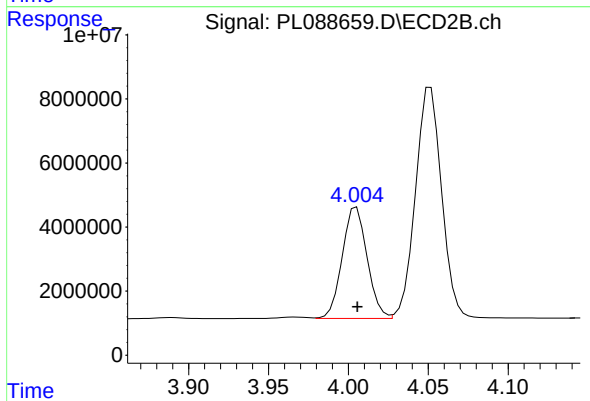
#5 Aldrin

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 79966225
Conc: 44.25 ng/ml



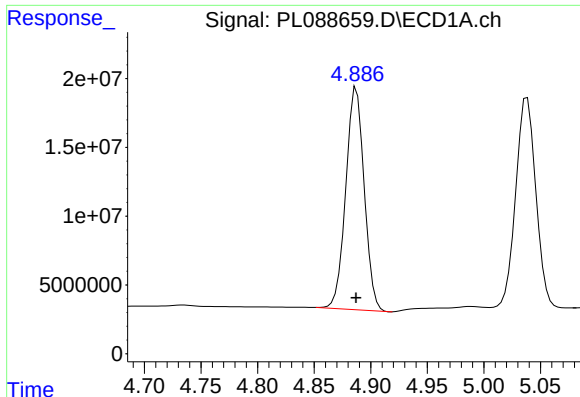
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 85679414
Conc: 48.31 ng/ml



#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 37700659
Conc: 43.98 ng/ml



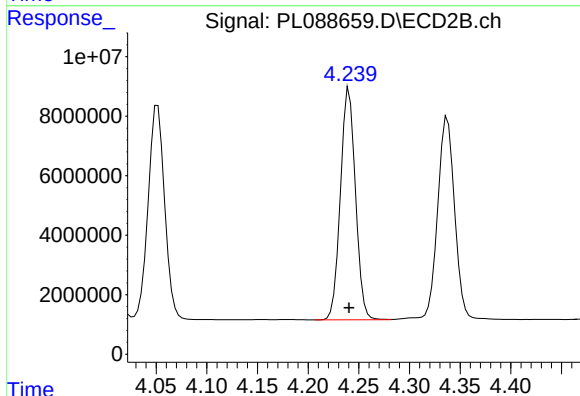
#7 delta-BHC

R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 183274201
Conc: 45.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159636BS

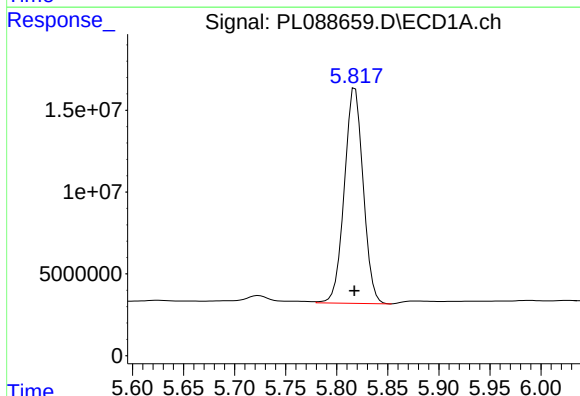
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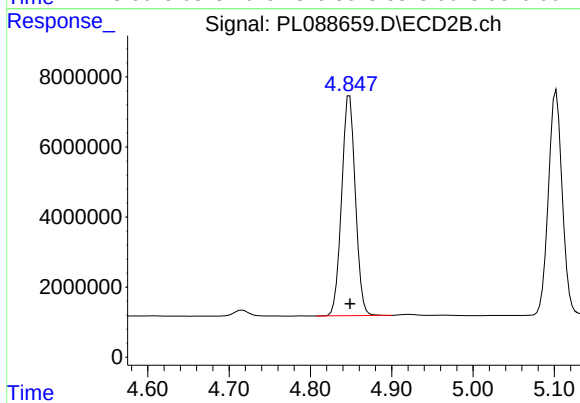
#7 delta-BHC

R.T.: 4.240 min
Delta R.T.: 0.000 min
Response: 80327420
Conc: 41.99 ng/ml



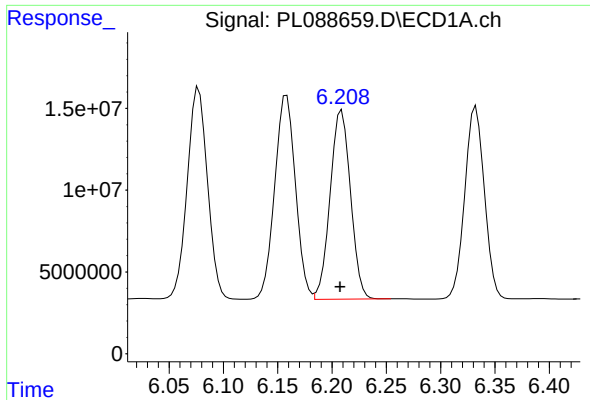
#8 Heptachlor epoxide

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 168880839
Conc: 49.16 ng/ml



#8 Heptachlor epoxide

R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 73501364
Conc: 44.70 ng/ml



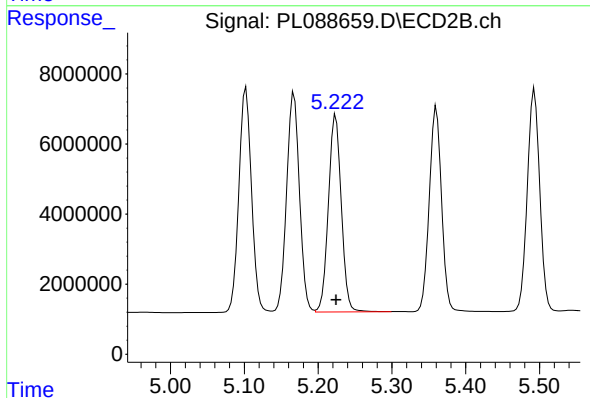
#9 Endosulfan I

R.T.: 6.209 min
Delta R.T.: 0.001 min
Response: 150926260
Conc: 49.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159636BS

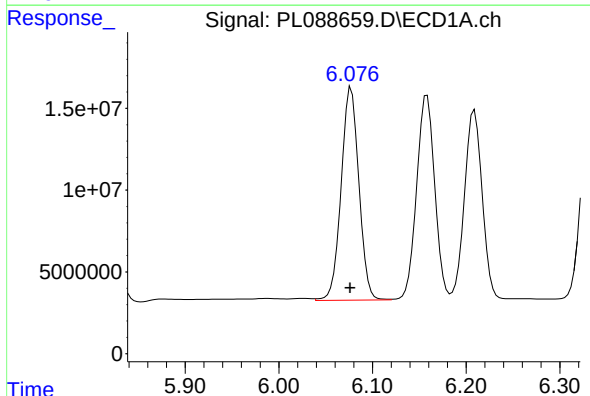
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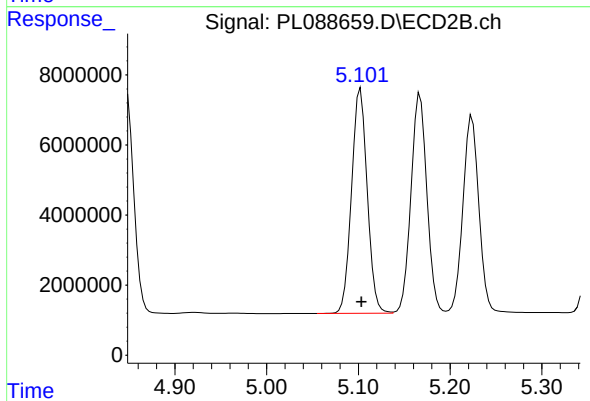
#9 Endosulfan I

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 68344746
Conc: 45.46 ng/ml



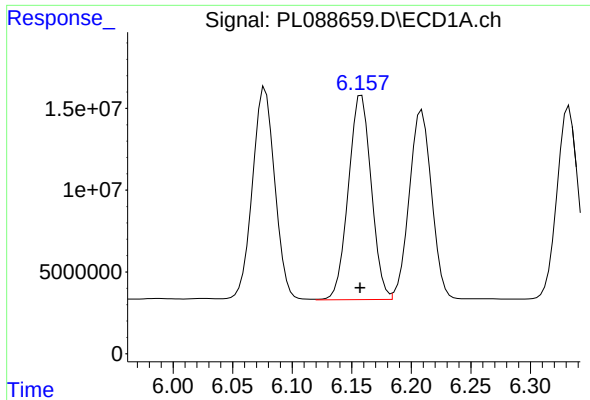
#10 gamma-Chlordane

R.T.: 6.077 min
Delta R.T.: 0.001 min
Response: 171334811
Conc: 51.44 ng/ml



#10 gamma-Chlordane

R.T.: 5.102 min
Delta R.T.: -0.001 min
Response: 76240713
Conc: 46.03 ng/ml



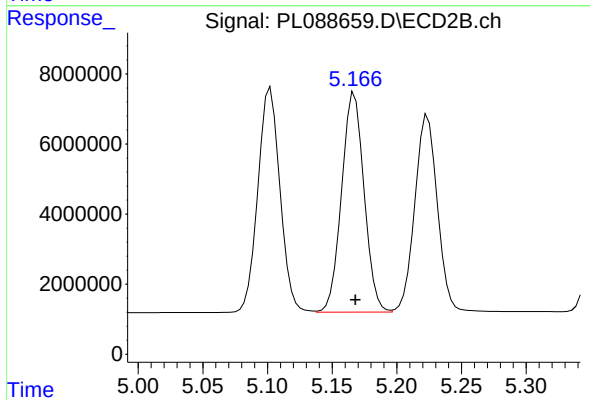
#11 alpha-Chlordane

R.T.: 6.158 min
Delta R.T.: 0.001 min
Response: 167125730
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159636BS

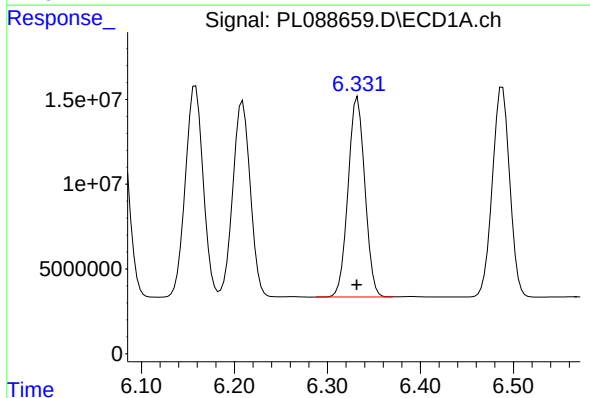
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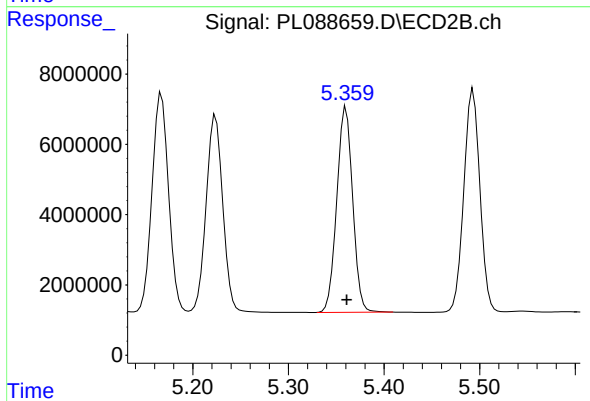
#11 alpha-Chlordane

R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 75722922
Conc: 45.62 ng/ml



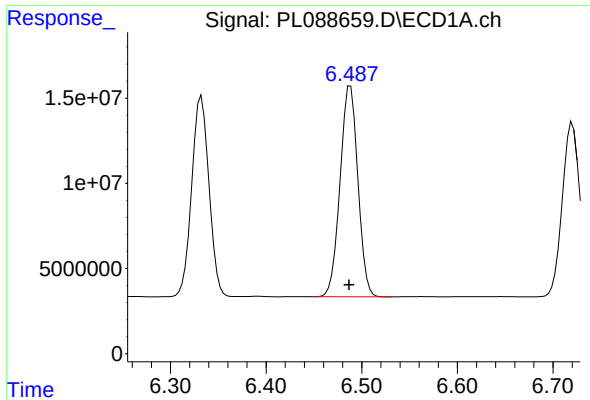
#12 4,4'-DDE

R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 148064850
Conc: 49.56 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 67467776
Conc: 46.26 ng/ml



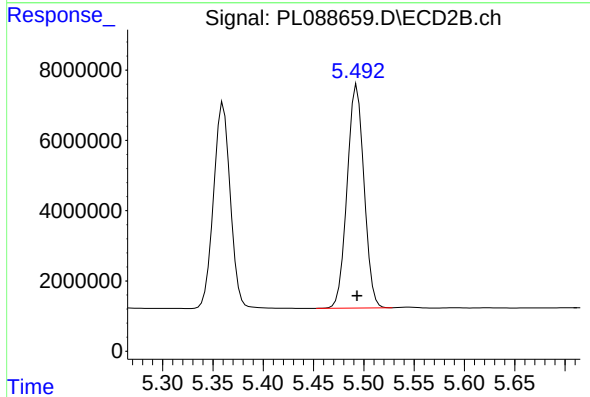
#13 Dieldrin

R.T.: 6.488 min
Delta R.T.: 0.001 min
Response: 160658991
Conc: 49.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159636BS

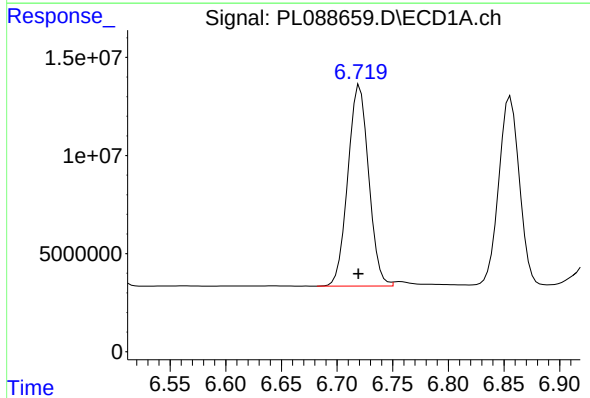
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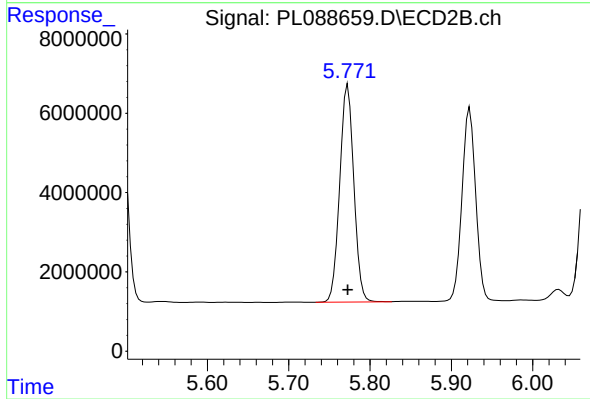
#13 Dieldrin

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 74115758
Conc: 45.63 ng/ml



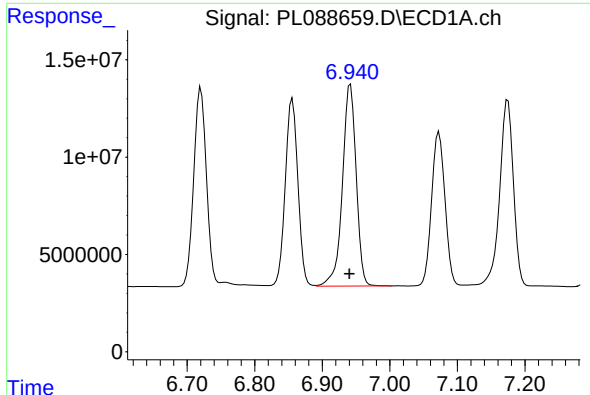
#14 Endrin

R.T.: 6.720 min
Delta R.T.: 0.001 min
Response: 133457519
Conc: 48.82 ng/ml



#14 Endrin

R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 65997329
Conc: 45.79 ng/ml



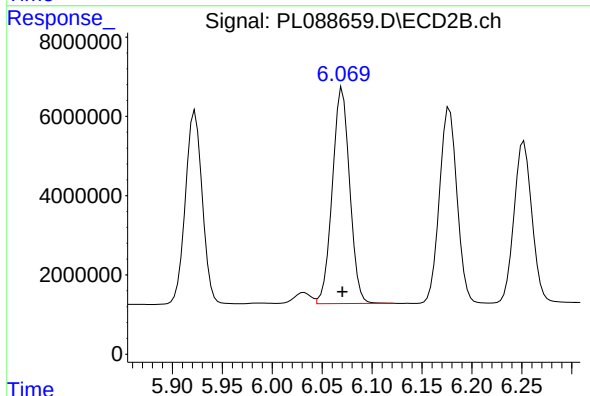
#15 Endosulfan II

R.T.: 6.942 min
Delta R.T.: 0.002 min
Response: 146209401
Conc: 51.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159636BS

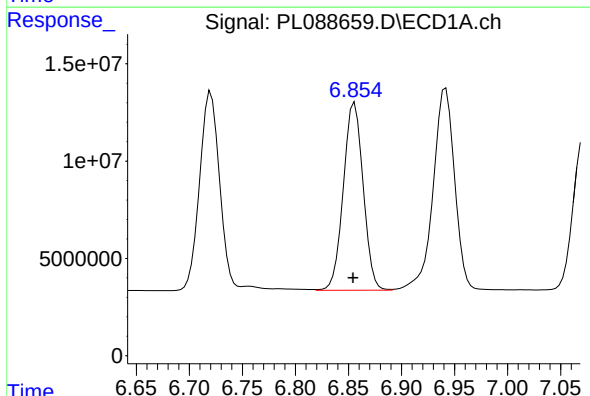
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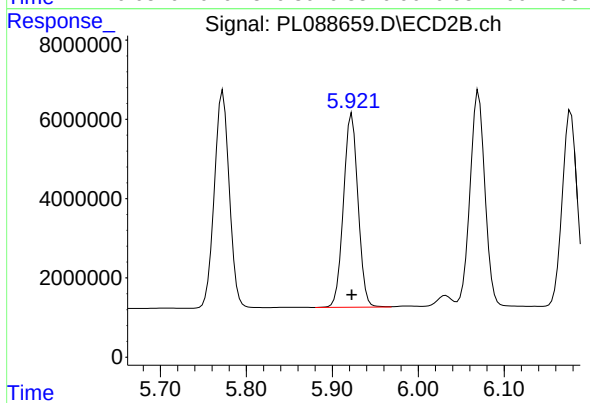
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 65811222
Conc: 45.77 ng/ml



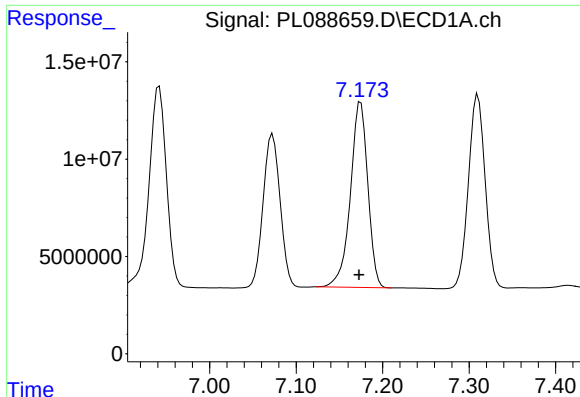
#16 4,4'-DDD

R.T.: 6.856 min
Delta R.T.: 0.002 min
Response: 124948988
Conc: 49.06 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 57618490
Conc: 46.27 ng/ml



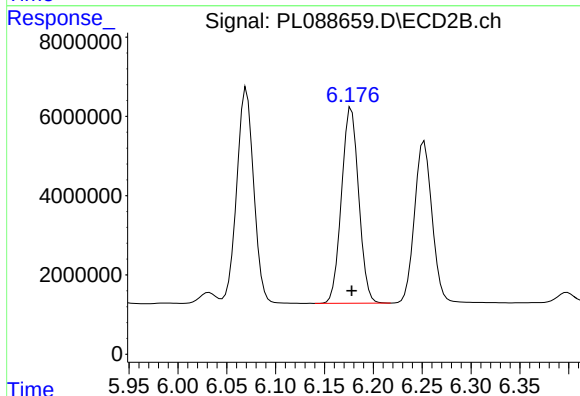
#17 4,4'-DDT

R.T.: 7.175 min
Delta R.T.: 0.002 min
Response: 133220438
Conc: 49.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159636BS

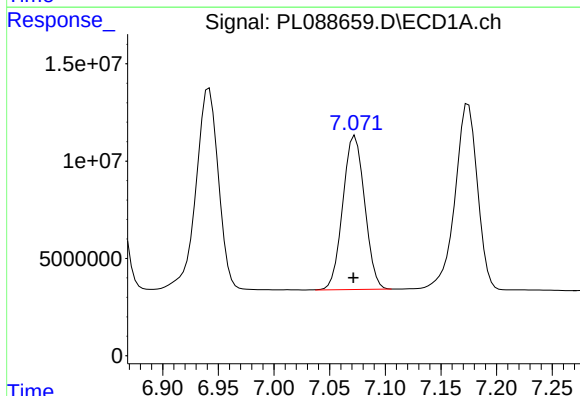
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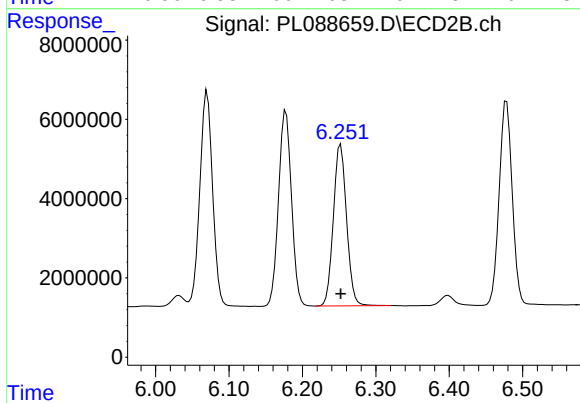
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 60496371
Conc: 45.07 ng/ml



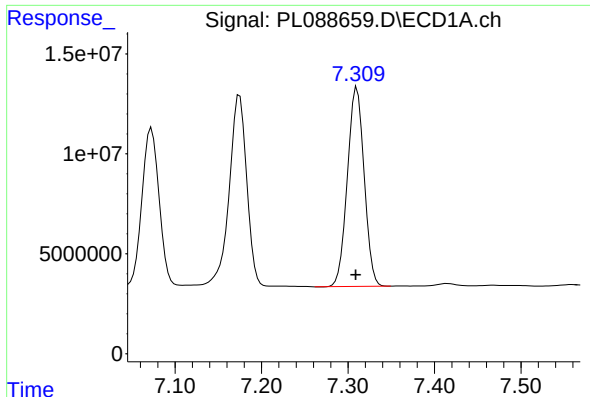
#18 Endrin aldehyde

R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 107986419
Conc: 51.72 ng/ml m



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 51007527
Conc: 48.67 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.310 min
Delta R.T.: 0.001 min
Response: 133789579
Conc: 48.45 ng/ml

Instrument :

ECD_L

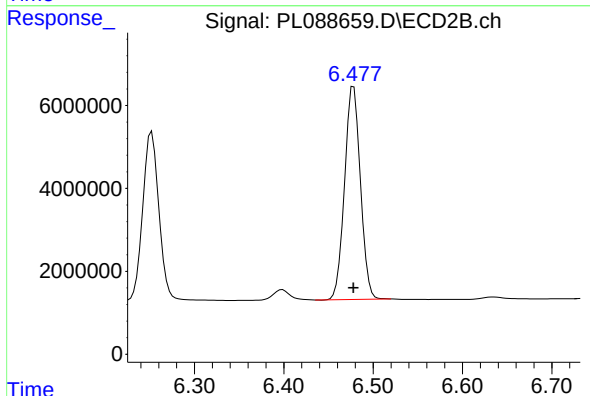
ClientSampleId :

PB159636BS

Manual Integrations

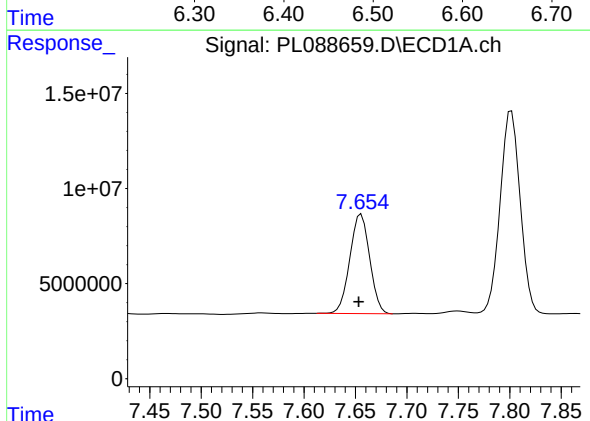
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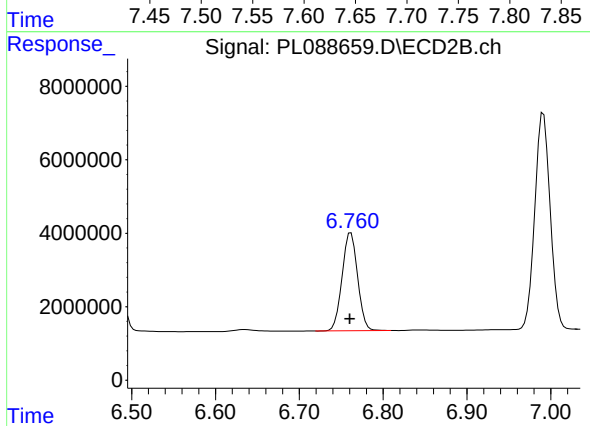
#19 Endosulfan Sulfate

R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 63307239
Conc: 45.63 ng/ml



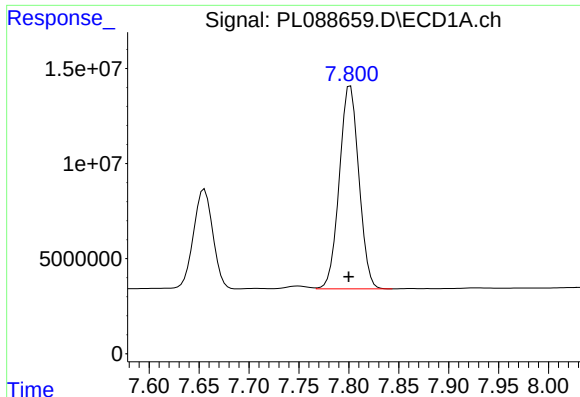
#20 Methoxychlor

R.T.: 7.656 min
Delta R.T.: 0.002 min
Response: 70164786
Conc: 46.57 ng/ml



#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: 0.001 min
Response: 34362606
Conc: 42.84 ng/ml



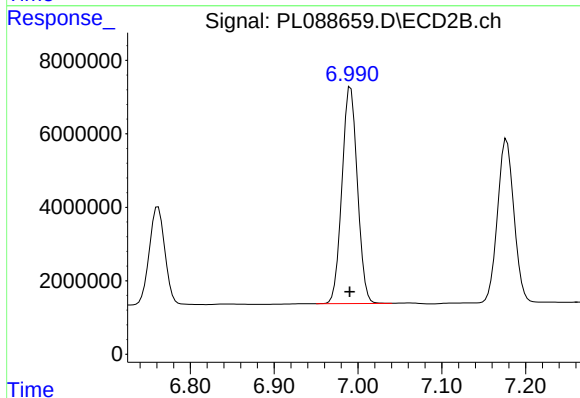
#21 Endrin ketone

R.T.: 7.802 min
Delta R.T.: 0.002 min
Response: 145370161
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159636BS

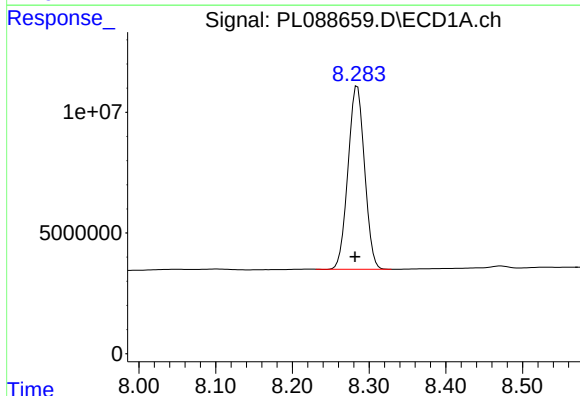
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Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



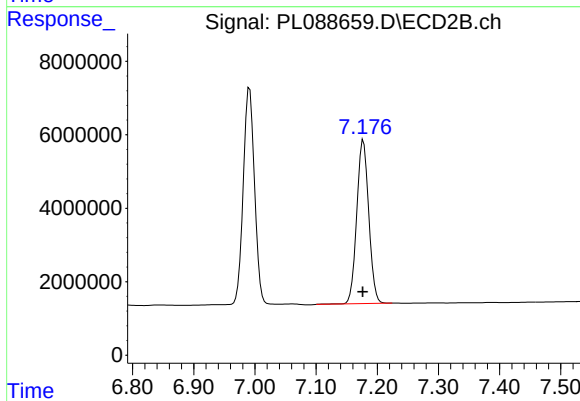
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: 0.000 min
Response: 75601558
Conc: 45.80 ng/ml



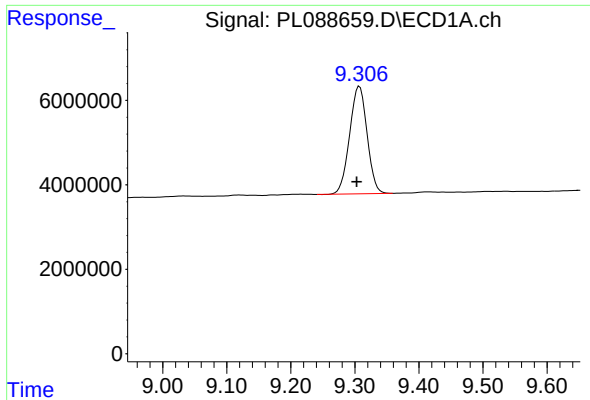
#22 Mirex

R.T.: 8.285 min
Delta R.T.: 0.003 min
Response: 114502227
Conc: 48.84 ng/ml



#22 Mirex

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 60829101
Conc: 45.11 ng/ml



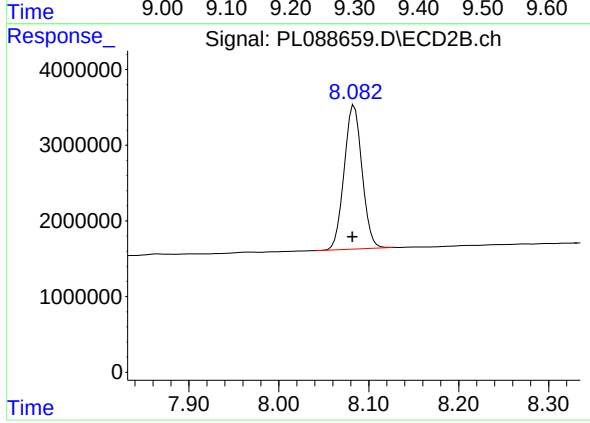
#28 Decachlorobiphenyl

R.T.: 9.307 min
Delta R.T.: 0.005 min
Response: 48206576
Conc: 19.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159636BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#28 Decachlorobiphenyl

R.T.: 8.084 min
Delta R.T.: 0.002 min
Response: 26307405
Conc: 19.40 ng/ml