

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062023\
 Data File : PL083577.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 13:54
 Operator : AR\AJ
 Sample : 03302-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SB-4MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/27/2023
 Supervised By :Ankita Jodhani 06/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 22:33:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 17 12:34:26 2023
 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...	3.451	2.753	41554034	43539468	18.800m	18.692
28)	SA Decachlor...	8.989	7.960	37106815	51878102	19.473	21.122
Target Compounds							
2)	A alpha-BHC	3.909	3.263	136.7E6	158.0E6	43.895	46.792
3)	MA gamma-BHC...	4.242	3.596	129.6E6	156.5E6	45.459	48.749
4)	MA Heptachlor	4.834	3.942	129.4E6	152.4E6	46.814	49.223
5)	MB Aldrin	5.176	4.225	122.3E6	148.2E6	47.049	49.224
6)	B beta-BHC	4.441	3.897	61059383	70578823	47.195	47.292
7)	B delta-BHC	4.687	4.129	89781166	109.6E6	32.573	33.988
8)	B Heptachlo...	5.605	4.732	115.5E6	142.7E6	45.501	49.697m
9)	A Endosulfan I	5.990	5.106	108.3E6	134.3E6	48.601	49.846
10)	B gamma-Chl...	5.862	4.988	116.5E6	146.0E6	48.427	49.335
11)	B alpha-Chl...	5.942	5.053	115.4E6	145.7E6	48.734	49.238
12)	B 4,4'-DDE	6.121	5.249	102.8E6	134.0E6	50.936	52.471
13)	MA Dieldrin	6.267	5.374	110.8E6	142.4E6	49.334	50.773
14)	MA Endrin	6.496	5.650	94358059	123.7E6	53.465	53.612
15)	B Endosulfa...	6.716	5.947	92732329	121.4E6	49.683	51.147
16)	A 4,4'-DDD	6.638	5.808	91852037	115.4E6	53.796	52.326
17)	MA 4,4'-DDT	6.953	6.062	85519122	105.7E6	50.794	50.627
18)	B Endrin al...	6.845	6.129	76076659	94223536	51.320m	49.854
19)	B Endosulfa...	7.082	6.354	93812219	117.1E6	48.850	48.345
20)	A Methoxychlor	7.435	6.647	47941946	60757898	52.854	50.414
21)	B Endrin ke...	7.566	6.861	105.3E6	135.7E6	49.132	48.258
22)	Mirex	8.042	7.047	88774842	133.9E6	47.564	55.659

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062023\
Data File : PL083577.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2023 13:54
Operator : AR\AJ
Sample : 03302-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

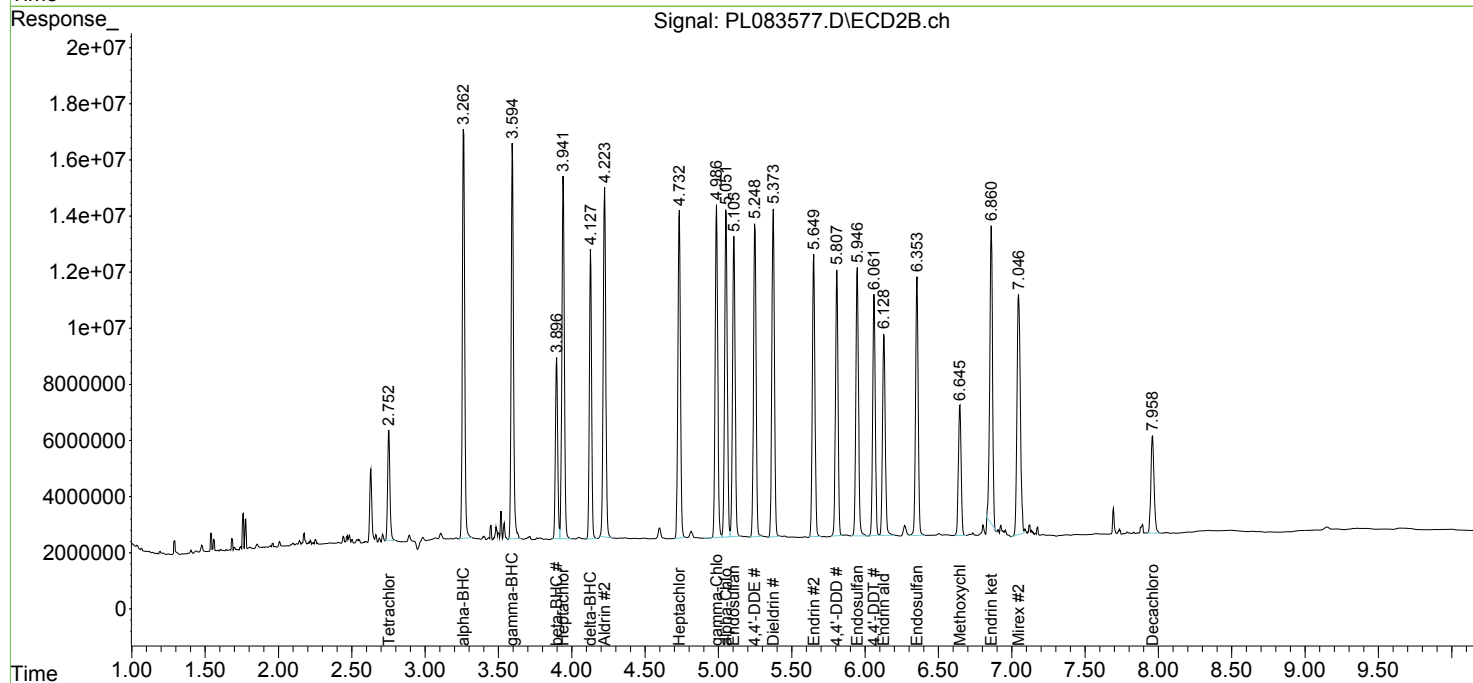
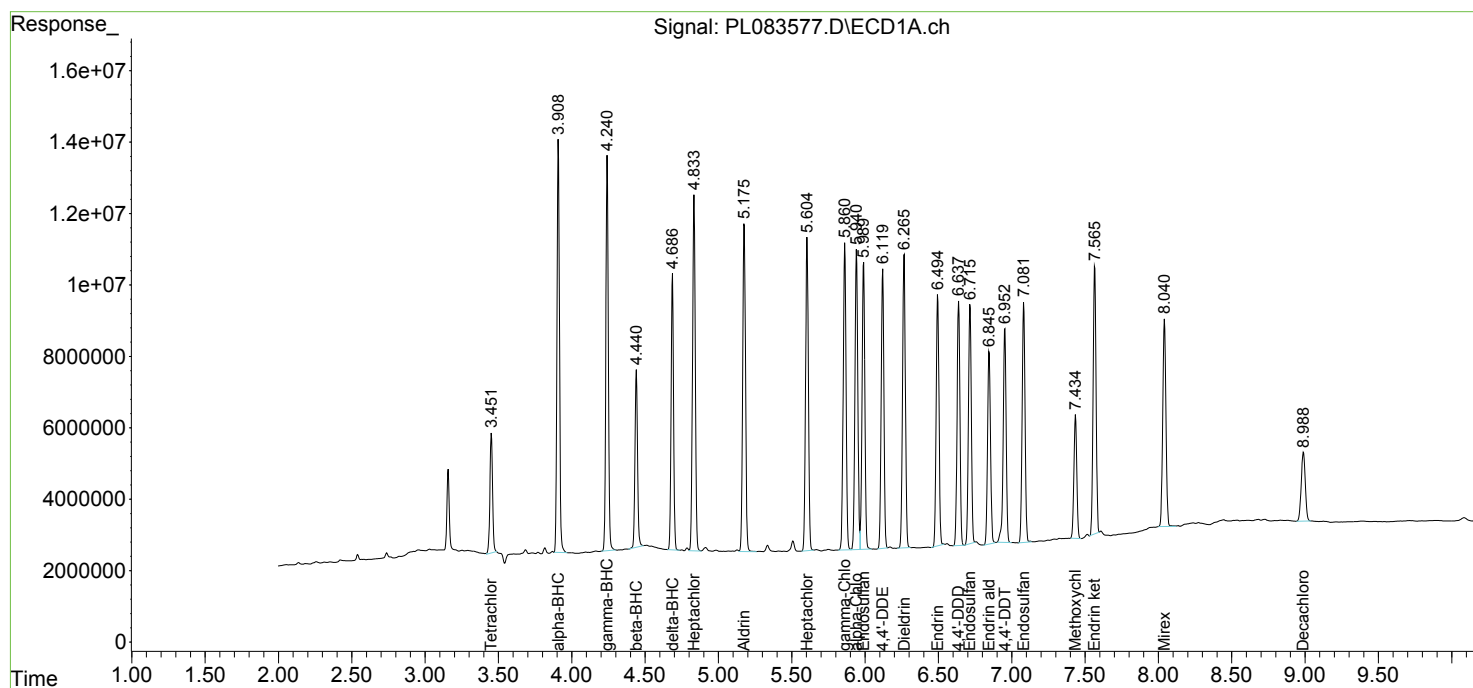
Instrument :
ECD_L
ClientSampleId :
SB-4MS

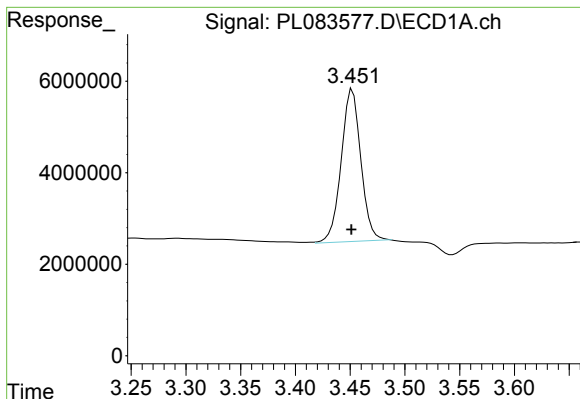
Manual Integrations
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Reviewed By : Abdul Mirza 06/27/2023
Supervised By : Ankita Jodhani 06/27/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 22:33:38 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
Quant Title : GC Extractables
QLast Update : Sat Jun 17 12:34:26 2023
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





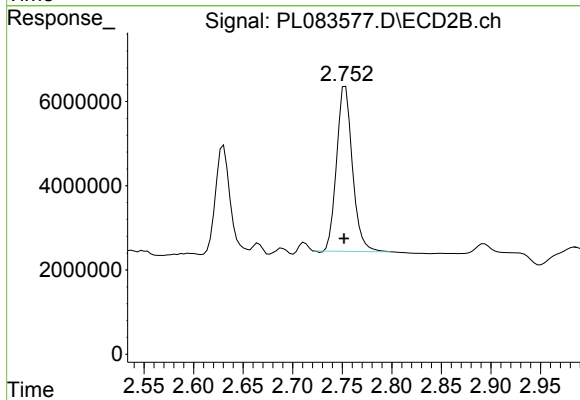
#1 Tetrachloro-m-xylene

R.T.: 3.451 min
Delta R.T.: 0.000 min
Response: 41554034
Conc: 18.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-4MS

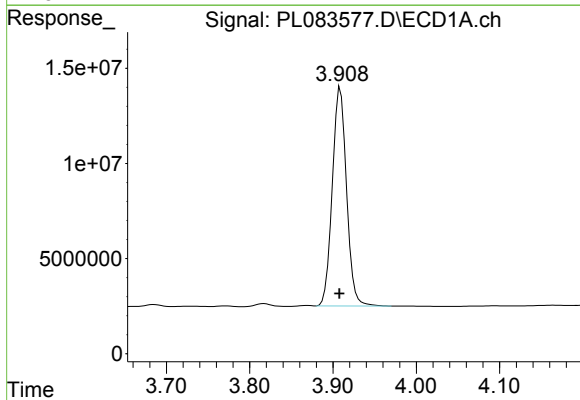
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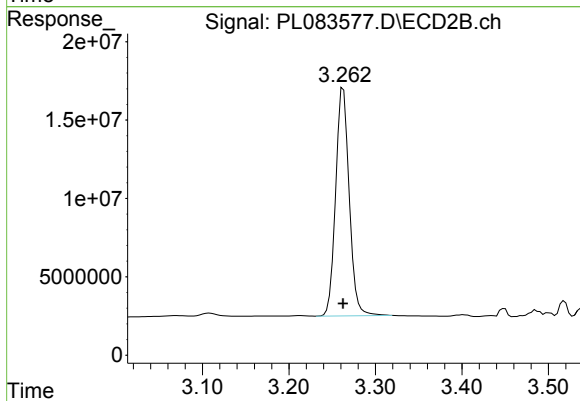
#1 Tetrachloro-m-xylene

R.T.: 2.753 min
Delta R.T.: 0.001 min
Response: 43539468
Conc: 18.69 ng/ml



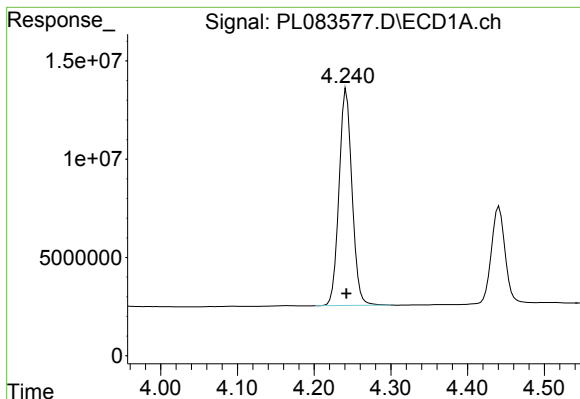
#2 alpha-BHC

R.T.: 3.909 min
Delta R.T.: 0.001 min
Response: 136663892
Conc: 43.90 ng/ml



#2 alpha-BHC

R.T.: 3.263 min
Delta R.T.: 0.000 min
Response: 157952555
Conc: 46.79 ng/ml



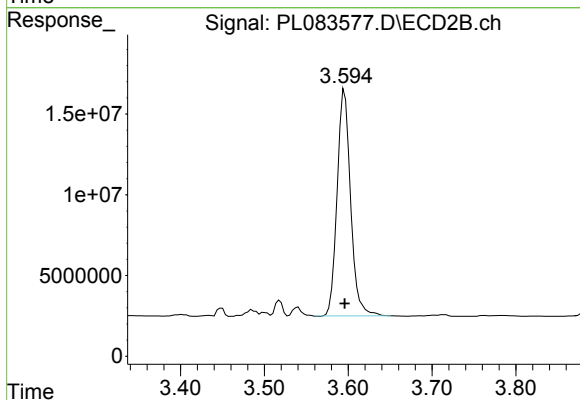
#3 gamma-BHC (Lindane)

R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 129592313
Conc: 45.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-4MS

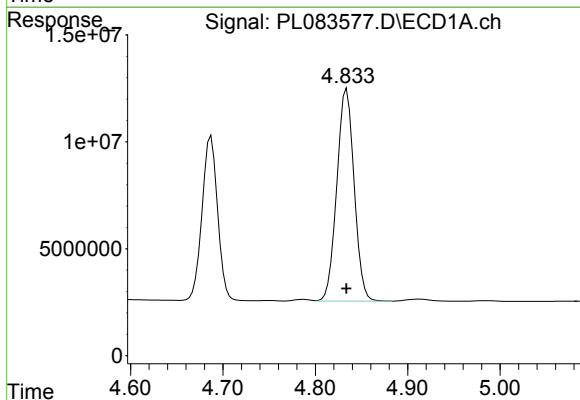
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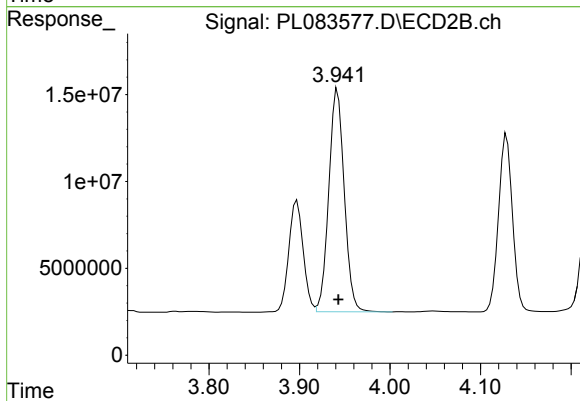
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: 0.000 min
Response: 156515205
Conc: 48.75 ng/ml



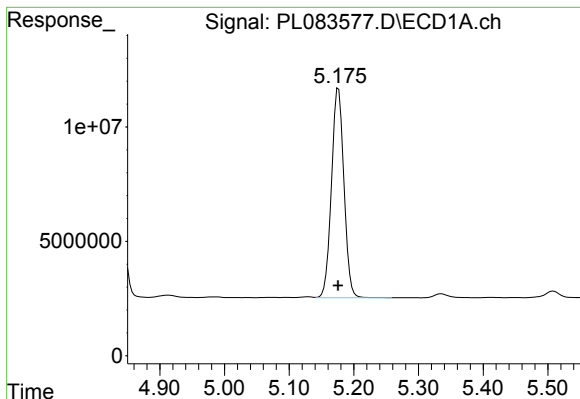
#4 Heptachlor

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 129436681
Conc: 46.81 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 152377882
Conc: 49.22 ng/ml



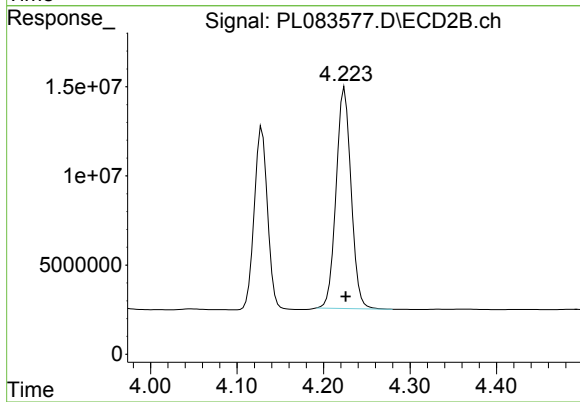
#5 Aldrin

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 122273038
Conc: 47.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-4MS

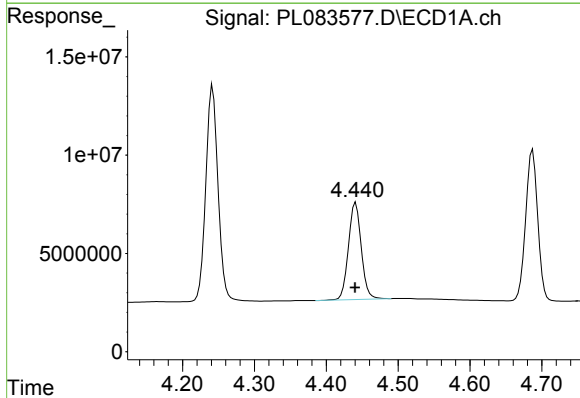
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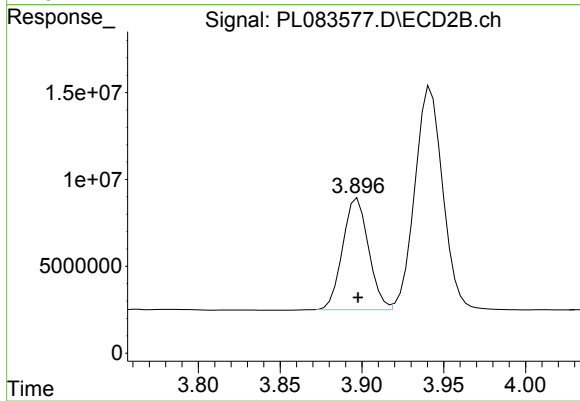
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: -0.001 min
Response: 148193624
Conc: 49.22 ng/ml



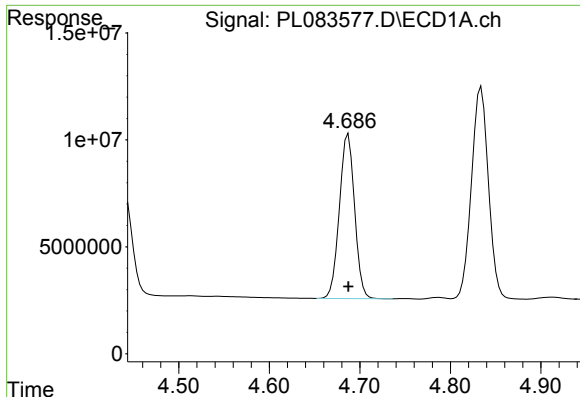
#6 beta-BHC

R.T.: 4.441 min
Delta R.T.: 0.000 min
Response: 61059383
Conc: 47.19 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 70578823
Conc: 47.29 ng/ml



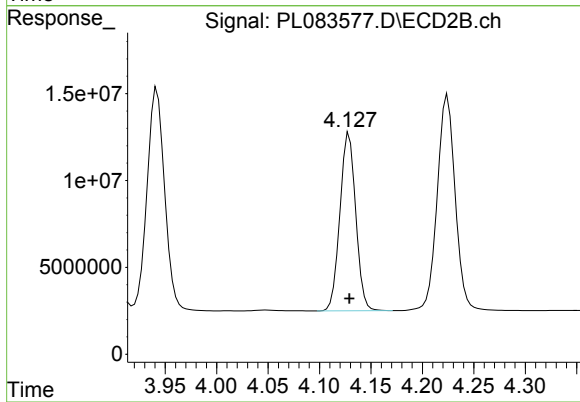
#7 delta-BHC

R.T.: 4.687 min
Delta R.T.: 0.000 min
Response: 89781166
Conc: 32.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-4MS

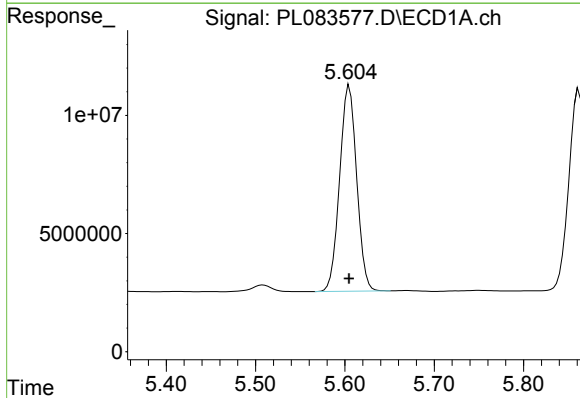
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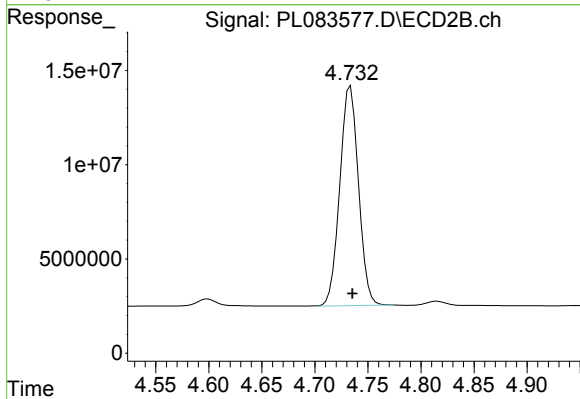
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 109551213
Conc: 33.99 ng/ml



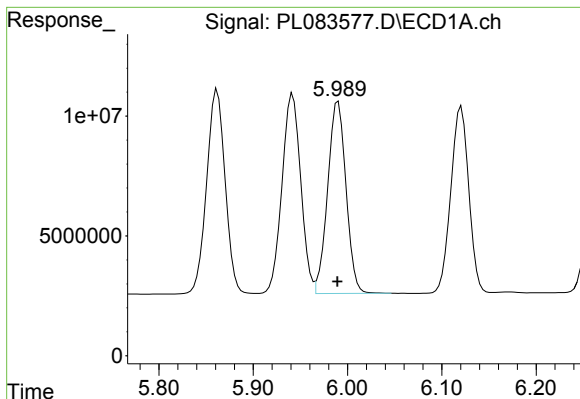
#8 Heptachlor epoxide

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 115497941
Conc: 45.50 ng/ml



#8 Heptachlor epoxide

R.T.: 4.732 min
Delta R.T.: -0.003 min
Response: 142651889
Conc: 49.70 ng/ml m



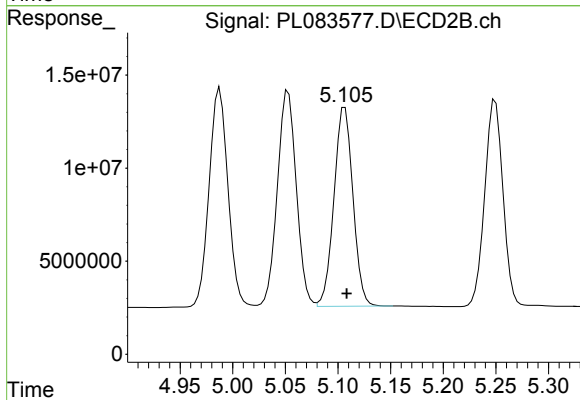
#9 Endosulfan I

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 108294457
Conc: 48.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-4MS

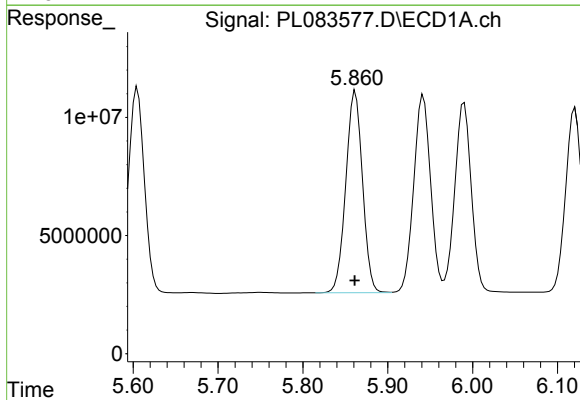
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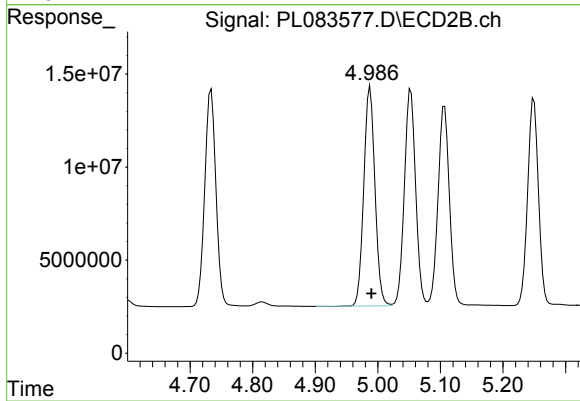
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 134337511
Conc: 49.85 ng/ml



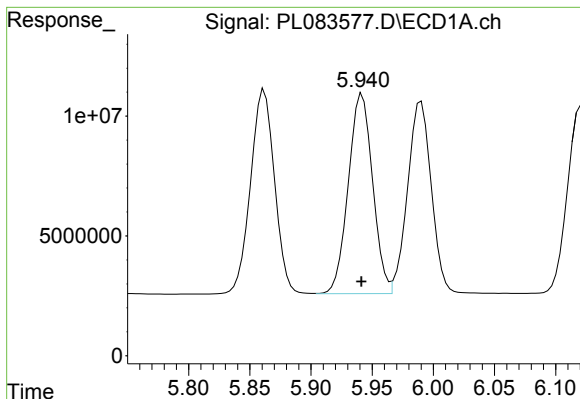
#10 gamma-Chlordane

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 116498651
Conc: 48.43 ng/ml



#10 gamma-Chlordane

R.T.: 4.988 min
Delta R.T.: -0.002 min
Response: 145968563
Conc: 49.33 ng/ml



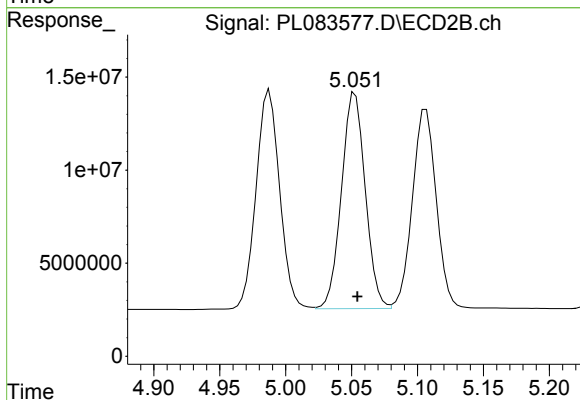
#11 alpha-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 115435927
Conc: 48.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-4MS

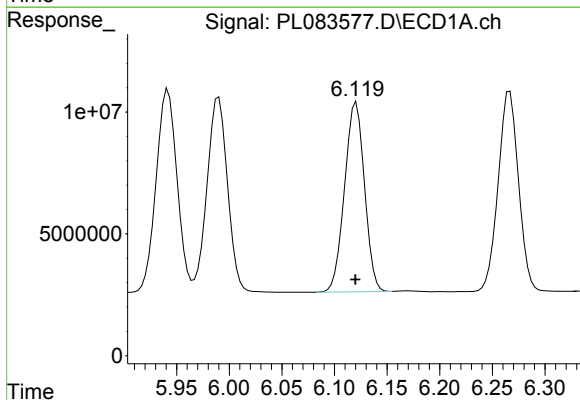
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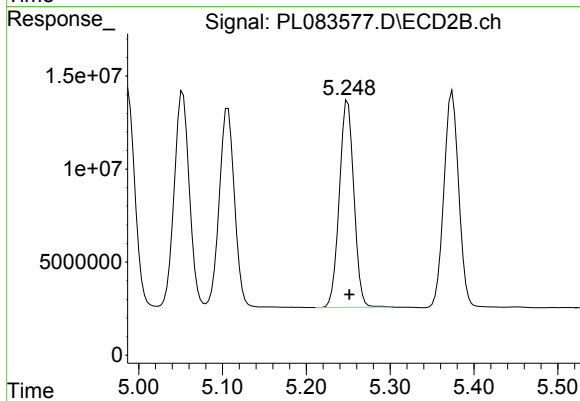
#11 alpha-Chlordane

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 145659998
Conc: 49.24 ng/ml



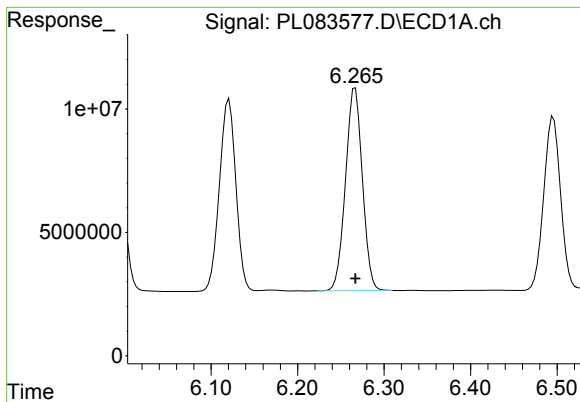
#12 4,4'-DDE

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 102823462
Conc: 50.94 ng/ml



#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 134044152
Conc: 52.47 ng/ml



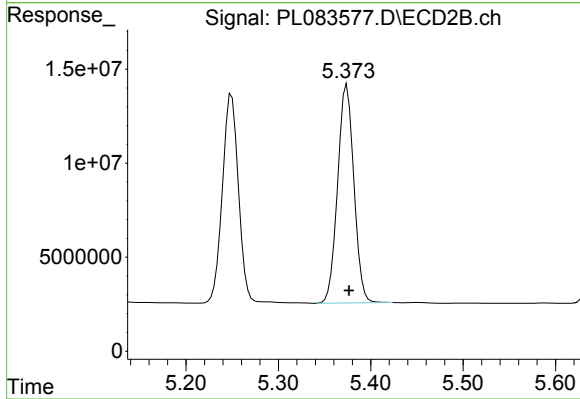
#13 Dieldrin

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 110777060
Conc: 49.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-4MS

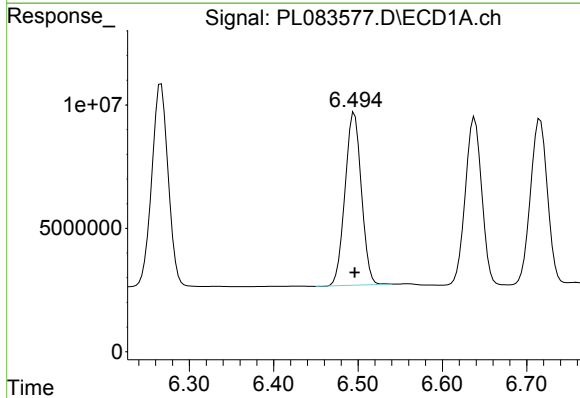
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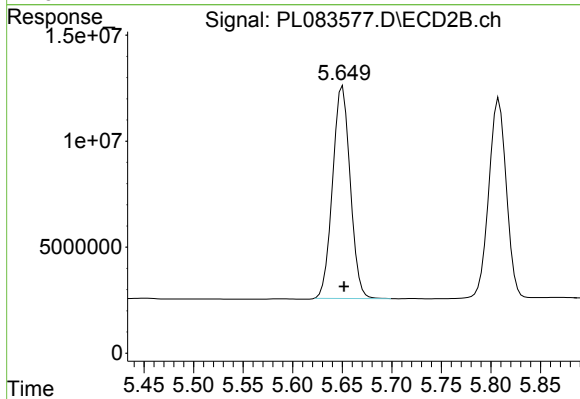
#13 Dieldrin

R.T.: 5.374 min
Delta R.T.: -0.002 min
Response: 142378602
Conc: 50.77 ng/ml



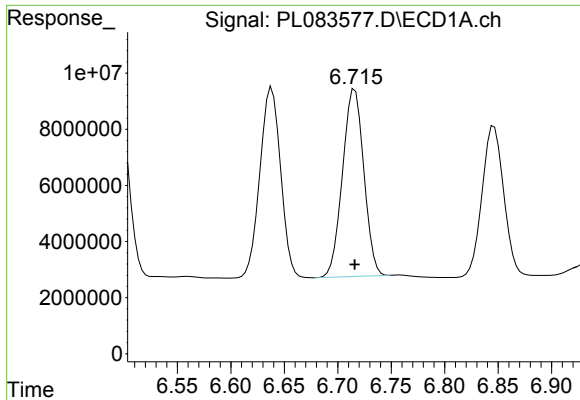
#14 Endrin

R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 94358059
Conc: 53.46 ng/ml



#14 Endrin

R.T.: 5.650 min
Delta R.T.: -0.002 min
Response: 123742361
Conc: 53.61 ng/ml



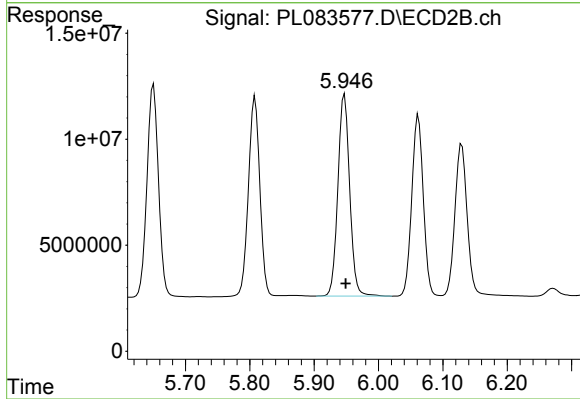
#15 Endosulfan II

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 92732329
Conc: 49.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-4MS

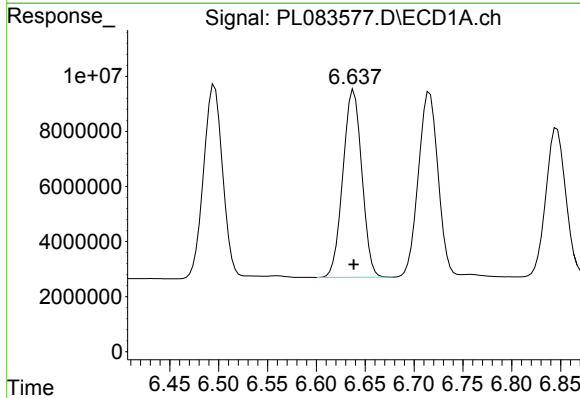
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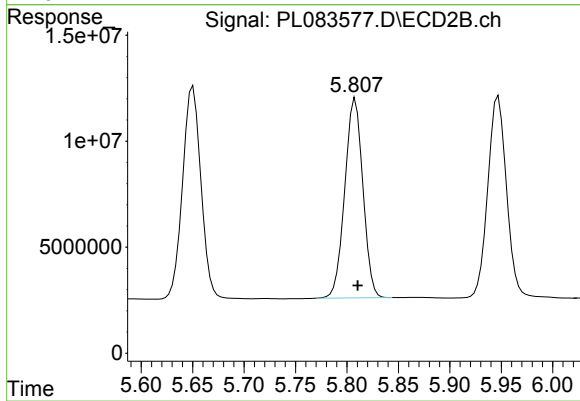
#15 Endosulfan II

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 121408068
Conc: 51.15 ng/ml



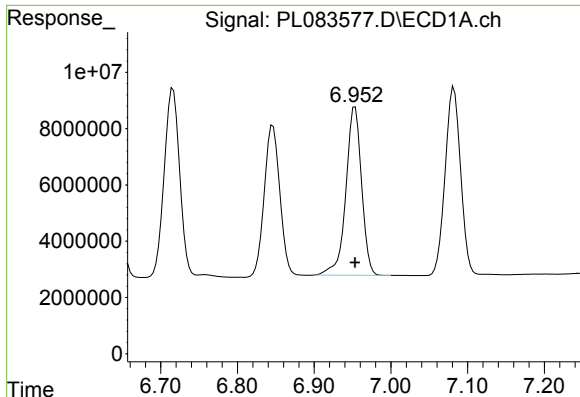
#16 4,4'-DDD

R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 91852037
Conc: 53.80 ng/ml



#16 4,4'-DDD

R.T.: 5.808 min
Delta R.T.: -0.002 min
Response: 115386295
Conc: 52.33 ng/ml



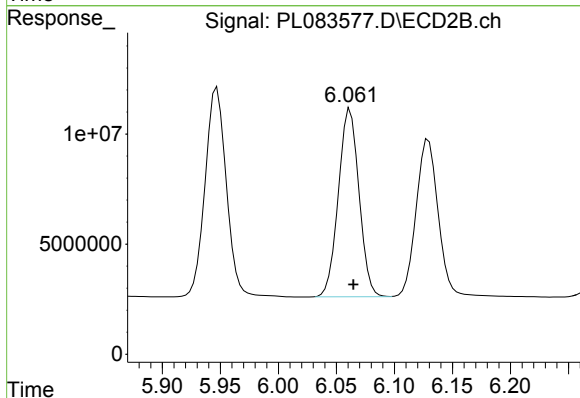
#17 4,4'-DDT

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 85519122
Conc: 50.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-4MS

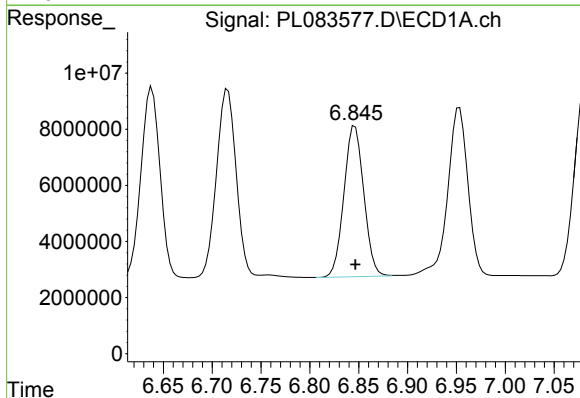
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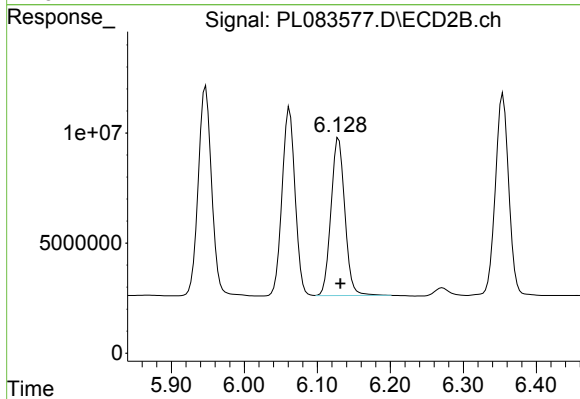
#17 4,4'-DDT

R.T.: 6.062 min
Delta R.T.: -0.002 min
Response: 105700270
Conc: 50.63 ng/ml



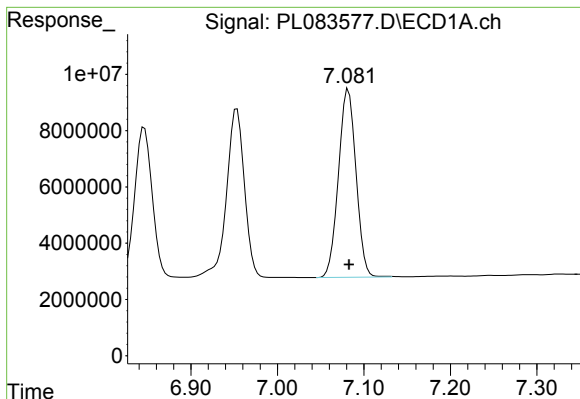
#18 Endrin aldehyde

R.T.: 6.845 min
Delta R.T.: -0.002 min
Response: 76076659
Conc: 51.32 ng/ml m



#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 94223536
Conc: 49.85 ng/ml



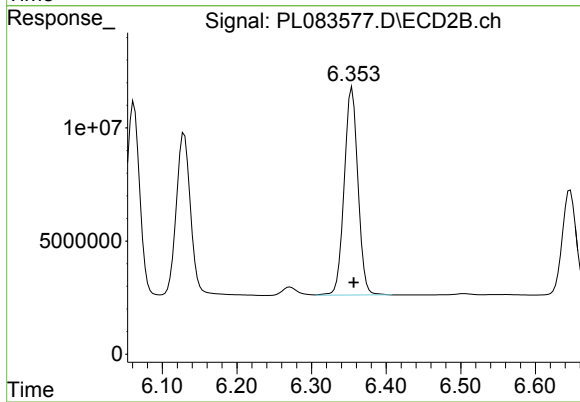
#19 Endosulfan Sulfate

R.T.: 7.082 min
Delta R.T.: 0.000 min
Response: 93812219
Conc: 48.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-4MS

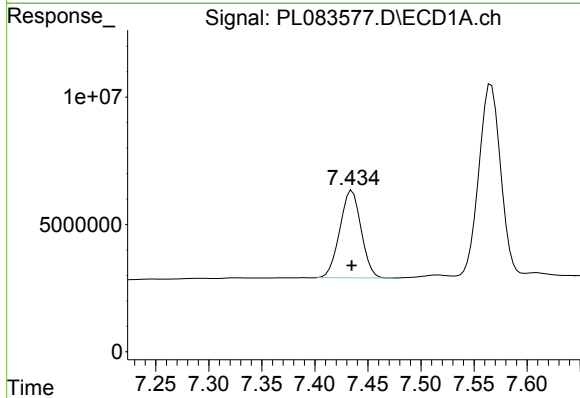
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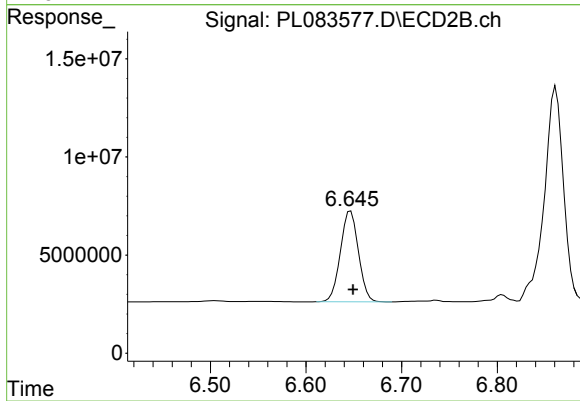
#19 Endosulfan Sulfate

R.T.: 6.354 min
Delta R.T.: -0.002 min
Response: 117075258
Conc: 48.34 ng/ml



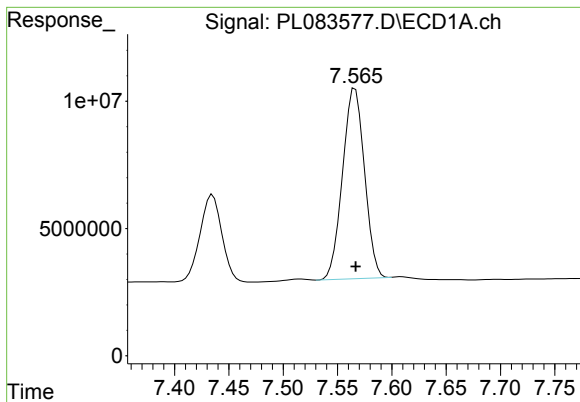
#20 Methoxychlor

R.T.: 7.435 min
Delta R.T.: 0.000 min
Response: 47941946
Conc: 52.85 ng/ml



#20 Methoxychlor

R.T.: 6.647 min
Delta R.T.: -0.002 min
Response: 60757898
Conc: 50.41 ng/ml



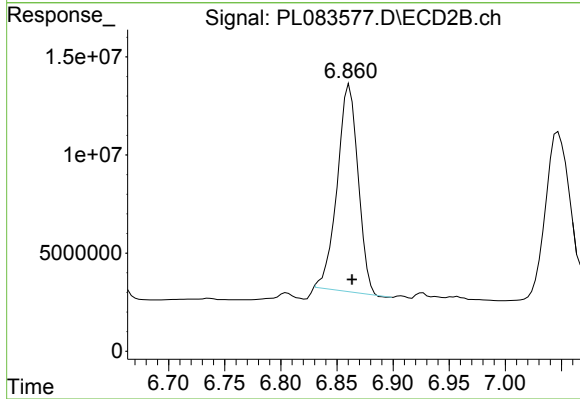
#21 Endrin ketone

R.T.: 7.566 min
Delta R.T.: 0.000 min
Response: 105268793
Conc: 49.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-4MS

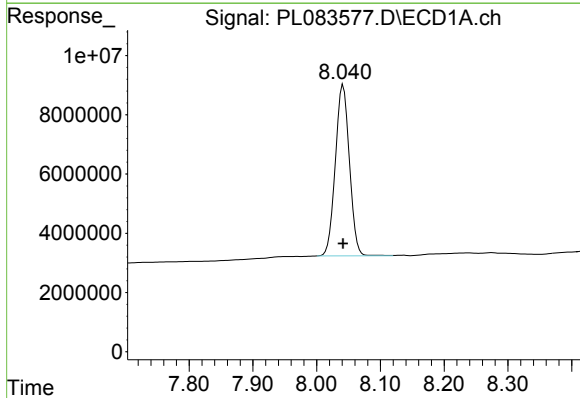
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Supervised By :Ankita Jodhani 06/27/2023



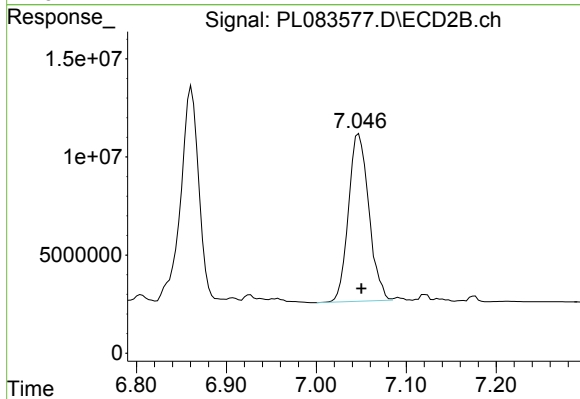
#21 Endrin ketone

R.T.: 6.861 min
Delta R.T.: -0.002 min
Response: 135672312
Conc: 48.26 ng/ml



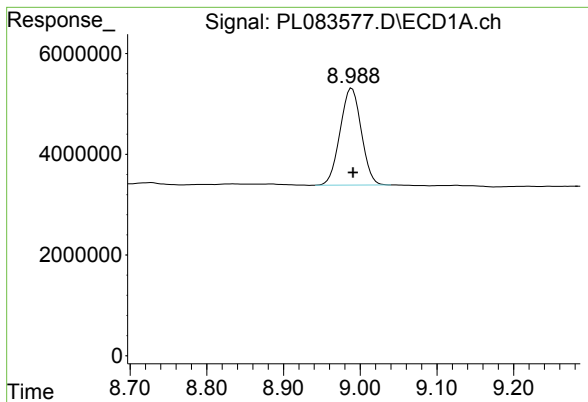
#22 Mirex

R.T.: 8.042 min
Delta R.T.: 0.000 min
Response: 88774842
Conc: 47.56 ng/ml



#22 Mirex

R.T.: 7.047 min
Delta R.T.: -0.003 min
Response: 133946199
Conc: 55.66 ng/ml



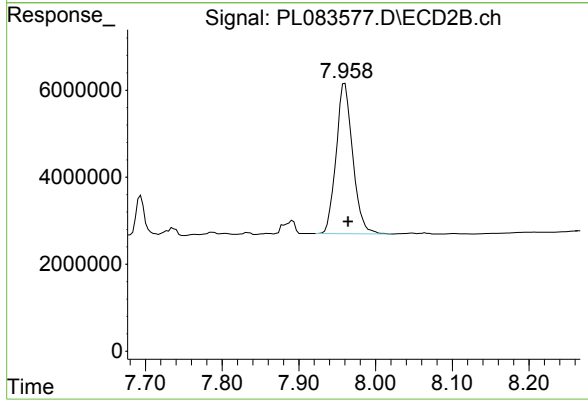
#28 Decachlorobiphenyl

R.T.: 8.989 min
Delta R.T.: -0.002 min
Response: 37106815
Conc: 19.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-4MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/27/2023
Supervised By :Ankita Jodhani 06/27/2023



#28 Decachlorobiphenyl

R.T.: 7.960 min
Delta R.T.: -0.004 min
Response: 51878102
Conc: 21.12 ng/ml