

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080924\
 Data File : PL090896.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2024 18:11
 Operator : AR\AJ
 Sample : PB162573BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB162573BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/09/2024
 Supervised By :Ankita Jodhani 08/09/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 01:14:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 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...	3.544	2.786	41062403	34793612	21.207	20.126
28)	SA Decachlor...	9.053	7.926	33653927	36331148	23.424	21.766
Target Compounds							
2)	A alpha-BHC	3.999	3.289	144.1E6	135.0E6	52.153	54.793
3)	MA gamma-BHC...	4.330	3.619	135.2E6	128.1E6	51.424m	54.713
4)	MA Heptachlor	4.920	3.959	124.4E6	120.4E6	50.309	51.941
5)	MB Aldrin	5.262	4.239	123.5E6	120.7E6	51.393	54.449
6)	B beta-BHC	4.527	3.917	64290768	56278262	51.069	52.911
7)	B delta-BHC	4.773	4.147	130.4E6	124.4E6	52.086m	55.651
8)	B Heptachlo...	5.686	4.740	117.5E6	109.9E6	51.685	53.908m
9)	A Endosulfan I	6.071	5.112	106.1E6	103.4E6	50.625m	53.530
10)	B gamma-Chl...	5.941	4.991	115.0E6	114.3E6	50.883m	53.519
11)	B alpha-Chl...	6.020	5.055	114.1E6	113.5E6	50.926m	53.185
12)	B 4,4'-DDE	6.193	5.244	102.8E6	102.5E6	51.881m	54.637
13)	MA Dieldrin	6.346	5.374	114.4E6	111.6E6	52.180	54.044m
14)	MA Endrin	6.574	5.649	89126658	89728837	48.665m	49.107m
15)	B Endosulfa...	6.795	5.945	101.7E6	98568976	50.705	54.270
16)	A 4,4'-DDD	6.710	5.798	91688990	91467268	55.618	58.946
17)	MA 4,4'-DDT	7.024	6.048	82850379	77715492	46.473	46.865m
18)	B Endrin al...	6.924	6.124	81128274	78058181	53.869	55.133
19)	B Endosulfa...	7.159	6.347	94609927	95420587	52.748	54.661
20)	A Methoxychlor	7.499	6.624	43768725	43832663	45.868	47.488
21)	B Endrin ke...	7.644	6.851	109.5E6	115.7E6	55.246	58.385m
22)	Mirex	8.117	7.034	82767320	89598001	53.244	53.354

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080924\
Data File : PL090896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2024 18:11
Operator : AR\AJ
Sample : PB162573BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

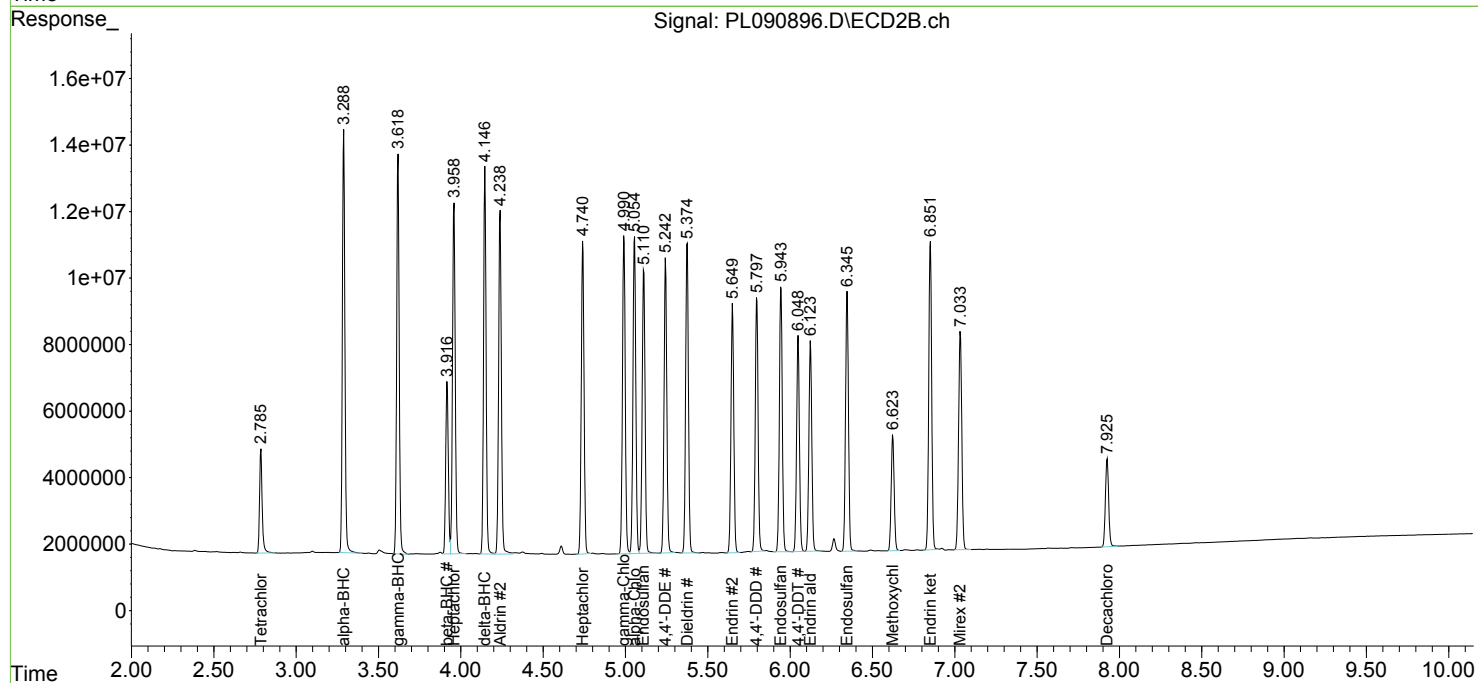
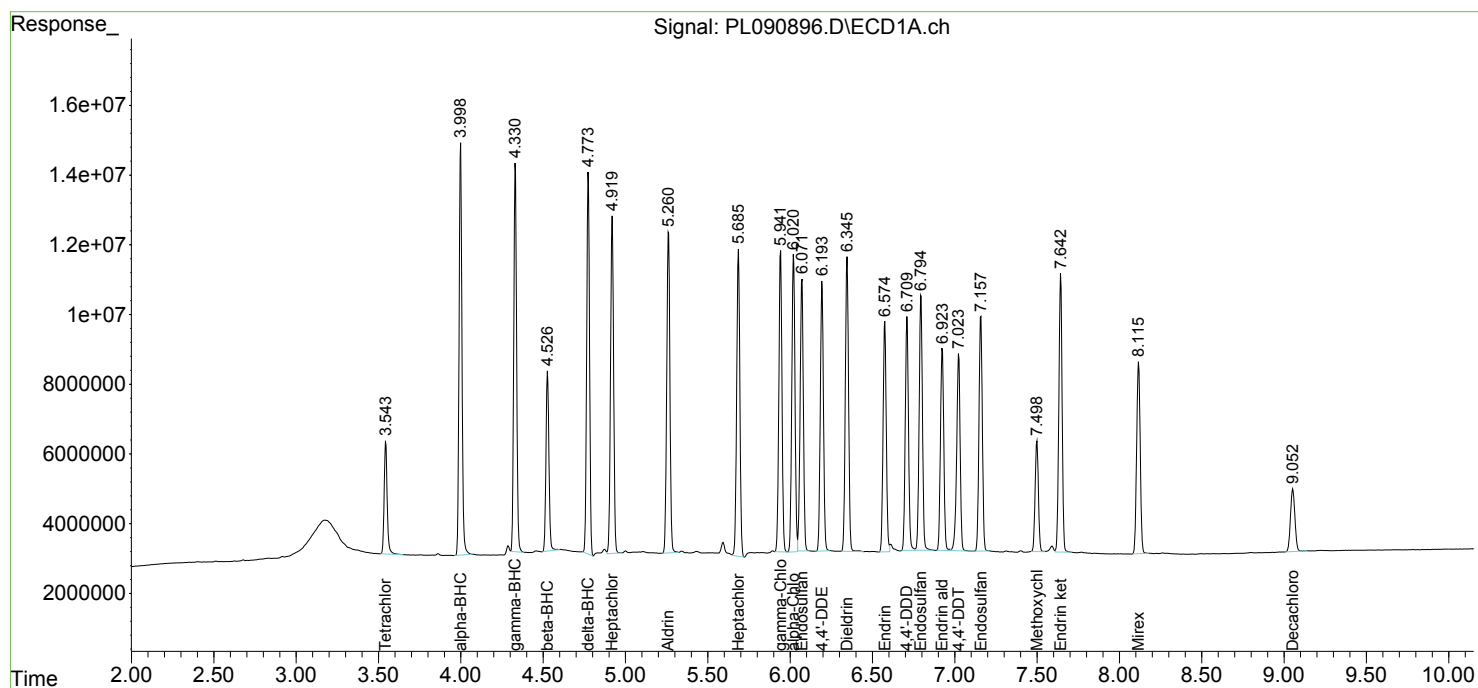
Instrument :
ECD_L
ClientSampleId :
PB162573BS

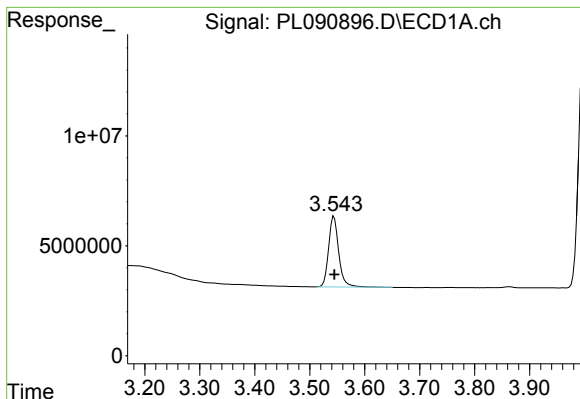
Manual Integrations
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Supervised By :Ankita Jodhani 08/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 01:14:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
Quant Title : GC Extractables
QLast Update : Tue Aug 06 10:55:36 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





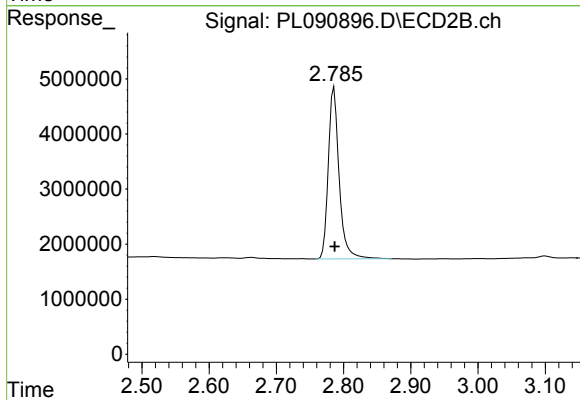
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 41062403
Conc: 21.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162573BS

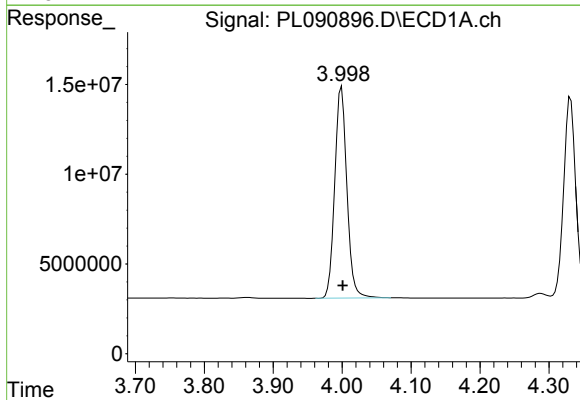
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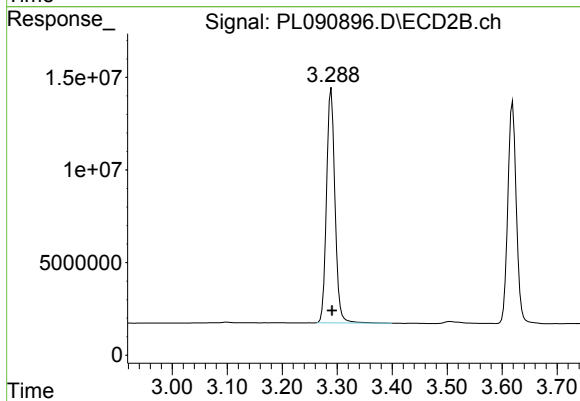
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.000 min
Response: 34793612
Conc: 20.13 ng/ml



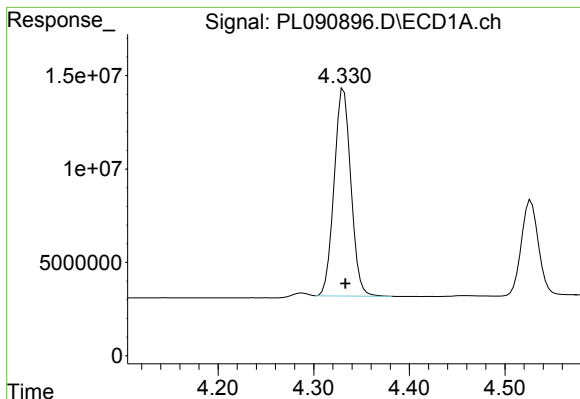
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 144055734
Conc: 52.15 ng/ml



#2 alpha-BHC

R.T.: 3.289 min
Delta R.T.: -0.001 min
Response: 134979965
Conc: 54.79 ng/ml



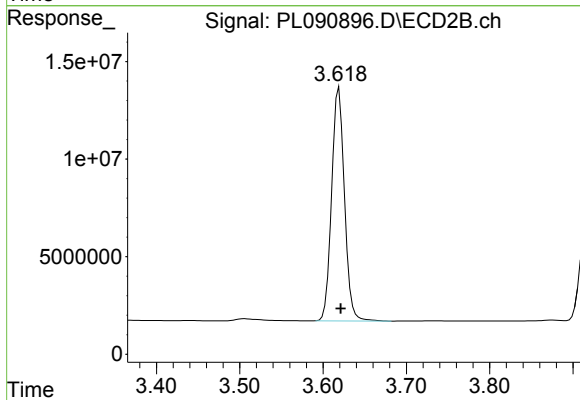
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.003 min
Response: 135248222
Conc: 51.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162573BS

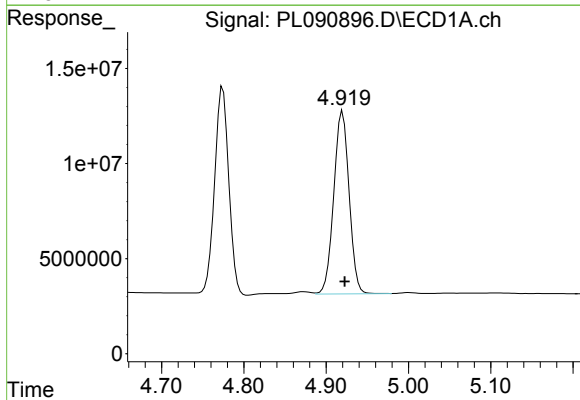
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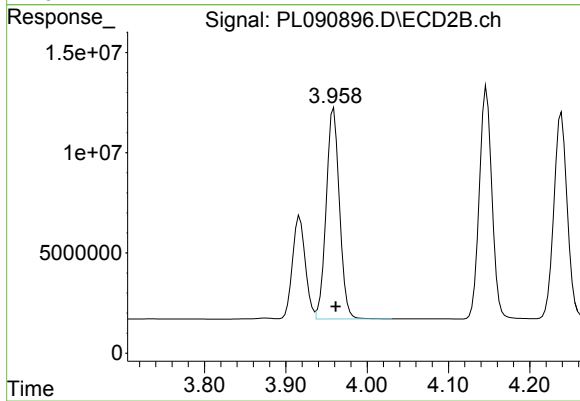
#3 gamma-BHC (Lindane)

R.T.: 3.619 min
Delta R.T.: -0.002 min
Response: 128095156
Conc: 54.71 ng/ml



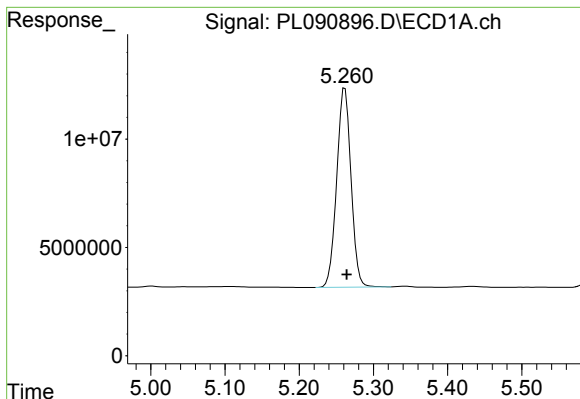
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.002 min
Response: 124417563
Conc: 50.31 ng/ml



#4 Heptachlor

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 120427708
Conc: 51.94 ng/ml



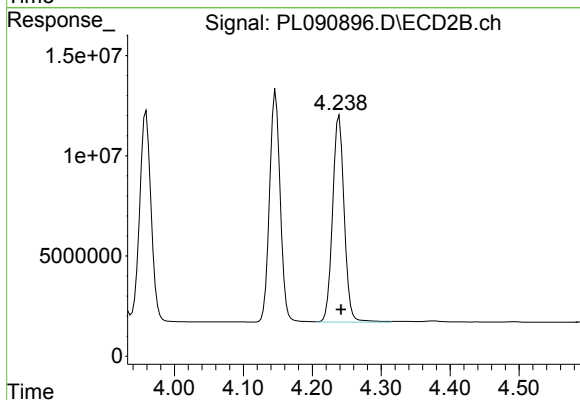
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 123539278
Conc: 51.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162573BS

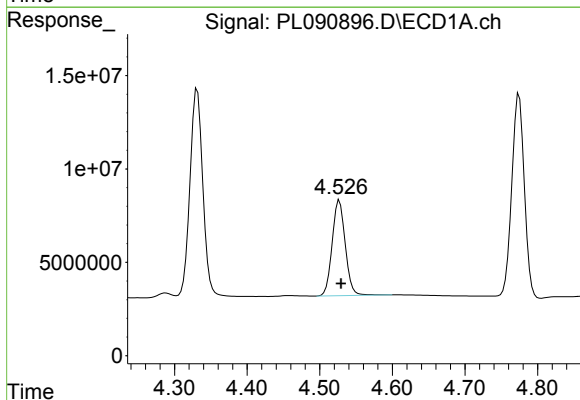
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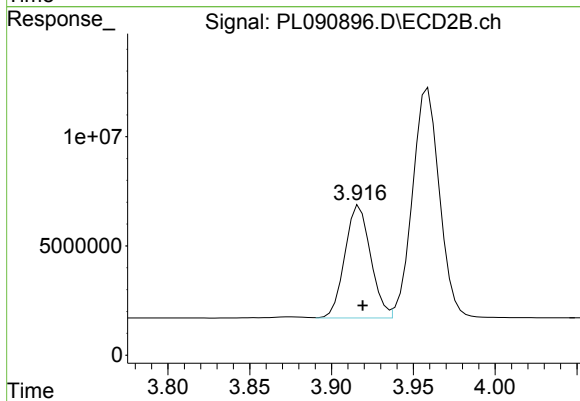
#5 Aldrin

R.T.: 4.239 min
Delta R.T.: -0.003 min
Response: 120718629
Conc: 54.45 ng/ml



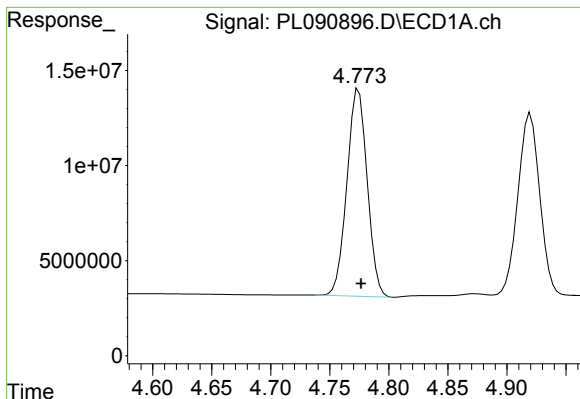
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.002 min
Response: 64290768
Conc: 51.07 ng/ml



#6 beta-BHC

R.T.: 3.917 min
Delta R.T.: -0.002 min
Response: 56278262
Conc: 52.91 ng/ml



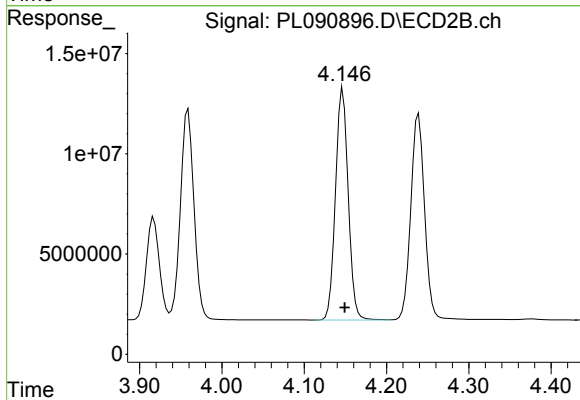
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: -0.003 min
Response: 130396082
Conc: 52.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162573BS

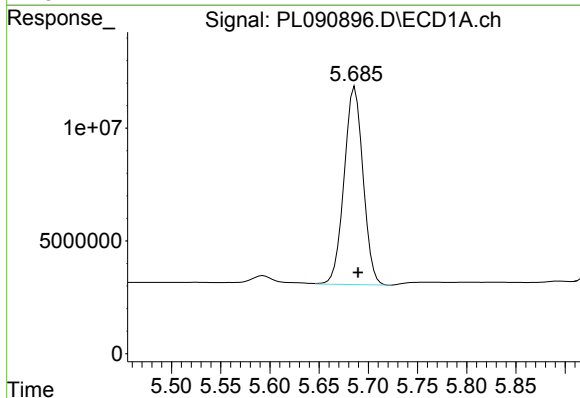
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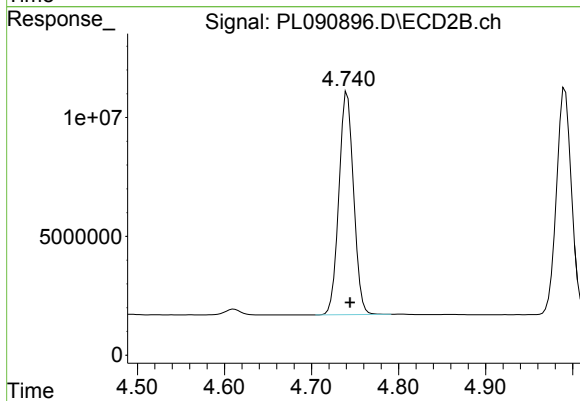
#7 delta-BHC

R.T.: 4.147 min
Delta R.T.: -0.002 min
Response: 124368672
Conc: 55.65 ng/ml



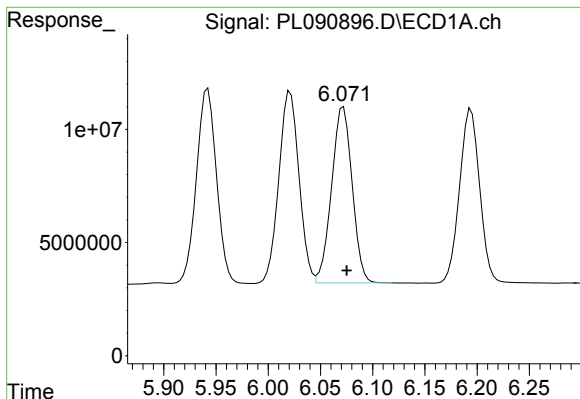
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 117451598
Conc: 51.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.740 min
Delta R.T.: -0.005 min
Response: 109882687
Conc: 53.91 ng/ml m



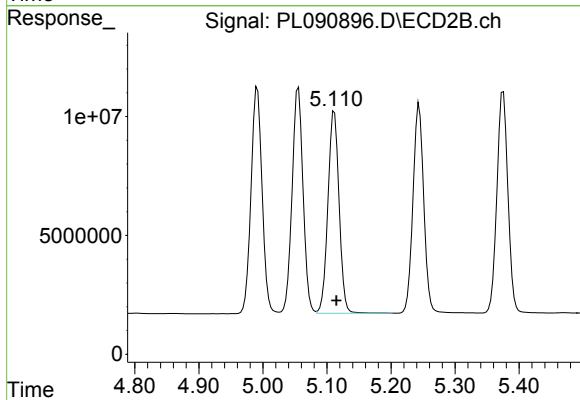
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 106120464
Conc: 50.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162573BS

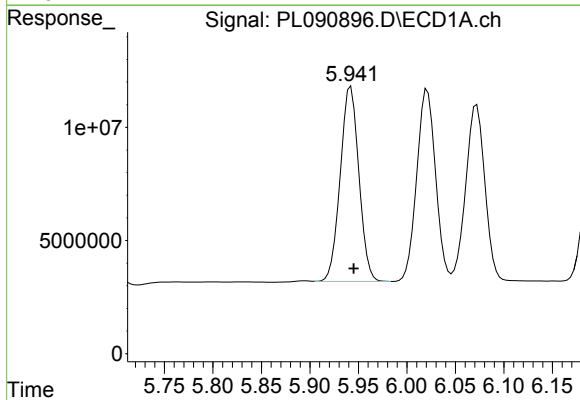
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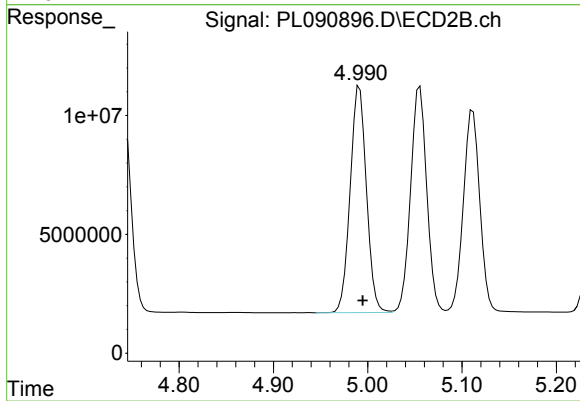
#9 Endosulfan I

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 103370604
Conc: 53.53 ng/ml



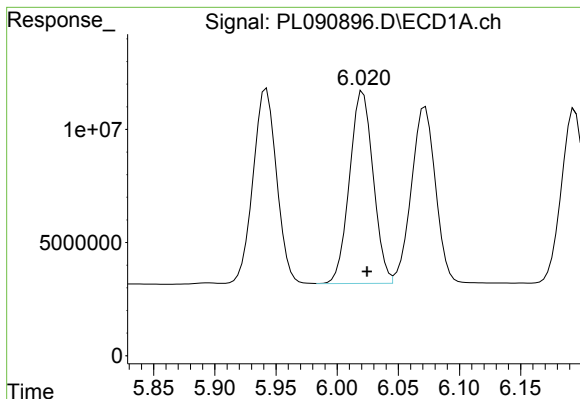
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.004 min
Response: 114972123
Conc: 50.88 ng/ml m



#10 gamma-Chlordane

R.T.: 4.991 min
Delta R.T.: -0.003 min
Response: 114295653
Conc: 53.52 ng/ml



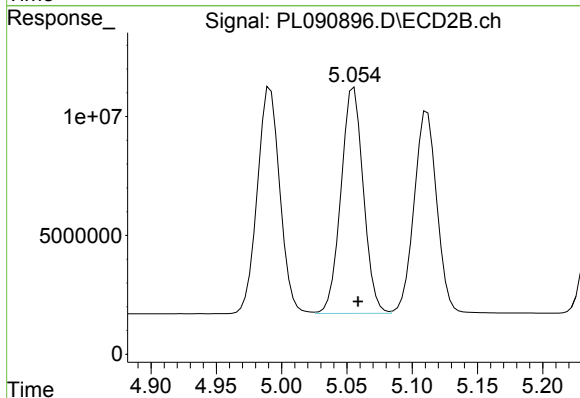
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: -0.005 min
Response: 114052013
Conc: 50.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162573BS

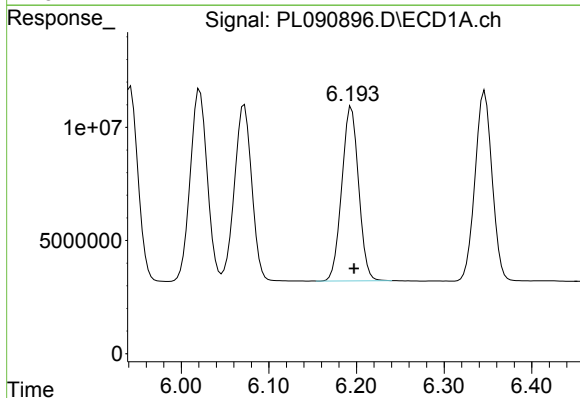
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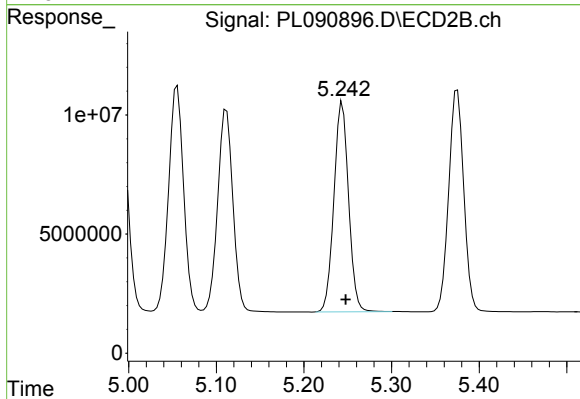
#11 alpha-Chlordane

R.T.: 5.055 min
Delta R.T.: -0.003 min
Response: 113474821
Conc: 53.19 ng/ml



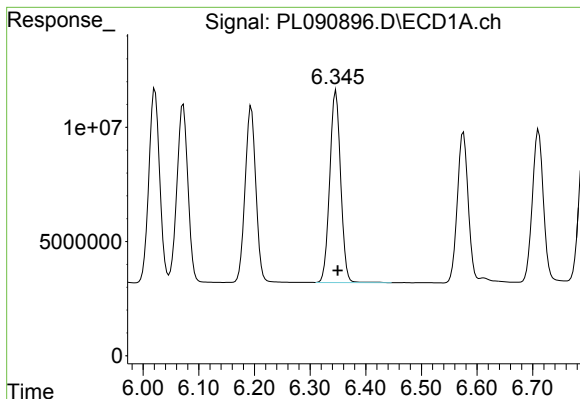
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.005 min
Response: 102848051
Conc: 51.88 ng/ml m



#12 4,4'-DDE

R.T.: 5.244 min
Delta R.T.: -0.004 min
Response: 102493851
Conc: 54.64 ng/ml



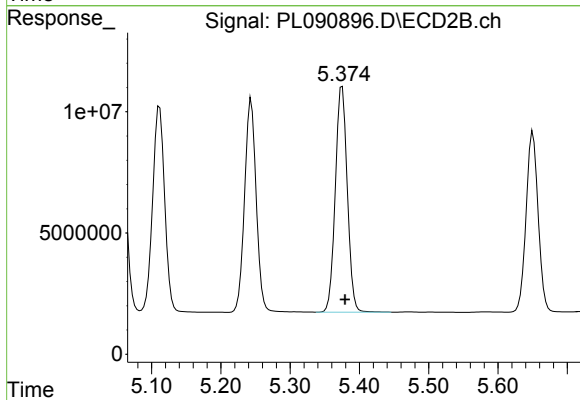
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.004 min
Response: 114447593
Conc: 52.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162573BS

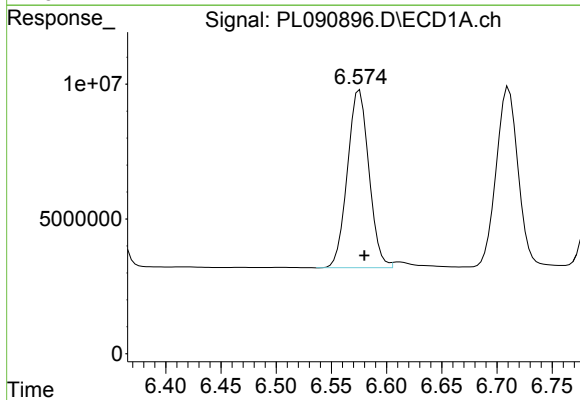
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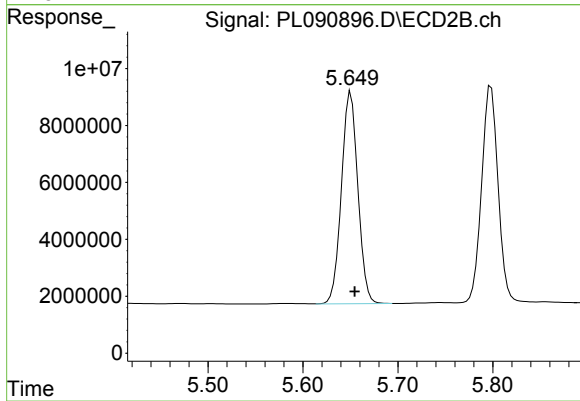
#13 Dieldrin

R.T.: 5.374 min
Delta R.T.: -0.006 min
Response: 111587015
Conc: 54.04 ng/ml m



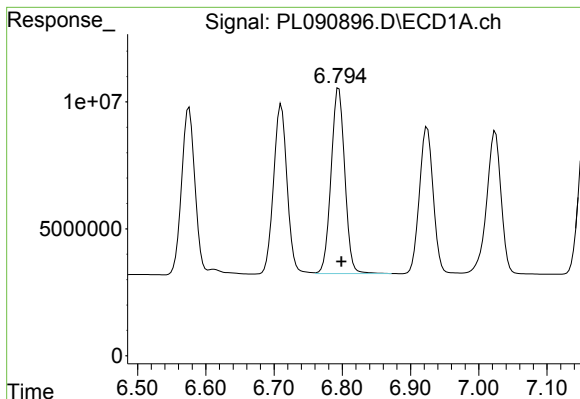
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.006 min
Response: 89126658
Conc: 48.66 ng/ml m



#14 Endrin

R.T.: 5.649 min
Delta R.T.: -0.005 min
Response: 89728837
Conc: 49.11 ng/ml m



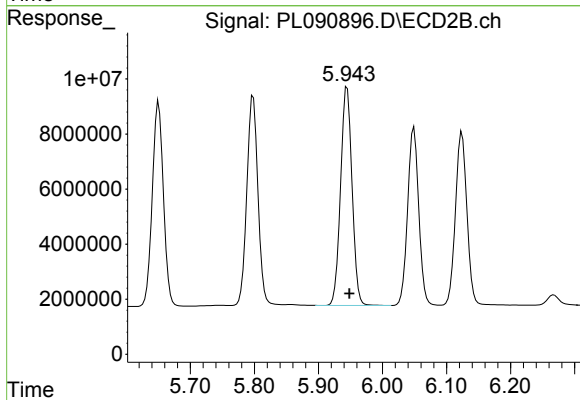
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: -0.004 min
Response: 101680933
Conc: 50.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162573BS

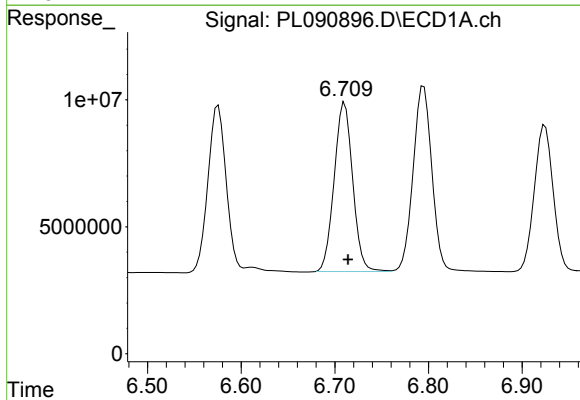
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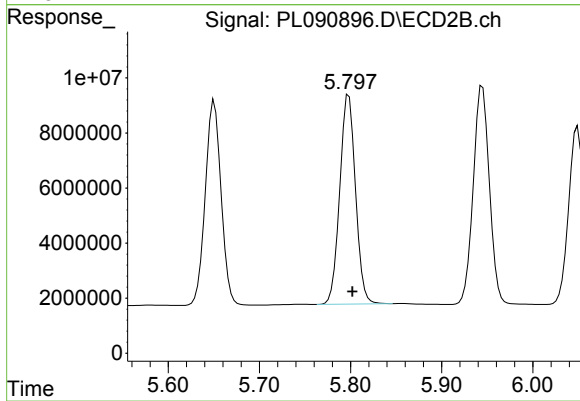
#15 Endosulfan II

R.T.: 5.945 min
Delta R.T.: -0.004 min
Response: 98568976
Conc: 54.27 ng/ml



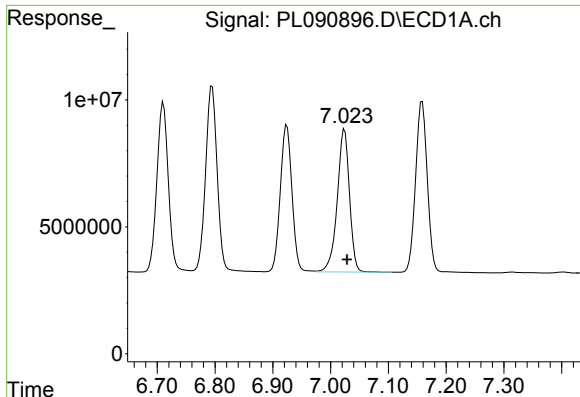
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.004 min
Response: 91688990
Conc: 55.62 ng/ml



#16 4,4'-DDD

R.T.: 5.798 min
Delta R.T.: -0.004 min
Response: 91467268
Conc: 58.95 ng/ml



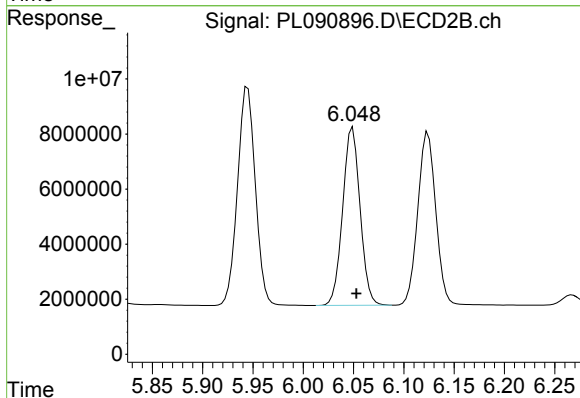
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: -0.004 min
Response: 82850379
Conc: 46.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162573BS

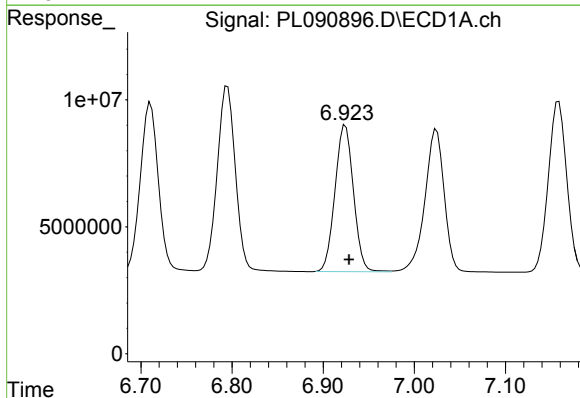
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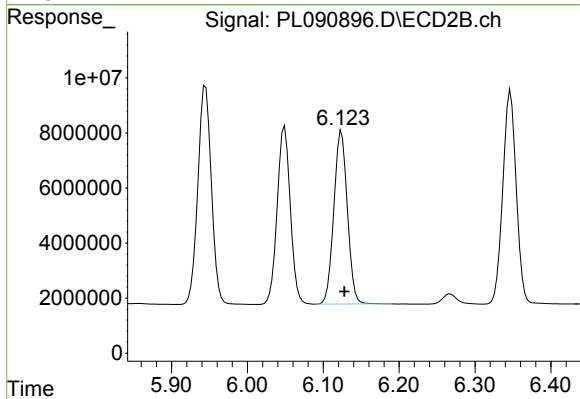
#17 4,4'-DDT

R.T.: 6.048 min
Delta R.T.: -0.005 min
Response: 77715492
Conc: 46.87 ng/ml m



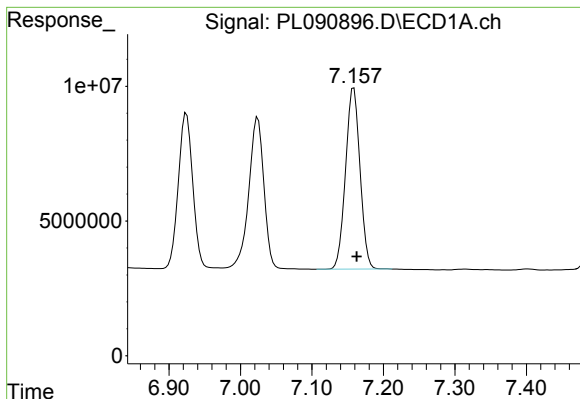
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: -0.004 min
Response: 81128274
Conc: 53.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.124 min
Delta R.T.: -0.004 min
Response: 78058181
Conc: 55.13 ng/ml



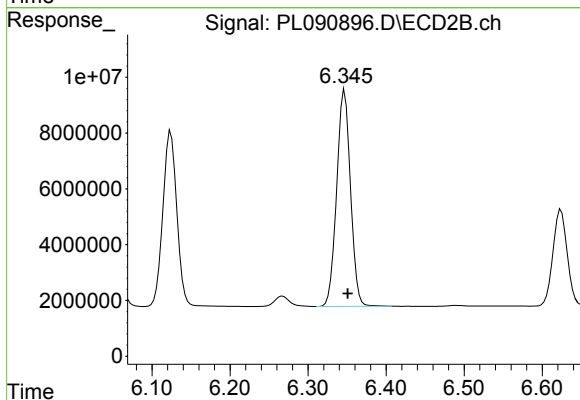
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: -0.004 min
Response: 94609927
Conc: 52.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162573BS

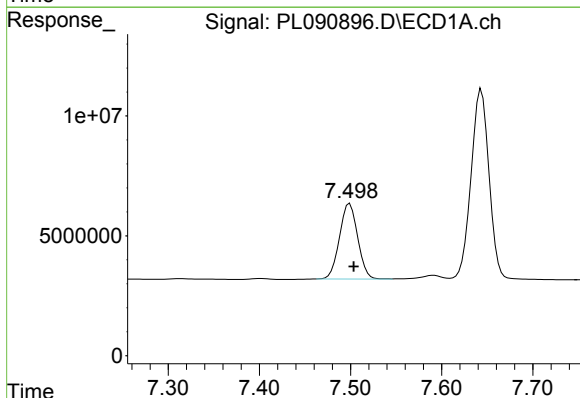
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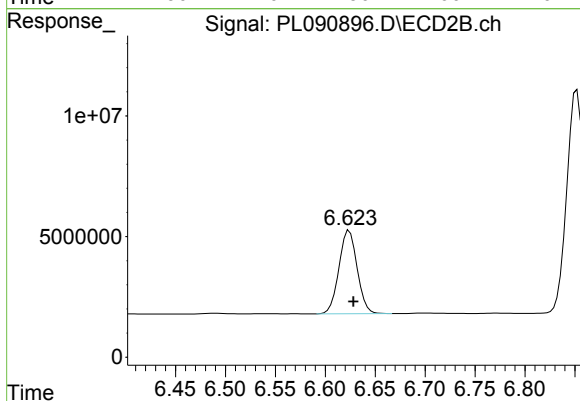
#19 Endosulfan Sulfate

R.T.: 6.347 min
Delta R.T.: -0.004 min
Response: 95420587
Conc: 54.66 ng/ml



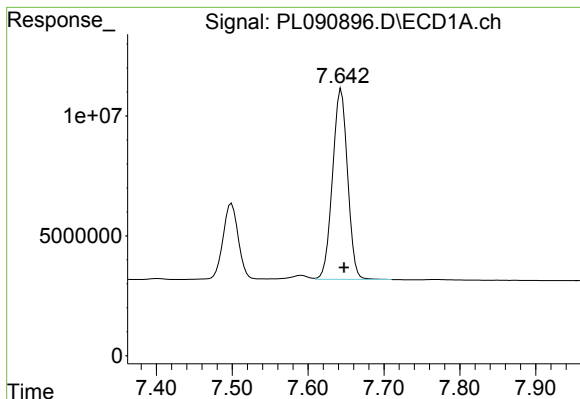
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.004 min
Response: 43768725
Conc: 45.87 ng/ml



#20 Methoxychlor

R.T.: 6.624 min
Delta R.T.: -0.004 min
Response: 43832663
Conc: 47.49 ng/ml



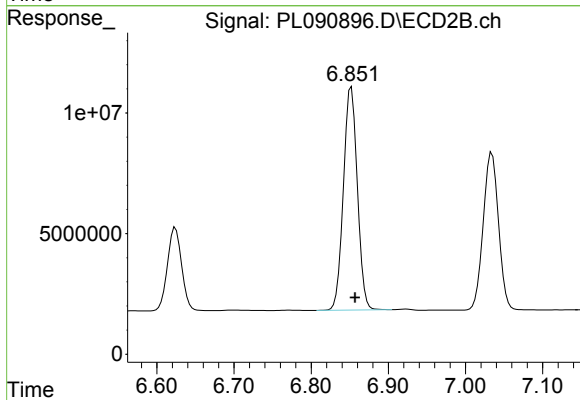
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: -0.004 min
Response: 109463890
Conc: 55.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162573BS

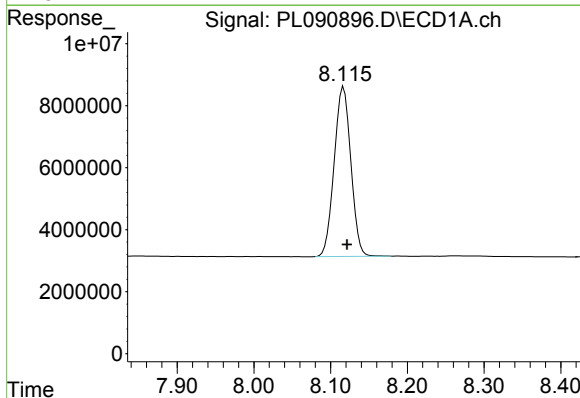
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APPROVED

Reviewed By :Abdul Mirza 08/09/2024
Supervised By :Ankita Jodhani 08/09/2024



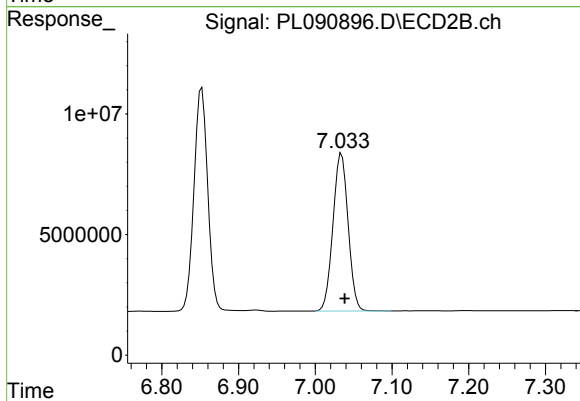
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: -0.006 min
Response: 115714770
Conc: 58.39 ng/ml m



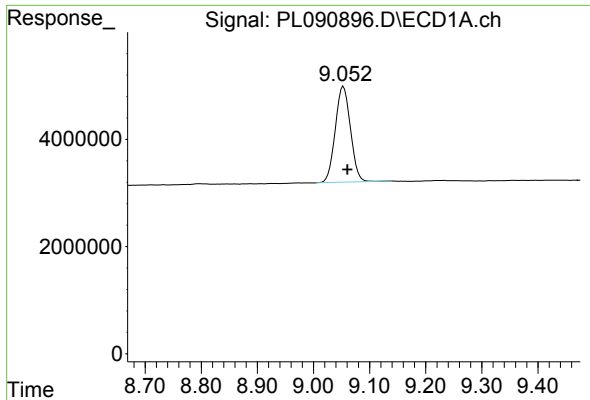
#22 Mirex

R.T.: 8.117 min
Delta R.T.: -0.005 min
Response: 82767320
Conc: 53.24 ng/ml



#22 Mirex

R.T.: 7.034 min
Delta R.T.: -0.004 min
Response: 89598001
Conc: 53.35 ng/ml



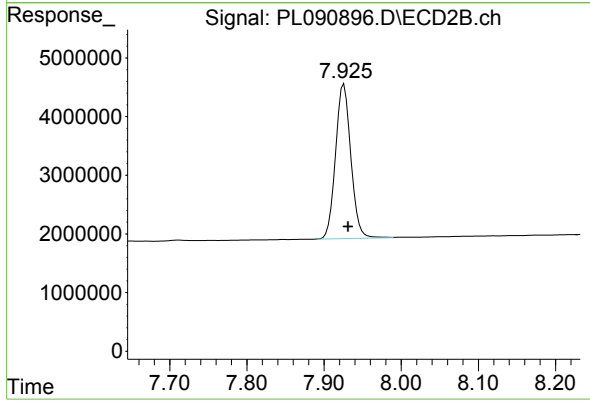
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.007 min
Response: 33653927
Conc: 23.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162573BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.926 min
Delta R.T.: -0.005 min
Response: 36331148
Conc: 21.77 ng/ml