

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062023\
 Data File : PL083626.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2023 03:04
 Operator : AR\AJ
 Sample : 03320-07MSD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-12MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/21/2023
 Supervised By :Ankita Jodhani 06/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 07:23:40 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...	3.453	2.753	49695472	44510655	22.483	19.108
28)	SA Decachlor...	8.990	7.960	27787087	33980824	14.582	13.835
Target Compounds							
2)	A alpha-BHC	3.910	3.262	139.8E6	152.7E6	44.917	45.230
3)	MA gamma-BHC...	4.243	3.595	129.6E6	145.8E6	45.457	45.423
4)	MA Heptachlor	4.835	3.942	126.1E6	143.9E6	45.602	46.484
5)	MB Aldrin	5.177	4.224	115.8E6	138.2E6	44.552	45.919
6)	B beta-BHC	4.442	3.897	59455014	65503338	45.955	43.892
7)	B delta-BHC	4.688	4.128	87126118	101.0E6	31.610	31.330
8)	B Heptachlo...	5.605	4.731	103.6E6	129.9E6	40.805	45.270m
9)	A Endosulfan I	5.990	5.106	93062445	118.1E6	41.765	43.828
10)	B gamma-Chl...	5.862	4.987	102.4E6	129.1E6	42.572	43.625
11)	B alpha-Chl...	5.942	5.052	100.3E6	127.8E6	42.329	43.189
12)	B 4,4'-DDE	6.120	5.248	88728698	115.3E6	43.953	45.131
13)	MA Dieldrin	6.267	5.373	95656459	121.1E6	42.600	43.185
14)	MA Endrin	6.495	5.650	82994274	107.5E6	47.026	46.562
15)	B Endosulfa...	6.716	5.947	78792355	100.1E6	42.214	42.181
16)	A 4,4'-DDD	6.638	5.807	77482695	95944169	45.380	43.509
17)	MA 4,4'-DDT	6.954	6.061	72063835	85452125	42.802	40.928
18)	B Endrin al...	6.845	6.128	63359620	73979065	42.742m	39.142
19)	B Endosulfa...	7.082	6.353	79114787	92233426	41.196	38.087
20)	A Methoxychlor	7.435	6.646	39937968	47513330	44.030	39.425
21)	B Endrin ke...	7.567	6.861	86075392	101.8E6	40.174	36.194
22)	Mirex	8.042	7.046	76821405	83559911	41.159	34.722

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

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 Data File : PL083626.D
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 Acq On : 21 Jun 2023 03:04
 Operator : AR\AJ
 Sample : 03320-07MSD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

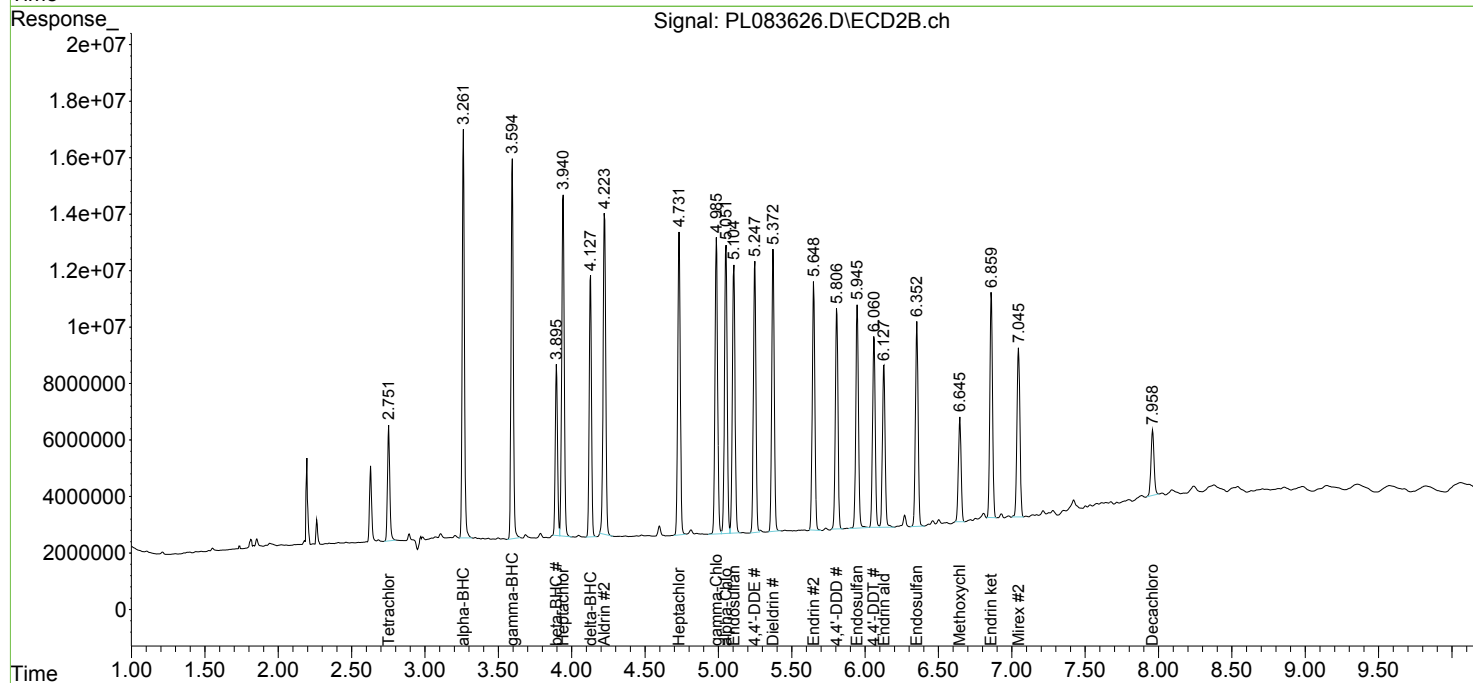
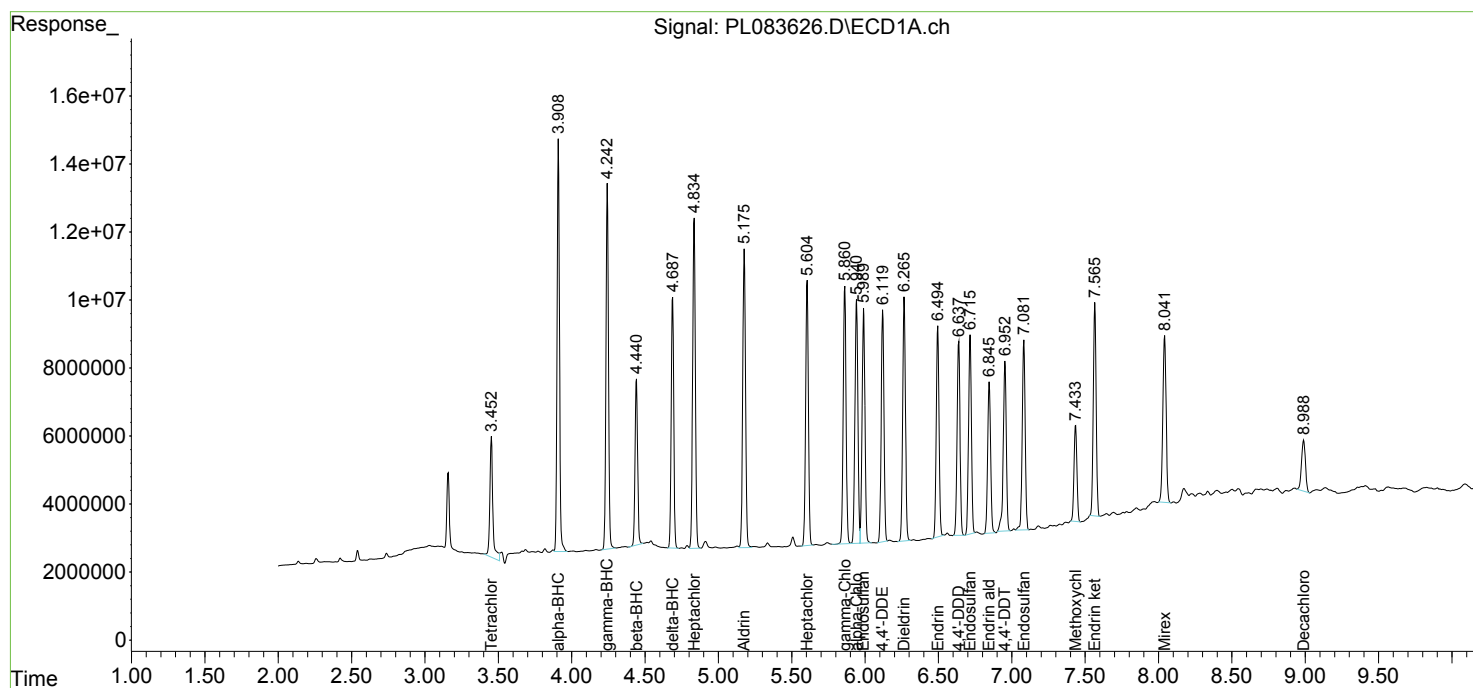
Instrument :
 ECD_L
 ClientSampleId :
 WC-12MSD

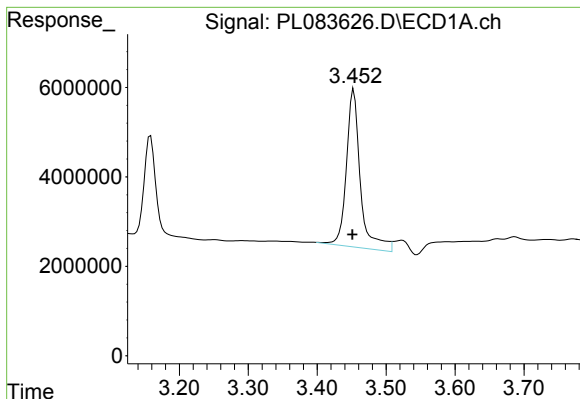
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 06/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 07:23:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
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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





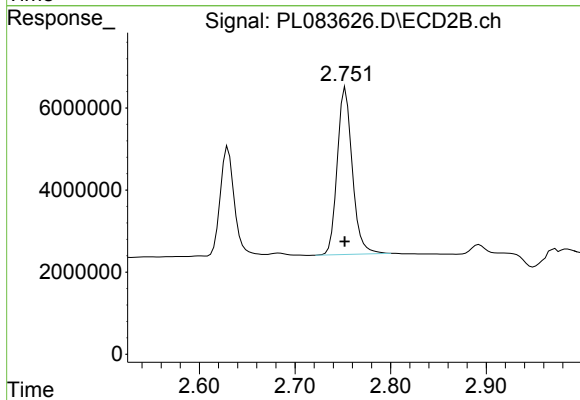
#1 Tetrachloro-m-xylene

R.T.: 3.453 min
Delta R.T.: 0.002 min
Response: 49695472
Conc: 22.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-12MSD

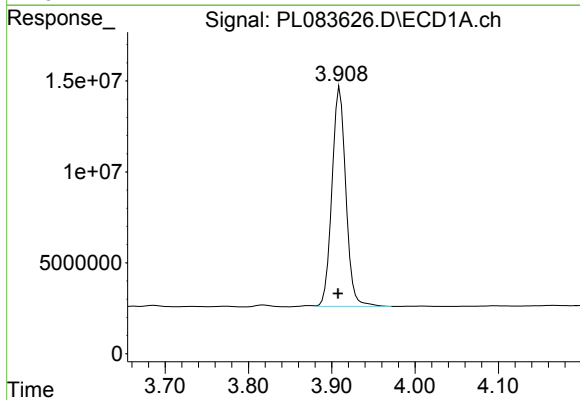
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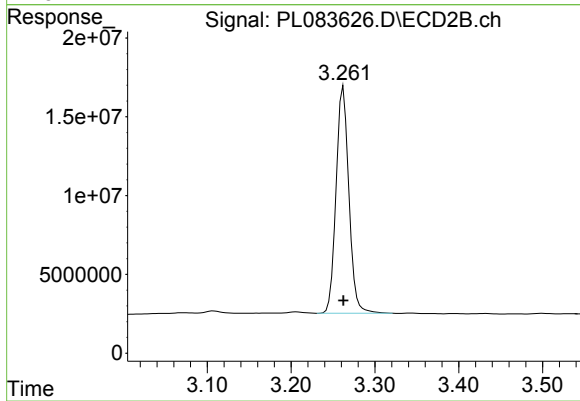
#1 Tetrachloro-m-xylene

R.T.: 2.753 min
Delta R.T.: 0.000 min
Response: 44510655
Conc: 19.11 ng/ml



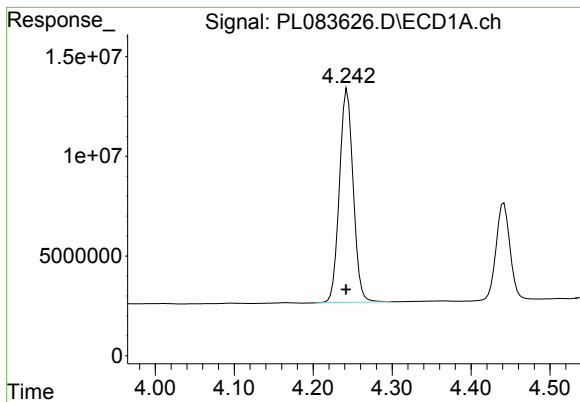
#2 alpha-BHC

R.T.: 3.910 min
Delta R.T.: 0.002 min
Response: 139846607
Conc: 44.92 ng/ml



#2 alpha-BHC

R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 152677396
Conc: 45.23 ng/ml



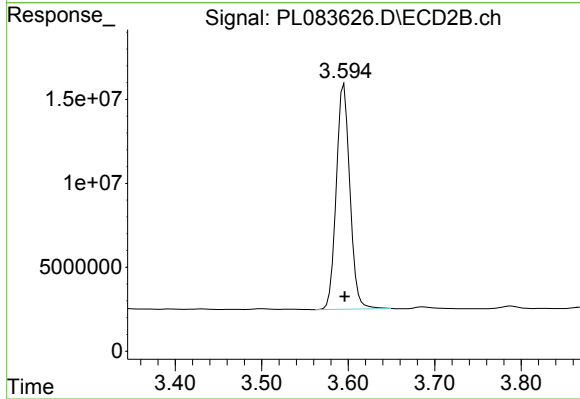
#3 gamma-BHC (Lindane)

R.T.: 4.243 min
Delta R.T.: 0.001 min
Response: 129587378
Conc: 45.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-12MSD

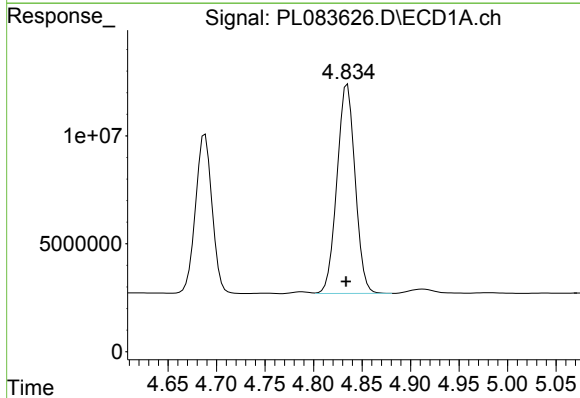
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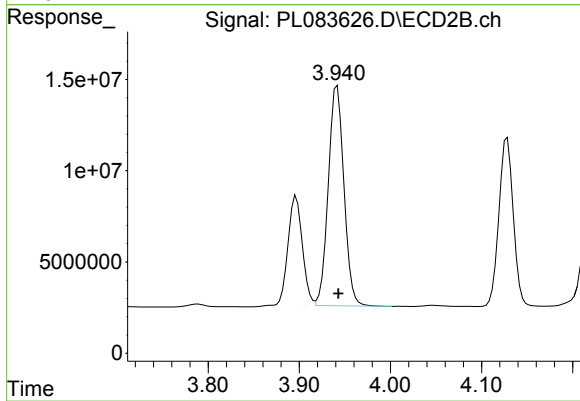
#3 gamma-BHC (Lindane)

R.T.: 3.595 min
Delta R.T.: 0.000 min
Response: 145835799
Conc: 45.42 ng/ml



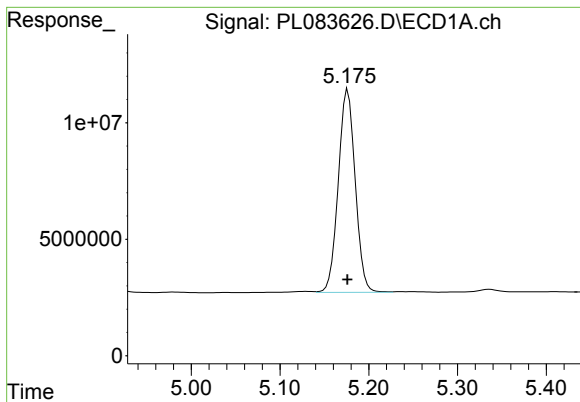
#4 Heptachlor

R.T.: 4.835 min
Delta R.T.: 0.001 min
Response: 126084709
Conc: 45.60 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: -0.001 min
Response: 143897672
Conc: 46.48 ng/ml



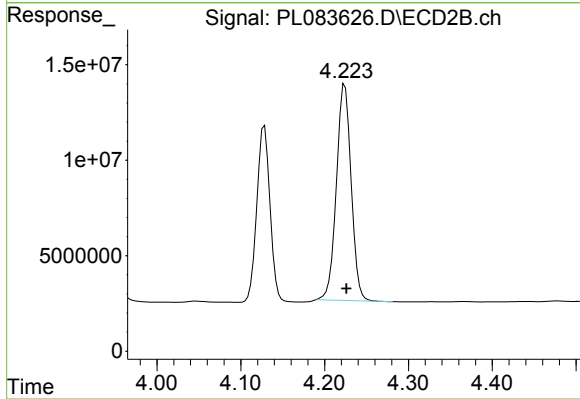
#5 Aldrin

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 115783577
Conc: 44.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-12MSD

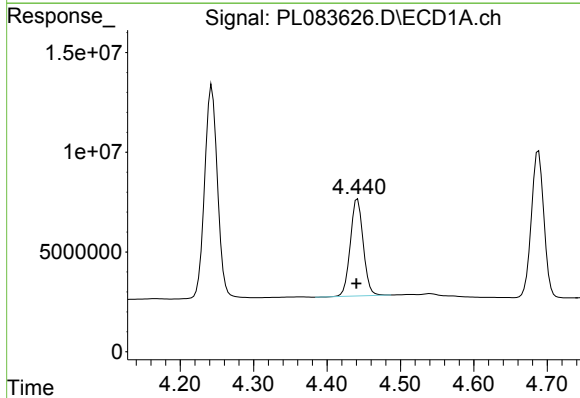
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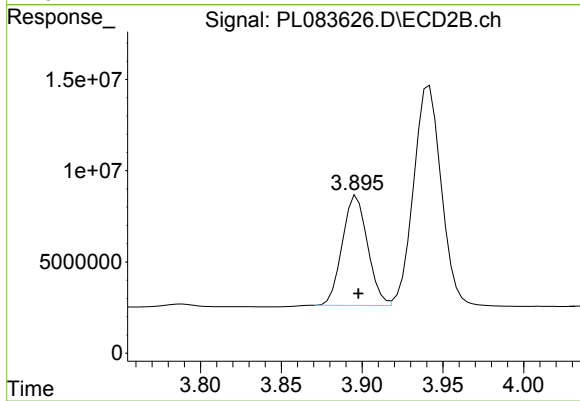
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: -0.002 min
Response: 138244481
Conc: 45.92 ng/ml



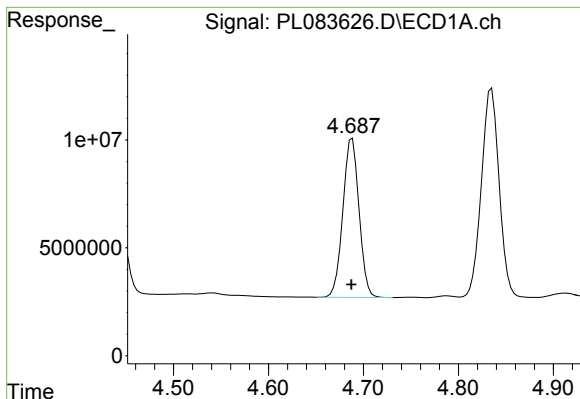
#6 beta-BHC

R.T.: 4.442 min
Delta R.T.: 0.002 min
Response: 59455014
Conc: 45.95 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: -0.001 min
Response: 65503338
Conc: 43.89 ng/ml



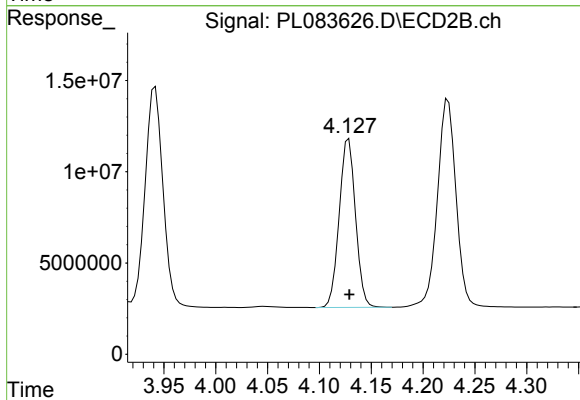
#7 delta-BHC

R.T.: 4.688 min
Delta R.T.: 0.000 min
Response: 87126118
Conc: 31.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-12MSD

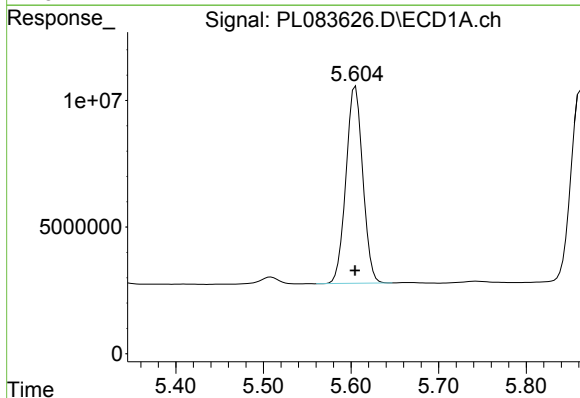
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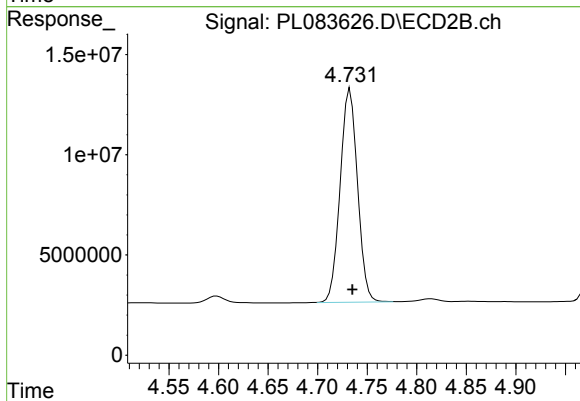
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 100983380
Conc: 31.33 ng/ml



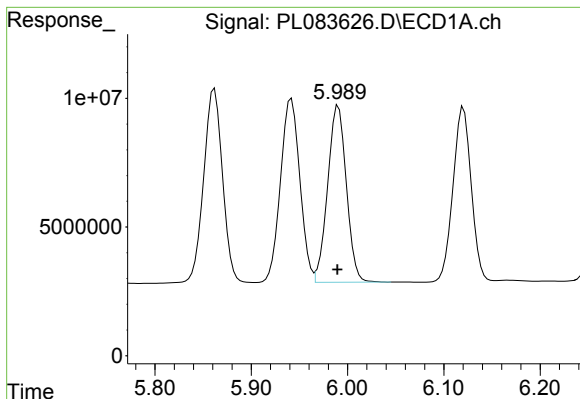
#8 Heptachlor epoxide

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 103577044
Conc: 40.80 ng/ml



#8 Heptachlor epoxide

R.T.: 4.731 min
Delta R.T.: -0.004 min
Response: 129946410
Conc: 45.27 ng/ml m



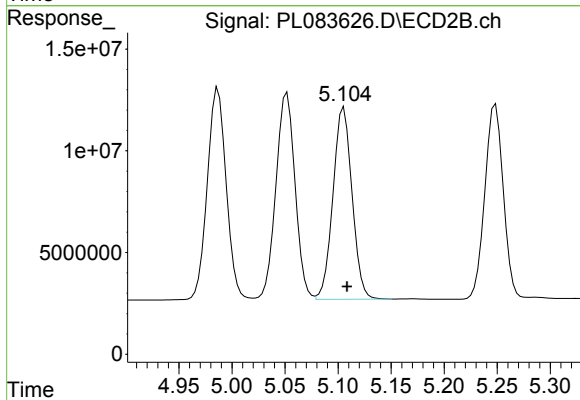
#9 Endosulfan I

R.T.: 5.990 min
Delta R.T.: 0.001 min
Response: 93062445
Conc: 41.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-12MSD

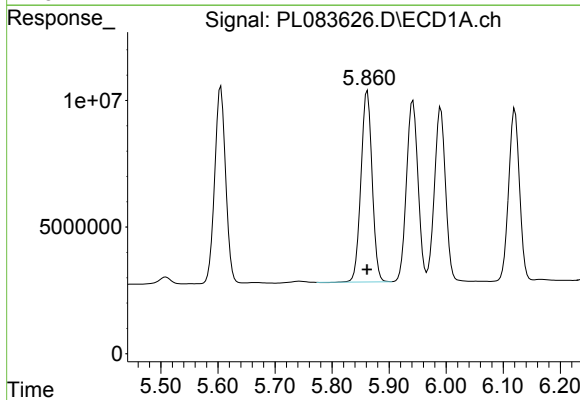
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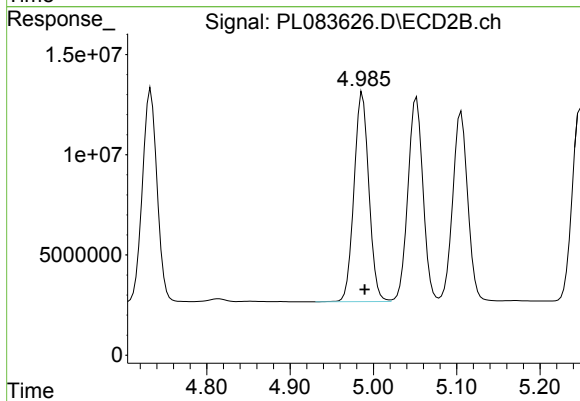
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.003 min
Response: 118119371
Conc: 43.83 ng/ml



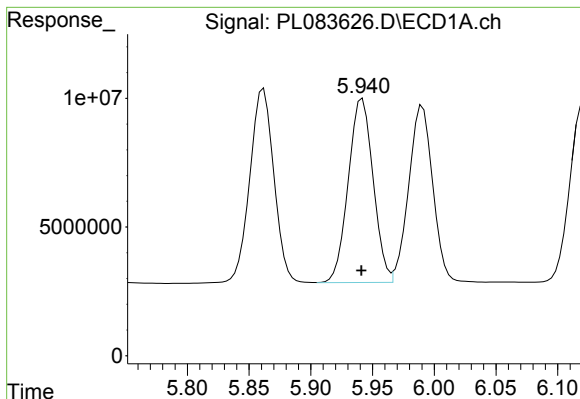
#10 gamma-Chlordane

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 102412563
Conc: 42.57 ng/ml



#10 gamma-Chlordane

R.T.: 4.987 min
Delta R.T.: -0.003 min
Response: 129074504
Conc: 43.62 ng/ml



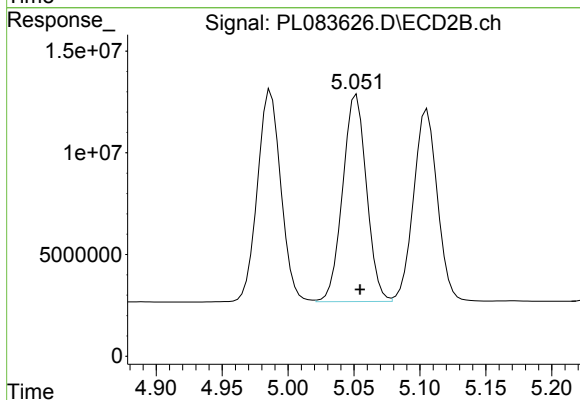
#11 alpha-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 100263685
Conc: 42.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-12MSD

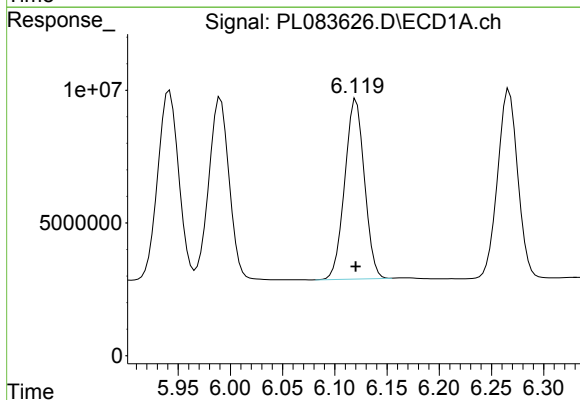
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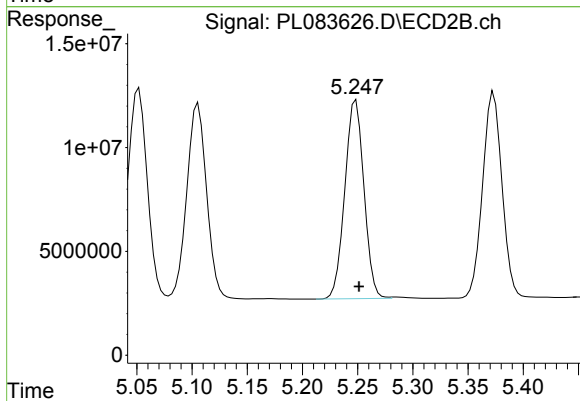
#11 alpha-Chlordane

R.T.: 5.052 min
Delta R.T.: -0.003 min
Response: 127763191
Conc: 43.19 ng/ml



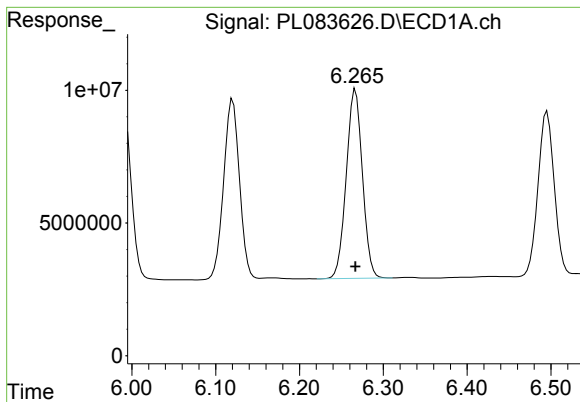
#12 4,4'-DDE

R.T.: 6.120 min
Delta R.T.: 0.000 min
Response: 88728698
Conc: 43.95 ng/ml



#12 4,4'-DDE

R.T.: 5.248 min
Delta R.T.: -0.003 min
Response: 115291797
Conc: 45.13 ng/ml



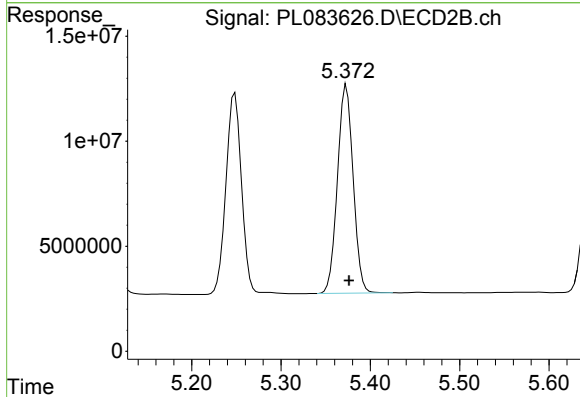
#13 Dieldrin

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 95656459
Conc: 42.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-12MSD

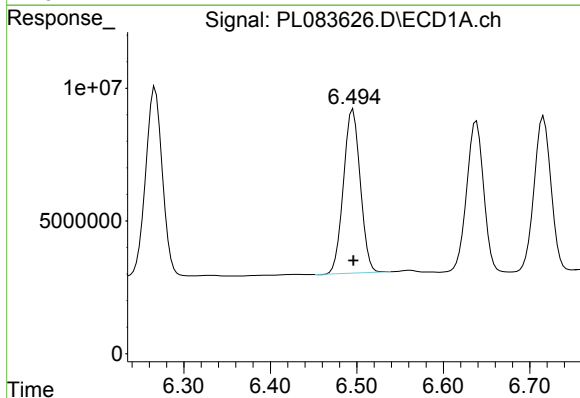
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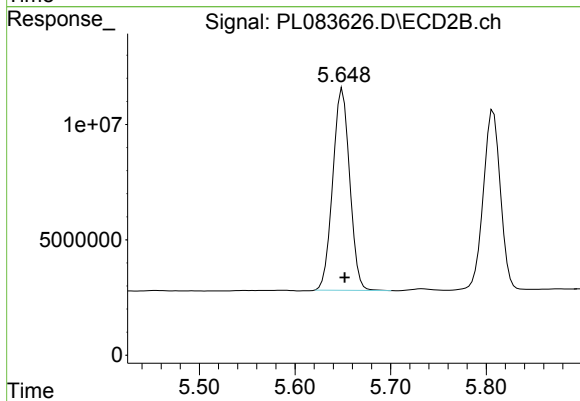
#13 Dieldrin

R.T.: 5.373 min
Delta R.T.: -0.003 min
Response: 121100950
Conc: 43.19 ng/ml



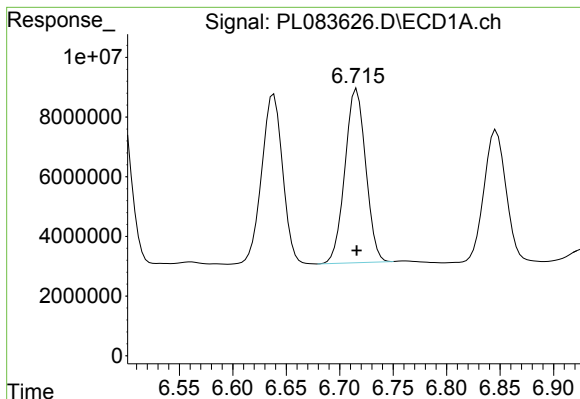
#14 Endrin

R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 82994274
Conc: 47.03 ng/ml



#14 Endrin

R.T.: 5.650 min
Delta R.T.: -0.002 min
Response: 107470641
Conc: 46.56 ng/ml



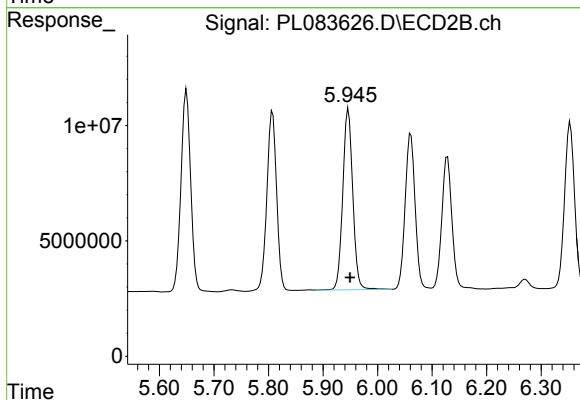
#15 Endosulfan II

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 78792355
Conc: 42.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-12MSD

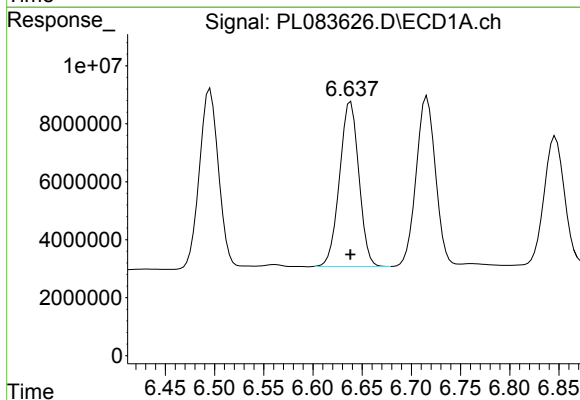
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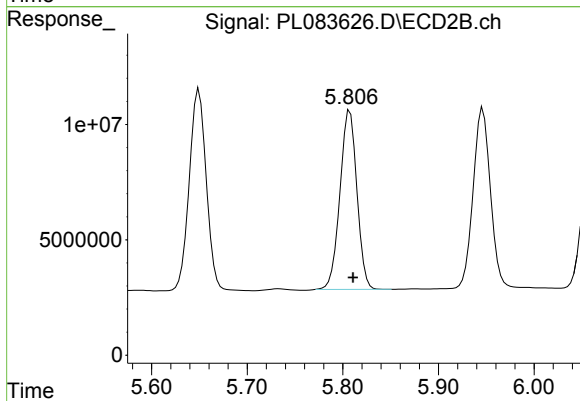
#15 Endosulfan II

R.T.: 5.947 min
Delta R.T.: -0.003 min
Response: 100125249
Conc: 42.18 ng/ml



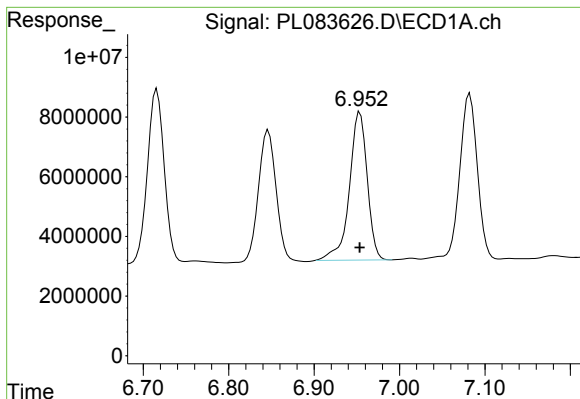
#16 4,4'-DDD

R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 77482695
Conc: 45.38 ng/ml



#16 4,4'-DDD

R.T.: 5.807 min
Delta R.T.: -0.003 min
Response: 95944169
Conc: 43.51 ng/ml



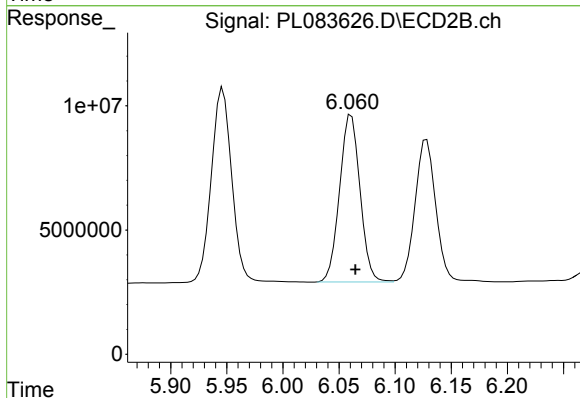
#17 4,4'-DDT

R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 72063835
Conc: 42.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-12MSD

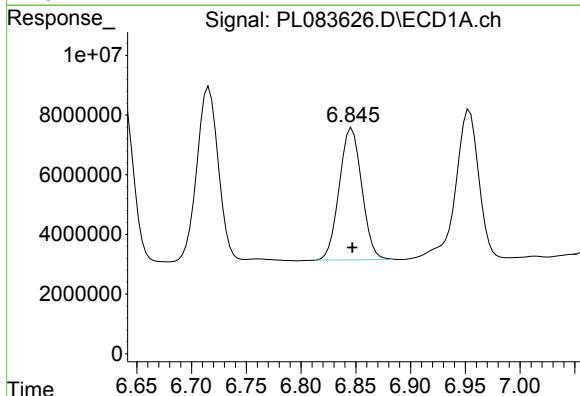
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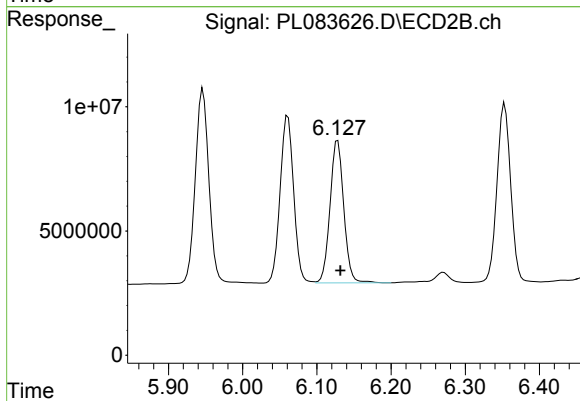
#17 4,4'-DDT

R.T.: 6.061 min
Delta R.T.: -0.004 min
Response: 85452125
Conc: 40.93 ng/ml



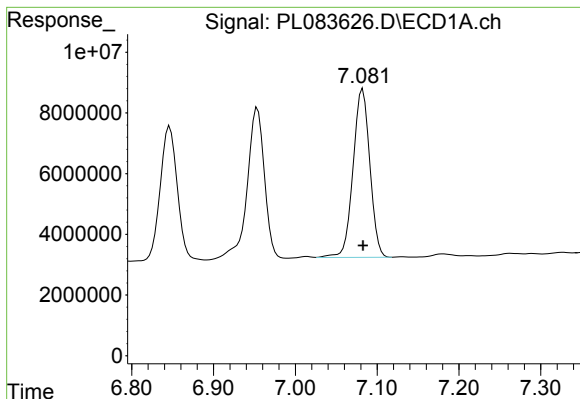
#18 Endrin aldehyde

R.T.: 6.845 min
Delta R.T.: -0.002 min
Response: 63359620
Conc: 42.74 ng/ml m



#18 Endrin aldehyde

R.T.: 6.128 min
Delta R.T.: -0.004 min
Response: 73979065
Conc: 39.14 ng/ml



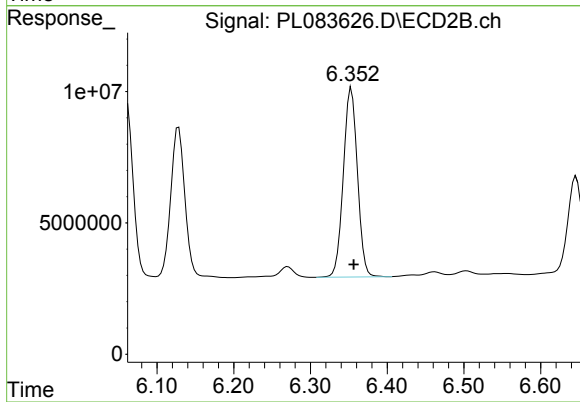
#19 Endosulfan Sulfate

R.T.: 7.082 min
Delta R.T.: 0.000 min
Response: 79114787
Conc: 41.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-12MSD

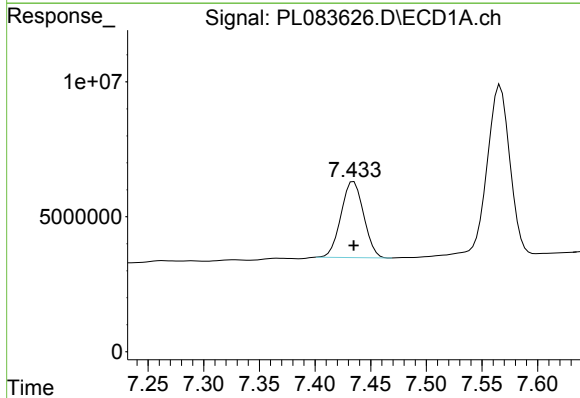
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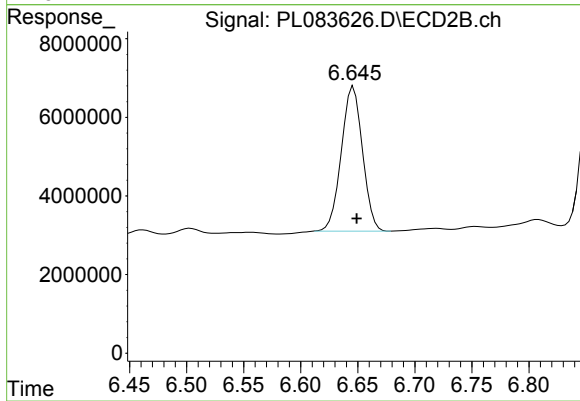
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: -0.003 min
Response: 92233426
Conc: 38.09 ng/ml



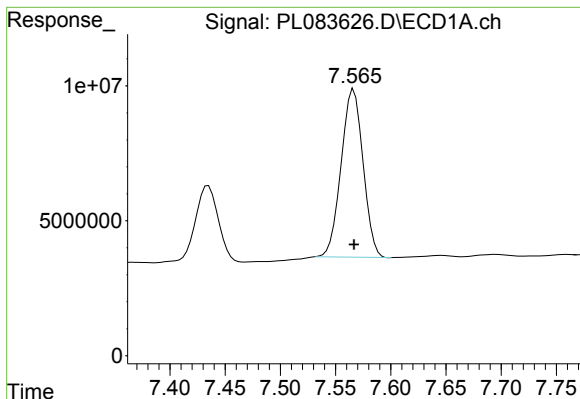
#20 Methoxychlor

R.T.: 7.435 min
Delta R.T.: 0.000 min
Response: 39937968
Conc: 44.03 ng/ml



#20 Methoxychlor

R.T.: 6.646 min
Delta R.T.: -0.003 min
Response: 47513330
Conc: 39.42 ng/ml



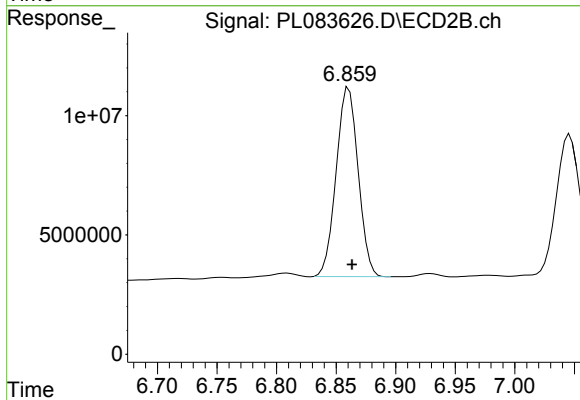
#21 Endrin ketone

R.T.: 7.567 min
Delta R.T.: 0.000 min
Response: 86075392
Conc: 40.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-12MSD

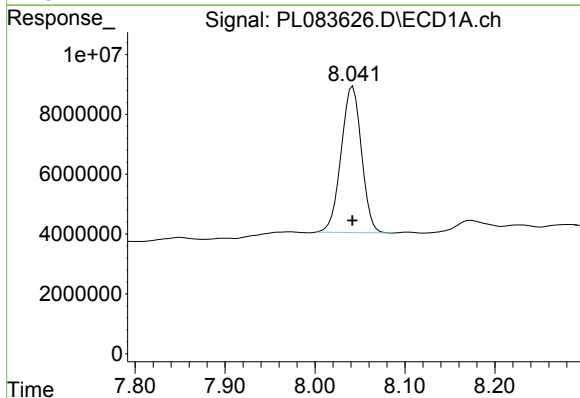
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Supervised By :Ankita Jodhani 06/21/2023



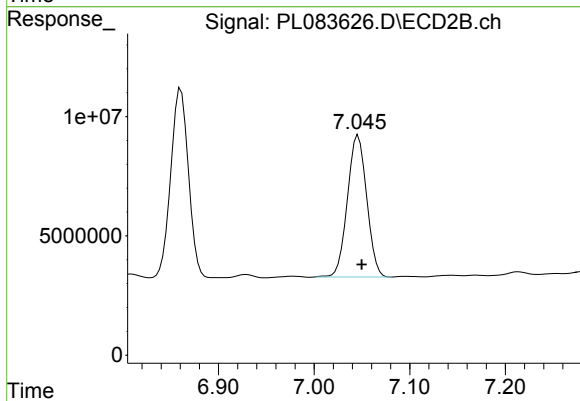
#21 Endrin ketone

R.T.: 6.861 min
Delta R.T.: -0.003 min
Response: 101754601
Conc: 36.19 ng/ml



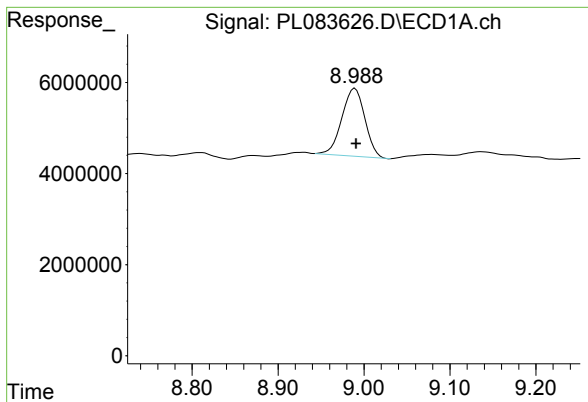
#22 Mirex

R.T.: 8.042 min
Delta R.T.: 0.000 min
Response: 76821405
Conc: 41.16 ng/ml



#22 Mirex

R.T.: 7.046 min
Delta R.T.: -0.004 min
Response: 83559911
Conc: 34.72 ng/ml



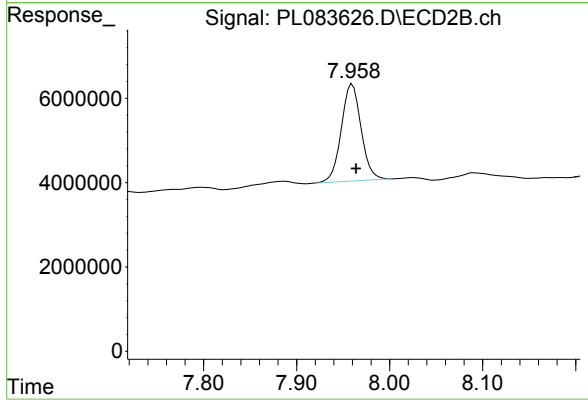
#28 Decachlorobiphenyl

R.T.: 8.990 min
Delta R.T.: -0.001 min
Response: 27787087
Conc: 14.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-12MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



#28 Decachlorobiphenyl

R.T.: 7.960 min
Delta R.T.: -0.004 min
Response: 33980824
Conc: 13.84 ng/ml