

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020224\
 Data File : PD081052.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2024 21:14
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/05/2024
 Supervised By : Ankita Jodhani 02/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 03 01:56:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.567	2.796	70685001	124.2E6	49.793	51.931
28)	SA Decachlor...	9.114	7.934	86108440	123.0E6	42.788	46.194
Target Compounds							
2)	A alpha-BHC	4.023	3.298	124.8E6	200.7E6	50.239	52.307
3)	MA gamma-BHC...	4.357	3.627	122.1E6	194.6E6	49.886	52.035
4)	MA Heptachlor	4.949	3.968	118.9E6	177.4E6	48.209	51.446
5)	MB Aldrin	5.293	4.247	120.3E6	184.2E6	49.017	50.571m
6)	B beta-BHC	4.551	3.922	49575343	79177178	48.995	50.670
7)	B delta-BHC	4.800	4.151	126.3E6	198.0E6	50.351	52.764m
8)	B Heptachlo...	5.718	4.749	111.0E6	166.4E6	49.593m	49.691
9)	A Endosulfan I	6.106	5.119	101.5E6	140.0E6	48.961	45.702
10)	B gamma-Chl...	5.973	4.999	107.0E6	165.9E6	48.894m	50.707
11)	B alpha-Chl...	6.055	5.064	108.8E6	164.1E6	49.958	50.204
12)	B 4,4'-DDE	6.226	5.251	97172442	157.2E6	47.753	51.308m
13)	MA Dieldrin	6.381	5.384	105.0E6	172.6E6	47.506	50.740
14)	MA Endrin	6.612	5.659	86189292	157.6E6	46.146	53.196
15)	B Endosulfa...	6.830	5.952	88807010	148.3E6	45.861	51.566
16)	A 4,4'-DDD	6.743	5.805	78367094	136.4E6	47.694	51.953
17)	MA 4,4'-DDT	7.058	6.057	78307080	127.1E6	43.971	47.897
18)	B Endrin al...	6.960	6.131	68490278	110.8E6	45.025	49.147
19)	B Endosulfa...	7.194	6.354	88316281	139.1E6	46.513	49.861
20)	A Methoxychlor	7.532	6.631	43831137	69465723	42.584	44.380
21)	B Endrin ke...	7.681	6.860	99746285	162.1E6	47.697	50.242
22)	Mirex	8.157	7.043	74102380	120.9E6	44.927	47.987

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020224\
Data File : PD081052.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Feb 2024 21:14
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

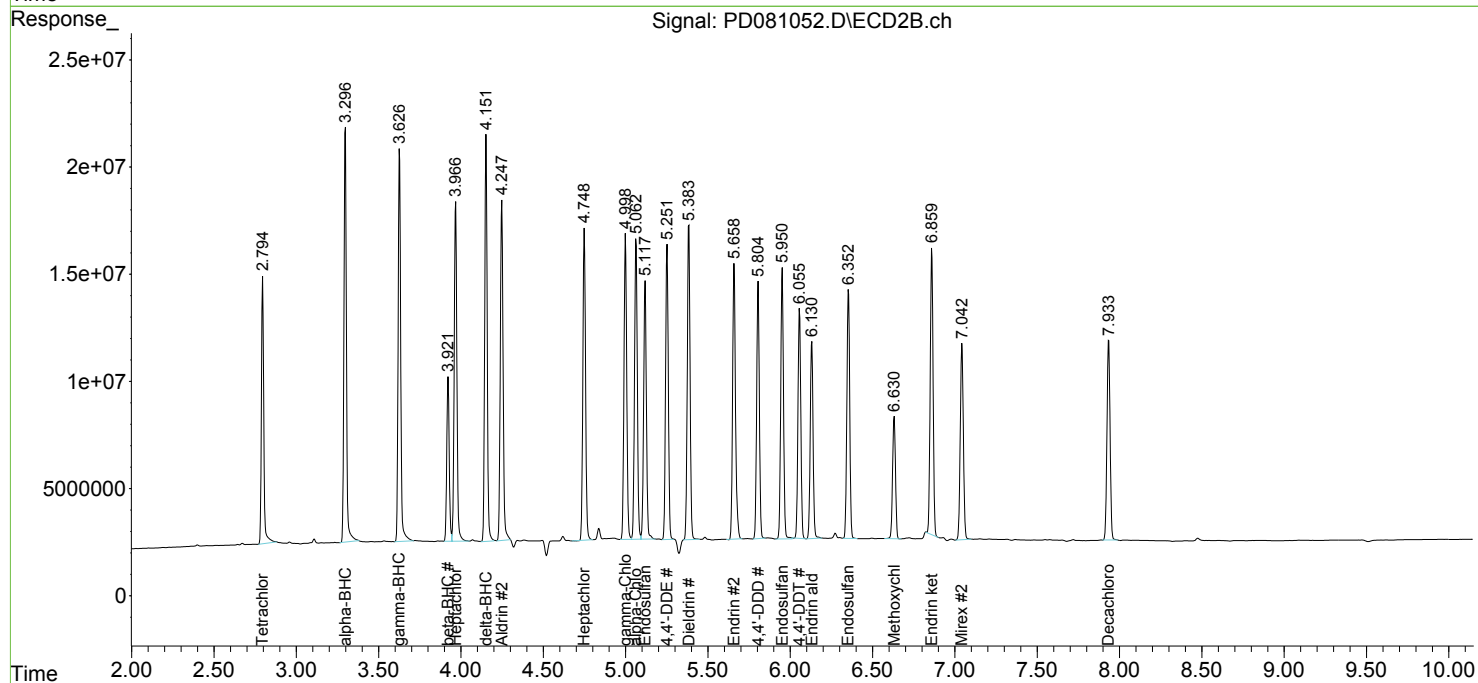
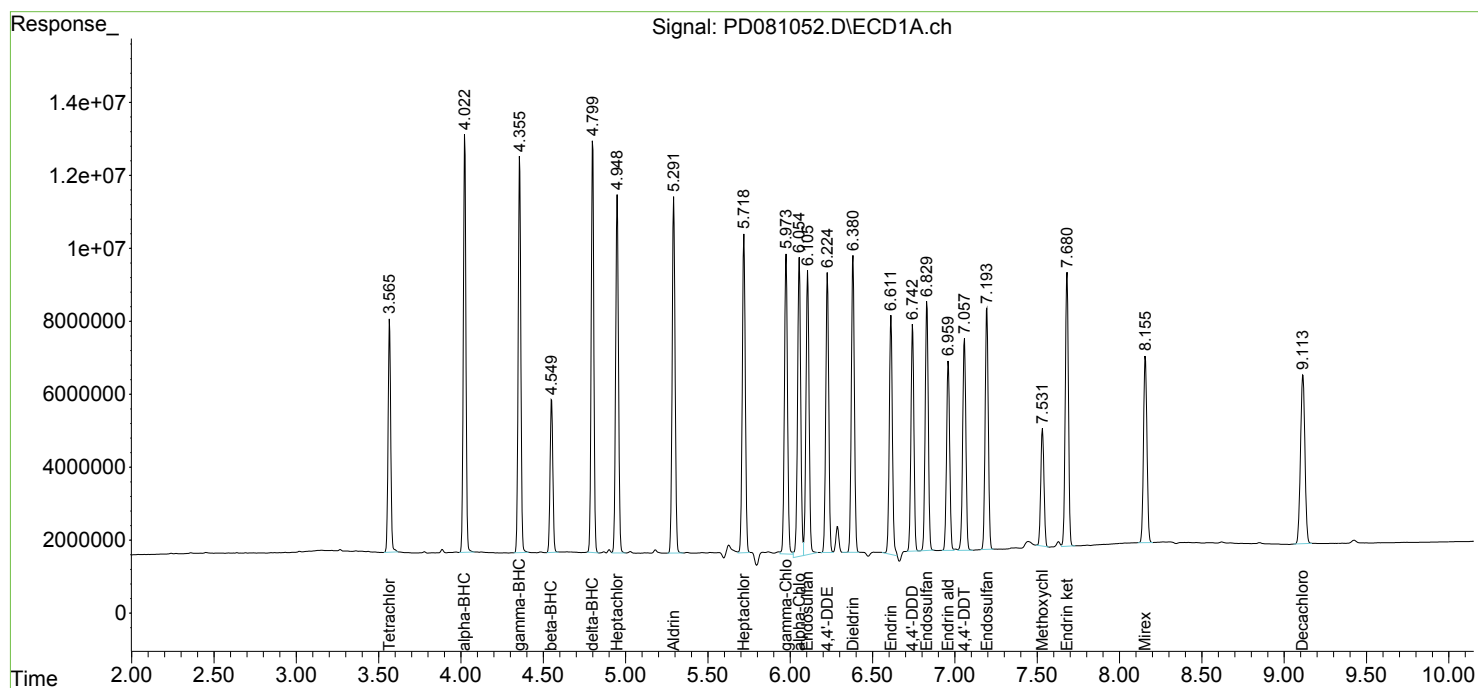
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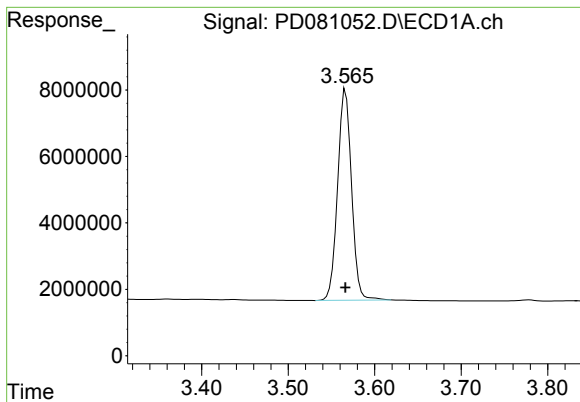
Reviewed By :Abdul Mirza 02/05/2024

Supervised By :Ankita Jodhani 02/05/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 03 01:56:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





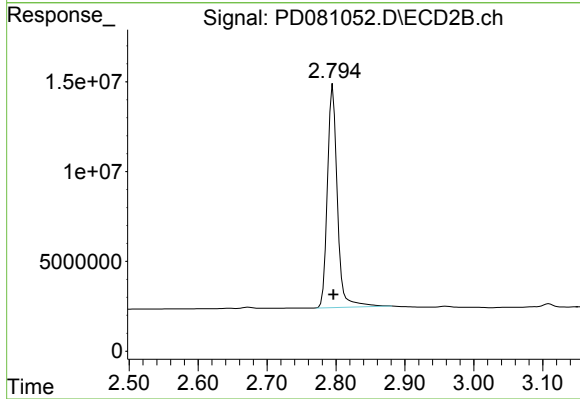
#1 Tetrachloro-m-xylene

R.T.: 3.567 min
Delta R.T.: 0.000 min
Response: 70685001
Conc: 49.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

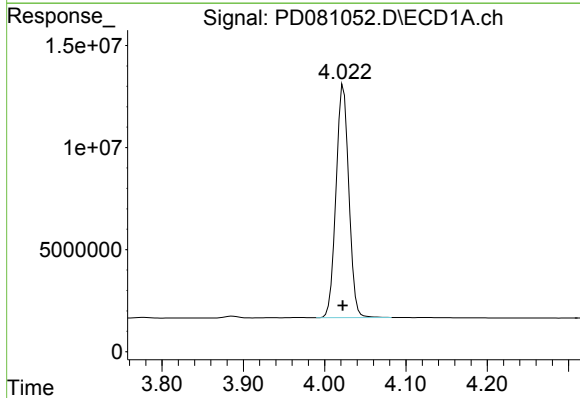
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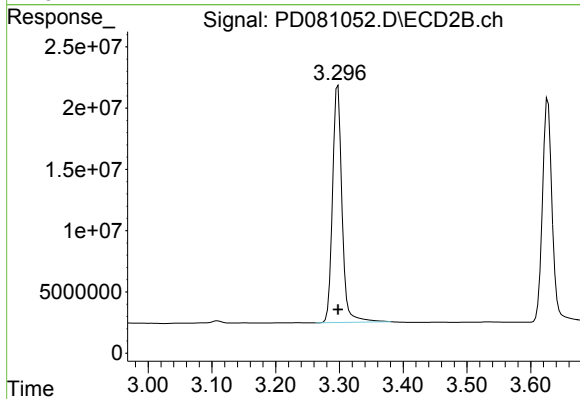
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 124227484
Conc: 51.93 ng/ml



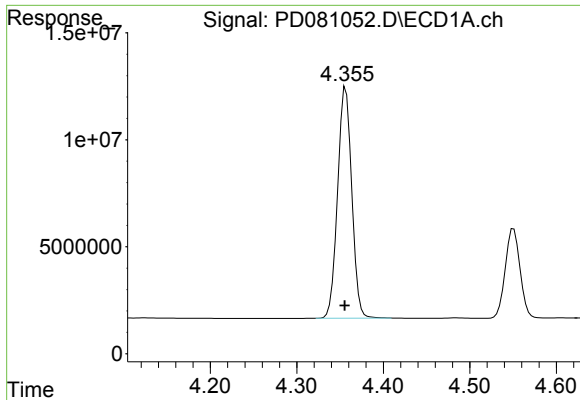
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 124785547
Conc: 50.24 ng/ml



#2 alpha-BHC

R.T.: 3.298 min
Delta R.T.: 0.000 min
Response: 200704845
Conc: 52.31 ng/ml



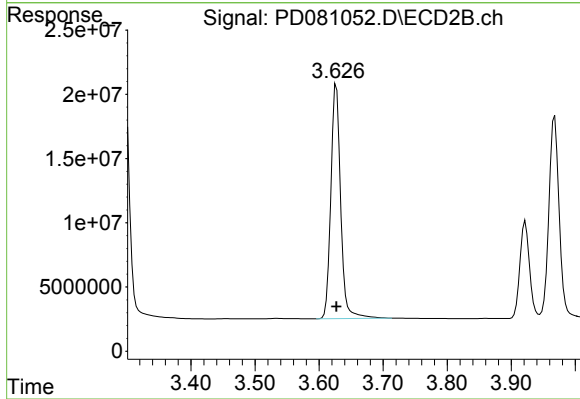
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.001 min
Response: 122102879
Conc: 49.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

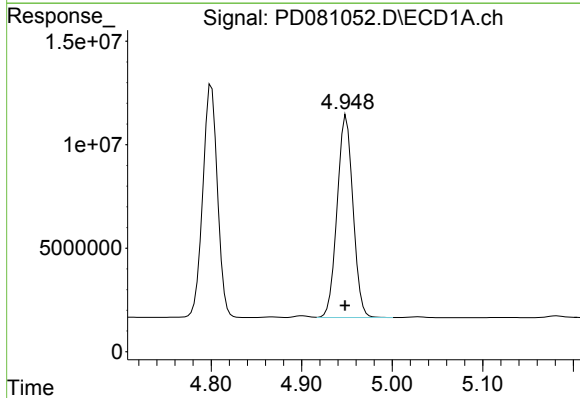
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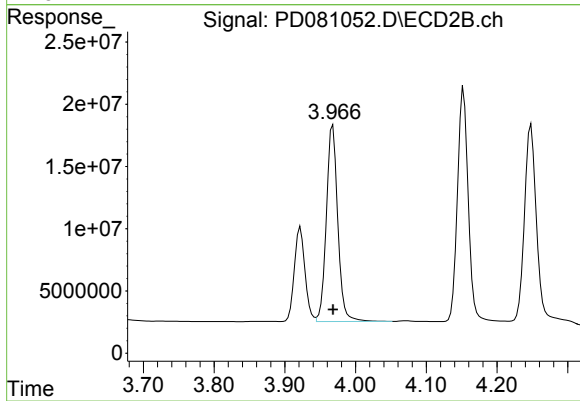
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 194553970
Conc: 52.03 ng/ml



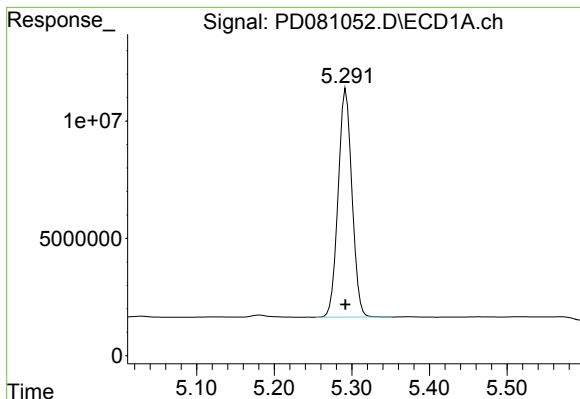
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.001 min
Response: 118901425
Conc: 48.21 ng/ml



#4 Heptachlor

R.T.: 3.968 min
Delta R.T.: 0.000 min
Response: 177389890
Conc: 51.45 ng/ml



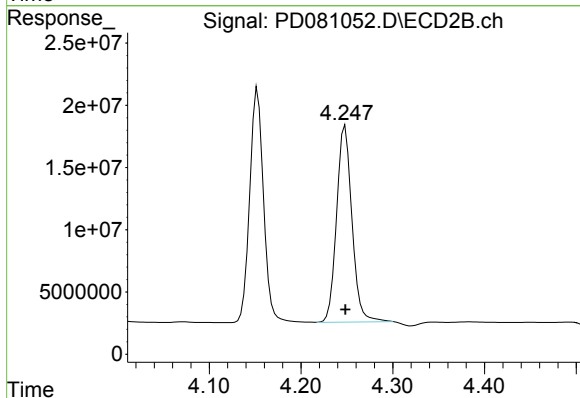
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 120318263
Conc: 49.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

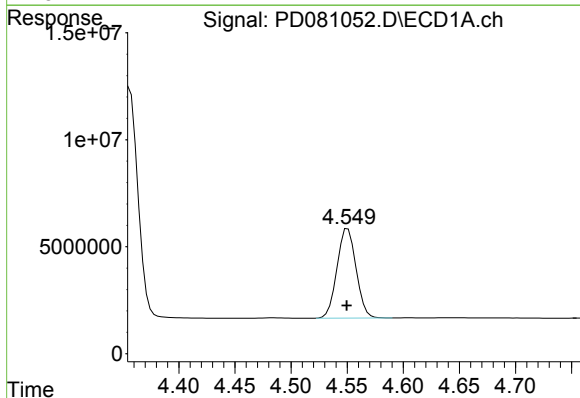
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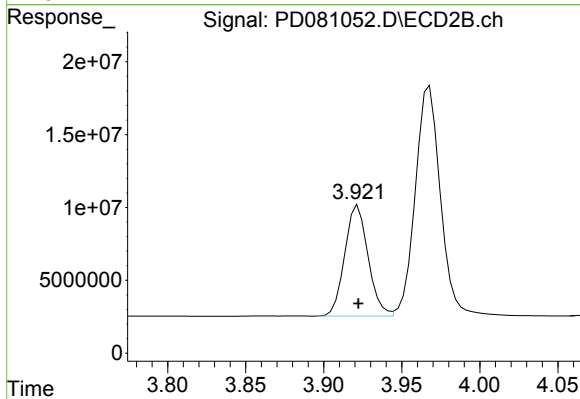
#5 Aldrin

R.T.: 4.247 min
Delta R.T.: -0.002 min
Response: 184179910
Conc: 50.57 ng/ml m



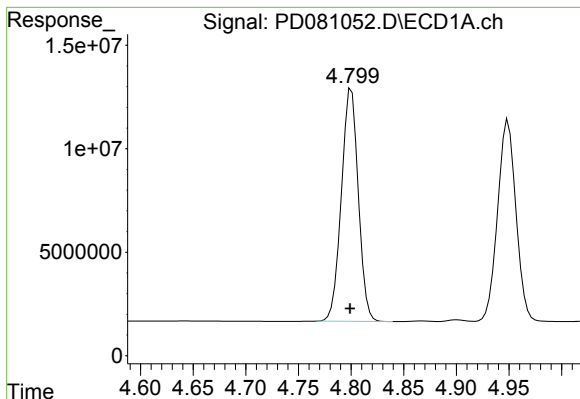
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 49575343
Conc: 48.99 ng/ml



#6 beta-BHC

R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 79177178
Conc: 50.67 ng/ml



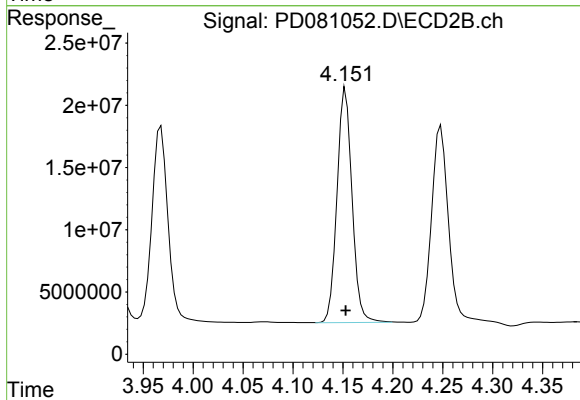
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: 0.001 min
Response: 126319254
Conc: 50.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

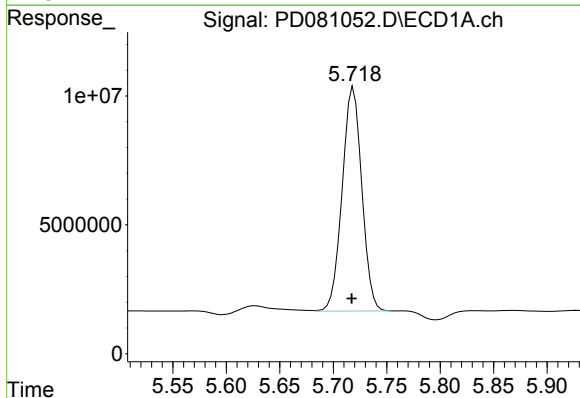
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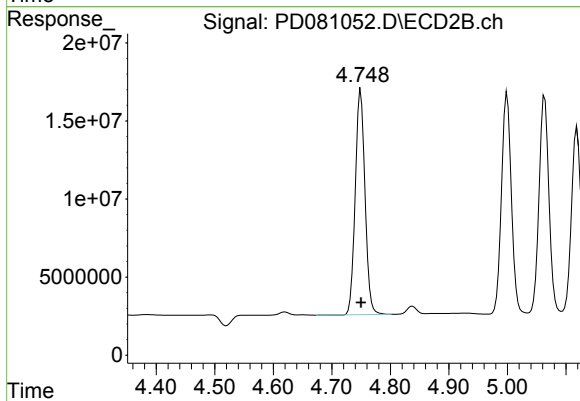
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.002 min
Response: 198022488
Conc: 52.76 ng/ml m



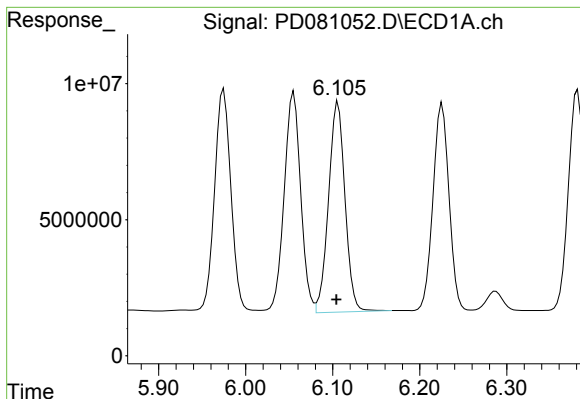
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 111048133
Conc: 49.59 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.749 min
Delta R.T.: 0.000 min
Response: 166439331
Conc: 49.69 ng/ml



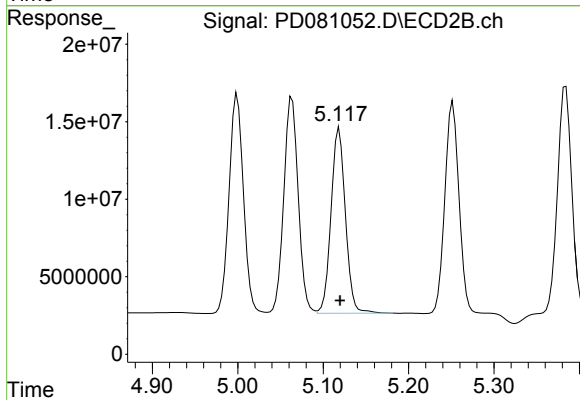
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: 0.002 min
Response: 101547980
Conc: 48.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

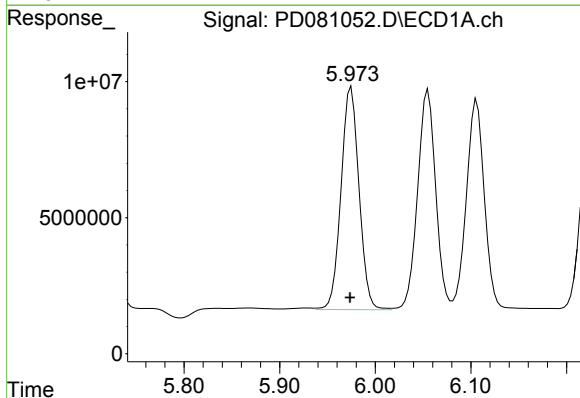
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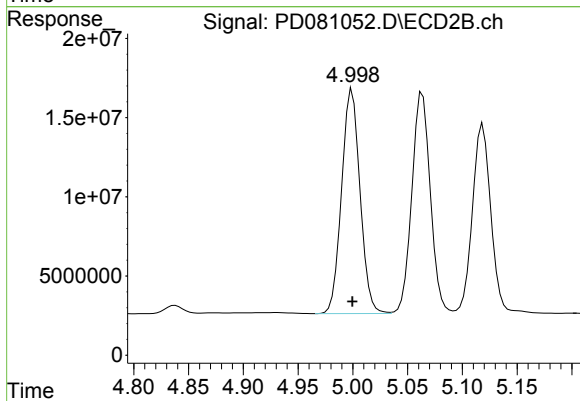
#9 Endosulfan I

R.T.: 5.119 min
Delta R.T.: -0.001 min
Response: 139974672
Conc: 45.70 ng/ml



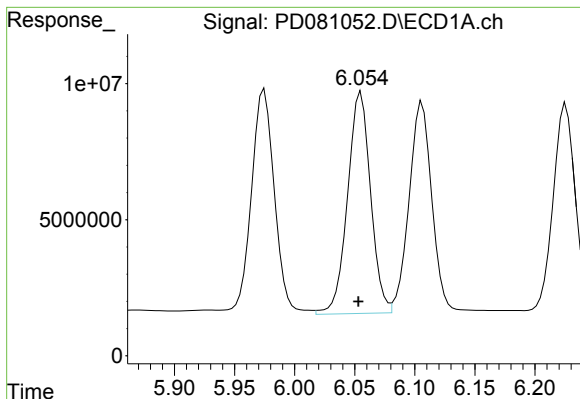
#10 gamma-Chlordane

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 107034936
Conc: 48.89 ng/ml m



#10 gamma-Chlordane

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 165862969
Conc: 50.71 ng/ml



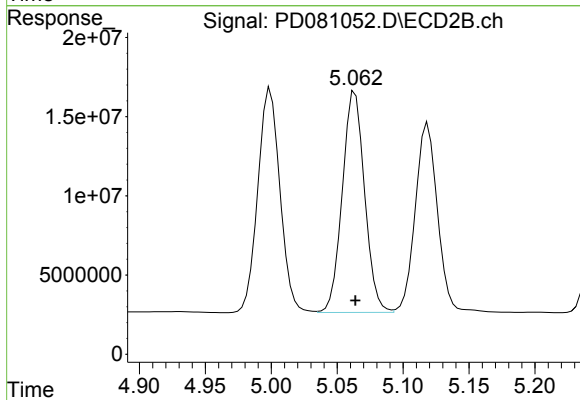
#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: 0.002 min
Response: 108779074
Conc: 49.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

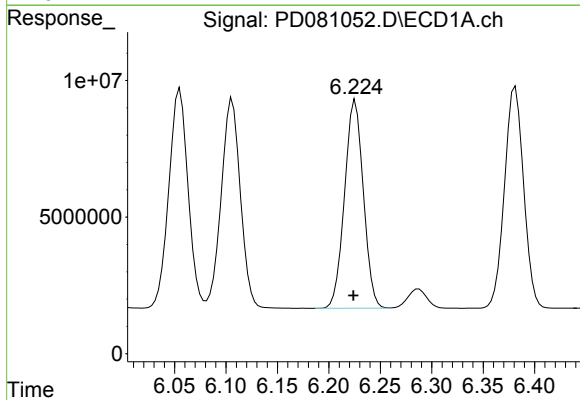
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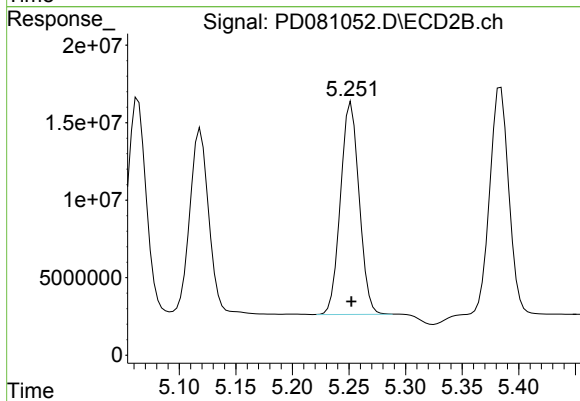
#11 alpha-Chlordane

R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 164143670
Conc: 50.20 ng/ml



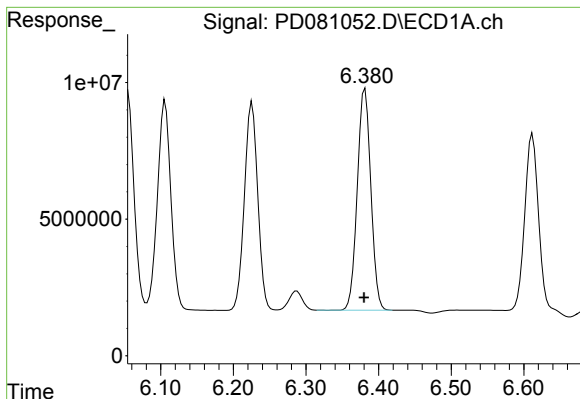
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 97172442
Conc: 47.75 ng/ml



#12 4,4'-DDE

R.T.: 5.251 min
Delta R.T.: -0.001 min
Response: 157170582
Conc: 51.31 ng/ml m



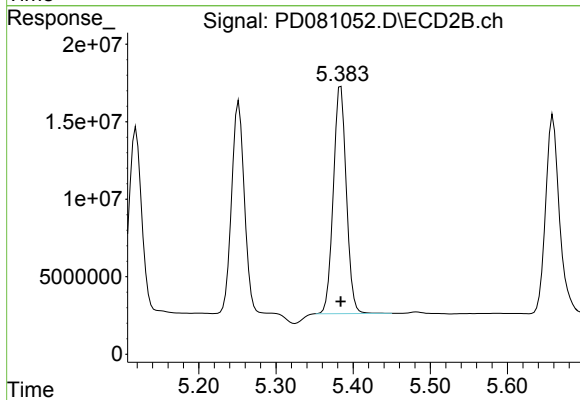
#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: 0.001 min
Response: 104973597
Conc: 47.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

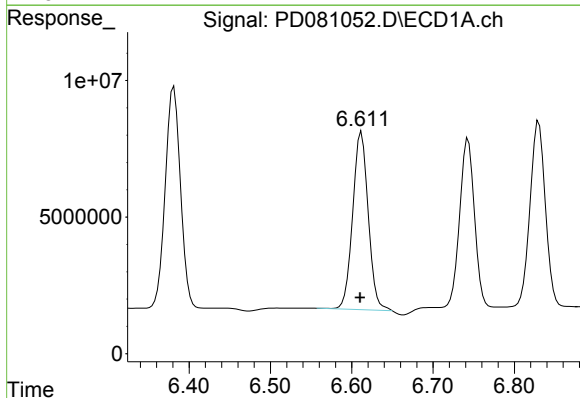
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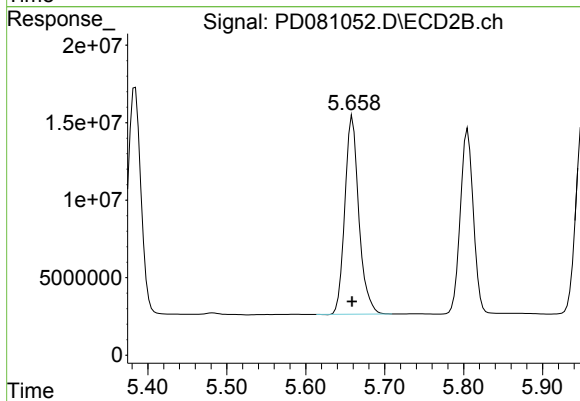
#13 Dieldrin

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 172555693
Conc: 50.74 ng/ml



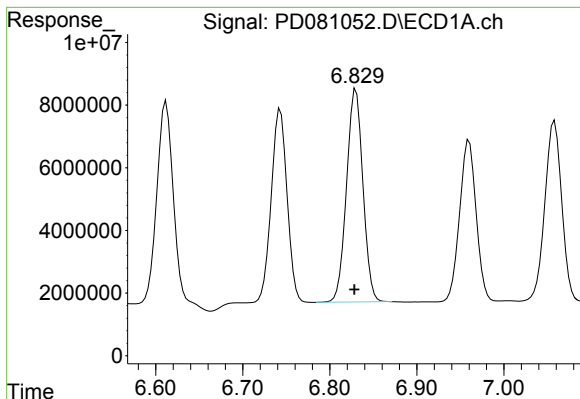
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 86189292
Conc: 46.15 ng/ml



#14 Endrin

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 157641482
Conc: 53.20 ng/ml



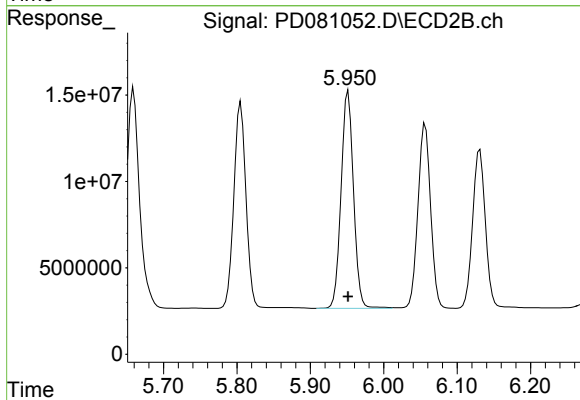
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.002 min
Response: 88807010
Conc: 45.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

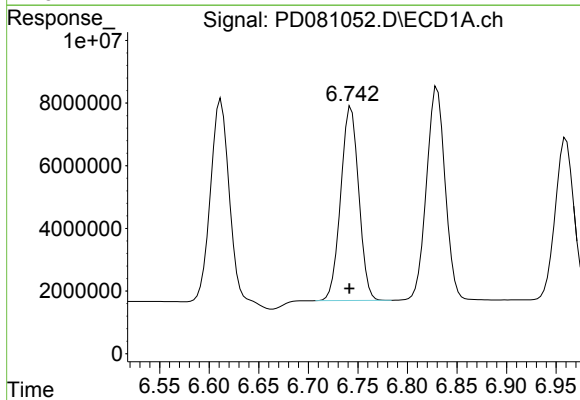
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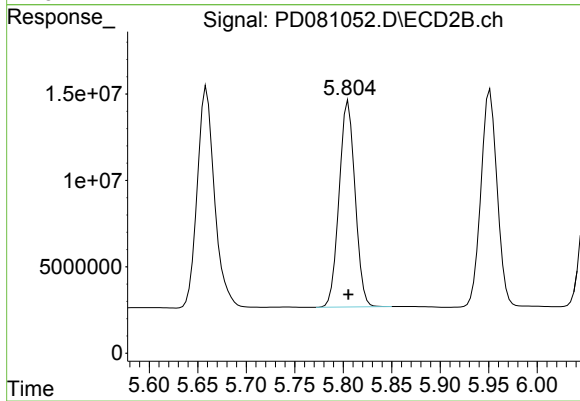
#15 Endosulfan II

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 148299464
Conc: 51.57 ng/ml



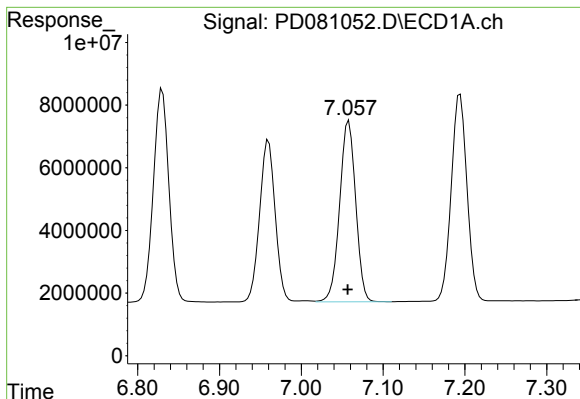
#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: 0.002 min
Response: 78367094
Conc: 47.69 ng/ml



#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 136388849
Conc: 51.95 ng/ml



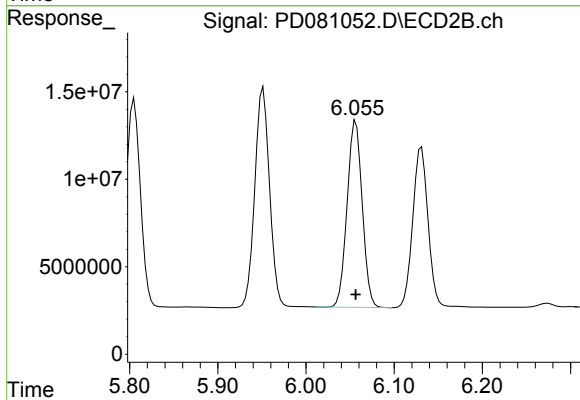
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.002 min
Response: 78307080
Conc: 43.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

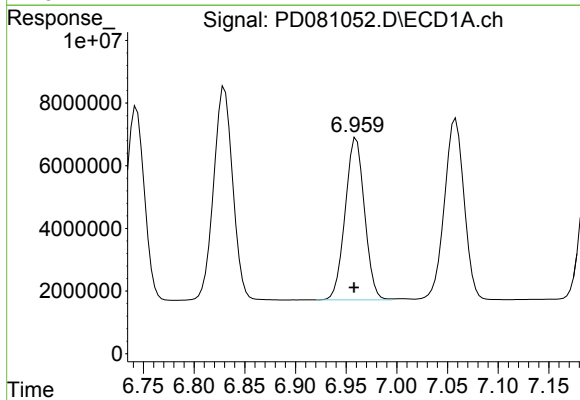
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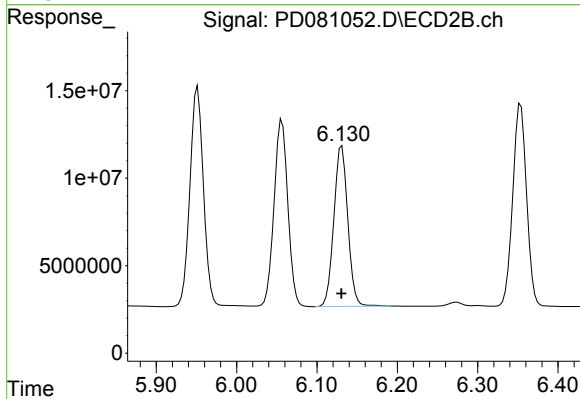
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 127072645
Conc: 47.90 ng/ml



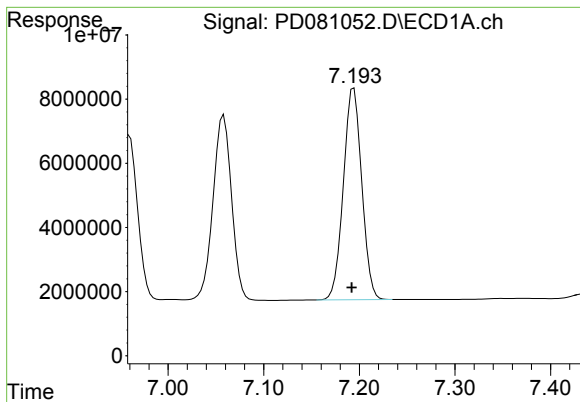
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.002 min
Response: 68490278
Conc: 45.03 ng/ml



#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 110809110
Conc: 49.15 ng/ml



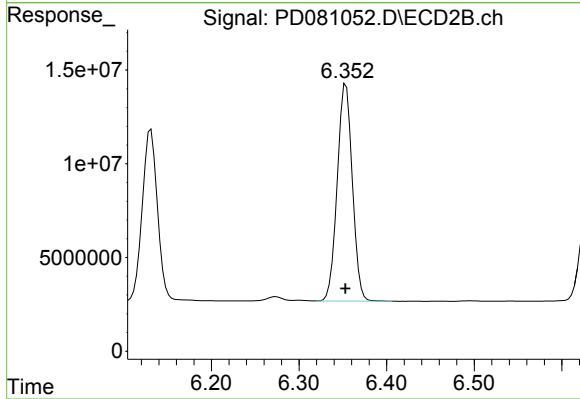
#19 Endosulfan Sulfate

R.T.: 7.194 min
Delta R.T.: 0.002 min
Response: 88316281
Conc: 46.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

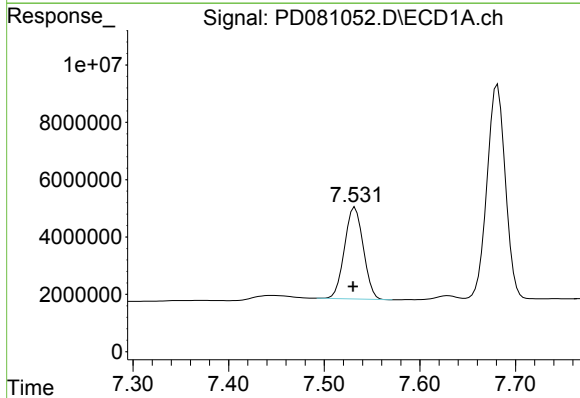
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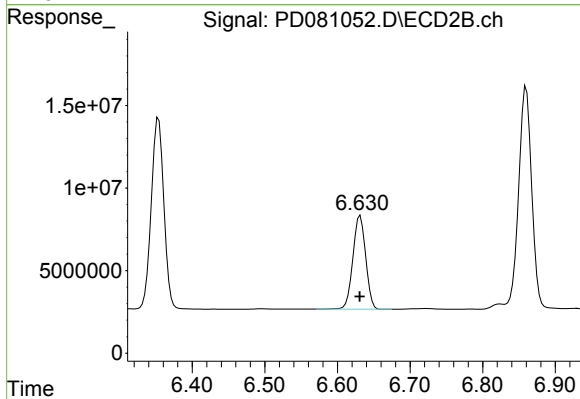
#19 Endosulfan Sulfate

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 139081132
Conc: 49.86 ng/ml



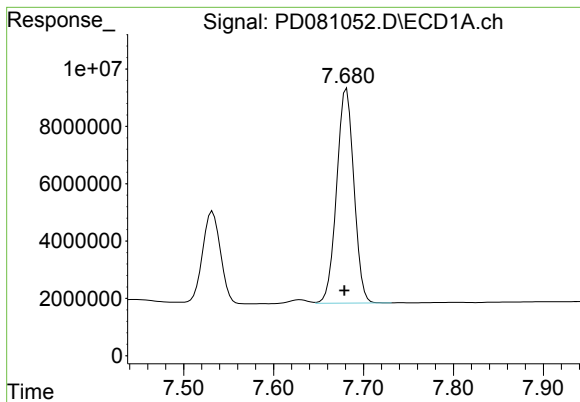
#20 Methoxychlor

R.T.: 7.532 min
Delta R.T.: 0.002 min
Response: 43831137
Conc: 42.58 ng/ml



#20 Methoxychlor

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 69465723
Conc: 44.38 ng/ml



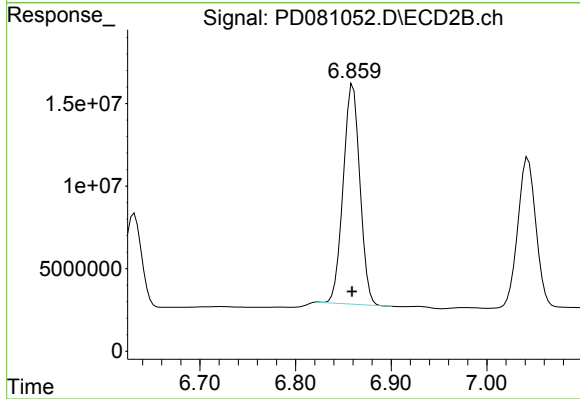
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.003 min
Response: 99746285
Conc: 47.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

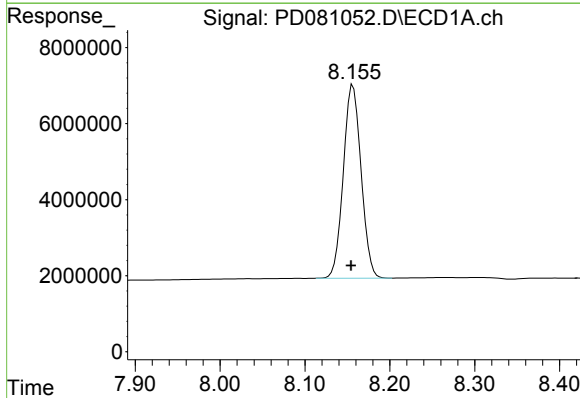
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2024
Supervised By :Ankita Jodhani 02/05/2024



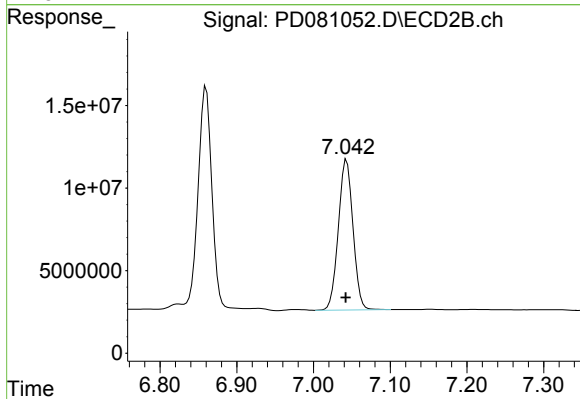
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 162132916
Conc: 50.24 ng/ml



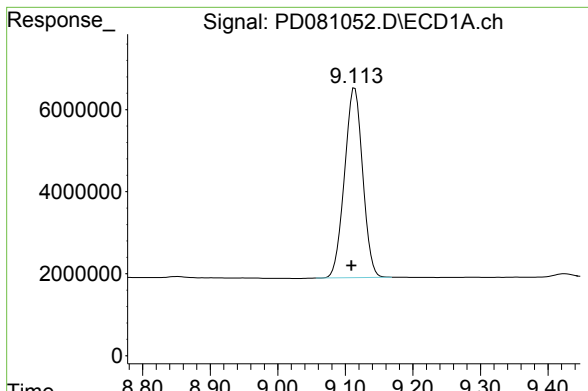
#22 Mirex

R.T.: 8.157 min
Delta R.T.: 0.003 min
Response: 74102380
Conc: 44.93 ng/ml



#22 Mirex

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 120925300
Conc: 47.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.005 min
Response: 86108440
Conc: 42.79 ng/ml

Instrument :

ECD_D

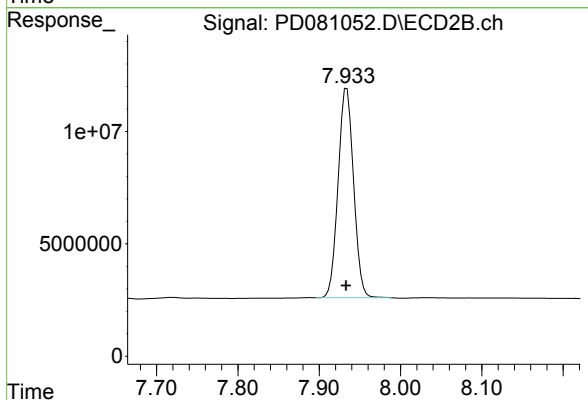
ClientSampleId :

PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.001 min
Response: 123043143
Conc: 46.19 ng/ml