

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
 Data File : PL091308.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2024 14:51
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/27/2024
 Supervised By :mohammad ahmed 08/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 02:06:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 13:09:19 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...	3.546	2.786	99496434	101.5E6	46.338	51.982
28)	SA Decachlor...	9.061	7.927	74214204	88710330	48.680	46.835
Target Compounds							
2)	A alpha-BHC	4.002	3.289	140.5E6	148.5E6	46.857	53.552
3)	MA gamma-BHC...	4.334	3.619	135.1E6	139.9E6	47.098	53.113
4)	MA Heptachlor	4.922	3.959	126.3E6	136.5E6	47.436m	52.859
5)	MB Aldrin	5.264	4.240	120.8E6	128.4E6	46.806	52.230
6)	B beta-BHC	4.530	3.918	64707410	60536723	47.848	51.430
7)	B delta-BHC	4.778	4.148	129.6E6	134.6E6	47.600	53.114
8)	B Heptachlo...	5.691	4.742	114.0E6	115.9E6	46.604	51.422
9)	A Endosulfan I	6.076	5.112	105.1E6	107.8E6	46.819	51.102
10)	B gamma-Chl...	5.945	4.992	112.2E6	121.6E6	46.417m	51.440
11)	B alpha-Chl...	6.026	5.056	112.8E6	120.6E6	46.864	51.279
12)	B 4,4'-DDE	6.198	5.243	98458935	108.5E6	47.062	51.935m
13)	MA Dieldrin	6.351	5.376	109.9E6	117.3E6	46.663	51.487
14)	MA Endrin	6.579	5.652	95266848	103.7E6	49.126m	50.928
15)	B Endosulfa...	6.800	5.946	96461461	100.3E6	47.667	51.821
16)	A 4,4'-DDD	6.715	5.799	82740705	86457847	54.745	52.374
17)	MA 4,4'-DDT	7.029	6.050	88870569	94433110	50.066	53.160
18)	B Endrin al...	6.930	6.125	74675311	77287966	46.777	49.617
19)	B Endosulfa...	7.163	6.348	89759064	95803967	46.783	49.691
20)	A Methoxychlor	7.504	6.625	48546396	49851035	51.631	50.203
21)	B Endrin ke...	7.649	6.852	97397019	111.4E6	46.386	51.133m
22)	Mirex	8.122	7.035	78213264	87425313	45.977	46.841

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
Data File : PL091308.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2024 14:51
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

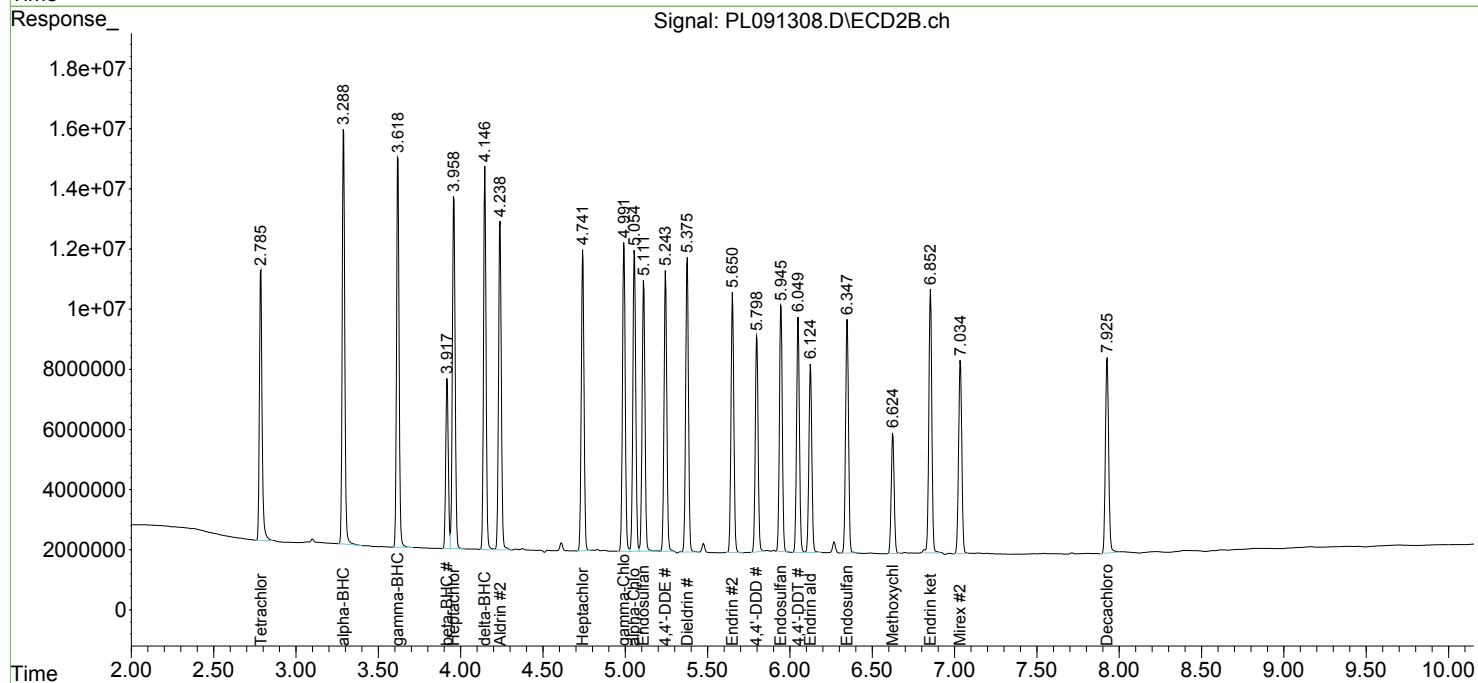
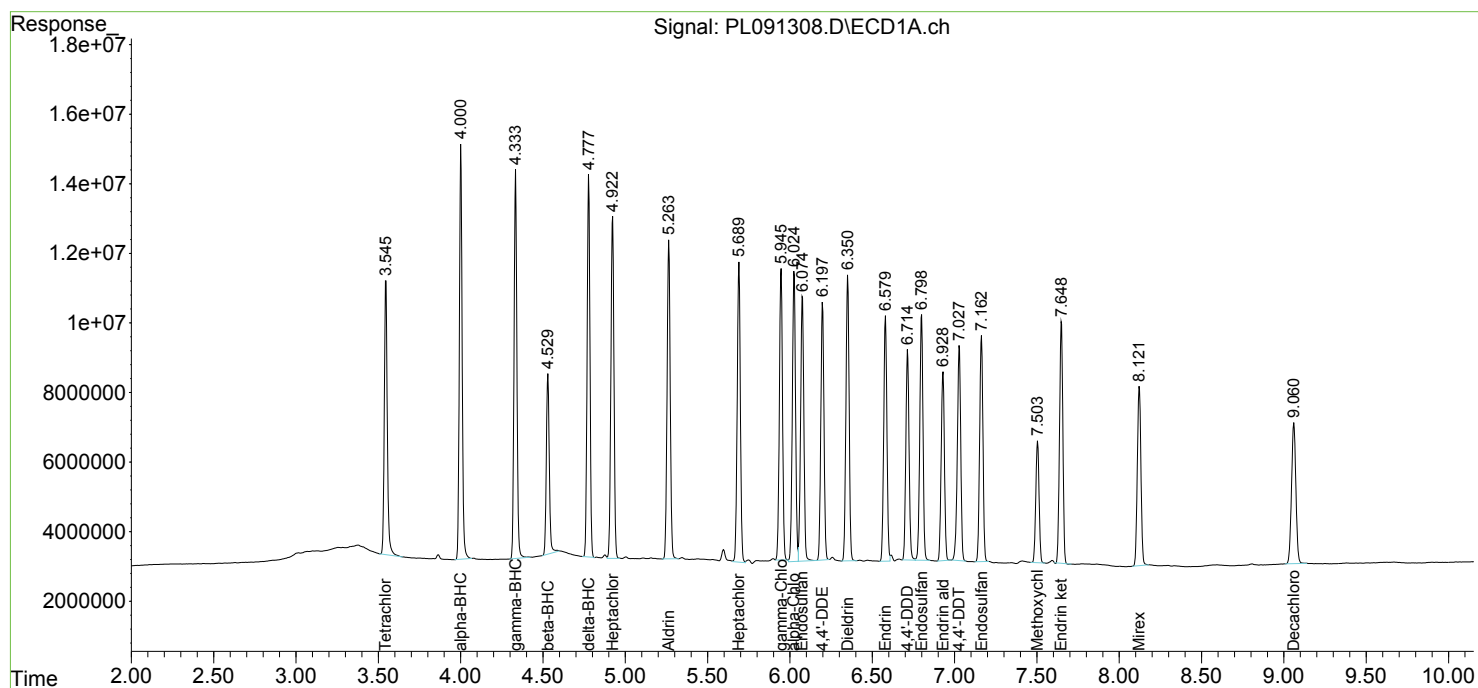
APPROVED

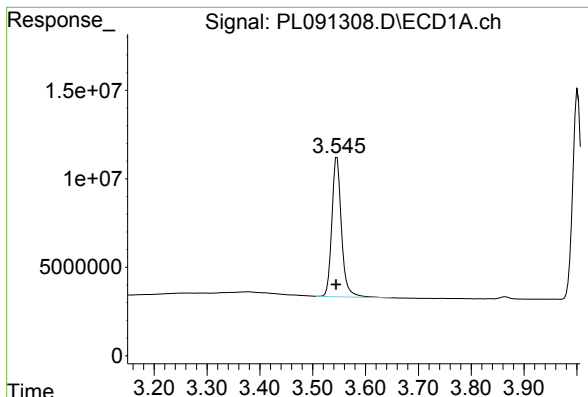
Reviewed By :Abdul Mirza 08/27/2024

Supervised By :mohammad ahmed 08/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 27 02:06:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 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





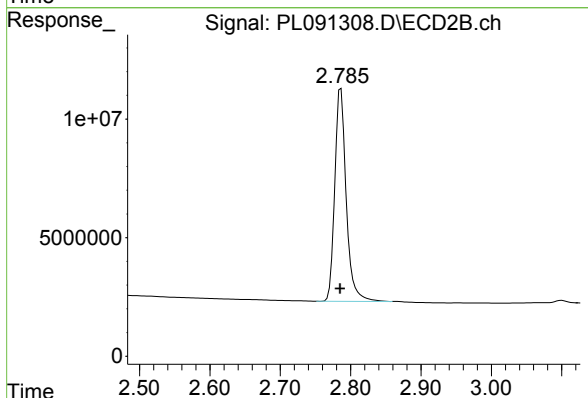
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.002 min
Response: 99496434
Conc: 46.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

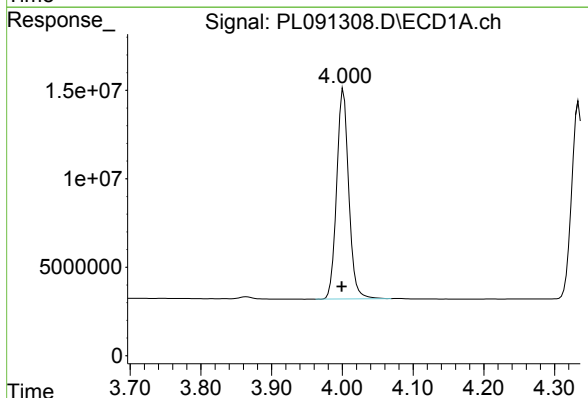
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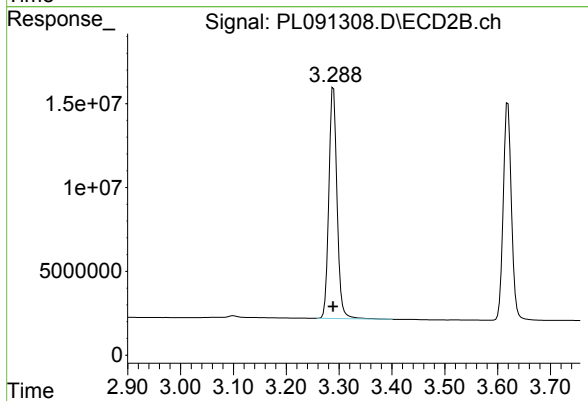
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.001 min
Response: 101469755
Conc: 51.98 ng/ml



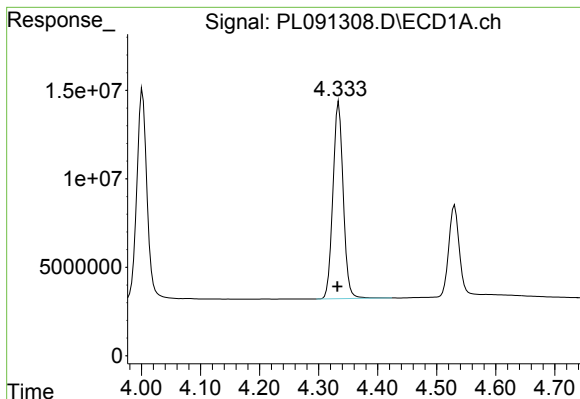
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.003 min
Response: 140468619
Conc: 46.86 ng/ml



#2 alpha-BHC

R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 148523654
Conc: 53.55 ng/ml



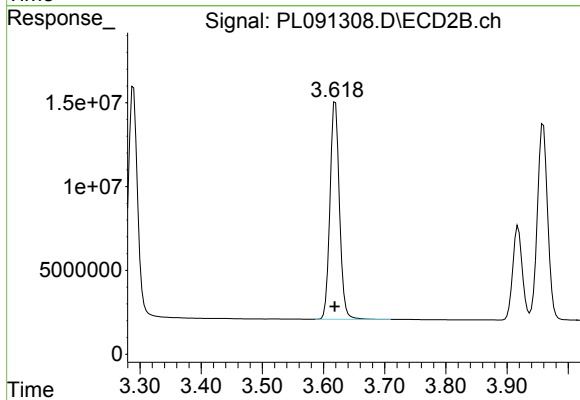
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.002 min
Response: 135107440
Conc: 47.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

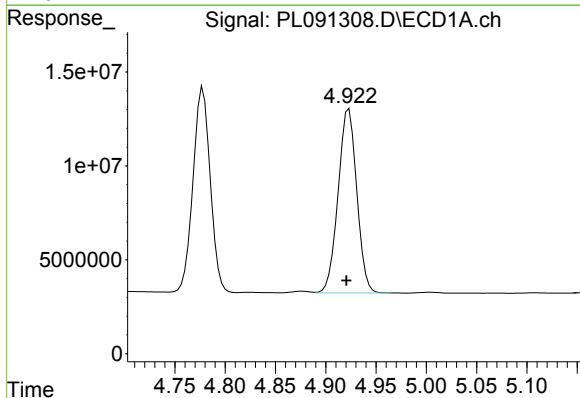
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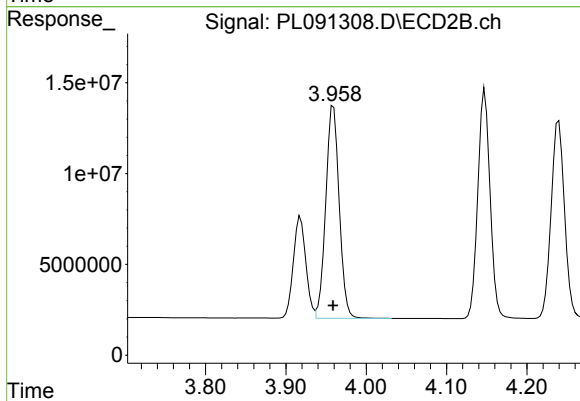
#3 gamma-BHC (Lindane)

R.T.: 3.619 min
Delta R.T.: 0.000 min
Response: 139896759
Conc: 53.11 ng/ml



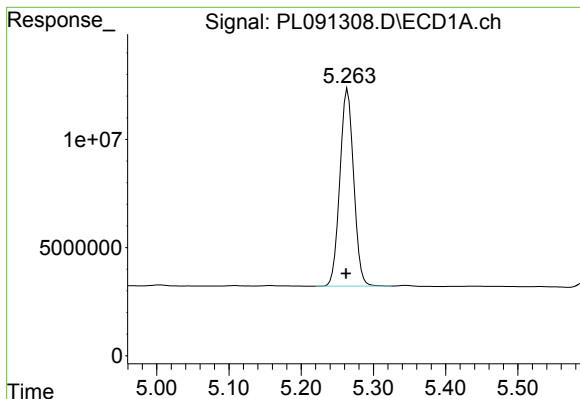
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.001 min
Response: 126322736
Conc: 47.44 ng/ml m



#4 Heptachlor

R.T.: 3.959 min
Delta R.T.: 0.000 min
Response: 136518063
Conc: 52.86 ng/ml



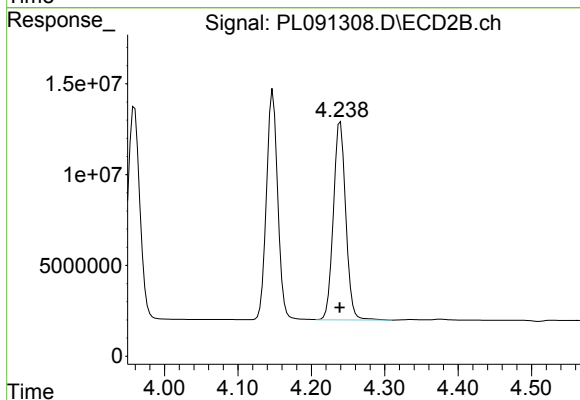
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.002 min
Response: 120800901
Conc: 46.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

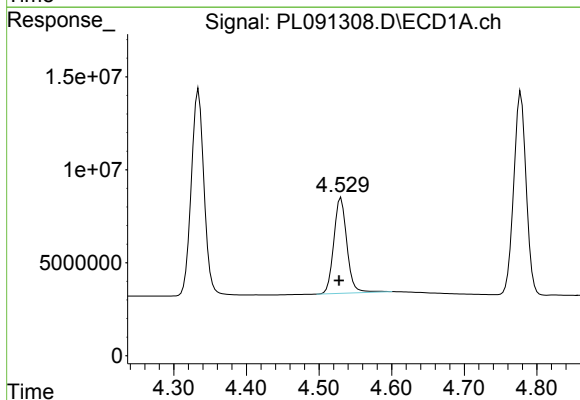
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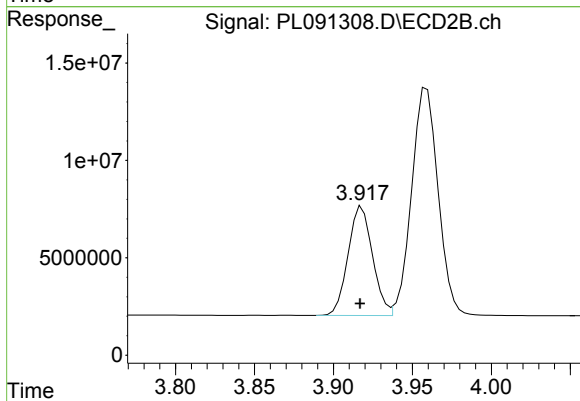
#5 Aldrin

R.T.: 4.240 min
Delta R.T.: 0.000 min
Response: 128441641
Conc: 52.23 ng/ml



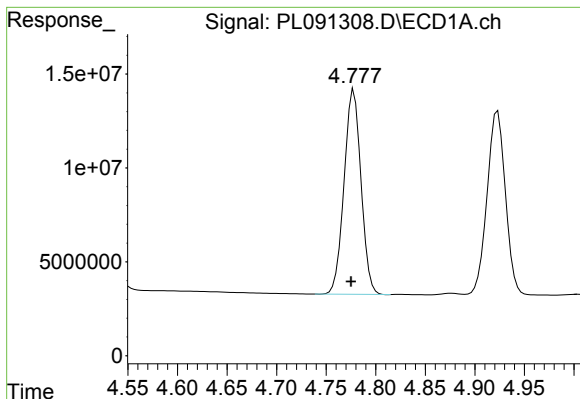
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.003 min
Response: 64707410
Conc: 47.85 ng/ml



#6 beta-BHC

R.T.: 3.918 min
Delta R.T.: 0.001 min
Response: 60536723
Conc: 51.43 ng/ml



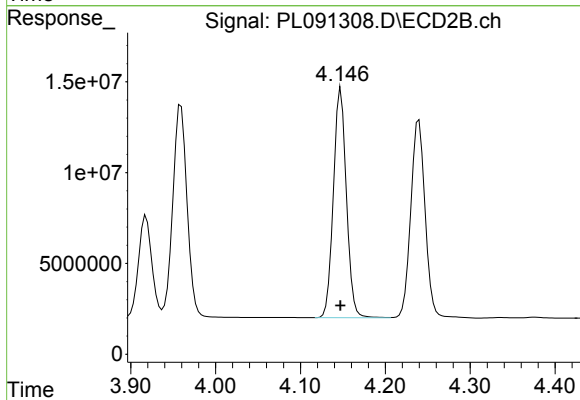
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.003 min
Response: 129590513
Conc: 47.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

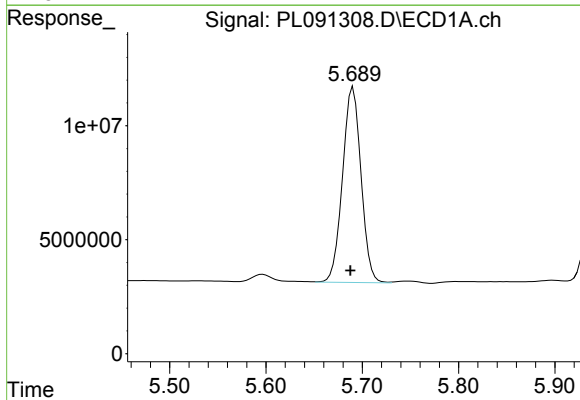
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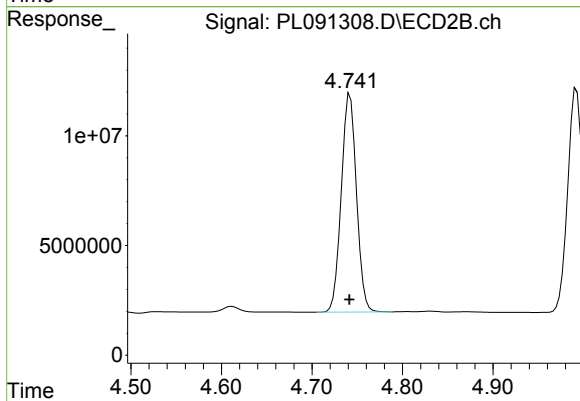
#7 delta-BHC

R.T.: 4.148 min
Delta R.T.: 0.000 min
Response: 134602655
Conc: 53.11 ng/ml



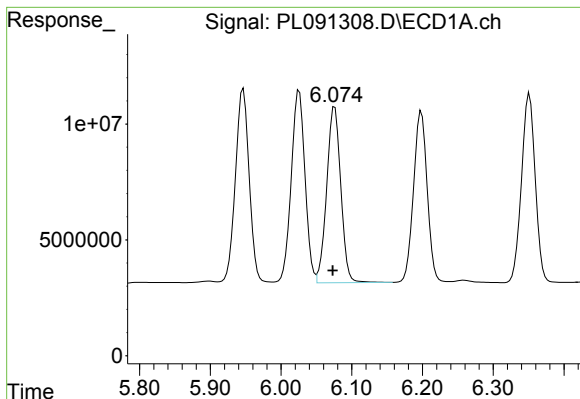
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.003 min
Response: 114019294
Conc: 46.60 ng/ml



#8 Heptachlor epoxide

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 115949396
Conc: 51.42 ng/ml



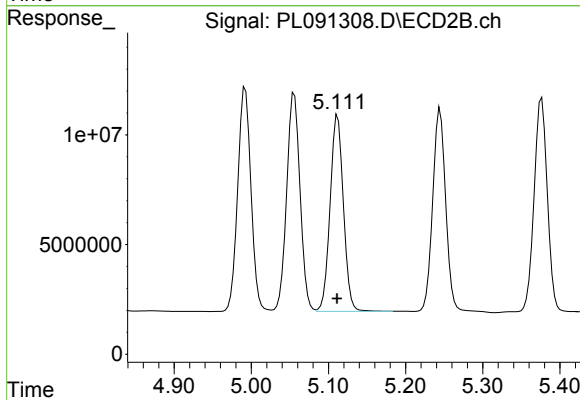
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.003 min
Response: 105123842
Conc: 46.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

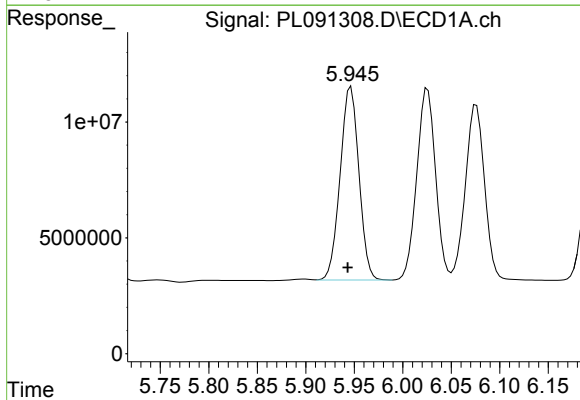
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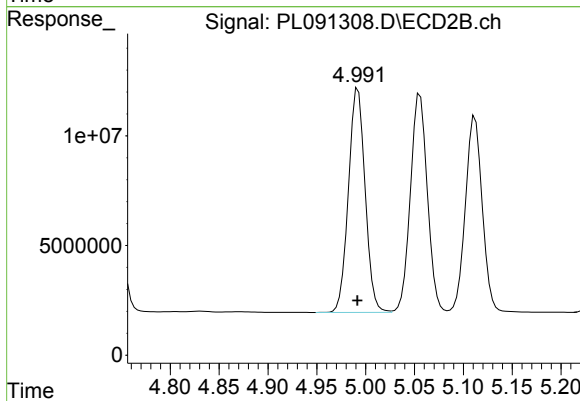
#9 Endosulfan I

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 107833895
Conc: 51.10 ng/ml



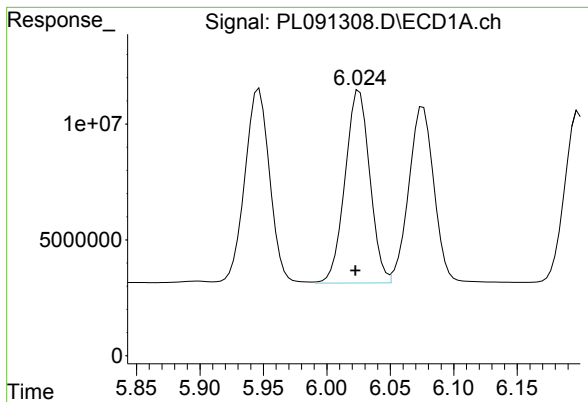
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.002 min
Response: 112162279
Conc: 46.42 ng/ml m



#10 gamma-Chlordane

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 121602272
Conc: 51.44 ng/ml



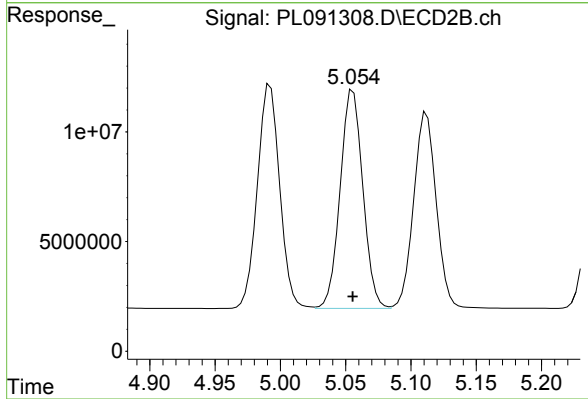
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.003 min
Response: 112835262
Conc: 46.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

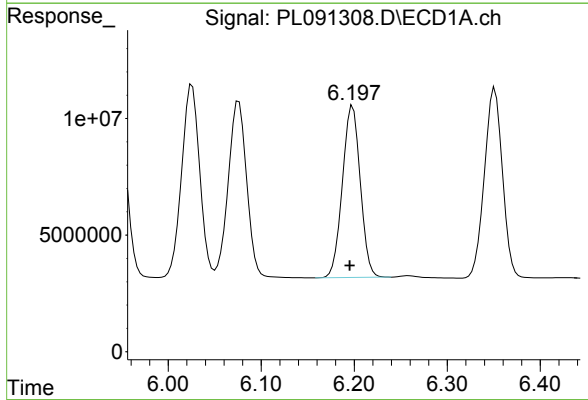
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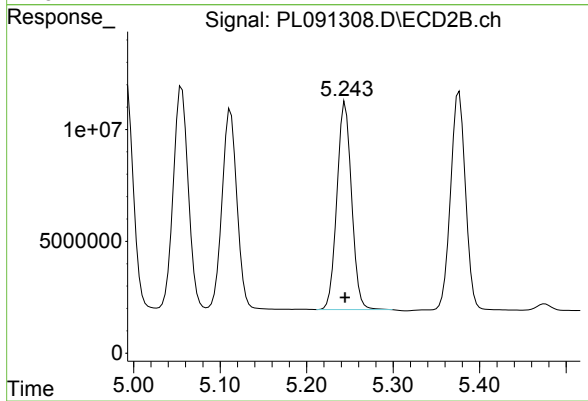
#11 alpha-Chlordane

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 120636795
Conc: 51.28 ng/ml



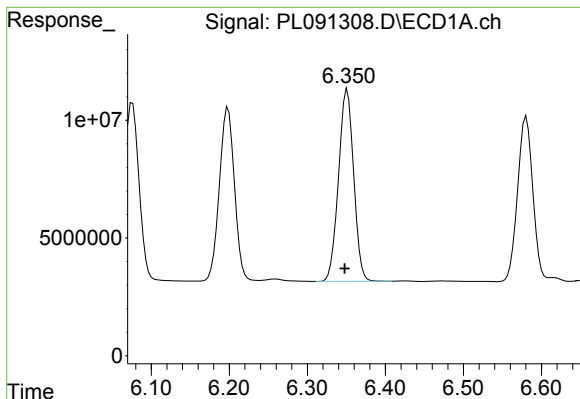
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.003 min
Response: 98458935
Conc: 47.06 ng/ml



#12 4,4'-DDE

R.T.: 5.243 min
Delta R.T.: -0.001 min
Response: 108513301
Conc: 51.93 ng/ml m



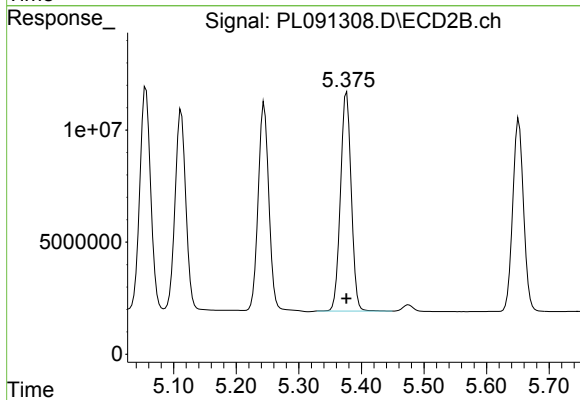
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.003 min
Response: 109901250
Conc: 46.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

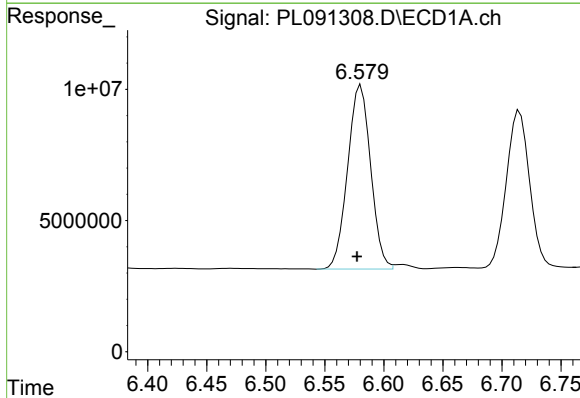
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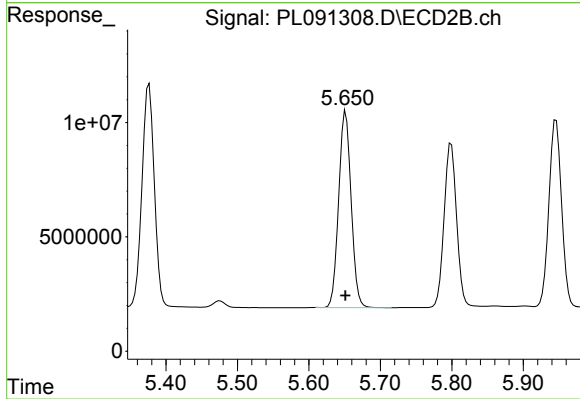
#13 Dieldrin

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 117262832
Conc: 51.49 ng/ml



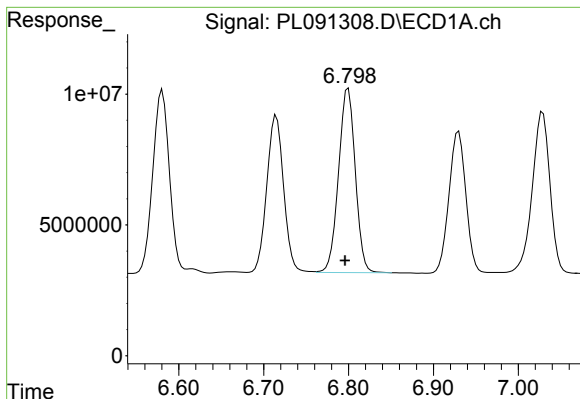
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.002 min
Response: 95266848
Conc: 49.13 ng/ml m



#14 Endrin

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 103747560
Conc: 50.93 ng/ml



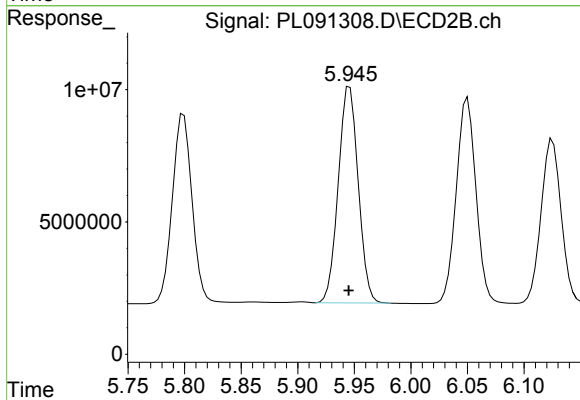
#15 Endosulfan II

R.T.: 6.800 min
Delta R.T.: 0.004 min
Response: 96461461
Conc: 47.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

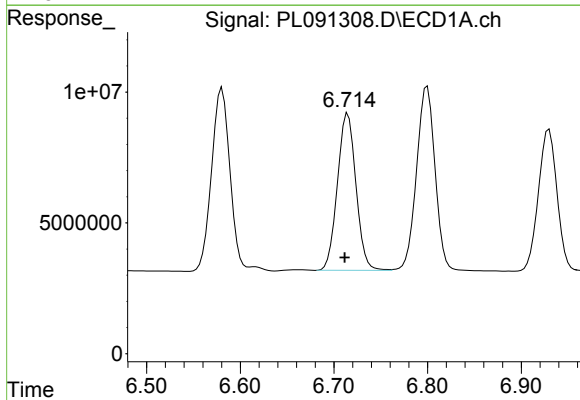
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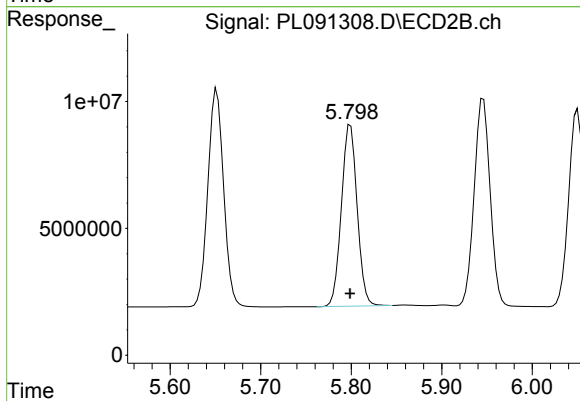
#15 Endosulfan II

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 100256944
Conc: 51.82 ng/ml



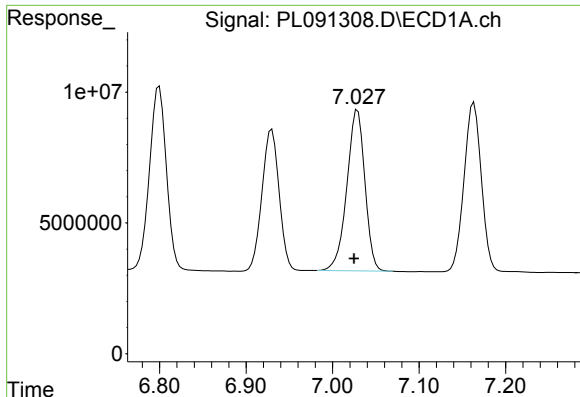
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.004 min
Response: 82740705
Conc: 54.75 ng/ml



#16 4,4'-DDD

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 86457847
Conc: 52.37 ng/ml



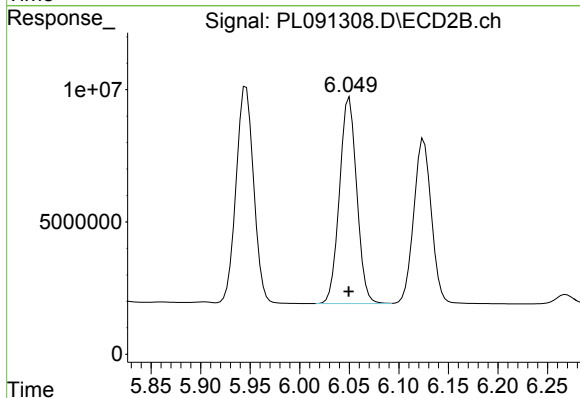
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.004 min
Response: 88870569
Conc: 50.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

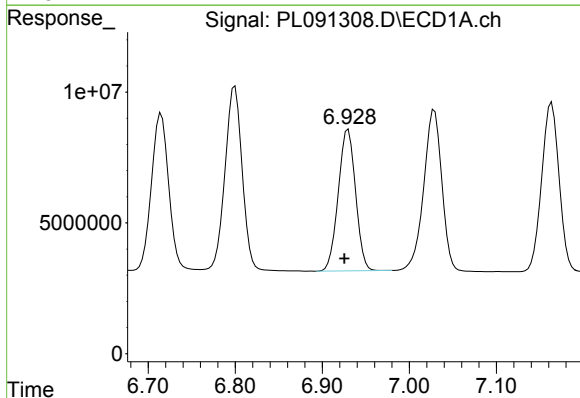
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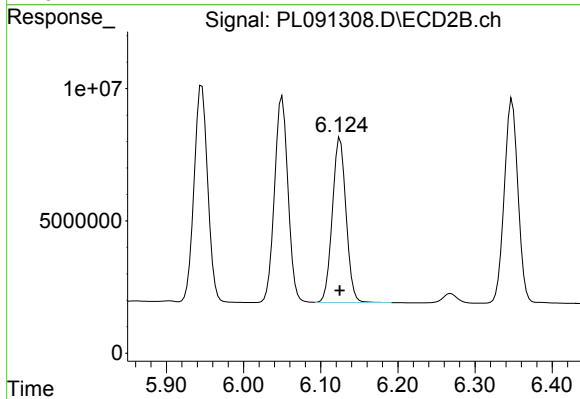
#17 4,4'-DDT

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 94433110
Conc: 53.16 ng/ml



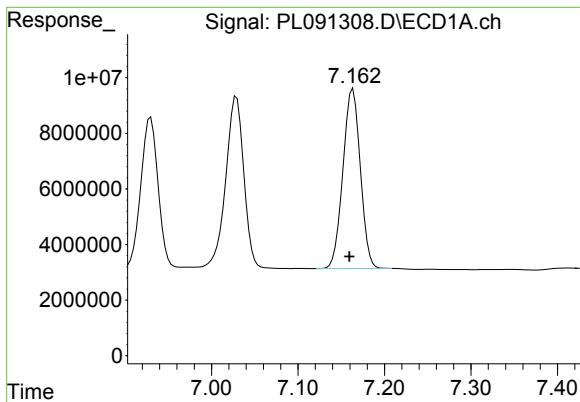
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.004 min
Response: 74675311
Conc: 46.78 ng/ml



#18 Endrin aldehyde

R.T.: 6.125 min
Delta R.T.: 0.000 min
Response: 77287966
Conc: 49.62 ng/ml



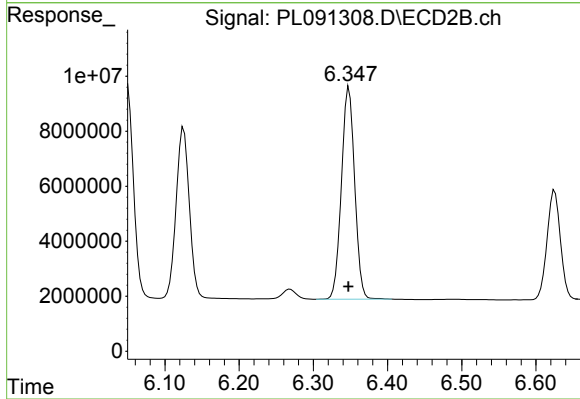
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.004 min
Response: 89759064
Conc: 46.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

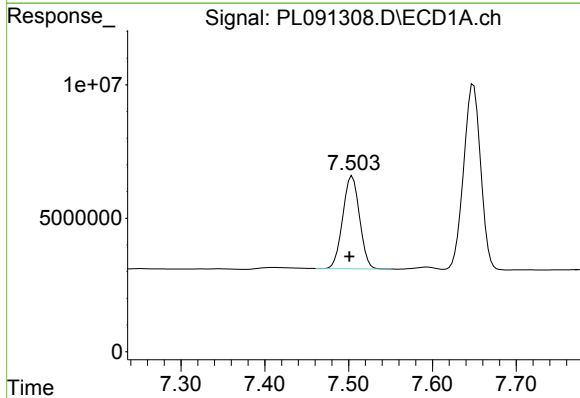
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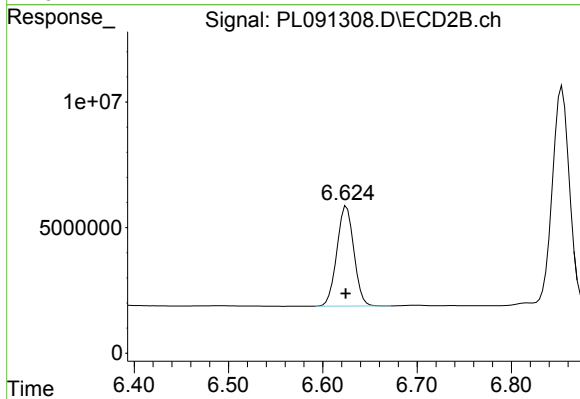
#19 Endosulfan Sulfate

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 95803967
Conc: 49.69 ng/ml



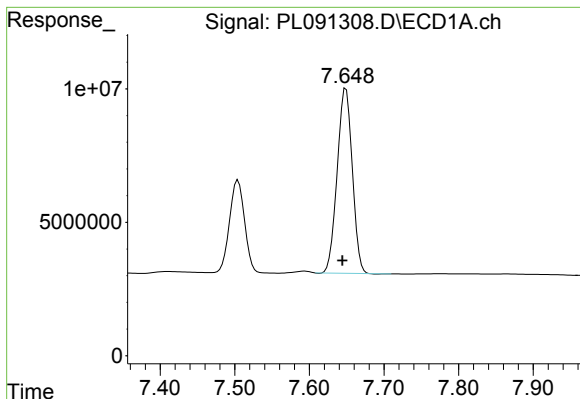
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.004 min
Response: 48546396
Conc: 51.63 ng/ml



#20 Methoxychlor

R.T.: 6.625 min
Delta R.T.: 0.000 min
Response: 49851035
Conc: 50.20 ng/ml



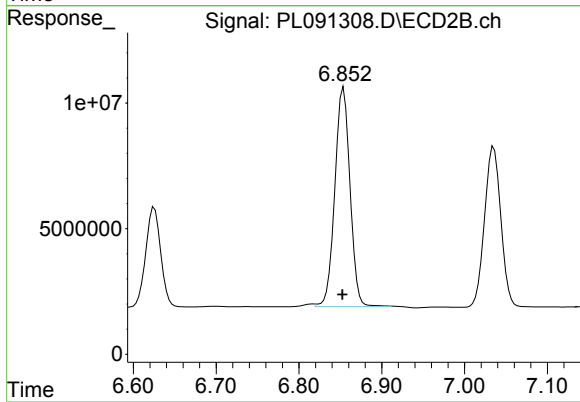
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.004 min
Response: 97397019
Conc: 46.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

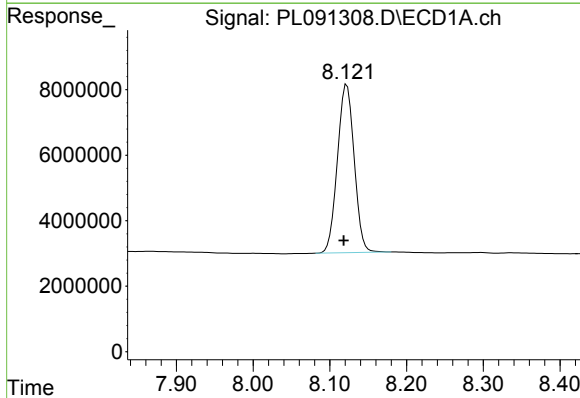
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



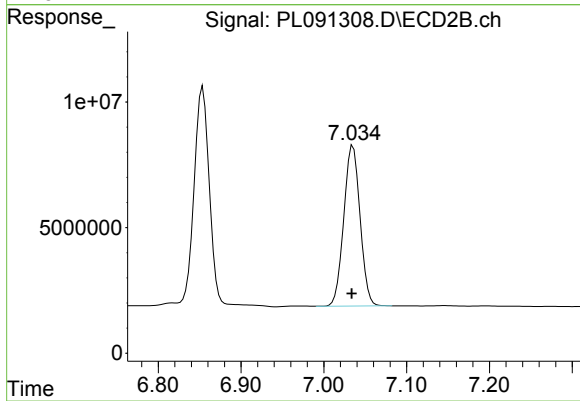
#21 Endrin ketone

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 111364957
Conc: 51.13 ng/ml m



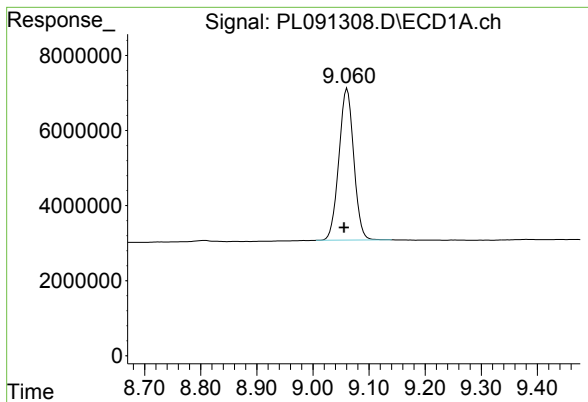
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.004 min
Response: 78213264
Conc: 45.98 ng/ml



#22 Mirex

R.T.: 7.035 min
Delta R.T.: 0.001 min
Response: 87425313
Conc: 46.84 ng/ml



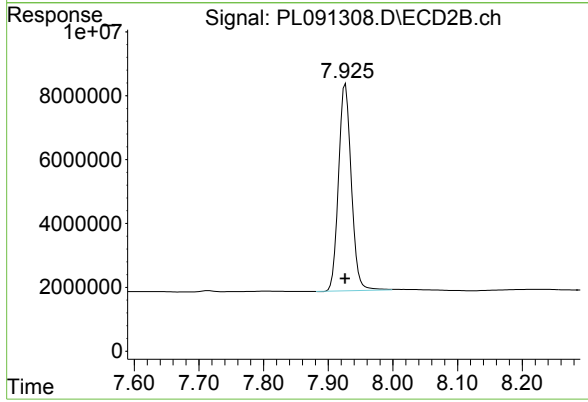
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.006 min
Response: 74214204
Conc: 48.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 08/28/2024



#28 Decachlorobiphenyl

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 88710330
Conc: 46.83 ng/ml