

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112024\
 Data File : PL093189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2024 16:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/21/2024
 Supervised By :Ankita Jodhani 11/21/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 23:19:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 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...	3.537	2.774	117.5E6	132.3E6	47.941	48.631
28)	SA Decachlor...	9.055	7.913	84572698	133.0E6	43.944	48.737
Target Compounds							
2)	A alpha-BHC	3.993	3.277	163.6E6	197.9E6	48.225	49.600
3)	MA gamma-BHC...	4.326	3.607	154.6E6	191.1E6	47.418	49.525
4)	MA Heptachlor	4.914	3.946	134.7E6	182.1E6	44.858	48.251
5)	MB Aldrin	5.254	4.226	135.4E6	183.0E6	45.107m	49.996
6)	B beta-BHC	4.523	3.907	67291267	80446843	46.553	48.867
7)	B delta-BHC	4.771	4.136	147.1E6	192.8E6	47.009	50.158
8)	B Heptachlo...	5.682	4.728	124.1E6	166.2E6	44.928	49.742
9)	A Endosulfan I	6.068	5.098	110.8E6	143.7E6	44.310	47.079
10)	B gamma-Chl...	5.939	4.978	116.6E6	168.4E6	43.835	50.106
11)	B alpha-Chl...	6.017	5.042	116.9E6	165.7E6	44.156	49.812
12)	B 4,4'-DDE	6.191	5.231	106.8E6	165.5E6	45.082	51.375
13)	MA Dieldrin	6.343	5.363	117.1E6	168.0E6	44.429	50.290
14)	MA Endrin	6.573	5.638	95066712	136.3E6	41.757	47.116
15)	B Endosulfa...	6.793	5.933	100.6E6	143.2E6	42.196	50.526
16)	A 4,4'-DDD	6.707	5.786	88093188	135.1E6	45.893m	54.248
17)	MA 4,4'-DDT	7.023	6.035	83301469	120.7E6	40.247	45.003m
18)	B Endrin al...	6.923	6.112	83961376	116.8E6	44.708	50.632
19)	B Endosulfa...	7.158	6.335	94195859	135.5E6	43.401	50.257
20)	A Methoxychlor	7.499	6.612	45885497	65381318	40.250	45.784
21)	B Endrin ke...	7.643	6.841	109.3E6	158.6E6	45.115	51.673
22)	Mirex	8.117	7.020	82702745	124.0E6	41.733	47.541m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112024\
Data File : PL093189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2024 16:10
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

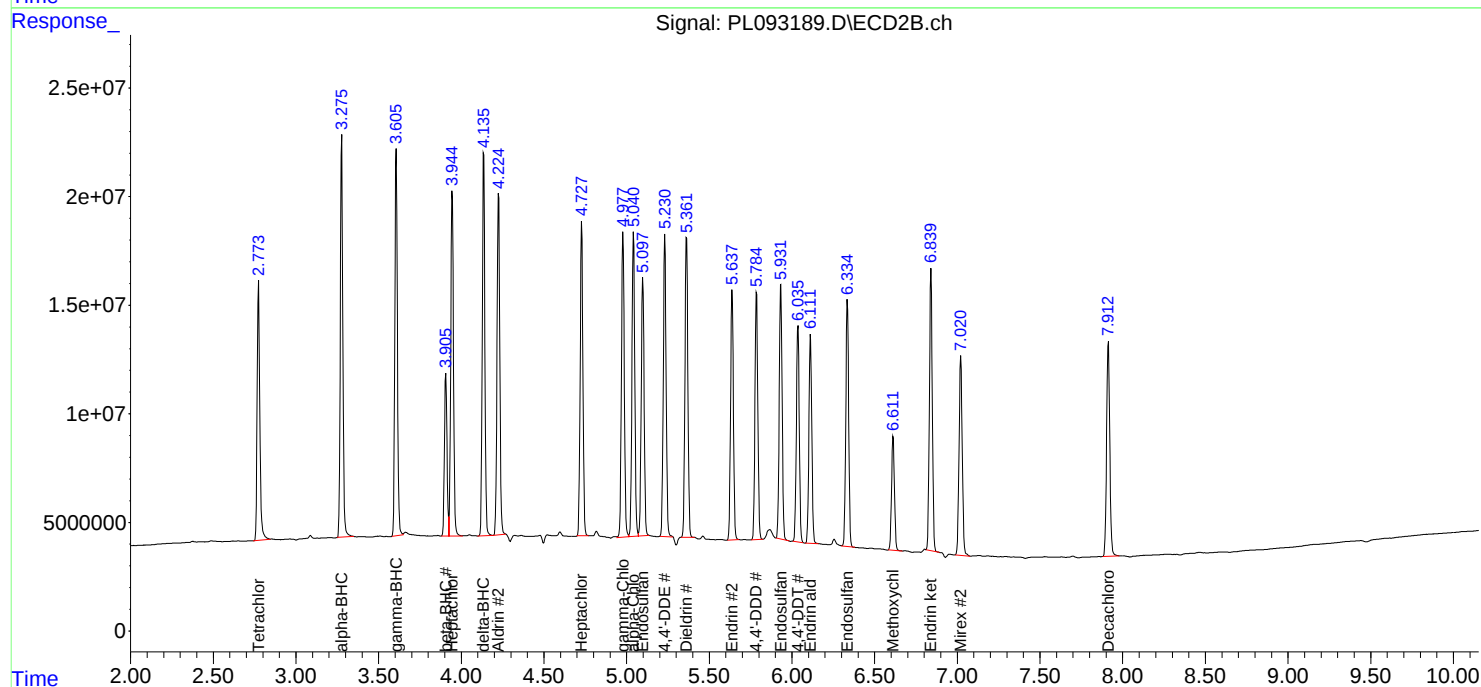
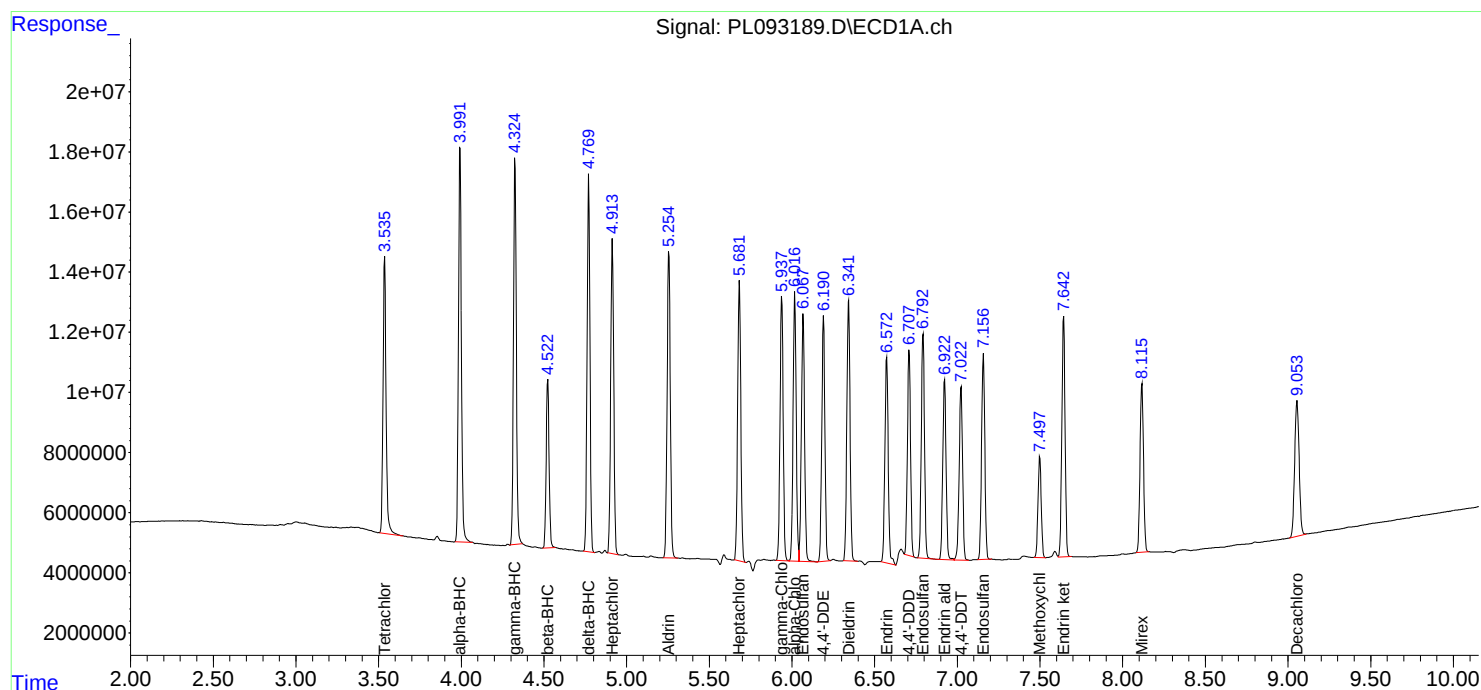
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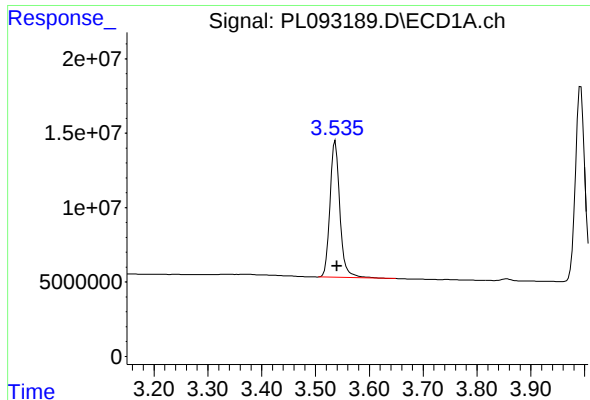
Reviewed By :Yogesh Patel 11/21/2024

Supervised By :Ankita Jodhani 11/21/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 23:19:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 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





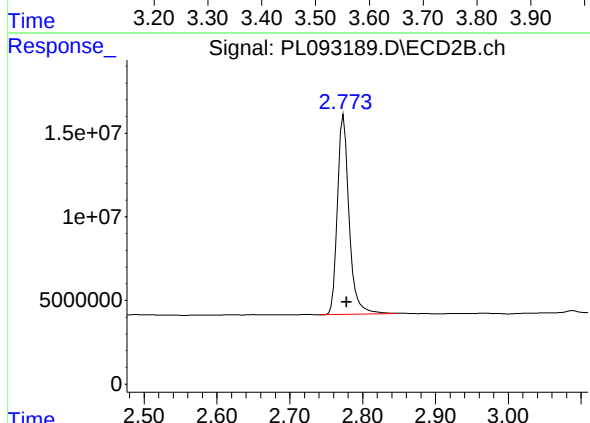
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.003 min
Response: 117466407
Conc: 47.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

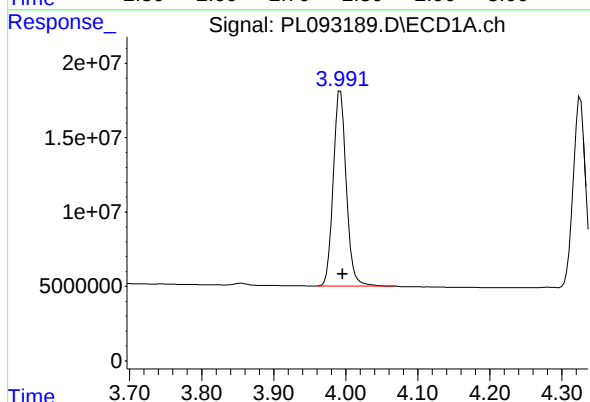
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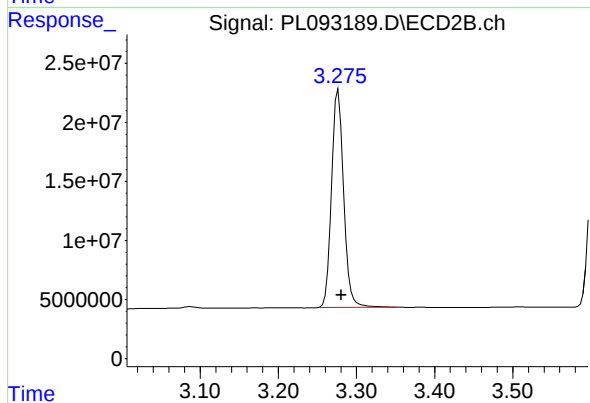
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 132332833
Conc: 48.63 ng/ml



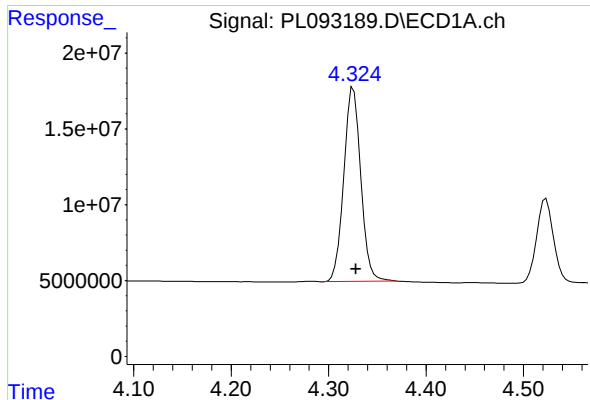
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.003 min
Response: 163557924
Conc: 48.22 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.004 min
Response: 197913873
Conc: 49.60 ng/ml



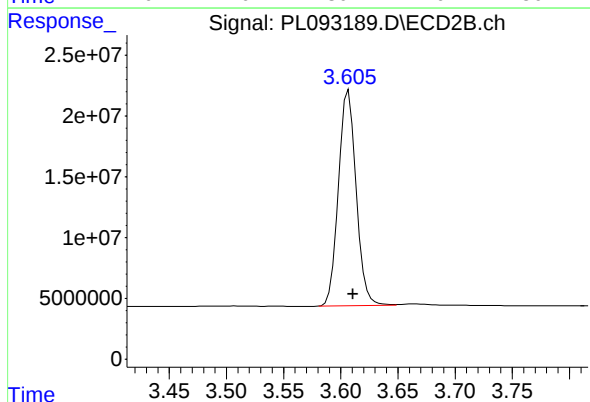
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.003 min
Response: 154563547
Conc: 47.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

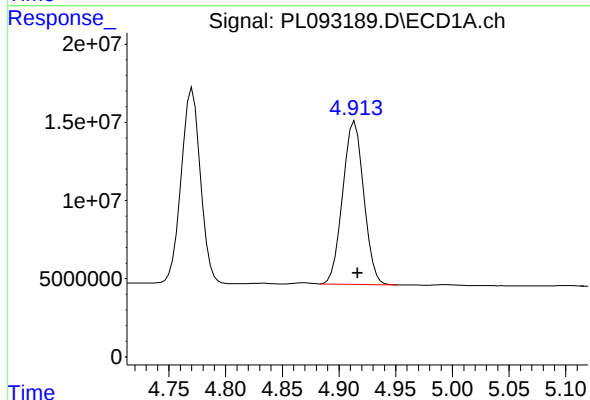
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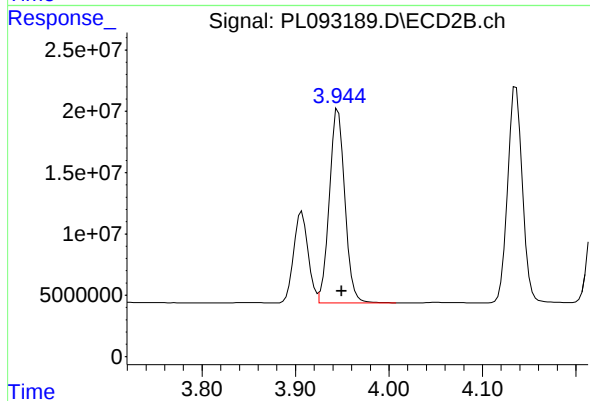
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.004 min
Response: 191138593
Conc: 49.52 ng/ml



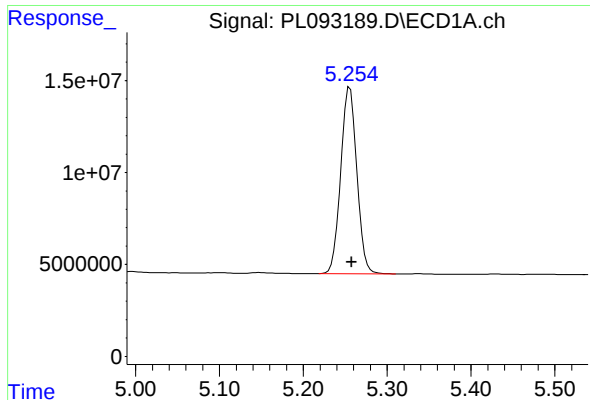
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: -0.003 min
Response: 134713193
Conc: 44.86 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: -0.004 min
Response: 182095189
Conc: 48.25 ng/ml



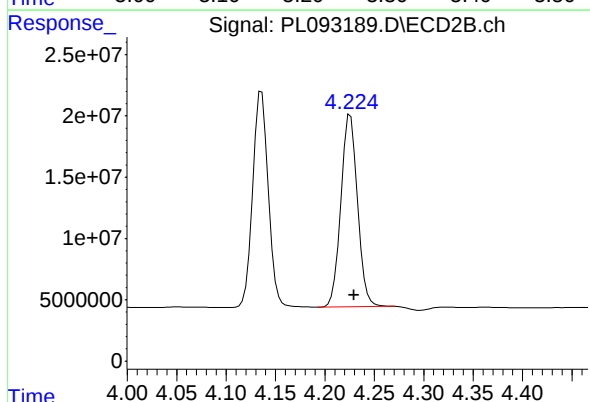
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.004 min
Response: 135388444
Conc: 45.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

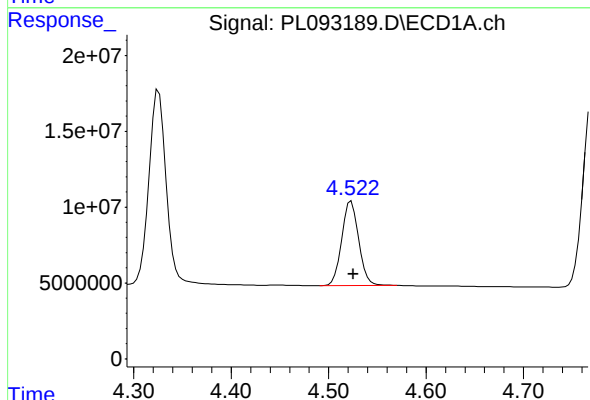
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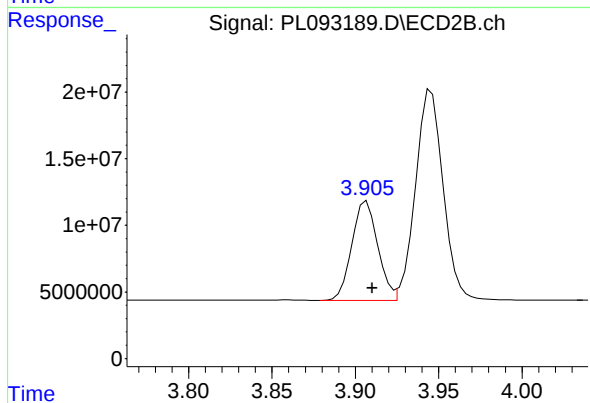
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: -0.004 min
Response: 182995986
Conc: 50.00 ng/ml



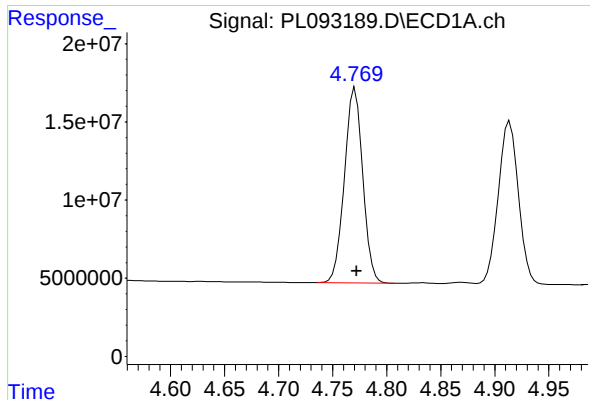
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 67291267
Conc: 46.55 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 80446843
Conc: 48.87 ng/ml



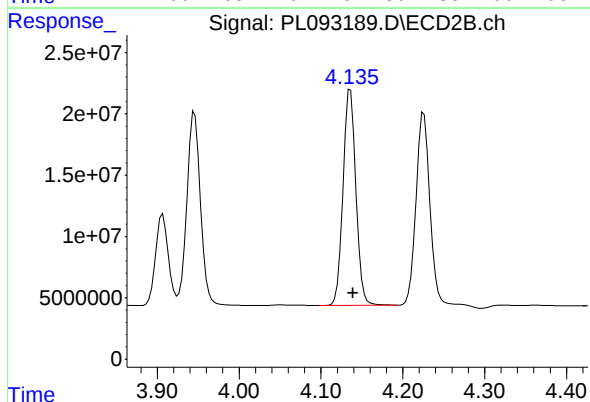
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 147132871
Conc: 47.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

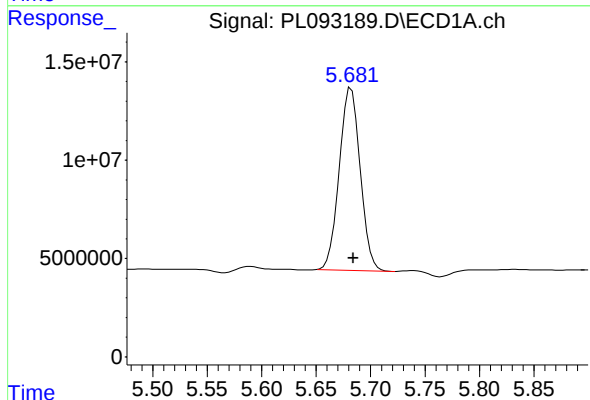
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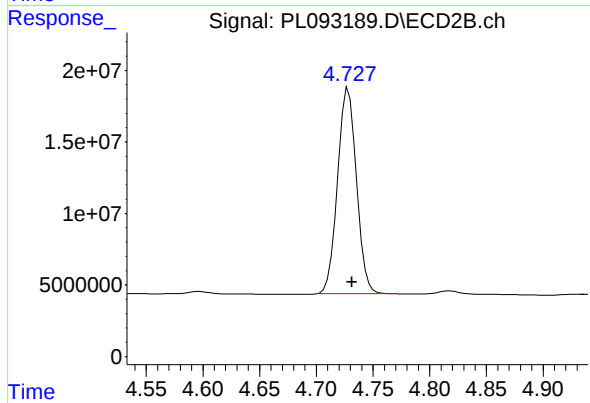
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: -0.003 min
Response: 192763231
Conc: 50.16 ng/ml



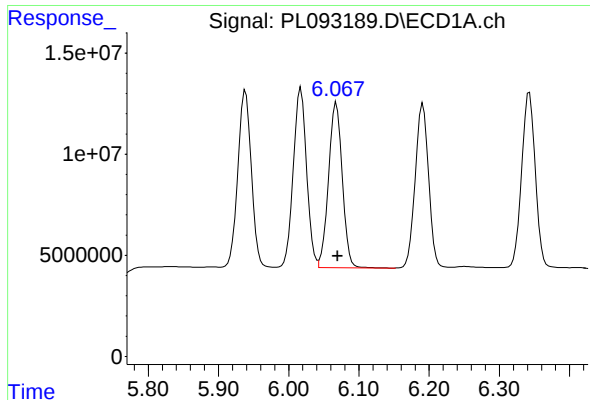
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 124065023
Conc: 44.93 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: -0.003 min
Response: 166209450
Conc: 49.74 ng/ml



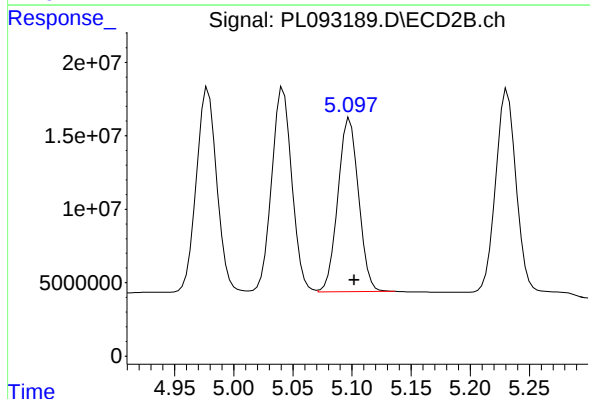
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 110834656
Conc: 44.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

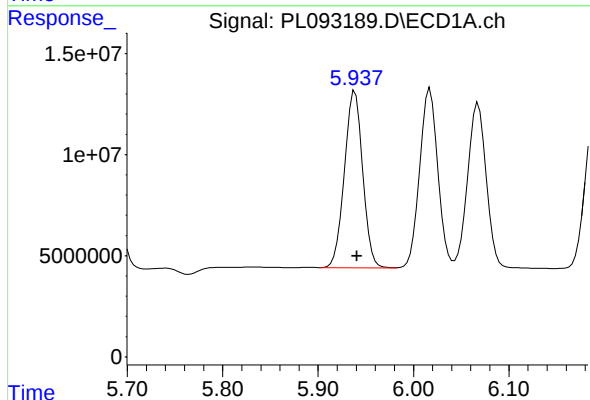
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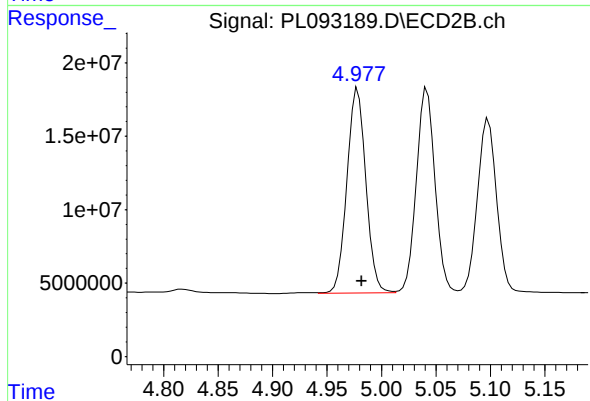
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.004 min
Response: 143737934
Conc: 47.08 ng/ml



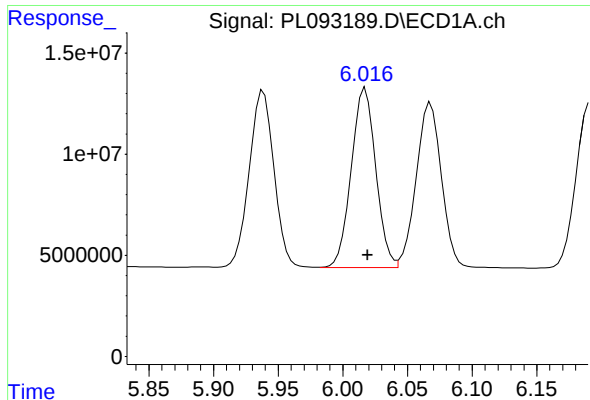
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 116628590
Conc: 43.83 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: -0.004 min
Response: 168441206
Conc: 50.11 ng/ml



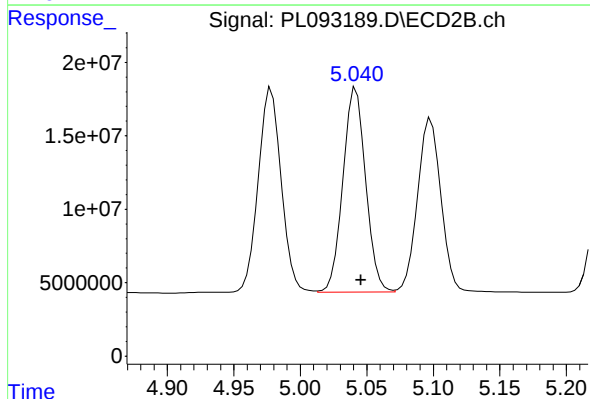
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.002 min
Response: 116930715
Conc: 44.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

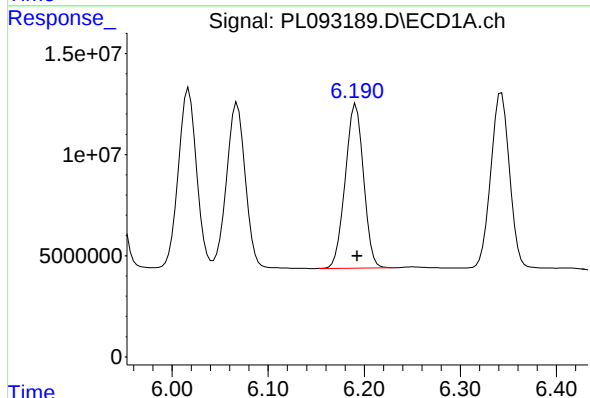
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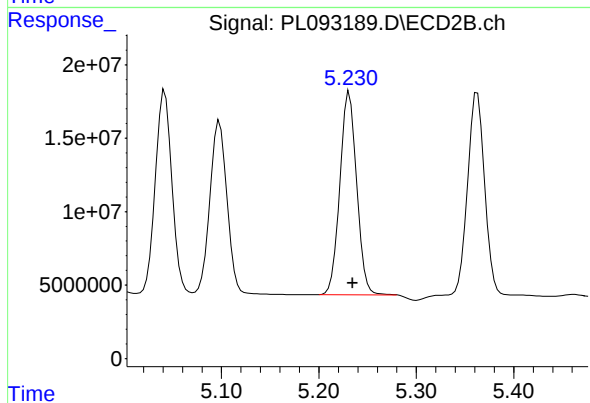
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.004 min
Response: 165674535
Conc: 49.81 ng/ml



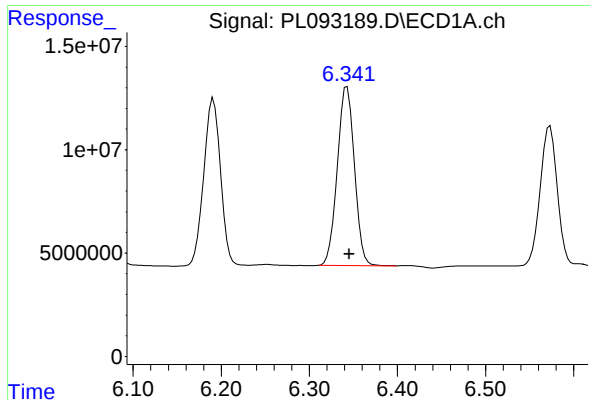
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 106808643
Conc: 45.08 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.003 min
Response: 165511748
Conc: 51.38 ng/ml



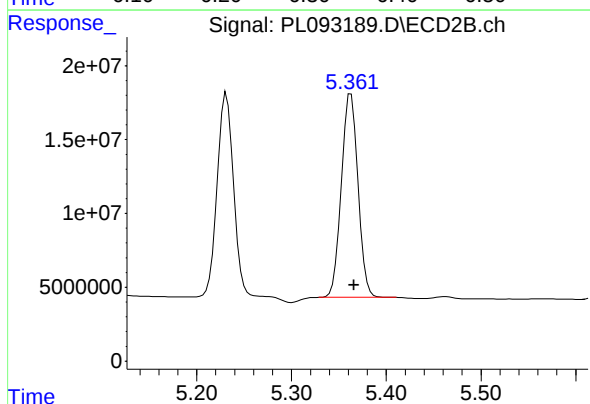
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 117092477
Conc: 44.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

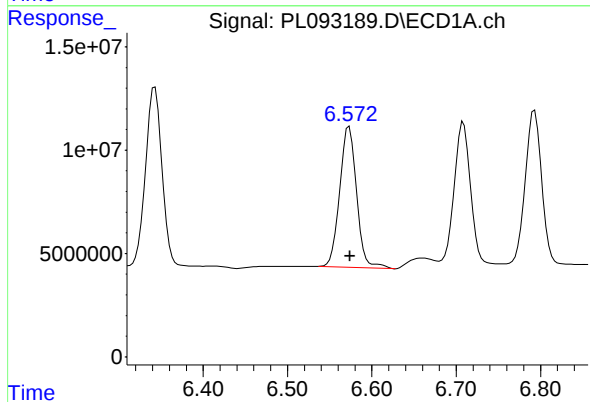
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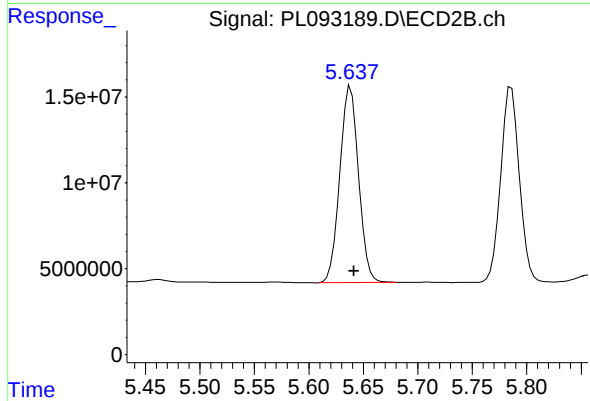
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 167985448
Conc: 50.29 ng/ml



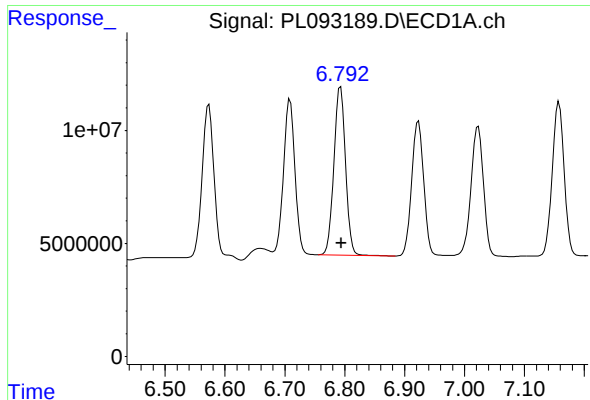
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 95066712
Conc: 41.76 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.003 min
Response: 136306123
Conc: 47.12 ng/ml



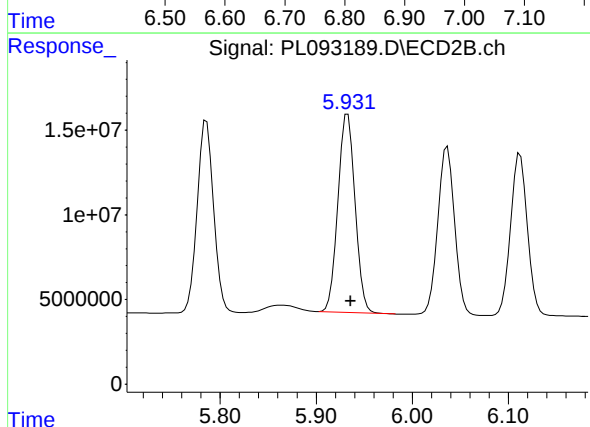
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: -0.001 min
Response: 100588483
Conc: 42.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

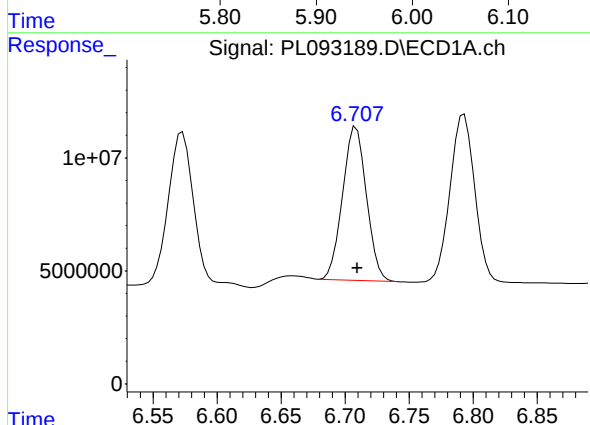
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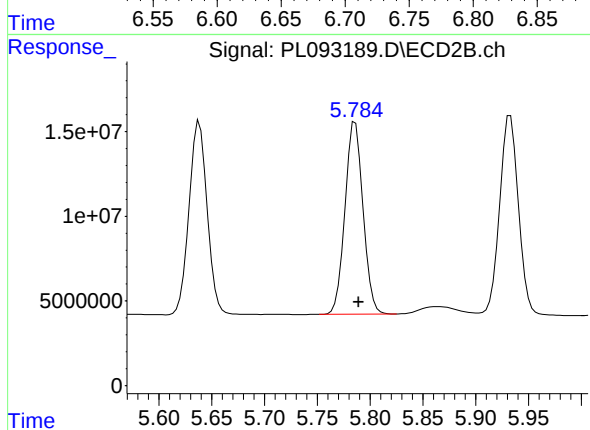
#15 Endosulfan II

R.T.: 5.933 min
Delta R.T.: -0.003 min
Response: 143153564
Conc: 50.53 ng/ml



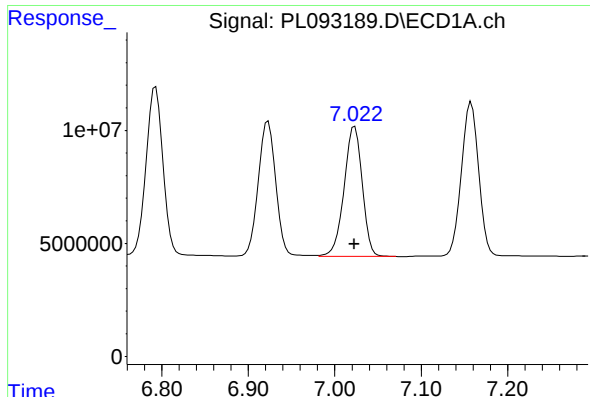
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 88093188
Conc: 45.89 ng/ml m



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.003 min
Response: 135080584
Conc: 54.25 ng/ml



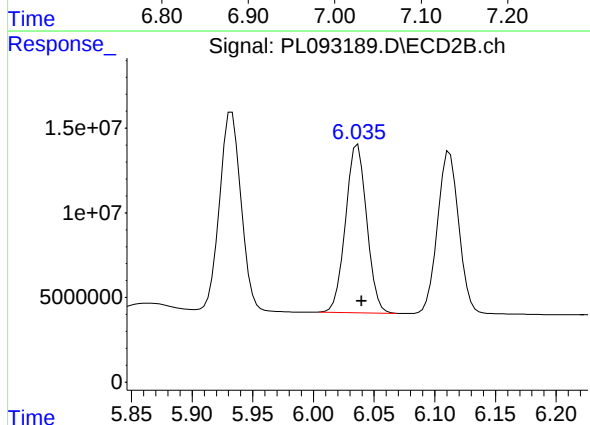
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 83301469
Conc: 40.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

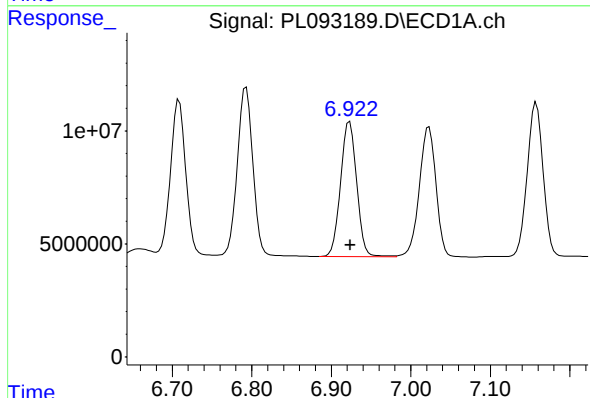
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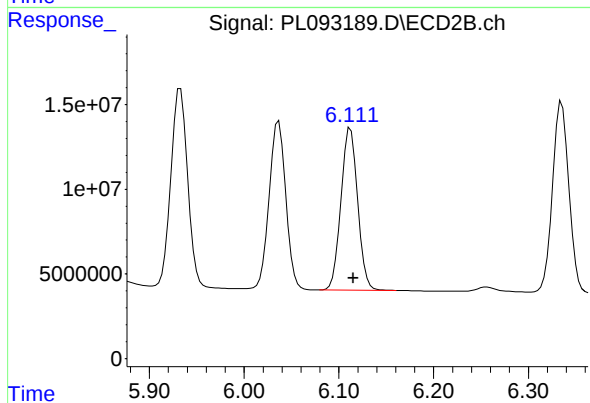
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: -0.005 min
Response: 120708425
Conc: 45.00 ng/ml m



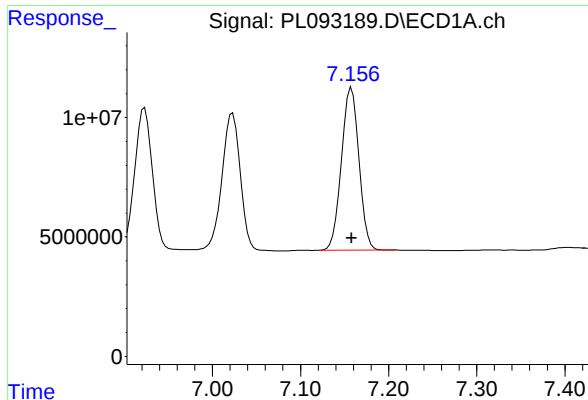
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 83961376
Conc: 44.71 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.003 min
Response: 116821753
Conc: 50.63 ng/ml



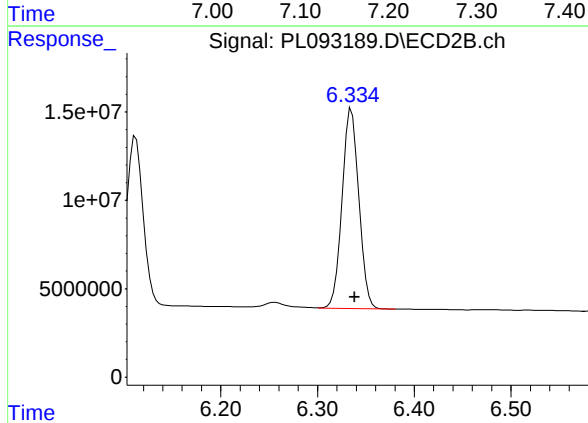
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 94195859
Conc: 43.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

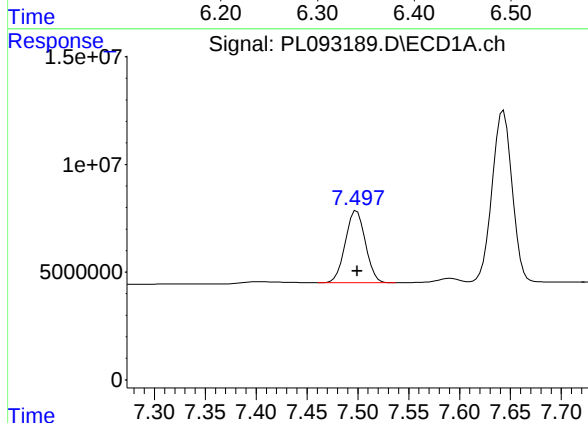
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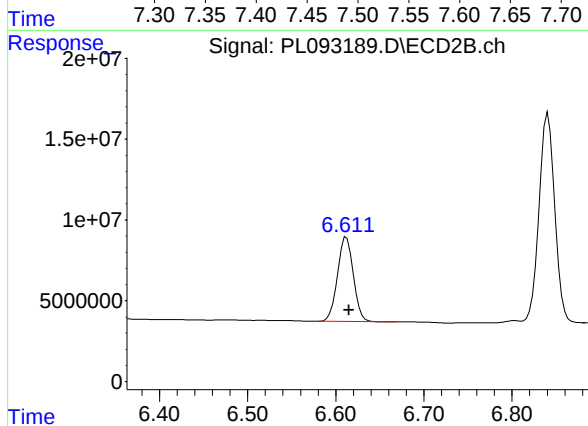
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 135537566
Conc: 50.26 ng/ml



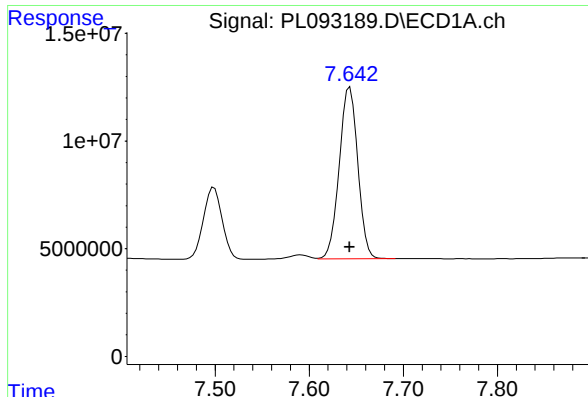
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 45885497
Conc: 40.25 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: -0.003 min
Response: 65381318
Conc: 45.78 ng/ml



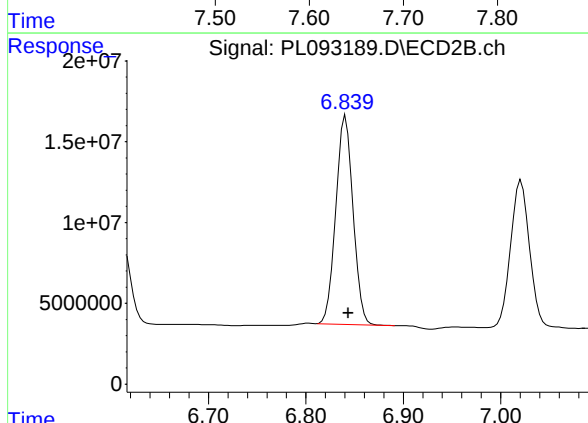
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 109305890
Conc: 45.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

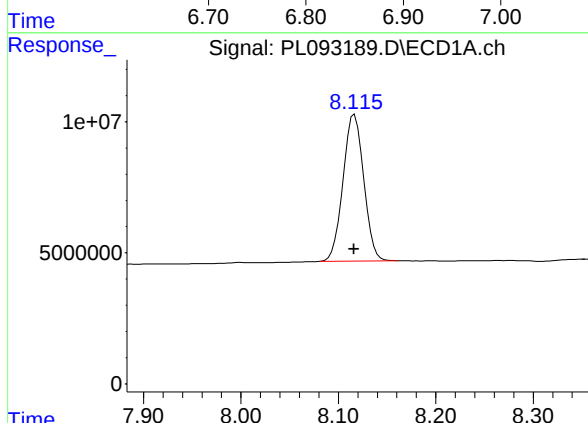
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/21/2024
Supervised By :Ankita Jodhani 11/21/2024



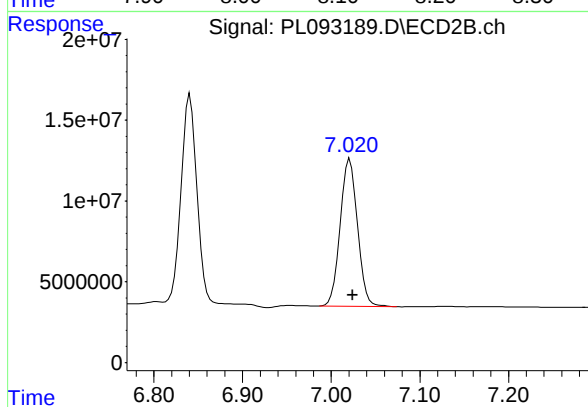
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: -0.003 min
Response: 158572514
Conc: 51.67 ng/ml



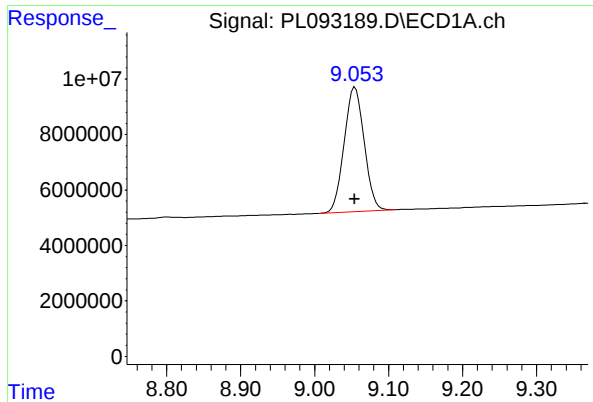
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 82702745
Conc: 41.73 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: -0.005 min
Response: 124037888
Conc: 47.54 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 84572698
Conc: 43.94 ng/ml

Instrument :

ECD_L

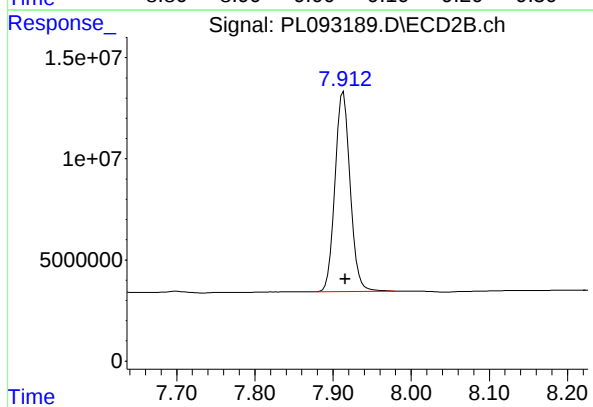
ClientSampleId :

PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: -0.002 min
Response: 133015312
Conc: 48.74 ng/ml