

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
 Data File : PL091331.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Aug 2024 06:00
 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 06:22:29 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	109.3E6	115.0E6	50.890	58.931
28)	SA Decachlor...	9.056	7.924	75359901	90128769	49.431	47.584
Target Compounds							
2)	A alpha-BHC	4.001	3.287	156.9E6	166.2E6	52.328	59.939m
3)	MA gamma-BHC...	4.333	3.619	148.2E6	157.9E6	51.654	59.930
4)	MA Heptachlor	4.922	3.958	136.6E6	150.8E6	51.307	58.405
5)	MB Aldrin	5.263	4.238	130.9E6	146.5E6	50.702	59.593
6)	B beta-BHC	4.529	3.917	69704770	68623090	51.543	58.300
7)	B delta-BHC	4.777	4.145	144.2E6	152.0E6	52.949	59.969m
8)	B Heptachlo...	5.687	4.741	119.7E6	129.7E6	48.910m	57.509
9)	A Endosulfan I	6.072	5.110	110.2E6	117.1E6	49.067m	55.497
10)	B gamma-Chl...	5.944	4.991	126.9E6	135.8E6	52.528	57.447
11)	B alpha-Chl...	6.023	5.054	123.5E6	134.2E6	51.275	57.063
12)	B 4,4'-DDE	6.196	5.242	106.7E6	121.2E6	50.997	57.997m
13)	MA Dieldrin	6.348	5.375	114.9E6	131.0E6	48.802	57.503
14)	MA Endrin	6.578	5.650	95568431	113.0E6	49.281	55.481
15)	B Endosulfa...	6.797	5.944	100.1E6	106.7E6	49.466	55.139
16)	A 4,4'-DDD	6.712	5.798	86854659	94811775	57.467	57.434
17)	MA 4,4'-DDT	7.026	6.048	88592956	97401666	49.909	54.831
18)	B Endrin al...	6.927	6.123	77503490	82621364	48.549	53.041
19)	B Endosulfa...	7.161	6.346	92686230	102.5E6	48.308	53.182
20)	A Methoxychlor	7.501	6.623	48950568	52239072	52.060	52.608
21)	B Endrin ke...	7.646	6.851	100.2E6	112.0E6	47.731	51.426
22)	Mirex	8.119	7.033	77070020	89820204	45.305	48.124

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
Data File : PL091331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Aug 2024 06:00
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

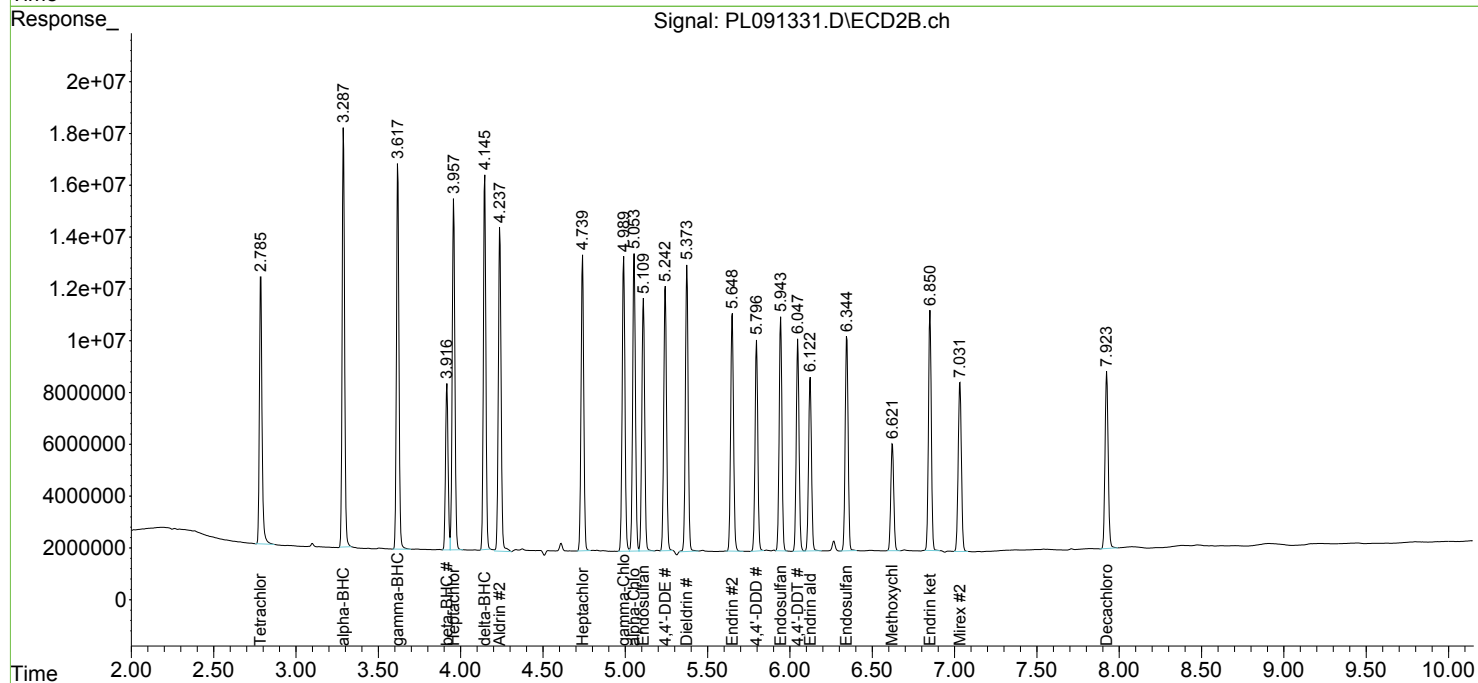
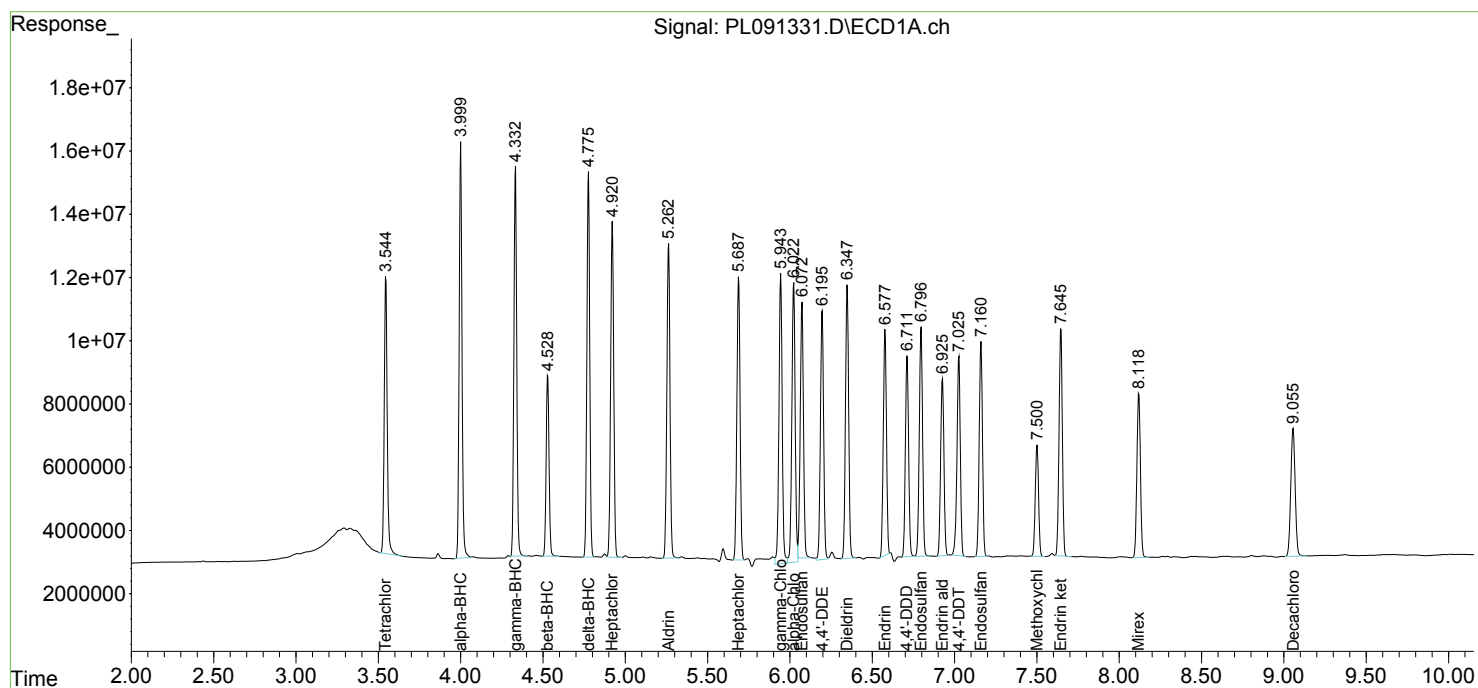
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

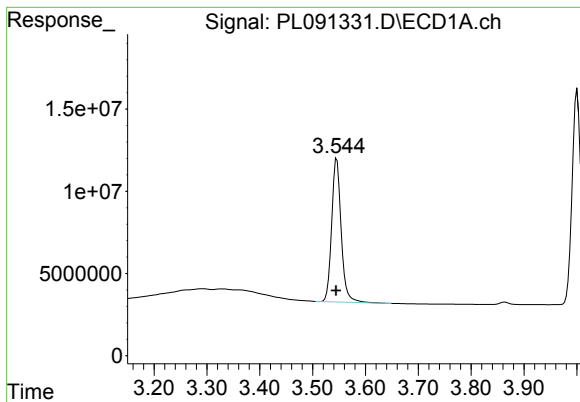
Manual Integrations
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Supervised By :mohammad ahmed 08/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 27 06:22:29 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





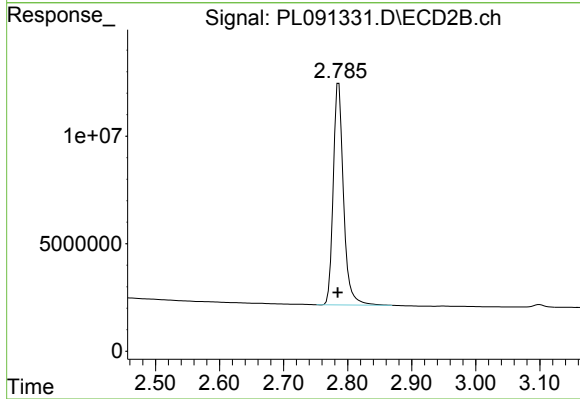
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.002 min
Response: 109270480
Conc: 50.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

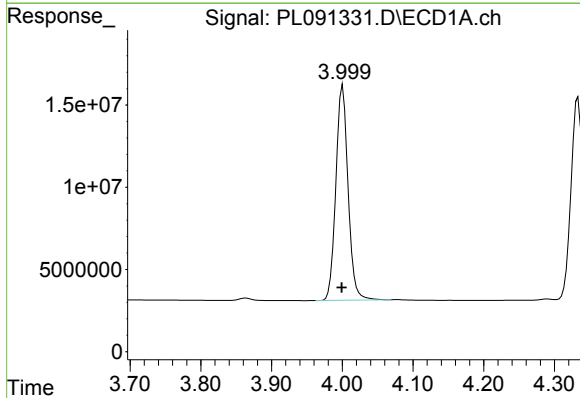
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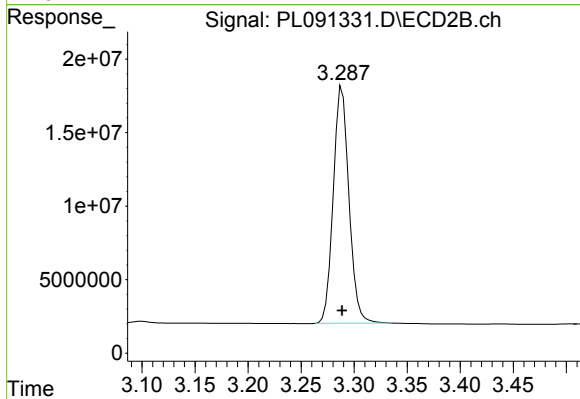
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.001 min
Response: 115032431
Conc: 58.93 ng/ml



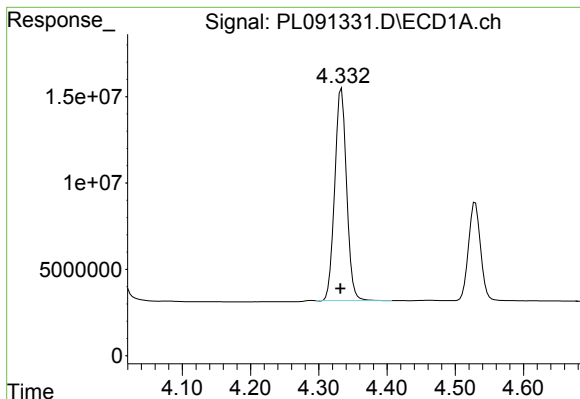
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.002 min
Response: 156869365
Conc: 52.33 ng/ml



#2 alpha-BHC

R.T.: 3.287 min
Delta R.T.: -0.001 min
Response: 166236205
Conc: 59.94 ng/ml m



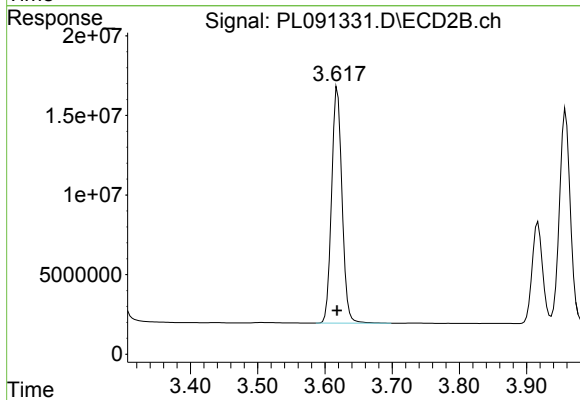
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.002 min
Response: 148176797
Conc: 51.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

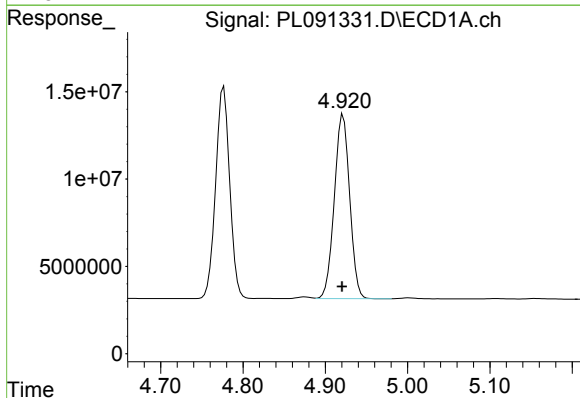
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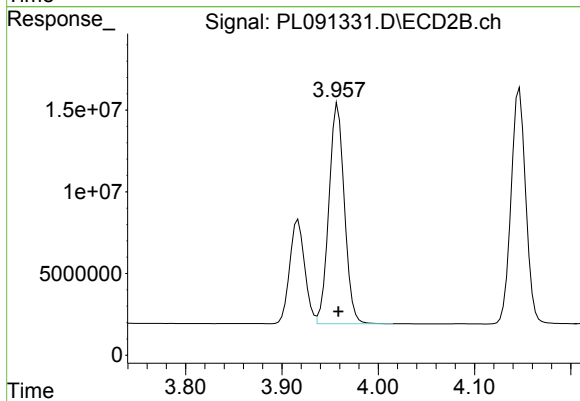
#3 gamma-BHC (Lindane)

R.T.: 3.619 min
Delta R.T.: 0.000 min
Response: 157850609
Conc: 59.93 ng/ml



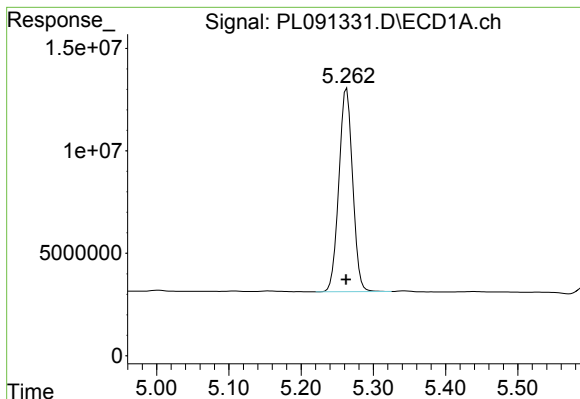
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.001 min
Response: 136630829
Conc: 51.31 ng/ml



#4 Heptachlor

R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 150844053
Conc: 58.41 ng/ml



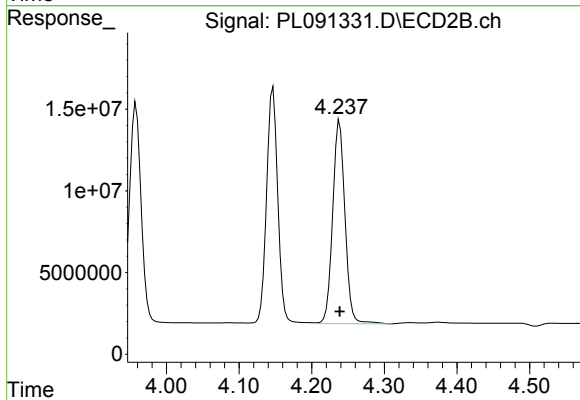
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 130854589
Conc: 50.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

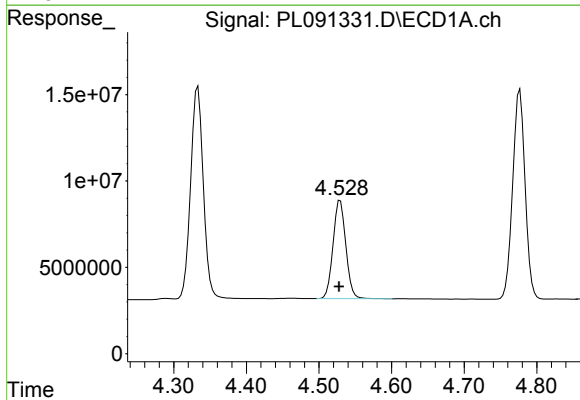
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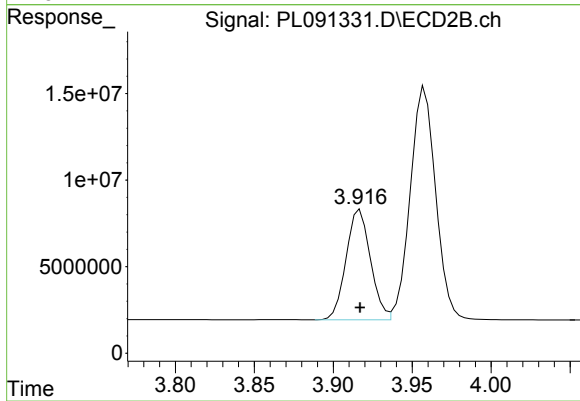
#5 Aldrin

R.T.: 4.238 min
Delta R.T.: 0.000 min
Response: 146549861
Conc: 59.59 ng/ml



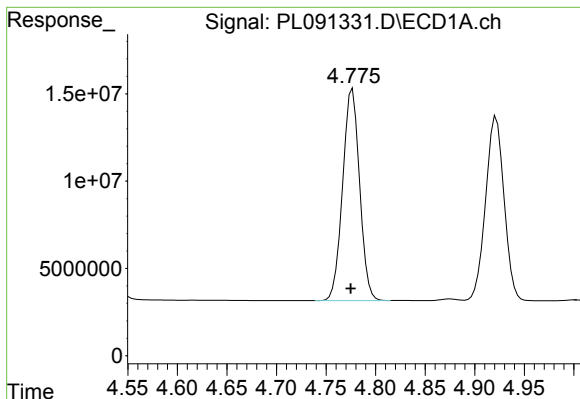
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.002 min
Response: 69704770
Conc: 51.54 ng/ml



#6 beta-BHC

R.T.: 3.917 min
Delta R.T.: 0.000 min
Response: 68623090
Conc: 58.30 ng/ml



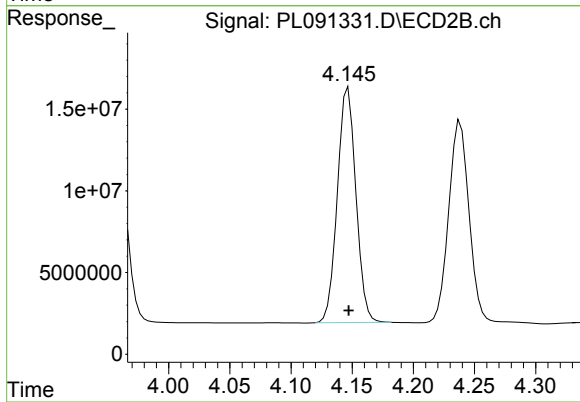
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.002 min
Response: 144152375
Conc: 52.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

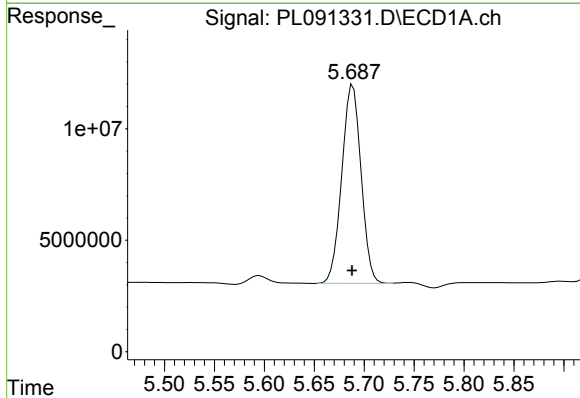
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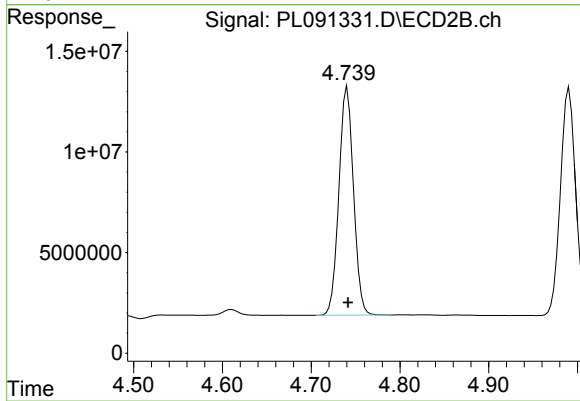
#7 delta-BHC

R.T.: 4.145 min
Delta R.T.: -0.002 min
Response: 151974448
Conc: 59.97 ng/ml m



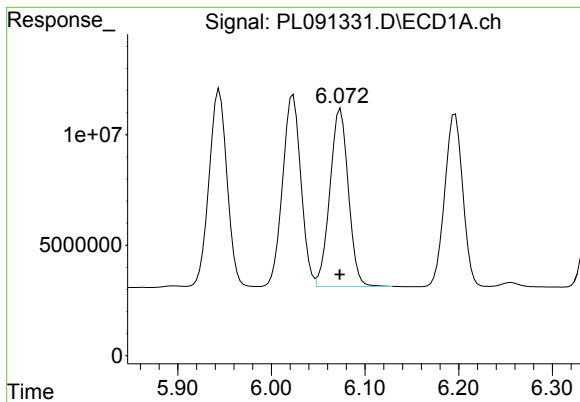
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 119660626
Conc: 48.91 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 129674648
Conc: 57.51 ng/ml



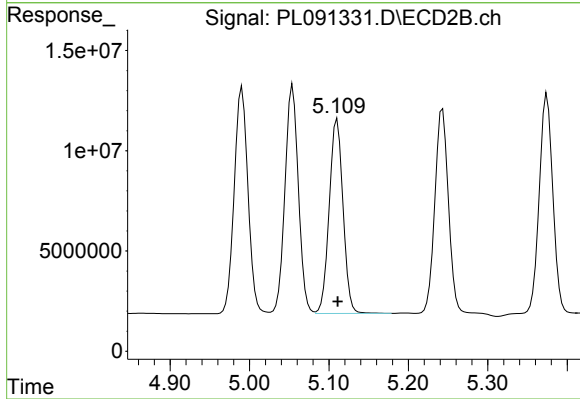
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 110171775
Conc: 49.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

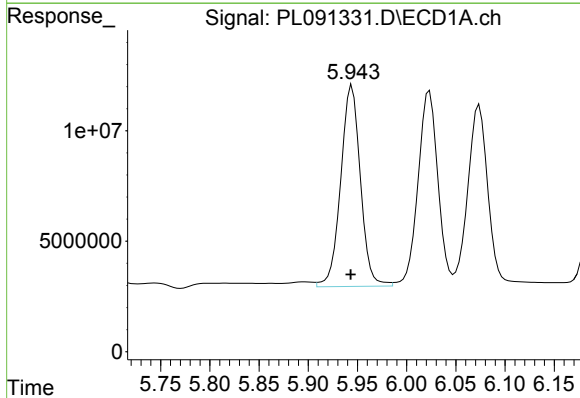
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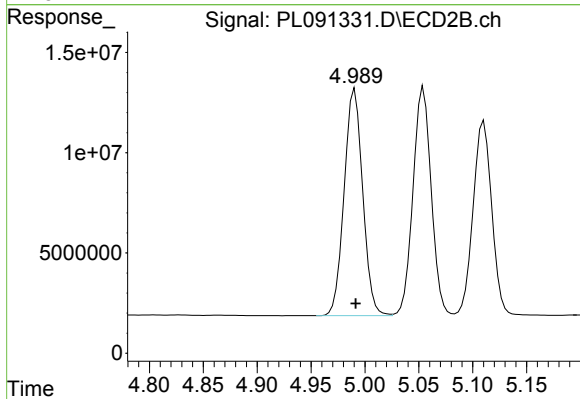
#9 Endosulfan I

R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 117107916
Conc: 55.50 ng/ml



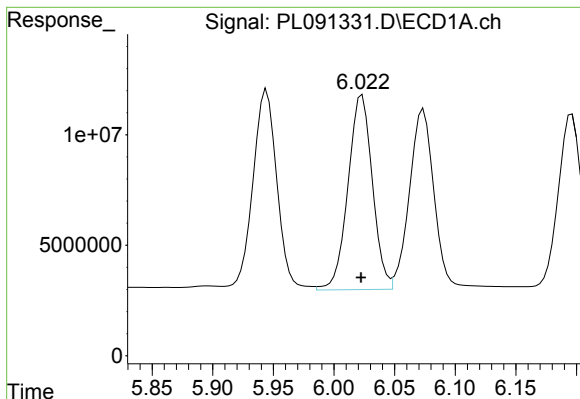
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.001 min
Response: 126929749
Conc: 52.53 ng/ml



#10 gamma-Chlordane

R.T.: 4.991 min
Delta R.T.: 0.000 min
Response: 135800812
Conc: 57.45 ng/ml



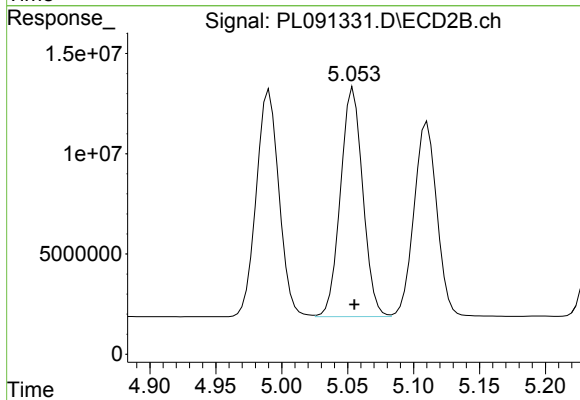
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.000 min
Response: 123455456
Conc: 51.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

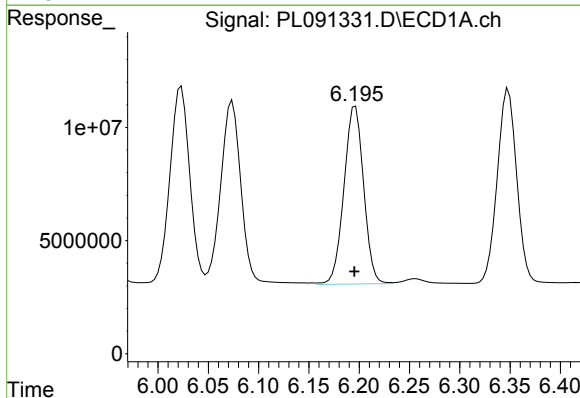
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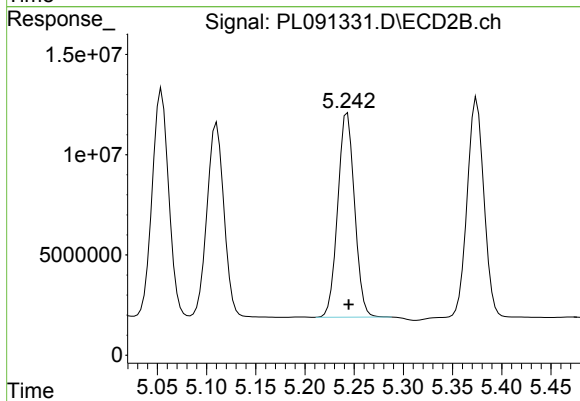
#11 alpha-Chlordane

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 134244425
Conc: 57.06 ng/ml



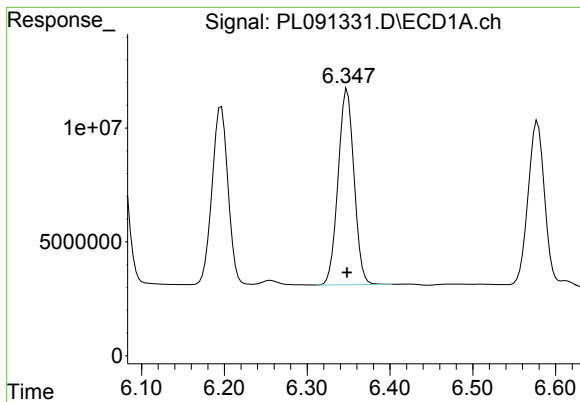
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 106690775
Conc: 51.00 ng/ml



#12 4,4'-DDE

R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 121179357
Conc: 58.00 ng/ml m



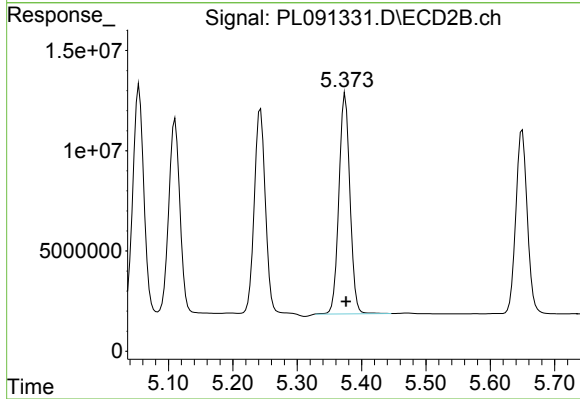
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 114940307
Conc: 48.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

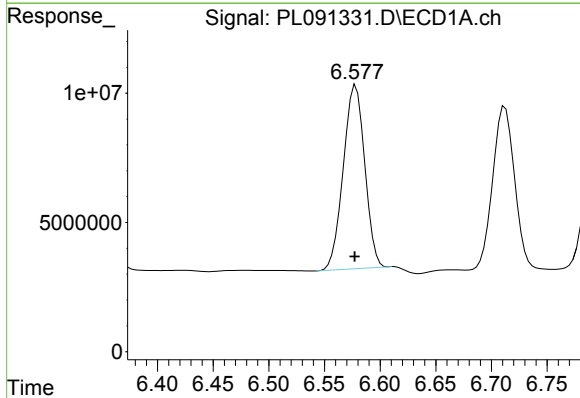
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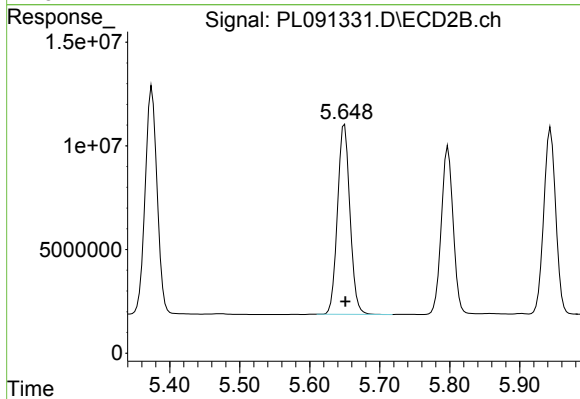
#13 Dieldrin

R.T.: 5.375 min
Delta R.T.: -0.001 min
Response: 130964463
Conc: 57.50 ng/ml



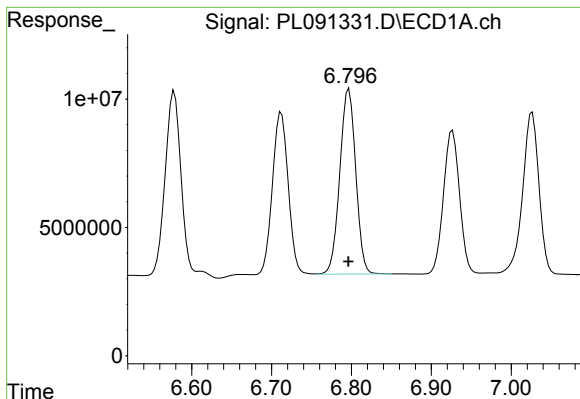
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 95568431
Conc: 49.28 ng/ml



#14 Endrin

R.T.: 5.650 min
Delta R.T.: -0.001 min
Response: 113023139
Conc: 55.48 ng/ml



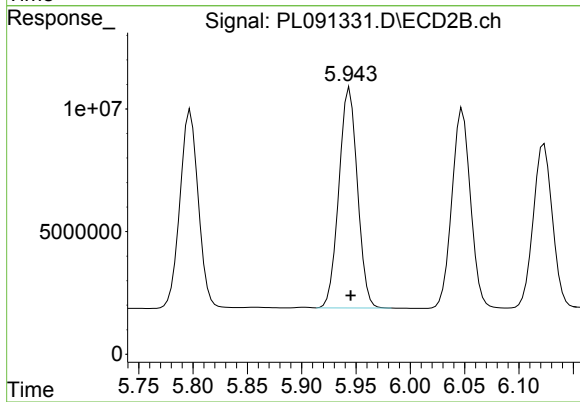
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 100103468
Conc: 49.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

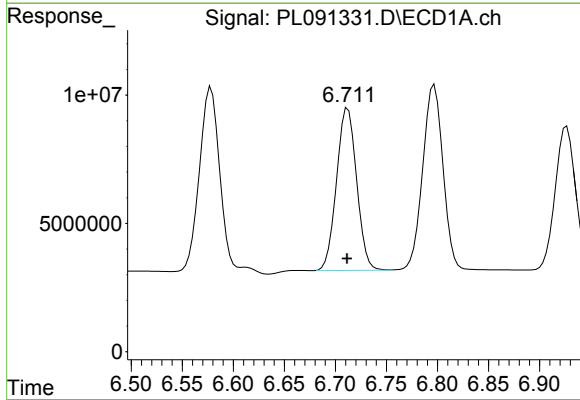
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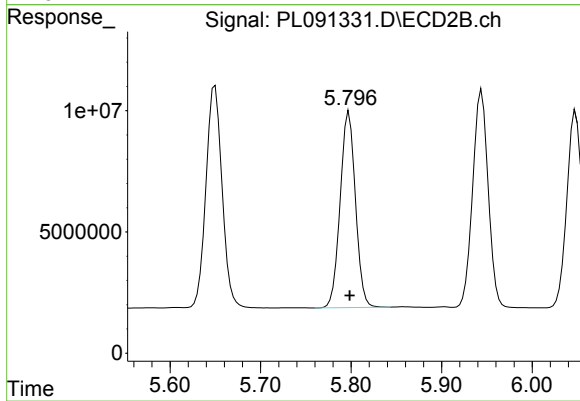
#15 Endosulfan II

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 106677422
Conc: 55.14 ng/ml



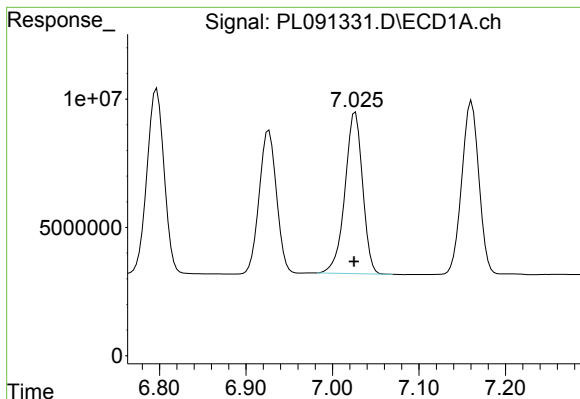
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 86854659
Conc: 57.47 ng/ml



#16 4,4'-DDD

R.T.: 5.798 min
Delta R.T.: -0.001 min
Response: 94811775
Conc: 57.43 ng/ml



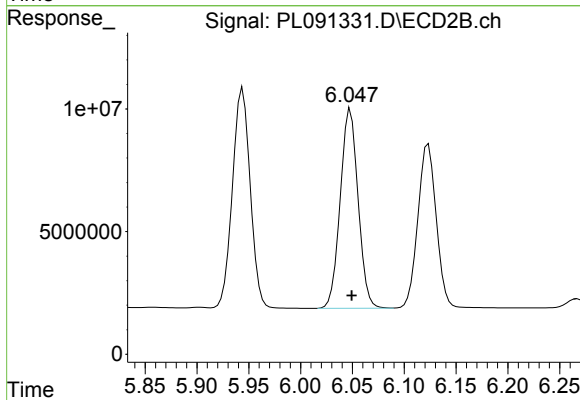
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.001 min
Response: 88592956
Conc: 49.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

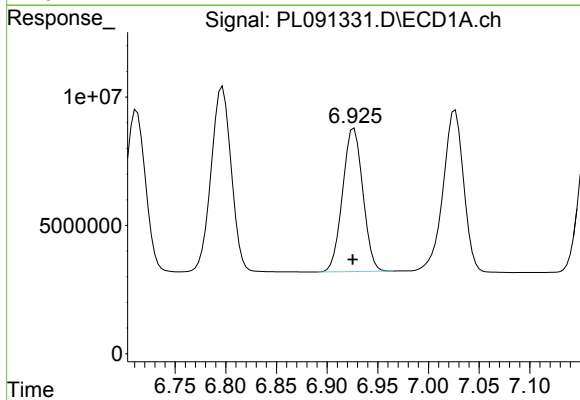
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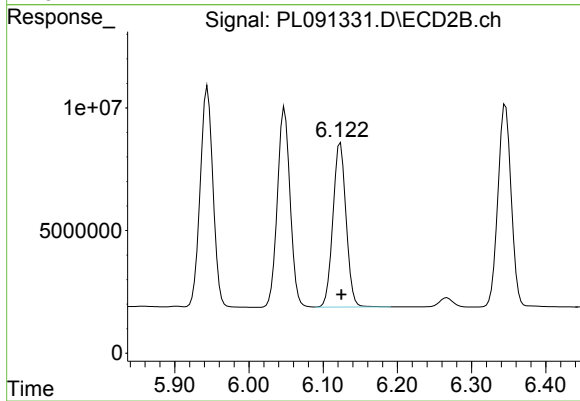
#17 4,4'-DDT

R.T.: 6.048 min
Delta R.T.: -0.001 min
Response: 97401666
Conc: 54.83 ng/ml



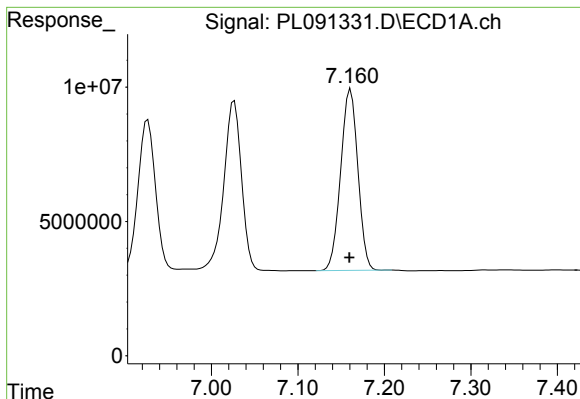
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.001 min
Response: 77503490
Conc: 48.55 ng/ml



#18 Endrin aldehyde

R.T.: 6.123 min
Delta R.T.: -0.001 min
Response: 82621364
Conc: 53.04 ng/ml



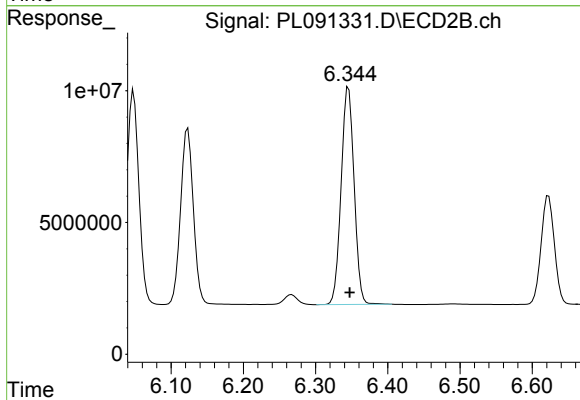
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.001 min
Response: 92686230
Conc: 48.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

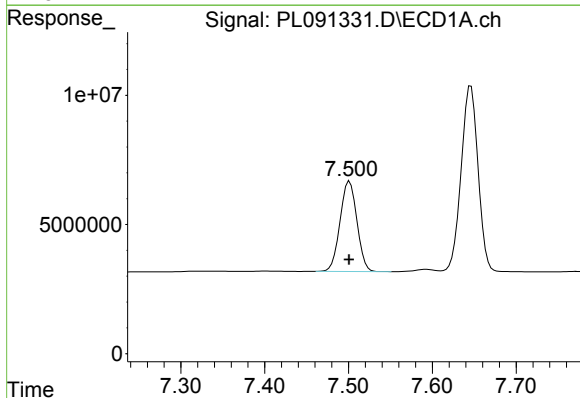
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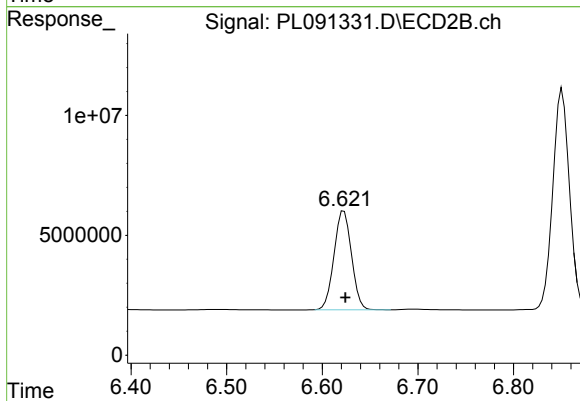
#19 Endosulfan Sulfate

R.T.: 6.346 min
Delta R.T.: -0.001 min
Response: 102534195
Conc: 53.18 ng/ml



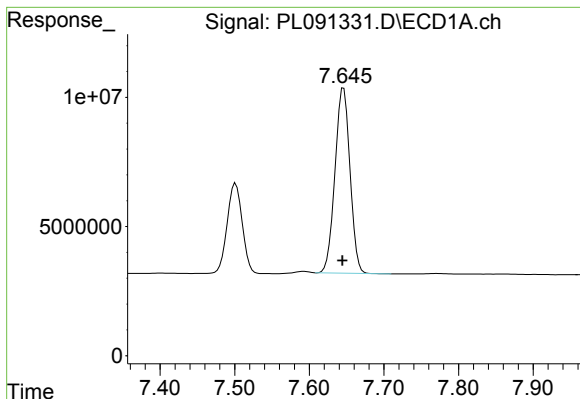
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 48950568
Conc: 52.06 ng/ml



#20 Methoxychlor

R.T.: 6.623 min
Delta R.T.: -0.002 min
Response: 52239072
Conc: 52.61 ng/ml



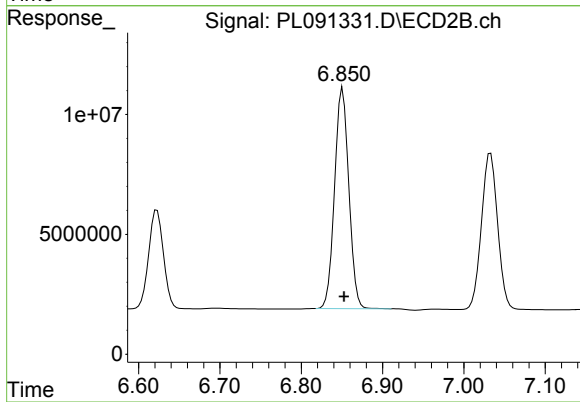
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.002 min
Response: 100222720
Conc: 47.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

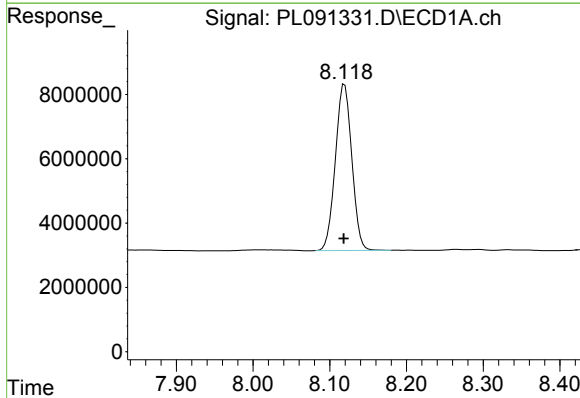
Manual Integrations
APPROVED

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



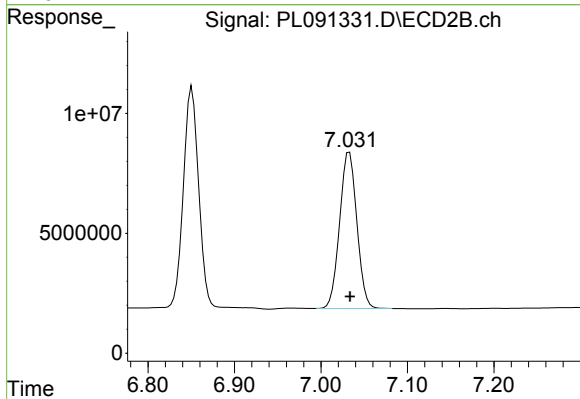
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 112004695
Conc: 51.43 ng/ml



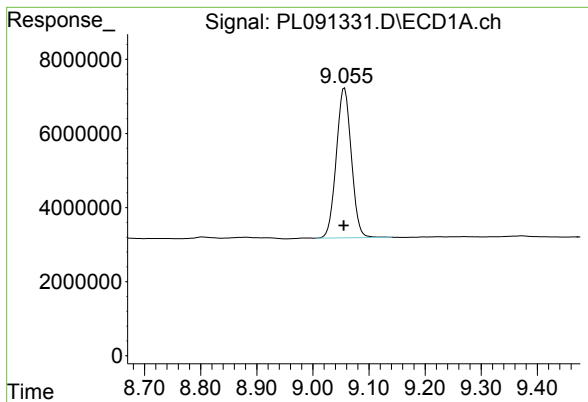
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.001 min
Response: 77070020
Conc: 45.30 ng/ml



#22 Mirex

R.T.: 7.033 min
Delta R.T.: 0.000 min
Response: 89820204
Conc: 48.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.001 min
Response: 75359901
Conc: 49.43 ng/ml

Instrument :

ECD_L

ClientSampleId :

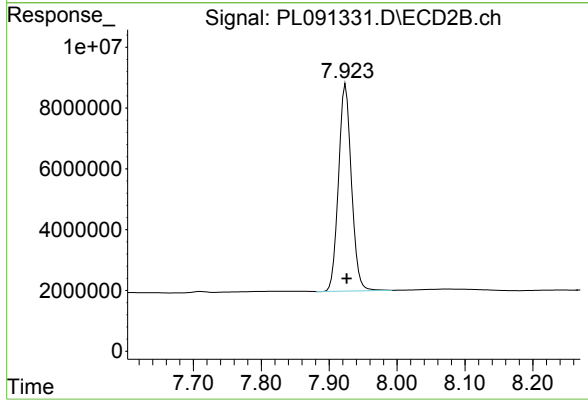
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: -0.002 min
Response: 90128769
Conc: 47.58 ng/ml