

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081424\
 Data File : PL091089.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2024 01:07
 Operator : AR\AJ
 Sample : P3574-02MSD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-W-06-202408MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/19/2024
 Supervised By :Ankita Jodhani 08/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 03:59:57 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...	3.542	2.784	41486959	40907872	19.322m	20.957
28)	SA Decachlor...	9.055	7.925	24335322	27934073	15.962	14.748
Target Compounds							
2)	A alpha-BHC	3.998	3.288	168.1E6	165.4E6	56.063m	59.629
3)	MA gamma-BHC...	4.332	3.618	160.2E6	154.9E6	55.827	58.802
4)	MA Heptachlor	4.921	3.958	140.7E6	163.4E6	52.843	63.278
5)	MB Aldrin	5.262	4.238	139.0E6	140.9E6	53.863	57.293
6)	B beta-BHC	4.528	3.917	72974666	67176360	53.961	57.071
7)	B delta-BHC	4.775	4.146	167.4E6	150.9E6	61.489	59.529
8)	B Heptachlo...	5.688	4.741	130.2E6	131.3E6	53.214	58.217
9)	A Endosulfan I	6.073	5.111	120.0E6	121.4E6	53.440	57.540
10)	B gamma-Chl...	5.943	4.991	128.9E6	136.0E6	53.337	57.524
11)	B alpha-Chl...	6.023	5.055	128.1E6	135.0E6	53.195	57.365
12)	B 4,4'-DDE	6.195	5.244	113.4E6	122.6E6	54.208	58.663
13)	MA Dieldrin	6.348	5.375	127.9E6	132.6E6	54.300	58.218
14)	MA Endrin	6.576	5.650	104.5E6	114.1E6	53.869m	55.987
15)	B Endosulfa...	6.796	5.944	109.6E6	113.2E6	54.155	58.490
16)	A 4,4'-DDD	6.712	5.798	97541663	105.0E6	64.538	63.586
17)	MA 4,4'-DDT	7.026	6.049	91926583	95160678	51.787	53.569
18)	B Endrin al...	6.926	6.123	81514285	81184806	51.061	52.119
19)	B Endosulfa...	7.160	6.346	103.1E6	109.2E6	53.741	56.634
20)	A Methoxychlor	7.500	6.624	49903275	52174641	53.074	52.543
21)	B Endrin ke...	7.644	6.852	117.6E6	128.7E6	56.002	59.071
22)	Mirex	8.118	7.033	89342014	100.3E6	52.519	53.761

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081424\
Data File : PL091089.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2024 01:07
Operator : AR\AJ
Sample : P3574-02MSD
Misc :
ALS Vial : 54 Sample Multiplier: 1

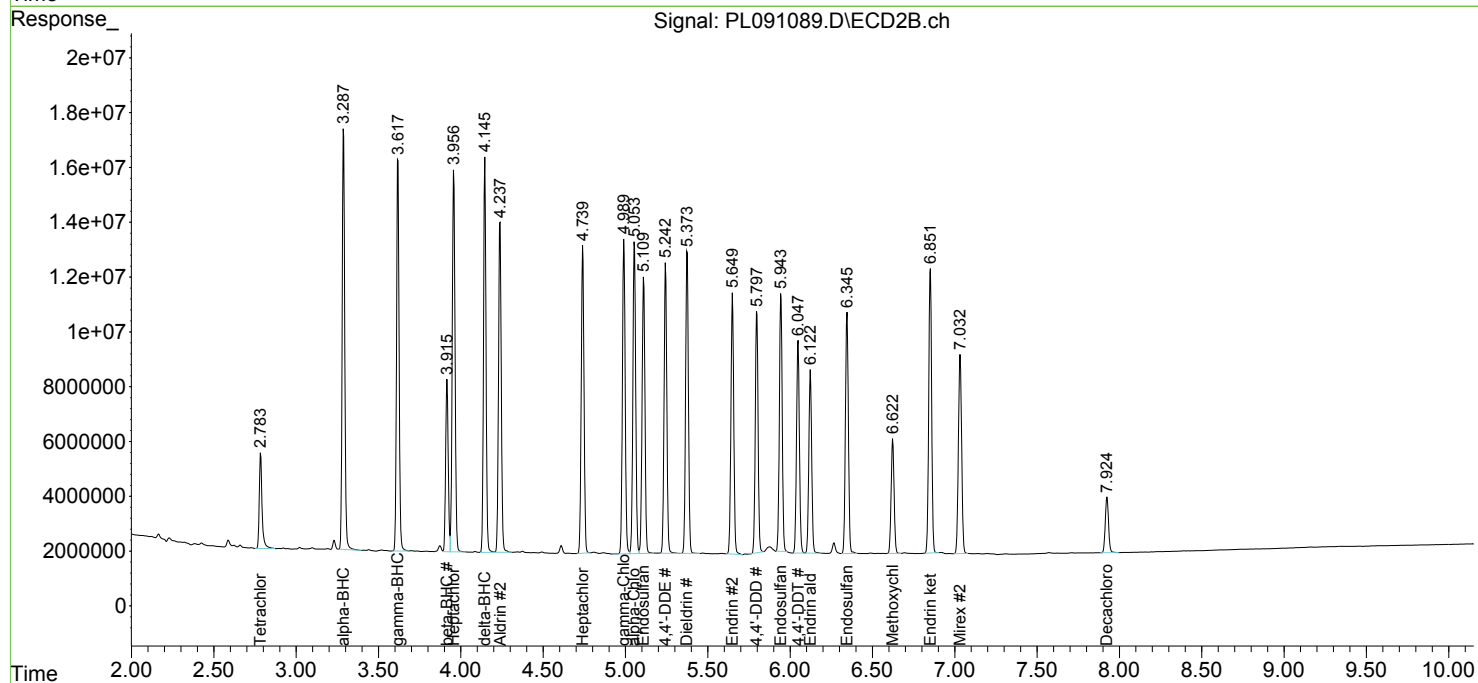
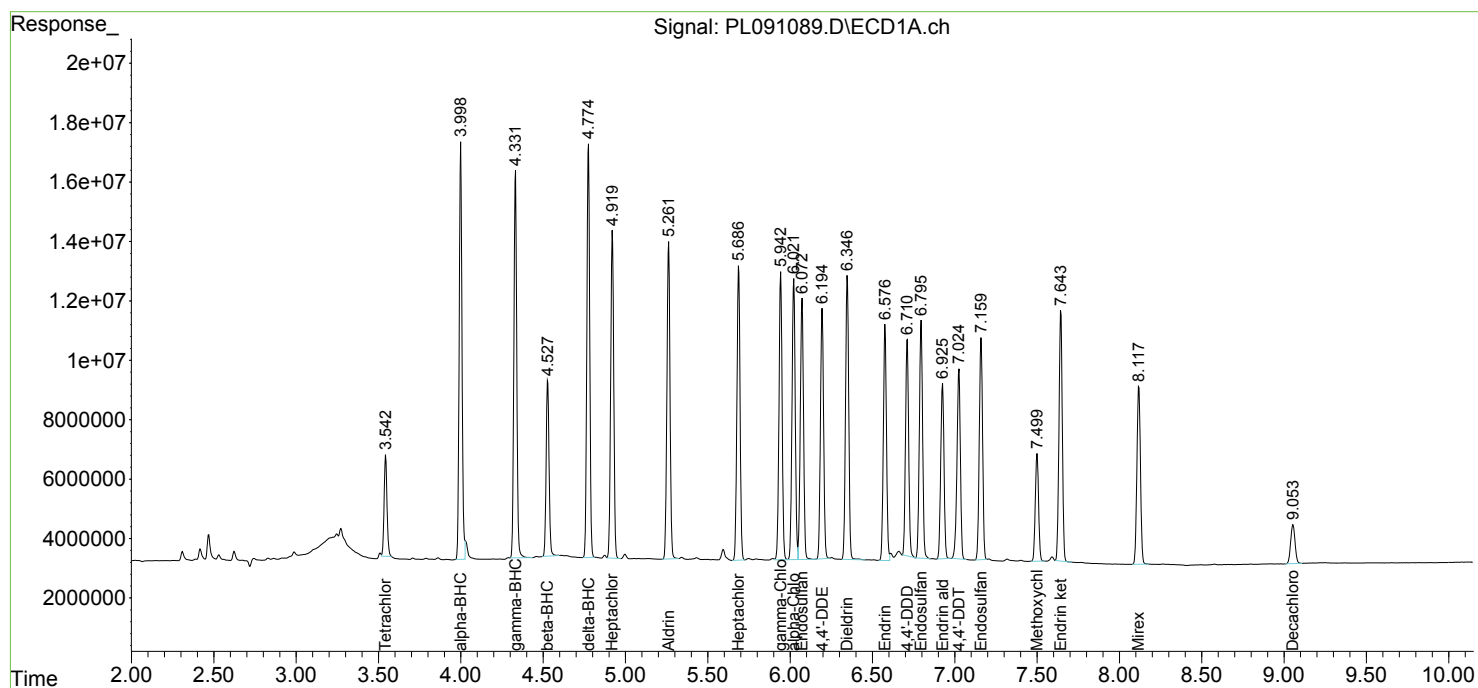
Instrument :
ECD_L
ClientSampleId :
WC-W-06-202408MSD

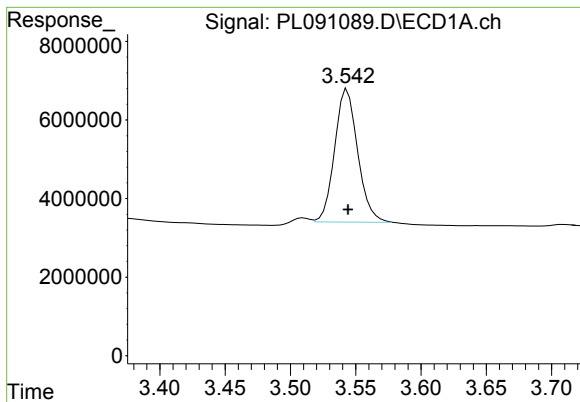
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 15 03:59:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 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





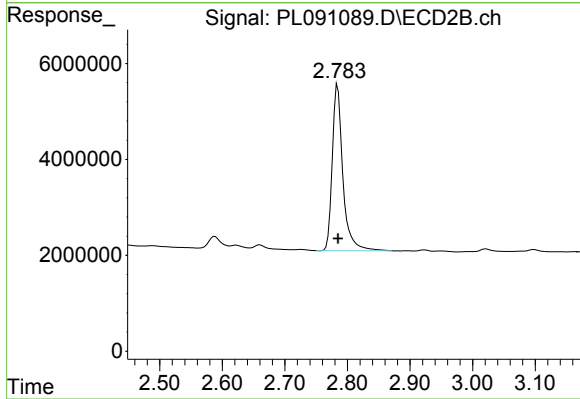
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 41486959
Conc: 19.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-W-06-202408MSD

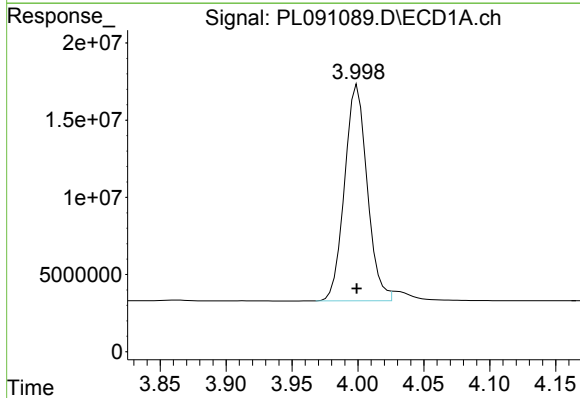
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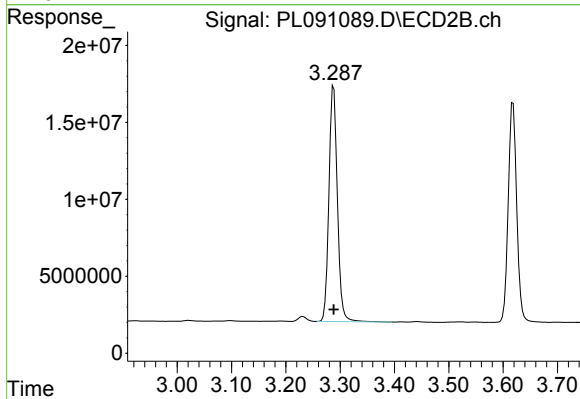
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: 0.000 min
Response: 40907872
Conc: 20.96 ng/ml



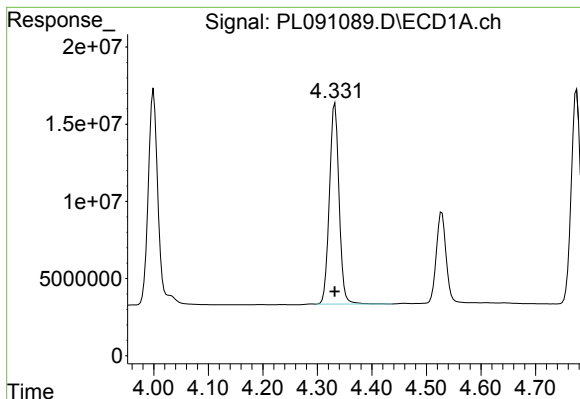
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 168067263
Conc: 56.06 ng/ml m



#2 alpha-BHC

R.T.: 3.288 min
Delta R.T.: 0.000 min
Response: 165379045
Conc: 59.63 ng/ml



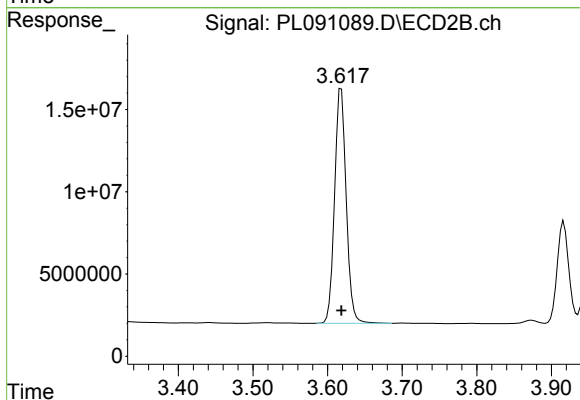
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 160150128
Conc: 55.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-W-06-202408MSD

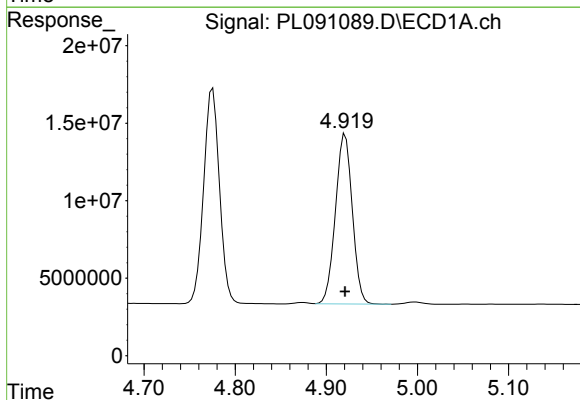
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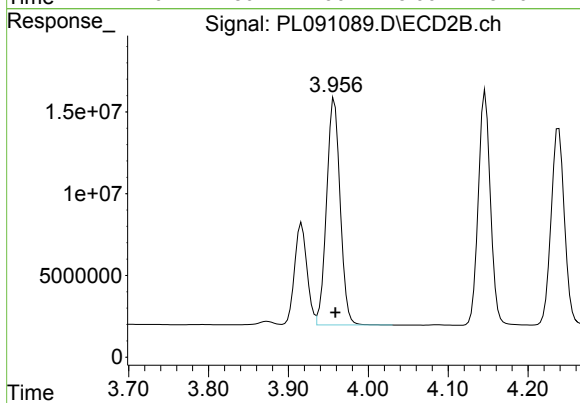
#3 gamma-BHC (Lindane)

R.T.: 3.618 min
Delta R.T.: 0.000 min
Response: 154880721
Conc: 58.80 ng/ml



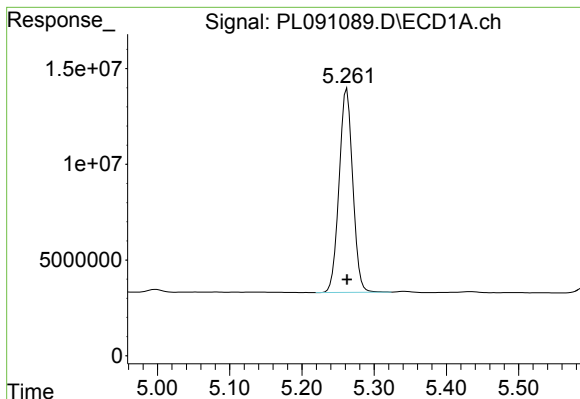
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 140720763
Conc: 52.84 ng/ml



#4 Heptachlor

R.T.: 3.958 min
Delta R.T.: -0.001 min
Response: 163427432
Conc: 63.28 ng/ml



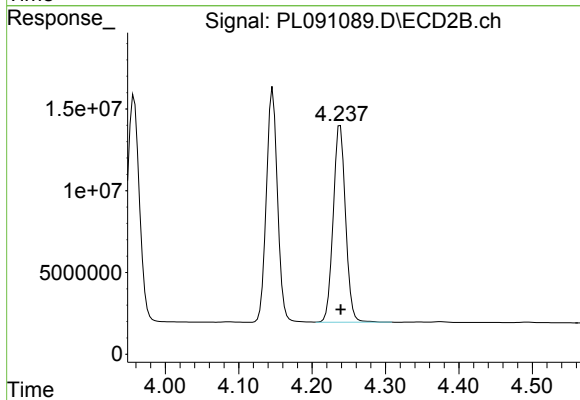
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 139014341
Conc: 53.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-W-06-202408MSD

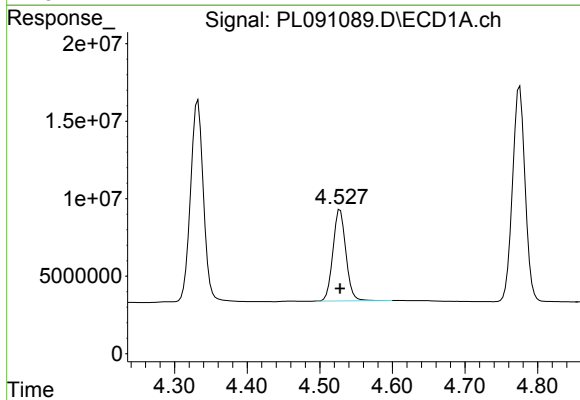
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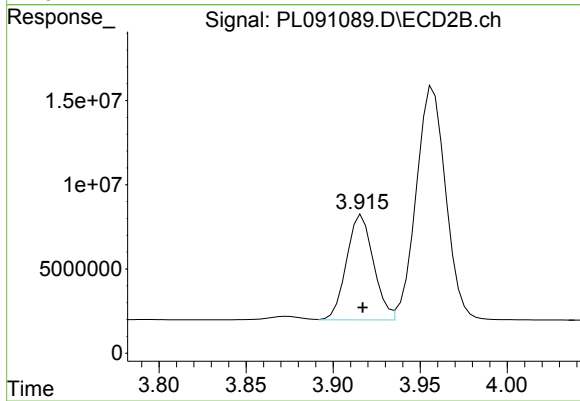
#5 Aldrin

R.T.: 4.238 min
Delta R.T.: 0.000 min
Response: 140893032
Conc: 57.29 ng/ml



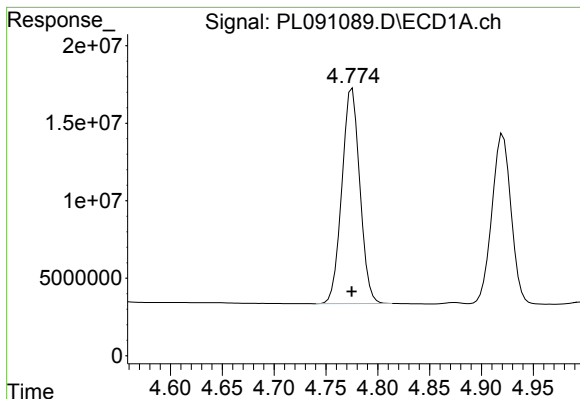
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 72974666
Conc: 53.96 ng/ml



#6 beta-BHC

R.T.: 3.917 min
Delta R.T.: 0.000 min
Response: 67176360
Conc: 57.07 ng/ml



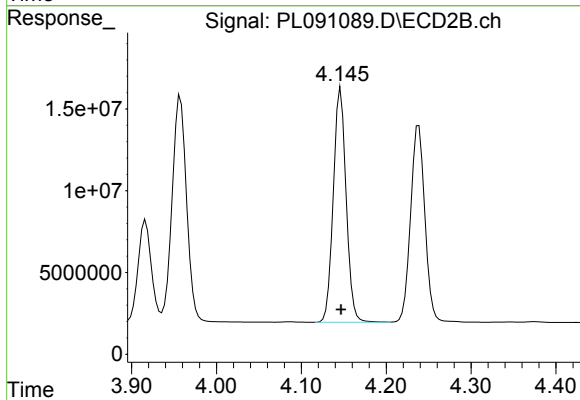
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 167402556
Conc: 61.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-W-06-202408MSD

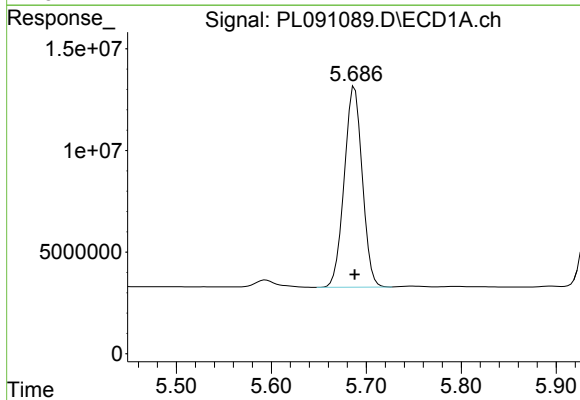
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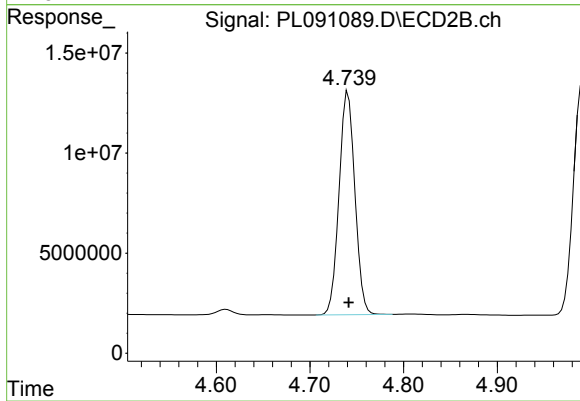
#7 delta-BHC

R.T.: 4.146 min
Delta R.T.: 0.000 min
Response: 150859181
Conc: 59.53 ng/ml



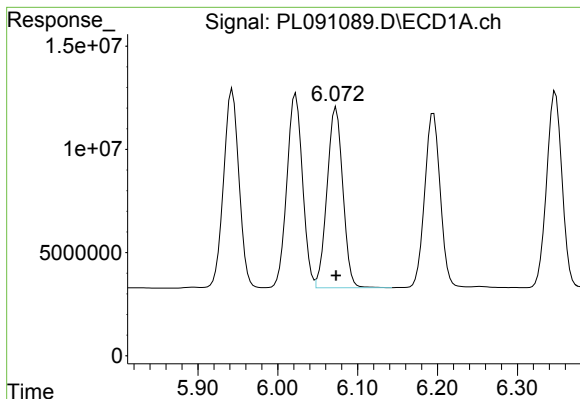
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 130189613
Conc: 53.21 ng/ml



#8 Heptachlor epoxide

R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 131270848
Conc: 58.22 ng/ml



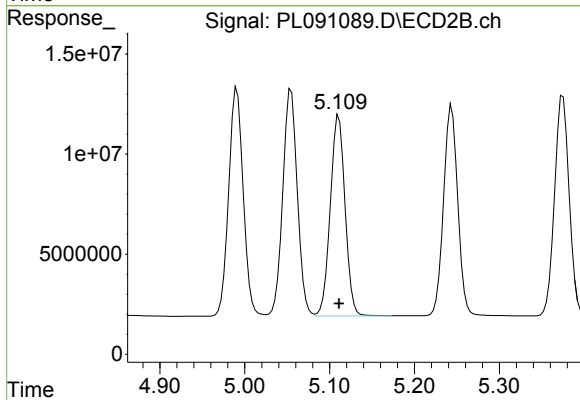
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 119990059
Conc: 53.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-W-06-202408MSD

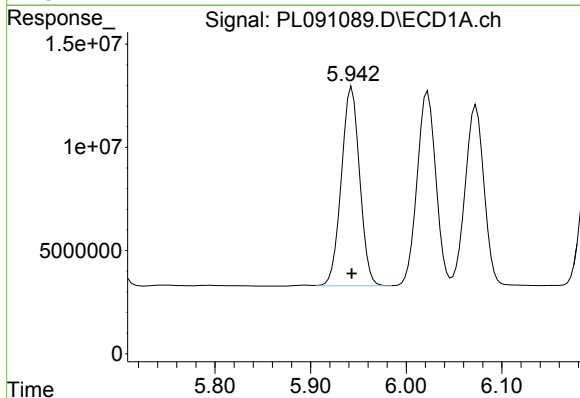
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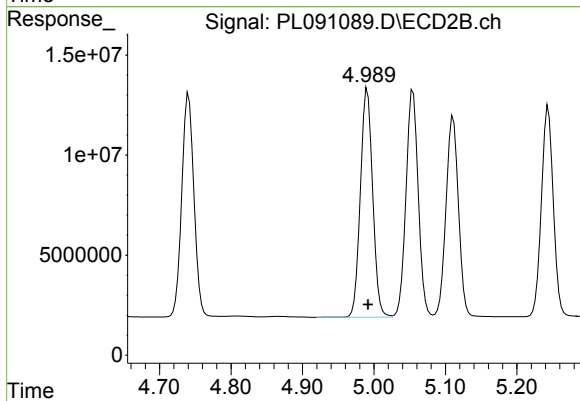
#9 Endosulfan I

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 121419831
Conc: 57.54 ng/ml



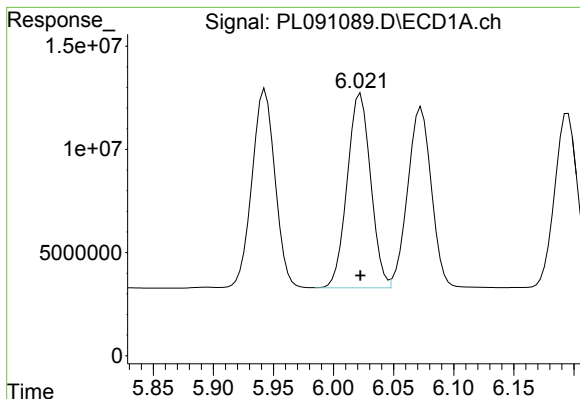
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 128884922
Conc: 53.34 ng/ml



#10 gamma-Chlordane

R.T.: 4.991 min
Delta R.T.: 0.000 min
Response: 135984500
Conc: 57.52 ng/ml



#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.000 min
Response: 128078773
Conc: 53.19 ng/ml

Instrument :

ECD_L

ClientSampleId :

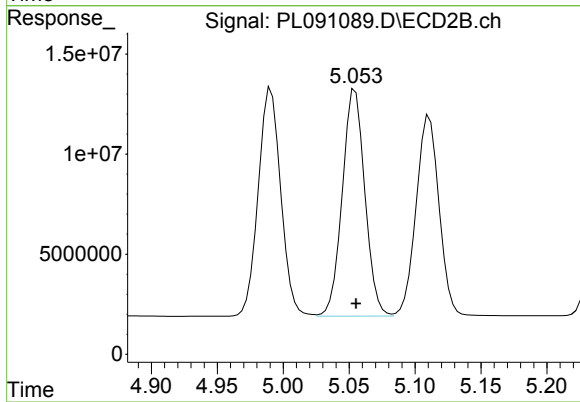
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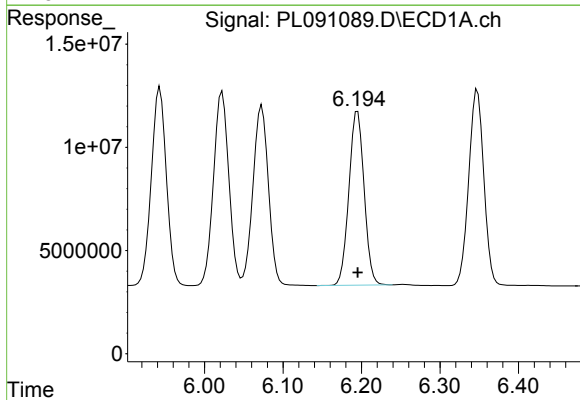
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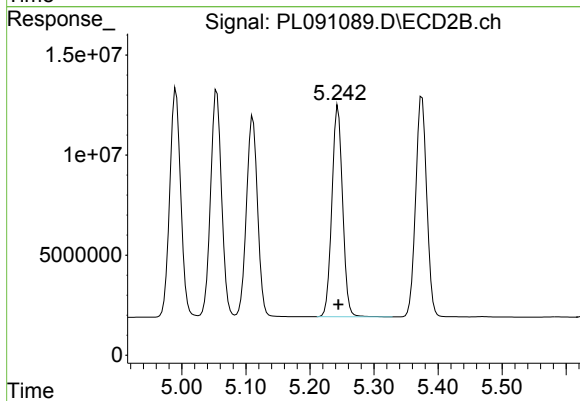
#11 alpha-Chlordane

R.T.: 5.055 min
Delta R.T.: 0.000 min
Response: 134953803
Conc: 57.36 ng/ml



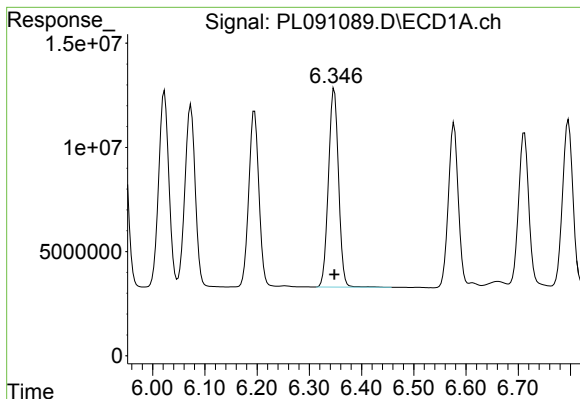
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 113408524
Conc: 54.21 ng/ml



#12 4,4'-DDE

R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 122570676
Conc: 58.66 ng/ml



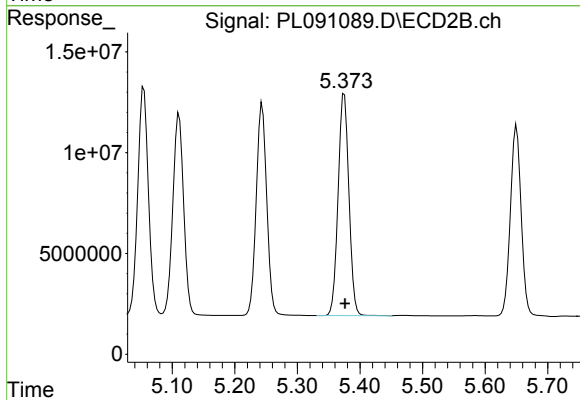
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 127888707
Conc: 54.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
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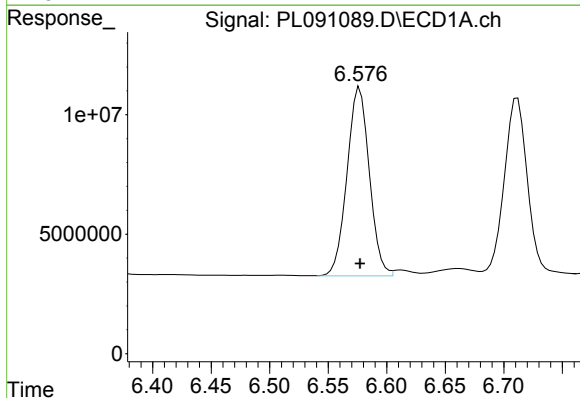
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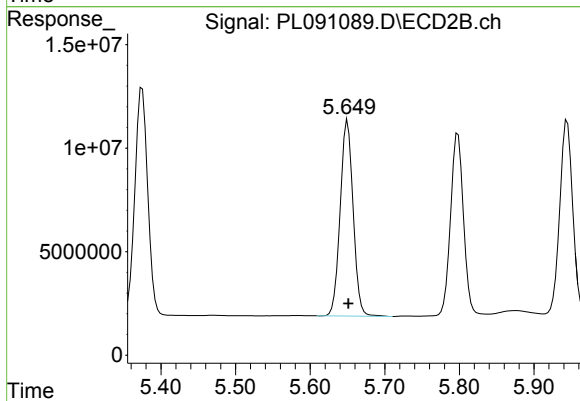
#13 Dieldrin

R.T.: 5.375 min
Delta R.T.: -0.001 min
Response: 132592653
Conc: 58.22 ng/ml



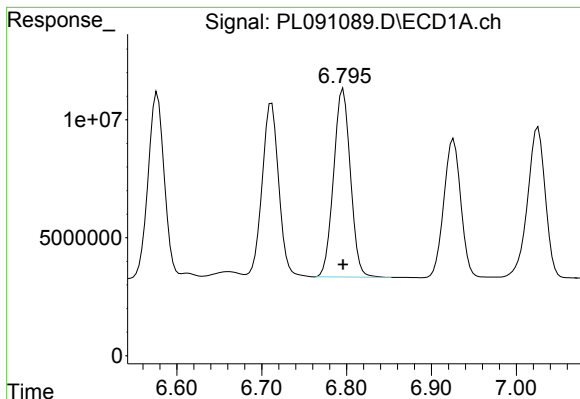
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 104464195
Conc: 53.87 ng/ml m



#14 Endrin

R.T.: 5.650 min
Delta R.T.: 0.000 min
Response: 114054302
Conc: 55.99 ng/ml



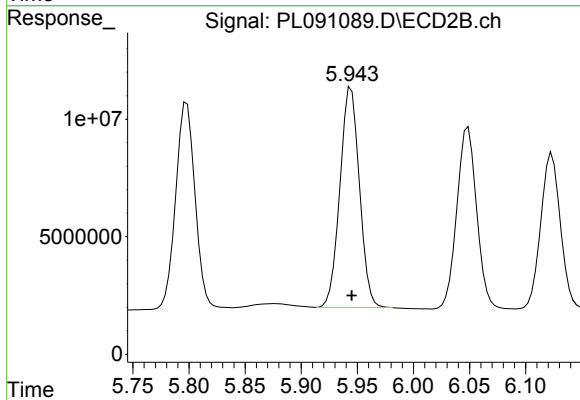
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 109591940
Conc: 54.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
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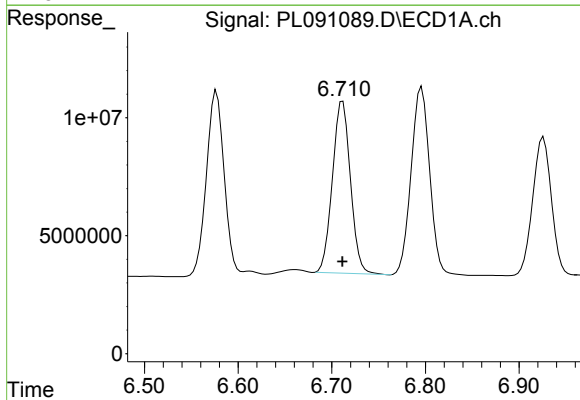
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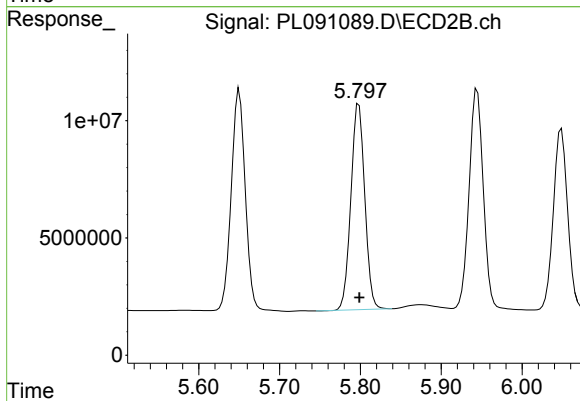
#15 Endosulfan II

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 113158870
Conc: 58.49 ng/ml



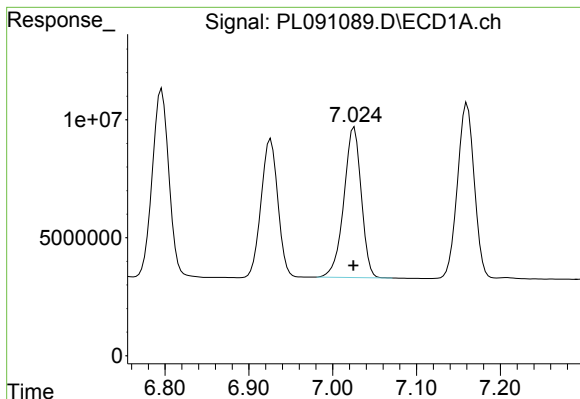
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 97541663
Conc: 64.54 ng/ml



#16 4,4'-DDD

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 104967632
Conc: 63.59 ng/ml



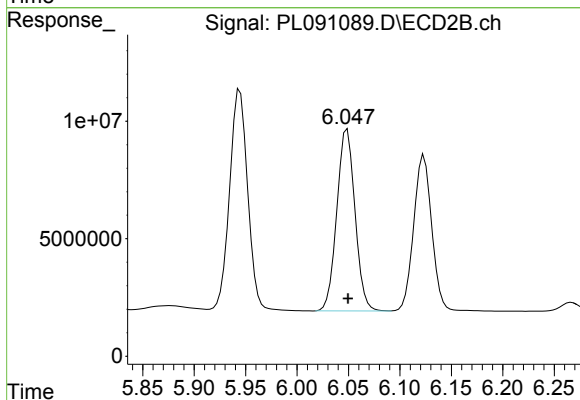
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 91926583
Conc: 51.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-W-06-202408MSD

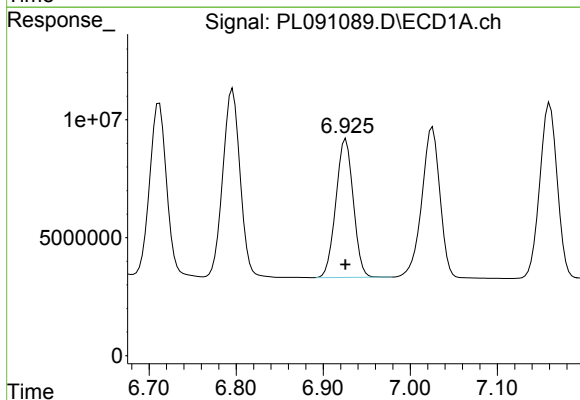
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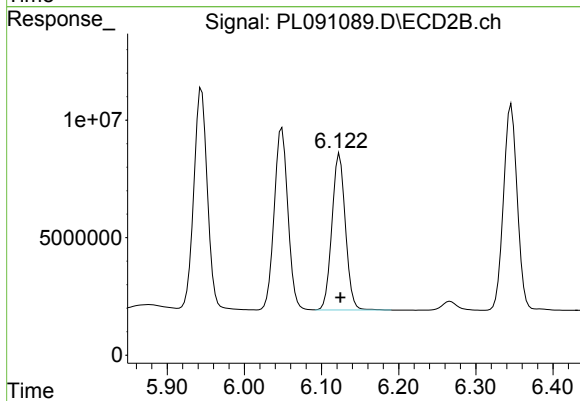
#17 4,4'-DDT

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 95160678
Conc: 53.57 ng/ml



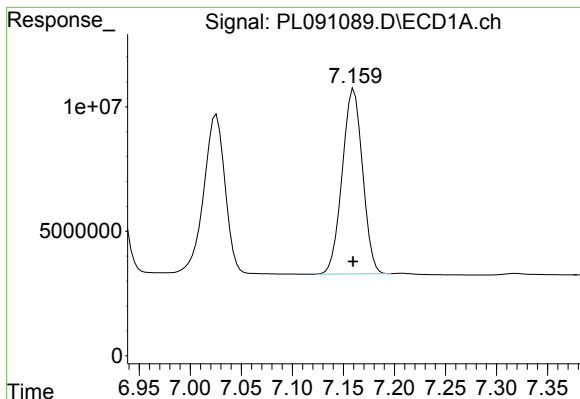
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 81514285
Conc: 51.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.123 min
Delta R.T.: -0.001 min
Response: 81184806
Conc: 52.12 ng/ml



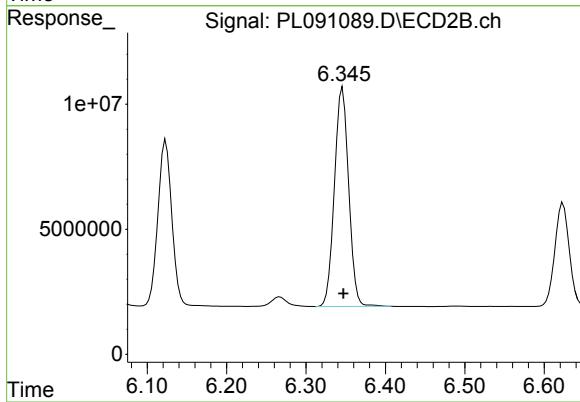
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.000 min
Response: 103109085
Conc: 53.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
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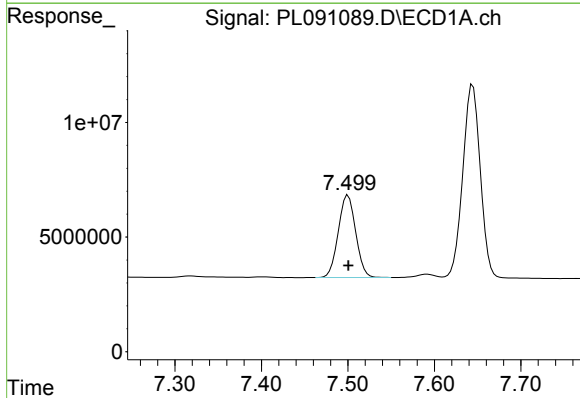
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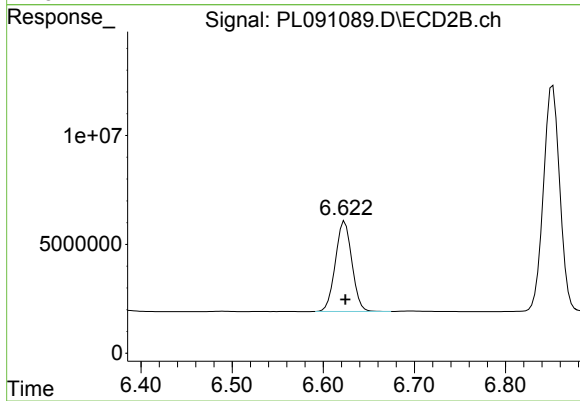
#19 Endosulfan Sulfate

R.T.: 6.346 min
Delta R.T.: -0.001 min
Response: 109190219
Conc: 56.63 ng/ml



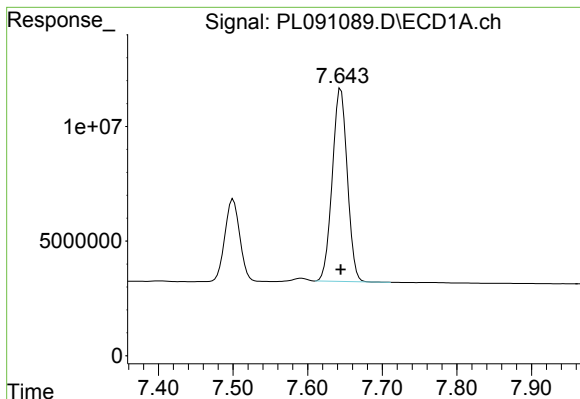
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 49903275
Conc: 53.07 ng/ml



#20 Methoxychlor

R.T.: 6.624 min
Delta R.T.: 0.000 min
Response: 52174641
Conc: 52.54 ng/ml



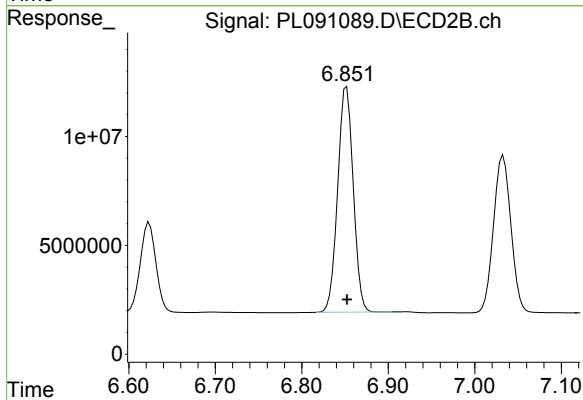
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 117588766
Conc: 56.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-W-06-202408MSD

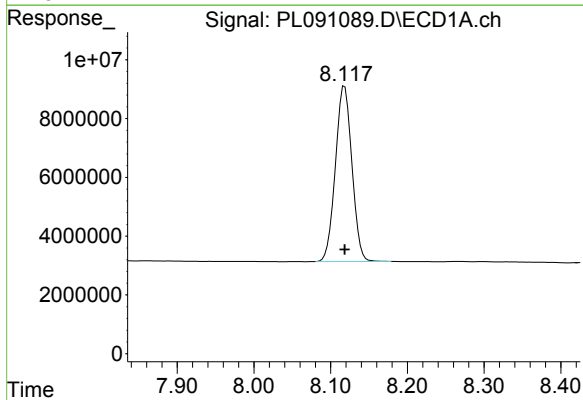
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024



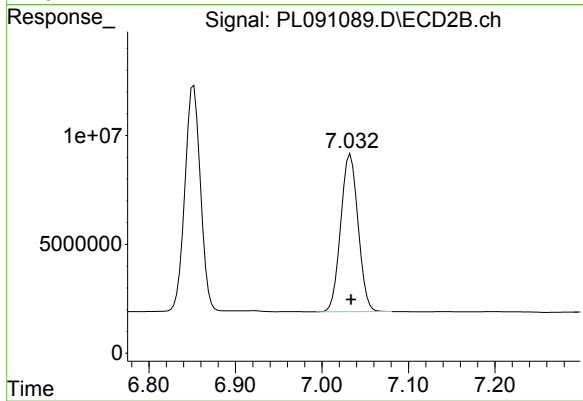
#21 Endrin ketone

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 128654444
Conc: 59.07 ng/ml



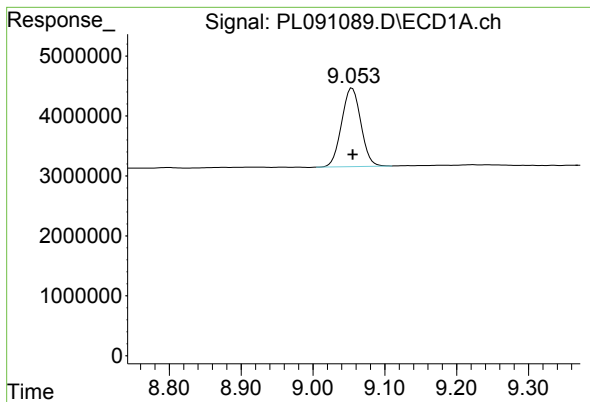
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.000 min
Response: 89342014
Conc: 52.52 ng/ml



#22 Mirex

R.T.: 7.033 min
Delta R.T.: 0.000 min
Response: 100340931
Conc: 53.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 24335322
Conc: 15.96 ng/ml

Instrument :

ECD_L

ClientSampleId :

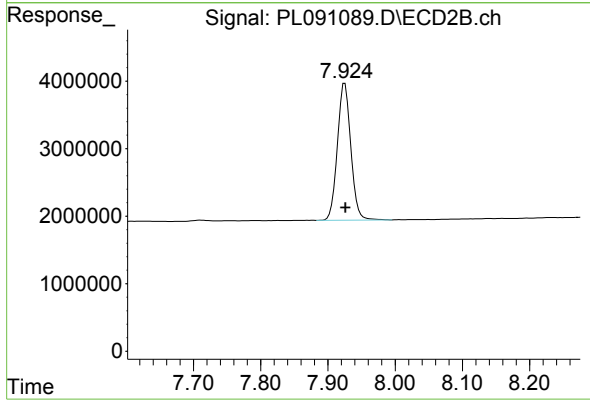
WC-W-06-202408MSD

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 27934073
Conc: 14.75 ng/ml