

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060223\
 Data File : PL083188.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2023 17:11
 Operator : AR\AJ
 Sample : PB153177BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB153177BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/05/2023
 Supervised By : Ankita Jodhani 06/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 21:02:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 2023
 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...	3.314	2.633	57505637	53707312	19.566	20.688
28)	SA Decachlor...	8.730	7.736	48015850	57466419	22.894	23.111
Target Compounds							
2)	A alpha-BHC	3.763	3.129	239.2E6	211.7E6	53.881	56.743
3)	MA gamma-BHC...	4.091	3.455	221.2E6	193.9E6	53.400	58.158
4)	MA Heptachlor	4.669	3.786	211.5E6	207.1E6	55.338	56.563
5)	MB Aldrin	5.005	4.062	197.6E6	187.2E6	56.175	57.532
6)	B beta-BHC	4.296	3.756	97068202	78922863	51.557	55.187
7)	B delta-BHC	4.536	3.982	208.9E6	189.0E6	60.750	57.686
8)	B Heptachlo...	5.432	4.563	178.2E6	170.0E6	55.724	57.273
9)	A Endosulfan I	5.812	4.930	168.0E6	158.3E6	55.989	56.646
10)	B gamma-Chl...	5.687	4.812	184.3E6	172.0E6	58.013	57.283
11)	B alpha-Chl...	5.764	4.874	178.9E6	171.7E6	55.732	57.209
12)	B 4,4'-DDE	5.943	5.065	156.5E6	144.9E6	56.786	59.657
13)	MA Dieldrin	6.087	5.193	167.9E6	160.4E6	55.819	56.832
14)	MA Endrin	6.314	5.468	149.5E6	146.6E6	55.617	57.788
15)	B Endosulfa...	6.537	5.765	138.0E6	136.0E6	52.373	54.969
16)	A 4,4'-DDD	6.459	5.619	125.5E6	113.5E6	57.745	59.019
17)	MA 4,4'-DDT	6.770	5.868	140.1E6	126.5E6	55.961	56.721
18)	B Endrin al...	6.665	5.945	111.2E6	109.3E6	55.323m	55.251
19)	B Endosulfa...	6.901	6.168	140.4E6	137.9E6	54.751	56.313
20)	A Methoxychlor	7.251	6.446	74109016	71002115	56.042	55.830
21)	B Endrin ke...	7.380	6.671	142.6E6	151.7E6	55.902	56.121
22)	Mirex	7.844	6.842	119.2E6	137.6E6	56.857	58.824

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060223\
 Data File : PL083188.D
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 Acq On : 02 Jun 2023 17:11
 Operator : AR\AJ
 Sample : PB153177BS
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 ALS Vial : 16 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB153177BS

Manual Integrations

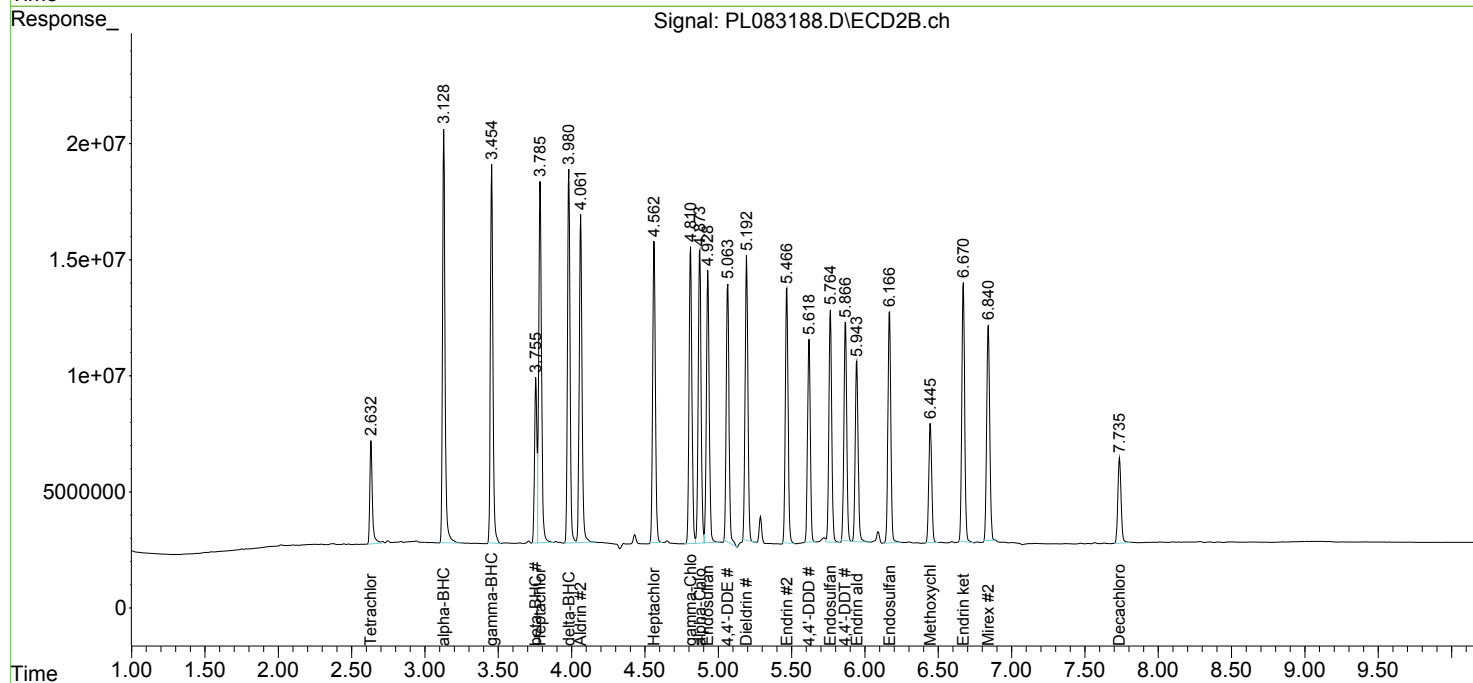
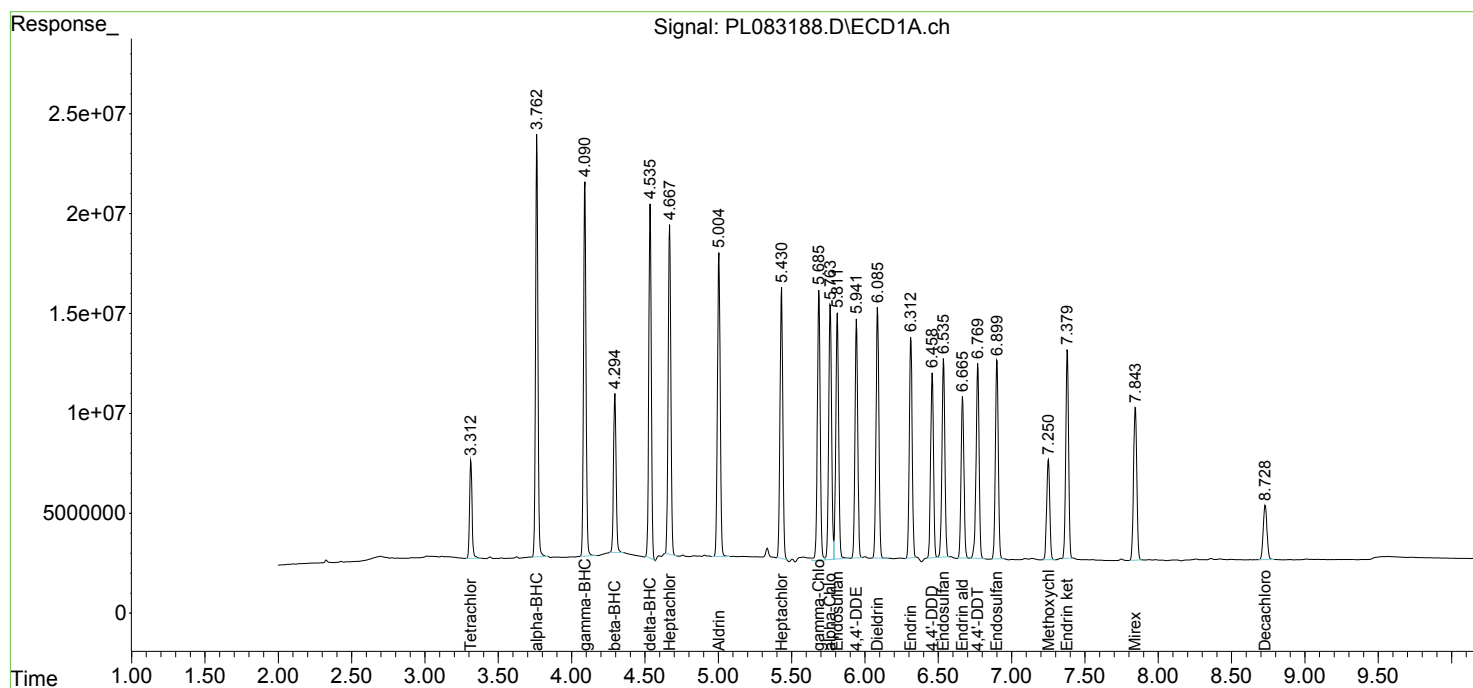
APPROVED

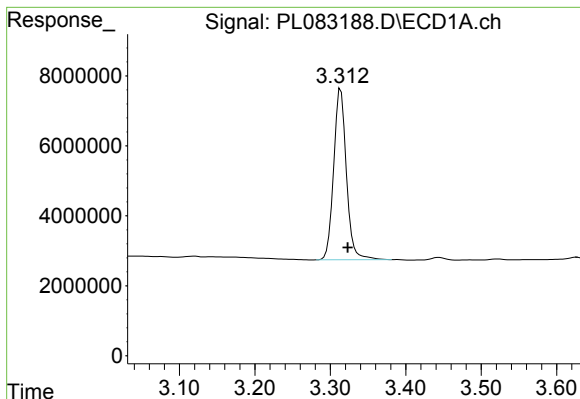
Reviewed By :Abdul Mirza 06/05/2023

Supervised By :Ankita Jodhani 06/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 21:02:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
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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





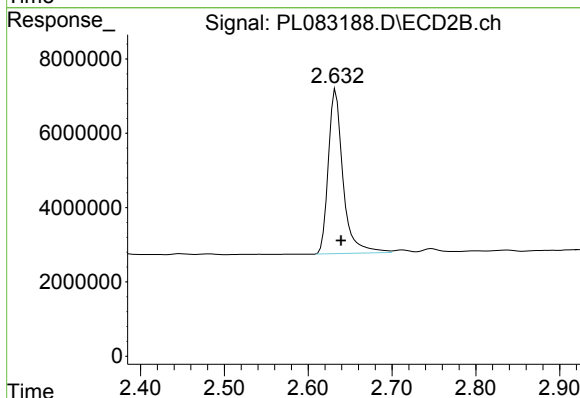
#1 Tetrachloro-m-xylene

R.T.: 3.314 min
Delta R.T.: -0.009 min
Response: 57505637
Conc: 19.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153177BS

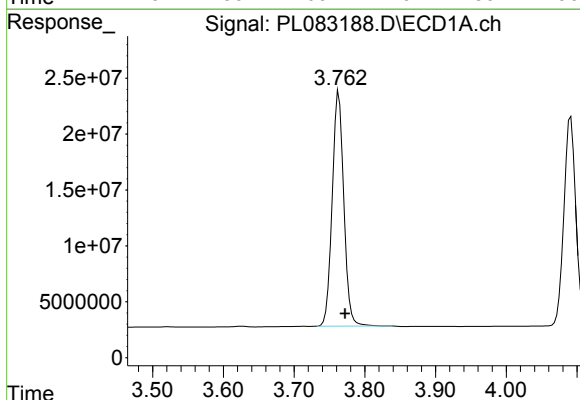
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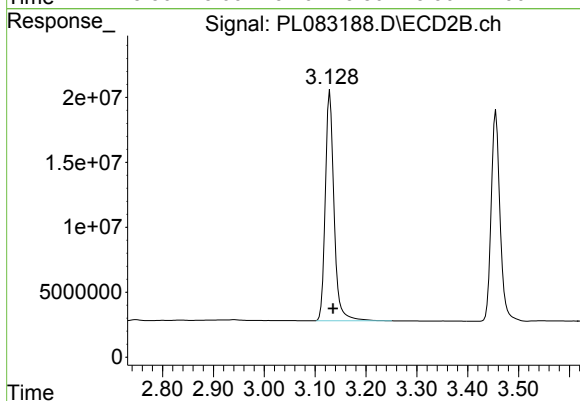
#1 Tetrachloro-m-xylene

R.T.: 2.633 min
Delta R.T.: -0.006 min
Response: 53707312
Conc: 20.69 ng/ml



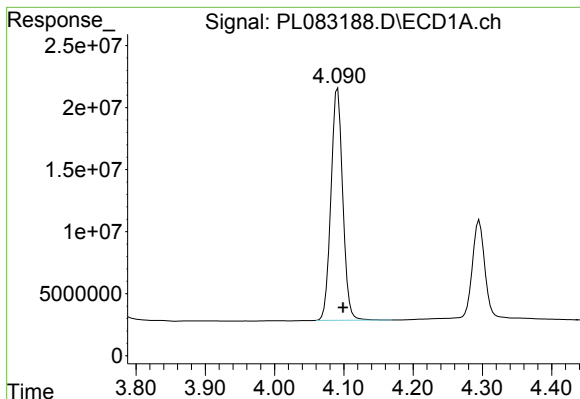
#2 alpha-BHC

R.T.: 3.763 min
Delta R.T.: -0.009 min
Response: 239192357
Conc: 53.88 ng/ml



#2 alpha-BHC

R.T.: 3.129 min
Delta R.T.: -0.006 min
Response: 211733080
Conc: 56.74 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.091 min
Delta R.T.: -0.008 min
Response: 221233468
Conc: 53.40 ng/ml

Instrument :

ECD_L

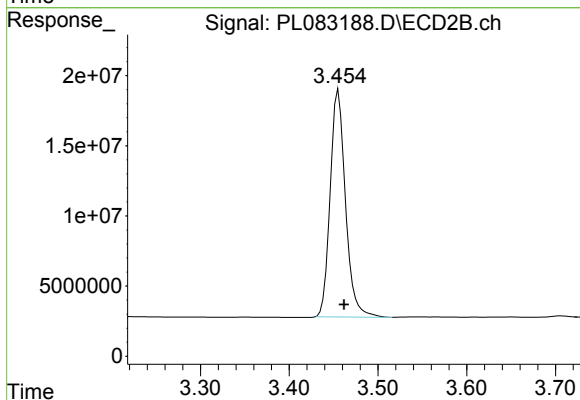
ClientSampleId :

PB153177BS

Manual Integrations

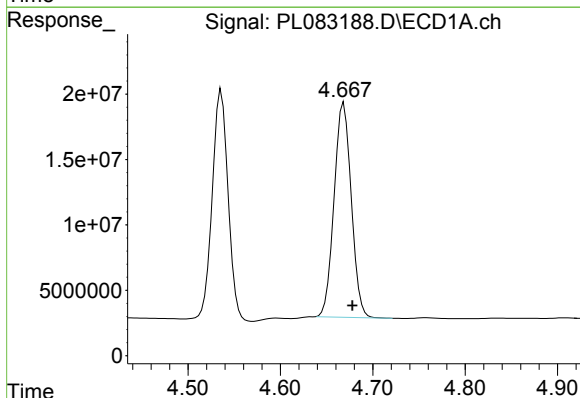
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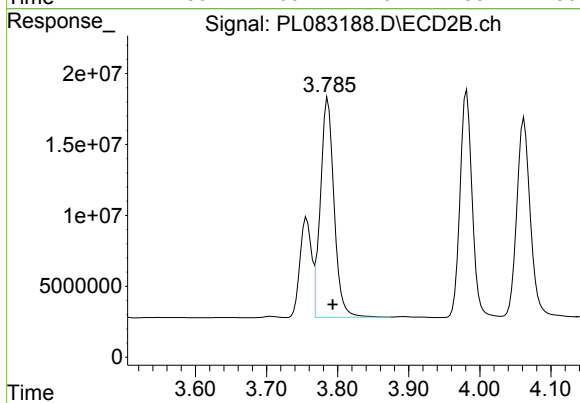
#3 gamma-BHC (Lindane)

R.T.: 3.455 min
Delta R.T.: -0.006 min
Response: 193857290
Conc: 58.16 ng/ml



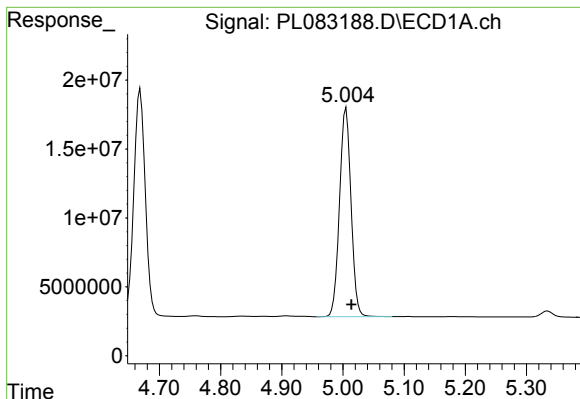
#4 Heptachlor

R.T.: 4.669 min
Delta R.T.: -0.009 min
Response: 211528498
Conc: 55.34 ng/ml



#4 Heptachlor

R.T.: 3.786 min
Delta R.T.: -0.007 min
Response: 207083279
Conc: 56.56 ng/ml



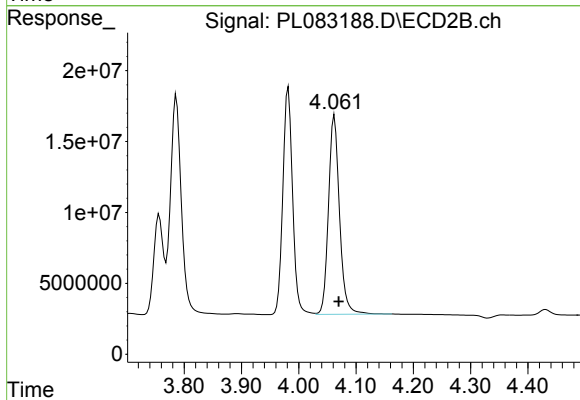
#5 Aldrin

R.T.: 5.005 min
Delta R.T.: -0.009 min
Response: 197631387
Conc: 56.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153177BS

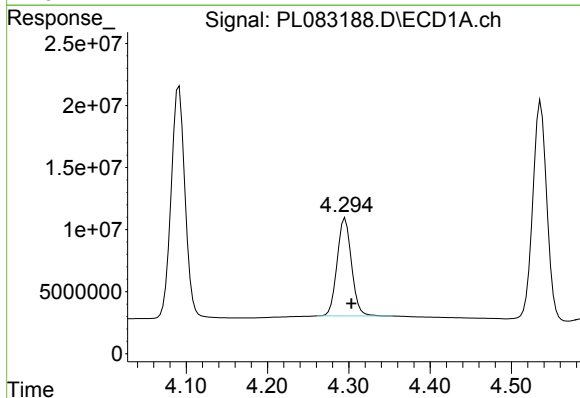
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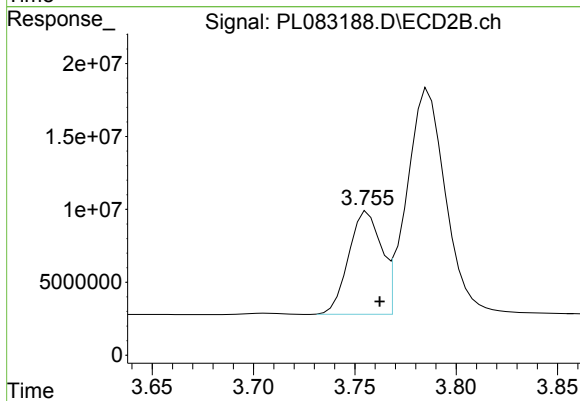
#5 Aldrin

R.T.: 4.062 min
Delta R.T.: -0.007 min
Response: 187187404
Conc: 57.53 ng/ml



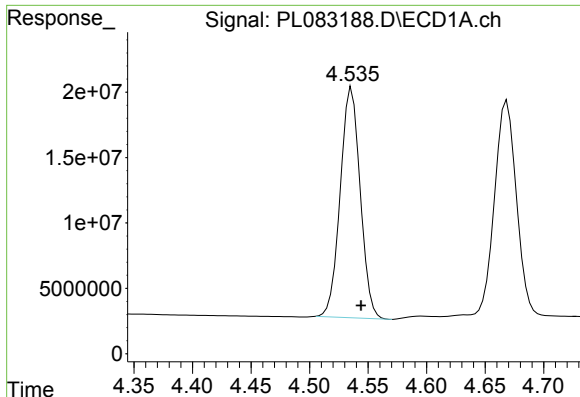
#6 beta-BHC

R.T.: 4.296 min
Delta R.T.: -0.007 min
Response: 97068202
Conc: 51.56 ng/ml



#6 beta-BHC

R.T.: 3.756 min
Delta R.T.: -0.006 min
Response: 78922863
Conc: 55.19 ng/ml



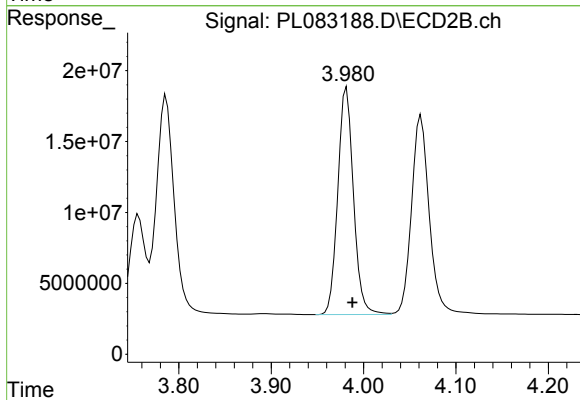
#7 delta-BHC

R.T.: 4.536 min
Delta R.T.: -0.008 min
Response: 208914201
Conc: 60.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153177BS

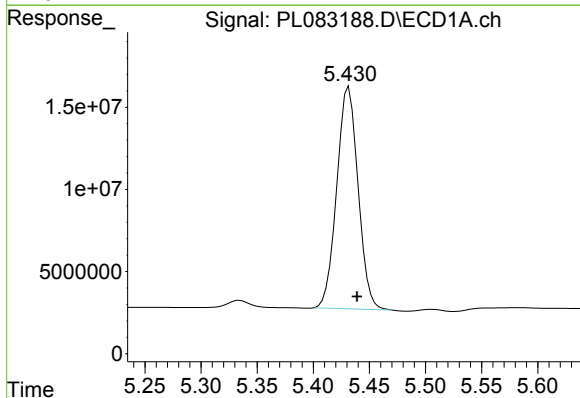
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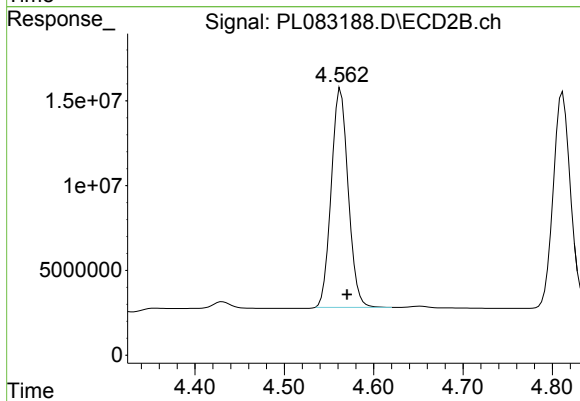
#7 delta-BHC

R.T.: 3.982 min
Delta R.T.: -0.006 min
Response: 189004182
Conc: 57.69 ng/ml



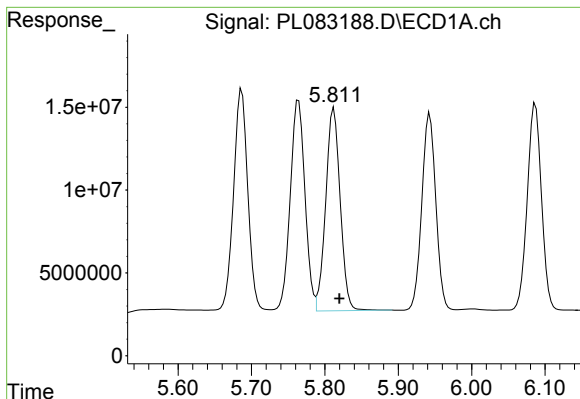
#8 Heptachlor epoxide

R.T.: 5.432 min
Delta R.T.: -0.007 min
Response: 178246000
Conc: 55.72 ng/ml



#8 Heptachlor epoxide

R.T.: 4.563 min
Delta R.T.: -0.007 min
Response: 169979273
Conc: 57.27 ng/ml



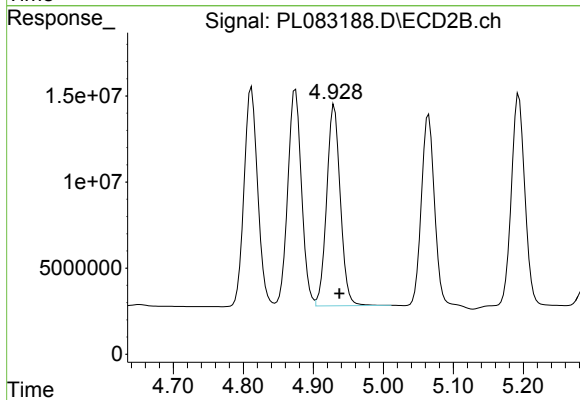
#9 Endosulfan I

R.T.: 5.812 min
Delta R.T.: -0.008 min
Response: 167999047
Conc: 55.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153177BS

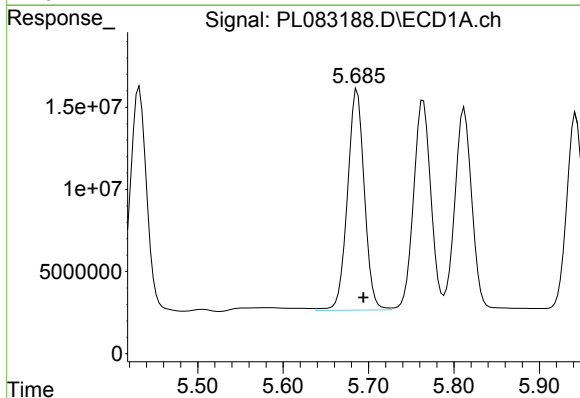
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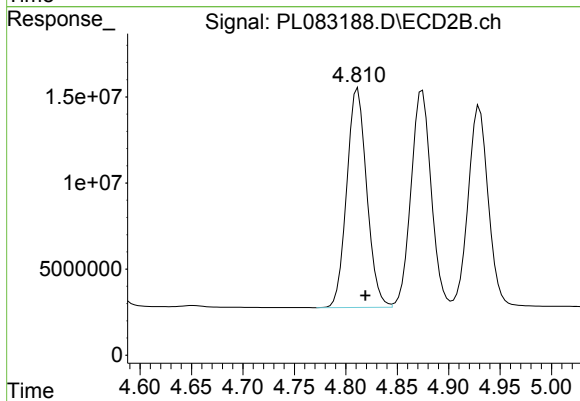
#9 Endosulfan I

R.T.: 4.930 min
Delta R.T.: -0.007 min
Response: 158288632
Conc: 56.65 ng/ml



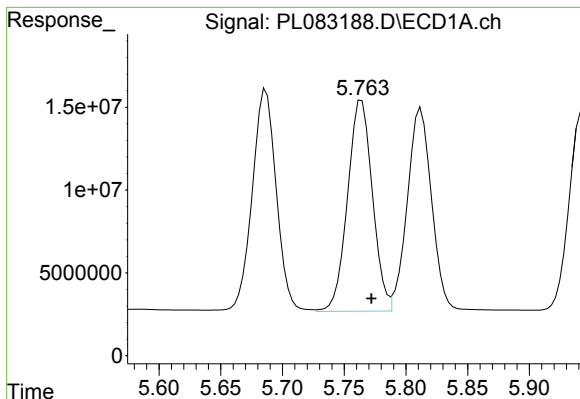
#10 gamma-Chlordane

R.T.: 5.687 min
Delta R.T.: -0.007 min
Response: 184304749
Conc: 58.01 ng/ml



#10 gamma-Chlordane

R.T.: 4.812 min
Delta R.T.: -0.007 min
Response: 172043235
Conc: 57.28 ng/ml



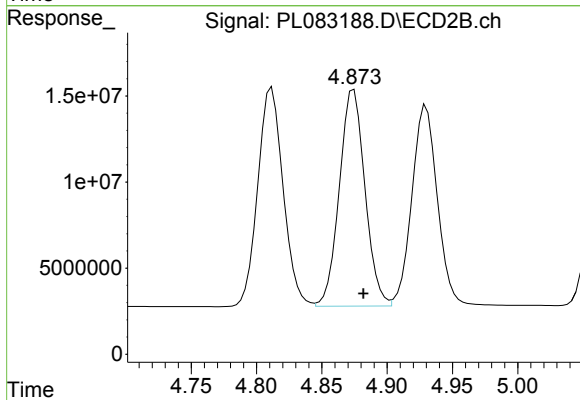
#11 alpha-Chlordane

R.T.: 5.764 min
Delta R.T.: -0.008 min
Response: 178861649
Conc: 55.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153177BS

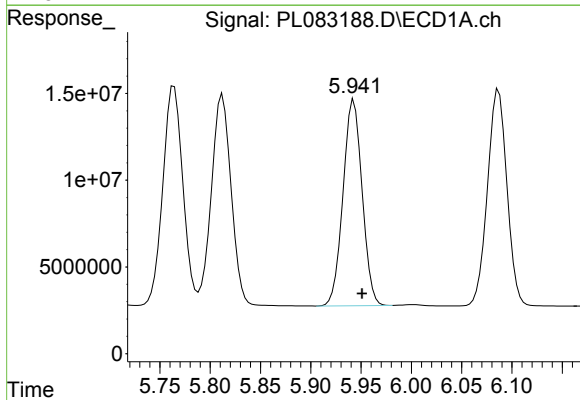
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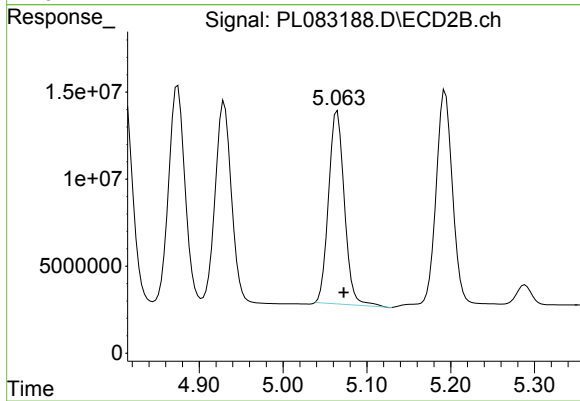
#11 alpha-Chlordane

R.T.: 4.874 min
Delta R.T.: -0.007 min
Response: 171741359
Conc: 57.21 ng/ml



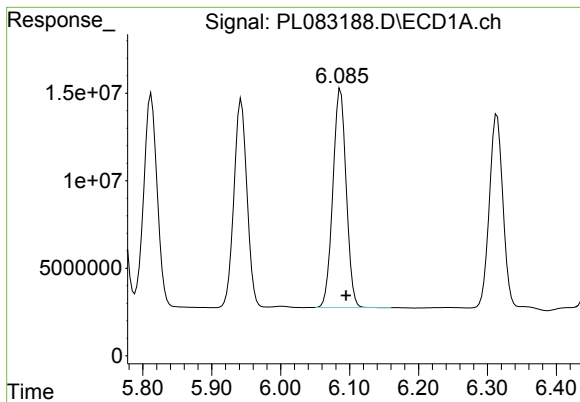
#12 4,4'-DDE

R.T.: 5.943 min
Delta R.T.: -0.008 min
Response: 156531903
Conc: 56.79 ng/ml



#12 4,4'-DDE

R.T.: 5.065 min
Delta R.T.: -0.008 min
Response: 144891885
Conc: 59.66 ng/ml



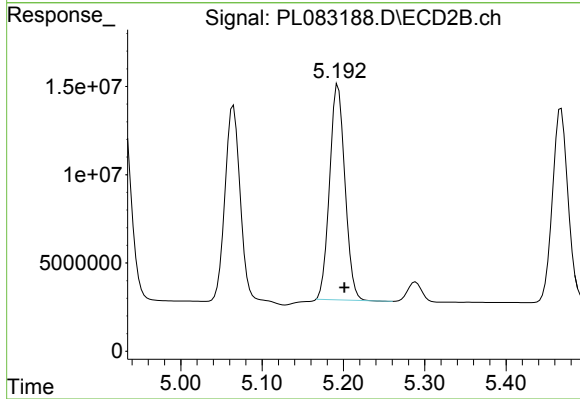
#13 Dieldrin

R.T.: 6.087 min
Delta R.T.: -0.008 min
Response: 167896372
Conc: 55.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153177BS

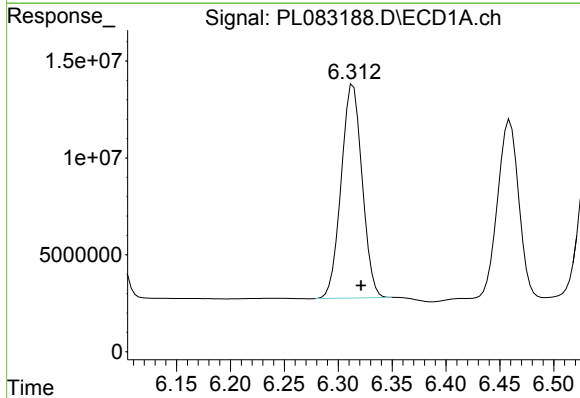
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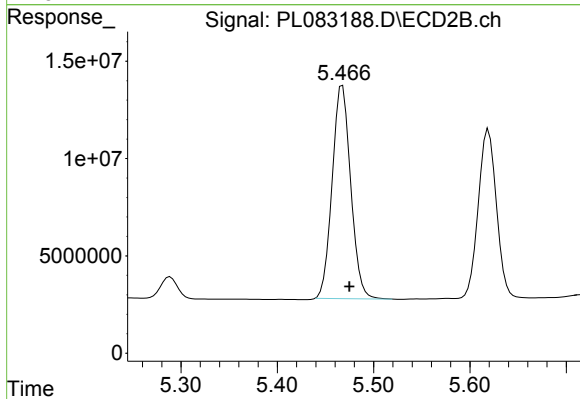
#13 Dieldrin

R.T.: 5.193 min
Delta R.T.: -0.008 min
Response: 160431780
Conc: 56.83 ng/ml



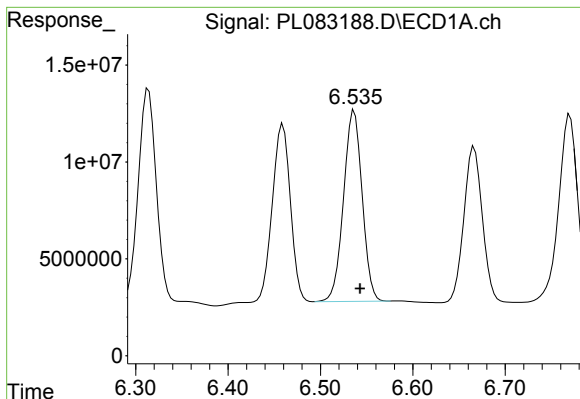
#14 Endrin

R.T.: 6.314 min
Delta R.T.: -0.007 min
Response: 149457027
Conc: 55.62 ng/ml



#14 Endrin

R.T.: 5.468 min
Delta R.T.: -0.007 min
Response: 146604151
Conc: 57.79 ng/ml



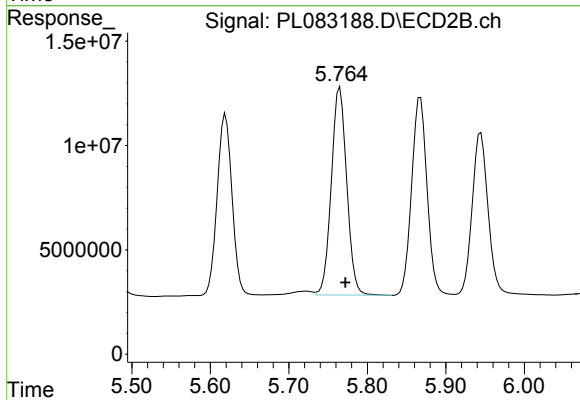
#15 Endosulfan II

R.T.: 6.537 min
Delta R.T.: -0.006 min
Response: 137958363
Conc: 52.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153177BS

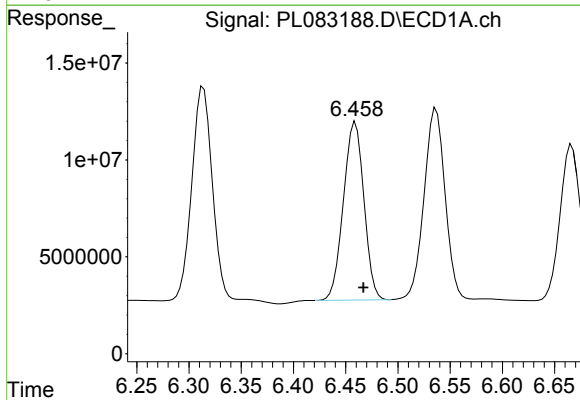
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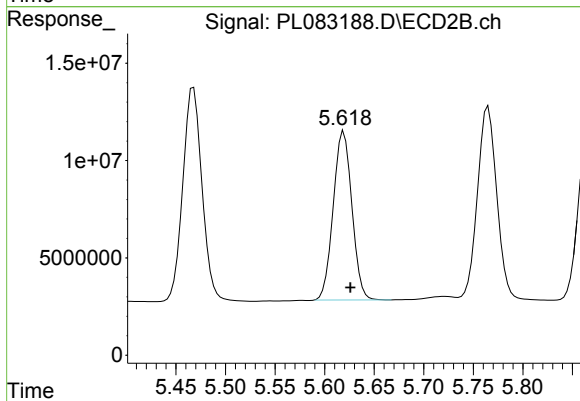
#15 Endosulfan II

R.T.: 5.765 min
Delta R.T.: -0.007 min
Response: 136004052
Conc: 54.97 ng/ml



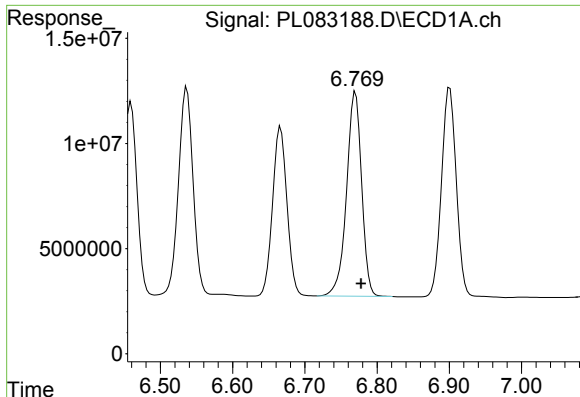
#16 4,4'-DDD

R.T.: 6.459 min
Delta R.T.: -0.008 min
Response: 125483066
Conc: 57.74 ng/ml



#16 4,4'-DDD

R.T.: 5.619 min
Delta R.T.: -0.007 min
Response: 113507376
Conc: 59.02 ng/ml



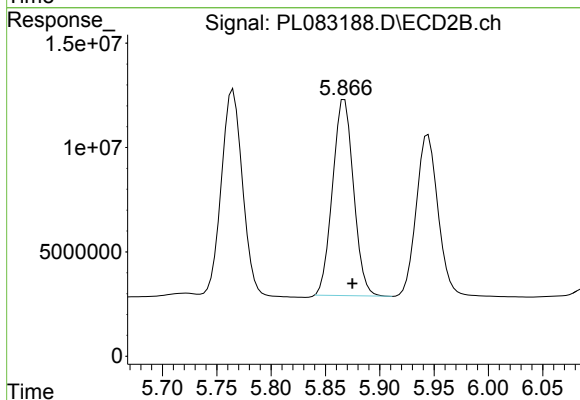
#17 4,4'-DDT

R.T.: 6.770 min
Delta R.T.: -0.008 min
Response: 140080556
Conc: 55.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153177BS

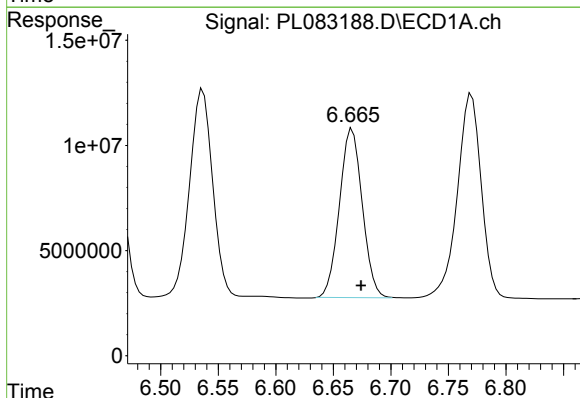
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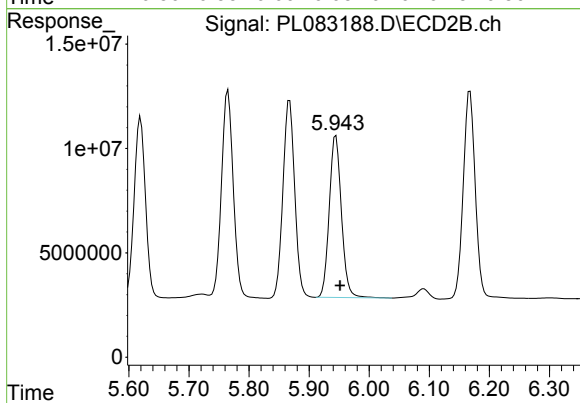
#17 4,4'-DDT

R.T.: 5.868 min
Delta R.T.: -0.007 min
Response: 126546890
Conc: 56.72 ng/ml



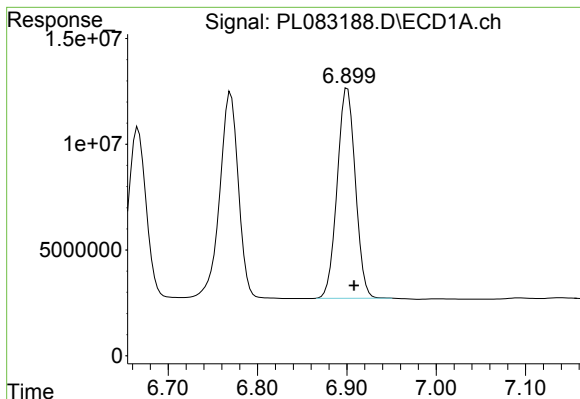
#18 Endrin aldehyde

R.T.: 6.665 min
Delta R.T.: -0.009 min
Response: 111235953
Conc: 55.32 ng/ml m



#18 Endrin aldehyde

R.T.: 5.945 min
Delta R.T.: -0.007 min
Response: 109257134
Conc: 55.25 ng/ml



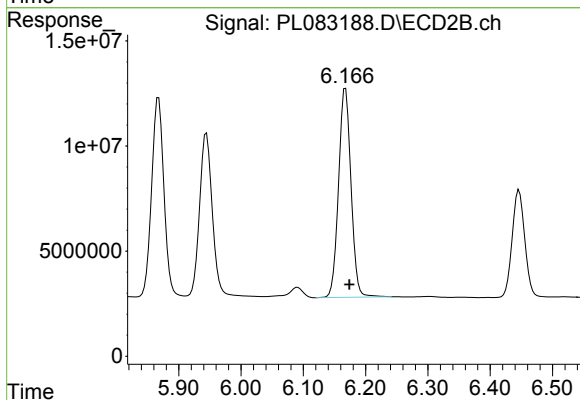
#19 Endosulfan Sulfate

R.T.: 6.901 min
Delta R.T.: -0.007 min
Response: 140366932
Conc: 54.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153177BS

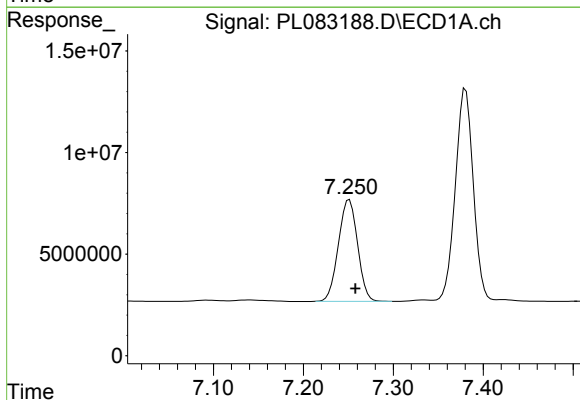
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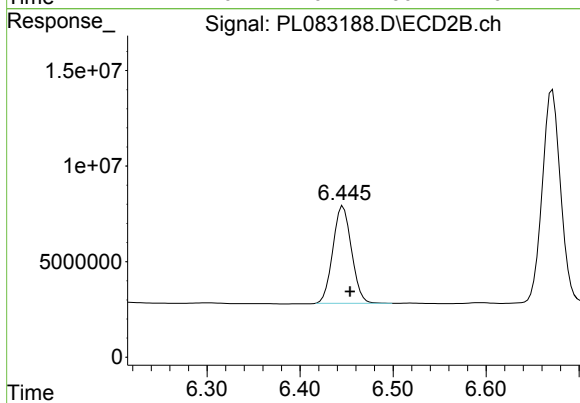
#19 Endosulfan Sulfate

R.T.: 6.168 min
Delta R.T.: -0.006 min
Response: 137909289
Conc: 56.31 ng/ml



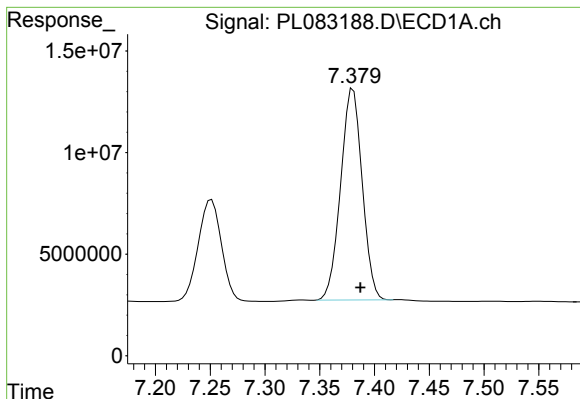
#20 Methoxychlor

R.T.: 7.251 min
Delta R.T.: -0.007 min
Response: 74109016
Conc: 56.04 ng/ml



#20 Methoxychlor

R.T.: 6.446 min
Delta R.T.: -0.008 min
Response: 71002115
Conc: 55.83 ng/ml



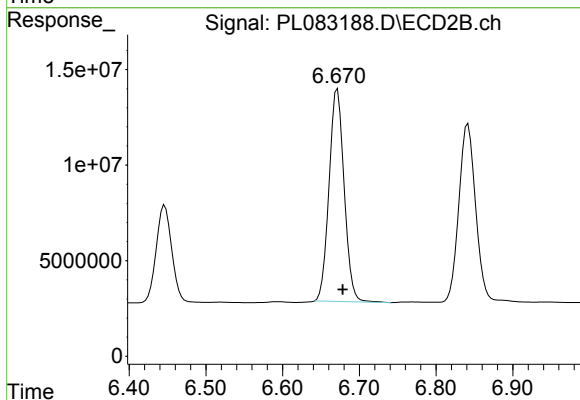
#21 Endrin ketone

R.T.: 7.380 min
Delta R.T.: -0.007 min
Response: 142593357
Conc: 55.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153177BS

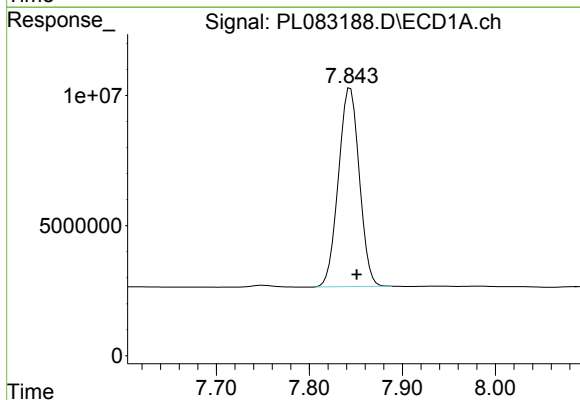
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2023
Supervised By :Ankita Jodhani 06/05/2023



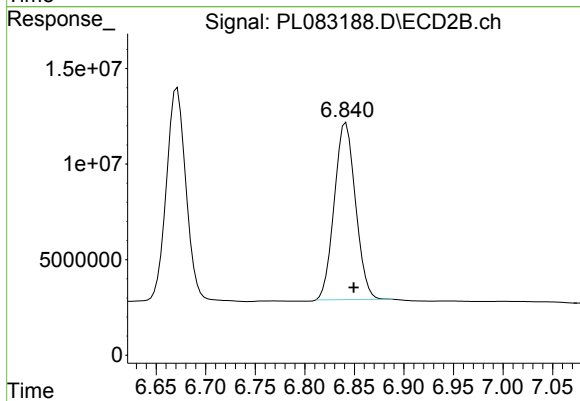
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: -0.007 min
Response: 151742123
Conc: 56.12 ng/ml



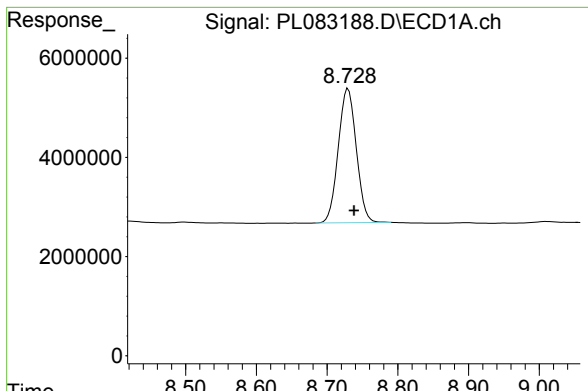
#22 Mirex

R.T.: 7.844 min
Delta R.T.: -0.007 min
Response: 119175094
Conc: 56.86 ng/ml



#22 Mirex

R.T.: 6.842 min
Delta R.T.: -0.008 min
Response: 137637314
Conc: 58.82 ng/ml



#28 Decachlorobiphenyl

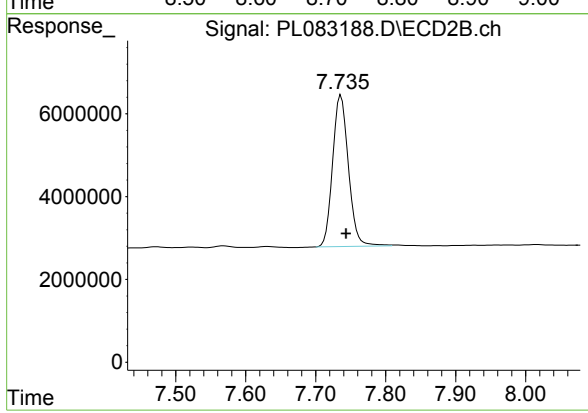
R.T.: 8.730 min
Delta R.T.: -0.008 min
Response: 48015850
Conc: 22.89 ng/ml

Instrument :
ECD_L

ClientSampleId :
PB153177BS

Manual Integrations
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Supervised By :Ankita Jodhani 06/05/2023



#28 Decachlorobiphenyl

R.T.: 7.736 min
Delta R.T.: -0.007 min
Response: 57466419
Conc: 23.11 ng/ml