

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060623\
 Data File : PL083256.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2023 17:04
 Operator : AR\AJ
 Sample : PB153235BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB153235BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/07/2023
 Supervised By :Ankita Jodhani 06/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 21:06:05 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...	3.313	2.633	52802002	47024606	17.966	18.114
28)	SA Decachlor...	8.732	7.736	41788930	48074423	19.925	19.334
Target Compounds							
2)	A alpha-BHC	3.763	3.129	213.7E6	179.2E6	48.132	48.016
3)	MA gamma-BHC...	4.091	3.455	199.0E6	166.6E6	48.042	49.983
4)	MA Heptachlor	4.669	3.786	191.7E6	173.4E6	50.143	47.361
5)	MB Aldrin	5.005	4.061	179.8E6	157.3E6	51.094	48.335
6)	B beta-BHC	4.295	3.756	90109758	69668792	47.861	48.716
7)	B delta-BHC	4.536	3.981	198.2E6	160.8E6	57.645	49.070
8)	B Heptachlo...	5.432	4.563	159.6E6	144.0E6	49.899	48.529
9)	A Endosulfan I	5.812	4.929	148.7E6	135.0E6	49.565	48.308
10)	B gamma-Chl...	5.686	4.811	163.4E6	146.2E6	51.444	48.669
11)	B alpha-Chl...	5.764	4.873	159.3E6	145.3E6	49.638	48.416
12)	B 4,4'-DDE	5.943	5.063	141.1E6	125.6E6	51.193	51.727m
13)	MA Dieldrin	6.087	5.191	150.5E6	136.3E6	50.019	48.275m
14)	MA Endrin	6.314	5.466	129.9E6	121.1E6	48.340	47.723m
15)	B Endosulfa...	6.536	5.764	134.0E6	115.3E6	50.728	46.610
16)	A 4,4'-DDD	6.459	5.618	116.0E6	102.8E6	53.393	53.461
17)	MA 4,4'-DDT	6.770	5.867	119.3E6	104.6E6	47.641	46.903
18)	B Endrin al...	6.667	5.944	97314795	93015486	48.400	47.038
19)	B Endosulfa...	6.901	6.167	124.0E6	117.3E6	48.375	47.895
20)	A Methoxychlor	7.252	6.445	61730762	59164657	46.682	46.522
21)	B Endrin ke...	7.381	6.671	126.8E6	128.7E6	49.727	47.596
22)	Mirex	7.845	6.842	106.5E6	113.3E6	50.820	48.425

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060623\
Data File : PL083256.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jun 2023 17:04
Operator : AR\AJ
Sample : PB153235BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

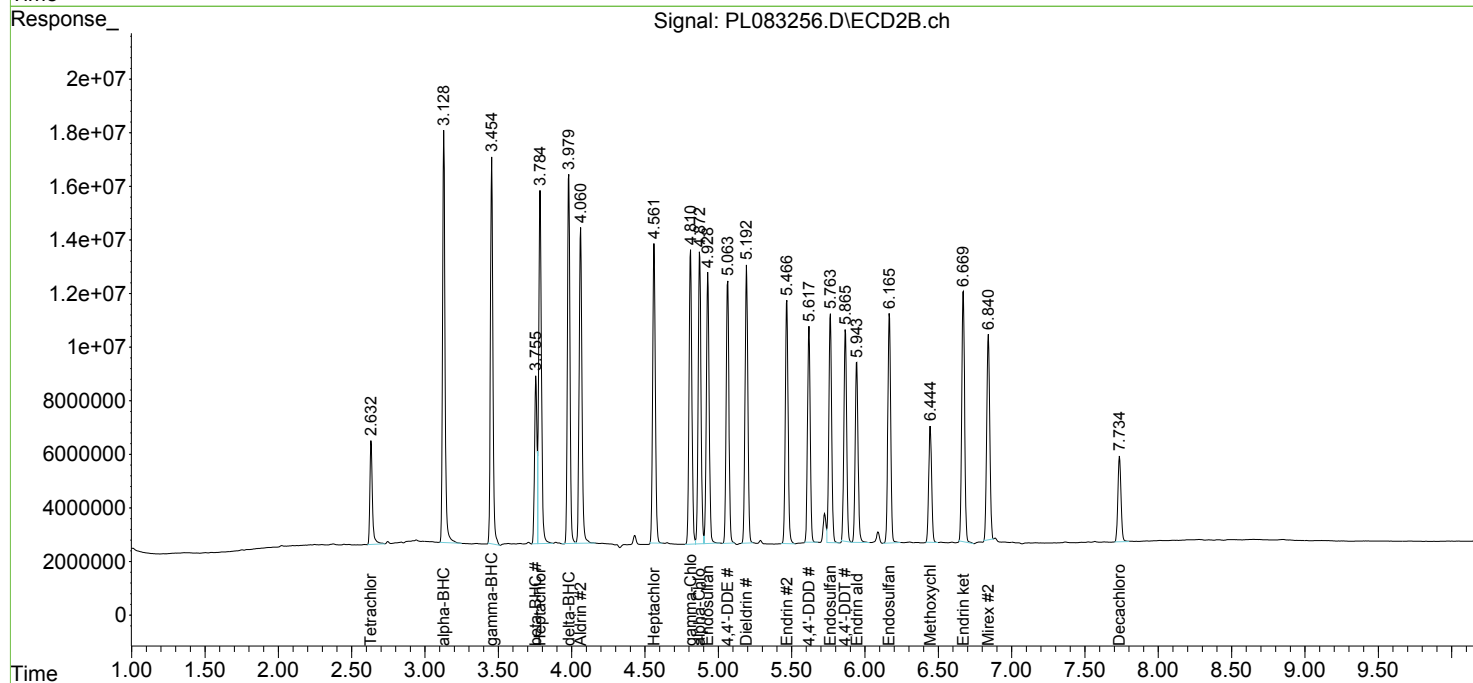
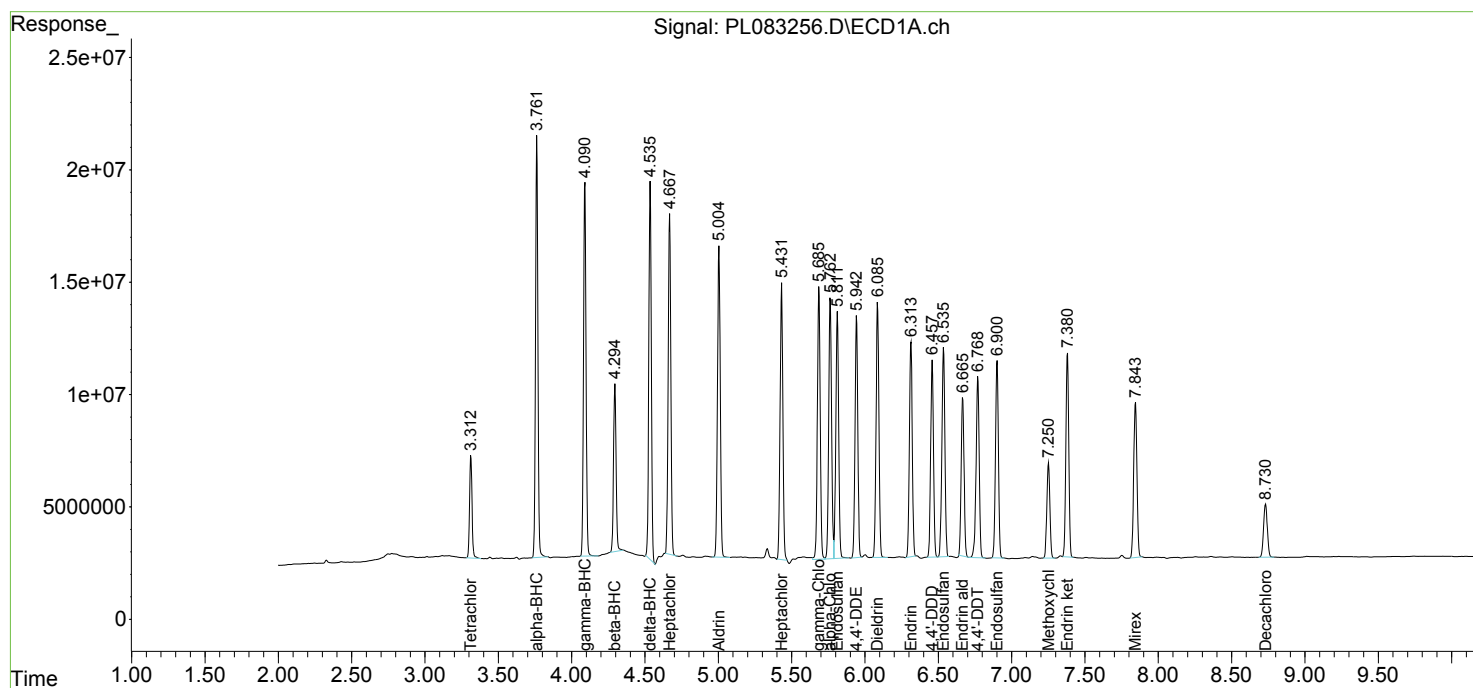
Instrument :
ECD_L
ClientSampleId :
PB153235BS

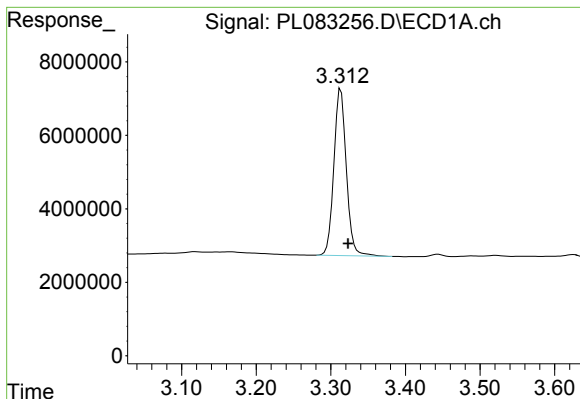
Manual Integrations
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Reviewed By : Abdul Mirza 06/07/2023
Supervised By : Ankita Jodhani 06/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 06 21:06:05 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





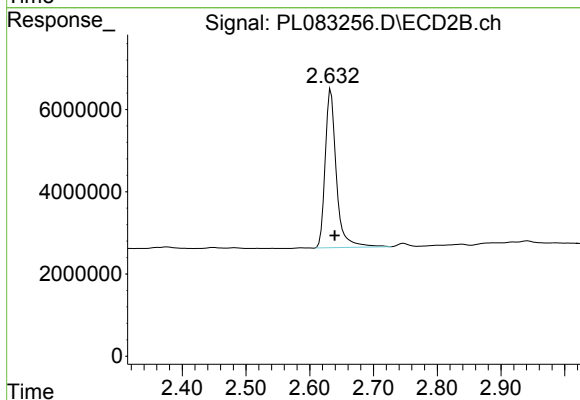
#1 Tetrachloro-m-xylene

R.T.: 3.313 min
Delta R.T.: -0.010 min
Response: 52802002
Conc: 17.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153235BS

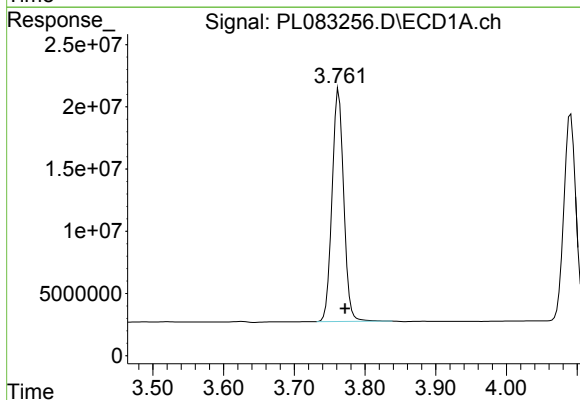
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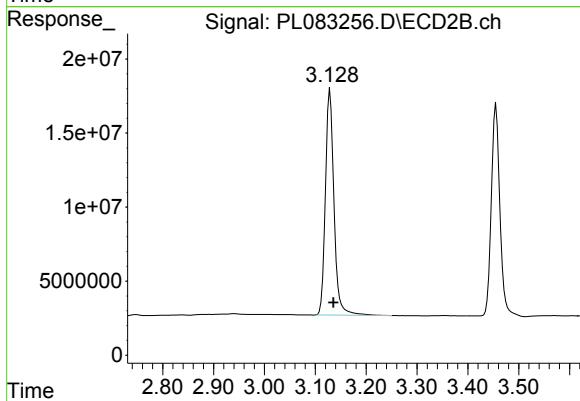
#1 Tetrachloro-m-xylene

R.T.: 2.633 min
Delta R.T.: -0.006 min
Response: 47024606
Conc: 18.11 ng/ml



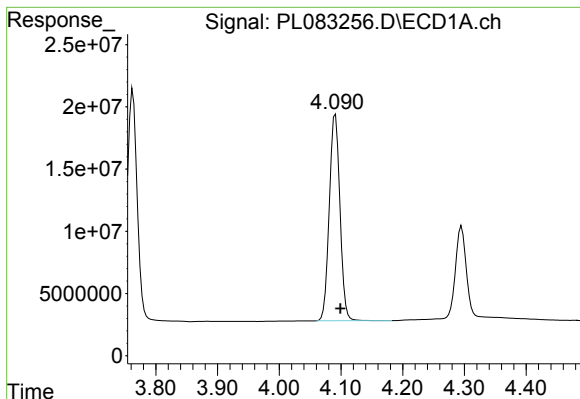
#2 alpha-BHC

R.T.: 3.763 min
Delta R.T.: -0.009 min
Response: 213668335
Conc: 48.13 ng/ml



#2 alpha-BHC

R.T.: 3.129 min
Delta R.T.: -0.006 min
Response: 179167339
Conc: 48.02 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.091 min
Delta R.T.: -0.008 min
Response: 199033763
Conc: 48.04 ng/ml

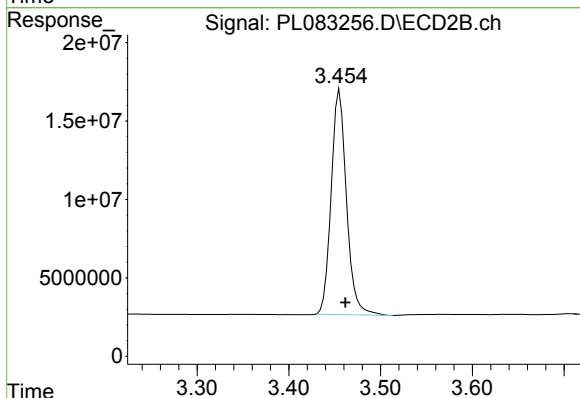
Instrument :

ECD_L

ClientSampleId :
PB153235BS

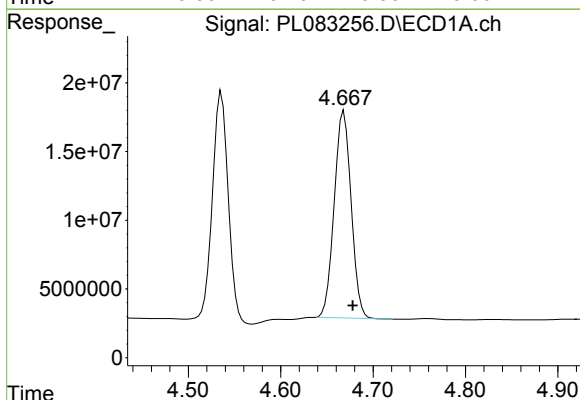
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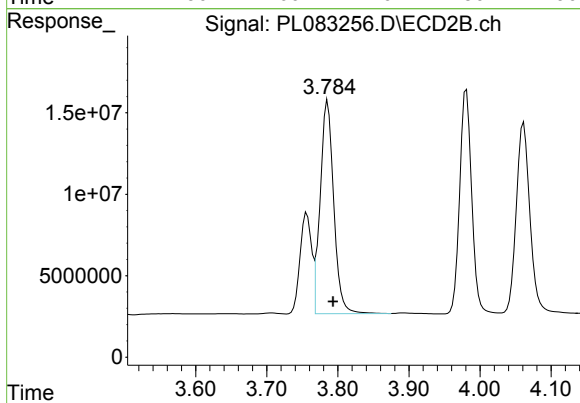
#3 gamma-BHC (Lindane)

R.T.: 3.455 min
Delta R.T.: -0.007 min
Response: 166607316
Conc: 49.98 ng/ml



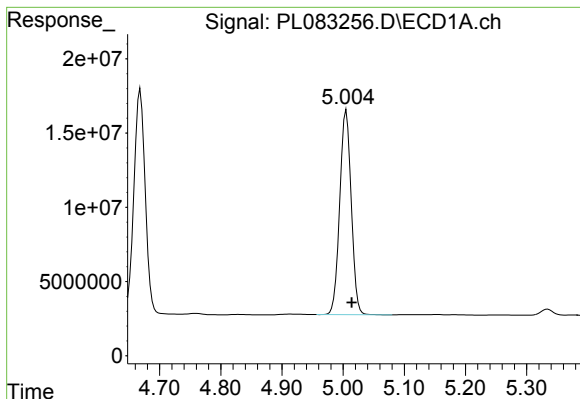
#4 Heptachlor

R.T.: 4.669 min
Delta R.T.: -0.009 min
Response: 191669141
Conc: 50.14 ng/ml



#4 Heptachlor

R.T.: 3.786 min
Delta R.T.: -0.007 min
Response: 173391314
Conc: 47.36 ng/ml



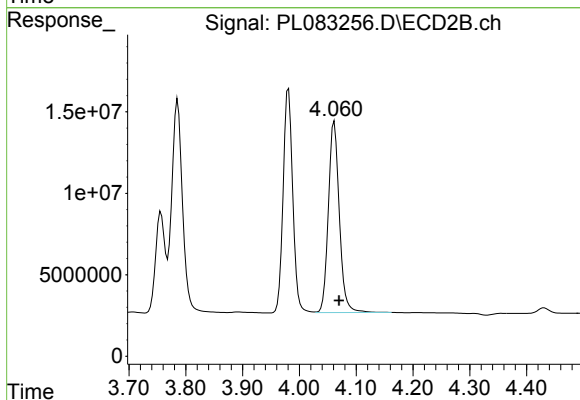
#5 Aldrin

R.T.: 5.005 min
Delta R.T.: -0.009 min
Response: 179755758
Conc: 51.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153235BS

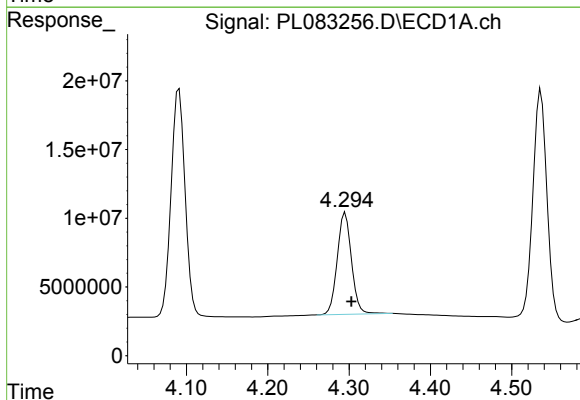
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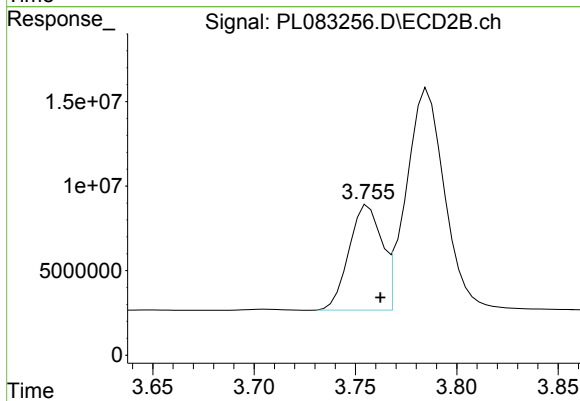
#5 Aldrin

R.T.: 4.061 min
Delta R.T.: -0.008 min
Response: 157265346
Conc: 48.34 ng/ml



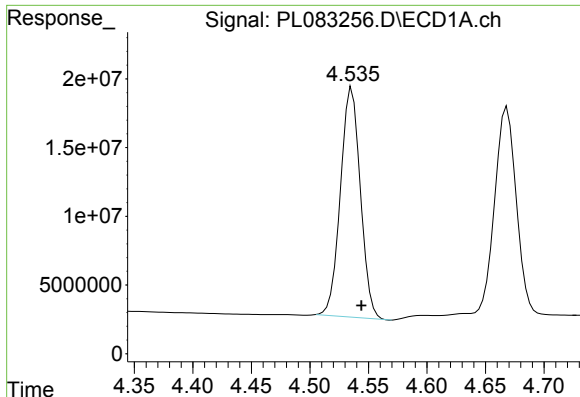
#6 beta-BHC

R.T.: 4.295 min
Delta R.T.: -0.008 min
Response: 90109758
Conc: 47.86 ng/ml



#6 beta-BHC

R.T.: 3.756 min
Delta R.T.: -0.006 min
Response: 69668792
Conc: 48.72 ng/ml



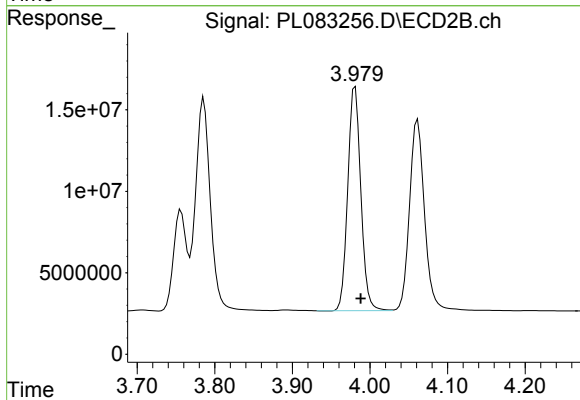
#7 delta-BHC

R.T.: 4.536 min
Delta R.T.: -0.008 min
Response: 198234596
Conc: 57.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153235BS

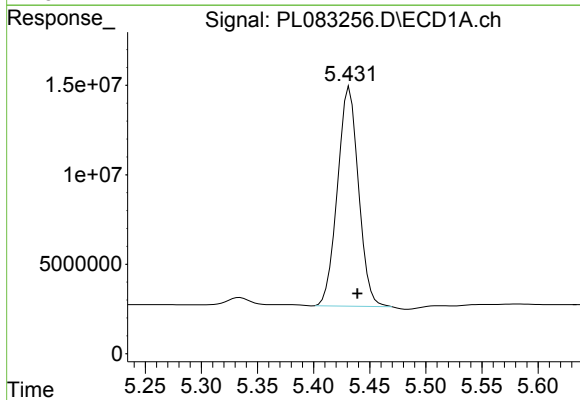
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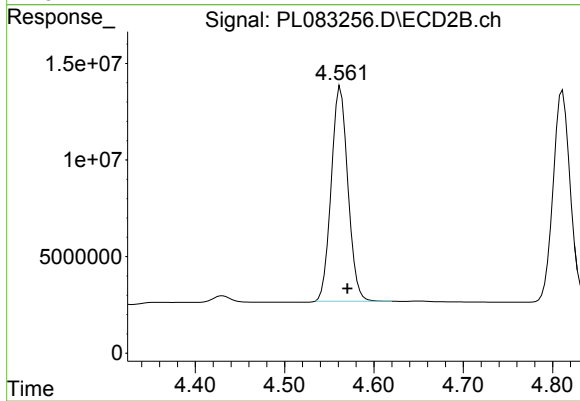
#7 delta-BHC

R.T.: 3.981 min
Delta R.T.: -0.007 min
Response: 160775607
Conc: 49.07 ng/ml



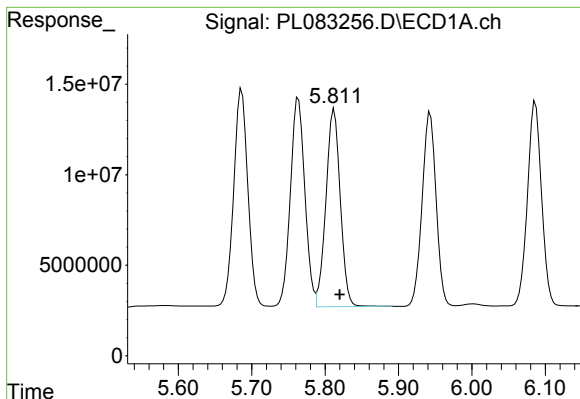
#8 Heptachlor epoxide

R.T.: 5.432 min
Delta R.T.: -0.007 min
Response: 159611412
Conc: 49.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.563 min
Delta R.T.: -0.008 min
Response: 144029860
Conc: 48.53 ng/ml



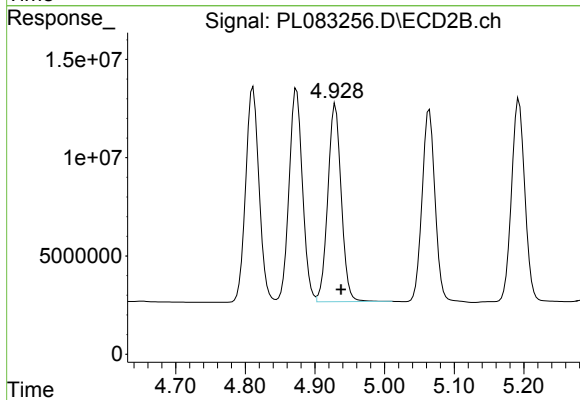
#9 Endosulfan I

R.T.: 5.812 min
Delta R.T.: -0.008 min
Response: 148724087
Conc: 49.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153235BS

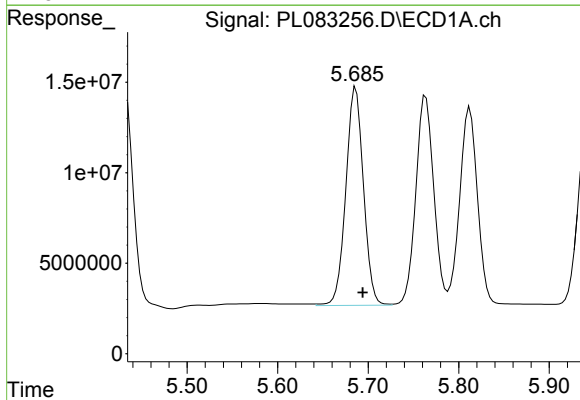
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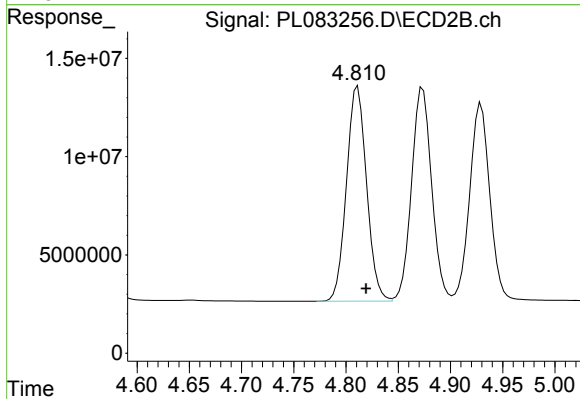
#9 Endosulfan I

R.T.: 4.929 min
Delta R.T.: -0.008 min
Response: 134989340
Conc: 48.31 ng/ml



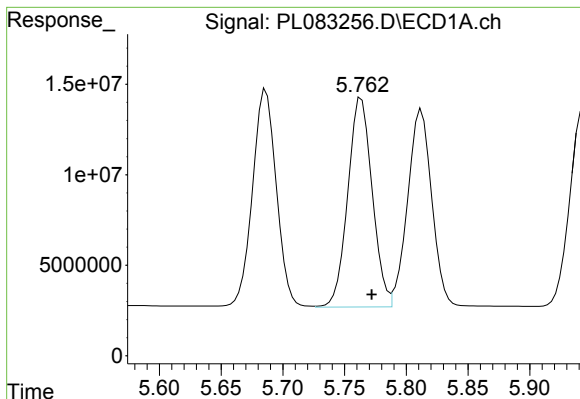
#10 gamma-Chlordane

R.T.: 5.686 min
Delta R.T.: -0.008 min
Response: 163436691
Conc: 51.44 ng/ml



#10 gamma-Chlordane

R.T.: 4.811 min
Delta R.T.: -0.008 min
Response: 146172653
Conc: 48.67 ng/ml



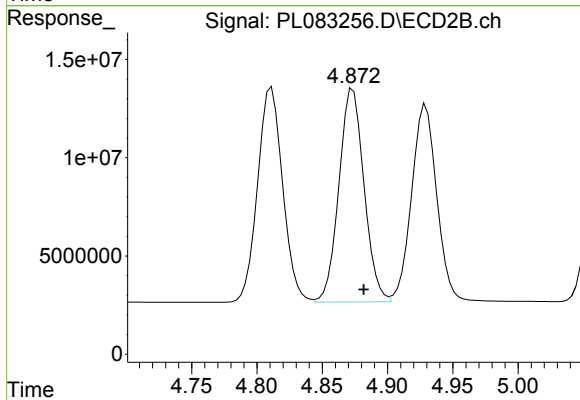
#11 alpha-Chlordane

R.T.: 5.764 min
Delta R.T.: -0.008 min
Response: 159304104
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153235BS

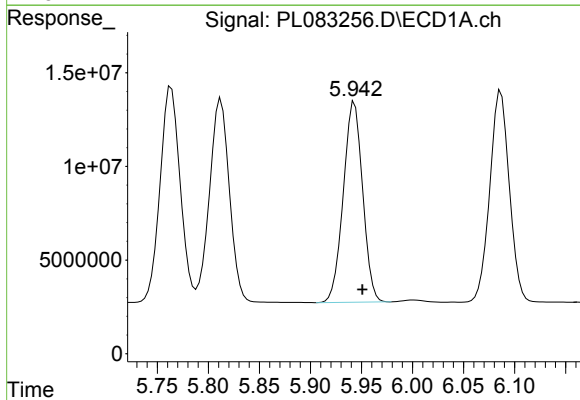
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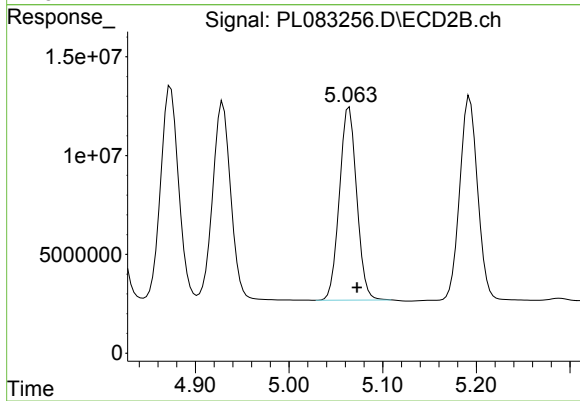
#11 alpha-Chlordane

R.T.: 4.873 min
Delta R.T.: -0.008 min
Response: 145344894
Conc: 48.42 ng/ml



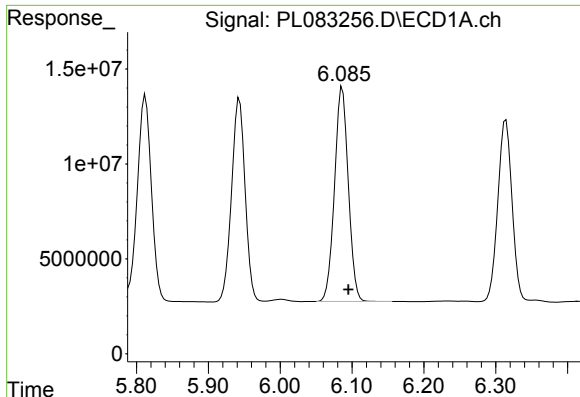
#12 4,4'-DDE

R.T.: 5.943 min
Delta R.T.: -0.008 min
Response: 141113974
Conc: 51.19 ng/ml



#12 4,4'-DDE

R.T.: 5.063 min
Delta R.T.: -0.010 min
Response: 125633001
Conc: 51.73 ng/ml m



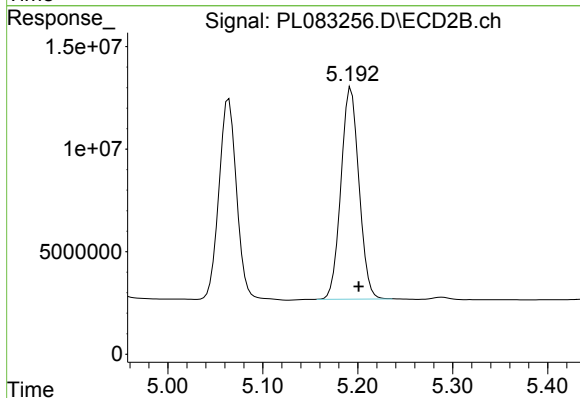
#13 Dieldrin

R.T.: 6.087 min
Delta R.T.: -0.008 min
Response: 150450771
Conc: 50.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153235BS

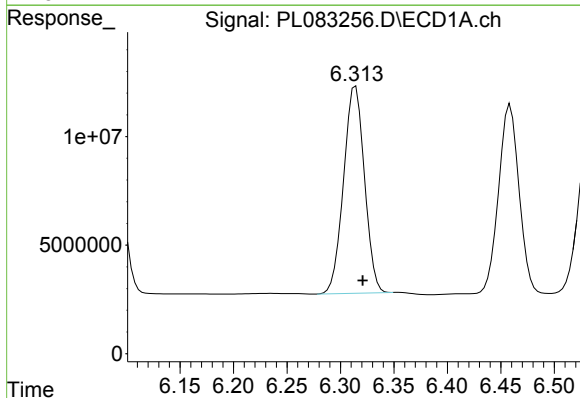
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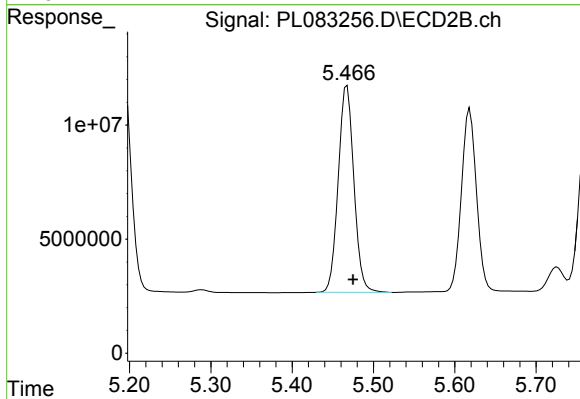
#13 Dieldrin

R.T.: 5.191 min
Delta R.T.: -0.010 min
Response: 136277291
Conc: 48.28 ng/ml m



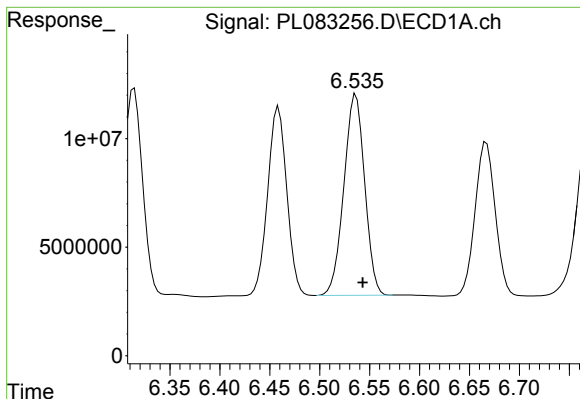
#14 Endrin

R.T.: 6.314 min
Delta R.T.: -0.007 min
Response: 129901762
Conc: 48.34 ng/ml



#14 Endrin

R.T.: 5.466 min
Delta R.T.: -0.009 min
Response: 121069773
Conc: 47.72 ng/ml m



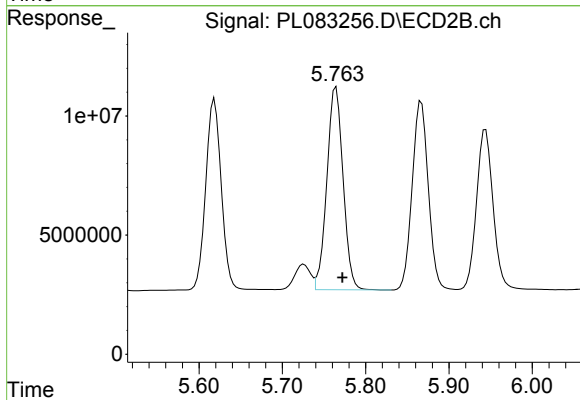
#15 Endosulfan II

R.T.: 6.536 min
Delta R.T.: -0.007 min
Response: 133978978
Conc: 50.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153235BS

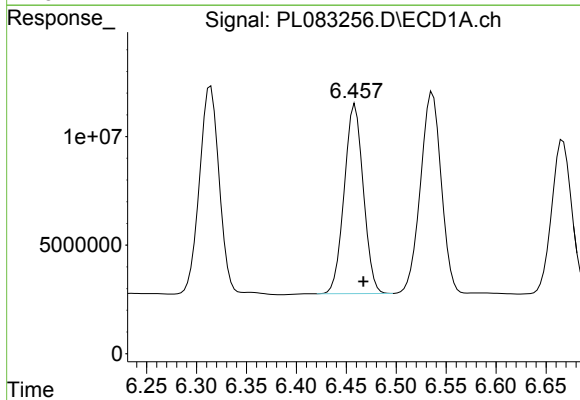
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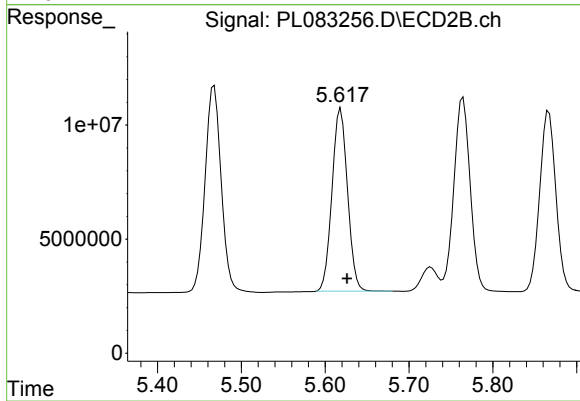
#15 Endosulfan II

R.T.: 5.764 min
Delta R.T.: -0.008 min
Response: 115322464
Conc: 46.61 ng/ml



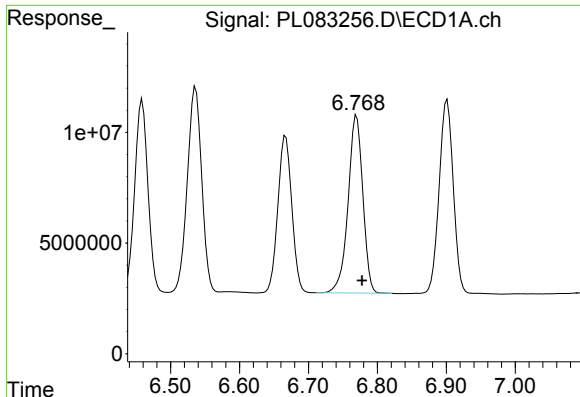
#16 4,4'-DDD

R.T.: 6.459 min
Delta R.T.: -0.008 min
Response: 116026183
Conc: 53.39 ng/ml



#16 4,4'-DDD

R.T.: 5.618 min
Delta R.T.: -0.008 min
Response: 102818642
Conc: 53.46 ng/ml



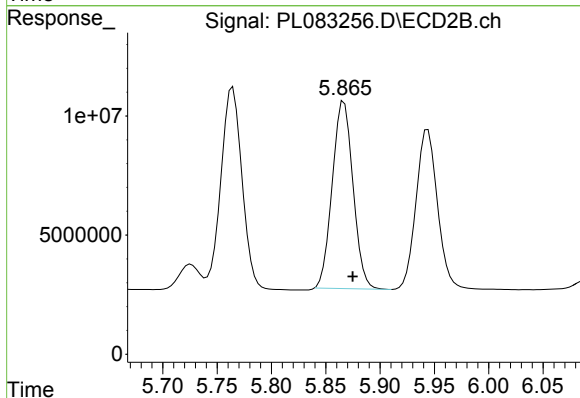
#17 4,4'-DDT

R.T.: 6.770 min
Delta R.T.: -0.008 min
Response: 119254199
Conc: 47.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153235BS

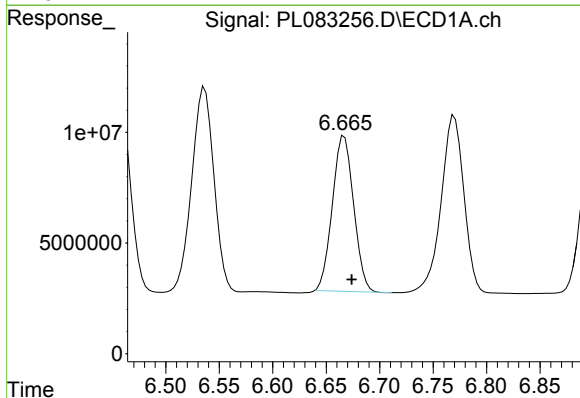
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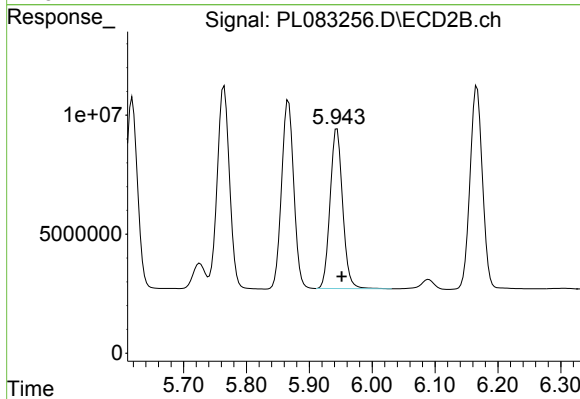
#17 4,4'-DDT

R.T.: 5.867 min
Delta R.T.: -0.008 min
Response: 104641690
Conc: 46.90 ng/ml



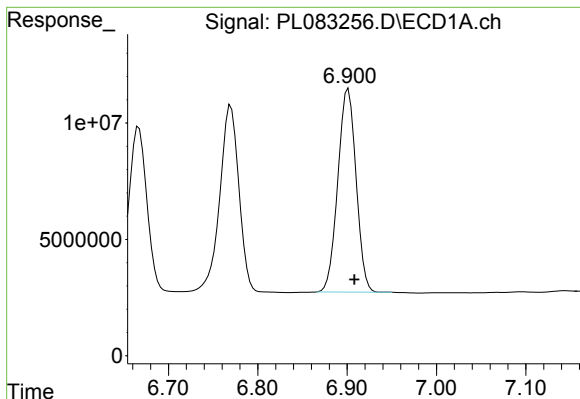
#18 Endrin aldehyde

R.T.: 6.667 min
Delta R.T.: -0.007 min
Response: 97314795
Conc: 48.40 ng/ml



#18 Endrin aldehyde

R.T.: 5.944 min
Delta R.T.: -0.008 min
Response: 93015486
Conc: 47.04 ng/ml



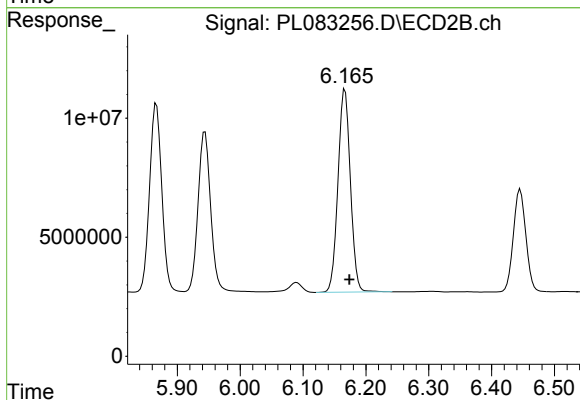
#19 Endosulfan Sulfate

R.T.: 6.901 min
Delta R.T.: -0.007 min
Response: 124019296
Conc: 48.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153235BS

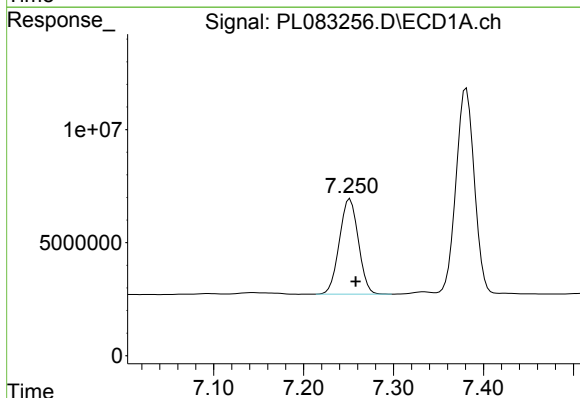
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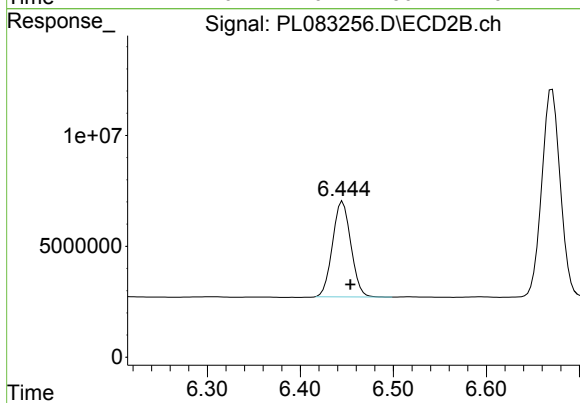
#19 Endosulfan Sulfate

R.T.: 6.167 min
Delta R.T.: -0.007 min
Response: 117293818
Conc: 47.89 ng/ml



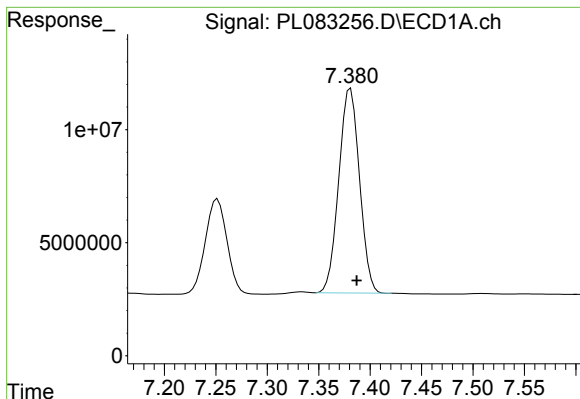
#20 Methoxychlor

R.T.: 7.252 min
Delta R.T.: -0.006 min
Response: 61730762
Conc: 46.68 ng/ml



#20 Methoxychlor

R.T.: 6.445 min
Delta R.T.: -0.008 min
Response: 59164657
Conc: 46.52 ng/ml



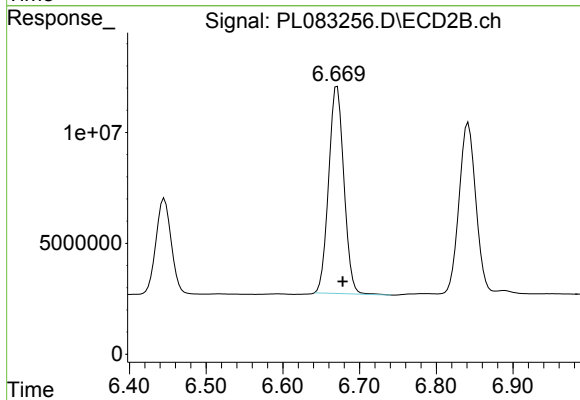
#21 Endrin ketone

R.T.: 7.381 min
Delta R.T.: -0.006 min
Response: 126843424
Conc: 49.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153235BS

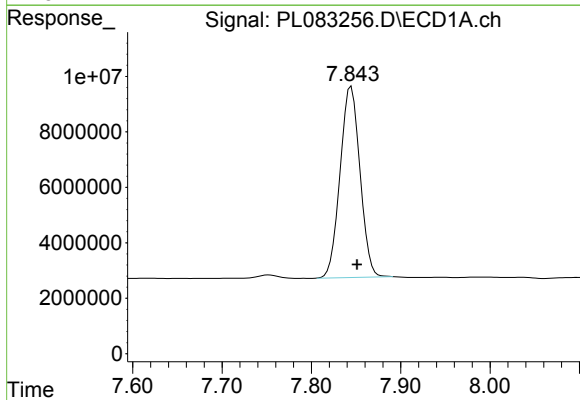
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/07/2023
Supervised By :Ankita Jodhani 06/07/2023



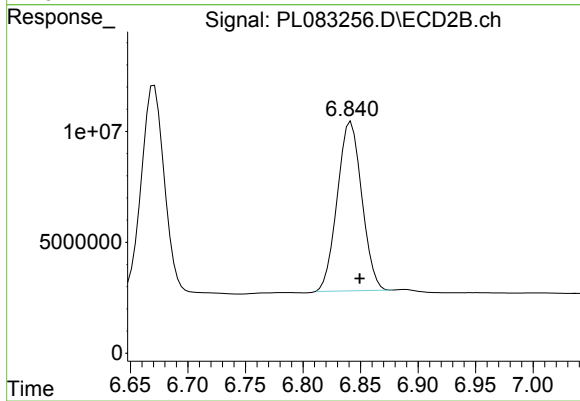
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: -0.007 min
Response: 128693271
Conc: 47.60 ng/ml



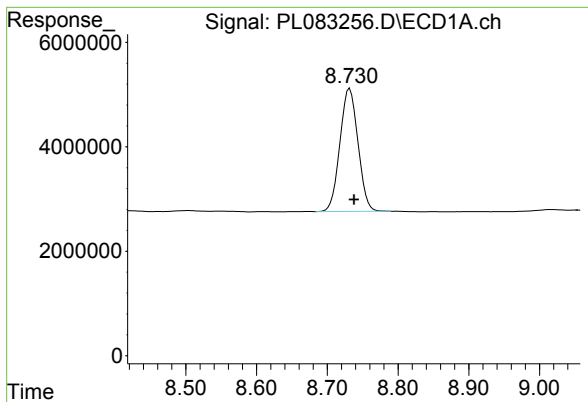
#22 Mirex

R.T.: 7.845 min
Delta R.T.: -0.006 min
Response: 106520730
Conc: 50.82 ng/ml



#22 Mirex

R.T.: 6.842 min
Delta R.T.: -0.008 min
Response: 113305869
Conc: 48.42 ng/ml



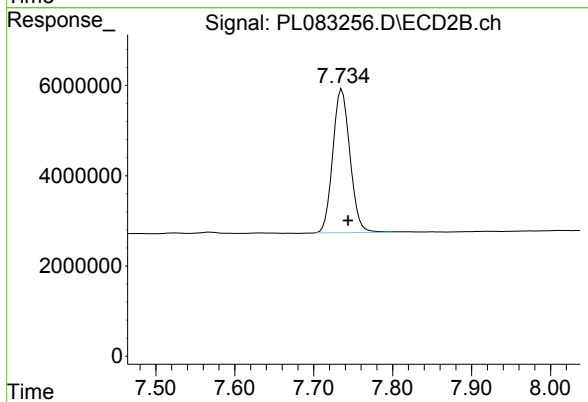
#28 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: -0.006 min
Response: 41788930
Conc: 19.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153235BS

Manual Integrations
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Supervised By :Ankita Jodhani 06/07/2023



#28 Decachlorobiphenyl

R.T.: 7.736 min
Delta R.T.: -0.008 min
Response: 48074423
Conc: 19.33 ng/ml