

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053123\
 Data File : PL083127.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2023 16:57
 Operator : AR\AJ
 Sample : PB153134BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB153134BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/01/2023
 Supervised By : Ankita Jodhani 06/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 05:10:35 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...	3.315	2.635	68268510	55741889	23.228	21.471
28)	SA Decachlor...	8.730	7.738	47106558	51383254	22.460	20.665
Target Compounds							
2)	A alpha-BHC	3.764	3.131	230.9E6	192.8E6	52.006	51.661
3)	MA gamma-BHC...	4.092	3.458	223.3E6	186.2E6	53.911	55.850
4)	MA Heptachlor	4.670	3.788	197.7E6	181.8E6	51.730	49.655
5)	MB Aldrin	5.006	4.064	199.6E6	175.8E6	56.738	54.047
6)	B beta-BHC	4.296	3.759	96381168	74633143	51.192	52.188
7)	B delta-BHC	4.537	3.983	218.9E6	179.3E6	63.640	54.728
8)	B Heptachlo...	5.432	4.565	179.3E6	161.3E6	56.056	54.361
9)	A Endosulfan I	5.813	4.932	165.6E6	142.5E6	55.177	51.004
10)	B gamma-Chl...	5.687	4.814	180.4E6	159.5E6	56.771	53.116
11)	B alpha-Chl...	5.765	4.876	177.7E6	161.3E6	55.382	53.718
12)	B 4,4'-DDE	5.943	5.065	153.5E6	140.0E6	55.691	57.661m
13)	MA Dieldrin	6.087	5.194	170.3E6	156.9E6	56.616	55.576m
14)	MA Endrin	6.314	5.469	145.1E6	137.5E6	53.990	54.198
15)	B Endosulfa...	6.537	5.766	141.4E6	135.4E6	53.777	54.737
16)	A 4,4'-DDD	6.459	5.621	128.6E6	114.1E6	59.181	59.316
17)	MA 4,4'-DDT	6.770	5.869	129.8E6	116.4E6	51.841	52.157
18)	B Endrin al...	6.665	5.946	118.8E6	108.7E6	59.076m	54.983
19)	B Endosulfa...	6.901	6.168	141.0E6	129.7E6	55.003	52.969
20)	A Methoxychlor	7.250	6.447	71564058	67627614	54.118	53.177
21)	B Endrin ke...	7.381	6.672	149.2E6	149.6E6	58.479	55.321
22)	Mirex	7.844	6.843	112.0E6	120.6E6	53.444	51.529

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053123\
Data File : PL083127.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 May 2023 16:57
Operator : AR\AJ
Sample : PB153134BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

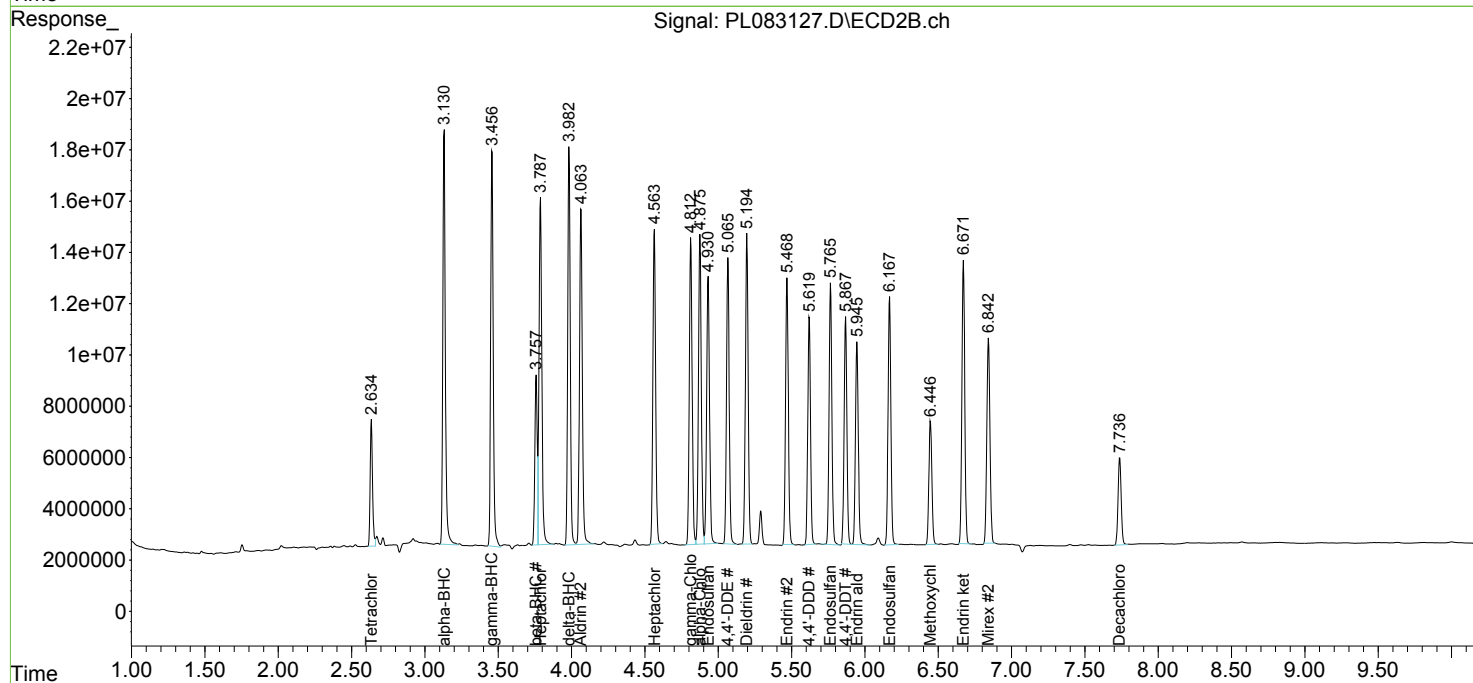
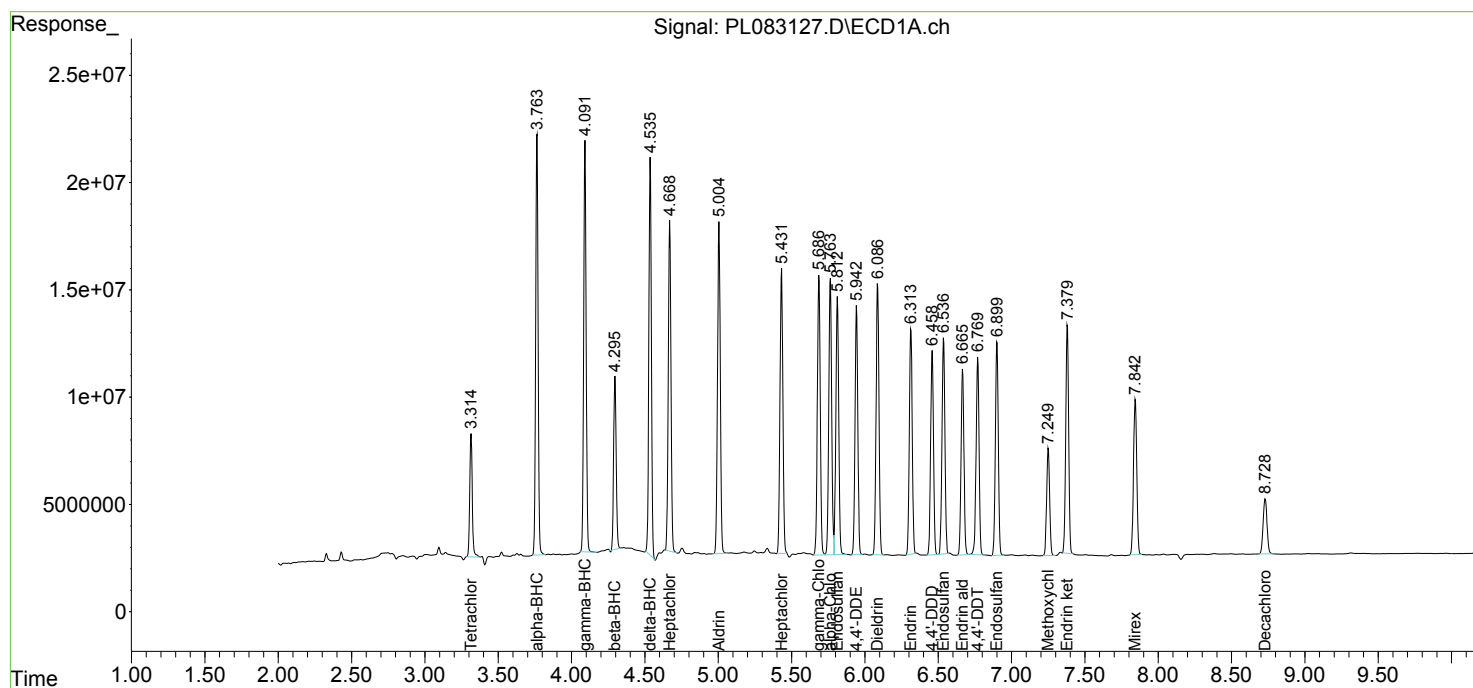
Instrument :
ECD_L
ClientSampleId :
PB153134BS

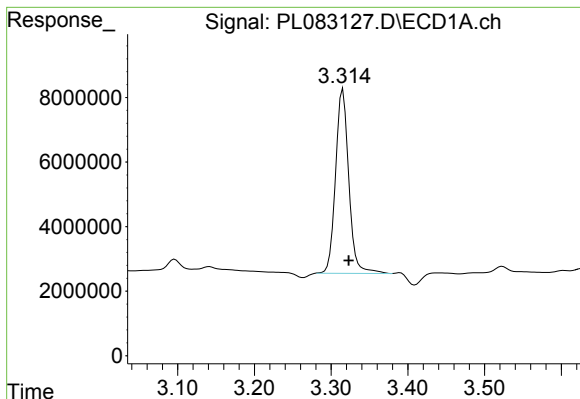
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/01/2023
Supervised By :Ankita Jodhani 06/01/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 01 05:10:35 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





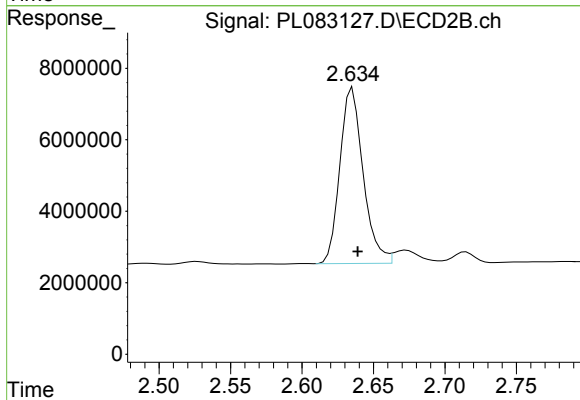
#1 Tetrachloro-m-xylene

R.T.: 3.315 min
Delta R.T.: -0.008 min
Response: 68268510
Conc: 23.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153134BS

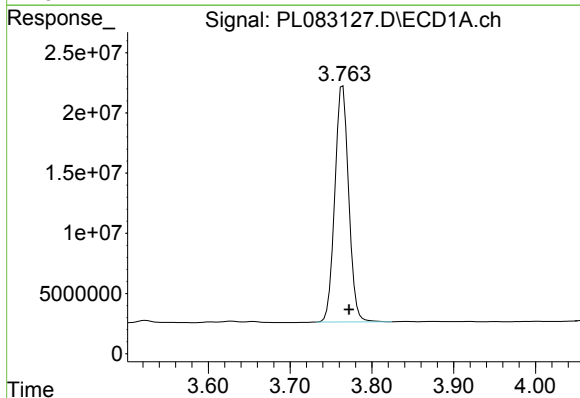
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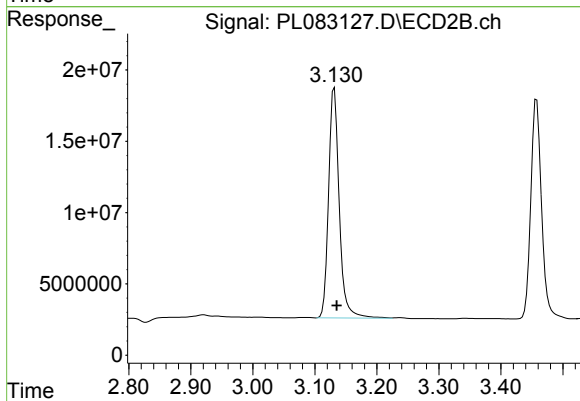
#1 Tetrachloro-m-xylene

R.T.: 2.635 min
Delta R.T.: -0.004 min
Response: 55741889
Conc: 21.47 ng/ml



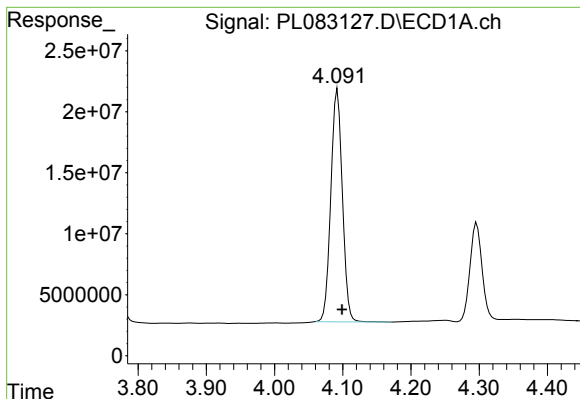
#2 alpha-BHC

R.T.: 3.764 min
Delta R.T.: -0.008 min
Response: 230868703
Conc: 52.01 ng/ml



#2 alpha-BHC

R.T.: 3.131 min
Delta R.T.: -0.004 min
Response: 192771122
Conc: 51.66 ng/ml



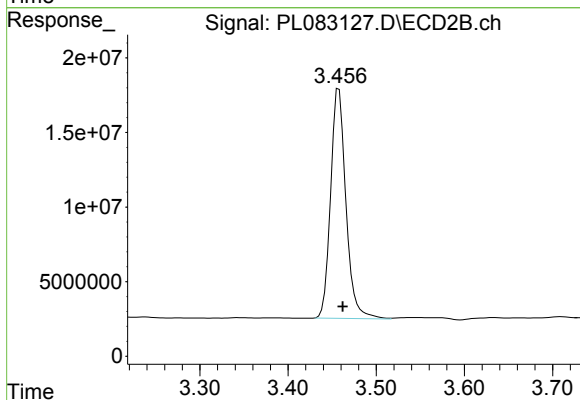
#3 gamma-BHC (Lindane)

R.T.: 4.092 min
Delta R.T.: -0.007 min
Response: 223348216
Conc: 53.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153134BS

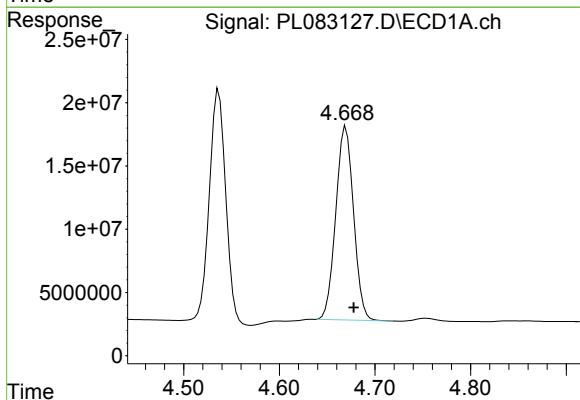
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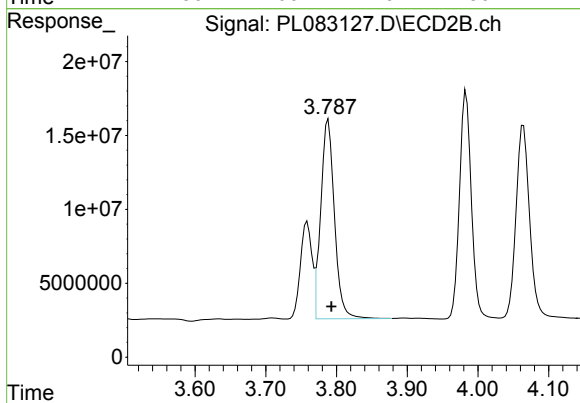
#3 gamma-BHC (Lindane)

R.T.: 3.458 min
Delta R.T.: -0.004 min
Response: 186163646
Conc: 55.85 ng/ml



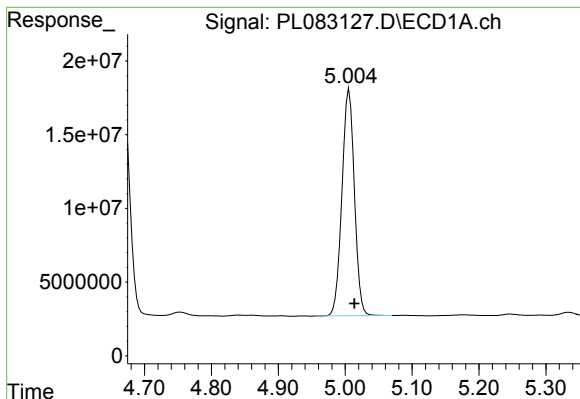
#4 Heptachlor

R.T.: 4.670 min
Delta R.T.: -0.008 min
Response: 197737977
Conc: 51.73 ng/ml



#4 Heptachlor

R.T.: 3.788 min
Delta R.T.: -0.005 min
Response: 181789527
Conc: 49.65 ng/ml



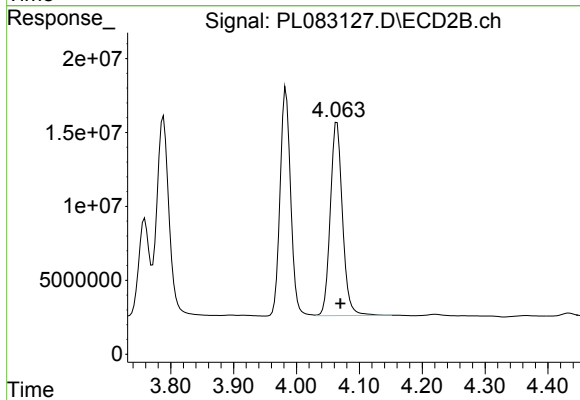
#5 Aldrin

R.T.: 5.006 min
Delta R.T.: -0.008 min
Response: 199612094
Conc: 56.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153134BS

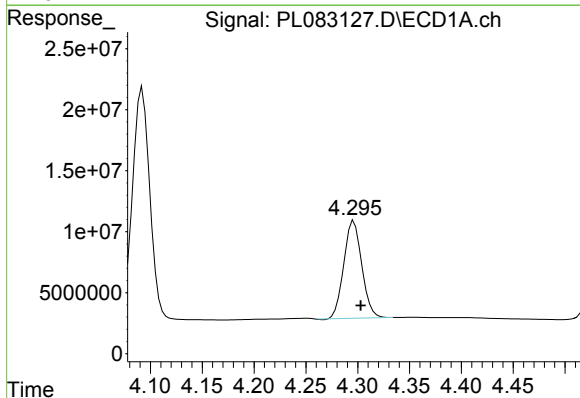
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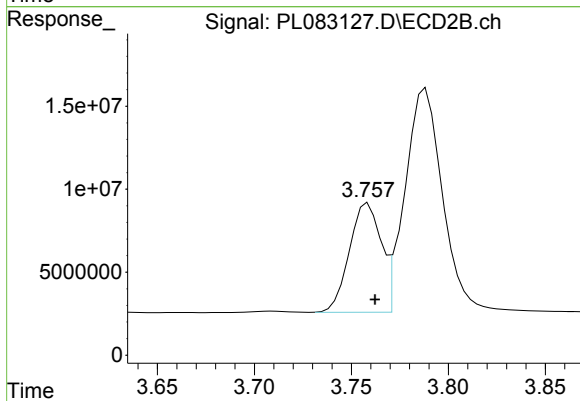
#5 Aldrin

R.T.: 4.064 min
Delta R.T.: -0.005 min
Response: 175849000
Conc: 54.05 ng/ml



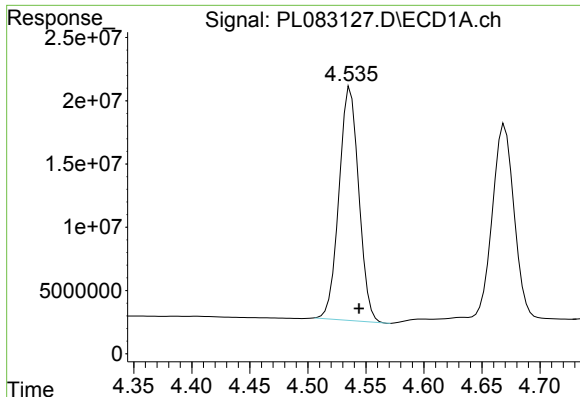
#6 beta-BHC

R.T.: 4.296 min
Delta R.T.: -0.007 min
Response: 96381168
Conc: 51.19 ng/ml



#6 beta-BHC

R.T.: 3.759 min
Delta R.T.: -0.004 min
Response: 74633143
Conc: 52.19 ng/ml



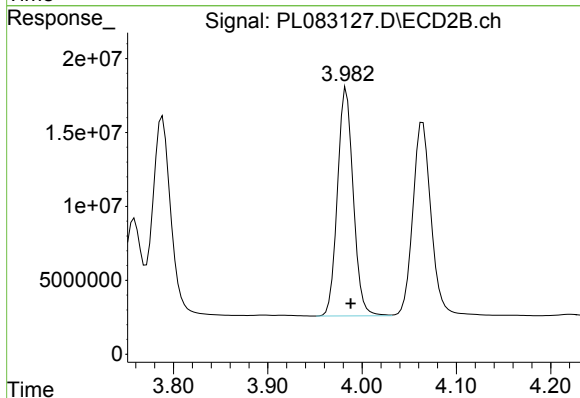
#7 delta-BHC

R.T.: 4.537 min
Delta R.T.: -0.007 min
Response: 218850759
Conc: 63.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153134BS

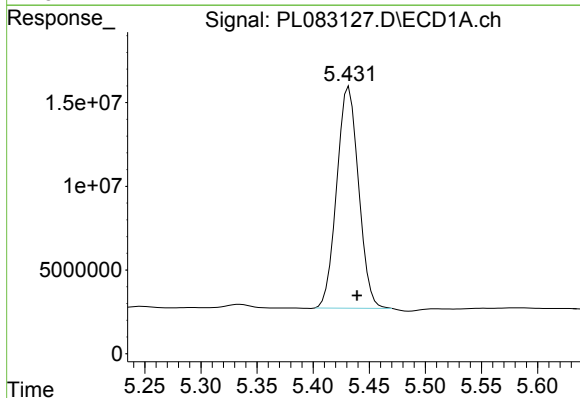
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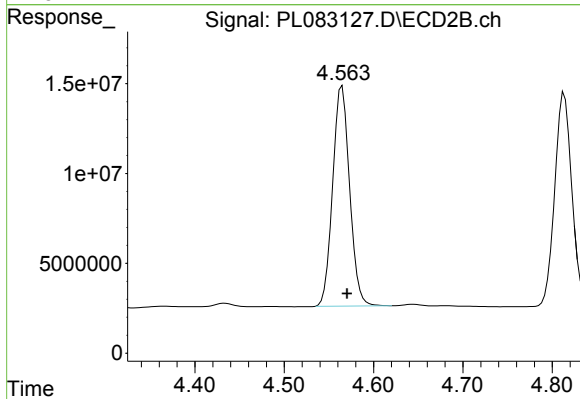
#7 delta-BHC

R.T.: 3.983 min
Delta R.T.: -0.005 min
Response: 179314108
Conc: 54.73 ng/ml



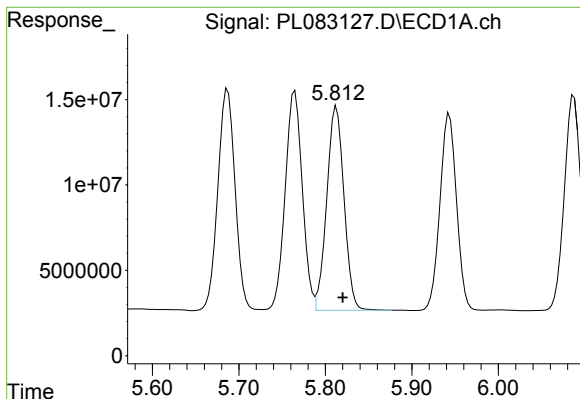
#8 Heptachlor epoxide

R.T.: 5.432 min
Delta R.T.: -0.007 min
Response: 179307552
Conc: 56.06 ng/ml



#8 Heptachlor epoxide

R.T.: 4.565 min
Delta R.T.: -0.006 min
Response: 161336369
Conc: 54.36 ng/ml



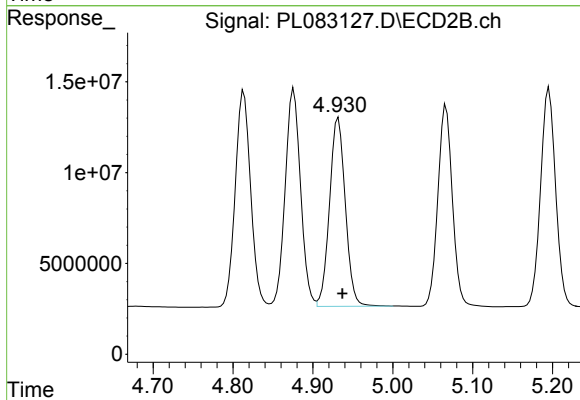
#9 Endosulfan I

R.T.: 5.813 min
Delta R.T.: -0.007 min
Response: 165563463
Conc: 55.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153134BS

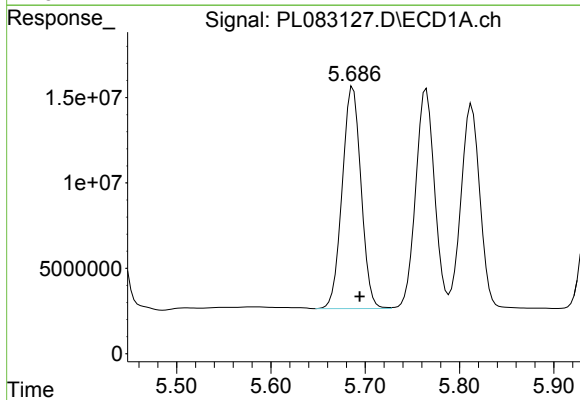
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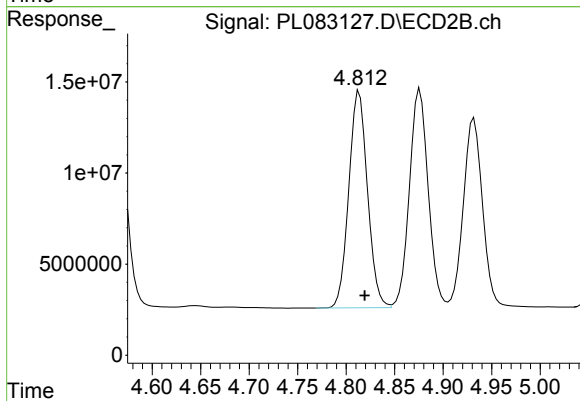
#9 Endosulfan I

R.T.: 4.932 min
Delta R.T.: -0.005 min
Response: 142524712
Conc: 51.00 ng/ml



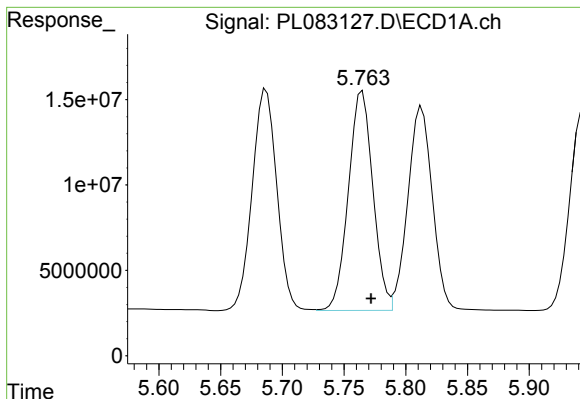
#10 gamma-Chlordane

R.T.: 5.687 min
Delta R.T.: -0.007 min
Response: 180359837
Conc: 56.77 ng/ml



#10 gamma-Chlordane

R.T.: 4.814 min
Delta R.T.: -0.006 min
Response: 159526911
Conc: 53.12 ng/ml



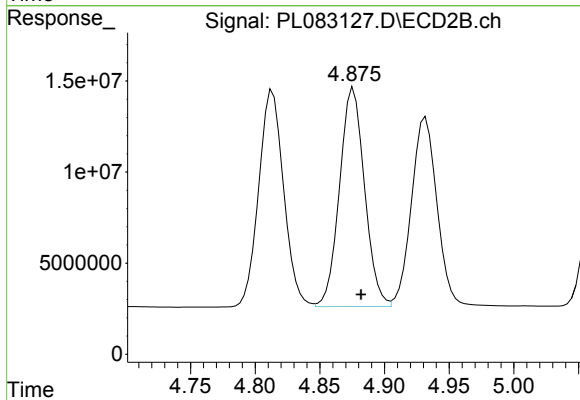
#11 alpha-Chlordane

R.T.: 5.765 min
Delta R.T.: -0.007 min
Response: 177738373
Conc: 55.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153134BS

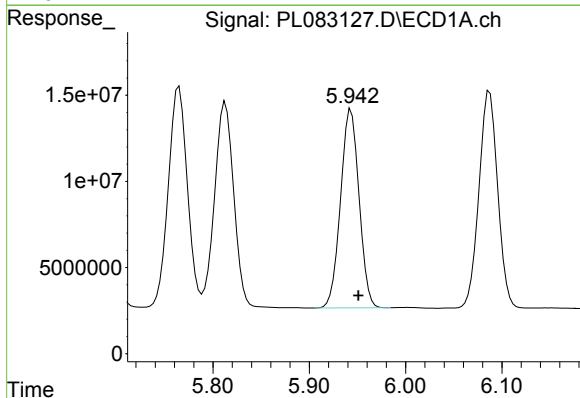
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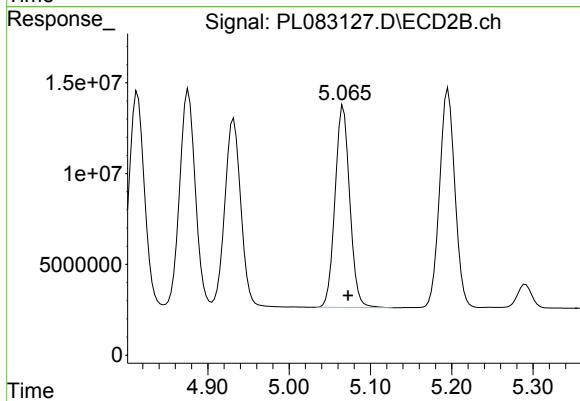
#11 alpha-Chlordane

R.T.: 4.876 min
Delta R.T.: -0.006 min
Response: 161259800
Conc: 53.72 ng/ml



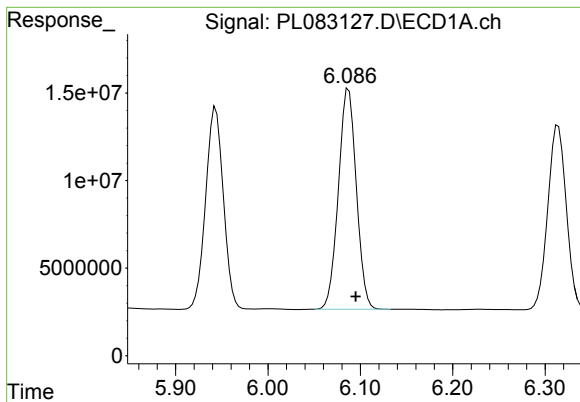
#12 4,4'-DDE

R.T.: 5.943 min
Delta R.T.: -0.008 min
Response: 153511385
Conc: 55.69 ng/ml



#12 4,4'-DDE

R.T.: 5.065 min
Delta R.T.: -0.007 min
Response: 140044609
Conc: 57.66 ng/ml m



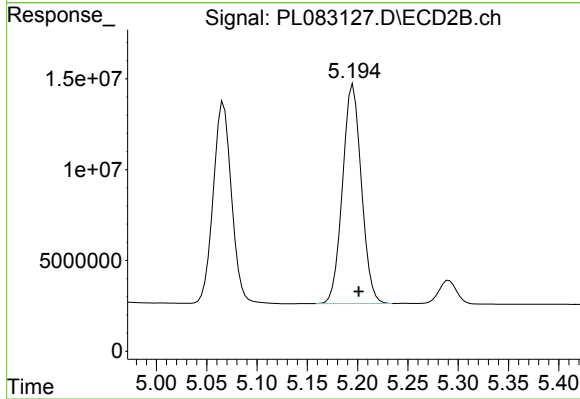
#13 Dieldrin

R.T.: 6.087 min
Delta R.T.: -0.008 min
Response: 170291093
Conc: 56.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153134BS

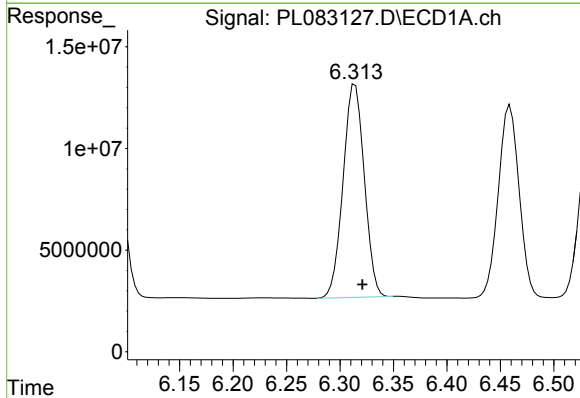
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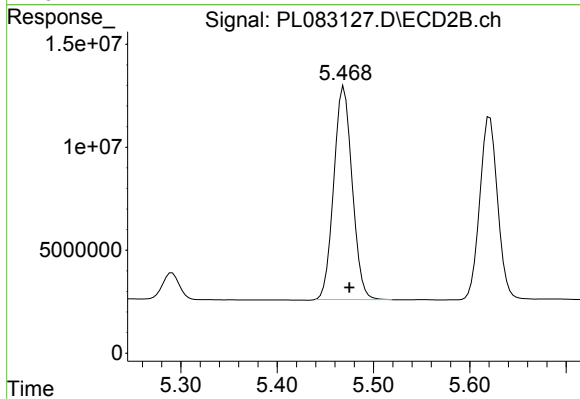
#13 Dieldrin

R.T.: 5.194 min
Delta R.T.: -0.007 min
Response: 156886040
Conc: 55.58 ng/ml m



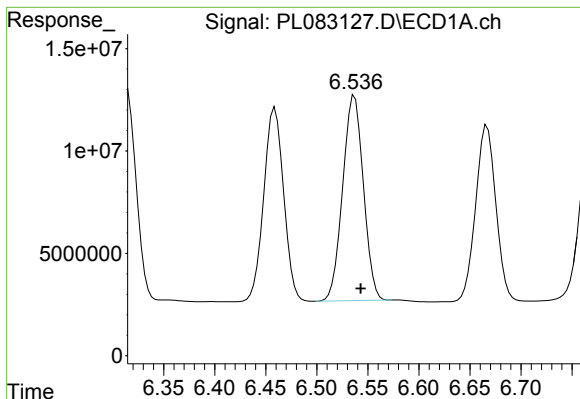
#14 Endrin

R.T.: 6.314 min
Delta R.T.: -0.007 min
Response: 145085122
Conc: 53.99 ng/ml



#14 Endrin

R.T.: 5.469 min
Delta R.T.: -0.006 min
Response: 137499019
Conc: 54.20 ng/ml



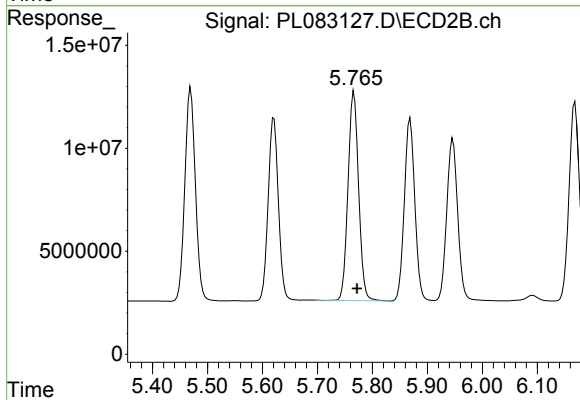
#15 Endosulfan II

R.T.: 6.537 min
Delta R.T.: -0.006 min
Response: 141355454
Conc: 53.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153134BS

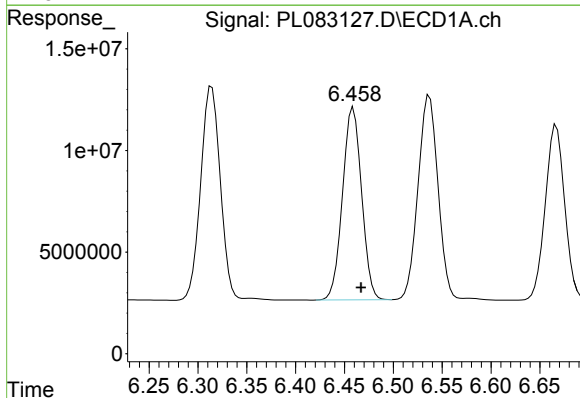
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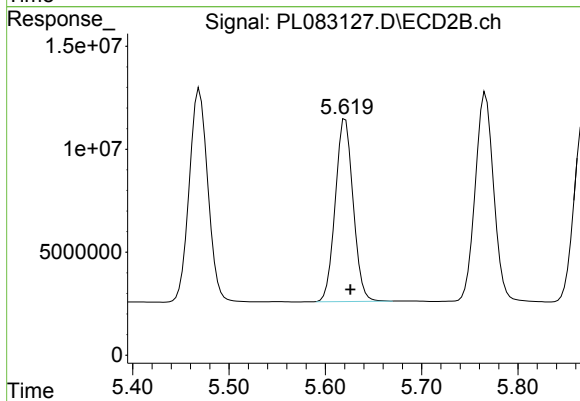
#15 Endosulfan II

R.T.: 5.766 min
Delta R.T.: -0.006 min
Response: 135430350
Conc: 54.74 ng/ml



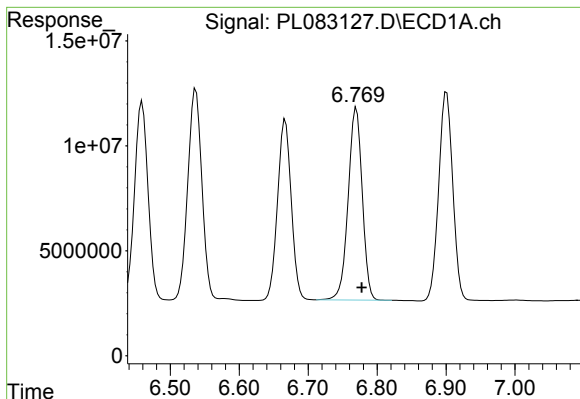
#16 4,4'-DDD

R.T.: 6.459 min
Delta R.T.: -0.008 min
Response: 128603596
Conc: 59.18 ng/ml



#16 4,4'-DDD

R.T.: 5.621 min
Delta R.T.: -0.005 min
Response: 114078973
Conc: 59.32 ng/ml



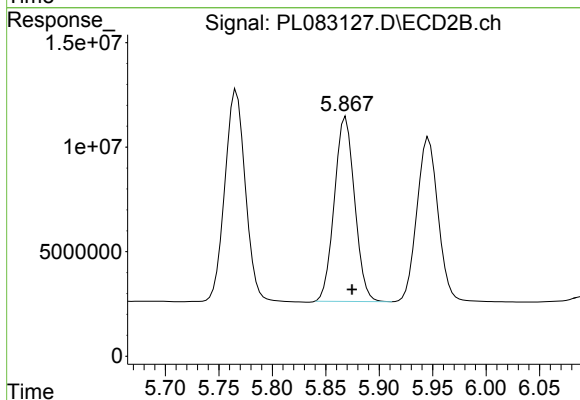
#17 4,4'-DDT

R.T.: 6.770 min
Delta R.T.: -0.008 min
Response: 129768178
Conc: 51.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153134BS

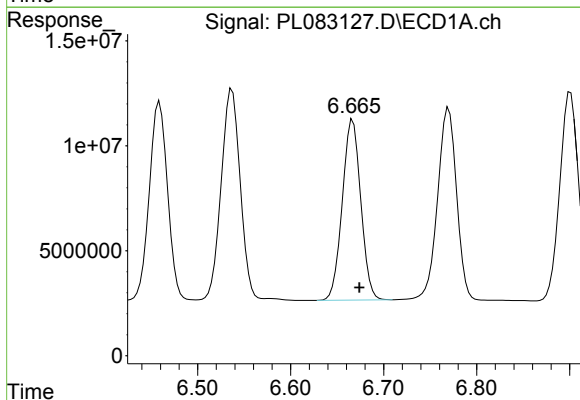
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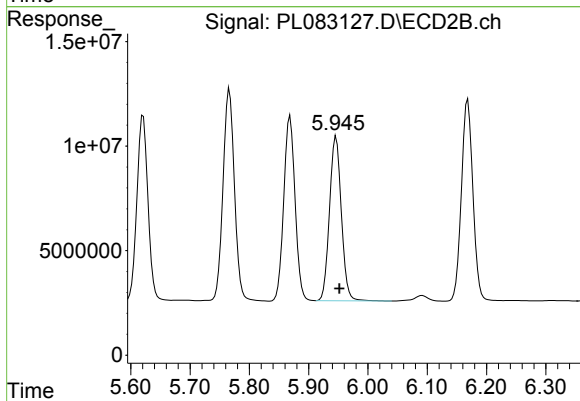
#17 4,4'-DDT

R.T.: 5.869 min
Delta R.T.: -0.006 min
Response: 116362553
Conc: 52.16 ng/ml



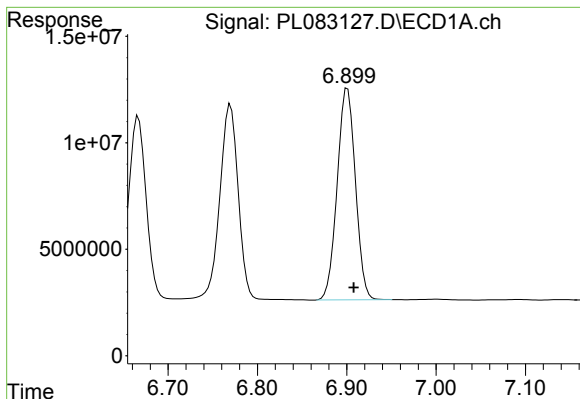
#18 Endrin aldehyde

R.T.: 6.665 min
Delta R.T.: -0.009 min
Response: 118781021
Conc: 59.08 ng/ml m



#18 Endrin aldehyde

R.T.: 5.946 min
Delta R.T.: -0.005 min
Response: 108728127
Conc: 54.98 ng/ml



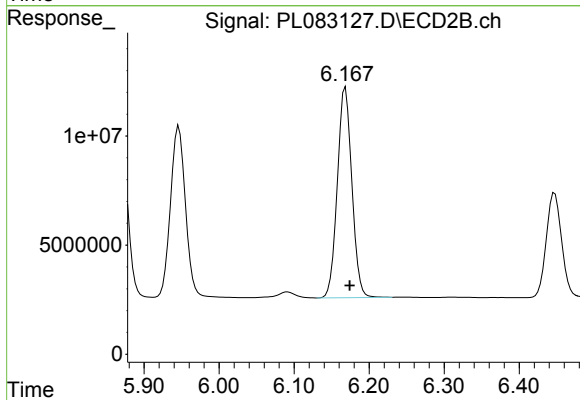
#19 Endosulfan Sulfate

R.T.: 6.901 min
Delta R.T.: -0.007 min
Response: 141011585
Conc: 55.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153134BS

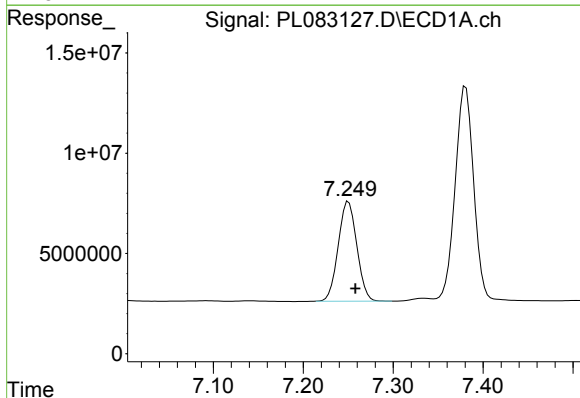
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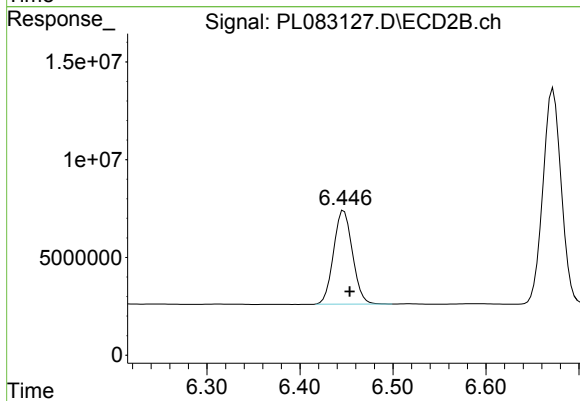
#19 Endosulfan Sulfate

R.T.: 6.168 min
Delta R.T.: -0.006 min
Response: 129720588
Conc: 52.97 ng/ml



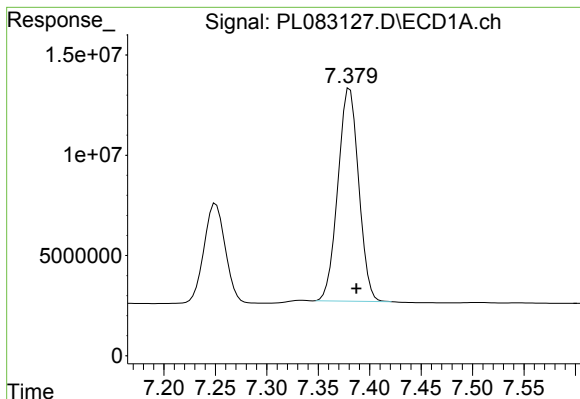
#20 Methoxychlor

R.T.: 7.250 min
Delta R.T.: -0.008 min
Response: 71564058
Conc: 54.12 ng/ml



#20 Methoxychlor

R.T.: 6.447 min
Delta R.T.: -0.006 min
Response: 67627614
Conc: 53.18 ng/ml



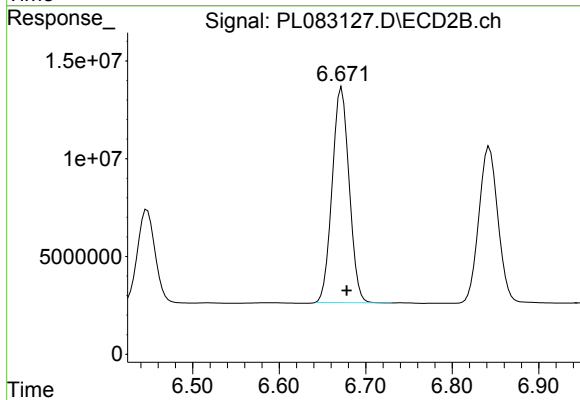
#21 Endrin ketone

R.T.: 7.381 min
Delta R.T.: -0.006 min
Response: 149167676
Conc: 58.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153134BS

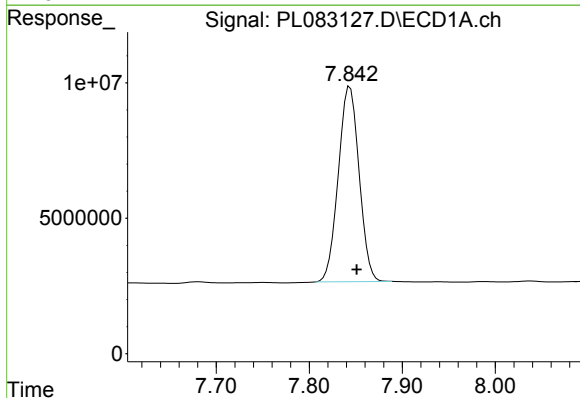
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/01/2023
Supervised By :Ankita Jodhani 06/01/2023



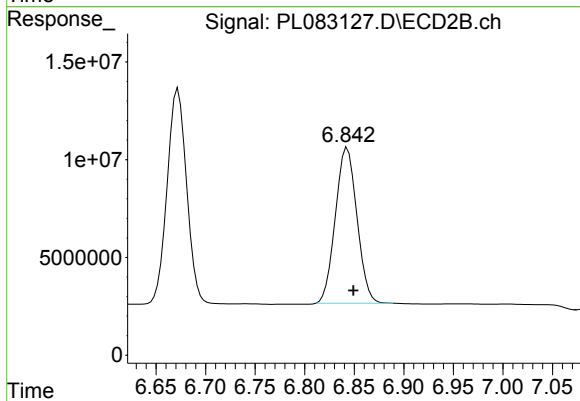
#21 Endrin ketone

R.T.: 6.672 min
Delta R.T.: -0.006 min
Response: 149579707
Conc: 55.32 ng/ml



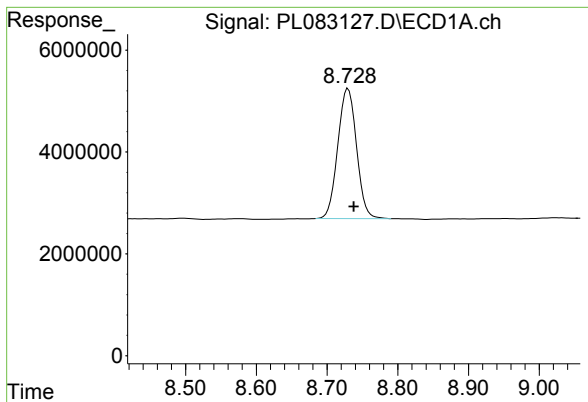
#22 Mirex

R.T.: 7.844 min
Delta R.T.: -0.007 min
Response: 112019846
Conc: 53.44 ng/ml



#22 Mirex

R.T.: 6.843 min
Delta R.T.: -0.006 min
Response: 120568224
Conc: 51.53 ng/ml



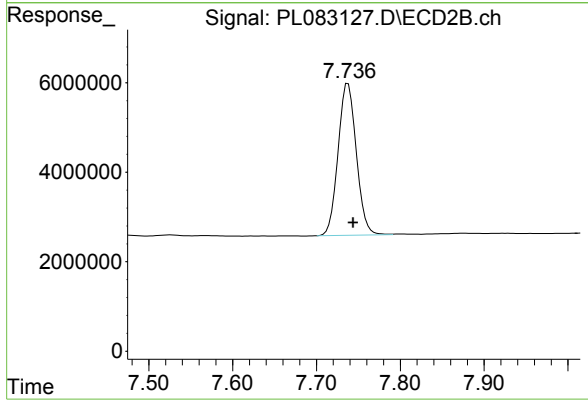
#28 Decachlorobiphenyl

R.T.: 8.730 min
Delta R.T.: -0.008 min
Response: 47106558
Conc: 22.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153134BS

Manual Integrations
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Supervised By :Ankita Jodhani 06/01/2023



#28 Decachlorobiphenyl

R.T.: 7.738 min
Delta R.T.: -0.006 min
Response: 51383254
Conc: 20.66 ng/ml