

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042823\
 Data File : PL082371.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2023 08:39
 Operator : AR\AJ
 Sample : PB152443BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB152443BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/01/2023
 Supervised By :Ankita Jodhani 05/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 28 22:03:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.322	2.646	46632025	36703047	17.457	15.843
28)	SA Decachlor...	8.740	7.756	36715765	41239298	19.232	18.068
Target Compounds							
2)	A alpha-BHC	3.771	3.144	37048994	28708090	9.308	8.435
3)	MA gamma-BHC...	4.100	3.470	37207295	31460518	9.951	9.785
4)	MA Heptachlor	4.677	3.803	37291969	30835021	10.206m	9.008
5)	MB Aldrin	5.014	4.078	35473423	30075336	10.757	9.548m
6)	B beta-BHC	4.303	3.771	18136664	13778731	10.634	10.099
7)	B delta-BHC	4.544	3.996	29902935	21177940	8.312	6.904
8)	B Heptachlo...	5.440	4.580	37416119	29064413	12.266	10.089
9)	A Endosulfan I	5.821	4.947	31320013	25992950	11.296	9.737
10)	B gamma-Chl...	5.694	4.829	33208234	28845346	11.044m	9.940
11)	B alpha-Chl...	5.771	4.891	32194622	29417820	10.787m	10.134
12)	B 4,4'-DDE	5.951	5.081	27099030	21829526	10.660	9.495m
13)	MA Dieldrin	6.096	5.211	30675232	27054081	11.118	10.019
14)	MA Endrin	6.323	5.486	27103565	24933133	11.179	10.194
15)	B Endosulfa...	6.545	5.782	27549164	25067116	11.316	11.121
16)	A 4,4'-DDD	6.467	5.637	21755300	18028487	10.732	9.639
17)	MA 4,4'-DDT	6.778	5.885	23820018	20937813	10.412	9.911
18)	B Endrin al...	6.675	5.962	24307216	21553734	12.901	11.518
19)	B Endosulfa...	6.909	6.185	25379300	23410856	10.702	9.944
20)	A Methoxychlor	7.259	6.464	14636563	13437048	11.994	11.088
21)	B Endrin ke...	7.388	6.687	27523095	26295793	11.495	10.360m
22)	Mirex	7.853	6.861	23693702	25502109	12.111	11.067

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042823\
Data File : PL082371.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2023 08:39
Operator : AR\AJ
Sample : PB152443BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

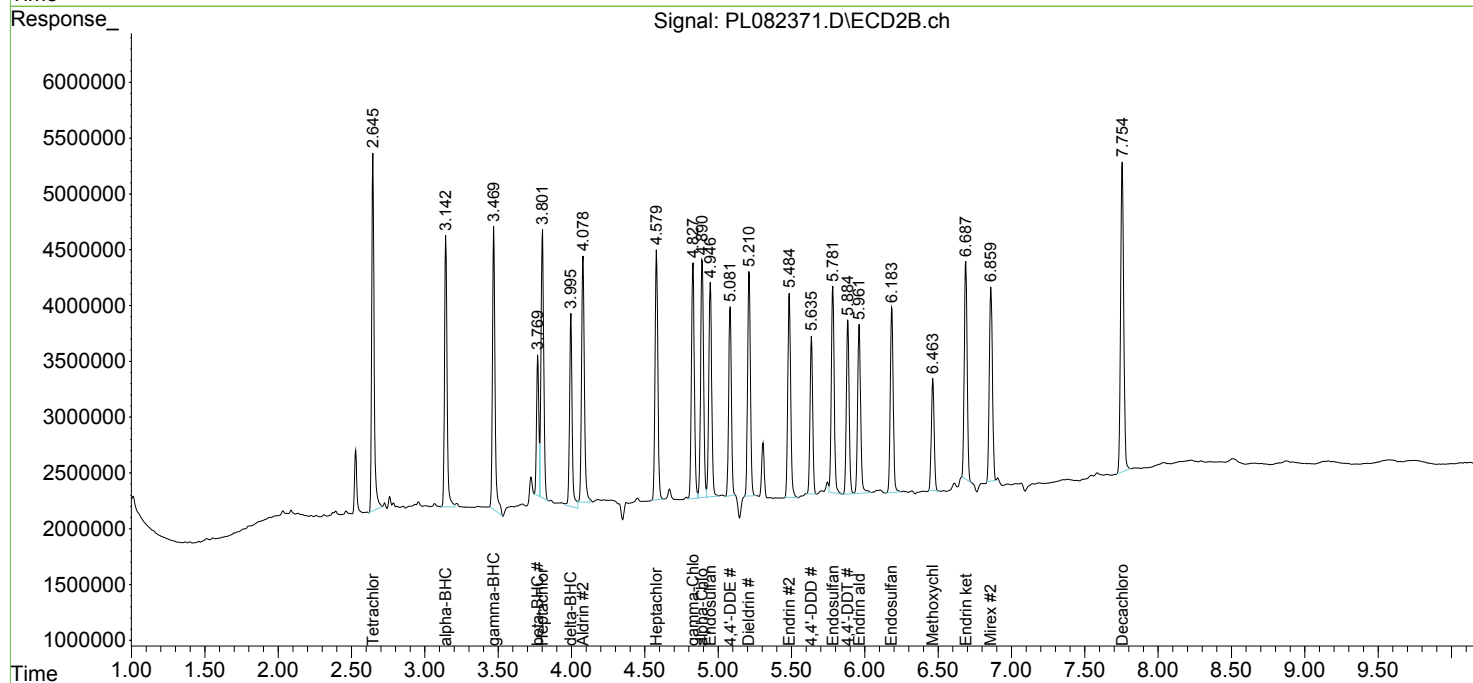
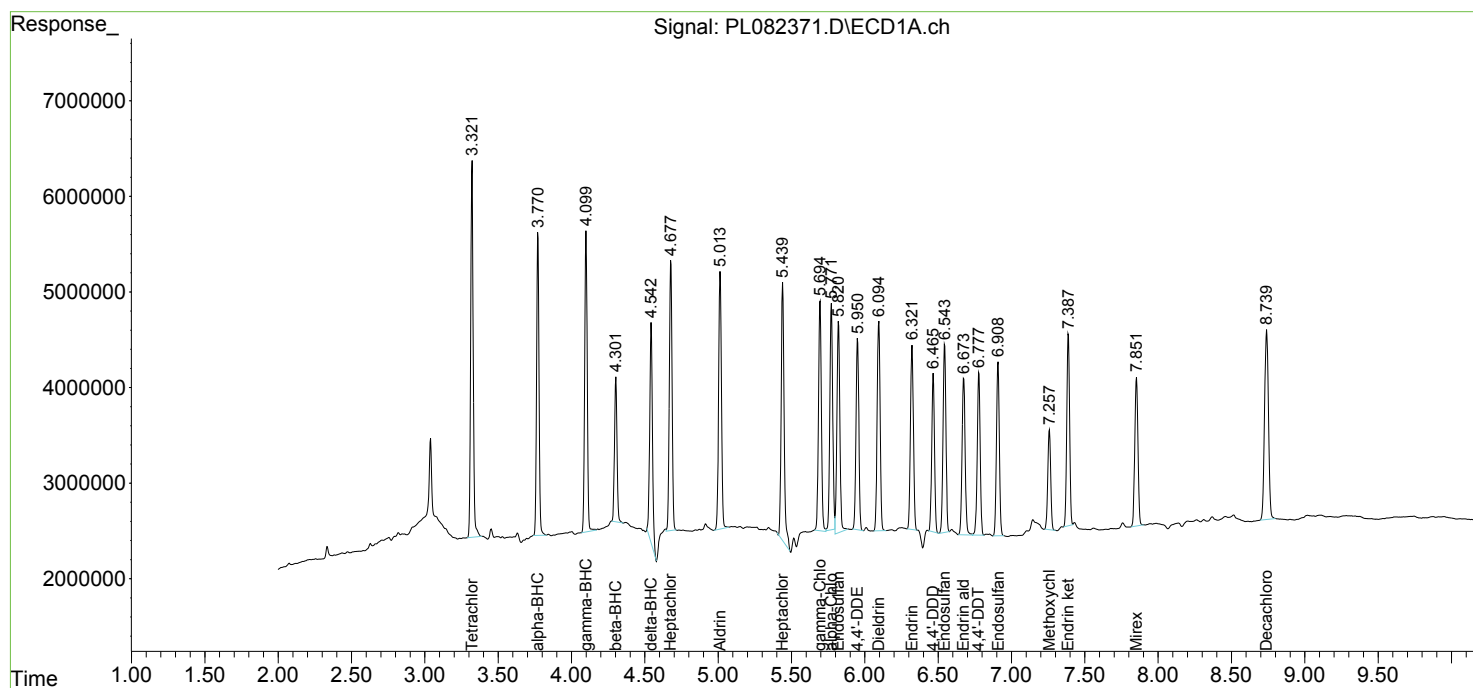
Instrument :
ECD_L
ClientSampleId :
PB152443BS

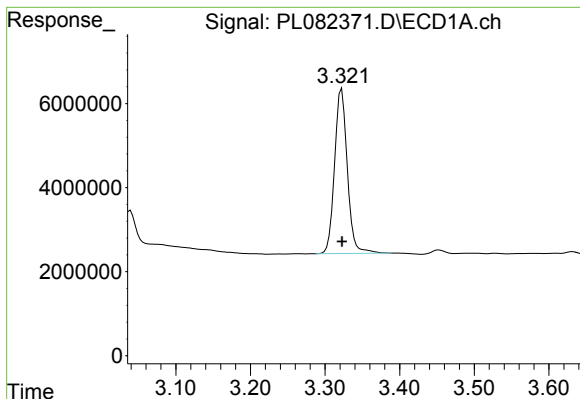
Manual Integrations
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Reviewed By : Abdul Mirza 05/01/2023
Supervised By : Ankita Jodhani 05/01/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 22:03:36 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





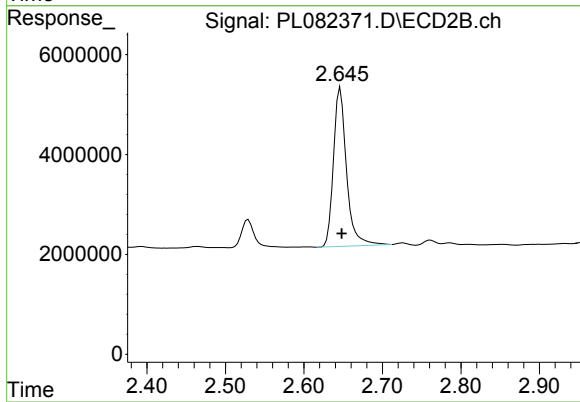
#1 Tetrachloro-m-xylene

R.T.: 3.322 min
Delta R.T.: 0.000 min
Response: 46632025
Conc: 17.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152443BS

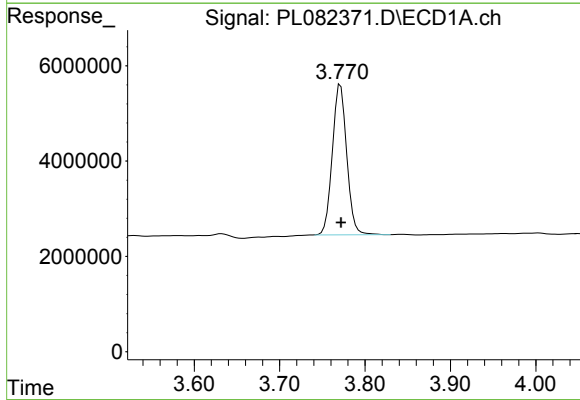
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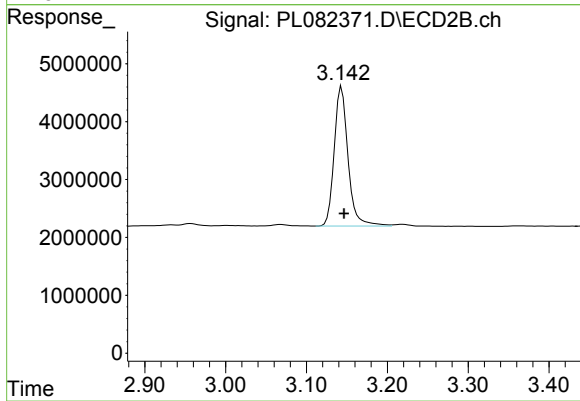
#1 Tetrachloro-m-xylene

R.T.: 2.646 min
Delta R.T.: -0.002 min
Response: 36703047
Conc: 15.84 ng/ml



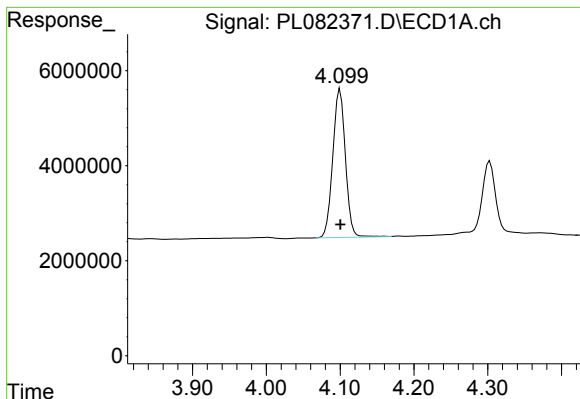
#2 alpha-BHC

R.T.: 3.771 min
Delta R.T.: 0.000 min
Response: 37048994
Conc: 9.31 ng/ml



#2 alpha-BHC

R.T.: 3.144 min
Delta R.T.: -0.003 min
Response: 28708090
Conc: 8.43 ng/ml



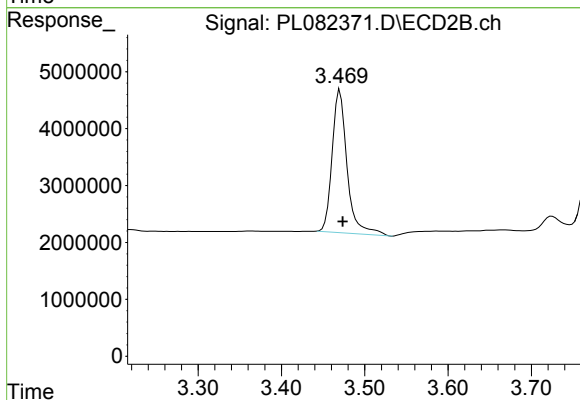
#3 gamma-BHC (Lindane)

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 37207295
Conc: 9.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152443BS

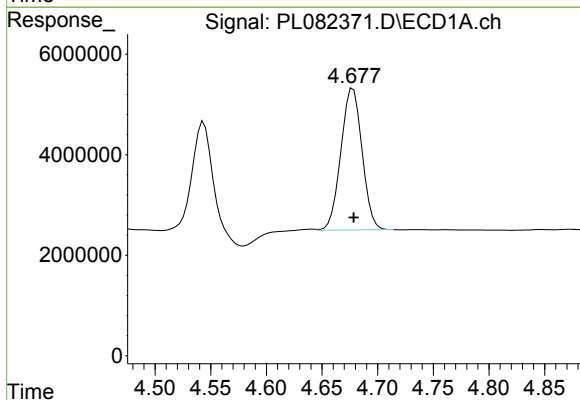
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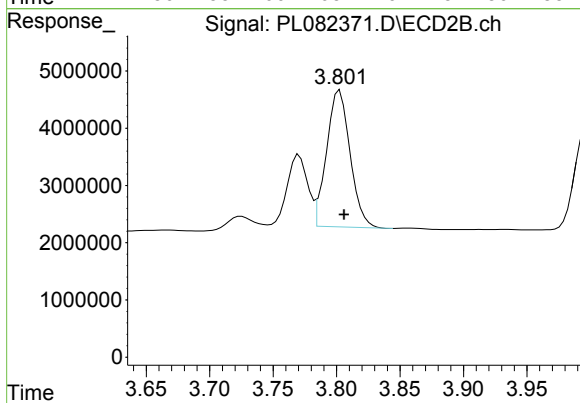
#3 gamma-BHC (Lindane)

R.T.: 3.470 min
Delta R.T.: -0.003 min
Response: 31460518
Conc: 9.78 ng/ml



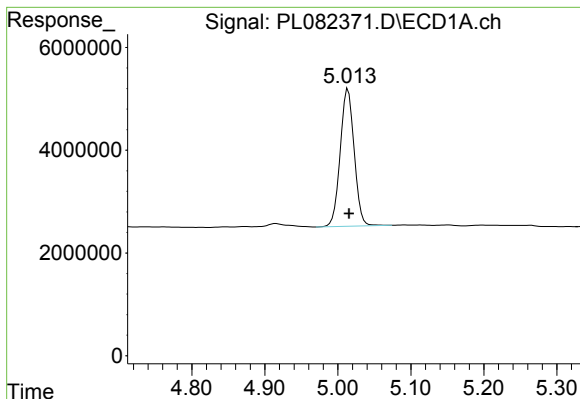
#4 Heptachlor

R.T.: 4.677 min
Delta R.T.: -0.002 min
Response: 37291969
Conc: 10.21 ng/ml m



#4 Heptachlor

R.T.: 3.803 min
Delta R.T.: -0.003 min
Response: 30835021
Conc: 9.01 ng/ml



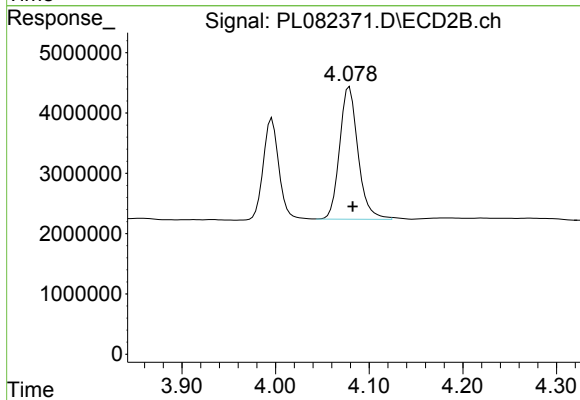
#5 Aldrin

R.T.: 5.014 min
Delta R.T.: -0.002 min
Response: 35473423
Conc: 10.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152443BS

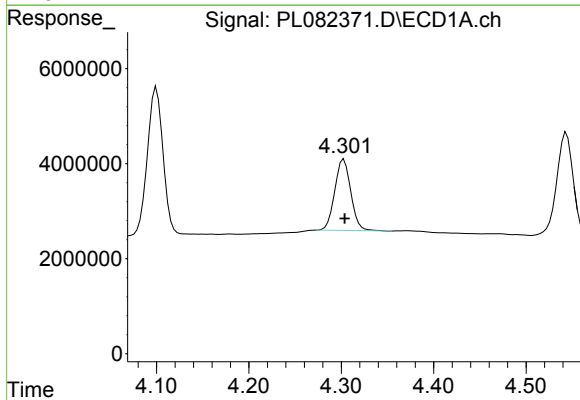
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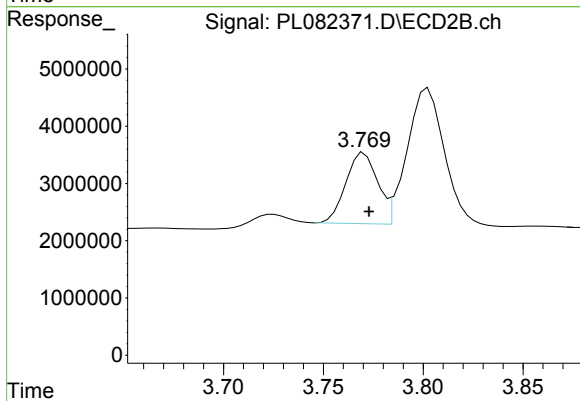
#5 Aldrin

R.T.: 4.078 min
Delta R.T.: -0.005 min
Response: 30075336
Conc: 9.55 ng/ml m



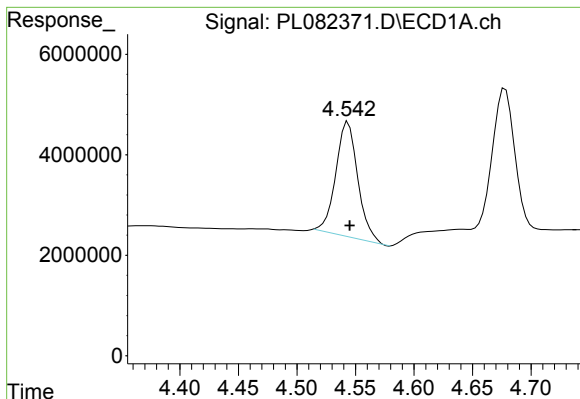
#6 beta-BHC

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 18136664
Conc: 10.63 ng/ml



#6 beta-BHC

R.T.: 3.771 min
Delta R.T.: -0.002 min
Response: 13778731
Conc: 10.10 ng/ml



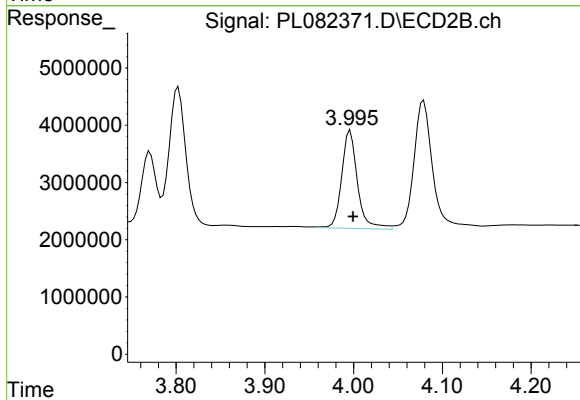
#7 delta-BHC

R.T.: 4.544 min
Delta R.T.: -0.001 min
Response: 29902935
Conc: 8.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152443BS

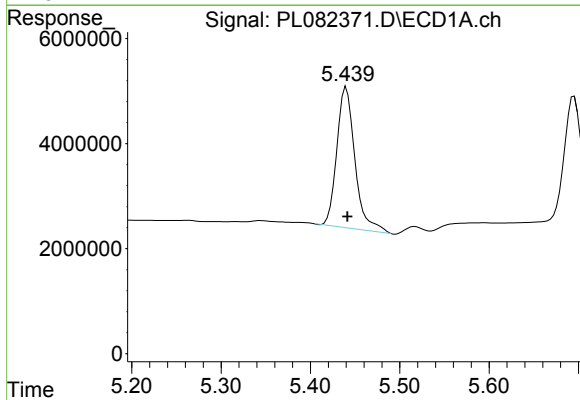
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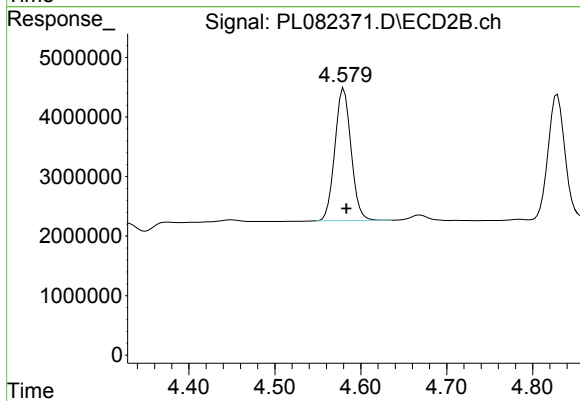
#7 delta-BHC

R.T.: 3.996 min
Delta R.T.: -0.003 min
Response: 21177940
Conc: 6.90 ng/ml



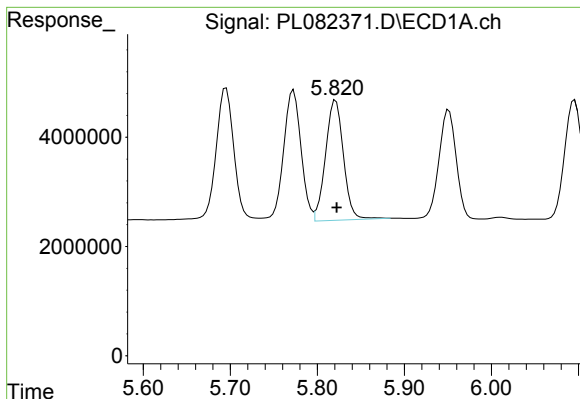
#8 Heptachlor epoxide

R.T.: 5.440 min
Delta R.T.: -0.001 min
Response: 37416119
Conc: 12.27 ng/ml



#8 Heptachlor epoxide

R.T.: 4.580 min
Delta R.T.: -0.003 min
Response: 29064413
Conc: 10.09 ng/ml



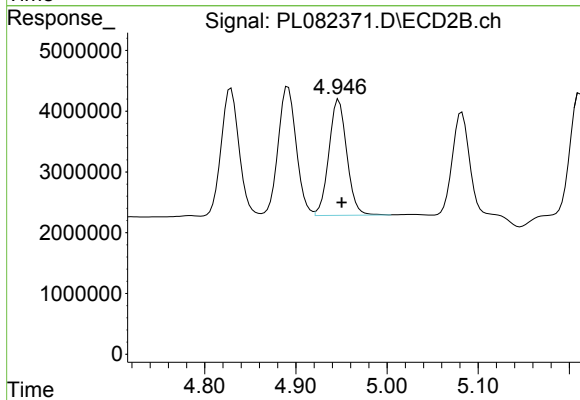
#9 Endosulfan I

R.T.: 5.821 min
Delta R.T.: -0.001 min
Response: 31320013
Conc: 11.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152443BS

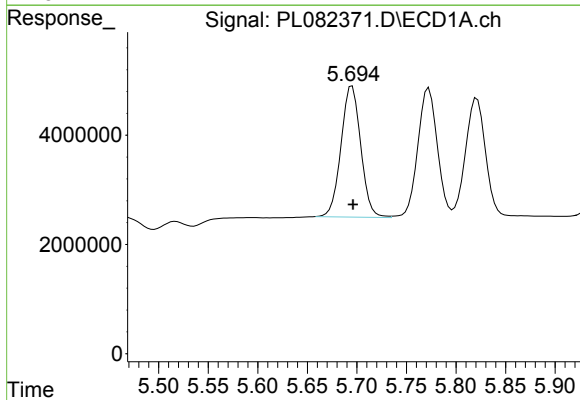
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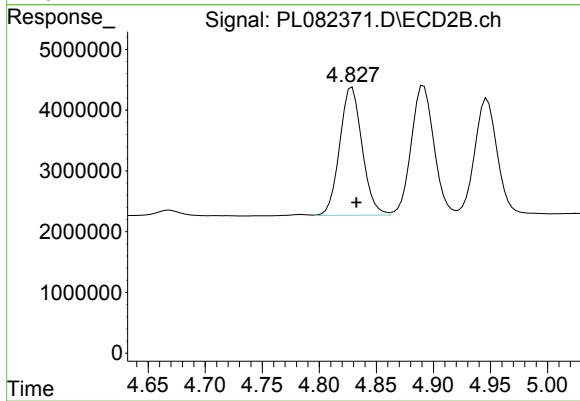
#9 Endosulfan I

R.T.: 4.947 min
Delta R.T.: -0.003 min
Response: 25992950
Conc: 9.74 ng/ml



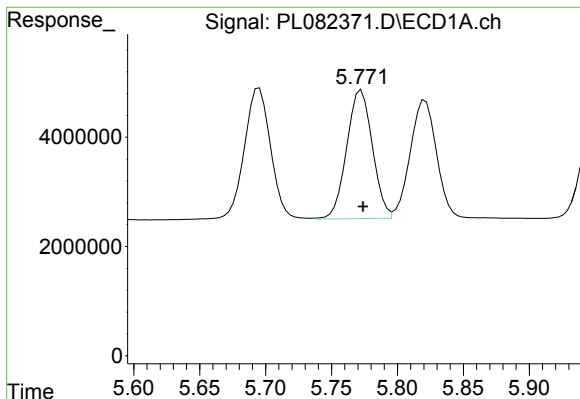
#10 gamma-Chlordane

R.T.: 5.694 min
Delta R.T.: -0.002 min
Response: 33208234
Conc: 11.04 ng/ml m



#10 gamma-Chlordane

R.T.: 4.829 min
Delta R.T.: -0.004 min
Response: 28845346
Conc: 9.94 ng/ml



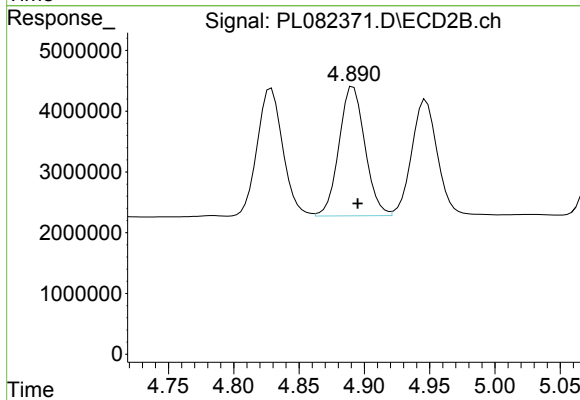
#11 alpha-Chlordane

R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 32194622
Conc: 10.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152443BS

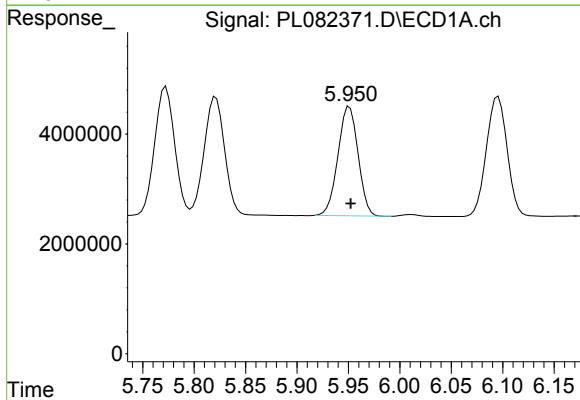
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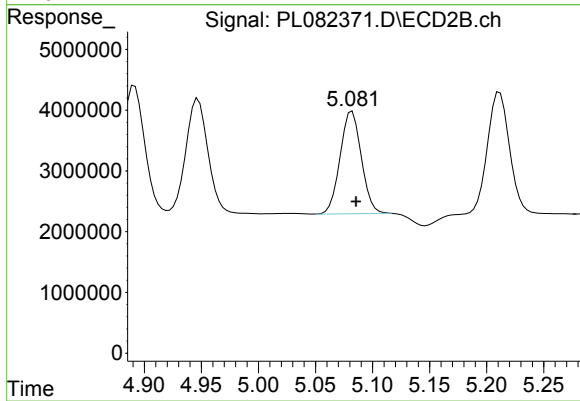
#11 alpha-Chlordane

R.T.: 4.891 min
Delta R.T.: -0.003 min
Response: 29417820
Conc: 10.13 ng/ml



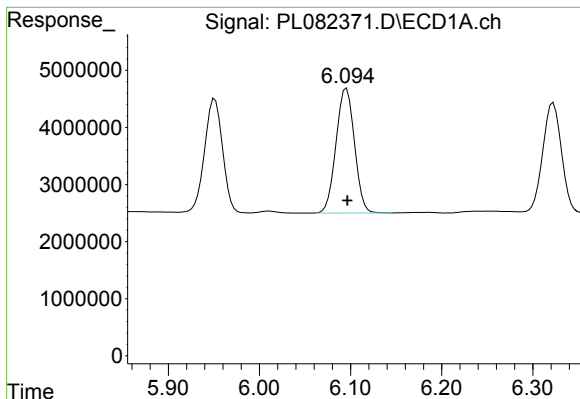
#12 4,4'-DDE

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 27099030
Conc: 10.66 ng/ml



#12 4,4'-DDE

R.T.: 5.081 min
Delta R.T.: -0.005 min
Response: 21829526
Conc: 9.50 ng/ml m



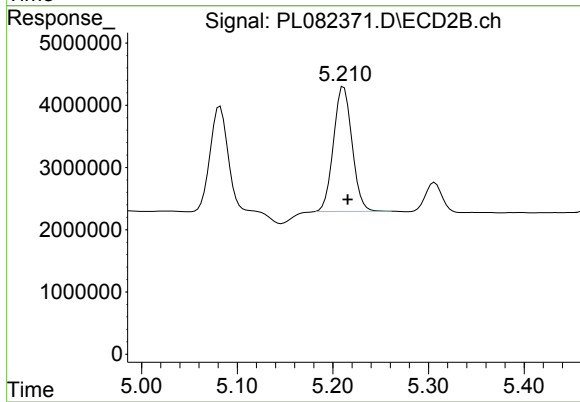
#13 Dieldrin

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 30675232
Conc: 11.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152443BS

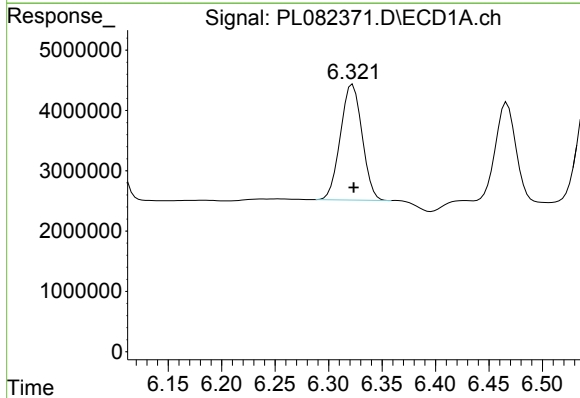
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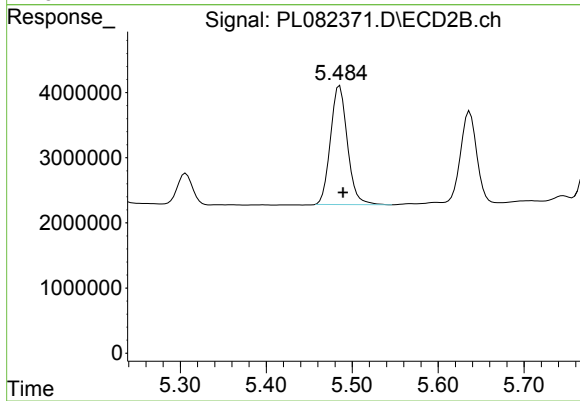
#13 Dieldrin

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 27054081
Conc: 10.02 ng/ml



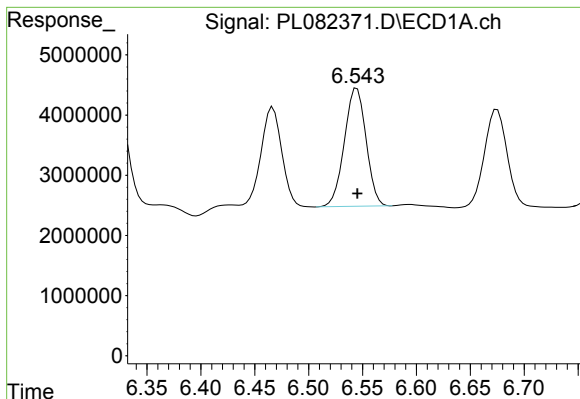
#14 Endrin

R.T.: 6.323 min
Delta R.T.: -0.001 min
Response: 27103565
Conc: 11.18 ng/ml



#14 Endrin

R.T.: 5.486 min
Delta R.T.: -0.004 min
Response: 24933133
Conc: 10.19 ng/ml



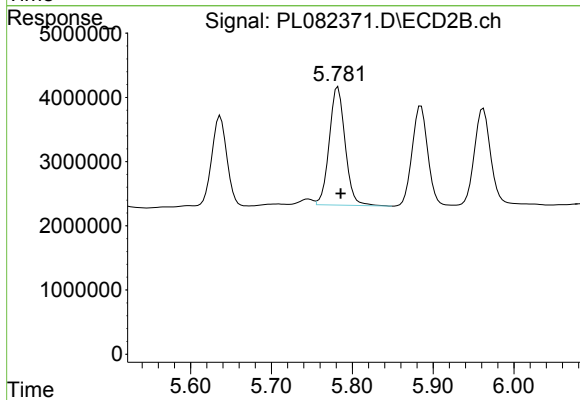
#15 Endosulfan II

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 27549164
Conc: 11.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152443BS

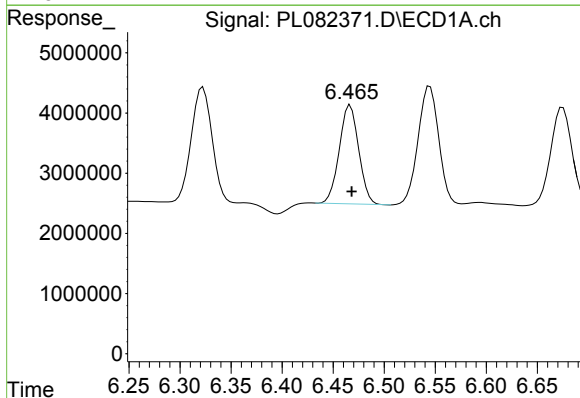
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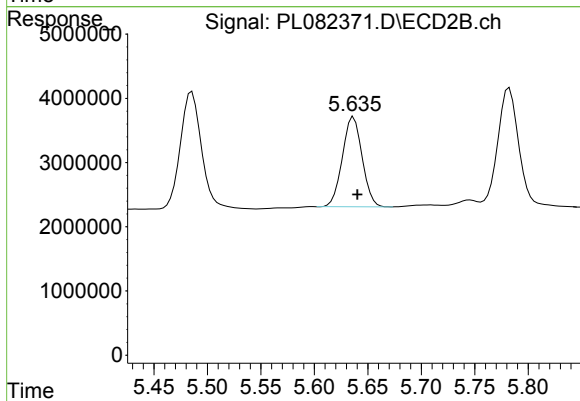
#15 Endosulfan II

R.T.: 5.782 min
Delta R.T.: -0.003 min
Response: 25067116
Conc: 11.12 ng/ml



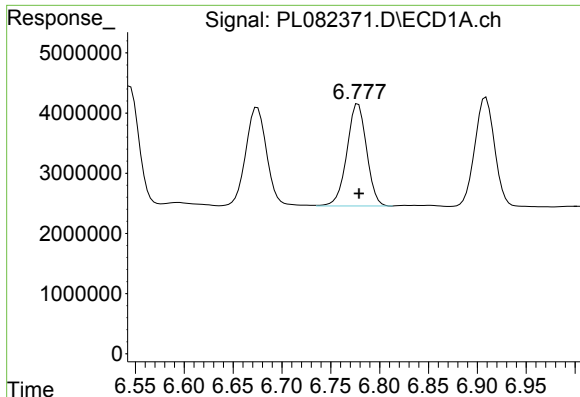
#16 4,4'-DDD

R.T.: 6.467 min
Delta R.T.: -0.001 min
Response: 21755300
Conc: 10.73 ng/ml



#16 4,4'-DDD

R.T.: 5.637 min
Delta R.T.: -0.004 min
Response: 18028487
Conc: 9.64 ng/ml



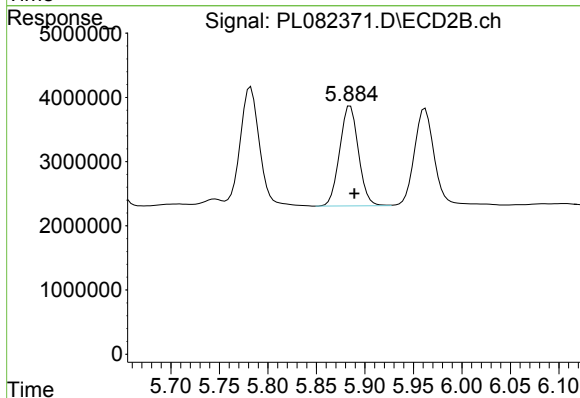
#17 4,4'-DDT

R.T.: 6.778 min
Delta R.T.: 0.000 min
Response: 23820018
Conc: 10.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152443BS

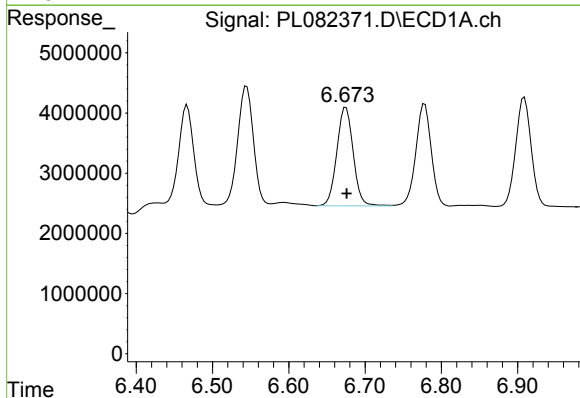
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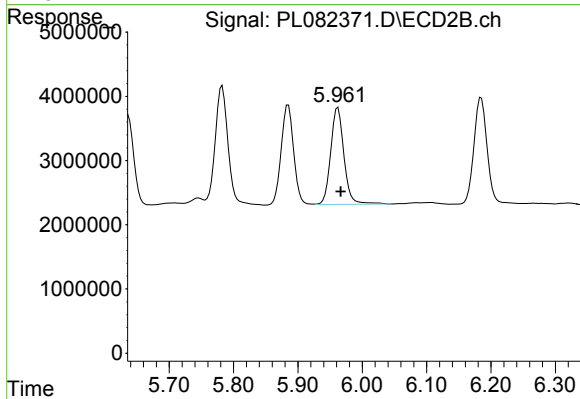
#17 4,4'-DDT

R.T.: 5.885 min
Delta R.T.: -0.004 min
Response: 20937813
Conc: 9.91 ng/ml



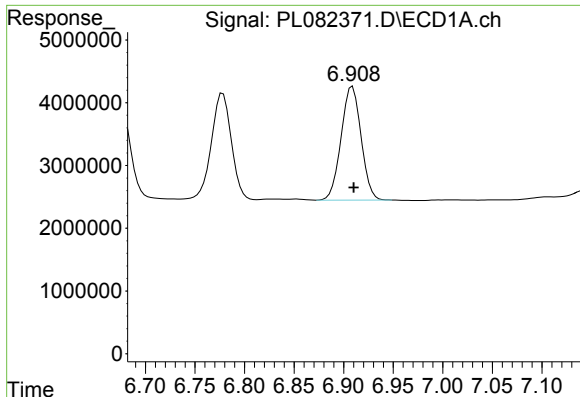
#18 Endrin aldehyde

R.T.: 6.675 min
Delta R.T.: -0.001 min
Response: 24307216
Conc: 12.90 ng/ml



#18 Endrin aldehyde

R.T.: 5.962 min
Delta R.T.: -0.004 min
Response: 21553734
Conc: 11.52 ng/ml



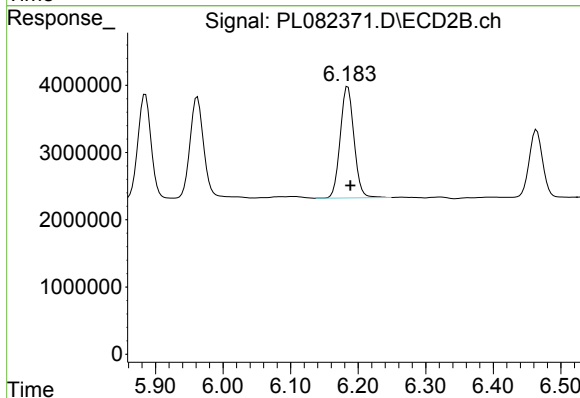
#19 Endosulfan Sulfate

R.T.: 6.909 min
Delta R.T.: -0.001 min
Response: 25379300
Conc: 10.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152443BS

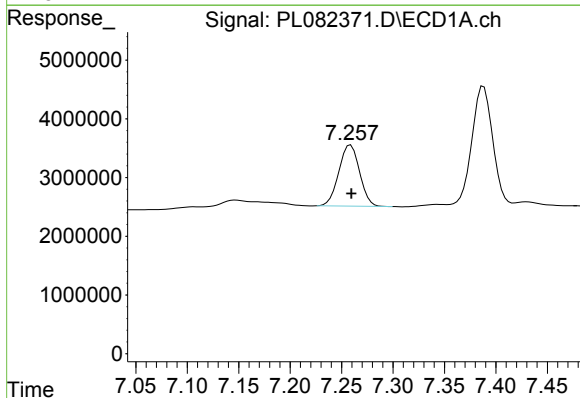
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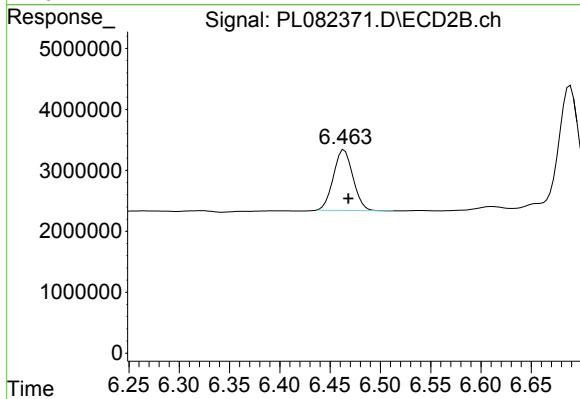
#19 Endosulfan Sulfate

R.T.: 6.185 min
Delta R.T.: -0.004 min
Response: 23410856
Conc: 9.94 ng/ml



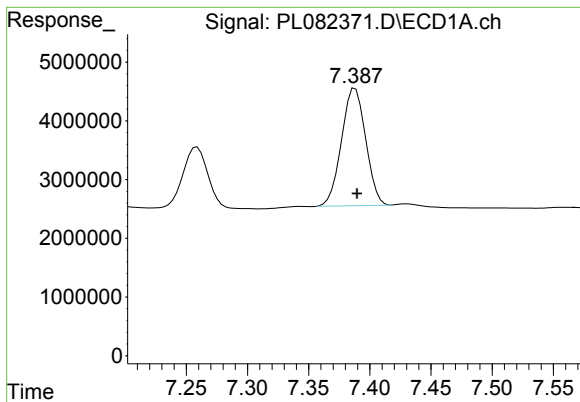
#20 Methoxychlor

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 14636563
Conc: 11.99 ng/ml



#20 Methoxychlor

R.T.: 6.464 min
Delta R.T.: -0.004 min
Response: 13437048
Conc: 11.09 ng/ml



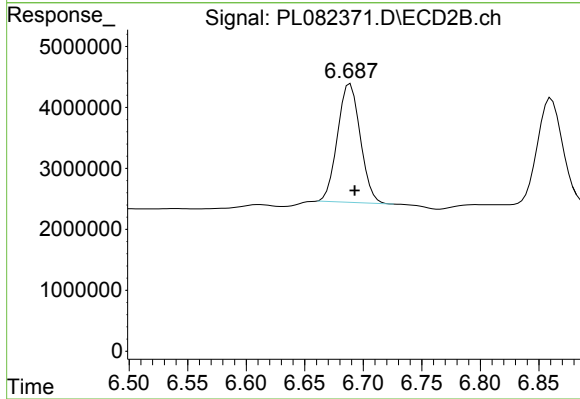
#21 Endrin ketone

R.T.: 7.388 min
Delta R.T.: -0.001 min
Response: 27523095
Conc: 11.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152443BS

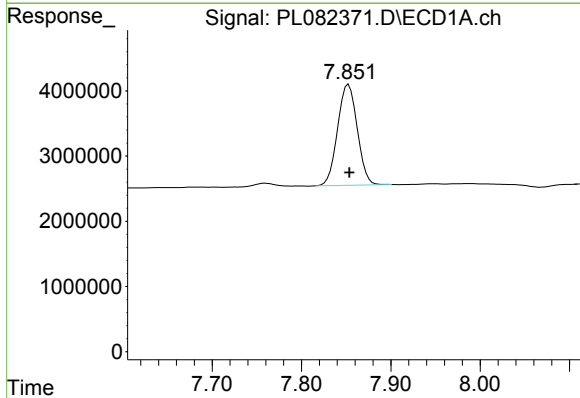
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APPROVED

Reviewed By :Abdul Mirza 05/01/2023
Supervised By :Ankita Jodhani 05/01/2023



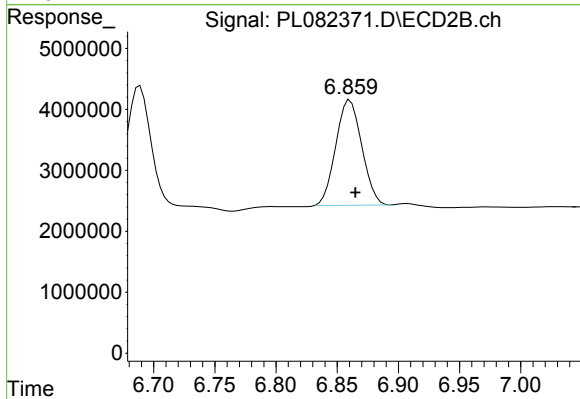
#21 Endrin ketone

R.T.: 6.687 min
Delta R.T.: -0.005 min
Response: 26295793
Conc: 10.36 ng/ml m



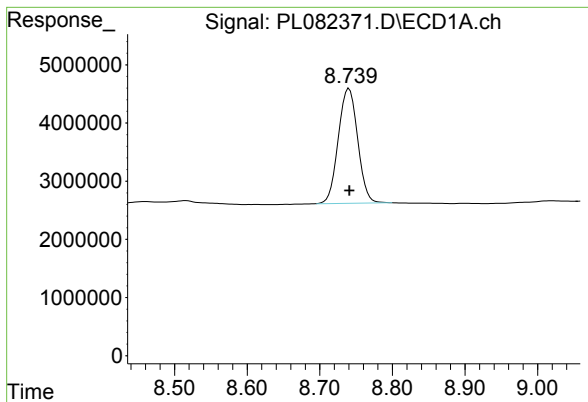
#22 Mirex

R.T.: 7.853 min
Delta R.T.: -0.001 min
Response: 23693702
Conc: 12.11 ng/ml



#22 Mirex

R.T.: 6.861 min
Delta R.T.: -0.004 min
Response: 25502109
Conc: 11.07 ng/ml



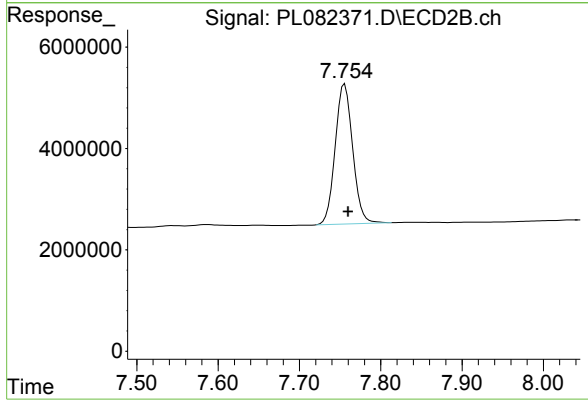
#28 Decachlorobiphenyl

R.T.: 8.740 min
Delta R.T.: 0.000 min
Response: 36715765
Conc: 19.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152443BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.756 min
Delta R.T.: -0.004 min
Response: 41239298
Conc: 18.07 ng/ml