

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050423\
 Data File : PL082490.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2023 11:27
 Operator : AR\AJ
 Sample : PB152546BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB152546BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/06/2023
 Supervised By : Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 21:00:39 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...	3.320	2.643	55293265	46337146	20.700	20.001
28)	SA Decachlor...	8.739	7.754	48506311	55325766	25.408	24.239
Target Compounds							
2)	A alpha-BHC	3.769	3.141	222.1E6	183.3E6	55.794	53.868
3)	MA gamma-BHC...	4.098	3.468	206.9E6	169.5E6	55.341	52.724
4)	MA Heptachlor	4.676	3.800	203.9E6	183.0E6	55.810	53.451
5)	MB Aldrin	5.012	4.076	186.7E6	182.7E6	56.609	57.999
6)	B beta-BHC	4.301	3.768	88517905	69216846	51.901	50.731
7)	B delta-BHC	4.542	3.994	177.3E6	169.5E6	49.287	55.258
8)	B Heptachlo...	5.439	4.578	165.4E6	155.5E6	54.209	53.971
9)	A Endosulfan I	5.820	4.945	156.9E6	144.9E6	56.575	54.288
10)	B gamma-Chl...	5.693	4.826	168.2E6	157.6E6	55.936m	54.311
11)	B alpha-Chl...	5.771	4.889	169.3E6	157.5E6	56.712	54.274
12)	B 4,4'-DDE	5.950	5.080	148.9E6	135.1E6	58.588	58.760
13)	MA Dieldrin	6.094	5.209	161.5E6	151.5E6	58.548	56.100
14)	MA Endrin	6.321	5.483	145.0E6	137.5E6	59.823	56.225
15)	B Endosulfa...	6.544	5.781	133.9E6	130.5E6	54.980	57.906
16)	A 4,4'-DDD	6.466	5.634	118.2E6	108.6E6	58.291	58.053
17)	MA 4,4'-DDT	6.777	5.883	136.1E6	127.0E6	59.507	60.132
18)	B Endrin al...	6.674	5.960	111.6E6	108.2E6	59.252	57.805
19)	B Endosulfa...	6.908	6.183	135.2E6	134.2E6	57.001	56.985
20)	A Methoxychlor	7.257	6.462	72679210	71030662	59.557	58.614
21)	B Endrin ke...	7.388	6.687	139.5E6	146.2E6	58.279	57.604
22)	Mirex	7.851	6.859	104.2E6	118.4E6	53.277	51.365

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050423\
Data File : PL082490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 May 2023 11:27
Operator : AR\AJ
Sample : PB152546BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

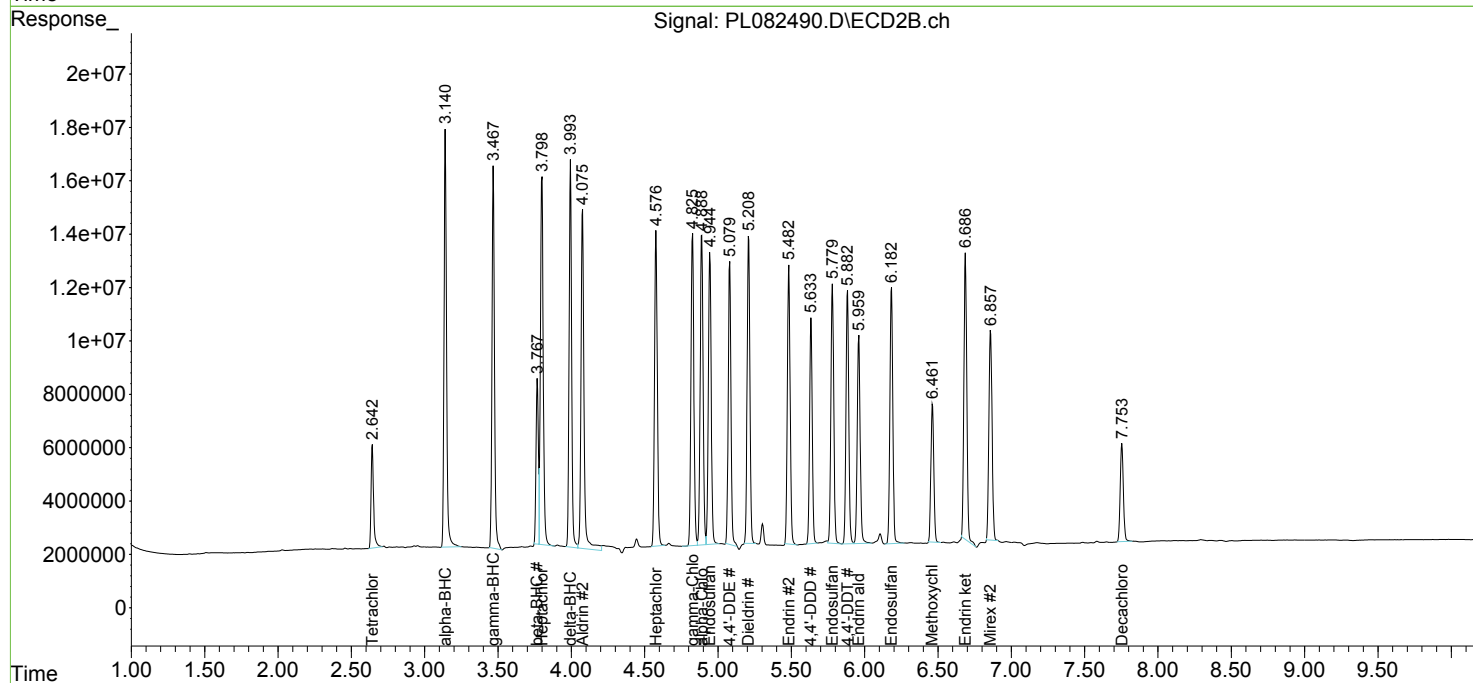
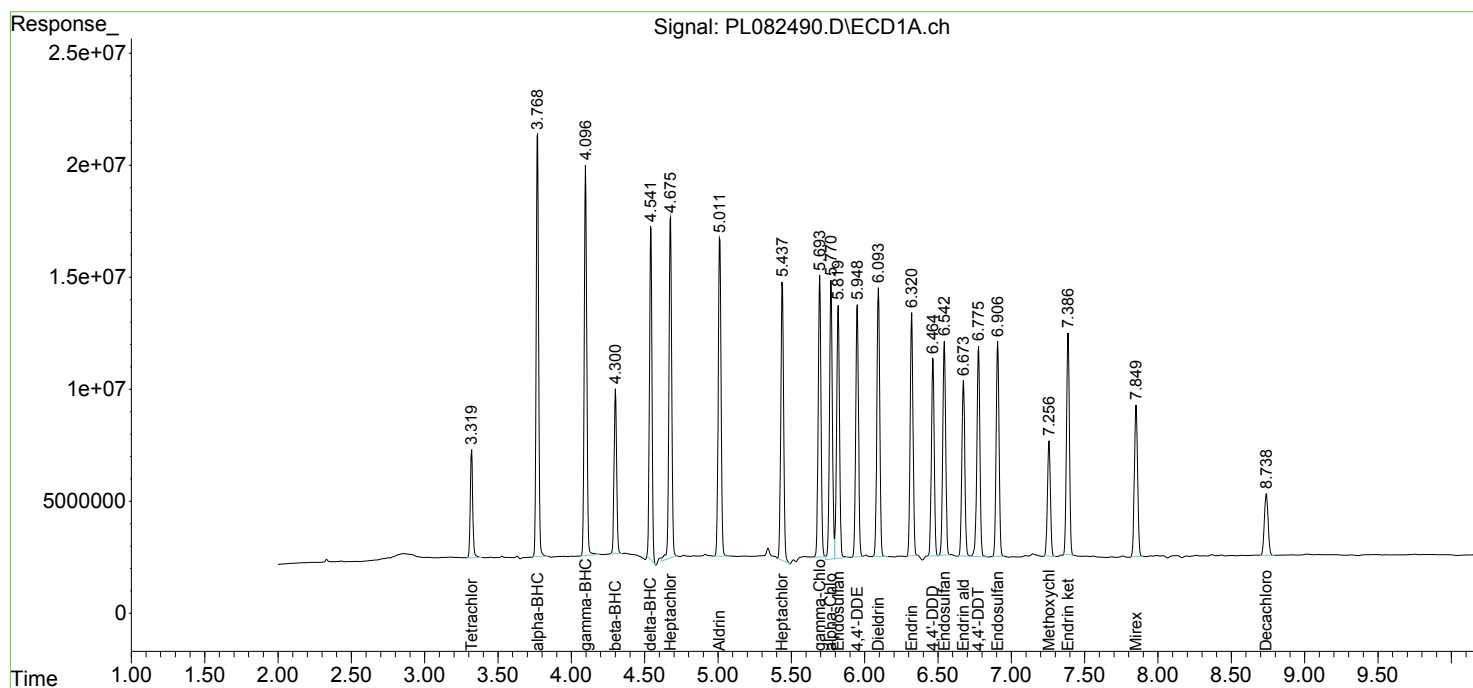
Instrument :
ECD_L
ClientSampleId :
PB152546BS

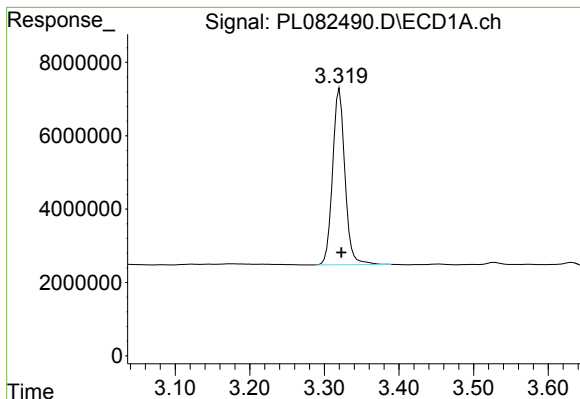
Manual Integrations
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Reviewed By :Abdul Mirza 05/06/2023
Supervised By :Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 04 21:00:39 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





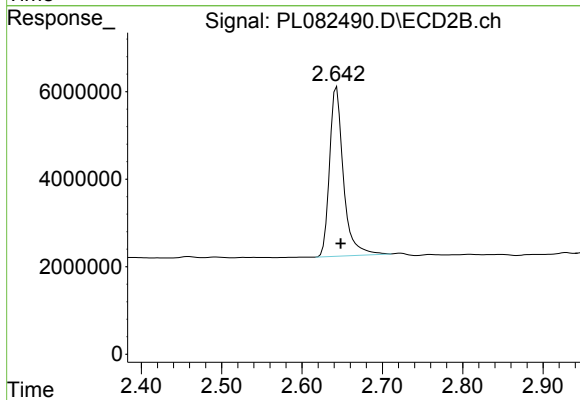
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 55293265
Conc: 20.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152546BS

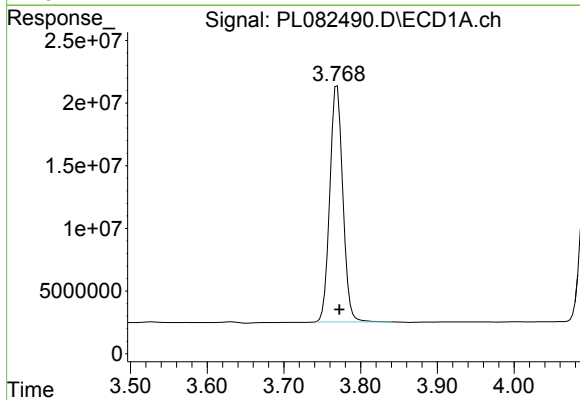
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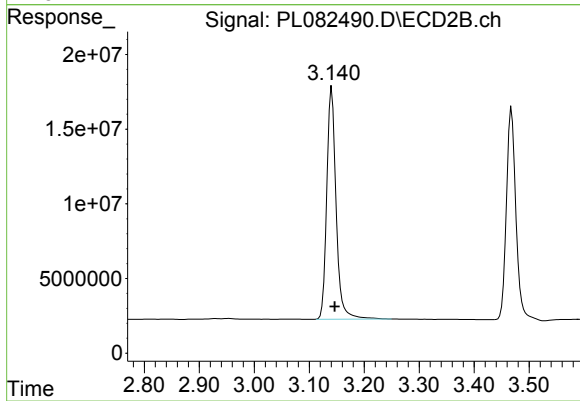
#1 Tetrachloro-m-xylene

R.T.: 2.643 min
Delta R.T.: -0.005 min
Response: 46337146
Conc: 20.00 ng/ml



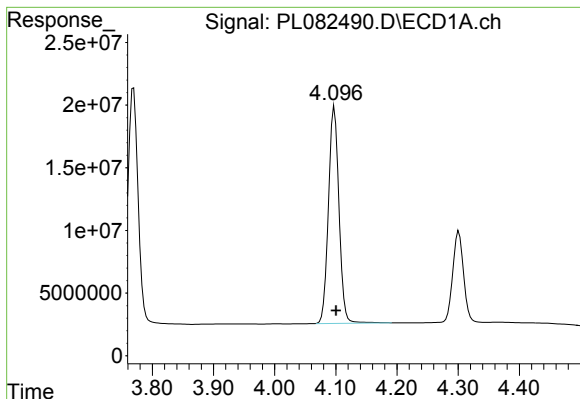
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.003 min
Response: 222075617
Conc: 55.79 ng/ml



#2 alpha-BHC

R.T.: 3.141 min
Delta R.T.: -0.005 min
Response: 183340072
Conc: 53.87 ng/ml



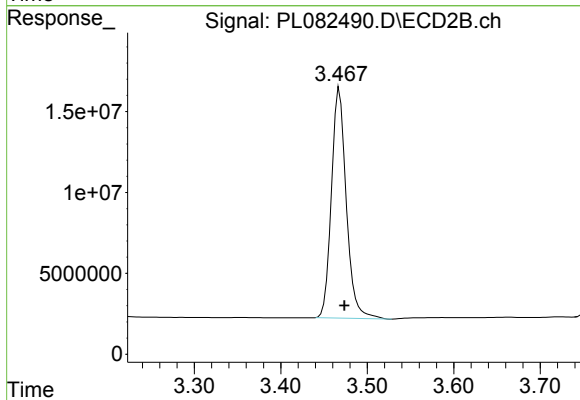
#3 gamma-BHC (Lindane)

R.T.: 4.098 min
Delta R.T.: -0.003 min
Response: 206915137
Conc: 55.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152546BS

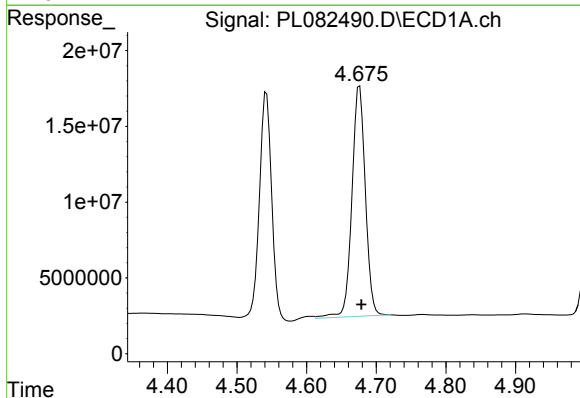
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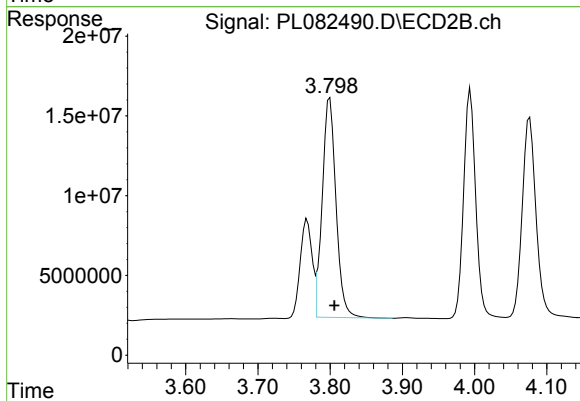
#3 gamma-BHC (Lindane)

R.T.: 3.468 min
Delta R.T.: -0.005 min
Response: 169523958
Conc: 52.72 ng/ml



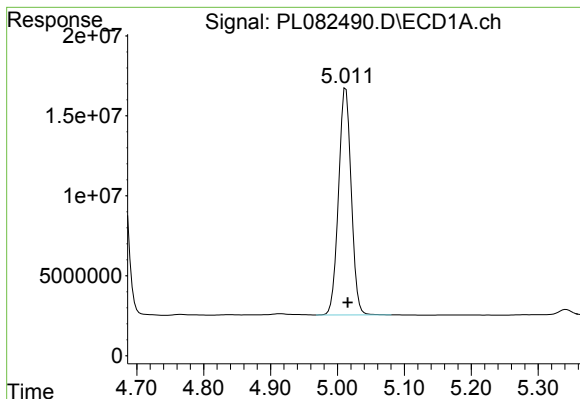
#4 Heptachlor

R.T.: 4.676 min
Delta R.T.: -0.003 min
Response: 203926214
Conc: 55.81 ng/ml



#4 Heptachlor

R.T.: 3.800 min
Delta R.T.: -0.006 min
Response: 182976226
Conc: 53.45 ng/ml



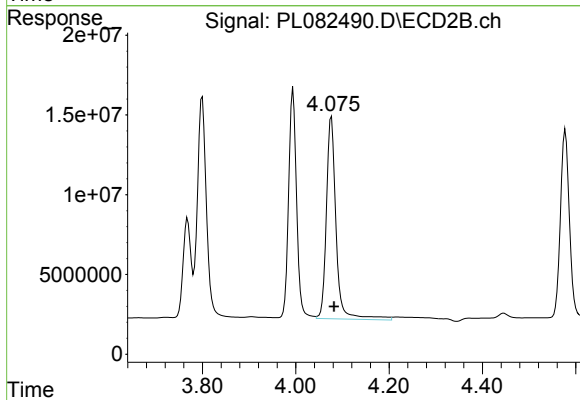
#5 Aldrin

R.T.: 5.012 min
Delta R.T.: -0.003 min
Response: 186671347
Conc: 56.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152546BS

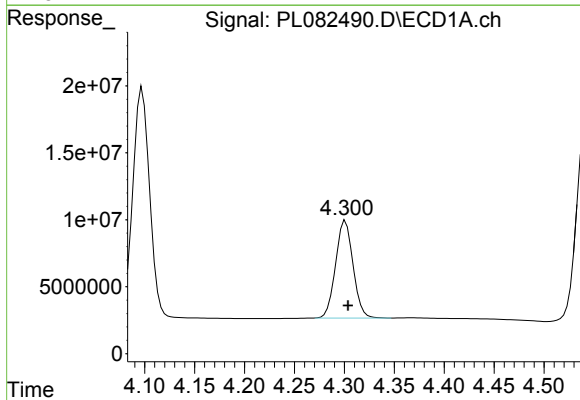
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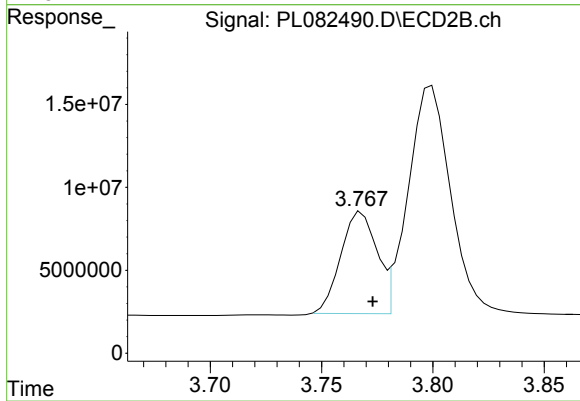
#5 Aldrin

R.T.: 4.076 min
Delta R.T.: -0.006 min
Response: 182688402
Conc: 58.00 ng/ml



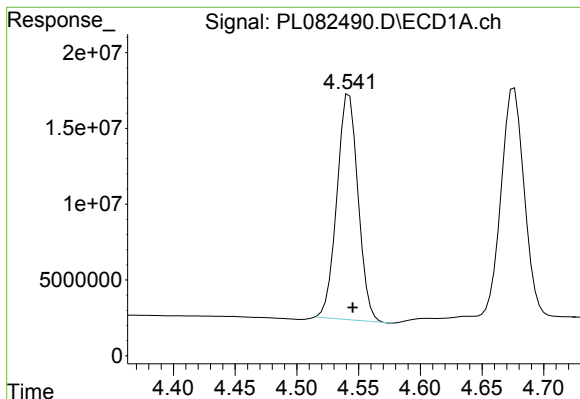
#6 beta-BHC

R.T.: 4.301 min
Delta R.T.: -0.002 min
Response: 88517905
Conc: 51.90 ng/ml



#6 beta-BHC

R.T.: 3.768 min
Delta R.T.: -0.005 min
Response: 69216846
Conc: 50.73 ng/ml



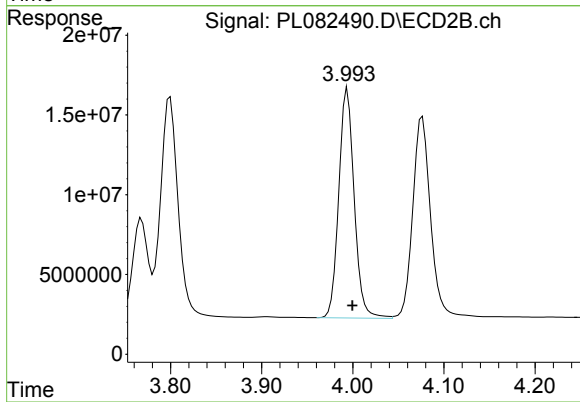
#7 delta-BHC

R.T.: 4.542 min
Delta R.T.: -0.003 min
Response: 177323315
Conc: 49.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152546BS

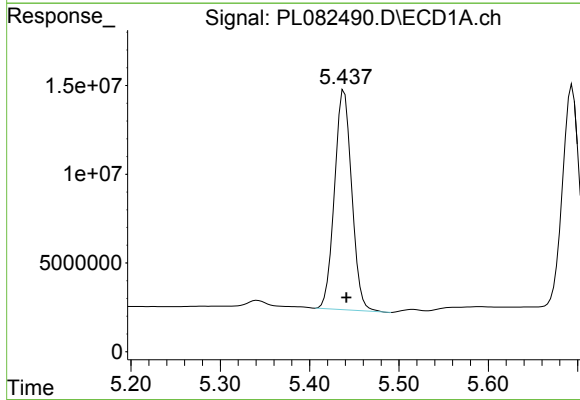
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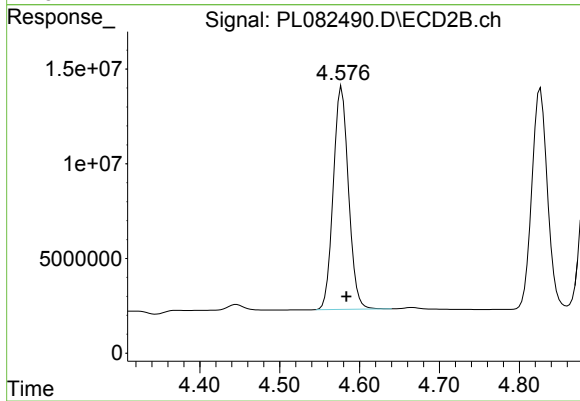
#7 delta-BHC

R.T.: 3.994 min
Delta R.T.: -0.005 min
Response: 169496510
Conc: 55.26 ng/ml



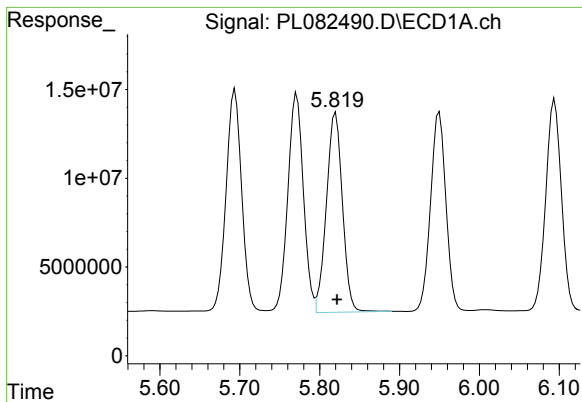
#8 Heptachlor epoxide

R.T.: 5.439 min
Delta R.T.: -0.003 min
Response: 165357504
Conc: 54.21 ng/ml



#8 Heptachlor epoxide

R.T.: 4.578 min
Delta R.T.: -0.006 min
Response: 155485082
Conc: 53.97 ng/ml



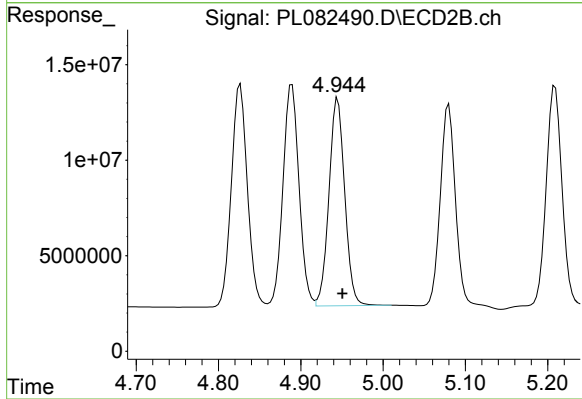
#9 Endosulfan I

R.T.: 5.820 min
Delta R.T.: -0.002 min
Response: 156867535
Conc: 56.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152546BS

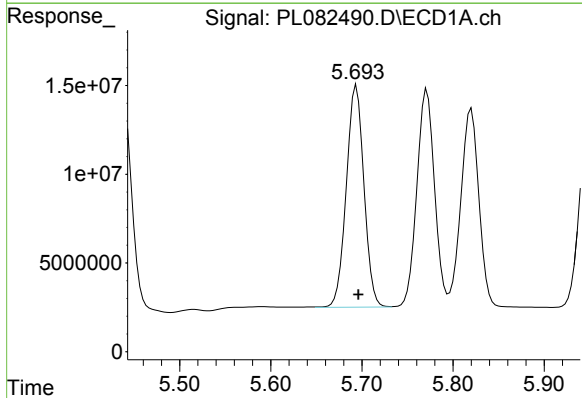
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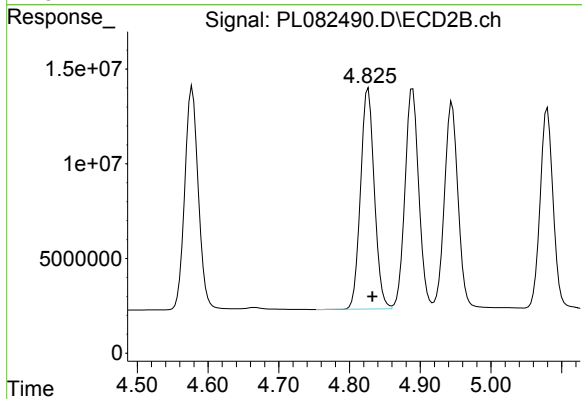
#9 Endosulfan I

R.T.: 4.945 min
Delta R.T.: -0.006 min
Response: 144918616
Conc: 54.29 ng/ml



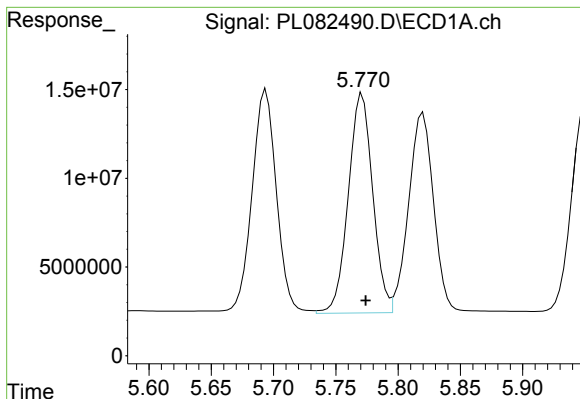
#10 gamma-Chlordane

R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 168190935
Conc: 55.94 ng/ml m



#10 gamma-Chlordane

R.T.: 4.826 min
Delta R.T.: -0.006 min
Response: 157602976
Conc: 54.31 ng/ml



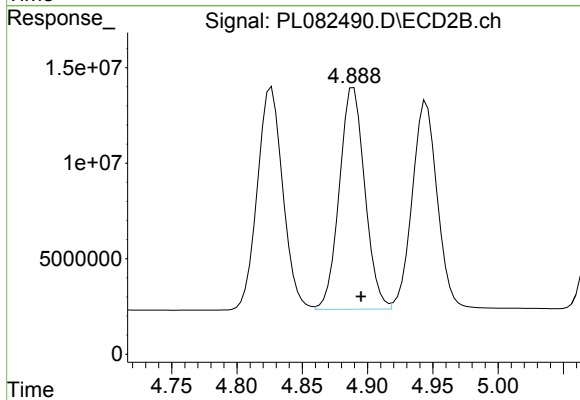
#11 alpha-Chlordane

R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 169263864
Conc: 56.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152546BS

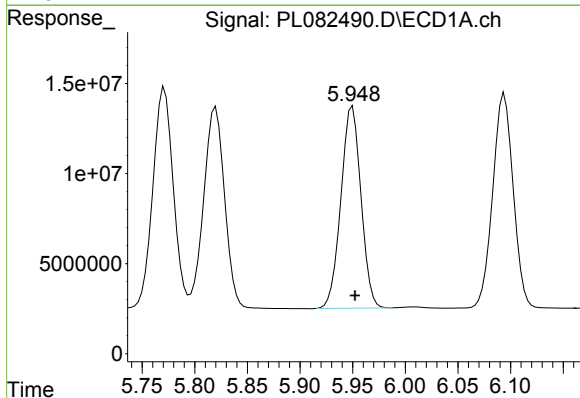
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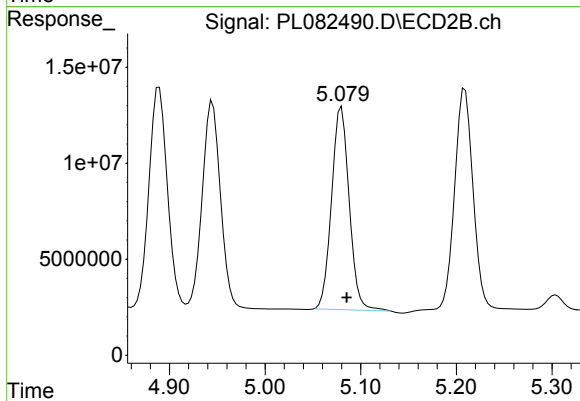
#11 alpha-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 157547218
Conc: 54.27 ng/ml



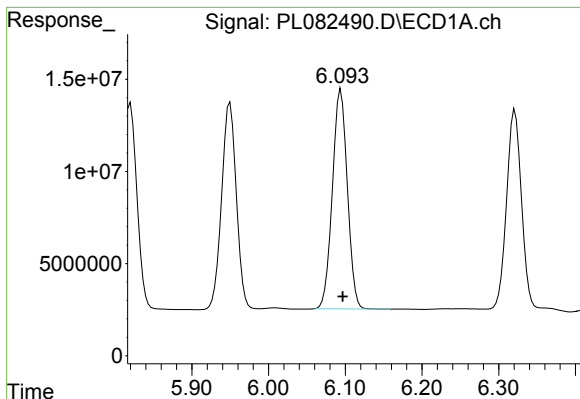
#12 4,4'-DDE

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 148933878
Conc: 58.59 ng/ml



#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.006 min
Response: 135087038
Conc: 58.76 ng/ml



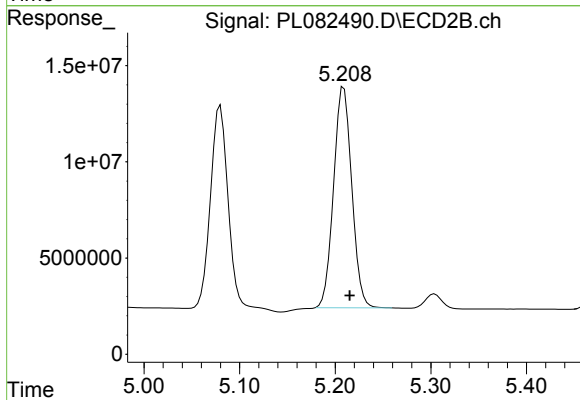
#13 Dieldrin

R.T.: 6.094 min
Delta R.T.: -0.002 min
Response: 161541533
Conc: 58.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152546BS

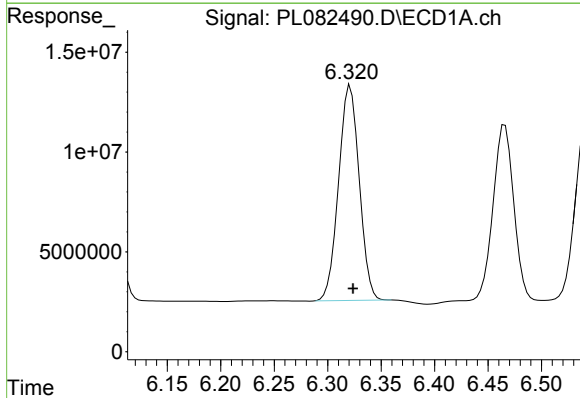
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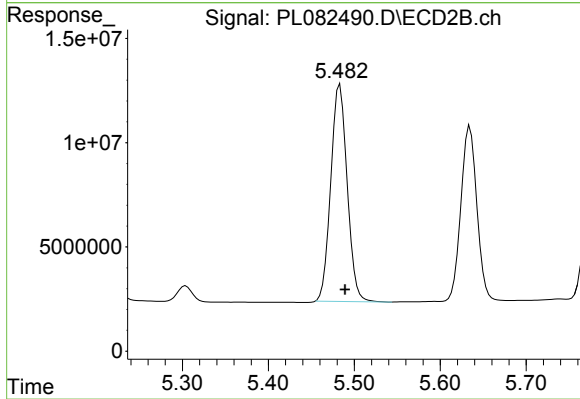
#13 Dieldrin

R.T.: 5.209 min
Delta R.T.: -0.006 min
Response: 151492210
Conc: 56.10 ng/ml



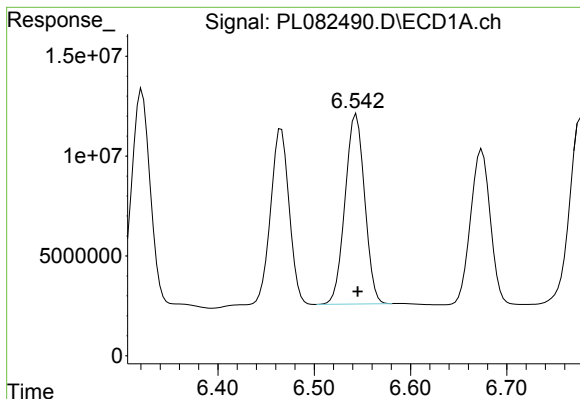
#14 Endrin

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 145043951
Conc: 59.82 ng/ml



#14 Endrin

R.T.: 5.483 min
Delta R.T.: -0.006 min
Response: 137523324
Conc: 56.22 ng/ml



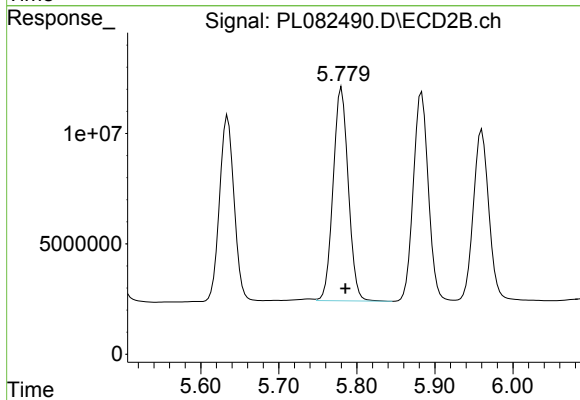
#15 Endosulfan II

R.T.: 6.544 min
Delta R.T.: -0.002 min
Response: 133851483
Conc: 54.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152546BS

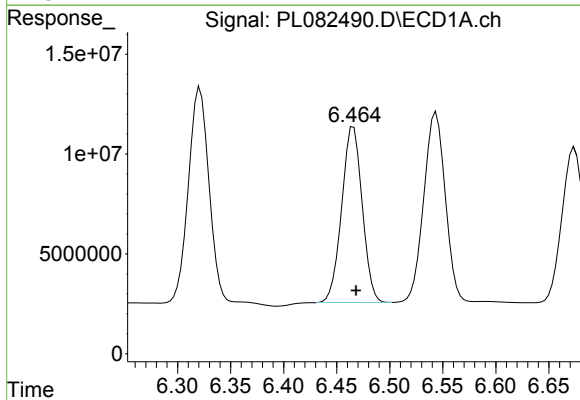
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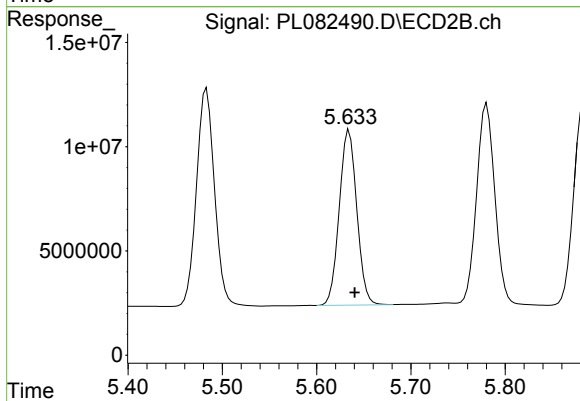
#15 Endosulfan II

R.T.: 5.781 min
Delta R.T.: -0.005 min
Response: 130525911
Conc: 57.91 ng/ml



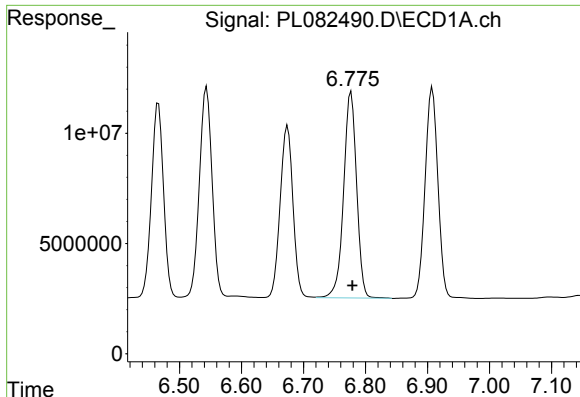
#16 4,4'-DDD

R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 118167791
Conc: 58.29 ng/ml



#16 4,4'-DDD

R.T.: 5.634 min
Delta R.T.: -0.006 min
Response: 108582746
Conc: 58.05 ng/ml



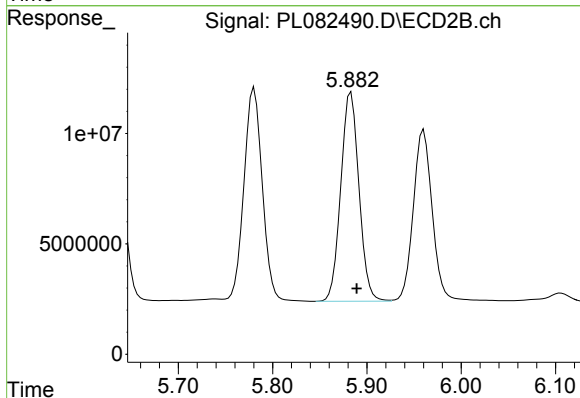
#17 4,4'-DDT

R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 136135285
Conc: 59.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152546BS

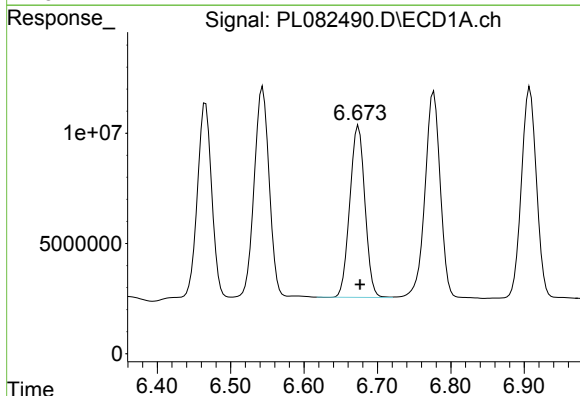
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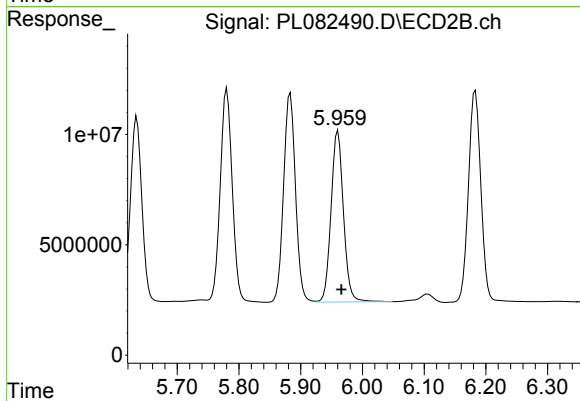
#17 4,4'-DDT

R.T.: 5.883 min
Delta R.T.: -0.006 min
Response: 127034197
Conc: 60.13 ng/ml



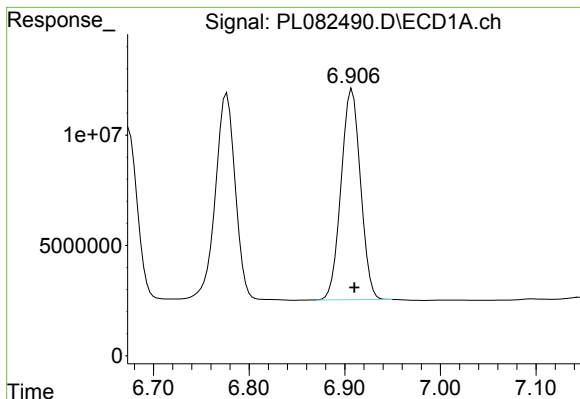
#18 Endrin aldehyde

R.T.: 6.674 min
Delta R.T.: -0.002 min
Response: 111641871
Conc: 59.25 ng/ml



#18 Endrin aldehyde

R.T.: 5.960 min
Delta R.T.: -0.006 min
Response: 108175649
Conc: 57.81 ng/ml



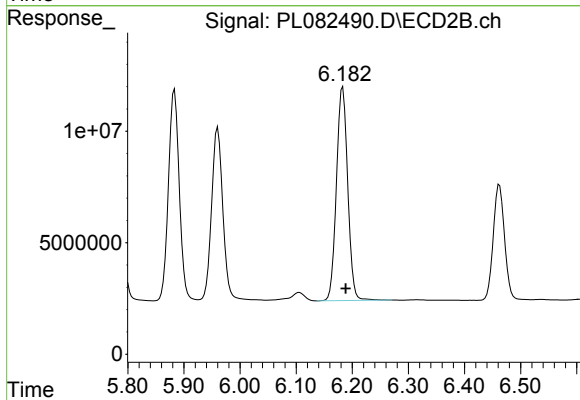
#19 Endosulfan Sulfate

R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 135180929
Conc: 57.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152546BS

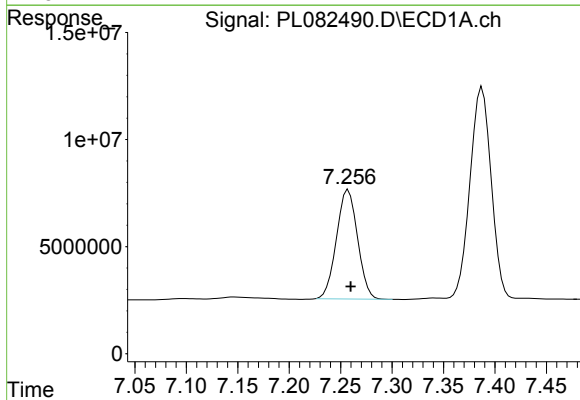
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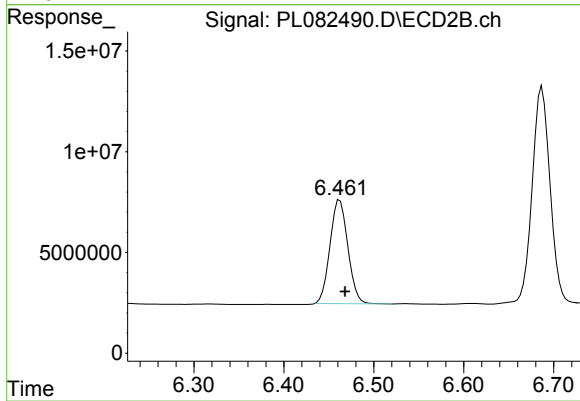
#19 Endosulfan Sulfate

R.T.: 6.183 min
Delta R.T.: -0.006 min
Response: 134157753
Conc: 56.98 ng/ml



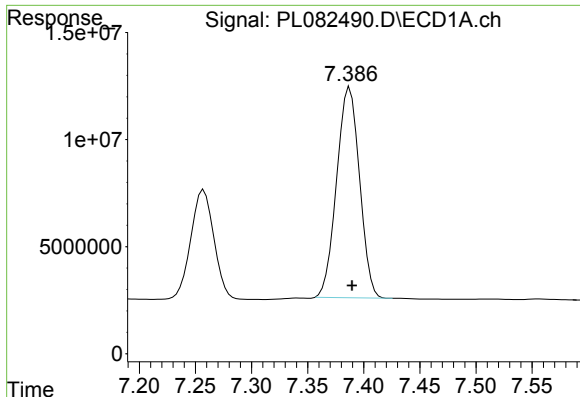
#20 Methoxychlor

R.T.: 7.257 min
Delta R.T.: -0.002 min
Response: 72679210
Conc: 59.56 ng/ml



#20 Methoxychlor

R.T.: 6.462 min
Delta R.T.: -0.006 min
Response: 71030662
Conc: 58.61 ng/ml



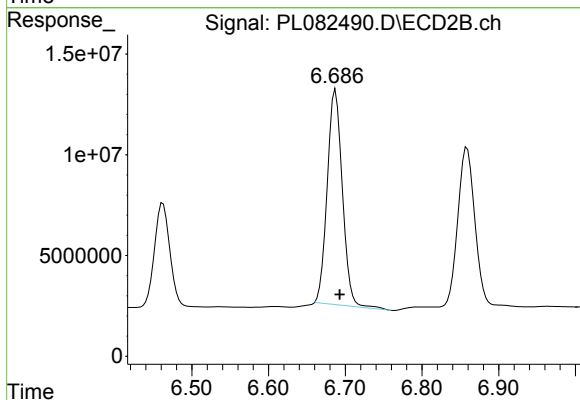
#21 Endrin ketone

R.T.: 7.388 min
Delta R.T.: -0.002 min
Response: 139543219
Conc: 58.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152546BS

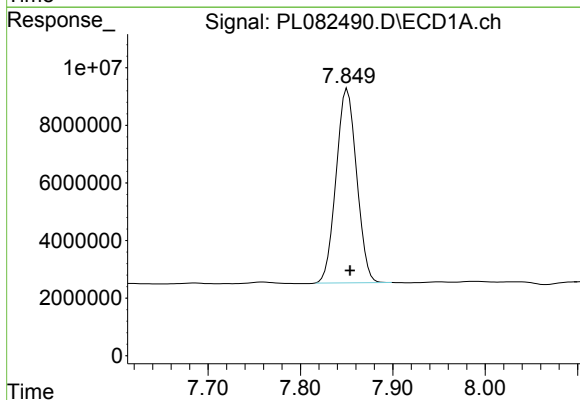
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/06/2023
Supervised By :Ankita Jodhani 05/08/2023



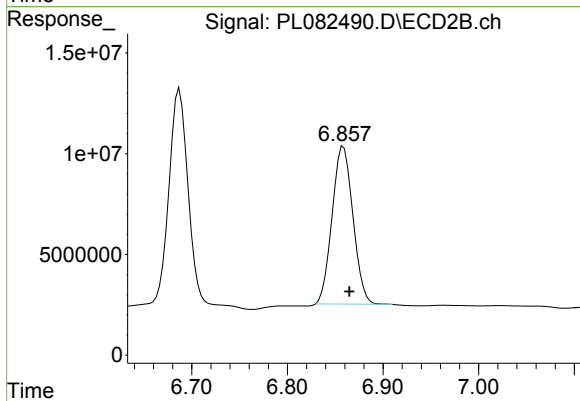
#21 Endrin ketone

R.T.: 6.687 min
Delta R.T.: -0.006 min
Response: 146210666
Conc: 57.60 ng/ml



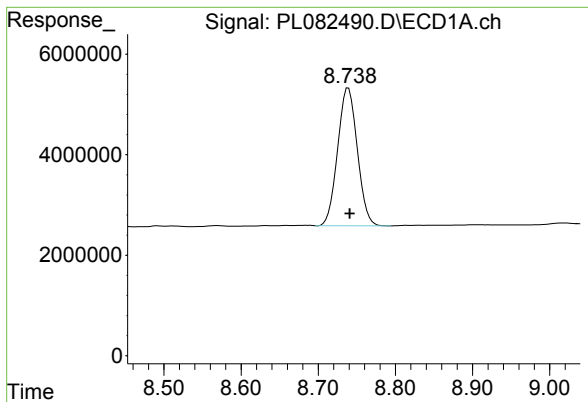
#22 Mirex

R.T.: 7.851 min
Delta R.T.: -0.003 min
Response: 104226089
Conc: 53.28 ng/ml



#22 Mirex

R.T.: 6.859 min
Delta R.T.: -0.006 min
Response: 118358311
Conc: 51.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.739 min
Delta R.T.: -0.002 min
Response: 48506311
Conc: 25.41 ng/ml

Instrument :

ECD_L

ClientSampleId :

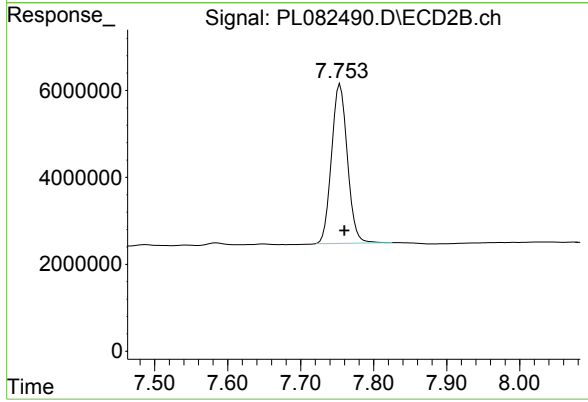
PB152546BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.754 min
Delta R.T.: -0.006 min
Response: 55325766
Conc: 24.24 ng/ml