

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030723\
 Data File : PL081299.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2023 16:01
 Operator : AR\AJ
 Sample : PB151271BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB151271BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/08/2023
 Supervised By : Ankita Jodhani 03/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 19:43:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.335	2.664	55832475	49072105	25.842	24.247
28)	SA Decachlor...	8.763	7.790	42589352	49502775	27.936	25.843
Target Compounds							
2)	A alpha-BHC	3.785	3.165	168.3E6	142.2E6	52.910	48.531
3)	MA gamma-BHC...	4.114	3.494	156.9E6	135.3E6	53.035	49.171
4)	MA Heptachlor	4.694	3.828	148.1E6	136.3E6	53.687	49.403
5)	MB Aldrin	5.031	4.106	139.4E6	129.7E6	54.799	49.459
6)	B beta-BHC	4.316	3.793	68638669	57015438	49.865	49.125
7)	B delta-BHC	4.558	4.021	148.7E6	126.9E6	53.496	49.822
8)	B Heptachlo...	5.458	4.608	124.8E6	122.1E6	52.862	50.493
9)	A Endosulfan I	5.838	4.976	115.5E6	114.0E6	54.659	50.342
10)	B gamma-Chl...	5.712	4.857	127.2E6	123.1E6	55.729	50.295
11)	B alpha-Chl...	5.790	4.921	124.3E6	122.4E6	55.178	49.992
12)	B 4,4'-DDE	5.968	5.112	110.3E6	106.6E6	56.392	54.305
13)	MA Dieldrin	6.113	5.241	116.5E6	114.9E6	55.665	50.989
14)	MA Endrin	6.340	5.515	96475436	98185560	53.082	48.857
15)	B Endosulfa...	6.562	5.812	94992411	95306158	54.484	51.692
16)	A 4,4'-DDD	6.484	5.667	94559452	92247217	61.427	60.131
17)	MA 4,4'-DDT	6.795	5.916	78708392	77516915	49.586	48.318
18)	B Endrin al...	6.690	5.993	75178386	76122955	52.523m	50.245
19)	B Endosulfa...	6.927	6.216	97310188	98414593	54.197	51.203
20)	A Methoxychlor	7.276	6.496	42372333	43608449	49.192	46.987
21)	B Endrin ke...	7.406	6.722	101.5E6	107.8E6	55.961	50.088
22)	Mirex	7.871	6.894	77716329	92157567	53.263	47.883

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030723\
Data File : PL081299.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2023 16:01
Operator : AR\AJ
Sample : PB151271BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

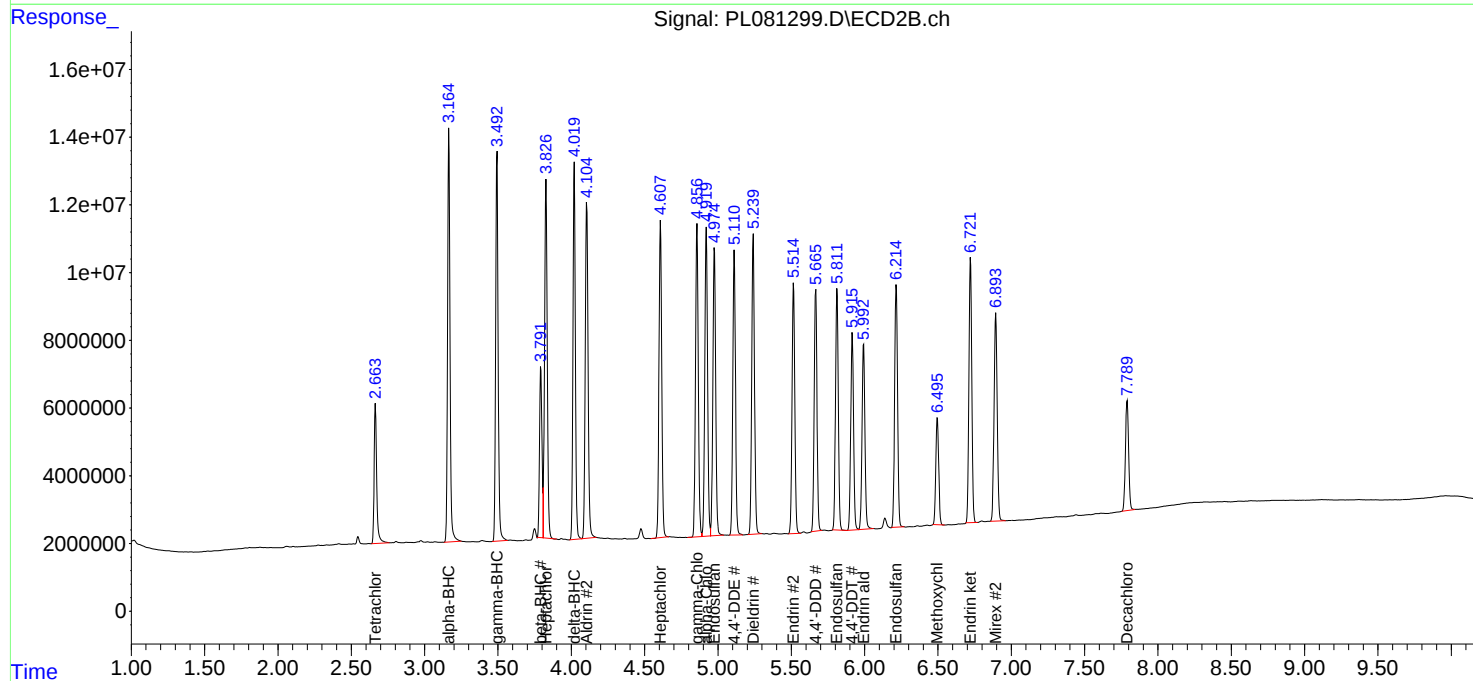
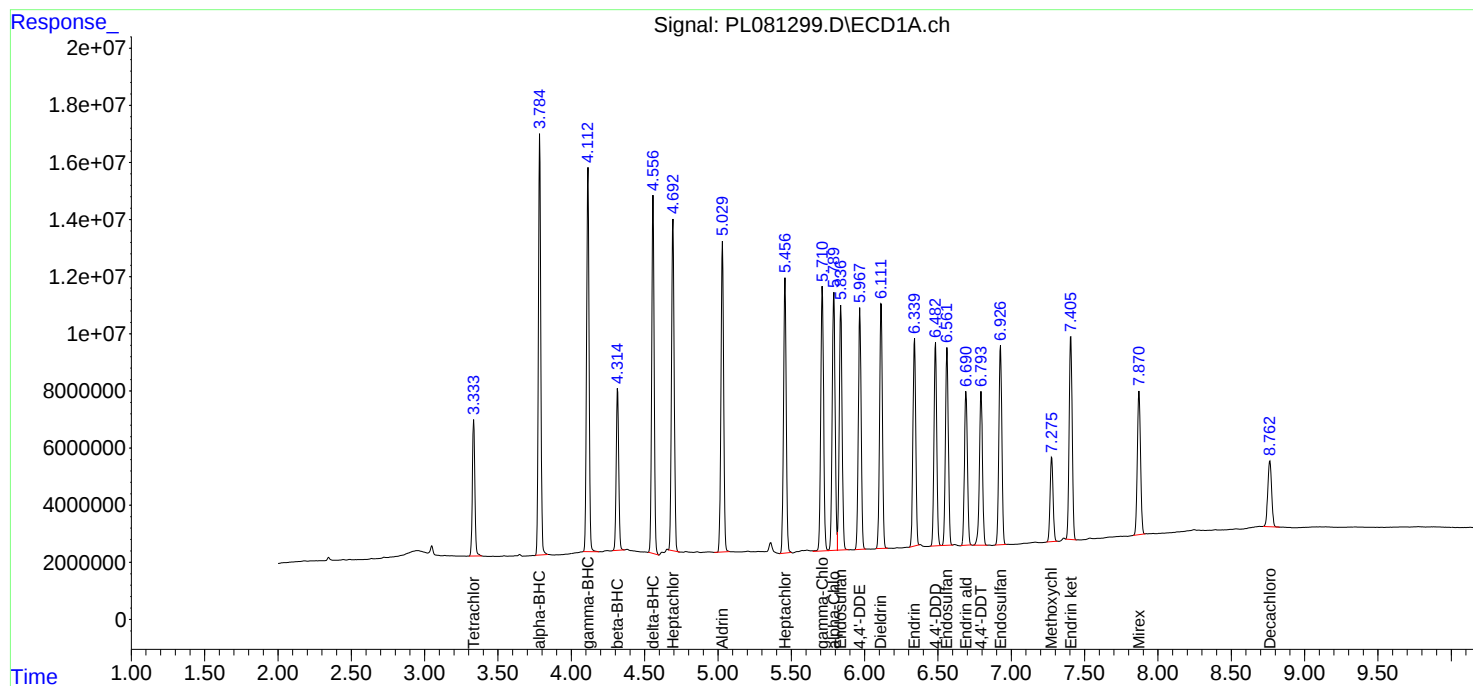
Instrument :
ECD_L
ClientSampleId :
PB151271BS

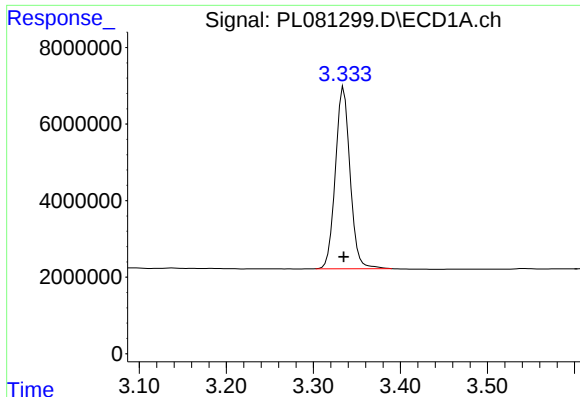
Manual Integrations
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Reviewed By :Abdul Mirza 03/08/2023
Supervised By :Ankita Jodhani 03/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 19:43:17 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 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





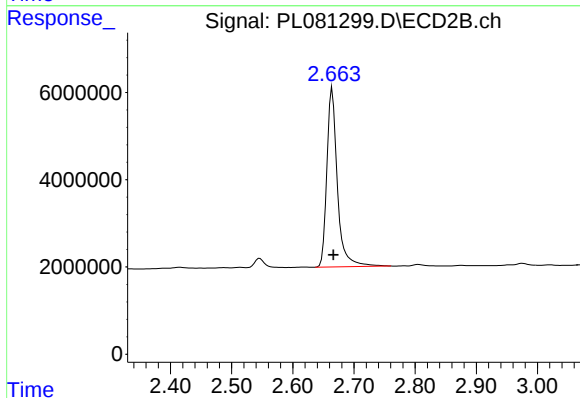
#1 Tetrachloro-m-xylene

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 55832475
Conc: 25.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151271BS

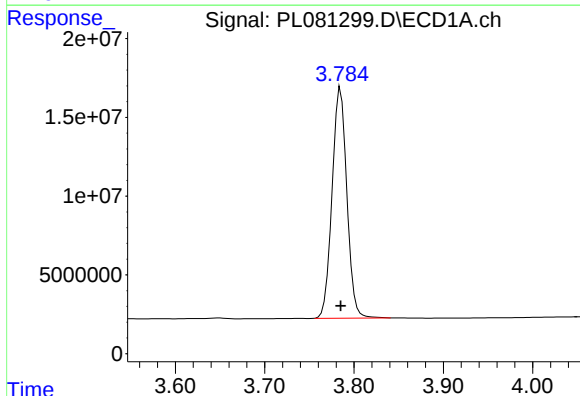
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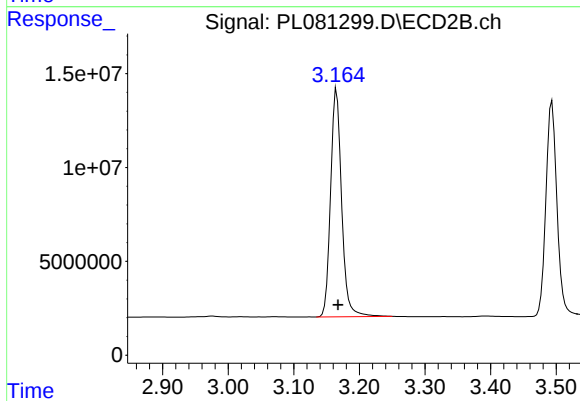
#1 Tetrachloro-m-xylene

R.T.: 2.664 min
Delta R.T.: -0.002 min
Response: 49072105
Conc: 24.25 ng/ml



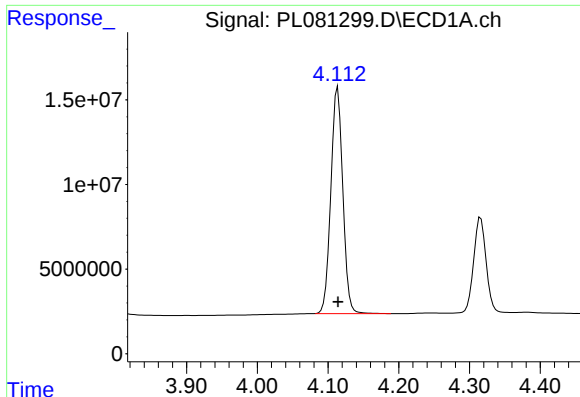
#2 alpha-BHC

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 168320726
Conc: 52.91 ng/ml



#2 alpha-BHC

R.T.: 3.165 min
Delta R.T.: -0.002 min
Response: 142225995
Conc: 48.53 ng/ml



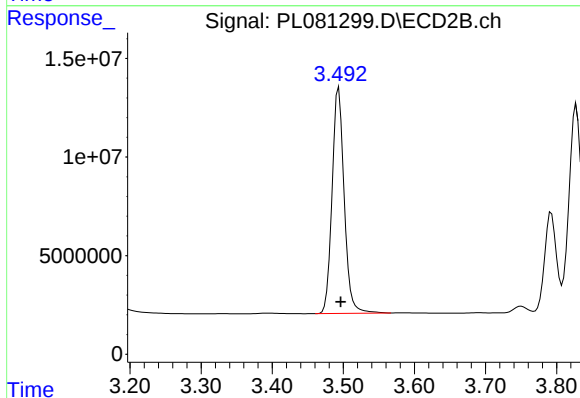
#3 gamma-BHC (Lindane)

R.T.: 4.114 min
Delta R.T.: 0.000 min
Response: 156908608
Conc: 53.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151271BS

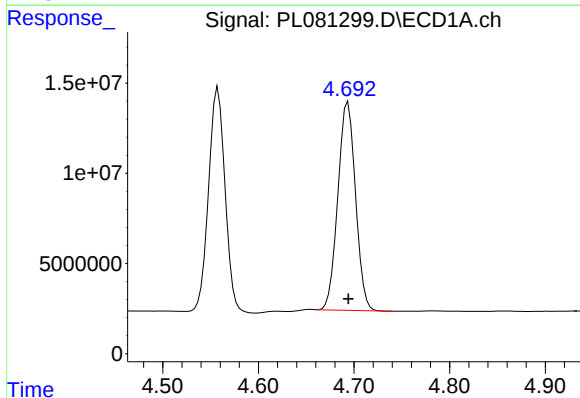
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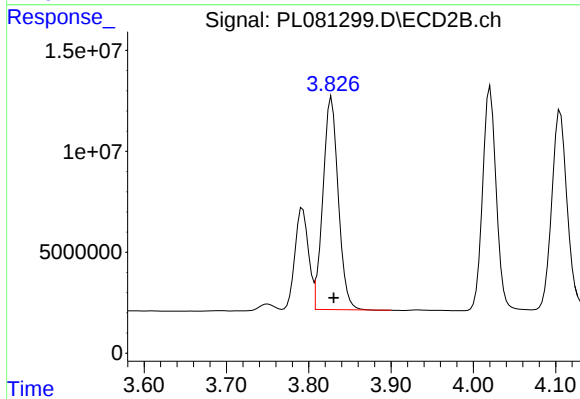
#3 gamma-BHC (Lindane)

R.T.: 3.494 min
Delta R.T.: -0.003 min
Response: 135271806
Conc: 49.17 ng/ml



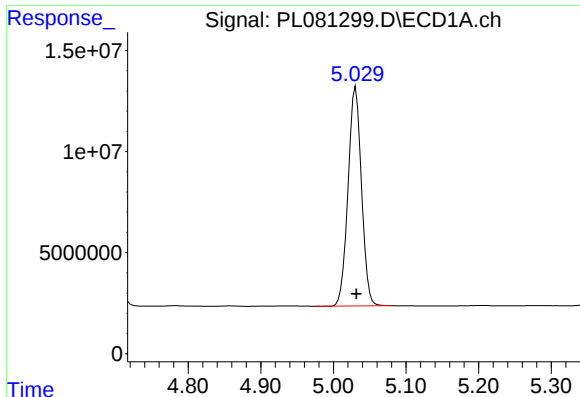
#4 Heptachlor

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 148143569
Conc: 53.69 ng/ml



#4 Heptachlor

R.T.: 3.828 min
Delta R.T.: -0.003 min
Response: 136328252
Conc: 49.40 ng/ml



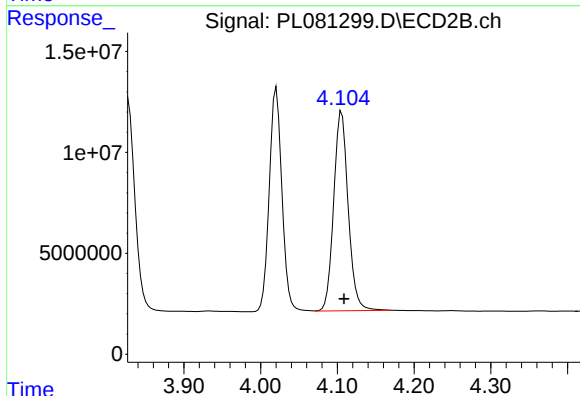
#5 Aldrin

R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 139415732
Conc: 54.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151271BS

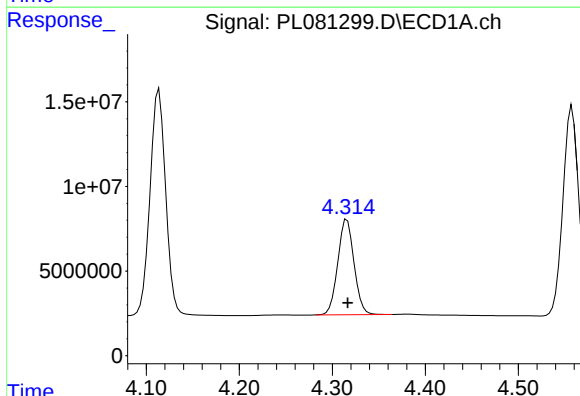
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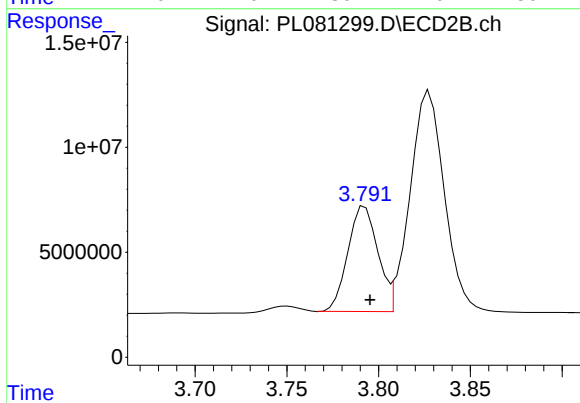
#5 Aldrin

R.T.: 4.106 min
Delta R.T.: -0.003 min
Response: 129669070
Conc: 49.46 ng/ml



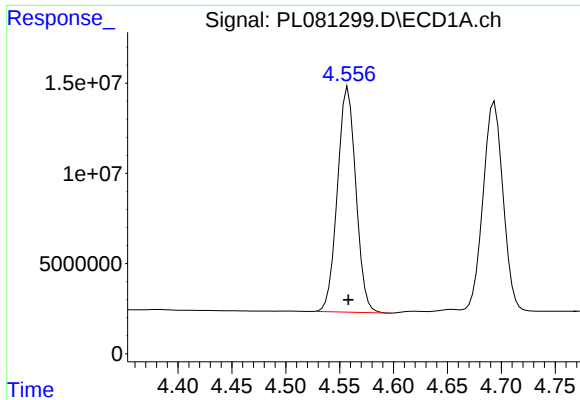
#6 beta-BHC

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 68638669
Conc: 49.87 ng/ml



#6 beta-BHC

R.T.: 3.793 min
Delta R.T.: -0.003 min
Response: 57015438
Conc: 49.12 ng/ml



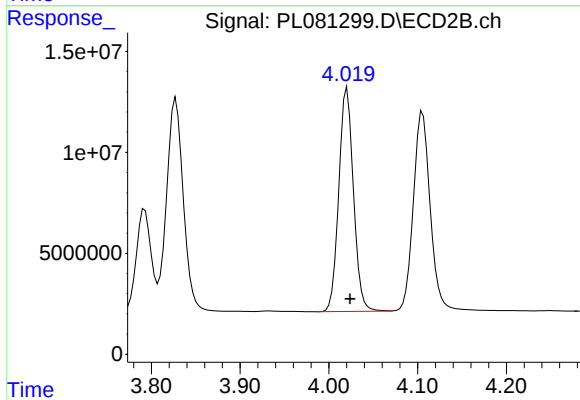
#7 delta-BHC

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 148676466
Conc: 53.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151271BS

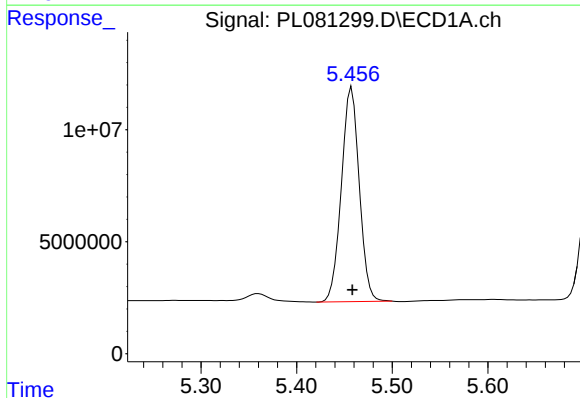
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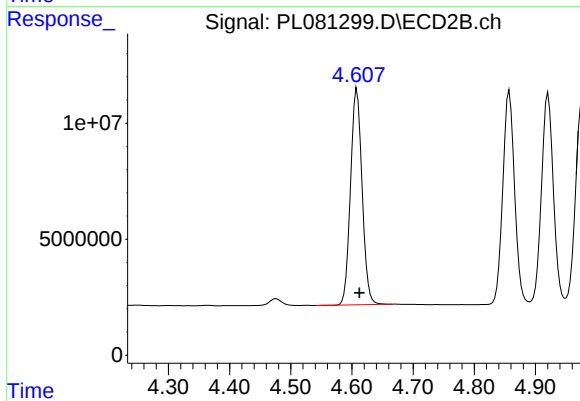
#7 delta-BHC

R.T.: 4.021 min
Delta R.T.: -0.003 min
Response: 126879662
Conc: 49.82 ng/ml



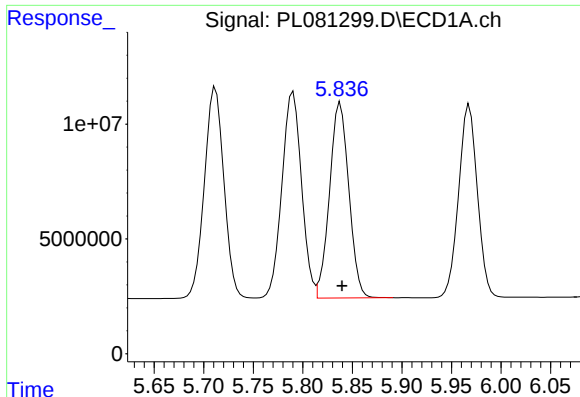
#8 Heptachlor epoxide

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 124755279
Conc: 52.86 ng/ml



#8 Heptachlor epoxide

R.T.: 4.608 min
Delta R.T.: -0.004 min
Response: 122096852
Conc: 50.49 ng/ml



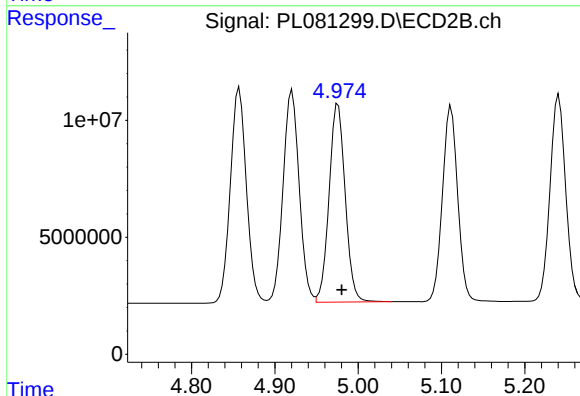
#9 Endosulfan I

R.T.: 5.838 min
Delta R.T.: -0.002 min
Response: 115479943
Conc: 54.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151271BS

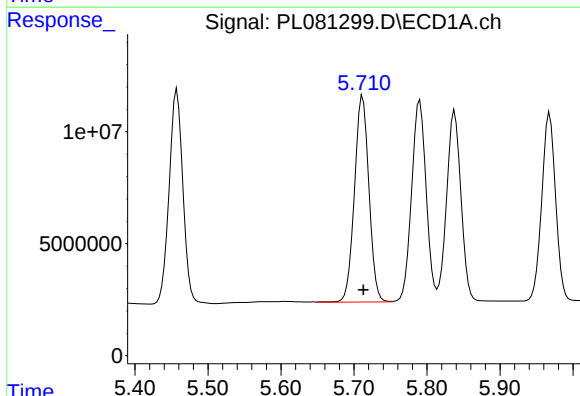
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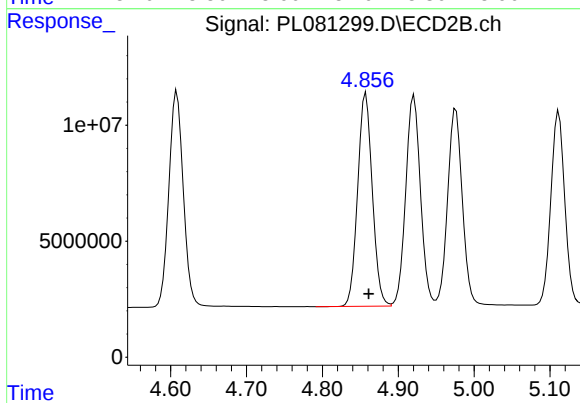
#9 Endosulfan I

R.T.: 4.976 min
Delta R.T.: -0.004 min
Response: 113958337
Conc: 50.34 ng/ml



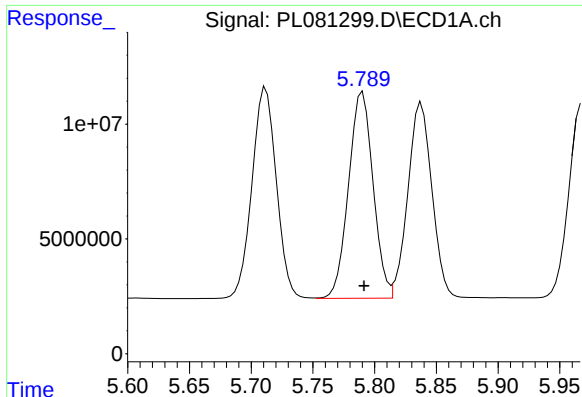
#10 gamma-Chlordane

R.T.: 5.712 min
Delta R.T.: -0.001 min
Response: 127169370
Conc: 55.73 ng/ml



#10 gamma-Chlordane

R.T.: 4.857 min
Delta R.T.: -0.004 min
Response: 123110800
Conc: 50.30 ng/ml



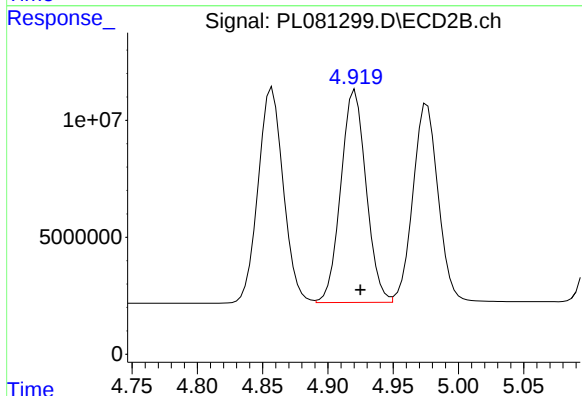
#11 alpha-Chlordane

R.T.: 5.790 min
Delta R.T.: -0.001 min
Response: 124312024
Conc: 55.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151271BS

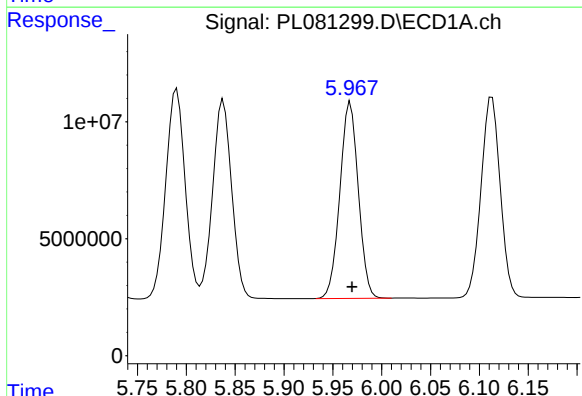
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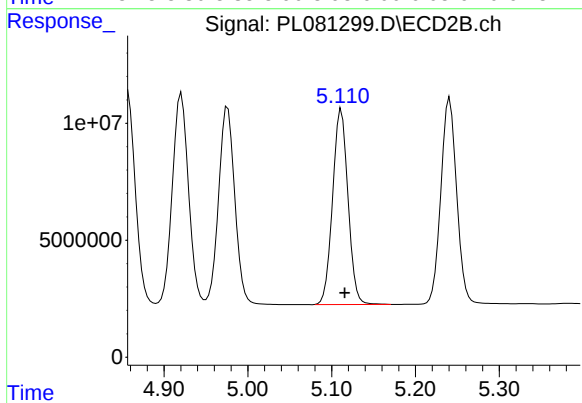
#11 alpha-Chlordane

R.T.: 4.921 min
Delta R.T.: -0.004 min
Response: 122407003
Conc: 49.99 ng/ml



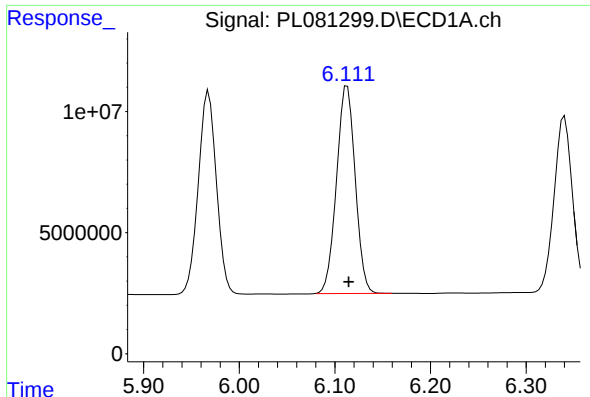
#12 4,4'-DDE

R.T.: 5.968 min
Delta R.T.: -0.002 min
Response: 110336978
Conc: 56.39 ng/ml



#12 4,4'-DDE

R.T.: 5.112 min
Delta R.T.: -0.004 min
Response: 106593052
Conc: 54.31 ng/ml



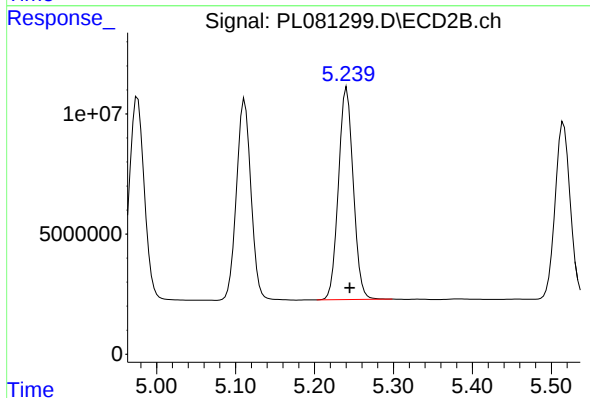
#13 Dieldrin

R.T.: 6.113 min
Delta R.T.: -0.001 min
Response: 116506656
Conc: 55.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151271BS

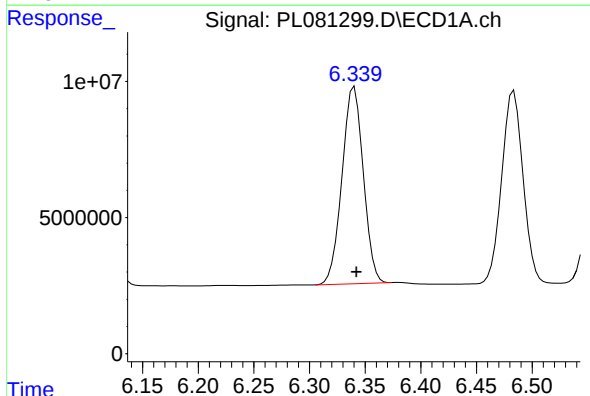
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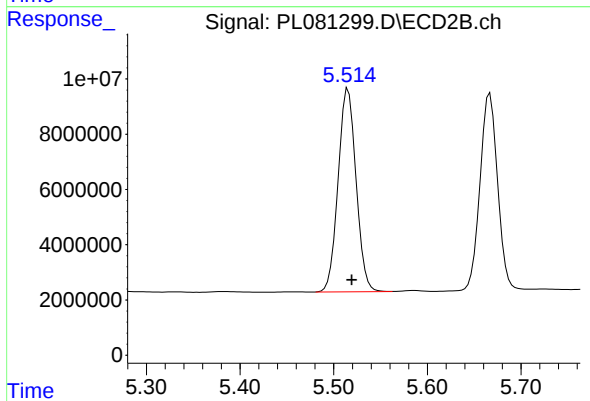
#13 Dieldrin

R.T.: 5.241 min
Delta R.T.: -0.004 min
Response: 114946521
Conc: 50.99 ng/ml



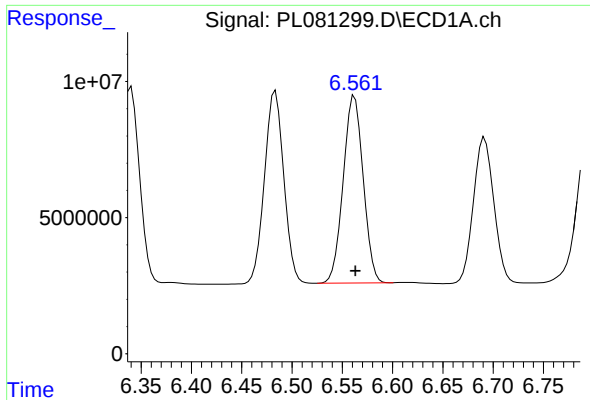
#14 Endrin

R.T.: 6.340 min
Delta R.T.: -0.002 min
Response: 96475436
Conc: 53.08 ng/ml



#14 Endrin

R.T.: 5.515 min
Delta R.T.: -0.004 min
Response: 98185560
Conc: 48.86 ng/ml



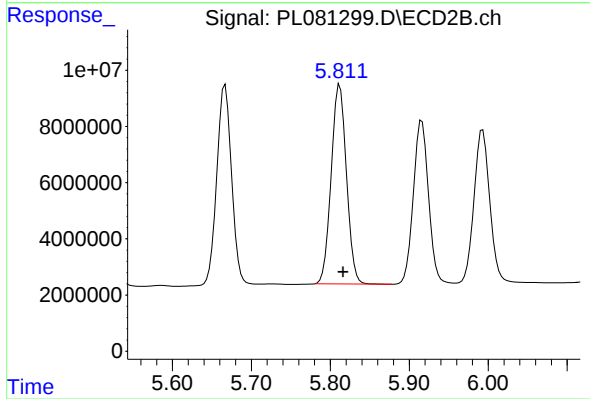
#15 Endosulfan II

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 94992411
Conc: 54.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151271BS

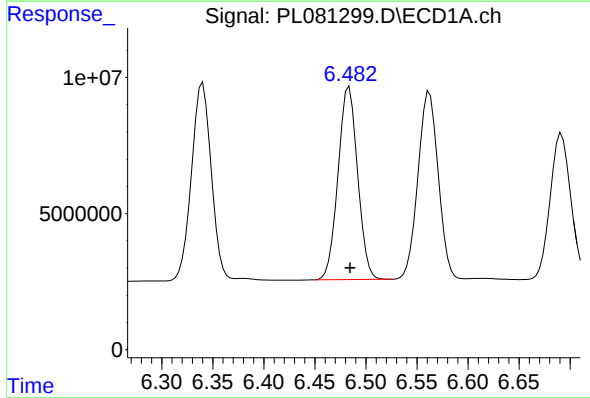
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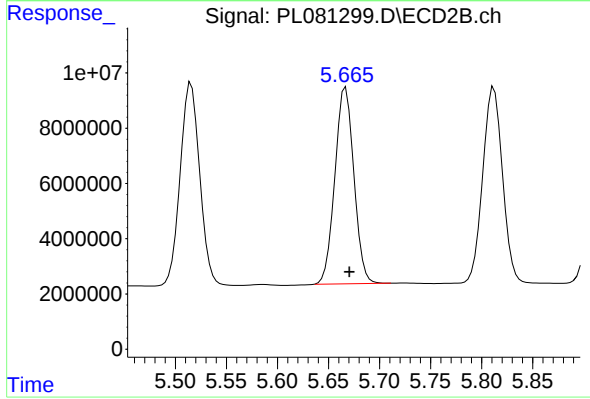
#15 Endosulfan II

R.T.: 5.812 min
Delta R.T.: -0.004 min
Response: 95306158
Conc: 51.69 ng/ml



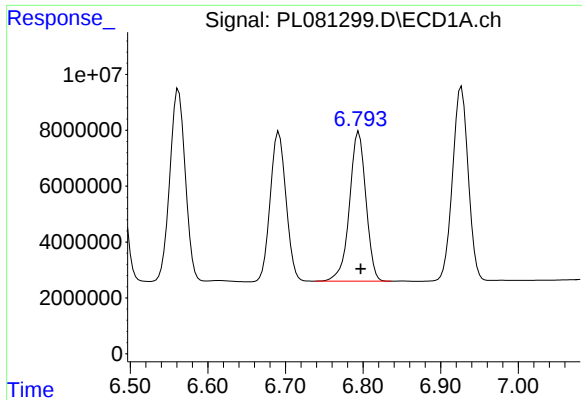
#16 4,4'-DDD

R.T.: 6.484 min
Delta R.T.: -0.001 min
Response: 94559452
Conc: 61.43 ng/ml



#16 4,4'-DDD

R.T.: 5.667 min
Delta R.T.: -0.004 min
Response: 92247217
Conc: 60.13 ng/ml



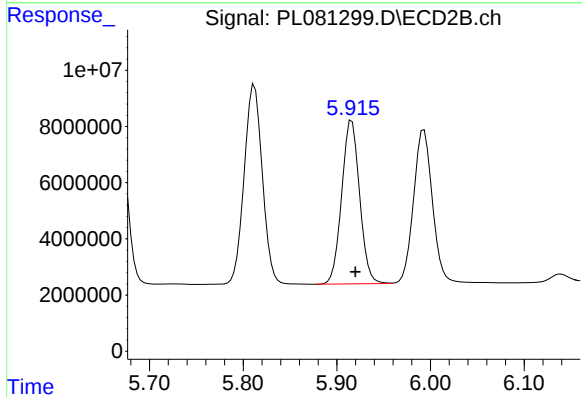
#17 4,4'-DDT

R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 78708392
Conc: 49.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151271BS

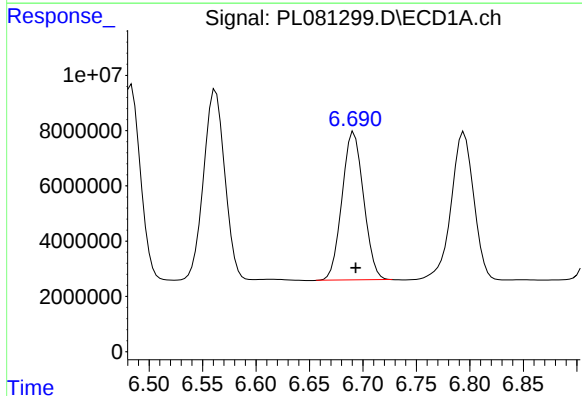
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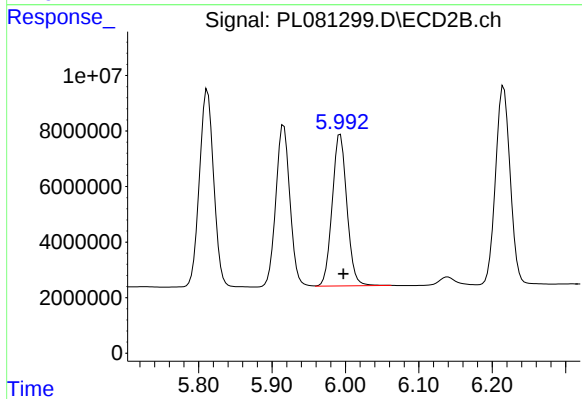
#17 4,4'-DDT

R.T.: 5.916 min
Delta R.T.: -0.004 min
Response: 77516915
Conc: 48.32 ng/ml



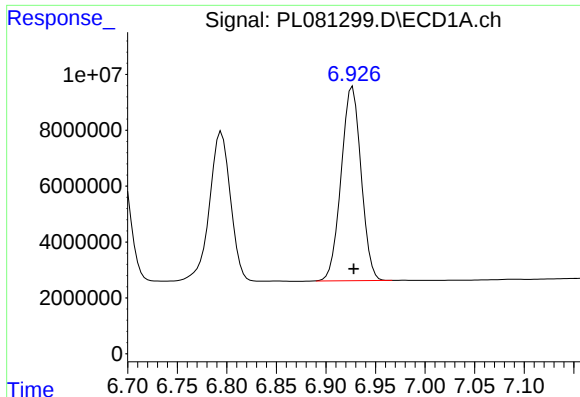
#18 Endrin aldehyde

R.T.: 6.690 min
Delta R.T.: -0.003 min
Response: 75178386
Conc: 52.52 ng/ml m



#18 Endrin aldehyde

R.T.: 5.993 min
Delta R.T.: -0.004 min
Response: 76122955
Conc: 50.24 ng/ml



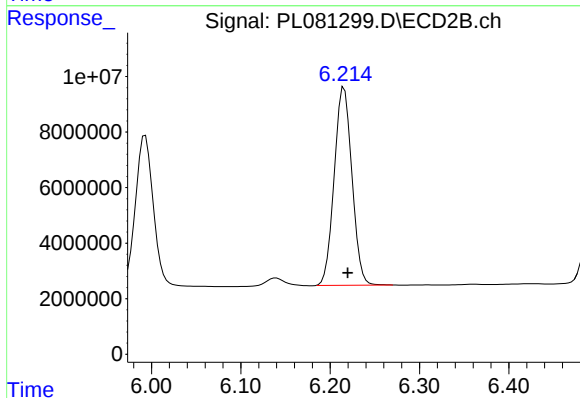
#19 Endosulfan Sulfate

R.T.: 6.927 min
Delta R.T.: -0.001 min
Response: 97310188
Conc: 54.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151271BS

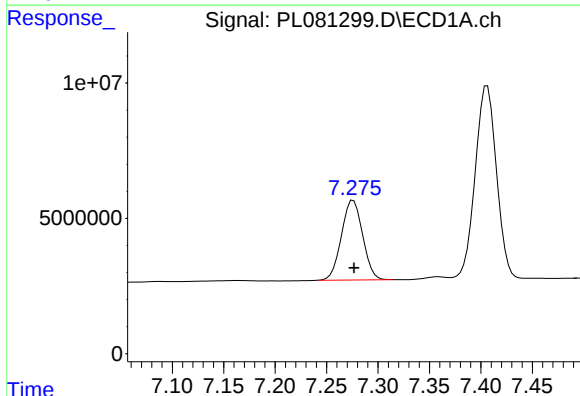
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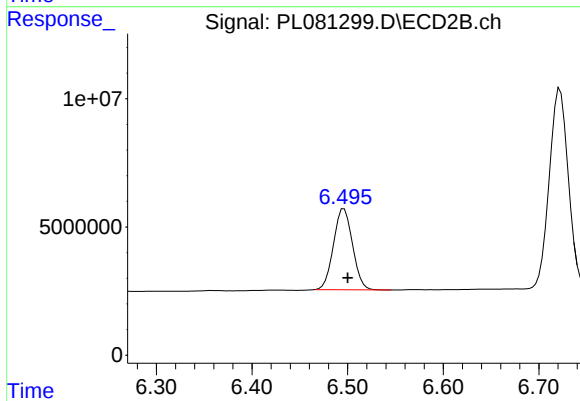
#19 Endosulfan Sulfate

R.T.: 6.216 min
Delta R.T.: -0.004 min
Response: 98414593
Conc: 51.20 ng/ml



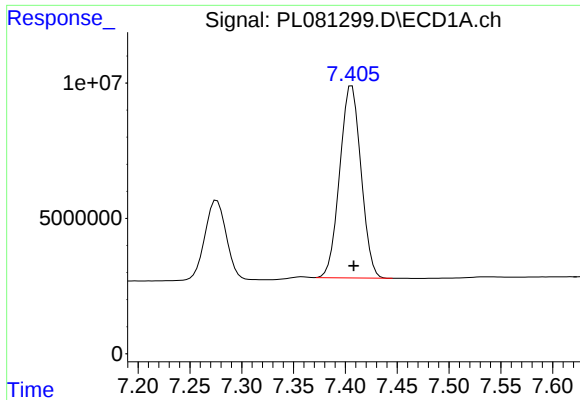
#20 Methoxychlor

R.T.: 7.276 min
Delta R.T.: 0.000 min
Response: 42372333
Conc: 49.19 ng/ml



#20 Methoxychlor

R.T.: 6.496 min
Delta R.T.: -0.004 min
Response: 43608449
Conc: 46.99 ng/ml



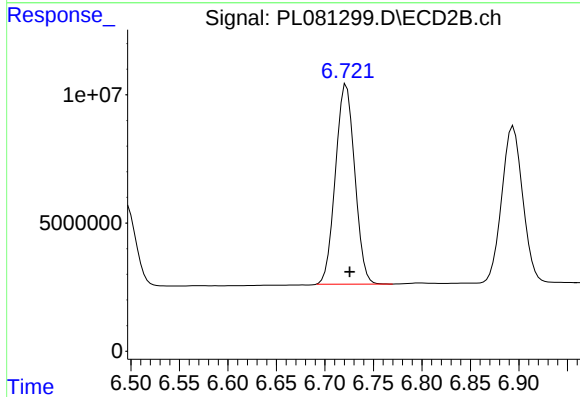
#21 Endrin ketone

R.T.: 7.406 min
Delta R.T.: -0.002 min
Response: 101513356
Conc: 55.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151271BS

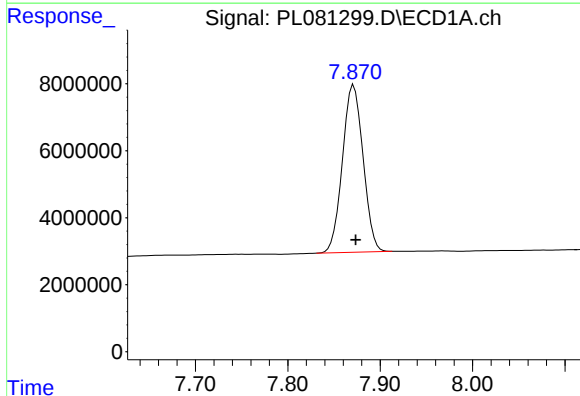
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/08/2023
Supervised By :Ankita Jodhani 03/08/2023



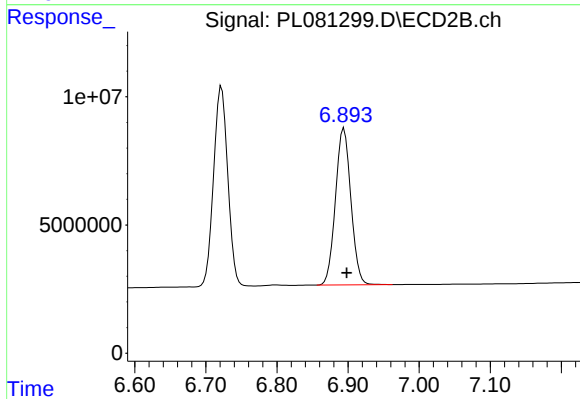
#21 Endrin ketone

R.T.: 6.722 min
Delta R.T.: -0.003 min
Response: 107843685
Conc: 50.09 ng/ml



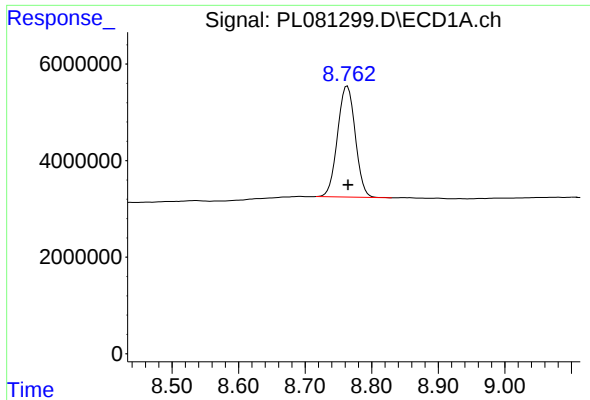
#22 Mirex

R.T.: 7.871 min
Delta R.T.: -0.002 min
Response: 77716329
Conc: 53.26 ng/ml



#22 Mirex

R.T.: 6.894 min
Delta R.T.: -0.004 min
Response: 92157567
Conc: 47.88 ng/ml



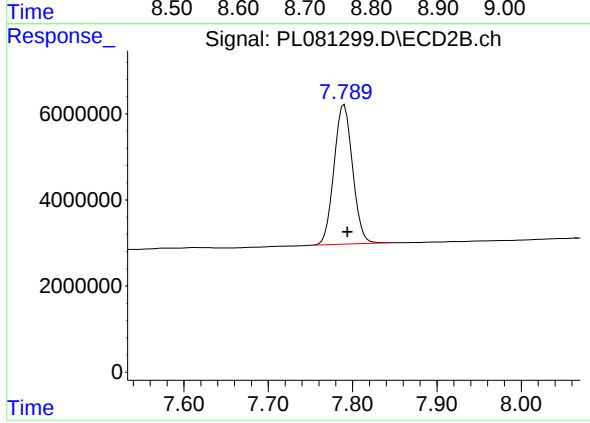
#28 Decachlorobiphenyl

R.T.: 8.763 min
Delta R.T.: 0.000 min
Response: 42589352
Conc: 27.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151271BS

Manual Integrations
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Supervised By :Ankita Jodhani 03/08/2023



#28 Decachlorobiphenyl

R.T.: 7.790 min
Delta R.T.: -0.004 min
Response: 49502775
Conc: 25.84 ng/ml