

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050124\
 Data File : PL089306.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2024 15:29
 Operator : AR\AJ
 Sample : P2322-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 DEMAREST-MSMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/02/2024
 Supervised By : mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 22:41:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 2024
 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...	3.551	2.797	41035521	25325595	20.378	19.739
28)	SA Decachlor...	9.066	7.949	24030331	21552383	17.177	16.022
Target Compounds							
2)	A alpha-BHC	4.006	3.302	134.4E6	94250848	47.111	49.950
3)	MA gamma-BHC...	4.339	3.633	126.7E6	89639643	45.500	48.578
4)	MA Heptachlor	4.929	3.975	113.0E6	83760522	45.551	47.800
5)	MB Aldrin	5.271	4.257	115.5E6	84699794	44.968	47.912
6)	B beta-BHC	4.533	3.930	58457964	40525614	46.338	49.636
7)	B delta-BHC	4.781	4.162	117.6E6	86570124	44.336	48.116
8)	B Heptachlo...	5.696	4.760	105.9E6	77780697	45.157	48.109
9)	A Endosulfan I	6.082	5.130	96956057	71106492	45.100	47.477
10)	B gamma-Chl...	5.952	5.010	106.3E6	81317326	46.483	49.555
11)	B alpha-Chl...	6.031	5.074	105.8E6	79775886	46.507	48.373
12)	B 4,4'-DDE	6.204	5.263	92320106	71639804	45.627	49.272
13)	MA Dieldrin	6.357	5.395	99558491	77713113	44.476	48.308
14)	MA Endrin	6.586	5.670	83335545	68815251	43.992	47.866
15)	B Endosulfa...	6.804	5.964	85231554	68310283	42.705	47.493
16)	A 4,4'-DDD	6.720	5.818	79814701	62409282	47.312	50.606
17)	MA 4,4'-DDT	7.032	6.069	75641875	59374371	41.133m	43.884
18)	B Endrin al...	6.934	6.143	63632102	47146271	42.077	42.386
19)	B Endosulfa...	7.168	6.366	78948917	61755280	43.646	44.519
20)	A Methoxychlor	7.508	6.644	39713586	33713454	40.384	42.164
21)	B Endrin ke...	7.653	6.873	90017433	73527002	44.972	45.983
22)	Mirex	8.128	7.056	65220423	57901524	41.967	42.443

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050124\
Data File : PL089306.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2024 15:29
Operator : AR\AJ
Sample : P2322-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

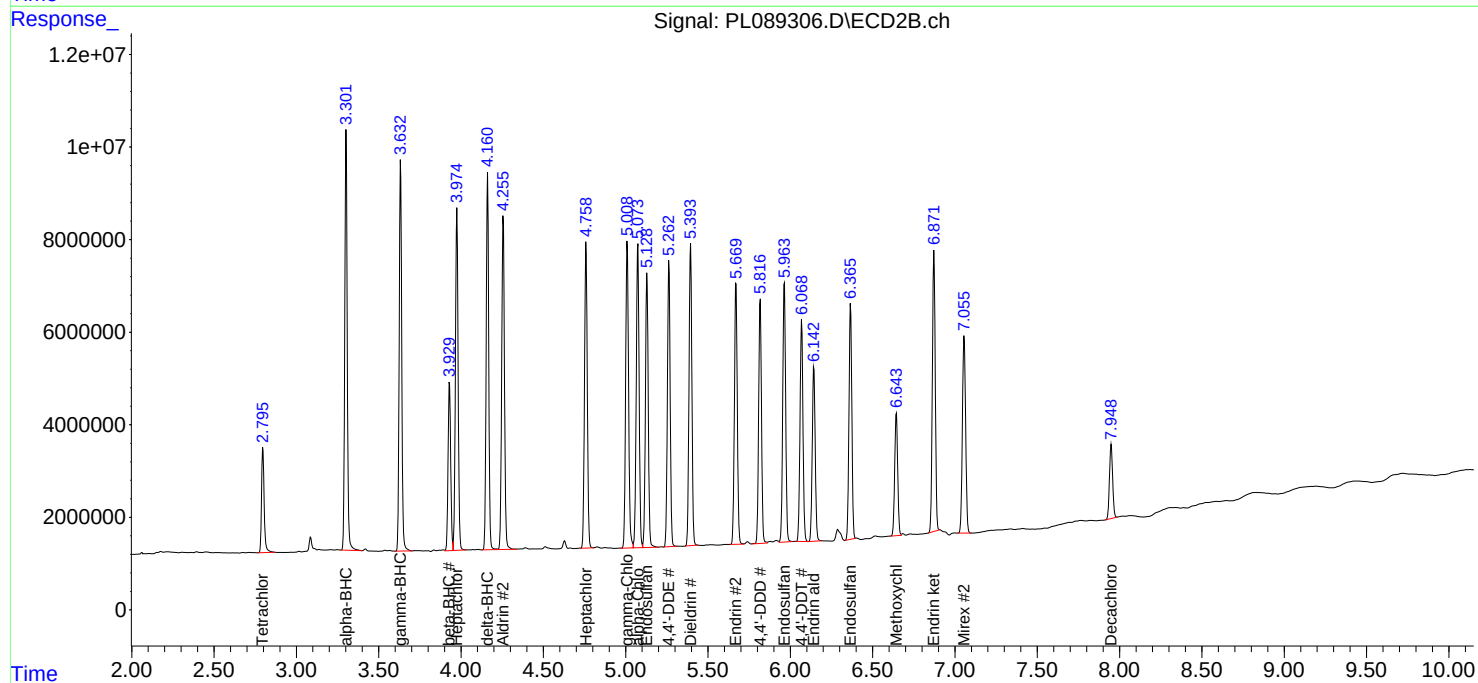
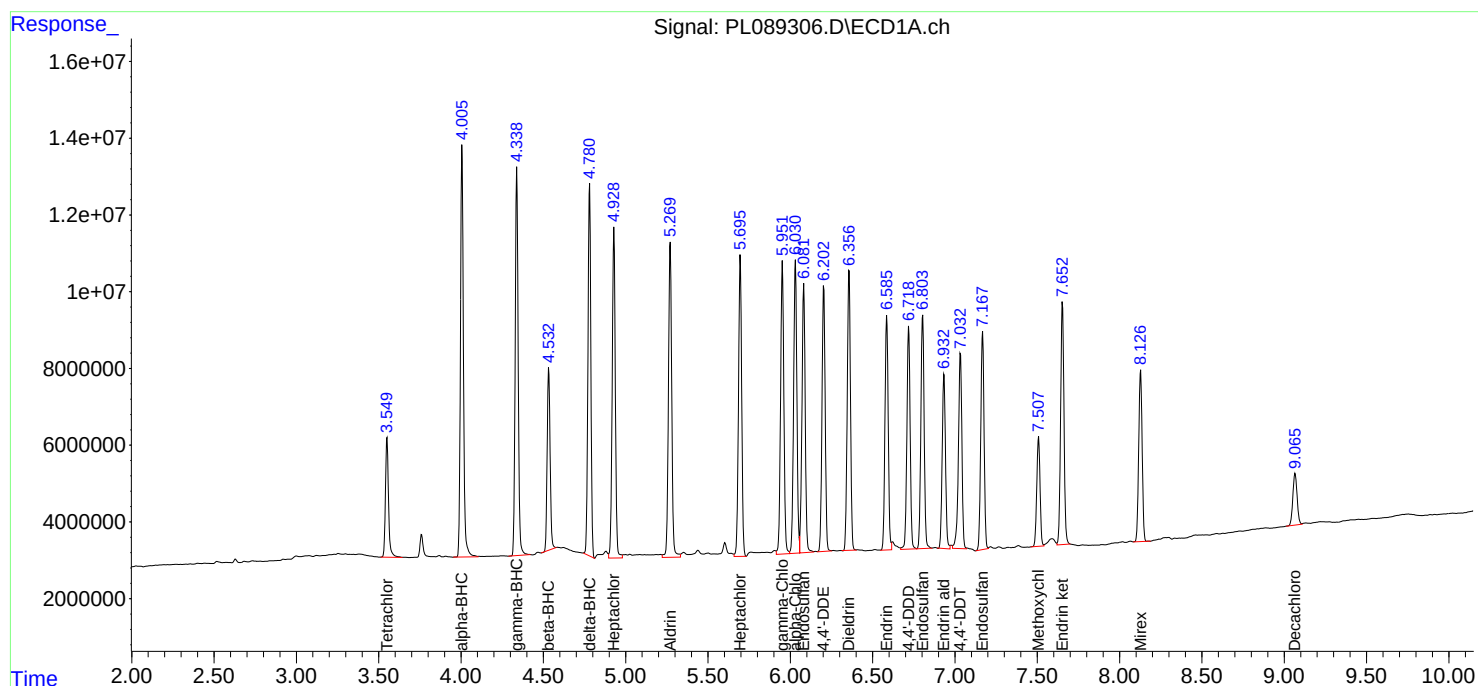
Instrument :
ECD_L
ClientSampleId :
DEMAREST-MSMSD

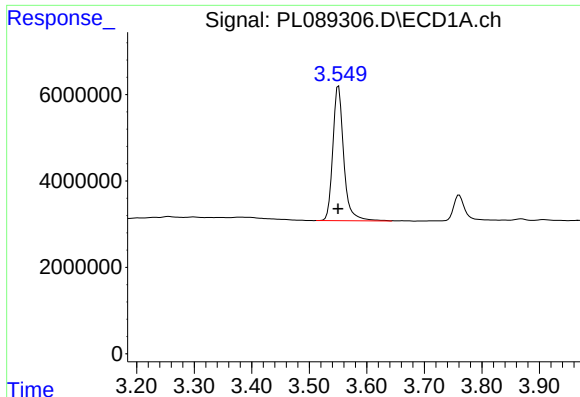
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/02/2024
Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 22:41:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 2024
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





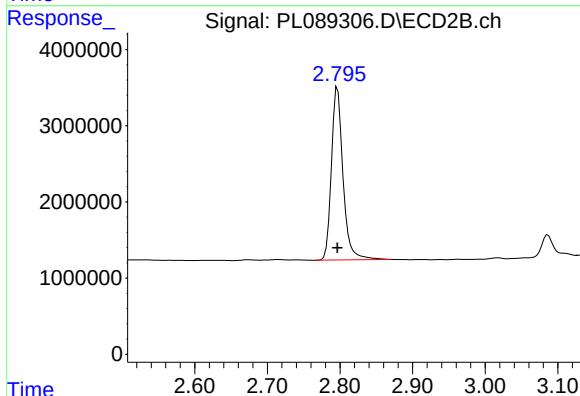
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 41035521
Conc: 20.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEMAREST-MSMSD

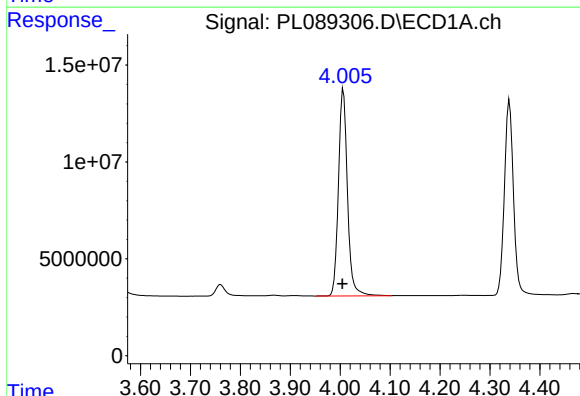
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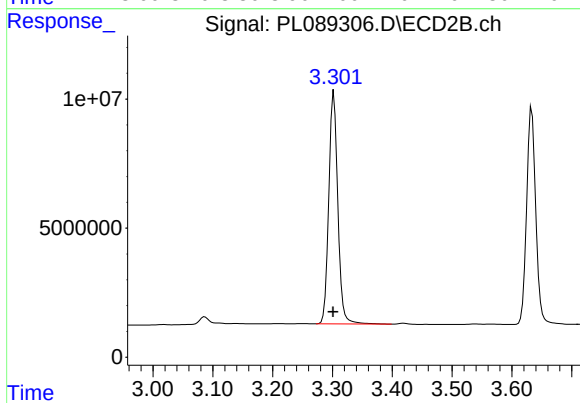
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 25325595
Conc: 19.74 ng/ml



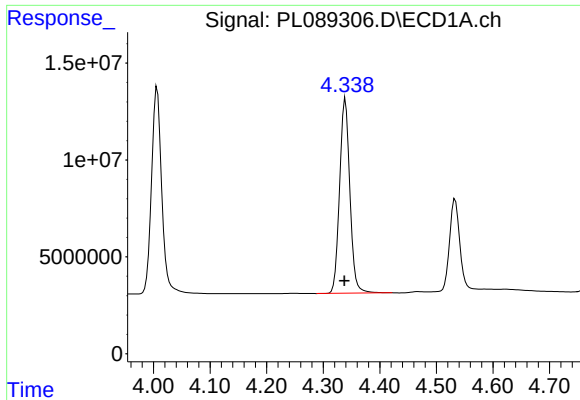
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.002 min
Response: 134350128
Conc: 47.11 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.001 min
Response: 94250848
Conc: 49.95 ng/ml



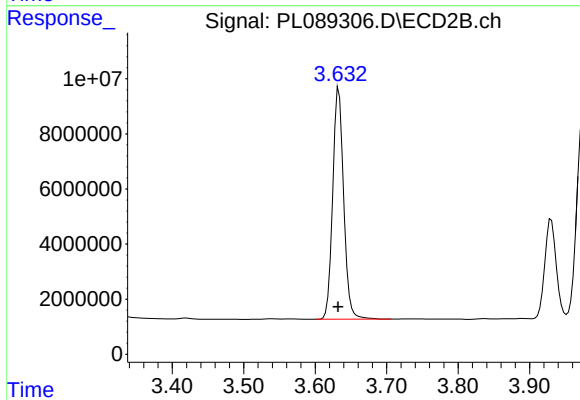
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.002 min
Response: 126668042
Conc: 45.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEMAREST-MSMSD

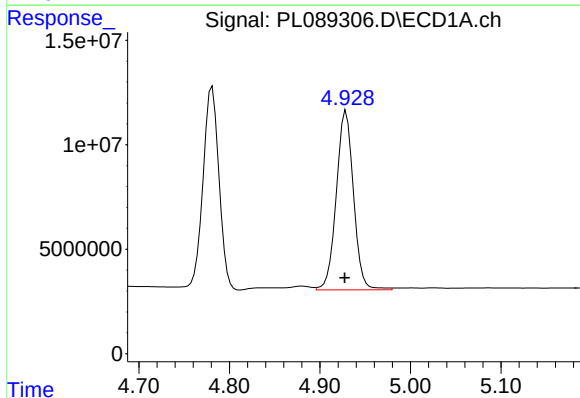
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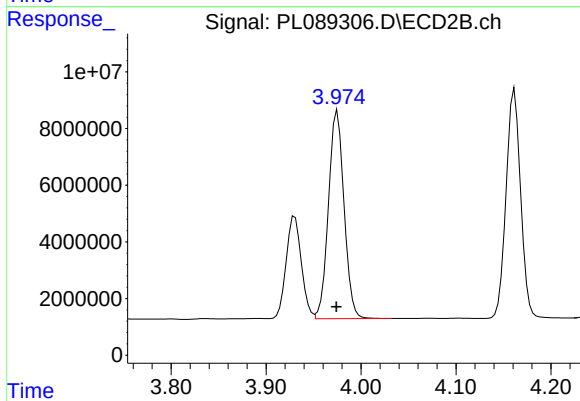
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.001 min
Response: 89639643
Conc: 48.58 ng/ml



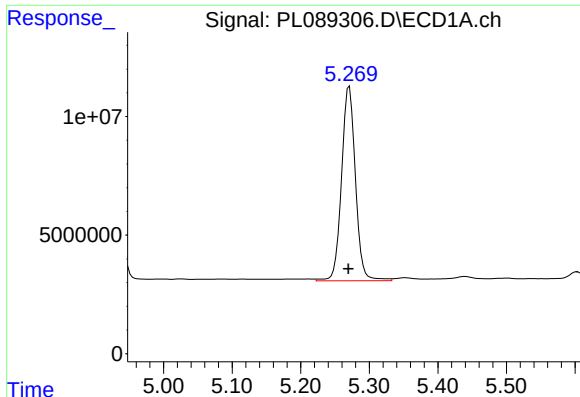
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.001 min
Response: 112970398
Conc: 45.55 ng/ml



#4 Heptachlor

R.T.: 3.975 min
Delta R.T.: 0.001 min
Response: 83760522
Conc: 47.80 ng/ml



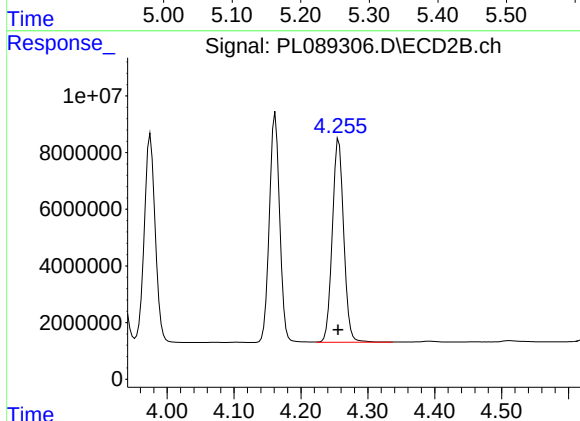
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.002 min
Response: 115489796
Conc: 44.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEMAREST-MSMSD

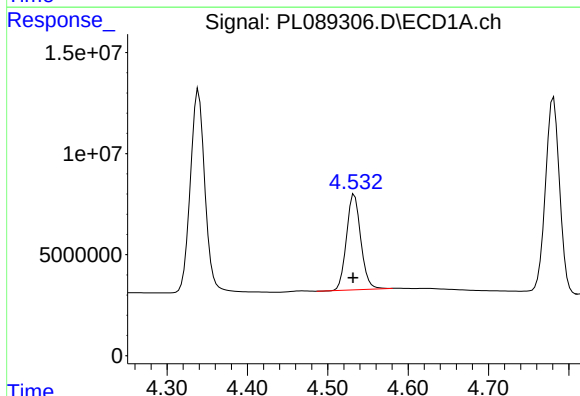
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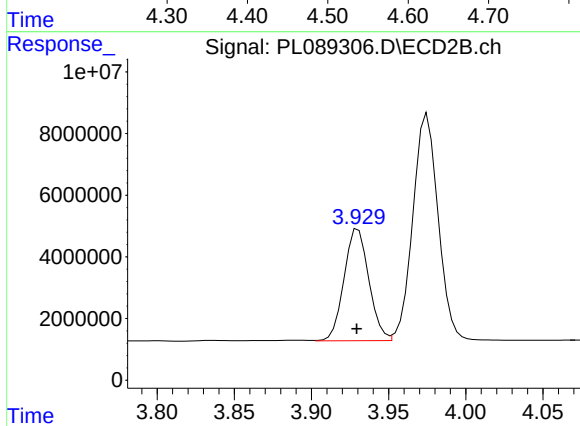
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 84699794
Conc: 47.91 ng/ml



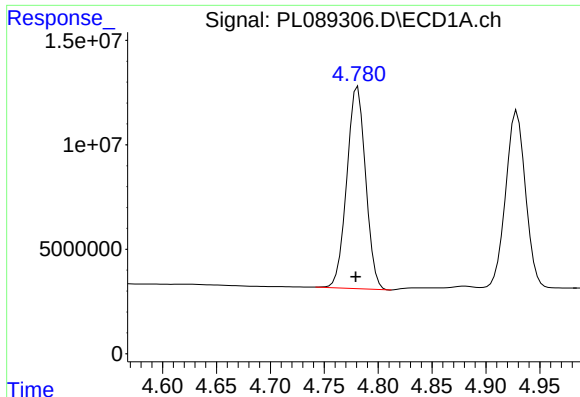
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.002 min
Response: 58457964
Conc: 46.34 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.001 min
Response: 40525614
Conc: 49.64 ng/ml



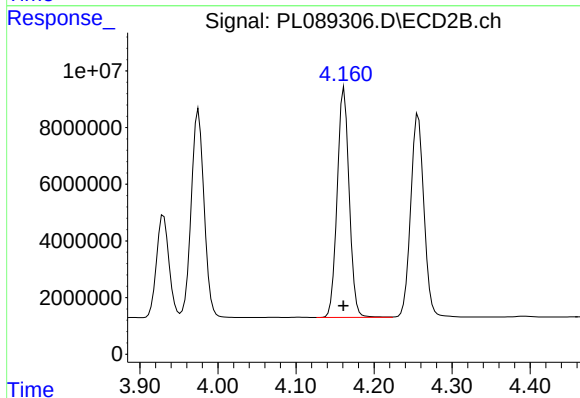
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.002 min
Response: 117580858
Conc: 44.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEMAREST-MSMSD

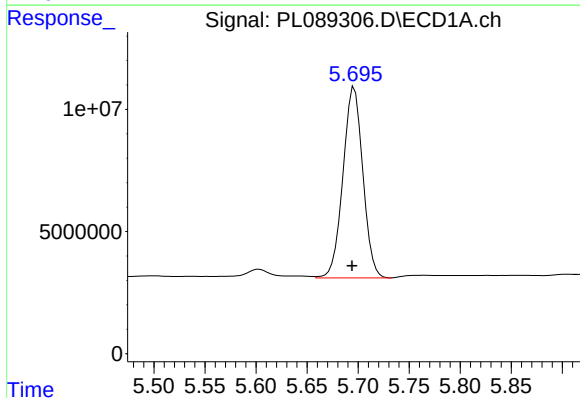
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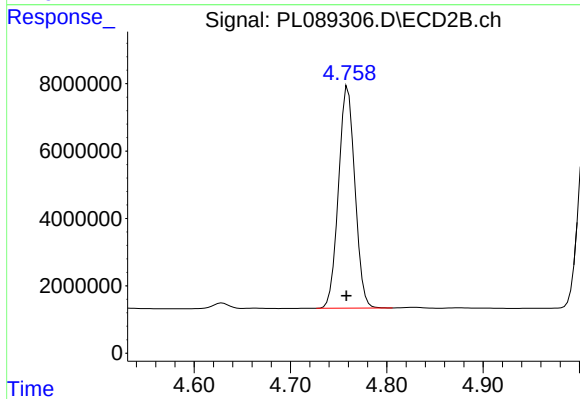
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.001 min
Response: 86570124
Conc: 48.12 ng/ml



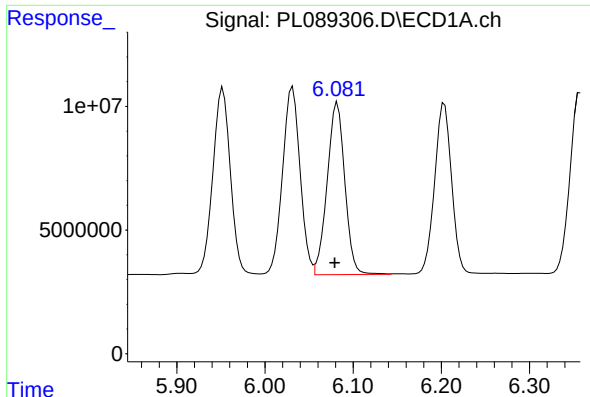
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.002 min
Response: 105913390
Conc: 45.16 ng/ml



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: 0.002 min
Response: 77780697
Conc: 48.11 ng/ml



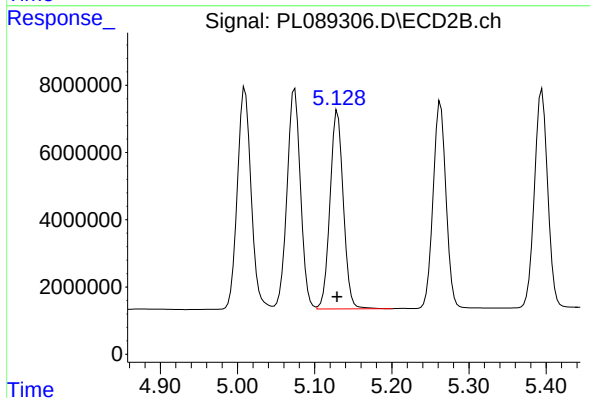
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.003 min
Response: 96956057
Conc: 45.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEMAREST-MSMSD

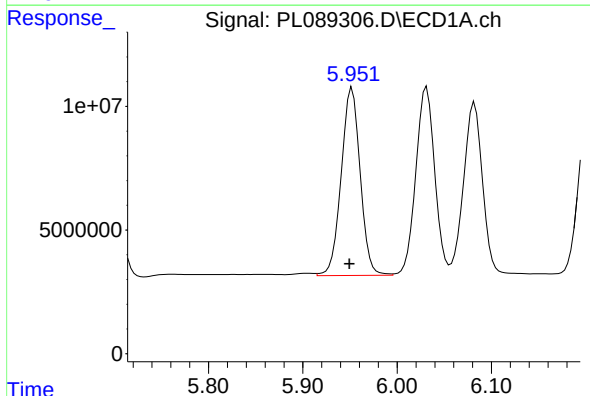
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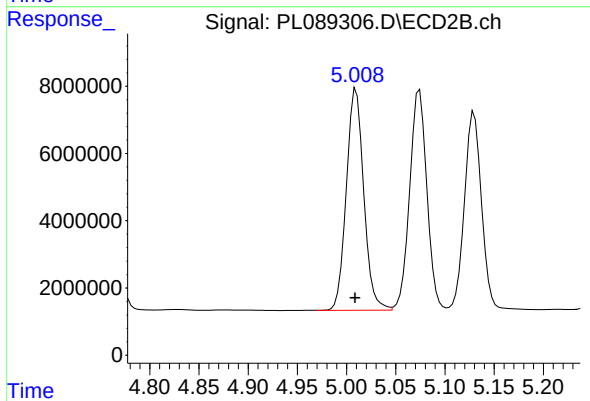
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 71106492
Conc: 47.48 ng/ml



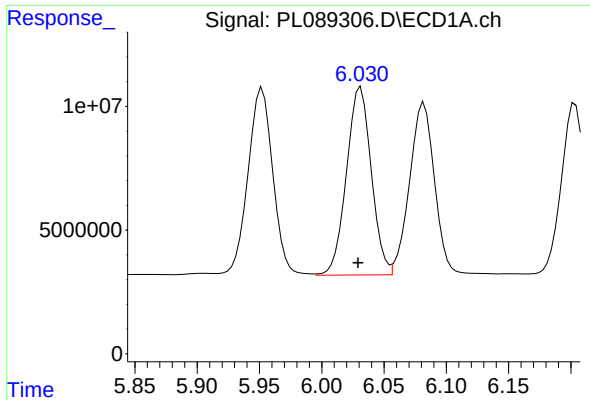
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.003 min
Response: 106256088
Conc: 46.48 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: 0.001 min
Response: 81317326
Conc: 49.56 ng/ml



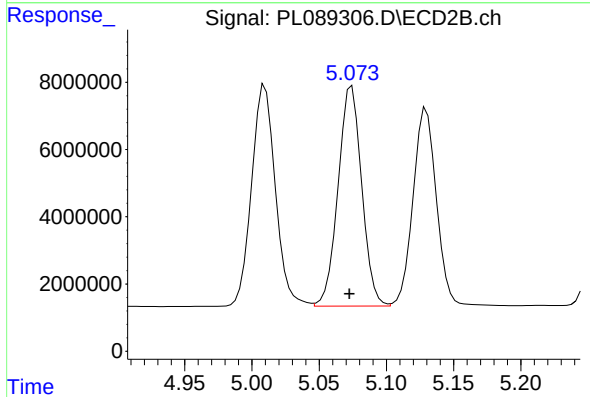
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 105791195
Conc: 46.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEMAREST-MSMSD

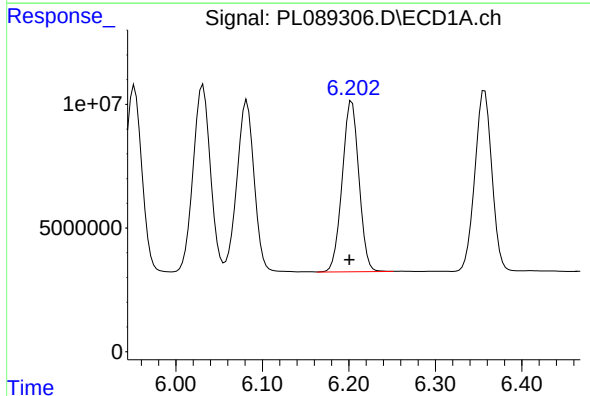
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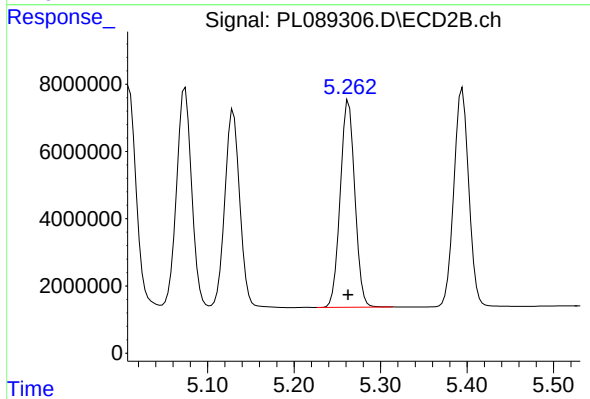
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: 0.002 min
Response: 79775886
Conc: 48.37 ng/ml



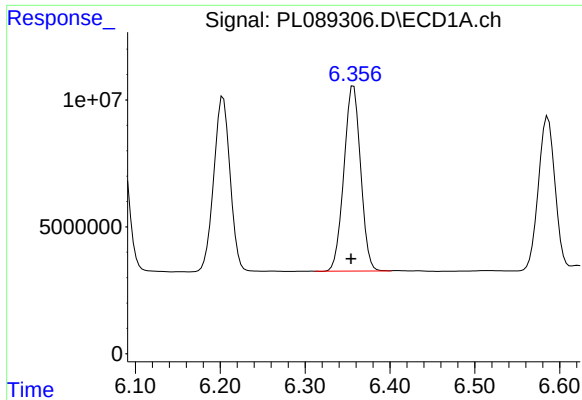
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.003 min
Response: 92320106
Conc: 45.63 ng/ml



#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 71639804
Conc: 49.27 ng/ml



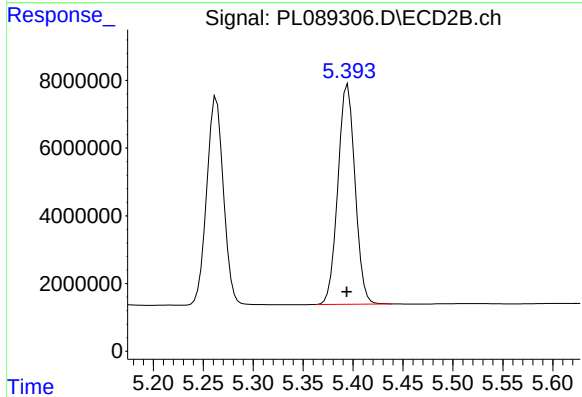
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: 0.003 min
Response: 99558491
Conc: 44.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEMAREST-MSMSD

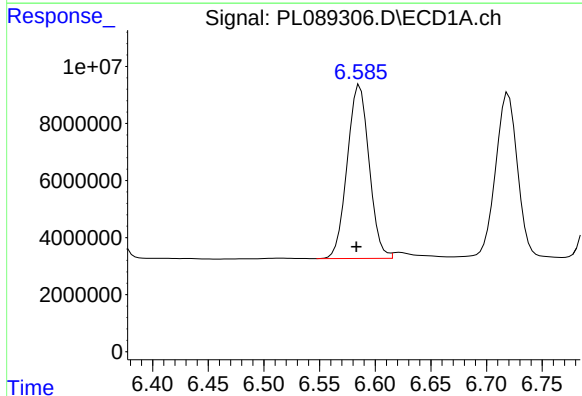
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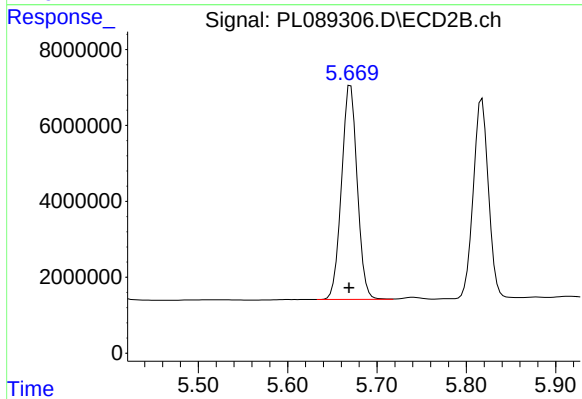
#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 77713113
Conc: 48.31 ng/ml



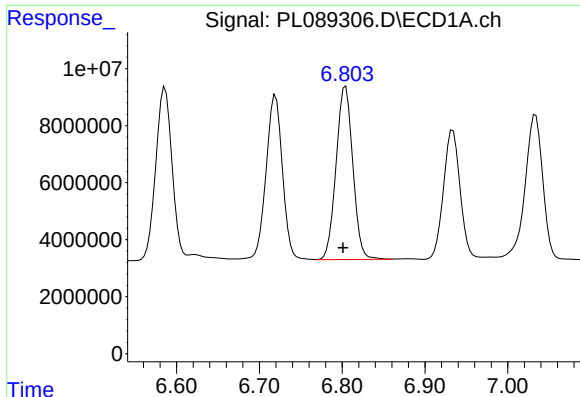
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 83335545
Conc: 43.99 ng/ml



#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.002 min
Response: 68815251
Conc: 47.87 ng/ml



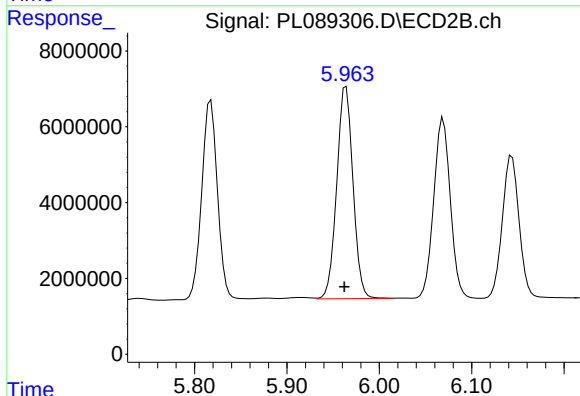
#15 Endosulfan II

R.T.: 6.804 min
Delta R.T.: 0.003 min
Response: 85231554
Conc: 42.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEMAREST-MSMSD

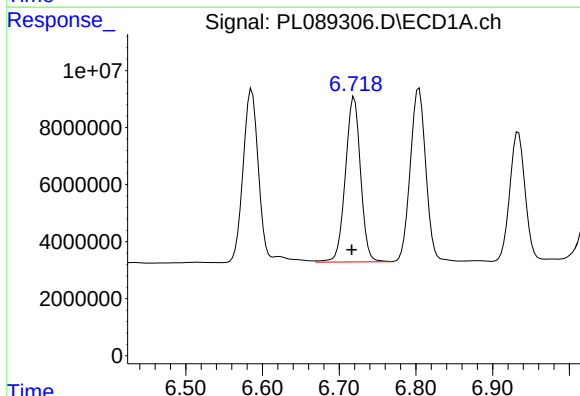
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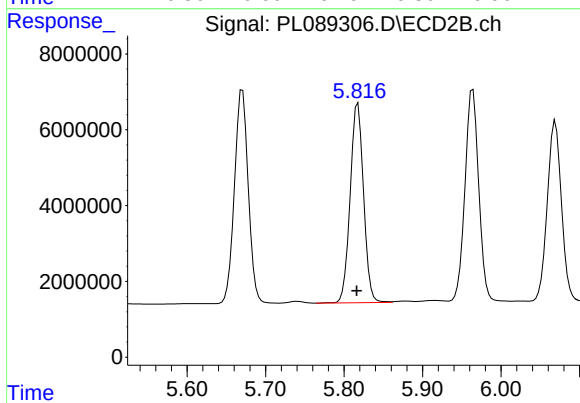
#15 Endosulfan II

R.T.: 5.964 min
Delta R.T.: 0.002 min
Response: 68310283
Conc: 47.49 ng/ml



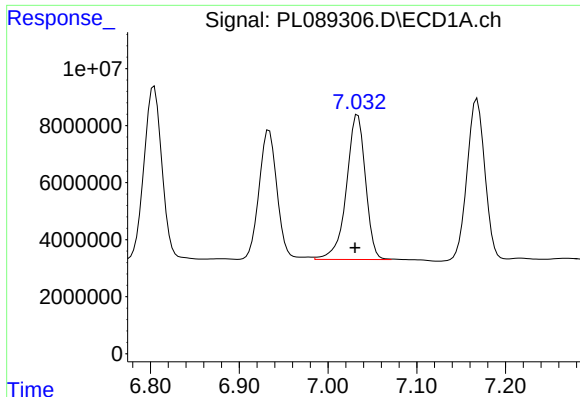
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.003 min
Response: 79814701
Conc: 47.31 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: 0.002 min
Response: 62409282
Conc: 50.61 ng/ml



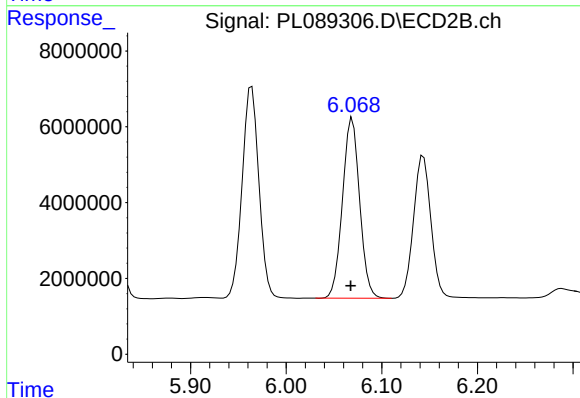
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.002 min
Response: 75641875
Conc: 41.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEMAREST-MSMSD

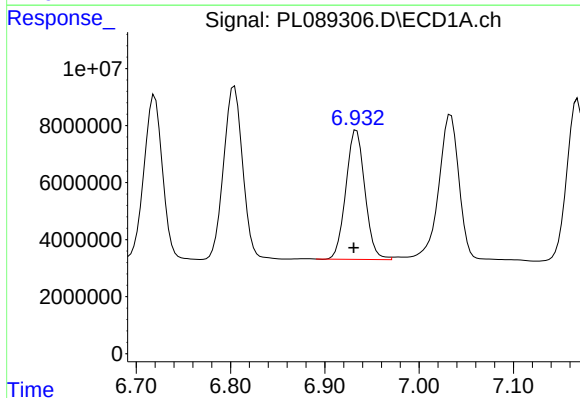
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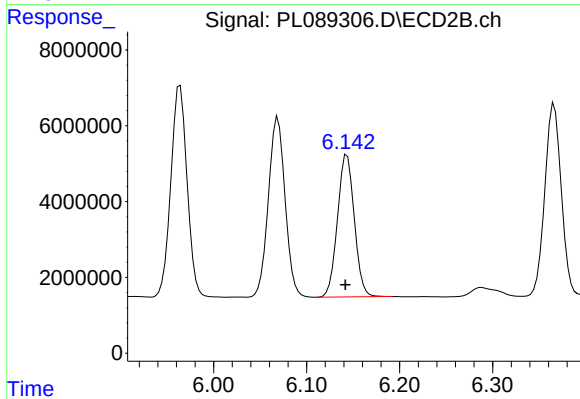
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.002 min
Response: 59374371
Conc: 43.88 ng/ml



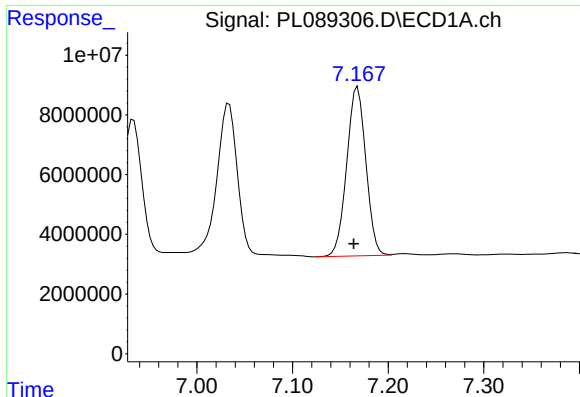
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 63632102
Conc: 42.08 ng/ml



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: 0.002 min
Response: 47146271
Conc: 42.39 ng/ml



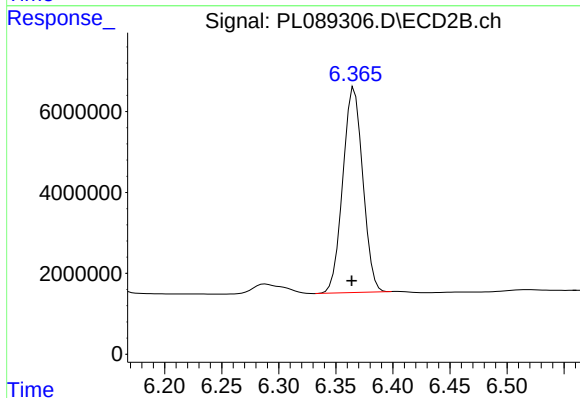
#19 Endosulfan Sulfate

R.T.: 7.168 min
Delta R.T.: 0.004 min
Response: 78948917
Conc: 43.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEMAREST-MSMSD

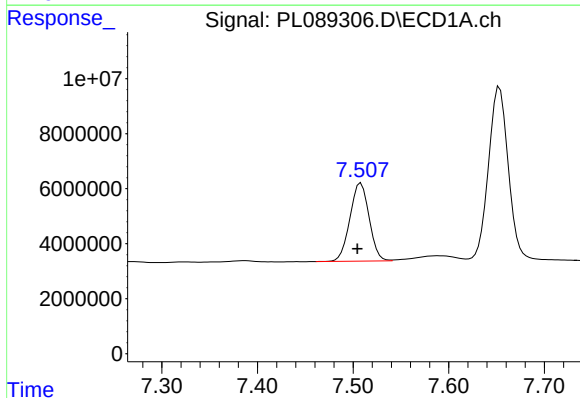
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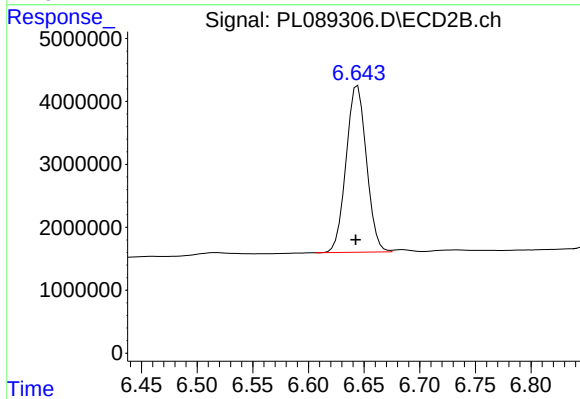
#19 Endosulfan Sulfate

R.T.: 6.366 min
Delta R.T.: 0.002 min
Response: 61755280
Conc: 44.52 ng/ml



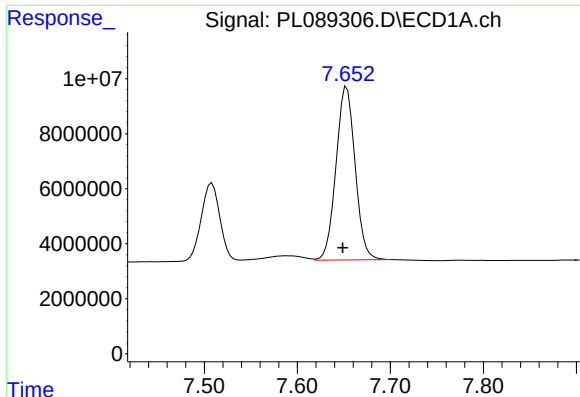
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.004 min
Response: 39713586
Conc: 40.38 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: 0.002 min
Response: 33713454
Conc: 42.16 ng/ml



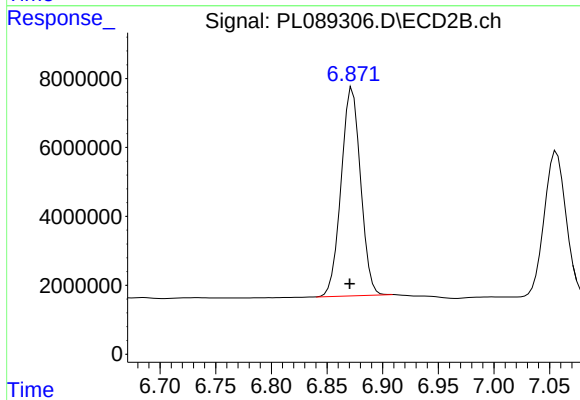
#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: 0.004 min
Response: 90017433
Conc: 44.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEMAREST-MSMSD

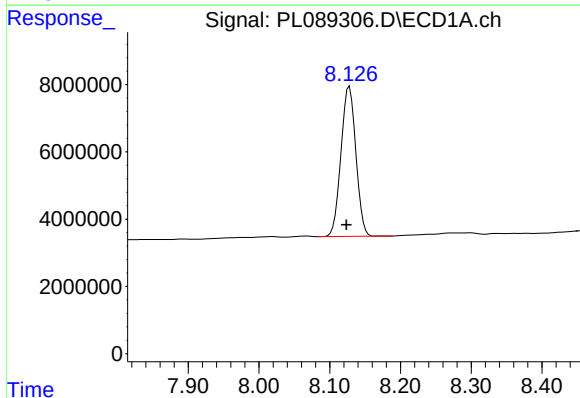
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Reviewed By :Abdul Mirza 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



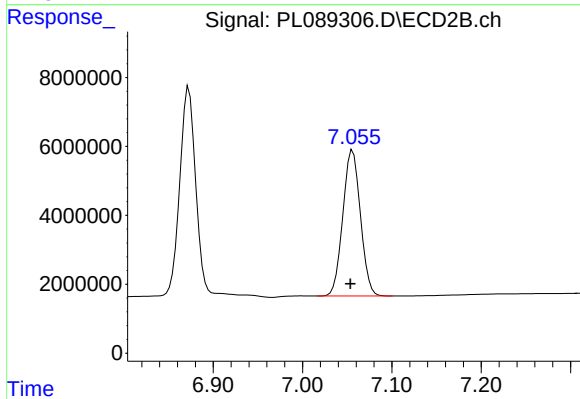
#21 Endrin ketone

R.T.: 6.873 min
Delta R.T.: 0.002 min
Response: 73527002
Conc: 45.98 ng/ml



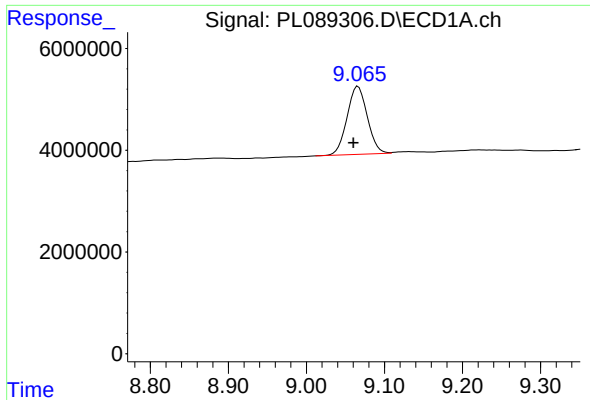
#22 Mirex

R.T.: 8.128 min
Delta R.T.: 0.004 min
Response: 65220423
Conc: 41.97 ng/ml



#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.002 min
Response: 57901524
Conc: 42.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.006 min
Response: 24030331
Conc: 17.18 ng/ml

Instrument :

ECD_L

ClientSampleId :

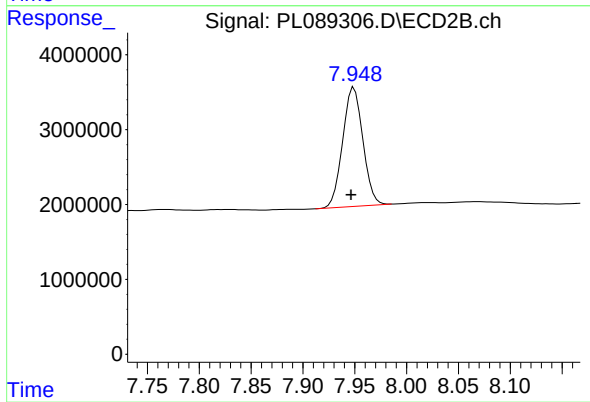
DEMAREST-MSMSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/02/2024

Supervised By :mohammad ahmed 05/02/2024



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.003 min
Response: 21552383
Conc: 16.02 ng/ml