

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041125\
 Data File : PL095189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2025 12:34
 Operator : AR\AJ
 Sample : PB167560BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167560BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/14/2025
 Supervised By : mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 00:10:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.767	43417146	60201192	15.338	16.867
2)	SA Decachlor...	9.052	7.898	41297869	80541859	19.596	19.939
Target Compounds							
2)	A alpha-BHC	3.993	3.269	186.3E6	301.5E6	44.857	55.915
3)	MA gamma-BHC...	4.326	3.598	175.4E6	279.6E6	43.962	54.396
4)	MA Heptachlor	4.913	3.935	165.0E6	269.9E6	42.511	51.226
5)	MB Aldrin	5.255	4.215	156.9E6	249.8E6	42.483	51.220
6)	B beta-BHC	4.525	3.899	79103769	117.9E6	42.870	53.088
7)	B delta-BHC	4.772	4.127	173.9E6	261.1E6	44.646	52.204
8)	B Heptachlo...	5.682	4.717	143.8E6	233.2E6	42.997	50.939
9)	A Endosulfan I	6.067	5.087	137.9E6	218.1E6	44.917	49.693
10)	B gamma-Chl...	5.938	4.967	147.7E6	243.8E6	43.835	50.493
11)	B alpha-Chl...	6.016	5.030	146.3E6	239.9E6	44.372	50.264
12)	B 4,4'-DDE	6.191	5.218	144.4E6	244.7E6	49.072	52.631m
13)	MA Dieldrin	6.342	5.349	145.9E6	246.8E6	45.621	50.861m
14)	MA Endrin	6.571	5.625	117.0E6	220.4E6	42.208	50.502m
15)	B Endosulfa...	6.792	5.920	125.7E6	222.8E6	46.289	51.484m
16)	A 4,4'-DDD	6.708	5.774	113.8E6	201.1E6	52.530	55.929
17)	MA 4,4'-DDT	7.021	6.024	110.8E6	209.6E6	46.584	51.972
18)	B Endrin al...	6.923	6.101	97123521	172.7E6	46.009	51.319
19)	B Endosulfa...	7.157	6.323	109.7E6	214.8E6	45.123	52.730
20)	A Methoxychlor	7.498	6.599	55717552	113.4E6	46.545	53.471
21)	B Endrin ke...	7.641	6.827	126.1E6	263.6E6	47.700	55.227m
22)	Mirex	8.113	7.006	88356076	187.6E6	42.761	49.427m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041125\
Data File : PL095189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 12:34
Operator : AR\AJ
Sample : PB167560BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB167560BS

Manual Integrations

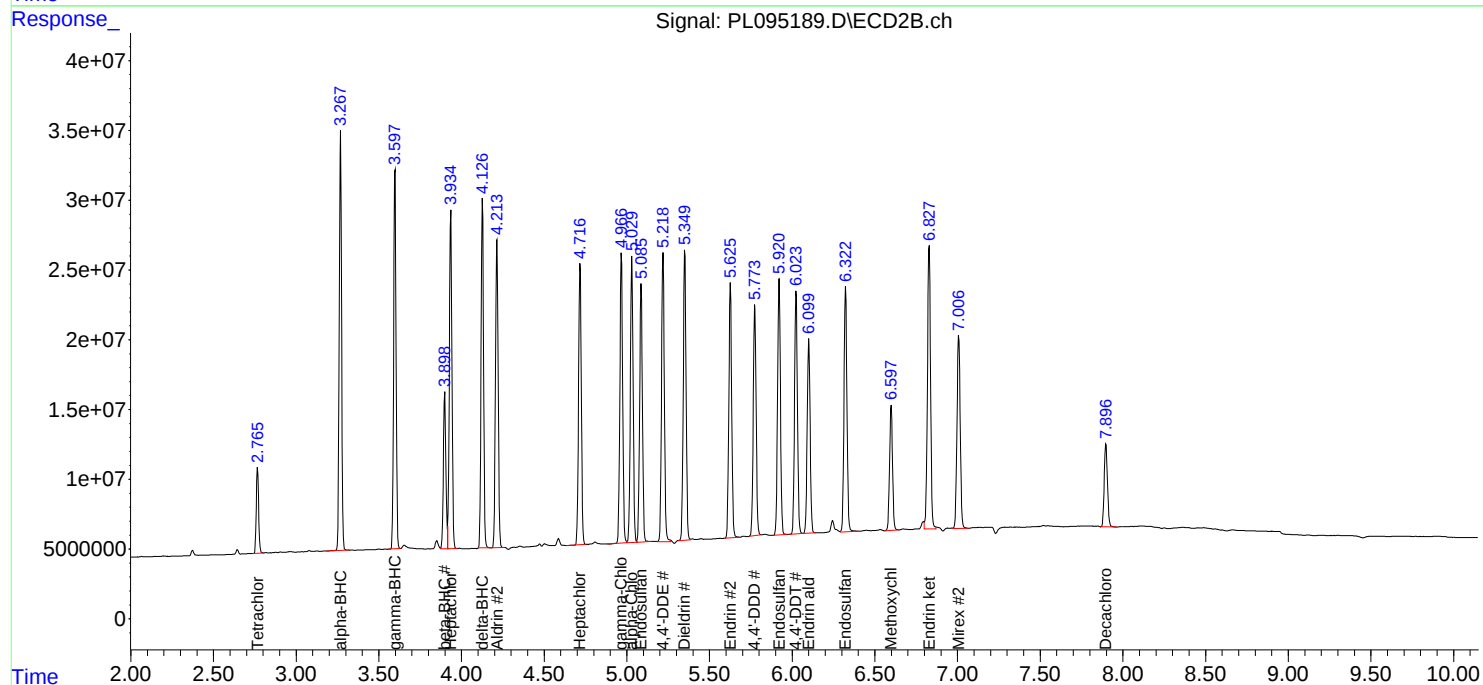
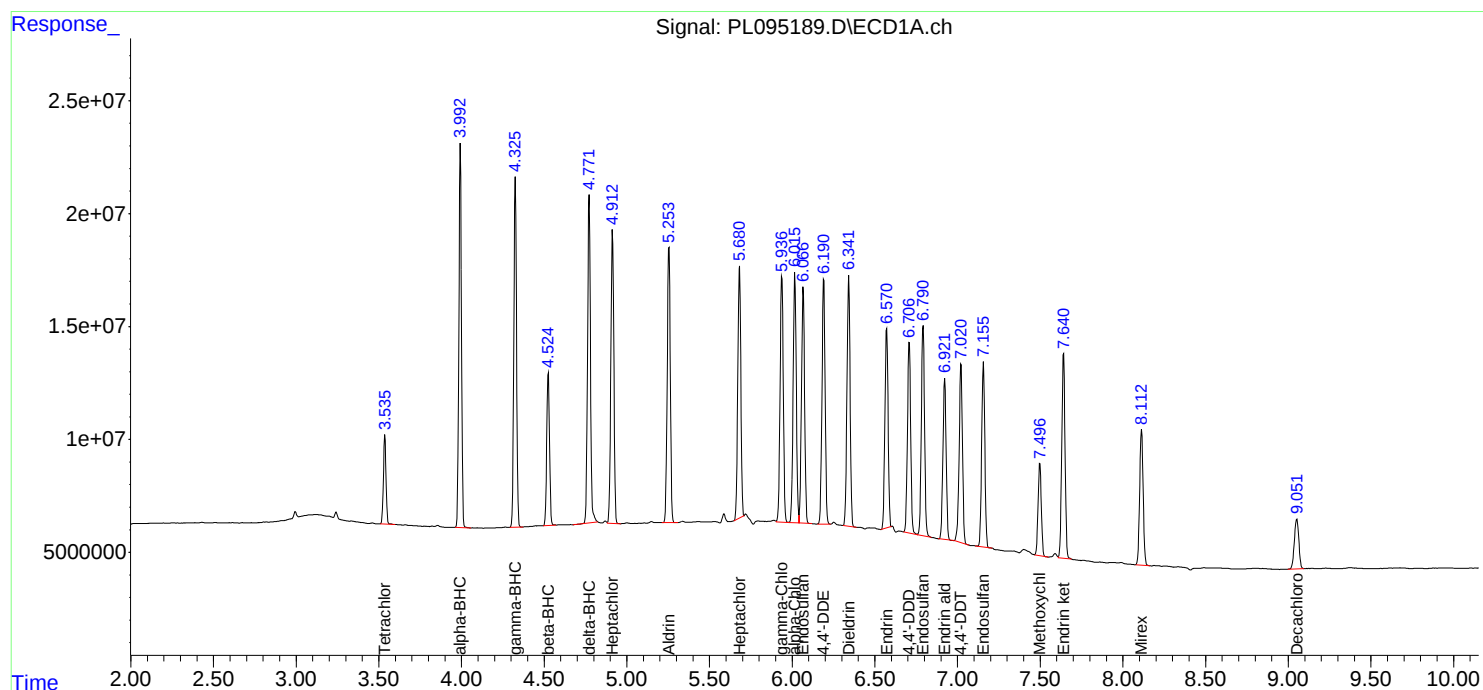
APPROVED

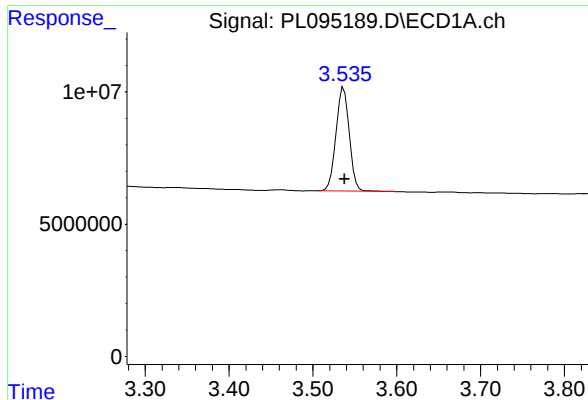
Reviewed By :Abdul Mirza 04/14/2025

Supervised By :mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:10:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





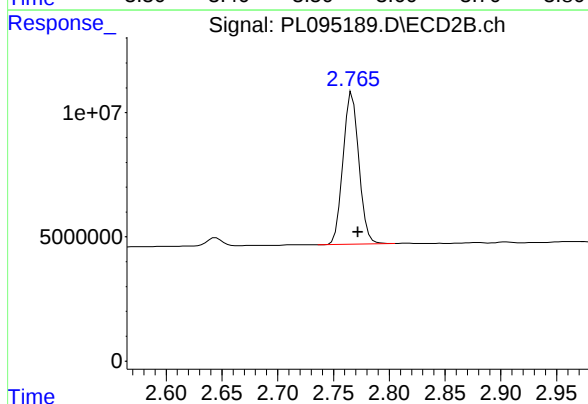
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.001 min
Response: 43417146
Conc: 15.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167560BS

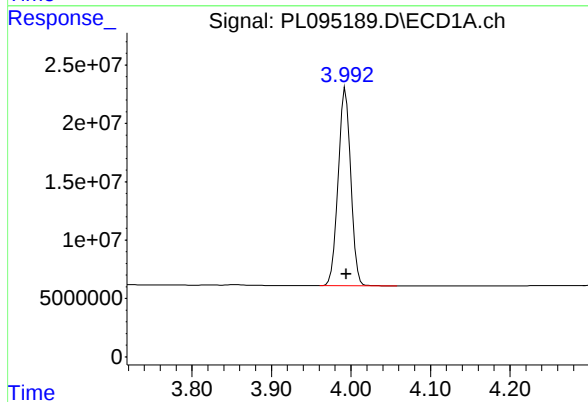
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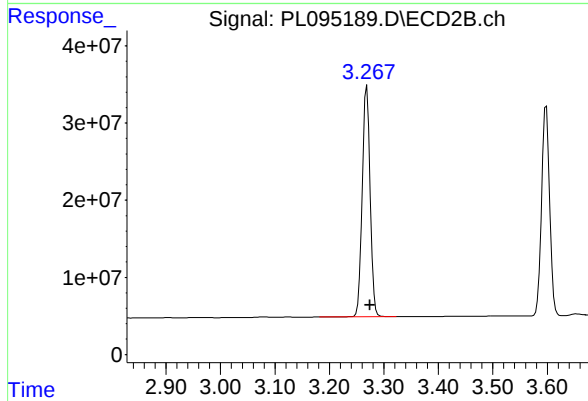
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: -0.005 min
Response: 60201192
Conc: 16.87 ng/ml



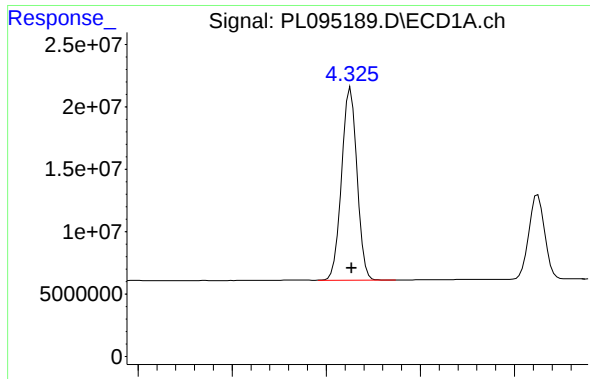
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 186261333
Conc: 44.86 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: -0.006 min
Response: 301460419
Conc: 55.92 ng/ml



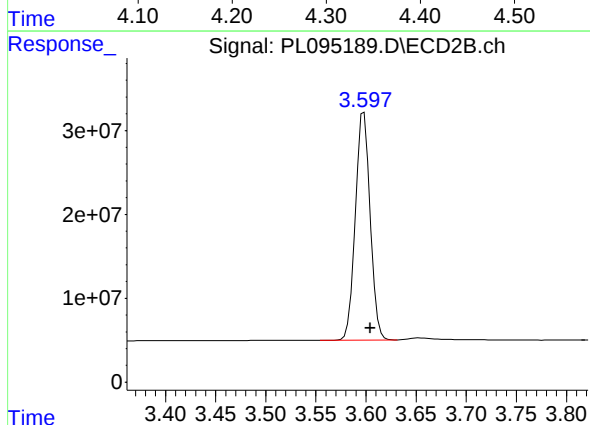
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 175420753
Conc: 43.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167560BS

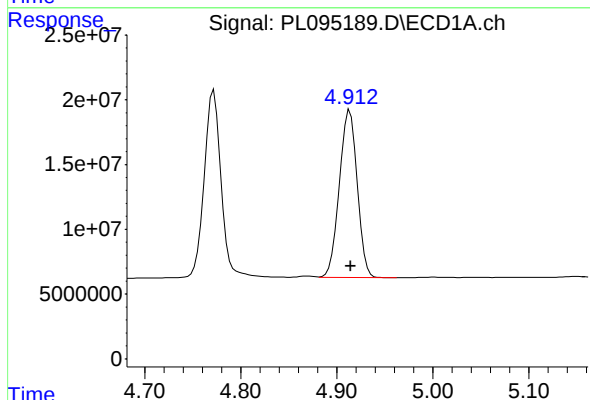
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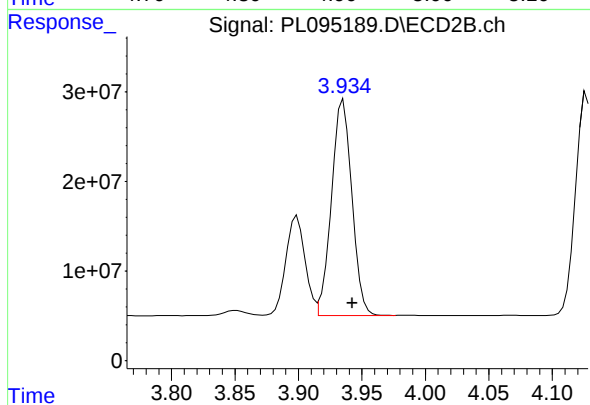
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.006 min
Response: 279565407
Conc: 54.40 ng/ml



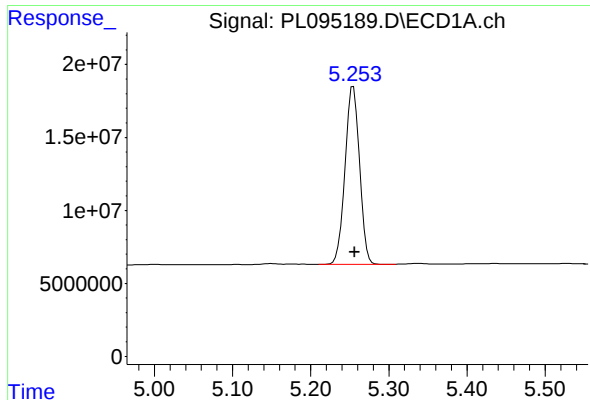
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.001 min
Response: 165012812
Conc: 42.51 ng/ml



#4 Heptachlor

R.T.: 3.935 min
Delta R.T.: -0.007 min
Response: 269890181
Conc: 51.23 ng/ml



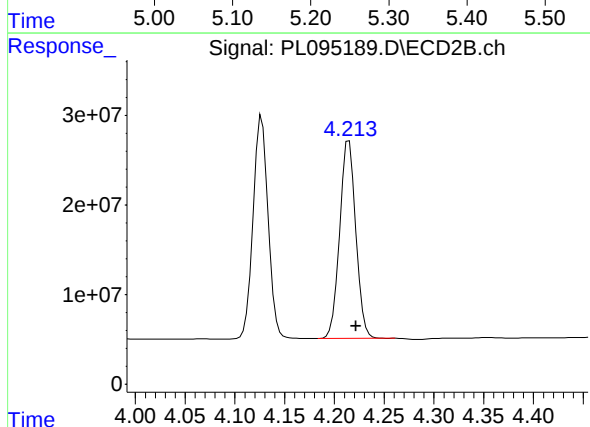
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: -0.002 min
Response: 156858126
Conc: 42.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167560BS

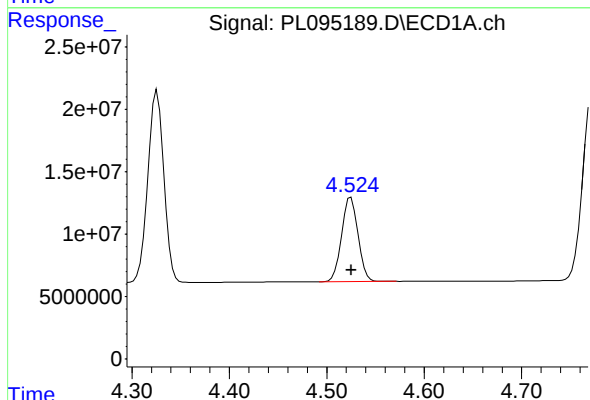
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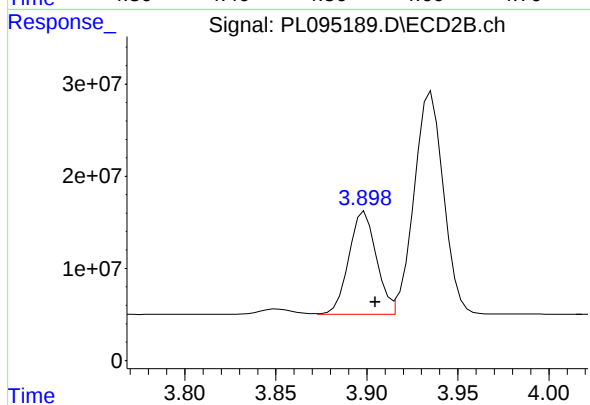
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.007 min
Response: 249765090
Conc: 51.22 ng/ml



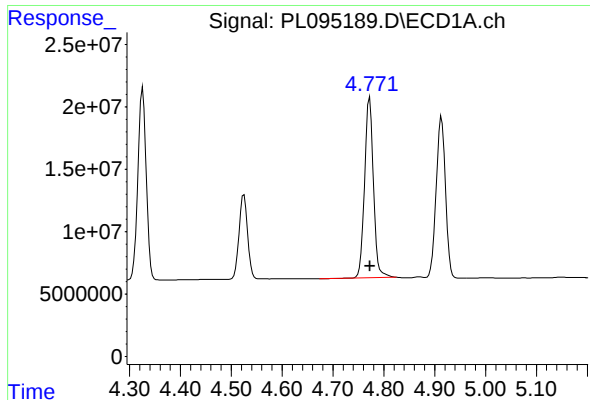
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 79103769
Conc: 42.87 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.006 min
Response: 117923809
Conc: 53.09 ng/ml



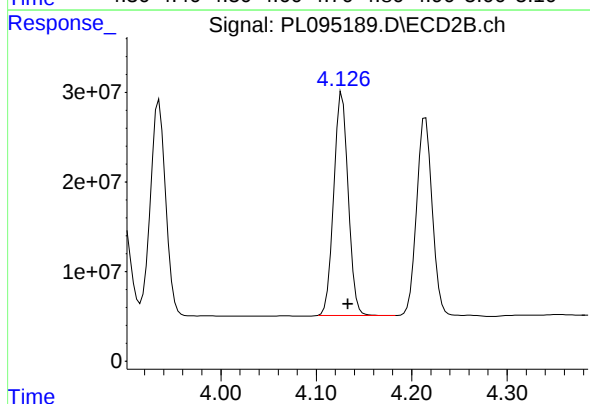
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 173866536
Conc: 44.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167560BS

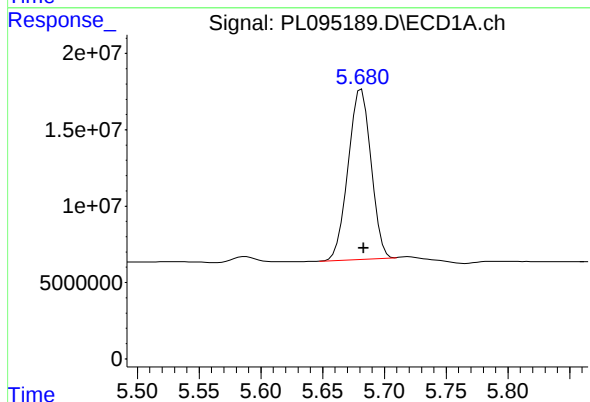
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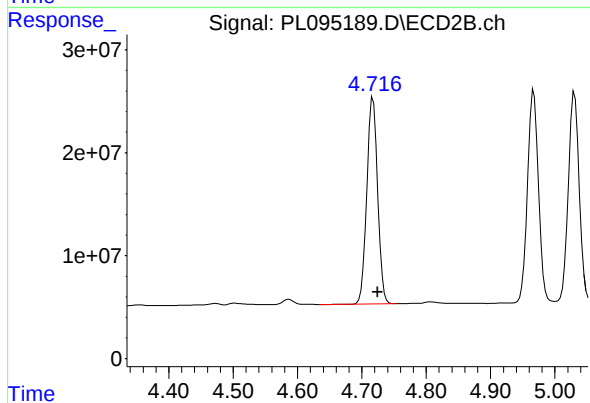
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: -0.006 min
Response: 261123063
Conc: 52.20 ng/ml



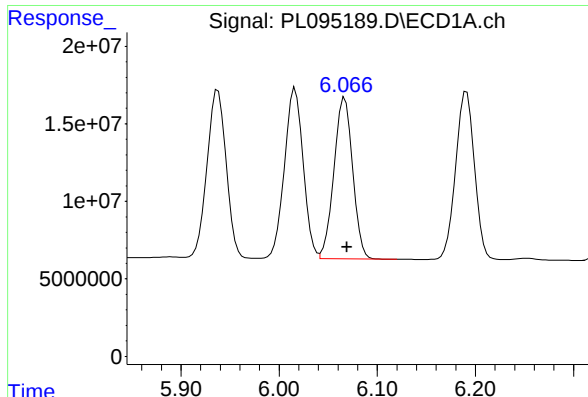
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 143833392
Conc: 43.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.717 min
Delta R.T.: -0.007 min
Response: 233226651
Conc: 50.94 ng/ml



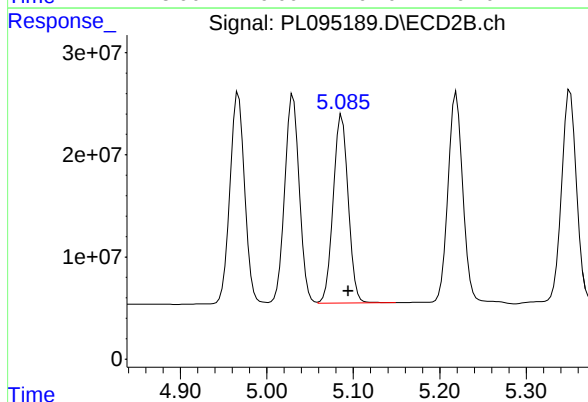
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 137905480
Conc: 44.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167560BS

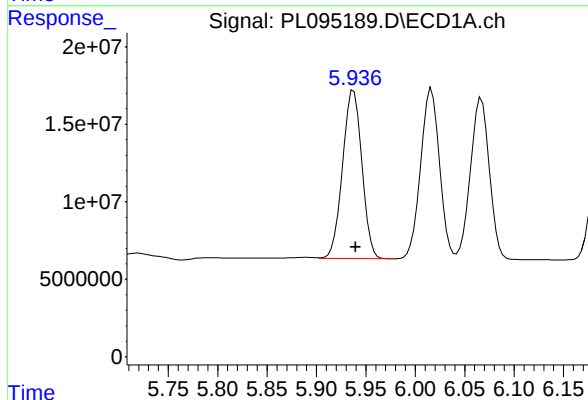
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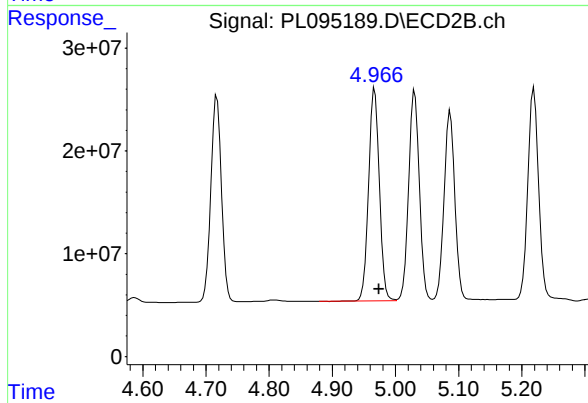
#9 Endosulfan I

R.T.: 5.087 min
Delta R.T.: -0.007 min
Response: 218090222
Conc: 49.69 ng/ml



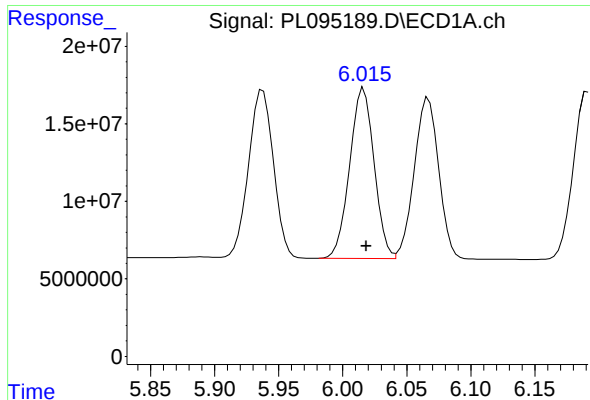
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 147697505
Conc: 43.84 ng/ml



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: -0.007 min
Response: 243799479
Conc: 50.49 ng/ml



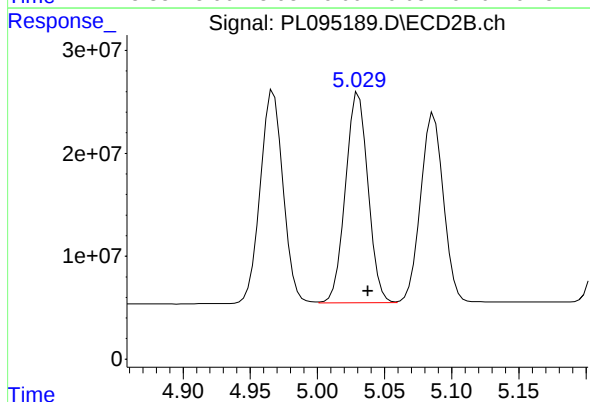
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 146286734
Conc: 44.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167560BS

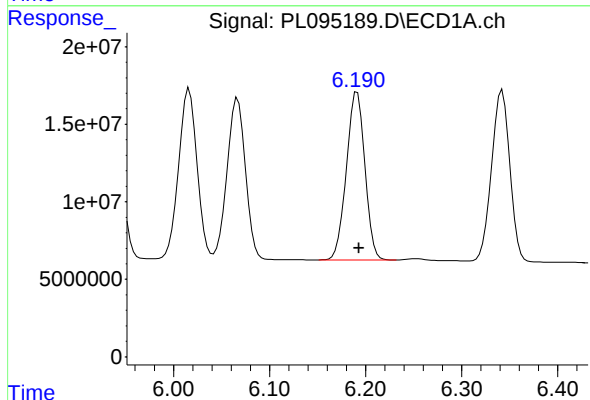
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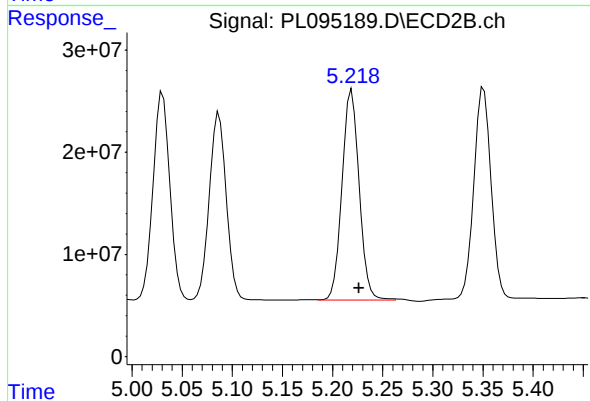
#11 alpha-Chlordane

R.T.: 5.030 min
Delta R.T.: -0.007 min
Response: 239900700
Conc: 50.26 ng/ml



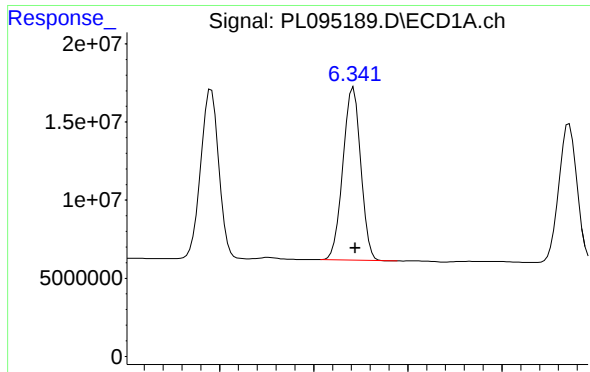
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 144373561
Conc: 49.07 ng/ml



#12 4,4'-DDE

R.T.: 5.218 min
Delta R.T.: -0.009 min
Response: 244656439
Conc: 52.63 ng/ml m



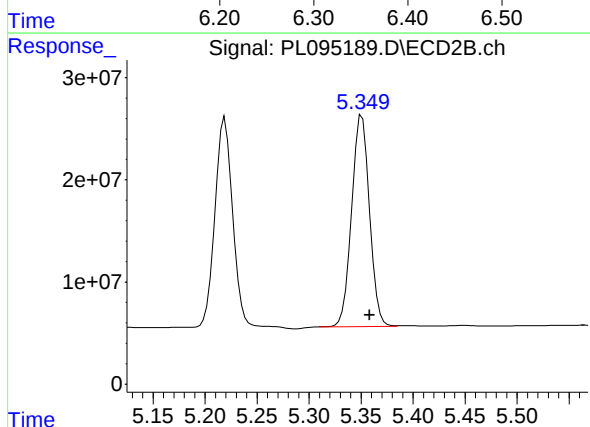
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 145901352
Conc: 45.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167560BS

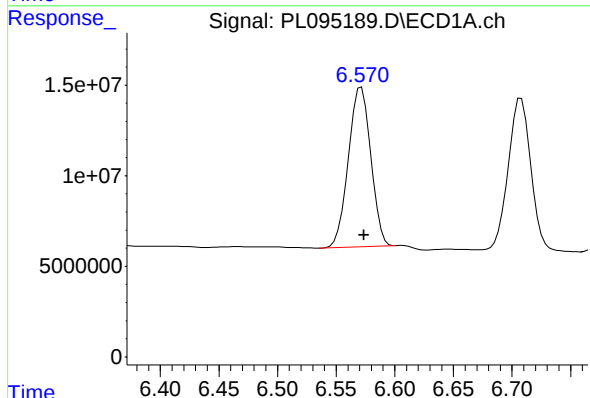
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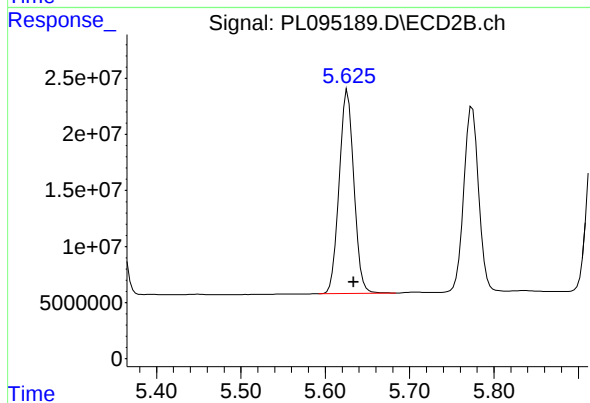
#13 Dieldrin

R.T.: 5.349 min
Delta R.T.: -0.009 min
Response: 246765954
Conc: 50.86 ng/ml m



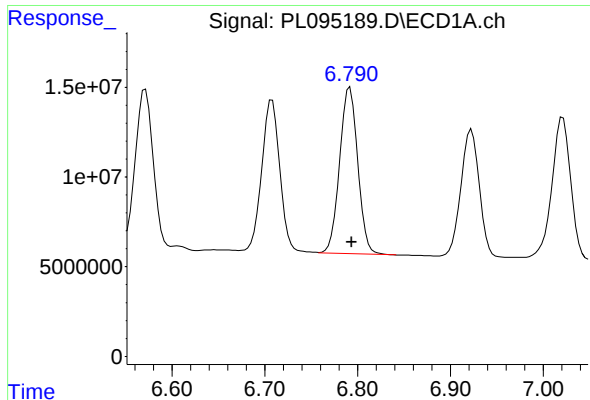
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 117002378
Conc: 42.21 ng/ml



#14 Endrin

R.T.: 5.625 min
Delta R.T.: -0.009 min
Response: 220374765
Conc: 50.50 ng/ml m



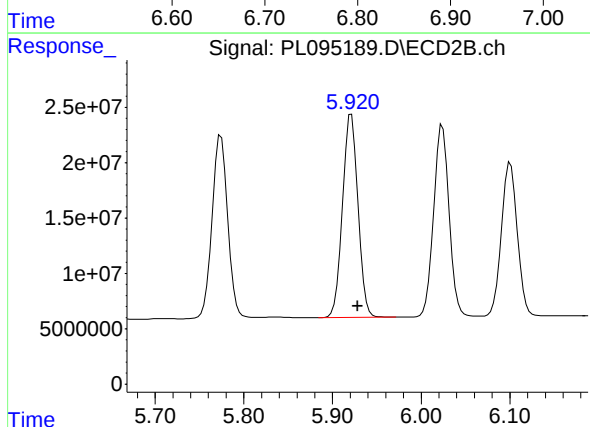
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: -0.002 min
Response: 125661775
Conc: 46.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167560BS

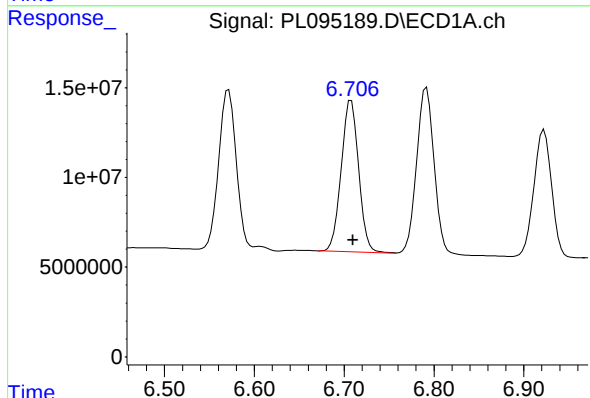
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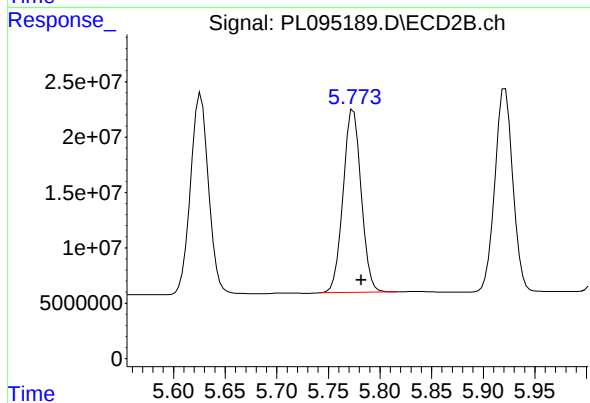
#15 Endosulfan II

R.T.: 5.920 min
Delta R.T.: -0.009 min
Response: 222837693
Conc: 51.48 ng/ml m



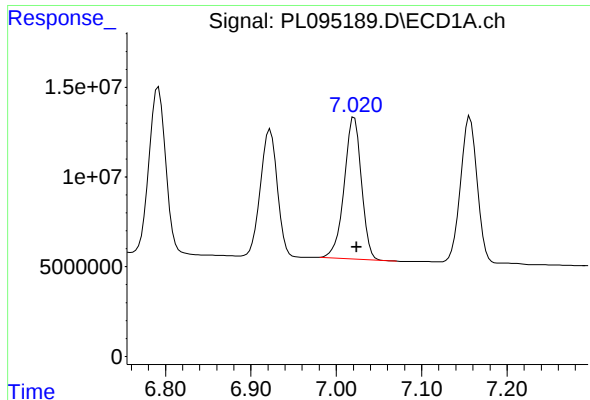
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 113784432
Conc: 52.53 ng/ml



#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: -0.008 min
Response: 201113912
Conc: 55.93 ng/ml



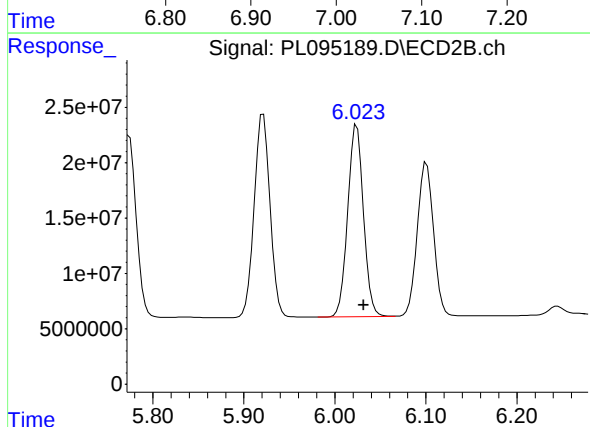
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 110802670
Conc: 46.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167560BS

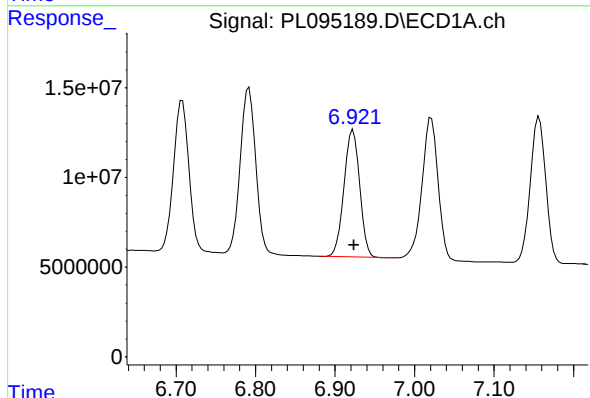
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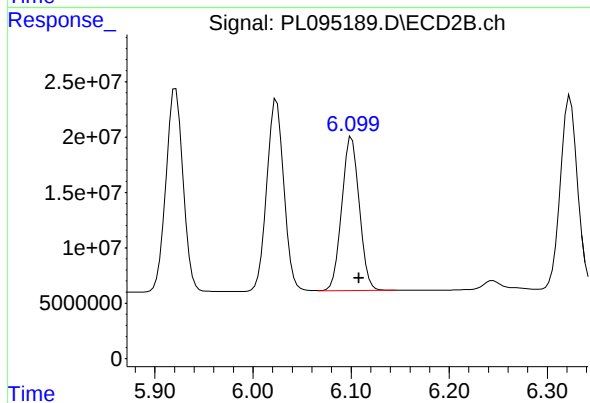
#17 4,4'-DDT

R.T.: 6.024 min
Delta R.T.: -0.008 min
Response: 209557241
Conc: 51.97 ng/ml



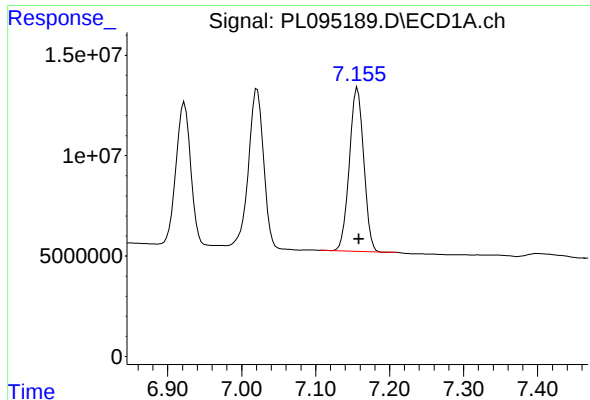
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: -0.001 min
Response: 97123521
Conc: 46.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: -0.008 min
Response: 172707112
Conc: 51.32 ng/ml



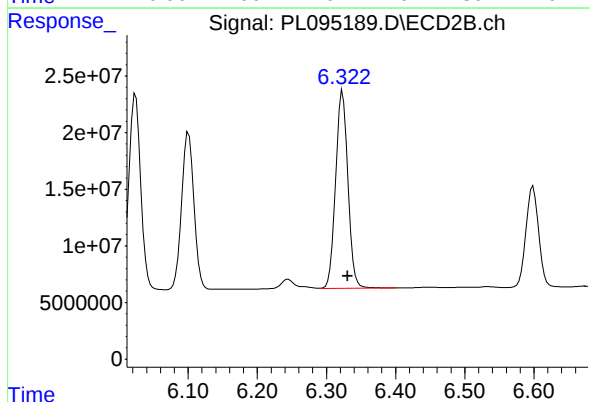
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.002 min
Response: 109741209
Conc: 45.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167560BS

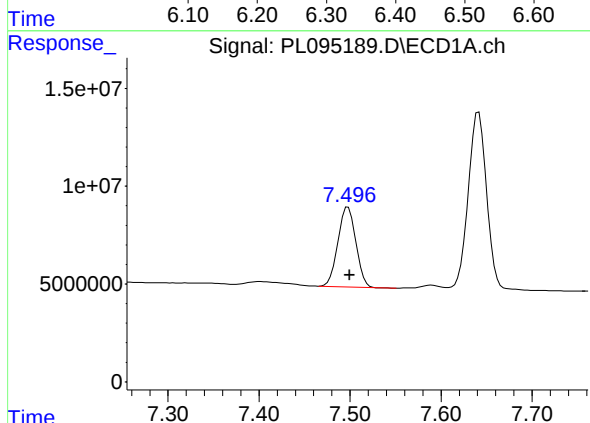
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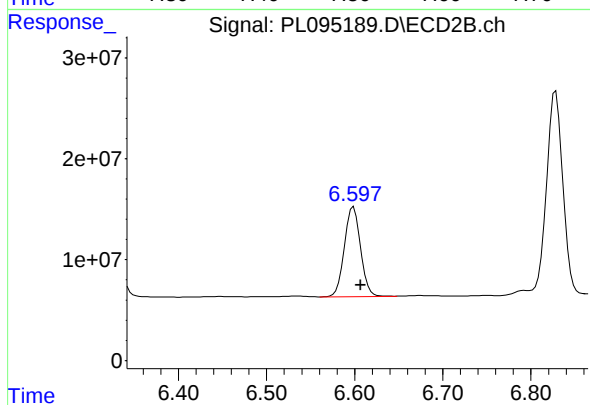
#19 Endosulfan Sulfate

R.T.: 6.323 min
Delta R.T.: -0.007 min
Response: 214792836
Conc: 52.73 ng/ml



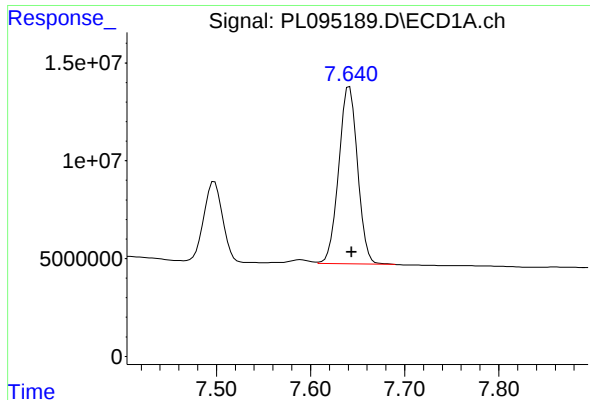
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 55717552
Conc: 46.54 ng/ml



#20 Methoxychlor

R.T.: 6.599 min
Delta R.T.: -0.008 min
Response: 113416040
Conc: 53.47 ng/ml



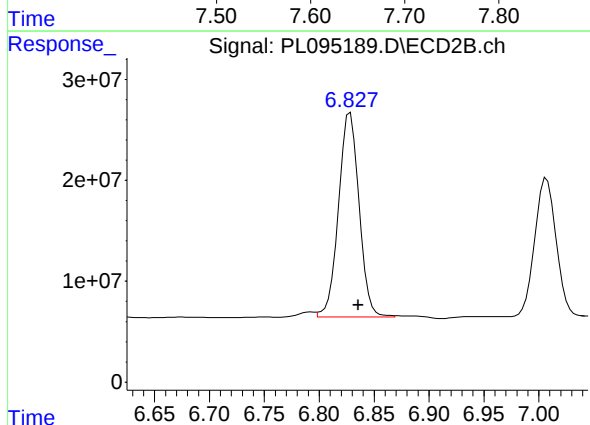
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.002 min
Response: 126084155
Conc: 47.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167560BS

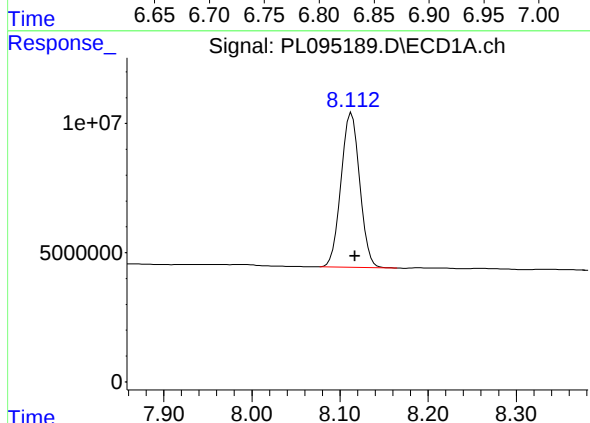
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



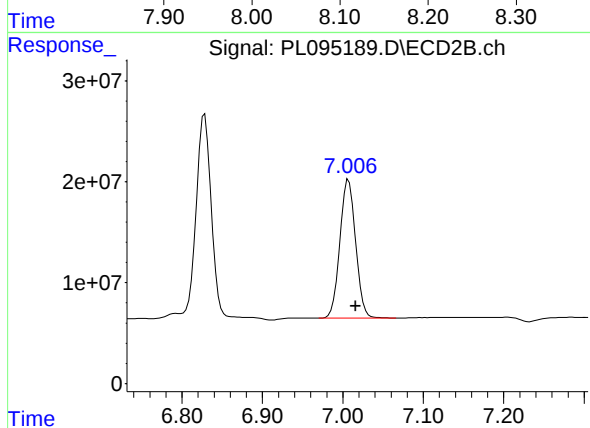
#21 Endrin ketone

R.T.: 6.827 min
Delta R.T.: -0.009 min
Response: 263575841
Conc: 55.23 ng/ml m



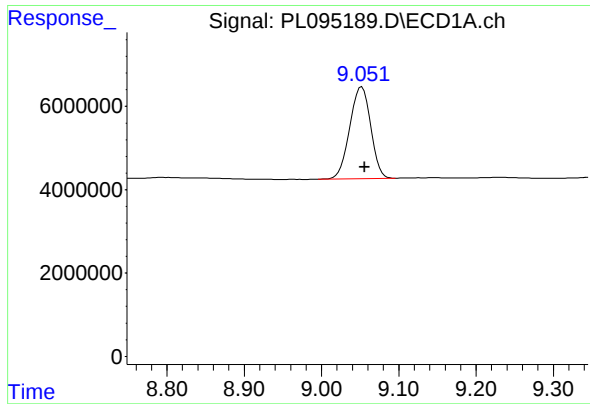
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 88356076
Conc: 42.76 ng/ml



#22 Mirex

R.T.: 7.006 min
Delta R.T.: -0.010 min
Response: 187592125
Conc: 49.43 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.004 min
Response: 41297869
Conc: 19.60 ng/ml

Instrument :

ECD_L

ClientSampleId :

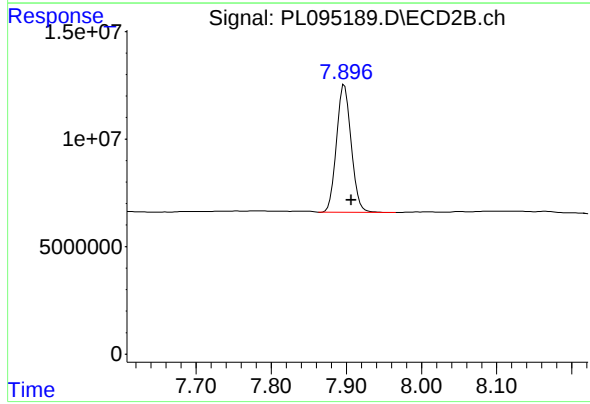
PB167560BS

Manual Integrations

APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.898 min
Delta R.T.: -0.009 min
Response: 80541859
Conc: 19.94 ng/ml