

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120223\
 Data File : PL086929.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2023 15:55
 Operator : AR\AJ
 Sample : PB157509BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB157509BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :Ankita Jodhani 12/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 21:33:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 29 06:35:04 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...	3.342	2.610	58846139	16487878	18.406	18.129
28)	SA Decachlor...	8.841	7.759	56201815	22190735	21.052	20.126
Target Compounds							
2)	A alpha-BHC	3.796	3.108	233.8E6	64256951	50.489	50.599
3)	MA gamma-BHC...	4.128	3.435	215.7E6	61367857	49.309	50.226
4)	MA Heptachlor	4.714	3.770	220.3E6	64647140	55.517	55.366
5)	MB Aldrin	5.053	4.046	212.3E6	60971864	50.304	49.955
6)	B beta-BHC	4.331	3.737	93139535	26944081	49.790	50.926
7)	B delta-BHC	4.574	3.962	205.8E6	58996349	48.483	50.520
8)	B Heptachlo...	5.485	4.551	188.1E6	57677395	53.098	50.666
9)	A Endosulfan I	5.868	4.919	180.8E6	56720911	50.176	44.093
10)	B gamma-Chl...	5.742	4.803	195.0E6	58801943	51.863	51.297
11)	B alpha-Chl...	5.822	4.867	193.2E6	60525488	51.308	45.515
12)	B 4,4'-DDE	6.006	5.066	165.0E6	50071469	54.561	54.540
13)	MA Dieldrin	6.146	5.185	180.2E6	55565253	51.895	51.884
14)	MA Endrin	6.374	5.458	145.7E6	48549391	56.534	57.604
15)	B Endosulfa...	6.597	5.757	145.8E6	47977745	51.097	51.670
16)	A 4,4'-DDD	6.525	5.623	130.5E6	42262868	55.748	54.722
17)	MA 4,4'-DDT	6.840	5.873	138.7E6	45117876	54.025	55.945
18)	B Endrin al...	6.728	5.938	113.8E6	39562351	53.358m	56.630
19)	B Endosulfa...	6.965	6.163	149.4E6	50990327	52.319	53.740
20)	A Methoxychlor	7.327	6.458	69252332	26738403	52.445	51.947
21)	B Endrin ke...	7.447	6.664	153.9E6	58240645	51.479	51.022
22)	Mirex	7.919	6.840	123.1E6	49510639	48.116	47.704

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120223\
Data File : PL086929.D
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Acq On : 01 Dec 2023 15:55
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Instrument :

ECD_L

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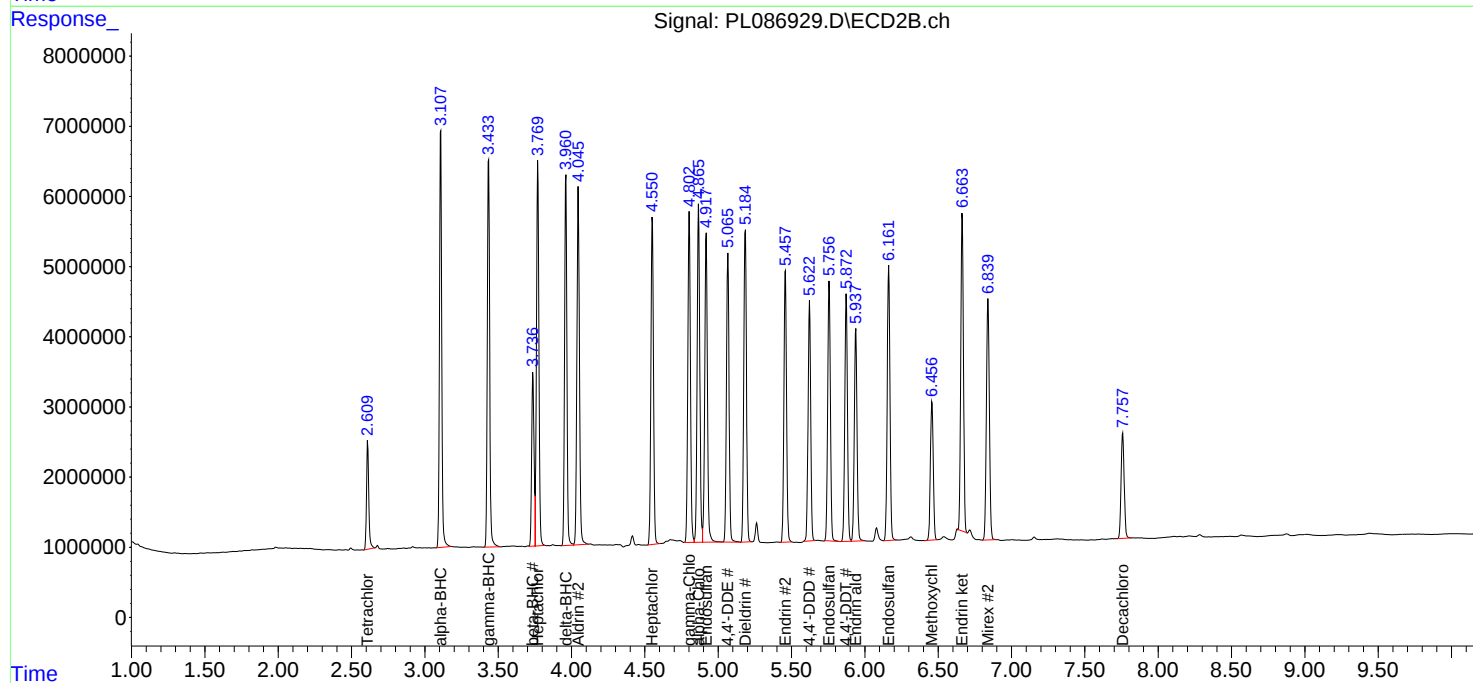
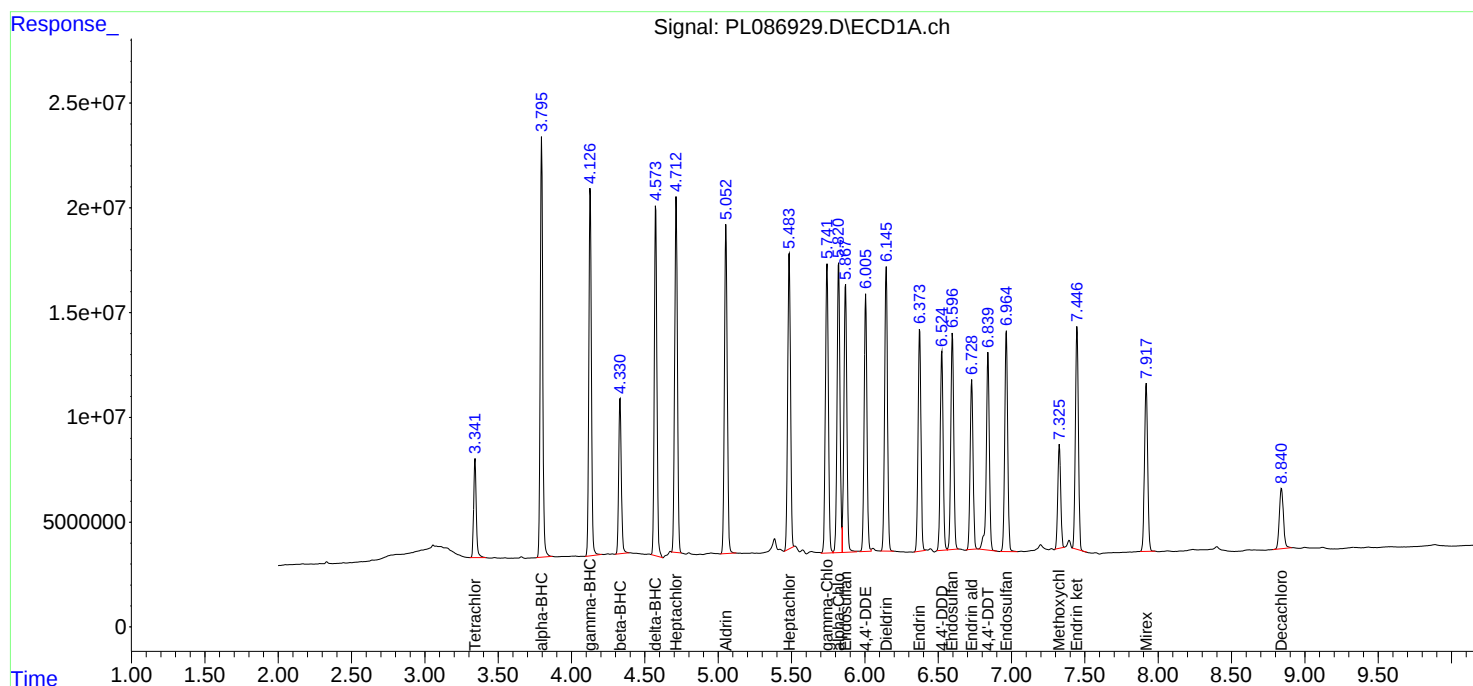
Manual Integrations

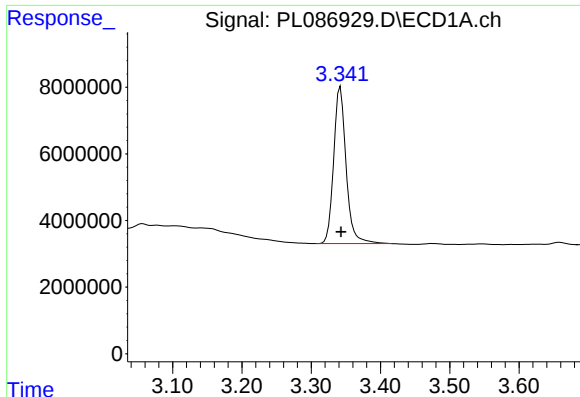
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Supervised By :Ankita Jodhani 12/04/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 01 21:33:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
Quant Title : GC Extractables
QLast Update : Wed Nov 29 06:35:04 2023
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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





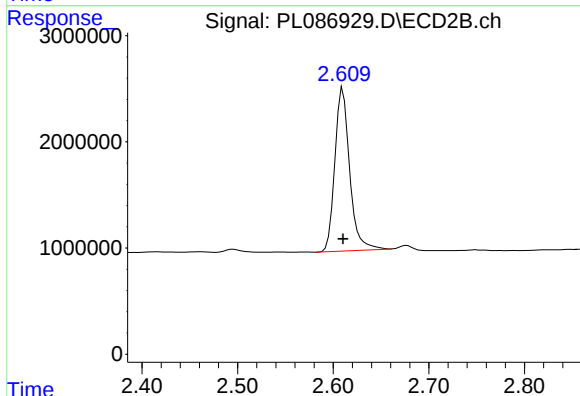
#1 Tetrachloro-m-xylene

R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 58846139
Conc: 18.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157509BS

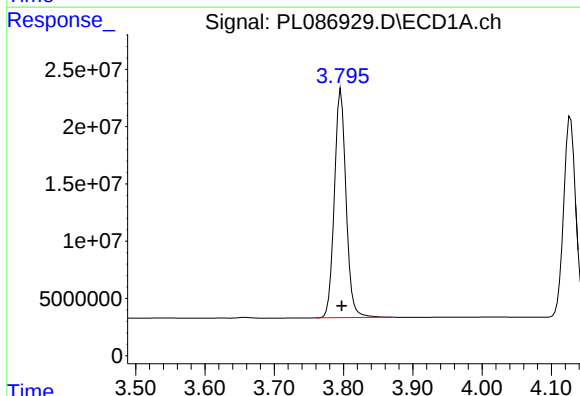
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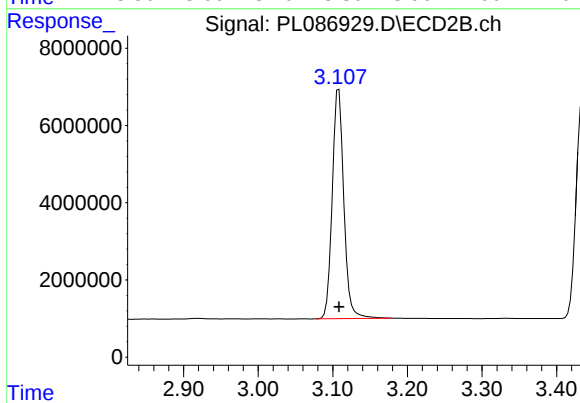
#1 Tetrachloro-m-xylene

R.T.: 2.610 min
Delta R.T.: 0.000 min
Response: 16487878
Conc: 18.13 ng/ml



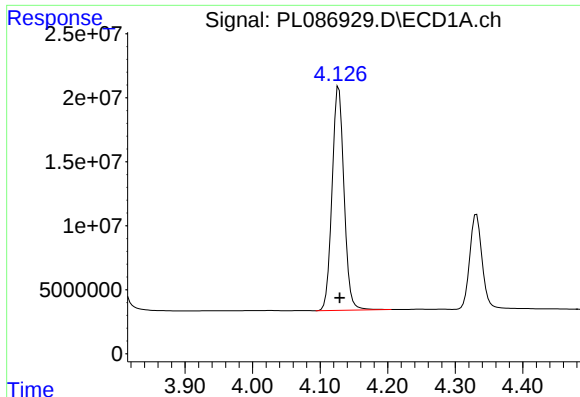
#2 alpha-BHC

R.T.: 3.796 min
Delta R.T.: 0.000 min
Response: 233769224
Conc: 50.49 ng/ml



#2 alpha-BHC

R.T.: 3.108 min
Delta R.T.: 0.000 min
Response: 64256951
Conc: 50.60 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.001 min
Response: 215720709
Conc: 49.31 ng/ml

Instrument :

ECD_L

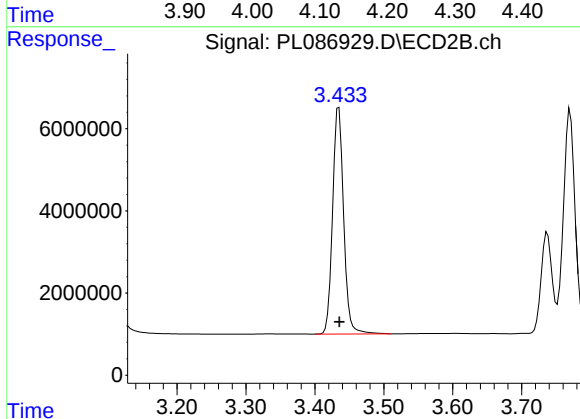
ClientSampleId :

PB157509BS

Manual Integrations

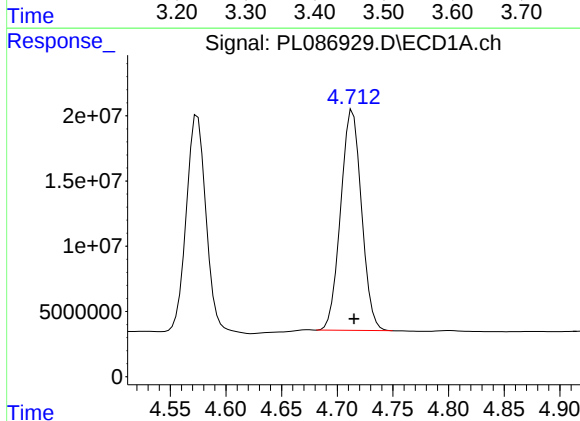
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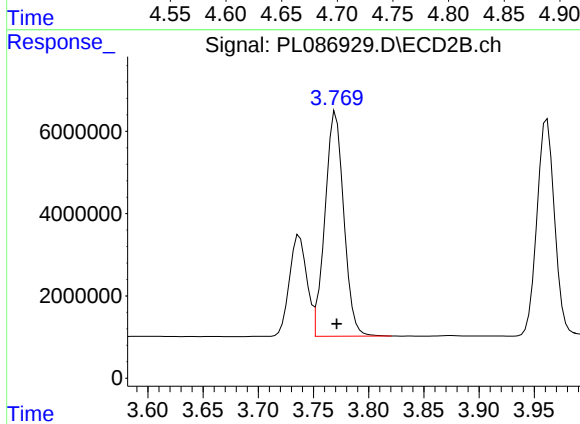
#3 gamma-BHC (Lindane)

R.T.: 3.435 min
Delta R.T.: 0.000 min
Response: 61367857
Conc: 50.23 ng/ml



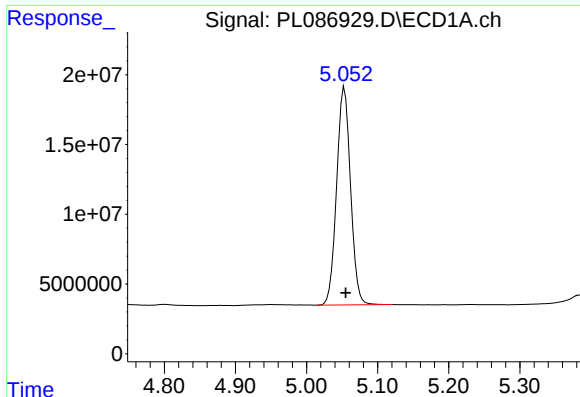
#4 Heptachlor

R.T.: 4.714 min
Delta R.T.: -0.001 min
Response: 220333719
Conc: 55.52 ng/ml



#4 Heptachlor

R.T.: 3.770 min
Delta R.T.: 0.000 min
Response: 64647140
Conc: 55.37 ng/ml



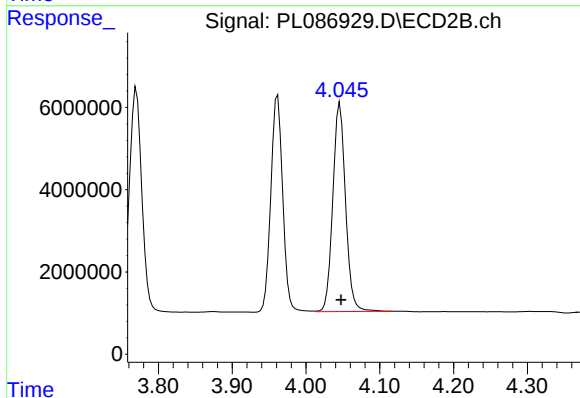
#5 Aldrin

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 212290709
Conc: 50.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157509BS

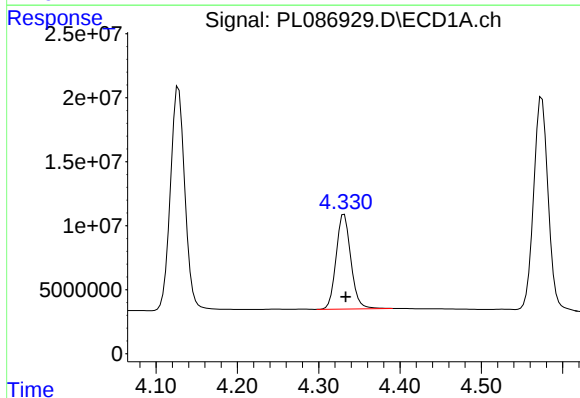
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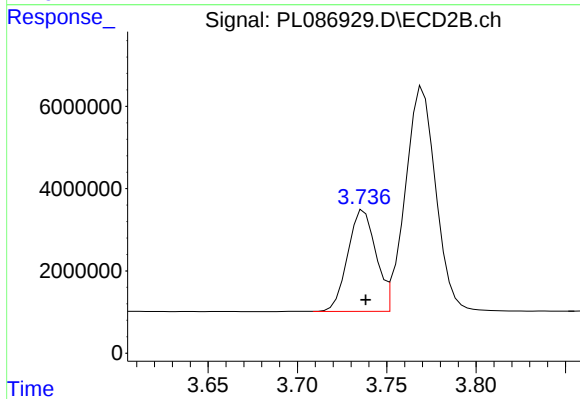
#5 Aldrin

R.T.: 4.046 min
Delta R.T.: -0.001 min
Response: 60971864
Conc: 49.95 ng/ml



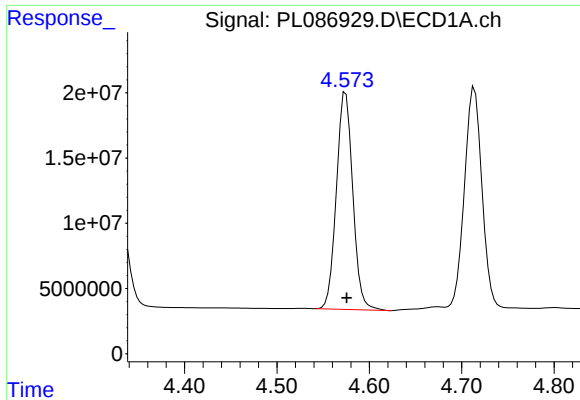
#6 beta-BHC

R.T.: 4.331 min
Delta R.T.: -0.002 min
Response: 93139535
Conc: 49.79 ng/ml



#6 beta-BHC

R.T.: 3.737 min
Delta R.T.: 0.000 min
Response: 26944081
Conc: 50.93 ng/ml



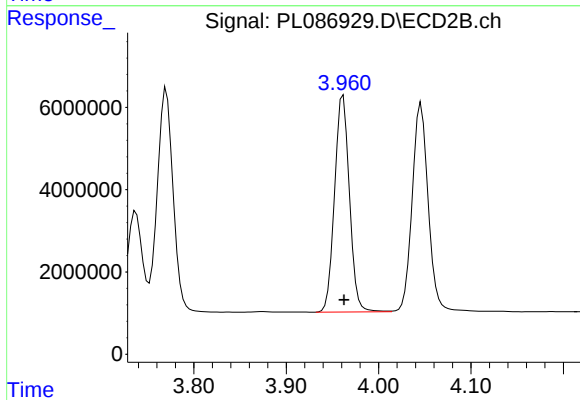
#7 delta-BHC

R.T.: 4.574 min
Delta R.T.: -0.001 min
Response: 205818497
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157509BS

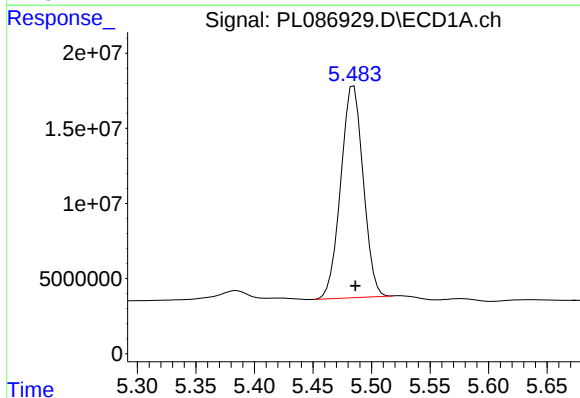
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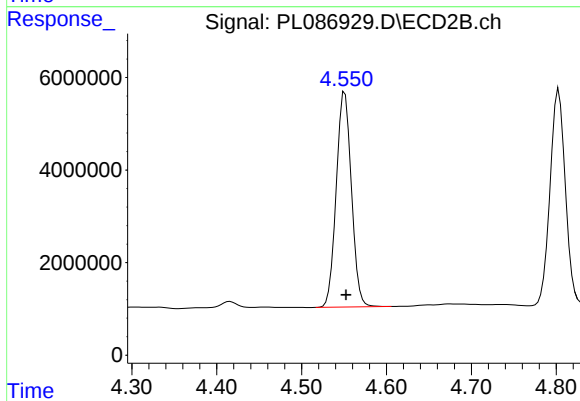
#7 delta-BHC

R.T.: 3.962 min
Delta R.T.: -0.001 min
Response: 58996349
Conc: 50.52 ng/ml



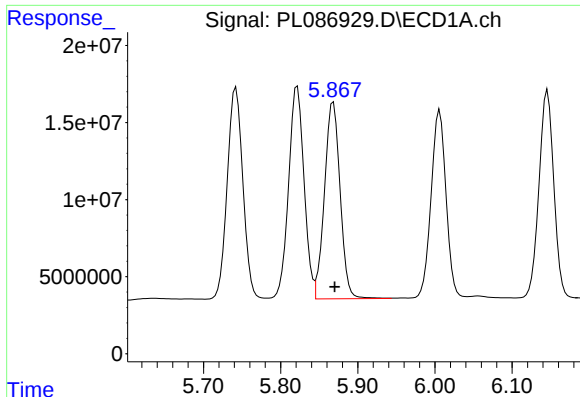
#8 Heptachlor epoxide

R.T.: 5.485 min
Delta R.T.: -0.001 min
Response: 188088694
Conc: 53.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.551 min
Delta R.T.: -0.001 min
Response: 57677395
Conc: 50.67 ng/ml



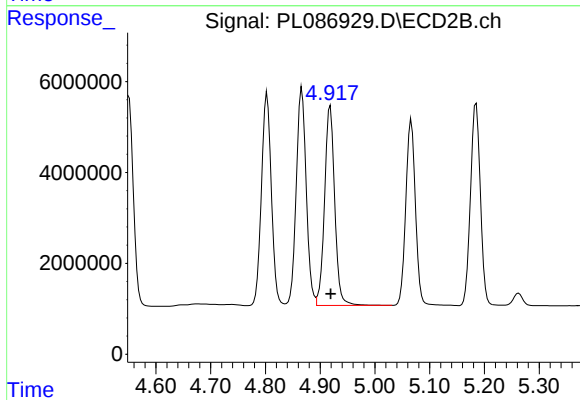
#9 Endosulfan I

R.T.: 5.868 min
Delta R.T.: -0.002 min
Response: 180776881
Conc: 50.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157509BS

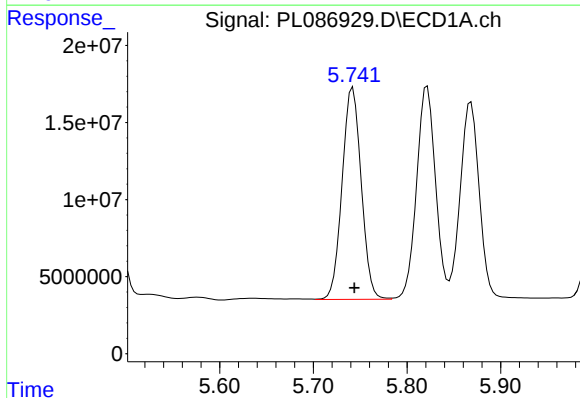
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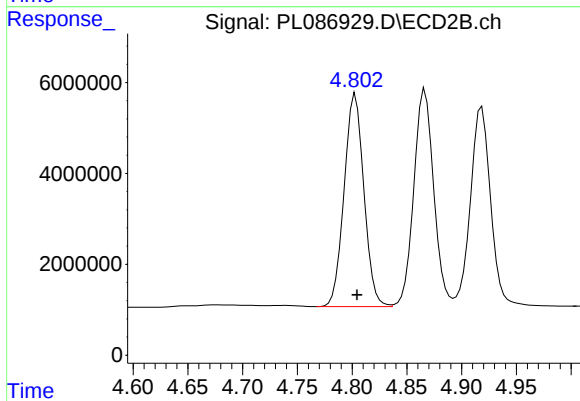
#9 Endosulfan I

R.T.: 4.919 min
Delta R.T.: -0.001 min
Response: 56720911
Conc: 44.09 ng/ml



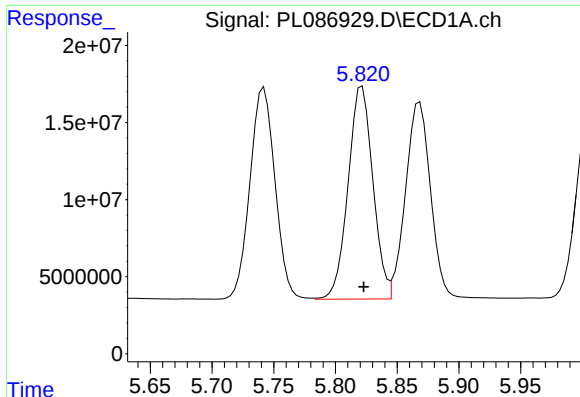
#10 gamma-Chlordane

R.T.: 5.742 min
Delta R.T.: -0.002 min
Response: 195000344
Conc: 51.86 ng/ml



#10 gamma-Chlordane

R.T.: 4.803 min
Delta R.T.: -0.001 min
Response: 58801943
Conc: 51.30 ng/ml



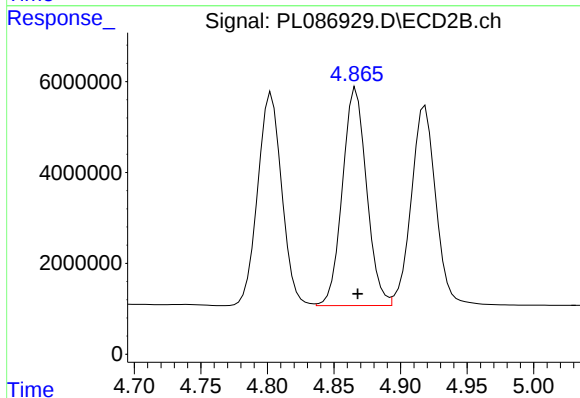
#11 alpha-Chlordane

R.T.: 5.822 min
Delta R.T.: -0.001 min
Response: 193152308
Conc: 51.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157509BS

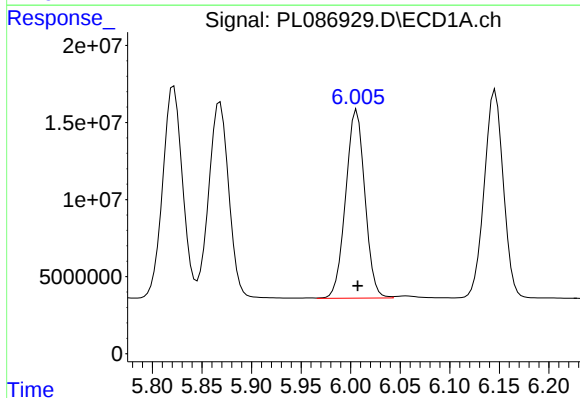
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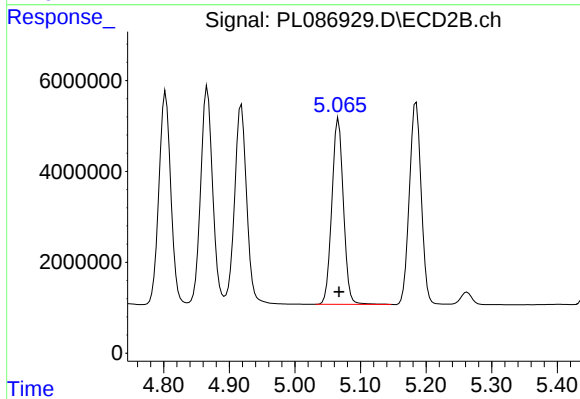
#11 alpha-Chlordane

R.T.: 4.867 min
Delta R.T.: -0.001 min
Response: 60525488
Conc: 45.51 ng/ml



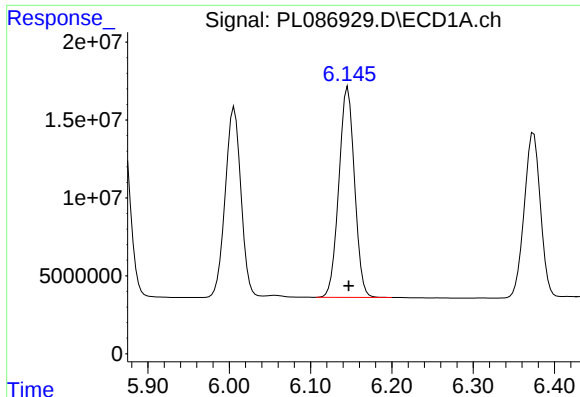
#12 4,4'-DDE

R.T.: 6.006 min
Delta R.T.: 0.000 min
Response: 164958707
Conc: 54.56 ng/ml



#12 4,4'-DDE

R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 50071469
Conc: 54.54 ng/ml



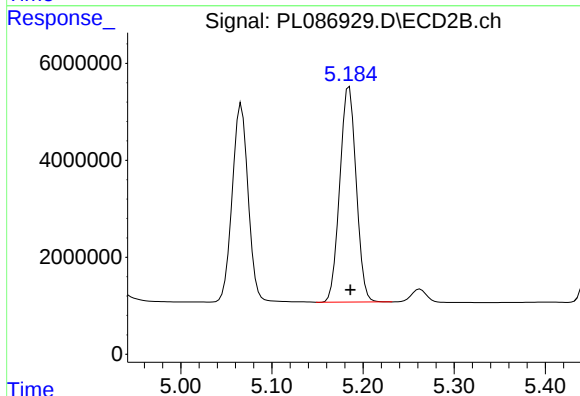
#13 Dieldrin

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 180160959
Conc: 51.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157509BS

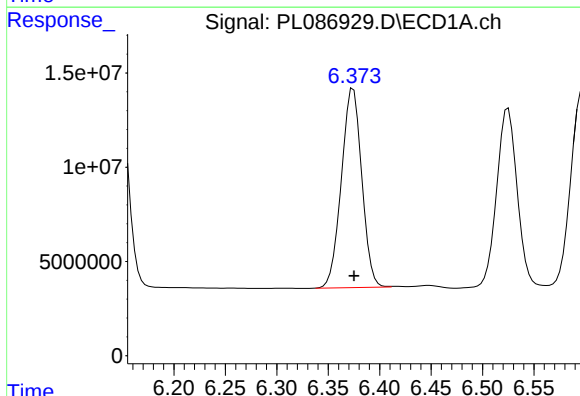
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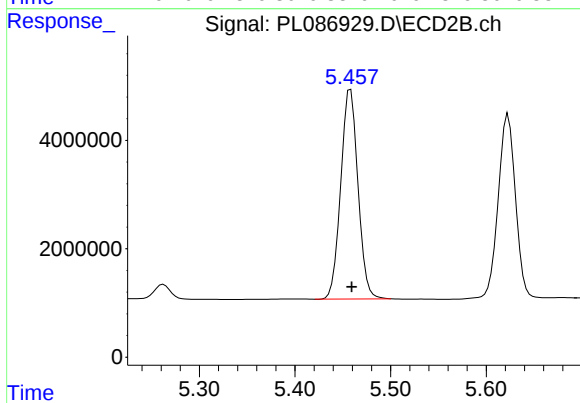
#13 Dieldrin

R.T.: 5.185 min
Delta R.T.: -0.001 min
Response: 55565253
Conc: 51.88 ng/ml



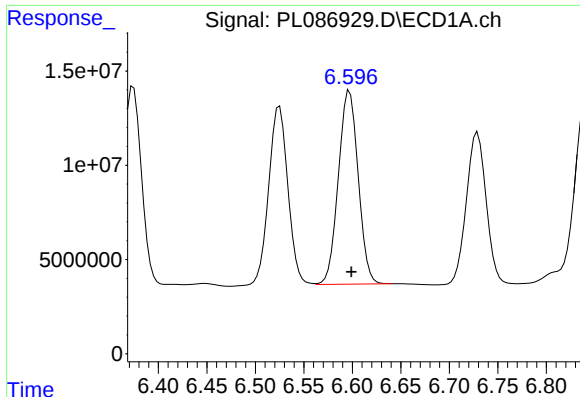
#14 Endrin

R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 145724895
Conc: 56.53 ng/ml



#14 Endrin

R.T.: 5.458 min
Delta R.T.: -0.001 min
Response: 48549391
Conc: 57.60 ng/ml



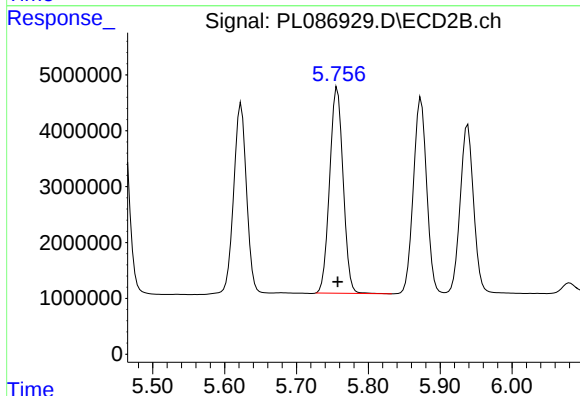
#15 Endosulfan II

R.T.: 6.597 min
Delta R.T.: -0.002 min
Response: 145812201
Conc: 51.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157509BS

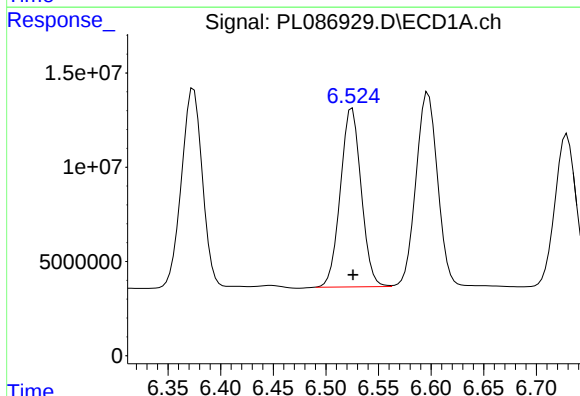
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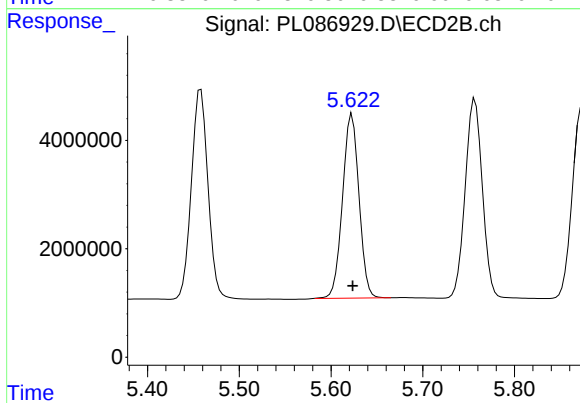
#15 Endosulfan II

R.T.: 5.757 min
Delta R.T.: 0.000 min
Response: 47977745
Conc: 51.67 ng/ml



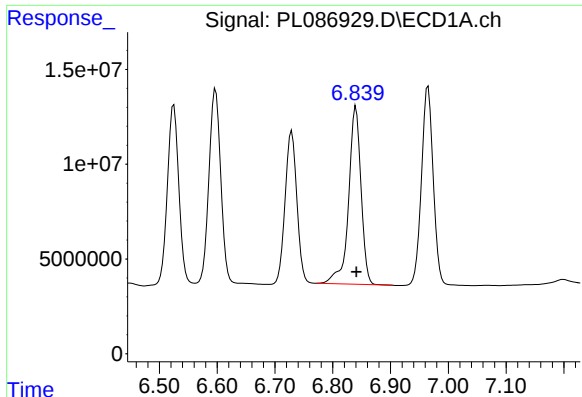
#16 4,4'-DDD

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 130538103
Conc: 55.75 ng/ml



#16 4,4'-DDD

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 42262868
Conc: 54.72 ng/ml



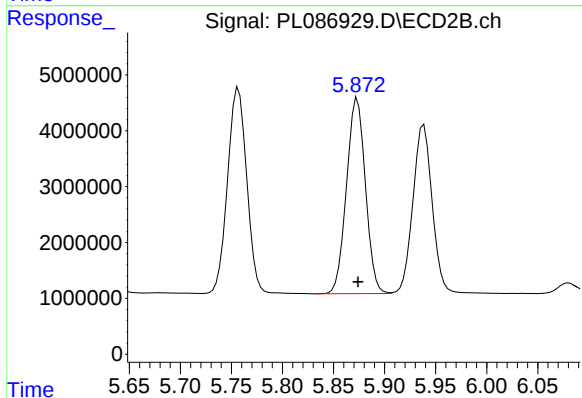
#17 4,4'-DDT

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 138664006
Conc: 54.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157509BS

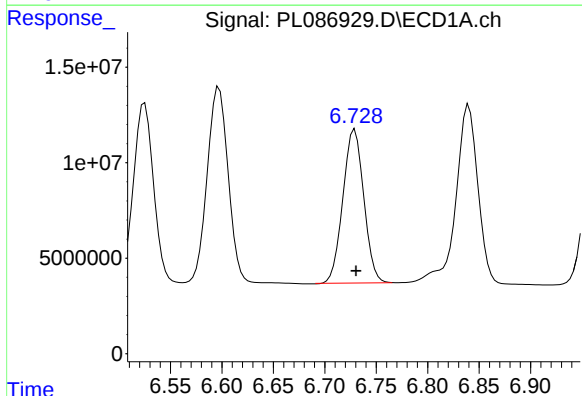
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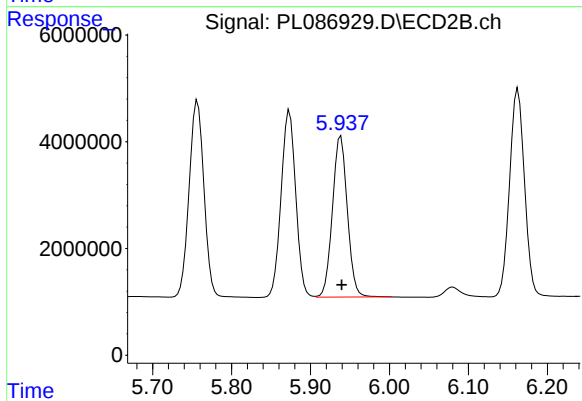
#17 4,4'-DDT

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 45117876
Conc: 55.95 ng/ml



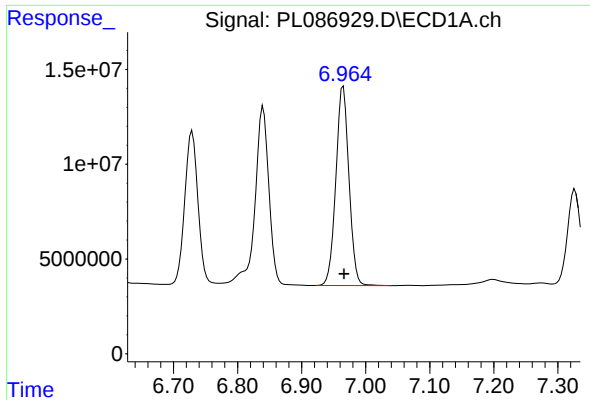
#18 Endrin aldehyde

R.T.: 6.728 min
Delta R.T.: -0.003 min
Response: 113824204
Conc: 53.36 ng/ml m



#18 Endrin aldehyde

R.T.: 5.938 min
Delta R.T.: -0.001 min
Response: 39562351
Conc: 56.63 ng/ml



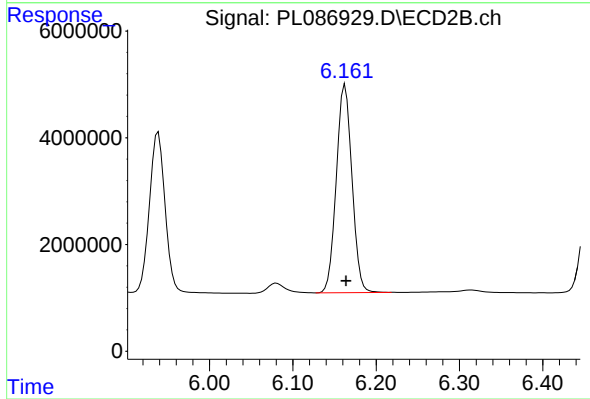
#19 Endosulfan Sulfate

R.T.: 6.965 min
Delta R.T.: -0.001 min
Response: 149408022
Conc: 52.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
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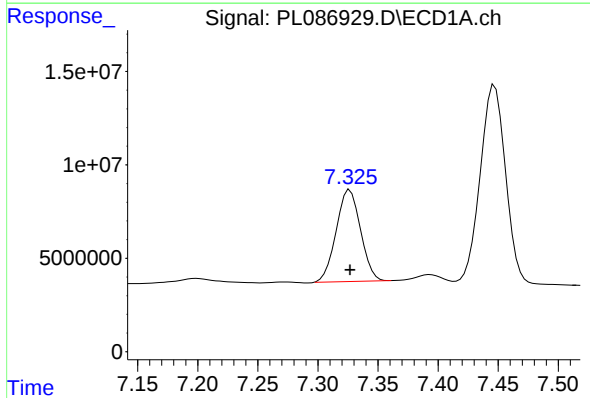
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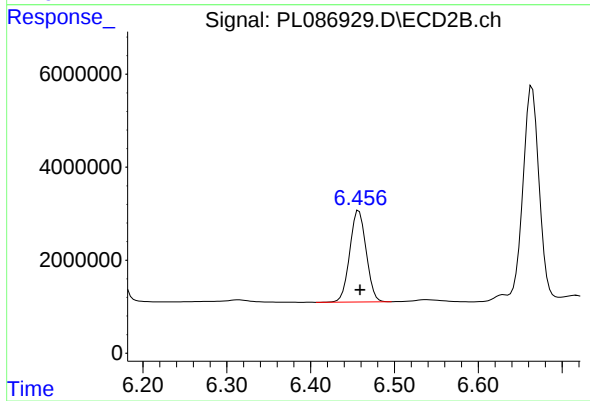
#19 Endosulfan Sulfate

R.T.: 6.163 min
Delta R.T.: -0.001 min
Response: 50990327
Conc: 53.74 ng/ml



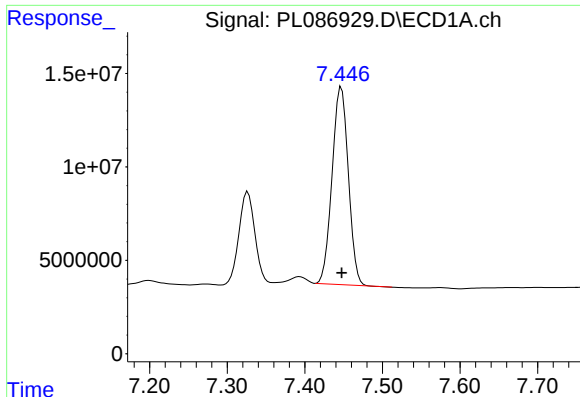
#20 Methoxychlor

R.T.: 7.327 min
Delta R.T.: 0.000 min
Response: 69252332
Conc: 52.44 ng/ml



#20 Methoxychlor

R.T.: 6.458 min
Delta R.T.: -0.001 min
Response: 26738403
Conc: 51.95 ng/ml



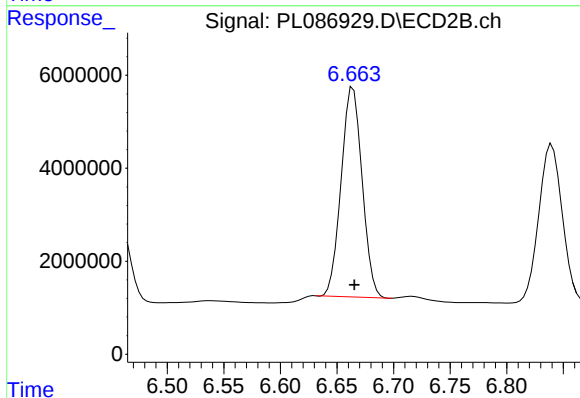
#21 Endrin ketone

R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 153906322
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157509BS

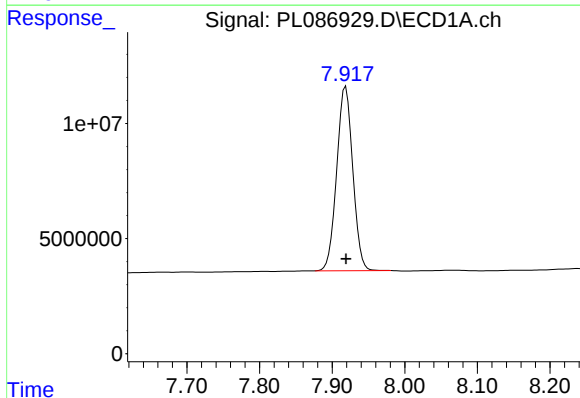
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :Ankita Jodhani 12/04/2023



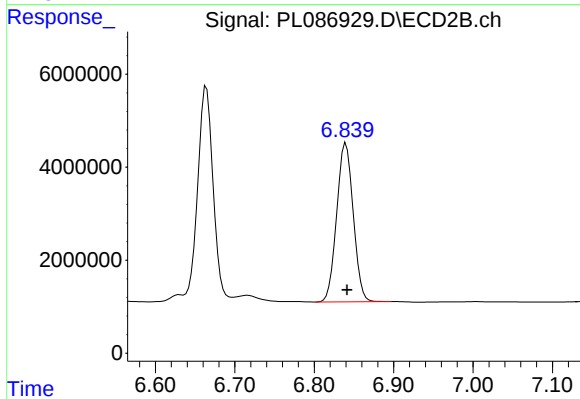
#21 Endrin ketone

R.T.: 6.664 min
Delta R.T.: -0.001 min
Response: 58240645
Conc: 51.02 ng/ml



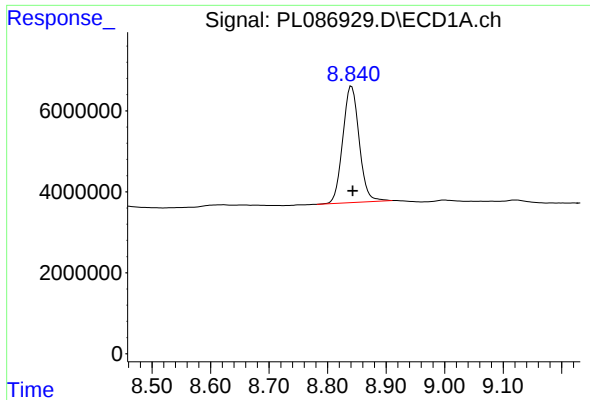
#22 Mirex

R.T.: 7.919 min
Delta R.T.: 0.000 min
Response: 123065494
Conc: 48.12 ng/ml



#22 Mirex

R.T.: 6.840 min
Delta R.T.: -0.001 min
Response: 49510639
Conc: 47.70 ng/ml



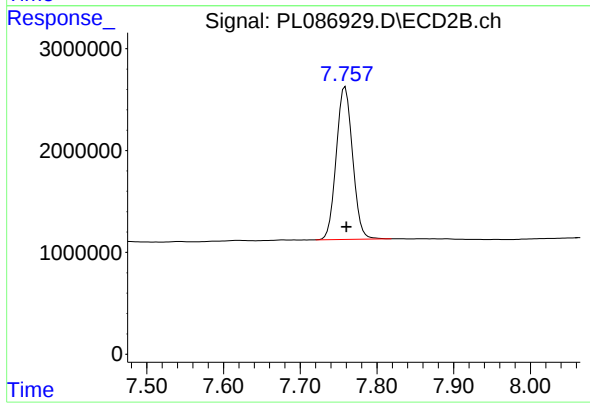
#28 Decachlorobiphenyl

R.T.: 8.841 min
Delta R.T.: -0.002 min
Response: 56201815
Conc: 21.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157509BS

Manual Integrations
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Supervised By :Ankita Jodhani 12/04/2023



#28 Decachlorobiphenyl

R.T.: 7.759 min
Delta R.T.: -0.002 min
Response: 22190735
Conc: 20.13 ng/ml