

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050522\
 Data File : PL074575.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2022 05:02
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/06/2022
 Supervised By : mohammad ahmed 05/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 08:11:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 2022
 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...	4.633	5.489	15282774	81489884	47.299	45.705
28)	SA Decachlor...	10.405	11.333	23474588	82313746	45.141	46.602
Target Compounds							
2)	A alpha-BHC	5.341	6.052	20333372	116.3E6	48.452	46.196
3)	MA gamma-BHC...	5.765	6.441	20316059	109.0E6	48.441	46.060
4)	MA Heptachlor	6.176	7.100	19837196	109.1E6	44.038	41.812
5)	MB Aldrin	6.500	7.468	20581059	110.2E6	49.587	46.938
6)	B beta-BHC	6.146	6.678	9514596	50525824	46.565	44.831
7)	B delta-BHC	6.407	6.946	20524213	112.3E6	49.615	45.980
8)	B Heptachlo...	7.077	7.925	21165385	104.1E6	49.344	46.256
9)	A Endosulfan I	7.480	8.326	20386354	92731113	49.708	47.104
10)	B gamma-Chl...	7.355	8.193	21740822	102.1E6	49.570	45.756
11)	B alpha-Chl...	7.425	8.276	21764146	99576445	49.265	46.259
12)	B 4,4'-DDE	7.639	8.461	18206600	93468452	49.906	46.929
13)	MA Dieldrin	7.767	8.611	20866274	91314601	48.575	45.537
14)	MA Endrin	8.059	8.846	19108858	78094632	47.039	46.110
15)	B Endosulfa...	8.369	9.070	19104676	76925354	46.353	44.280
16)	A 4,4'-DDD	8.224	8.987	16791205	74403192	51.997	48.358m
17)	MA 4,4'-DDT	8.486	9.307	14733288	64352158	39.859	36.302
18)	B Endrin al...	8.558	9.202	15294252	56964277	47.270	44.103
19)	B Endosulfa...	8.789	9.440	20140552	74035393	47.165	44.484
20)	A Methoxychlor	9.081	9.788	9384202	32669527	37.799	33.965
21)	B Endrin ke...	9.308	9.929	23111233	78072143	47.306	45.104
22)	Mirex	9.495	10.405	21389185	60917593	45.860	44.226

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050522\
 Data File : PL074575.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2022 05:02
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

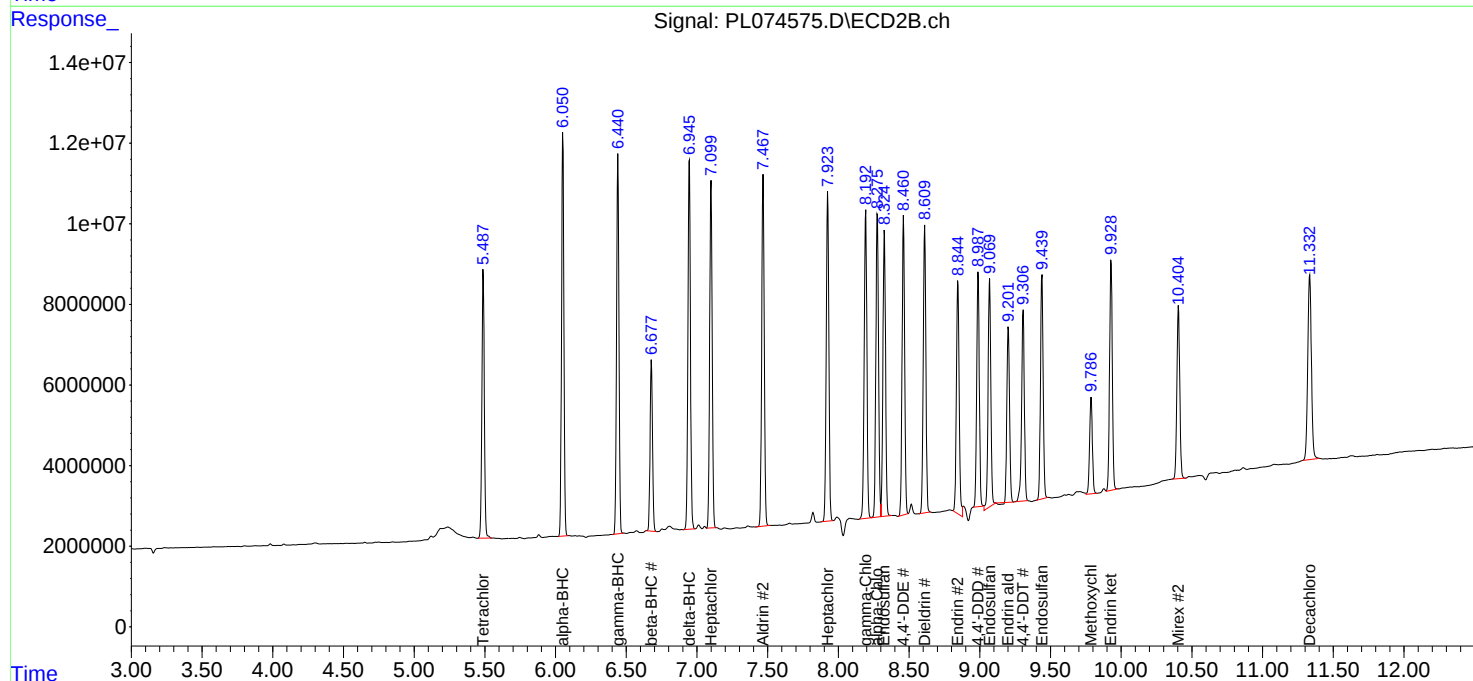
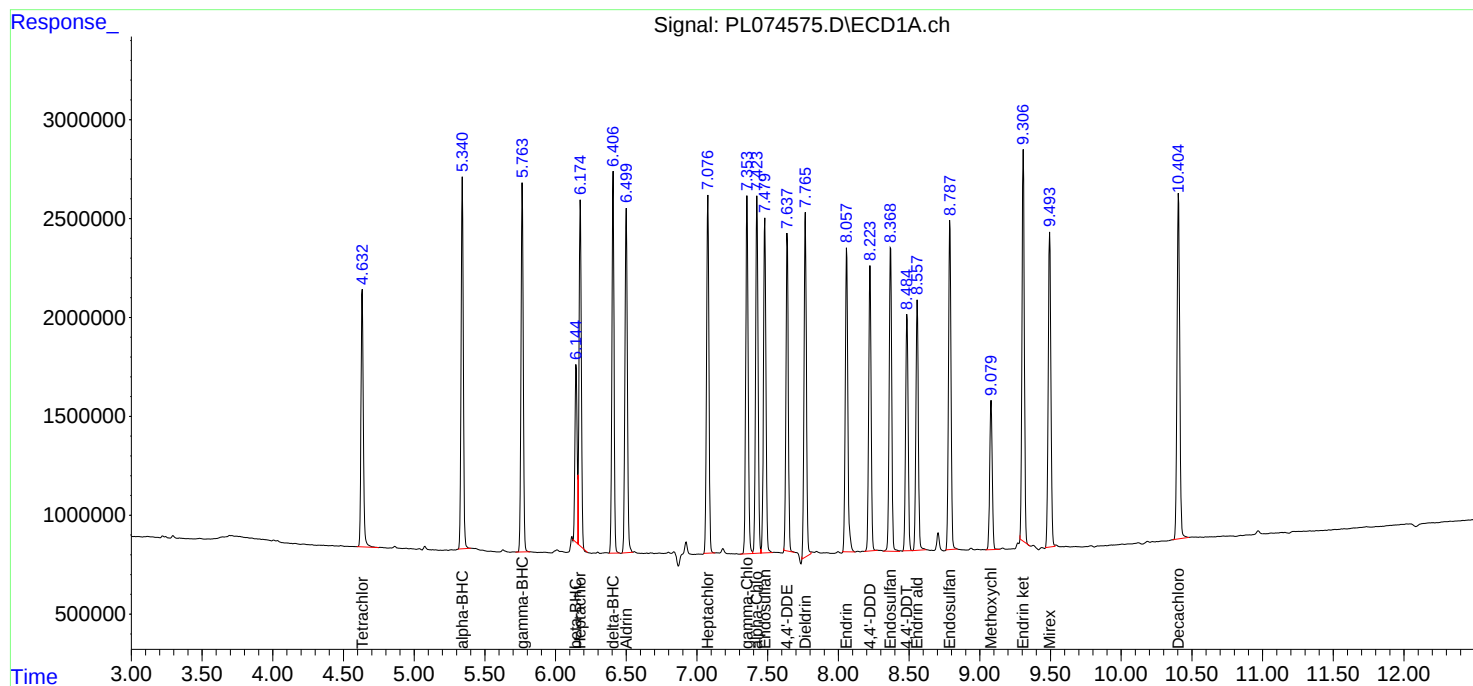
APPROVED

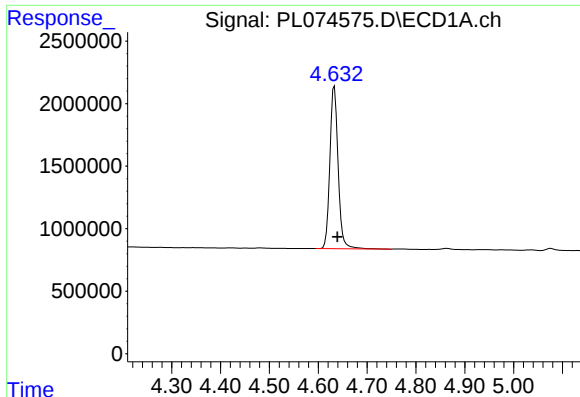
Reviewed By :Abdul Mirza 05/06/2022

Supervised By :mohammad ahmed 05/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 08:11:02 2022
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





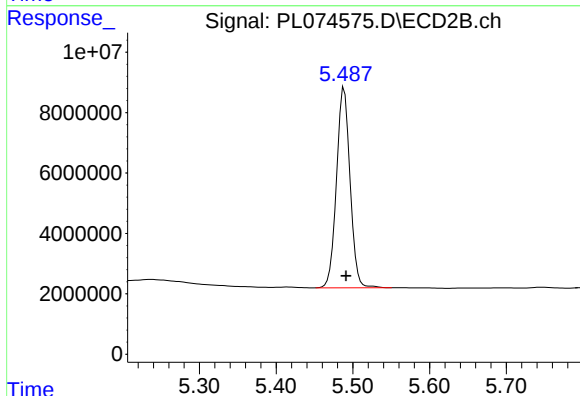
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: -0.006 min
Response: 15282774
Conc: 47.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

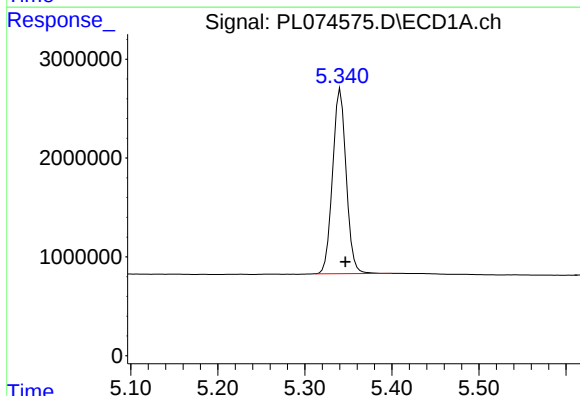
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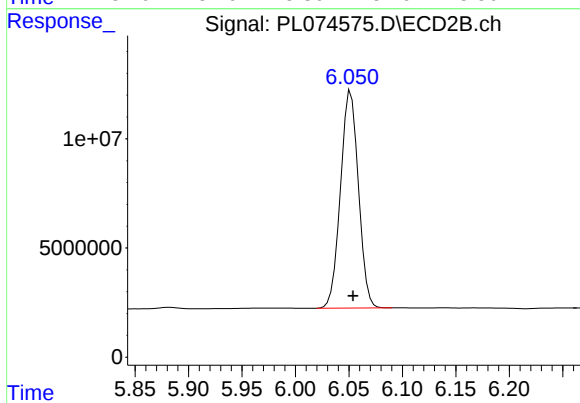
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 81489884
Conc: 45.70 ng/ml



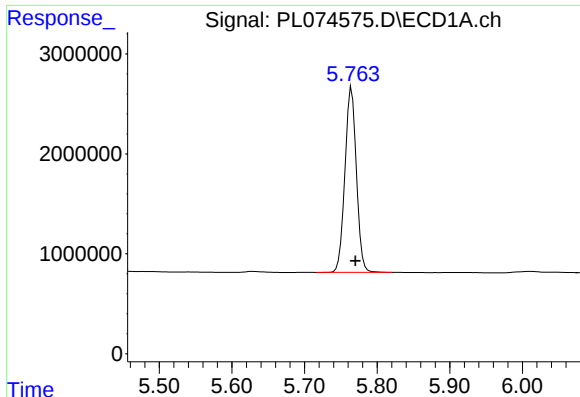
#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: -0.006 min
Response: 20333372
Conc: 48.45 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 116324774
Conc: 46.20 ng/ml



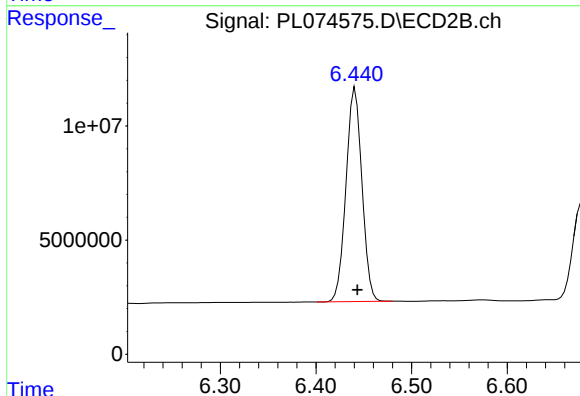
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.005 min
Response: 20316059
Conc: 48.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

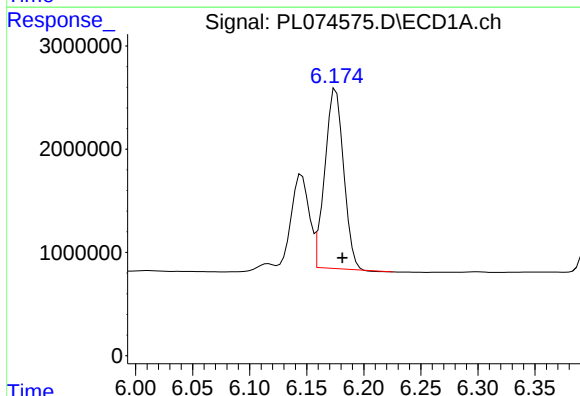
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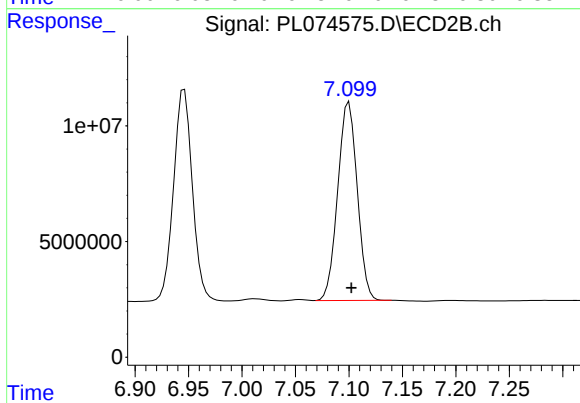
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 109029141
Conc: 46.06 ng/ml



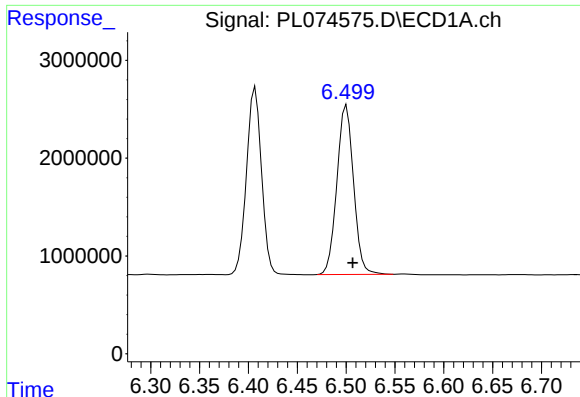
#4 Heptachlor

R.T.: 6.176 min
Delta R.T.: -0.006 min
Response: 19837196
Conc: 44.04 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 109063050
Conc: 41.81 ng/ml



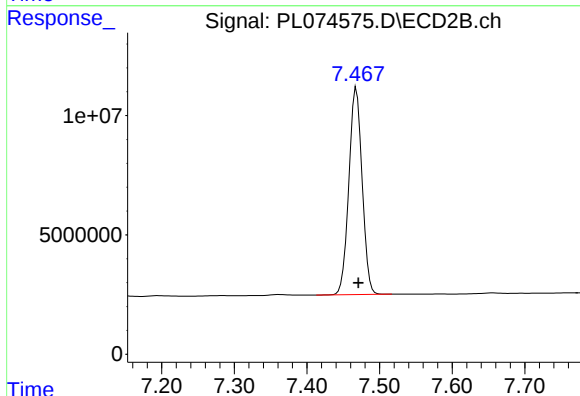
#5 Aldrin

R.T.: 6.500 min
Delta R.T.: -0.006 min
Response: 20581059
Conc: 49.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

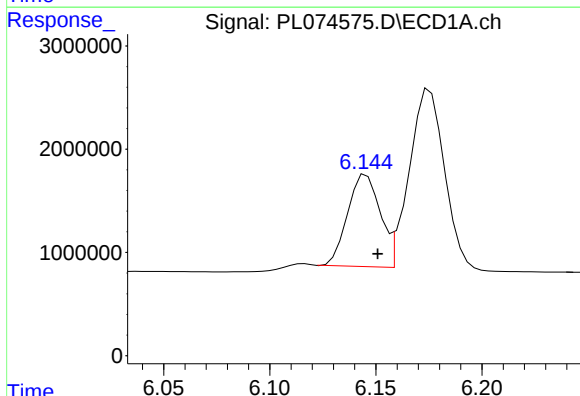
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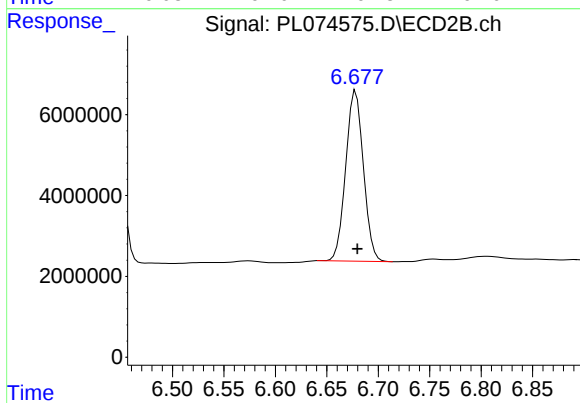
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 110239615
Conc: 46.94 ng/ml



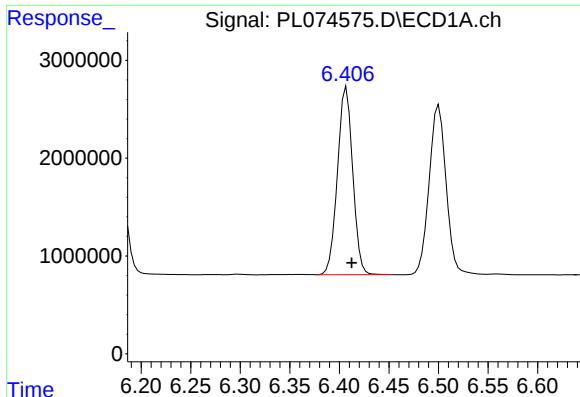
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 9514596
Conc: 46.57 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 50525824
Conc: 44.83 ng/ml



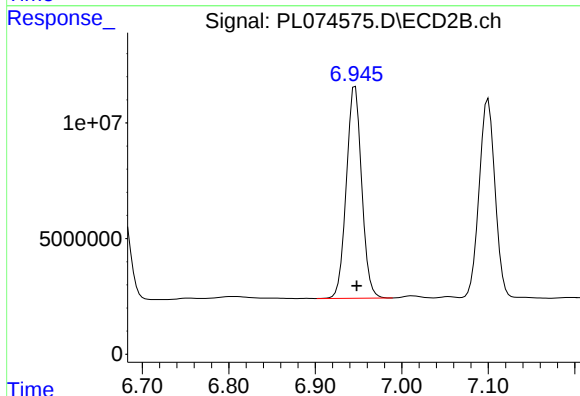
#7 delta-BHC

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 20524213
Conc: 49.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

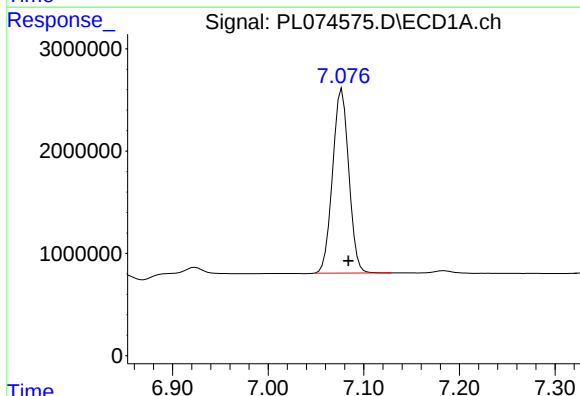
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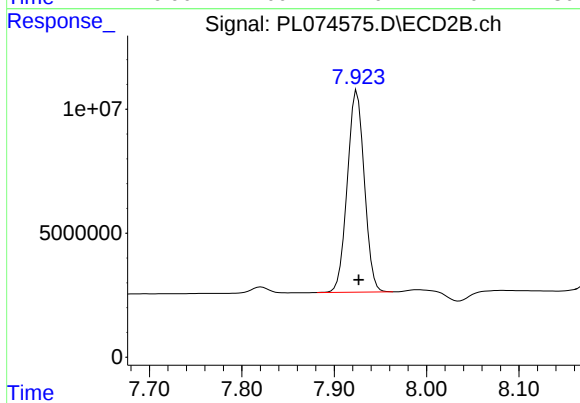
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 112294809
Conc: 45.98 ng/ml



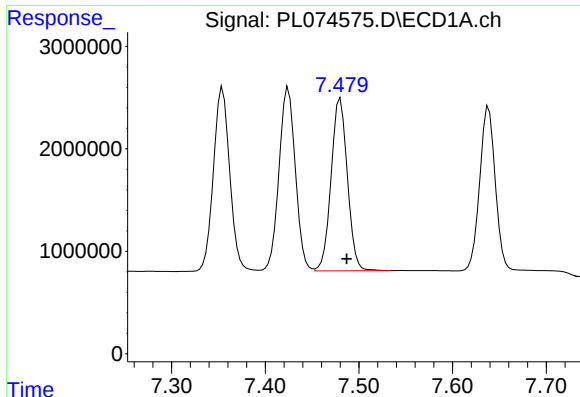
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 21165385
Conc: 49.34 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 104148407
Conc: 46.26 ng/ml



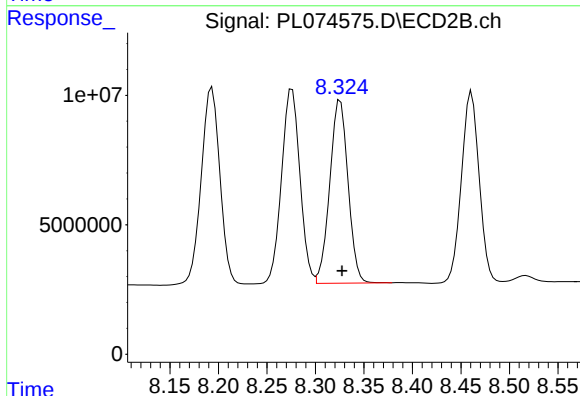
#9 Endosulfan I

R.T.: 7.480 min
Delta R.T.: -0.007 min
Response: 20386354
Conc: 49.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

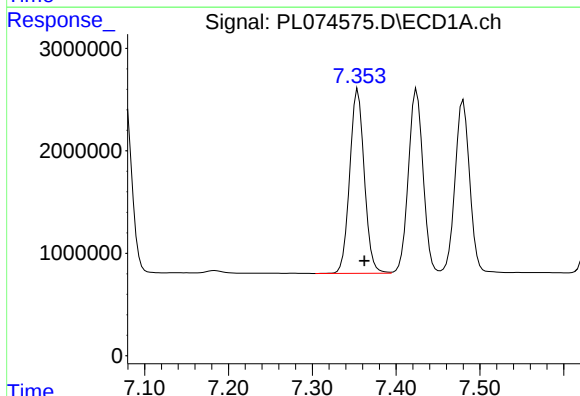
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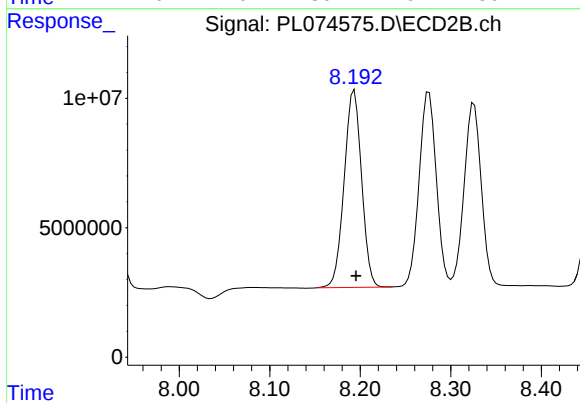
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.002 min
Response: 92731113
Conc: 47.10 ng/ml



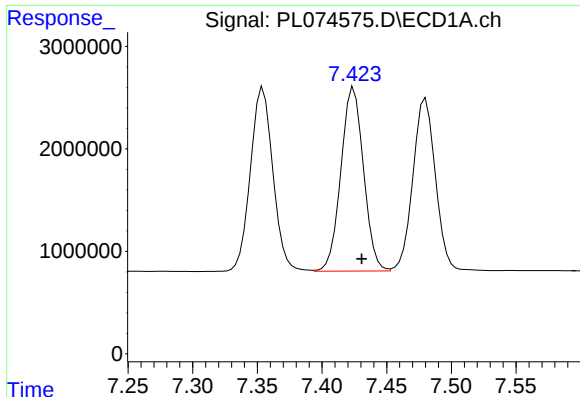
#10 gamma-Chlordane

R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 21740822
Conc: 49.57 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 102052072
Conc: 45.76 ng/ml



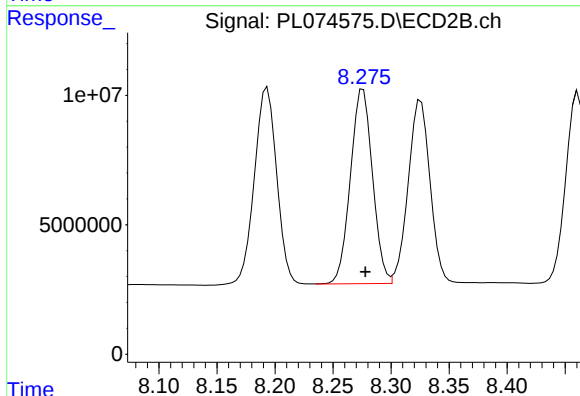
#11 alpha-Chlordane

R.T.: 7.425 min
Delta R.T.: -0.006 min
Response: 21764146
Conc: 49.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

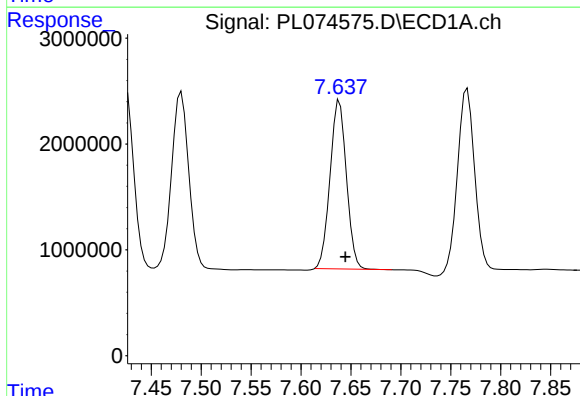
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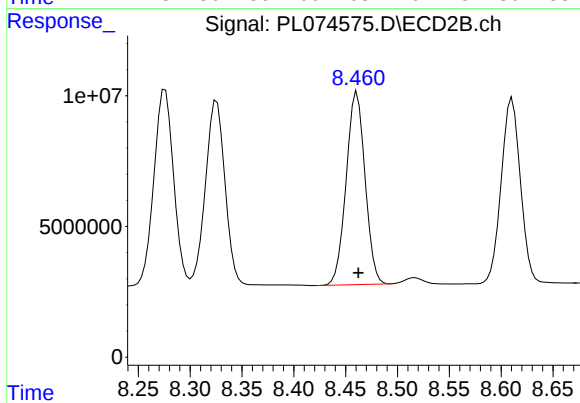
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 99576445
Conc: 46.26 ng/ml



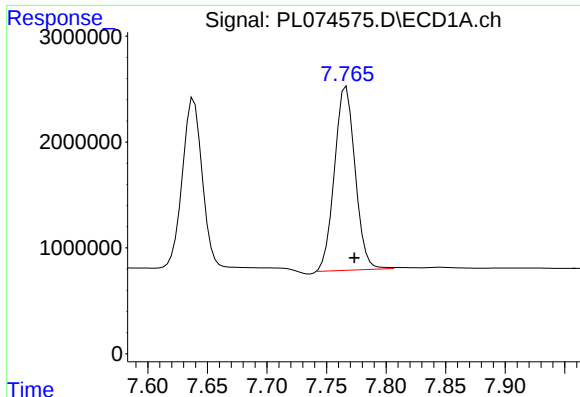
#12 4,4'-DDE

R.T.: 7.639 min
Delta R.T.: -0.006 min
Response: 18206600
Conc: 49.91 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.001 min
Response: 93468452
Conc: 46.93 ng/ml



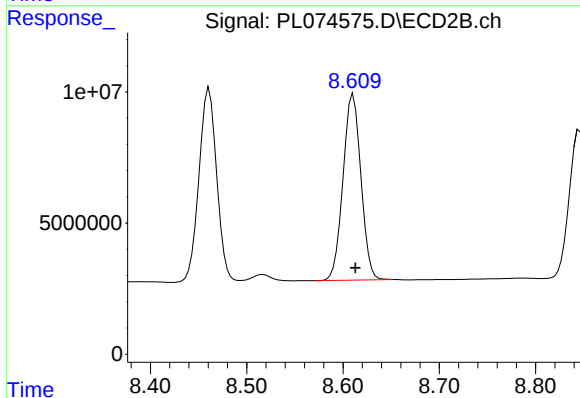
#13 Dieldrin

R.T.: 7.767 min
Delta R.T.: -0.007 min
Response: 20866274
Conc: 48.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

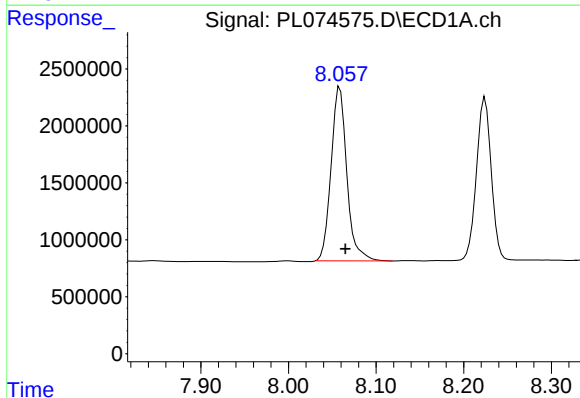
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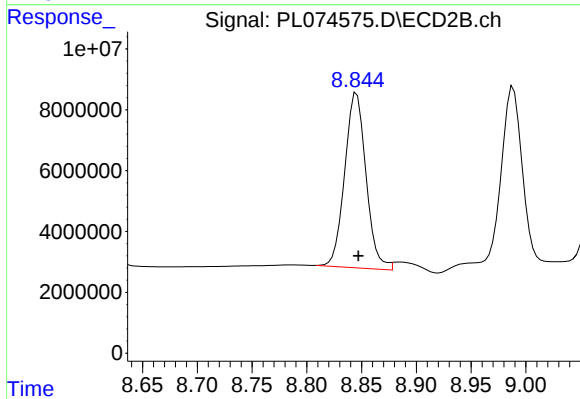
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 91314601
Conc: 45.54 ng/ml



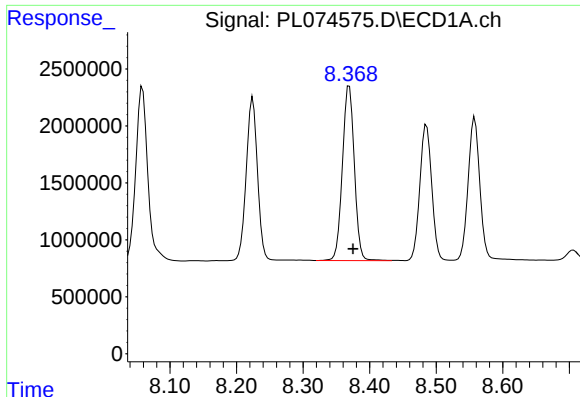
#14 Endrin

R.T.: 8.059 min
Delta R.T.: -0.006 min
Response: 19108858
Conc: 47.04 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: -0.002 min
Response: 78094632
Conc: 46.11 ng/ml



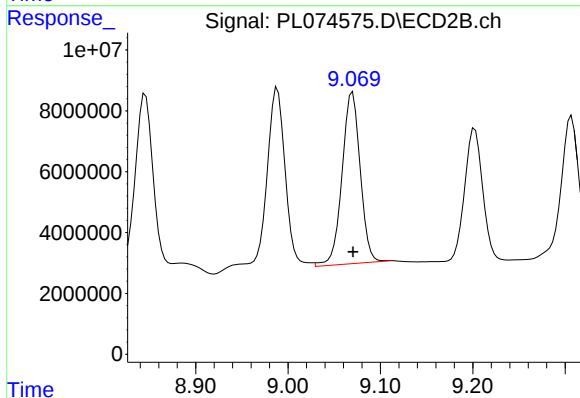
#15 Endosulfan II

R.T.: 8.369 min
Delta R.T.: -0.006 min
Response: 19104676
Conc: 46.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

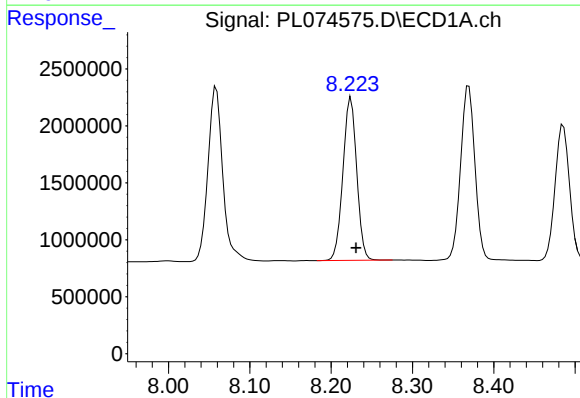
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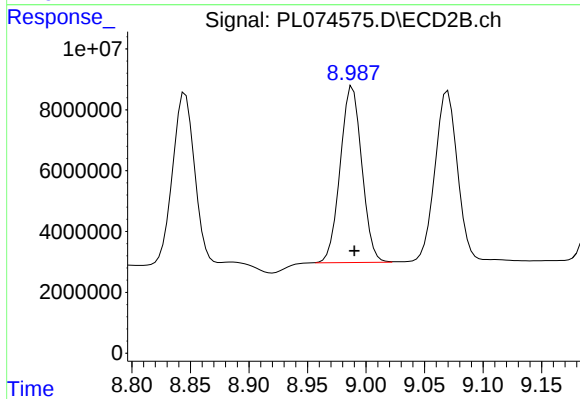
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 76925354
Conc: 44.28 ng/ml



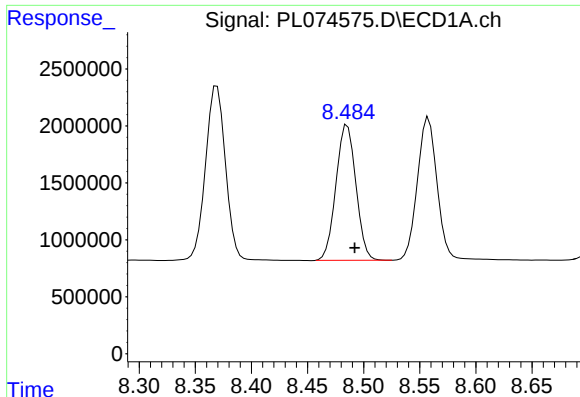
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.006 min
Response: 16791205
Conc: 52.00 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 74403192
Conc: 48.36 ng/ml m



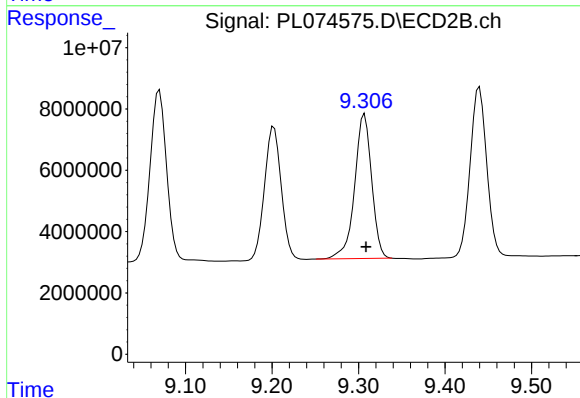
#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.006 min
Response: 14733288
Conc: 39.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

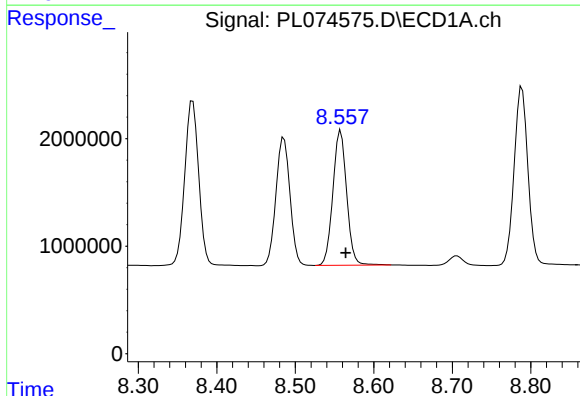
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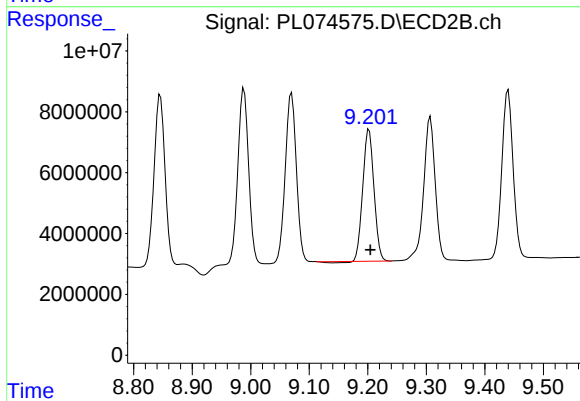
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 64352158
Conc: 36.30 ng/ml



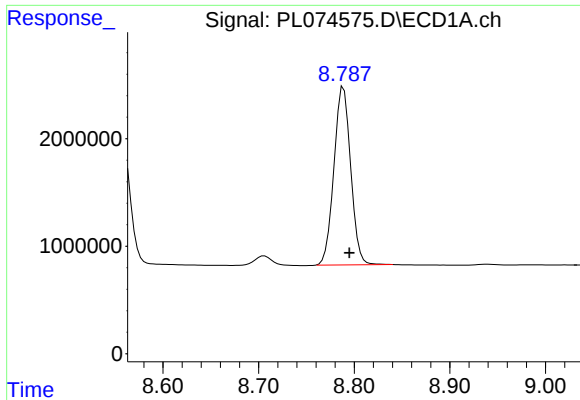
#18 Endrin aldehyde

R.T.: 8.558 min
Delta R.T.: -0.006 min
Response: 15294252
Conc: 47.27 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.002 min
Response: 56964277
Conc: 44.10 ng/ml



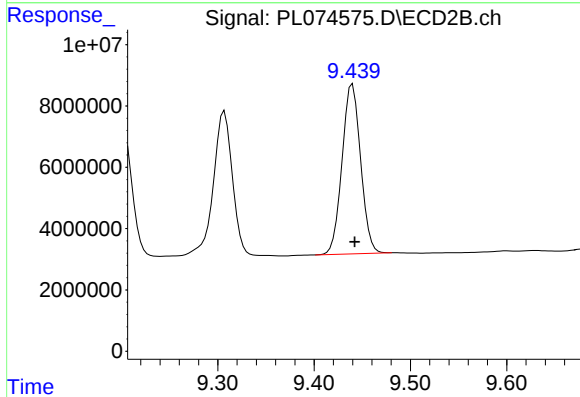
#19 Endosulfan Sulfate

R.T.: 8.789 min
Delta R.T.: -0.006 min
Response: 20140552
Conc: 47.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

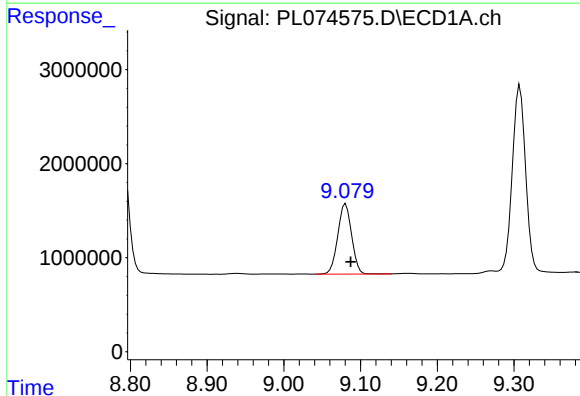
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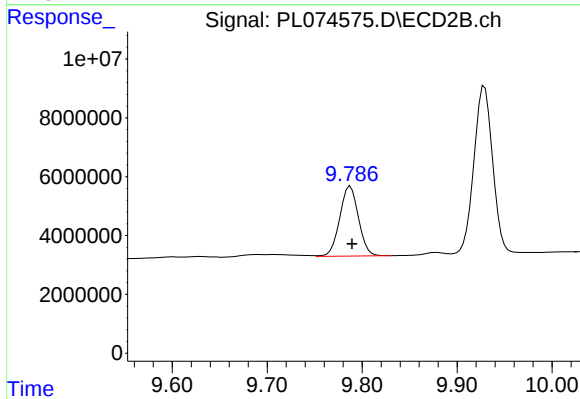
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 74035393
Conc: 44.48 ng/ml



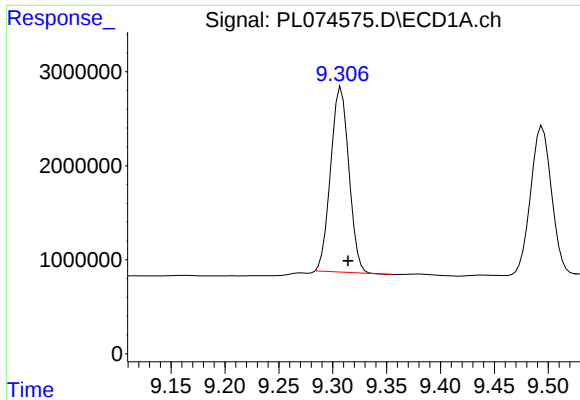
#20 Methoxychlor

R.T.: 9.081 min
Delta R.T.: -0.007 min
Response: 9384202
Conc: 37.80 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: -0.002 min
Response: 32669527
Conc: 33.97 ng/ml



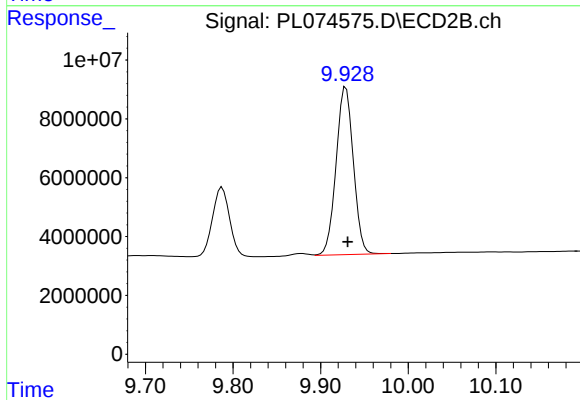
#21 Endrin ketone

R.T.: 9.308 min
Delta R.T.: -0.006 min
Response: 23111233
Conc: 47.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

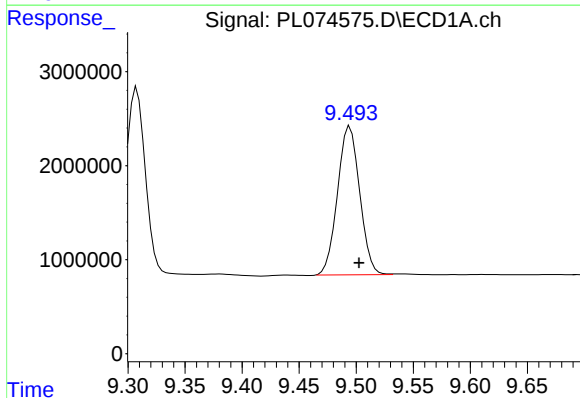
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Reviewed By :Abdul Mirza 05/06/2022
Supervised By :mohammad ahmed 05/06/2022



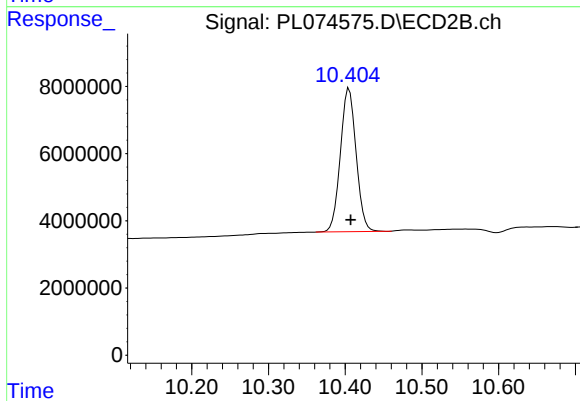
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 78072143
Conc: 45.10 ng/ml



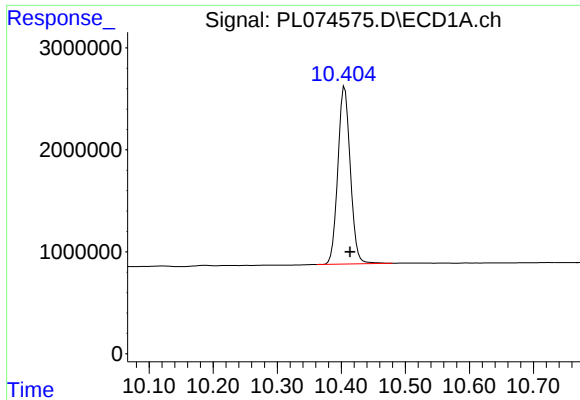
#22 Mirex

R.T.: 9.495 min
Delta R.T.: -0.008 min
Response: 21389185
Conc: 45.86 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.002 min
Response: 60917593
Conc: 44.23 ng/ml



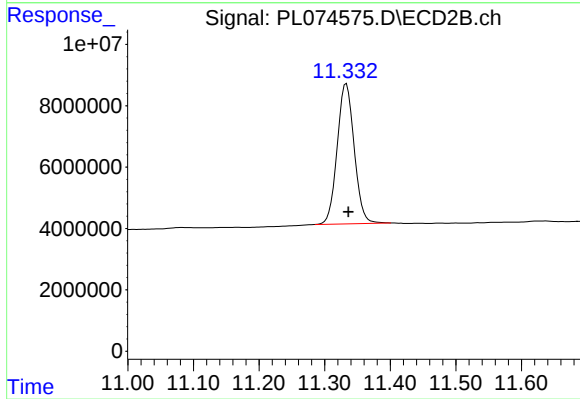
#28 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.009 min
Response: 23474588
Conc: 45.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/06/2022
Supervised By :mohammad ahmed 05/06/2022



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 82313746
Conc: 46.60 ng/ml