

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122121\
 Data File : PL071546.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2021 10:11
 Operator : AR\AJ
 Sample : PB141590BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB141590BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/22/2021
 Supervised By : mohammad ahmed 12/22/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 00:31:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 14:29:34 2021
 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...	4.562	5.498	8928110	22457914	18.836	18.851
28)	SA Decachlor...	10.323	11.389	15002933	23713445	22.581	21.826
Target Compounds							
2)	A alpha-BHC	5.268	6.079	32237334	83403413	50.690	48.499
3)	MA gamma-BHC...	5.691	6.475	31254035	78901558	47.830	49.434
4)	MA Heptachlor	6.098	7.121	34652111	81010086	50.160	50.751
5)	MB Aldrin	6.421	7.491	31055506	73871800	50.433	50.578
6)	B beta-BHC	6.075	6.733	14469615	35127025	50.672	43.884
7)	B delta-BHC	6.333	6.999	31854166	79844629	50.932	52.256
8)	B Heptachlo...	6.999	7.958	31223265	71438863	51.014	53.256
9)	A Endosulfan I	7.401	8.363	29881255	63866877	51.470	53.212
10)	B gamma-Chl...	7.276	8.228	32037363	71475119	51.614	55.277
11)	B alpha-Chl...	7.345	8.308	32220800	68793585	51.659	54.145
12)	B 4,4'-DDE	7.560	8.498	28644406	65280632	52.488	54.804
13)	MA Dieldrin	7.686	8.652	30687158	64980613	52.402	53.447
14)	MA Endrin	7.977	8.891	28645691	55494580	52.300	54.777
15)	B Endosulfa...	8.289	9.125	27867418	53803280	51.131	53.316m
16)	A 4,4'-DDD	8.146	9.037	24752958	50938872	52.591	57.708m
17)	MA 4,4'-DDT	8.406	9.354	26278867	53884691	51.493	54.492
18)	B Endrin al...	8.478	9.261	23464313	44214088	55.178	58.697
19)	B Endosulfa...	8.709	9.499	29855410	53397515	52.003	54.482
20)	A Methoxychlor	9.002	9.842	16194387	25947646	49.998	51.691
21)	B Endrin ke...	9.225	9.996	36804808	57246517	55.803m	54.439
22)	Mirex	9.409	10.458	30267919	43812032	52.170	54.435

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122121\
Data File : PL071546.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Dec 2021 10:11
Operator : AR\AJ
Sample : PB141590BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

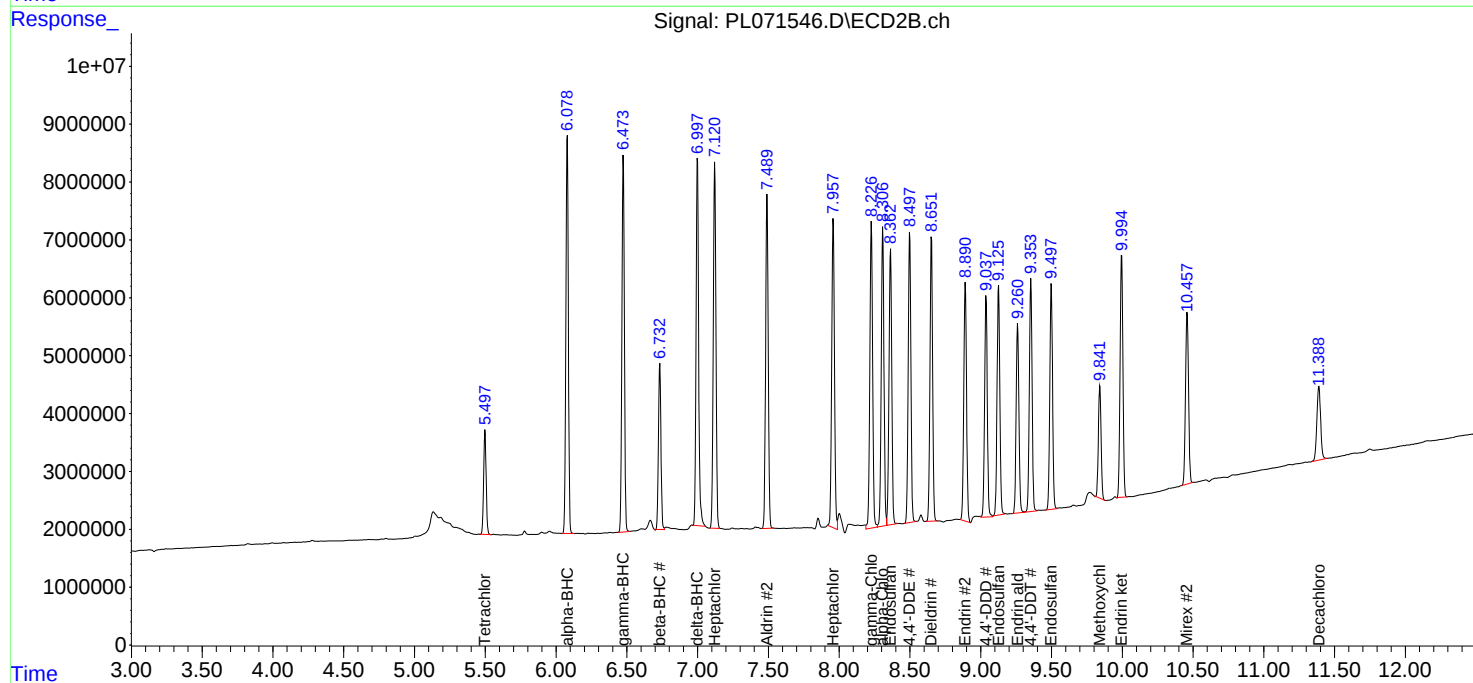
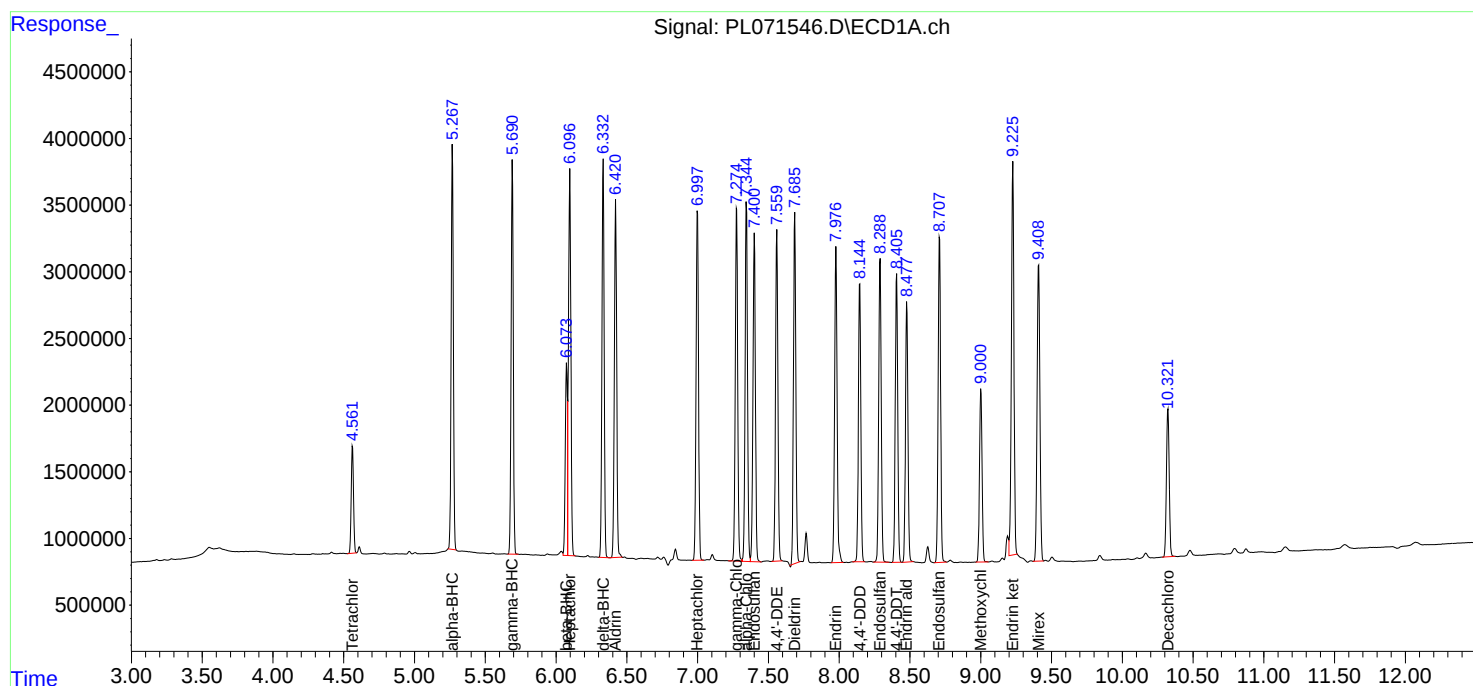
Instrument :
ECD_L
ClientSampleId :
PB141590BS

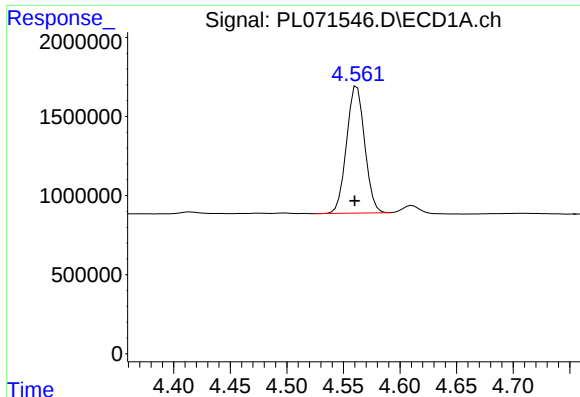
Manual Integrations
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Supervised By :mohammad ahmed 12/22/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 22 00:31:21 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
Quant Title : GC Extractables
QLast Update : Tue Dec 14 14:29:34 2021
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





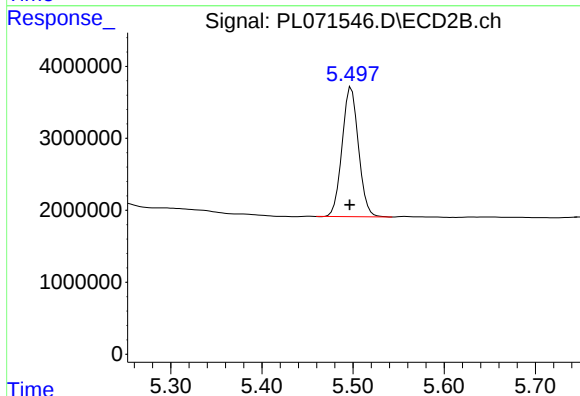
#1 Tetrachloro-m-xylene

R.T.: 4.562 min
Delta R.T.: 0.002 min
Response: 8928110
Conc: 18.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141590BS

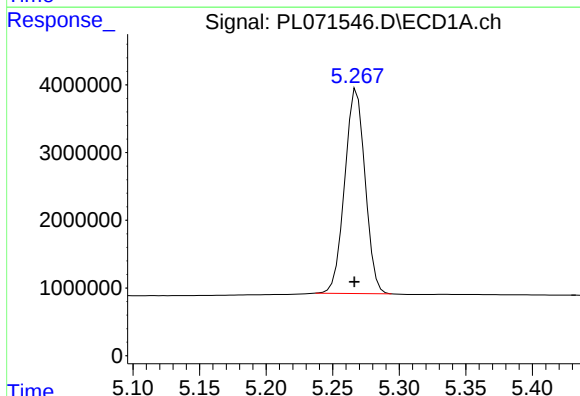
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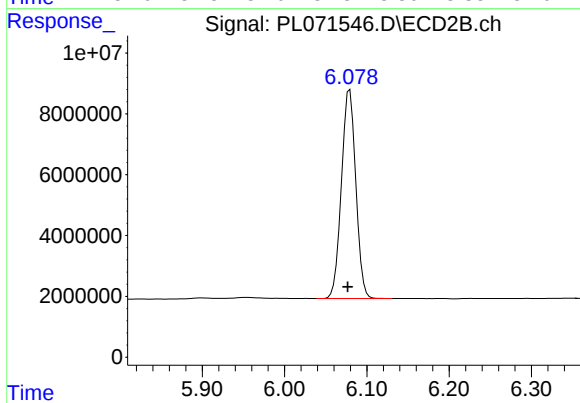
#1 Tetrachloro-m-xylene

R.T.: 5.498 min
Delta R.T.: 0.002 min
Response: 22457914
Conc: 18.85 ng/ml



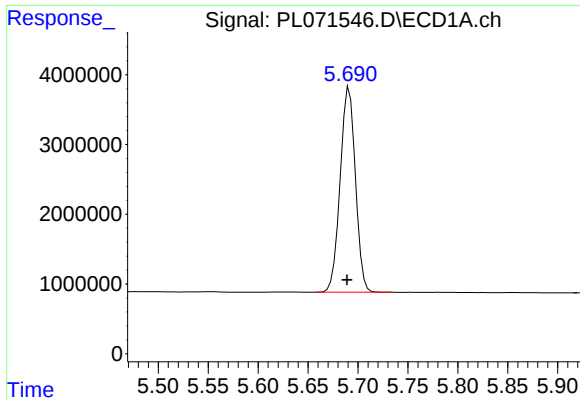
#2 alpha-BHC

R.T.: 5.268 min
Delta R.T.: 0.002 min
Response: 32237334
Conc: 50.69 ng/ml



#2 alpha-BHC

R.T.: 6.079 min
Delta R.T.: 0.002 min
Response: 83403413
Conc: 48.50 ng/ml



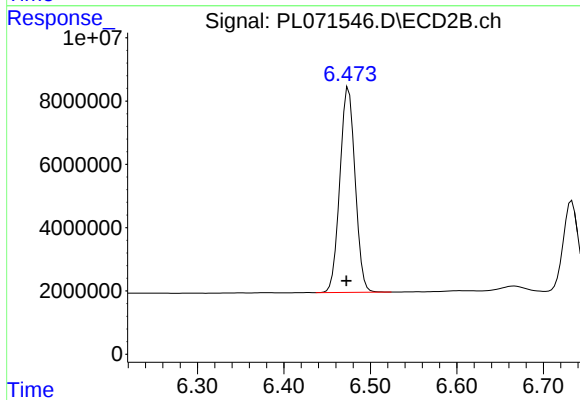
#3 gamma-BHC (Lindane)

R.T.: 5.691 min
Delta R.T.: 0.002 min
Response: 31254035
Conc: 47.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141590BS

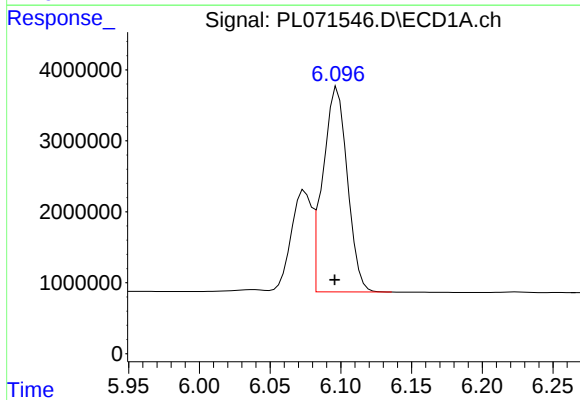
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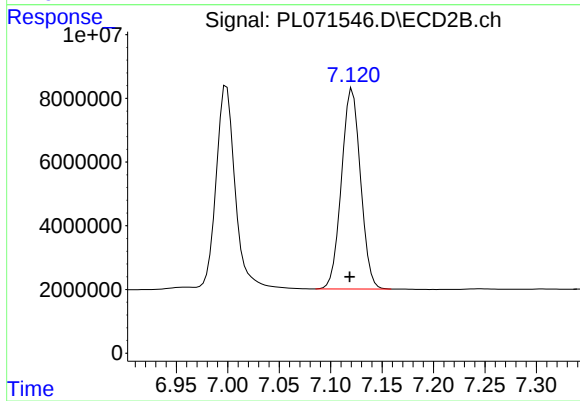
#3 gamma-BHC (Lindane)

R.T.: 6.475 min
Delta R.T.: 0.002 min
Response: 78901558
Conc: 49.43 ng/ml



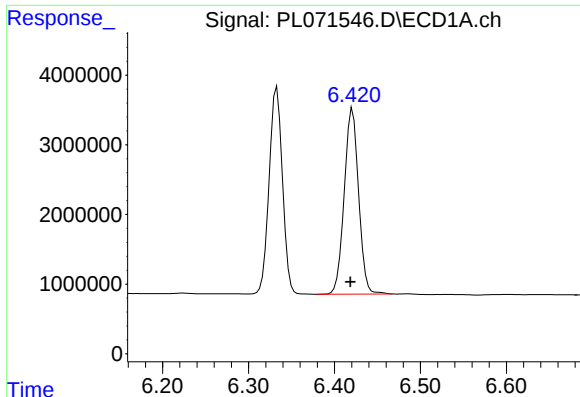
#4 Heptachlor

R.T.: 6.098 min
Delta R.T.: 0.002 min
Response: 34652111
Conc: 50.16 ng/ml



#4 Heptachlor

R.T.: 7.121 min
Delta R.T.: 0.002 min
Response: 81010086
Conc: 50.75 ng/ml



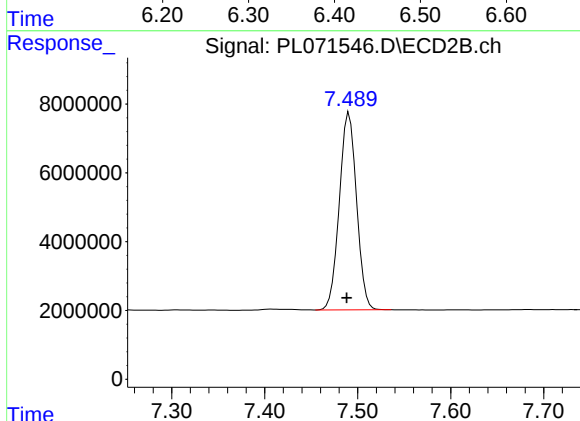
#5 Aldrin

R.T.: 6.421 min
Delta R.T.: 0.002 min
Response: 31055506
Conc: 50.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141590BS

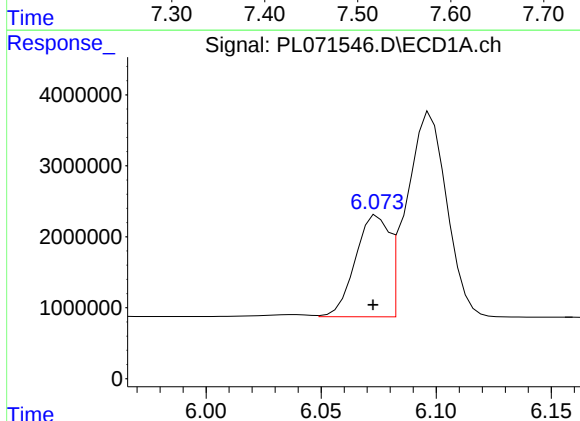
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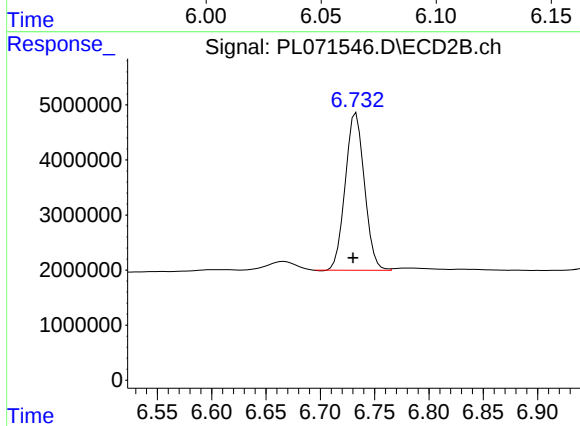
#5 Aldrin

R.T.: 7.491 min
Delta R.T.: 0.003 min
Response: 73871800
Conc: 50.58 ng/ml



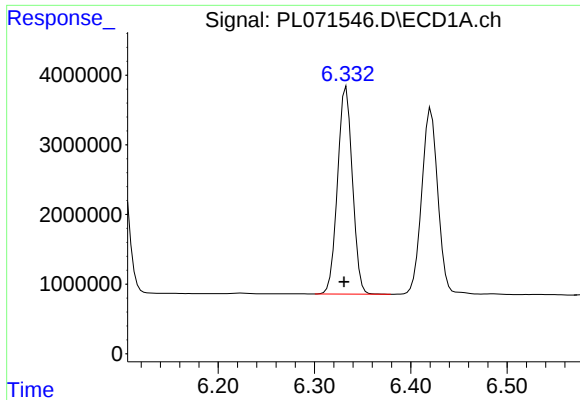
#6 beta-BHC

R.T.: 6.075 min
Delta R.T.: 0.002 min
Response: 14469615
Conc: 50.67 ng/ml



#6 beta-BHC

R.T.: 6.733 min
Delta R.T.: 0.003 min
Response: 35127025
Conc: 43.88 ng/ml



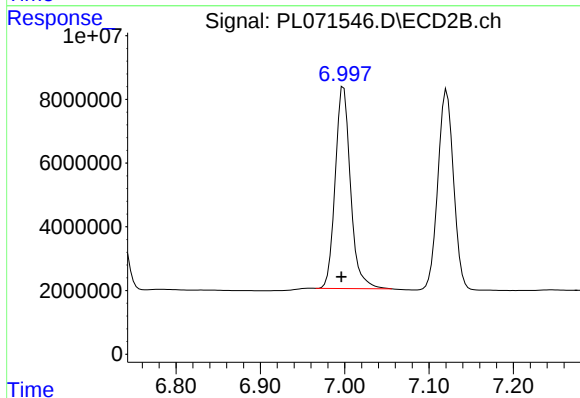
#7 delta-BHC

R.T.: 6.333 min
Delta R.T.: 0.002 min
Response: 31854166
Conc: 50.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141590BS

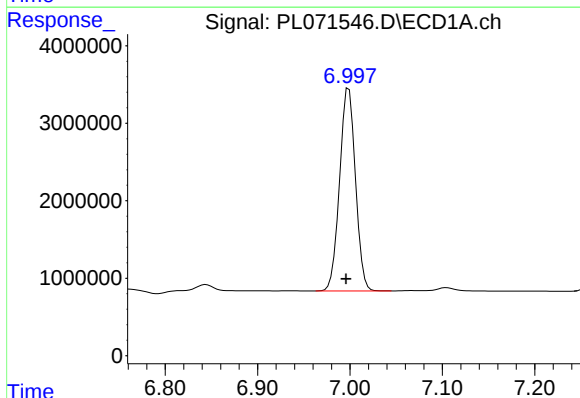
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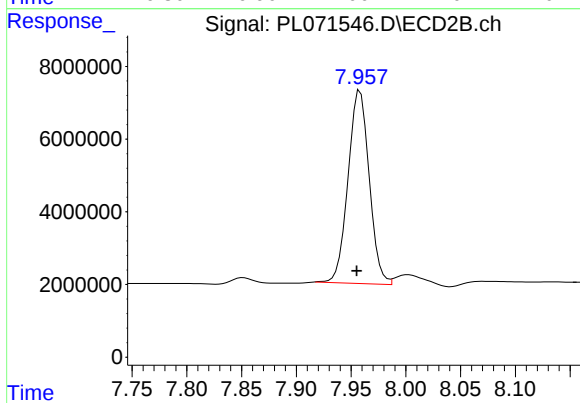
#7 delta-BHC

R.T.: 6.999 min
Delta R.T.: 0.003 min
Response: 79844629
Conc: 52.26 ng/ml



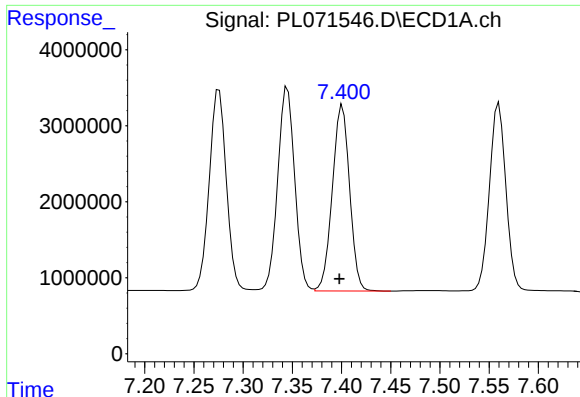
#8 Heptachlor epoxide

R.T.: 6.999 min
Delta R.T.: 0.003 min
Response: 31223265
Conc: 51.01 ng/ml



#8 Heptachlor epoxide

R.T.: 7.958 min
Delta R.T.: 0.003 min
Response: 71438863
Conc: 53.26 ng/ml



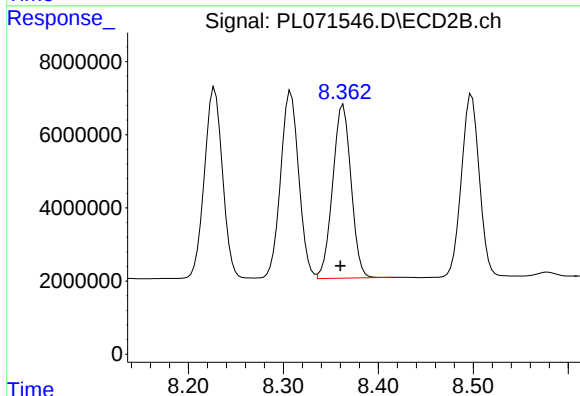
#9 Endosulfan I

R.T.: 7.401 min
Delta R.T.: 0.003 min
Response: 29881255
Conc: 51.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141590BS

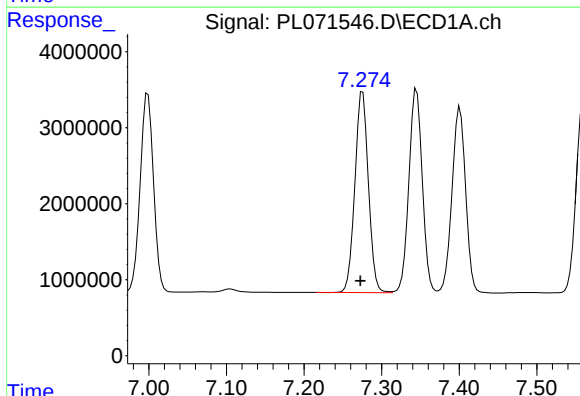
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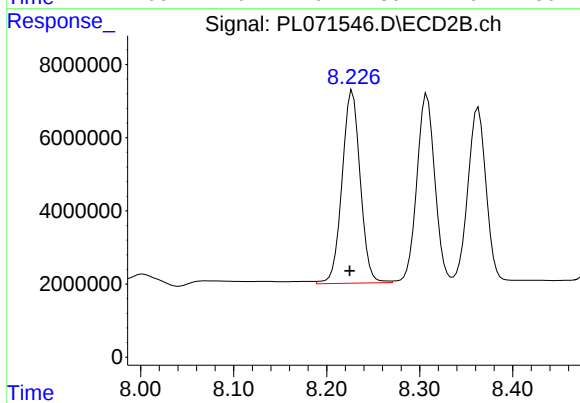
#9 Endosulfan I

R.T.: 8.363 min
Delta R.T.: 0.003 min
Response: 63866877
Conc: 53.21 ng/ml



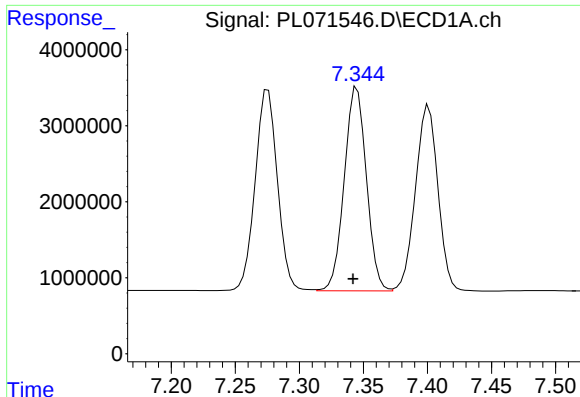
#10 gamma-Chlordane

R.T.: 7.276 min
Delta R.T.: 0.003 min
Response: 32037363
Conc: 51.61 ng/ml



#10 gamma-Chlordane

R.T.: 8.228 min
Delta R.T.: 0.003 min
Response: 71475119
Conc: 55.28 ng/ml



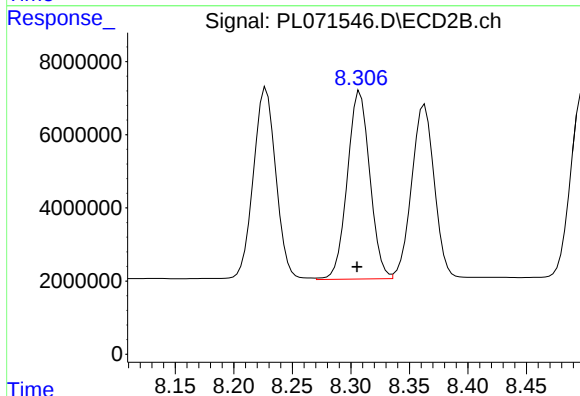
#11 alpha-Chlordane

R.T.: 7.345 min
Delta R.T.: 0.003 min
Response: 32220800
Conc: 51.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141590BS

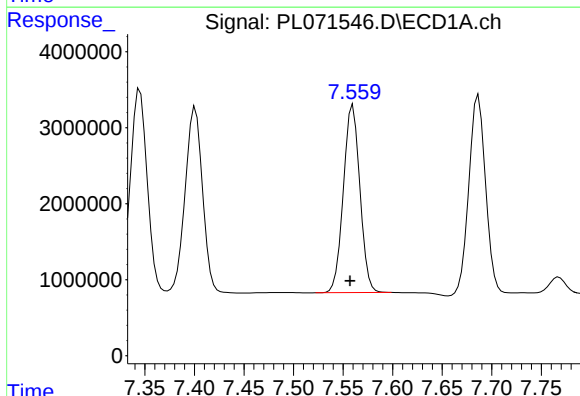
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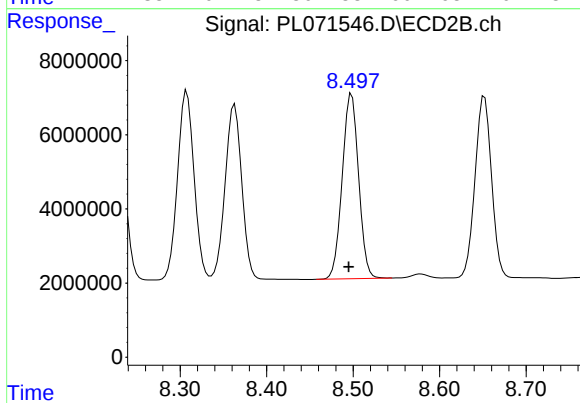
#11 alpha-Chlordane

R.T.: 8.308 min
Delta R.T.: 0.002 min
Response: 68793585
Conc: 54.14 ng/ml



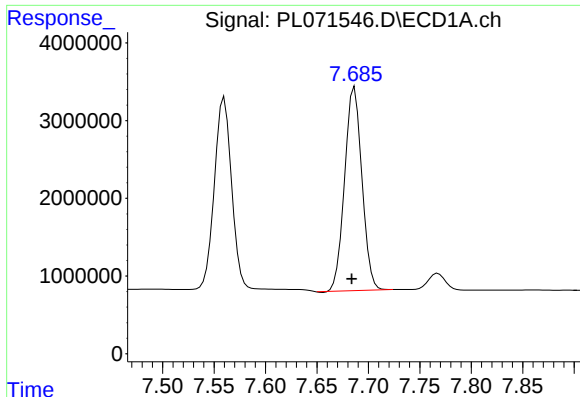
#12 4,4'-DDE

R.T.: 7.560 min
Delta R.T.: 0.003 min
Response: 28644406
Conc: 52.49 ng/ml



#12 4,4'-DDE

R.T.: 8.498 min
Delta R.T.: 0.003 min
Response: 65280632
Conc: 54.80 ng/ml



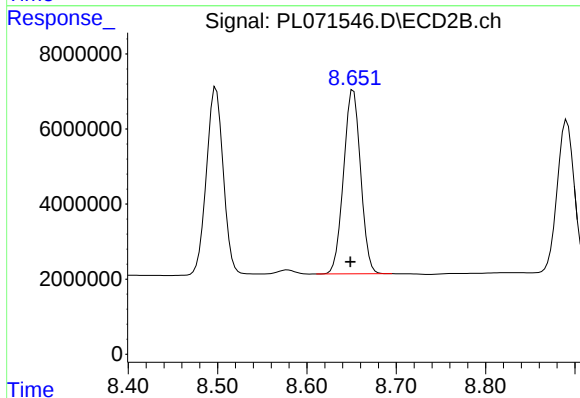
#13 Dieldrin

R.T.: 7.686 min
Delta R.T.: 0.003 min
Response: 30687158
Conc: 52.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141590BS

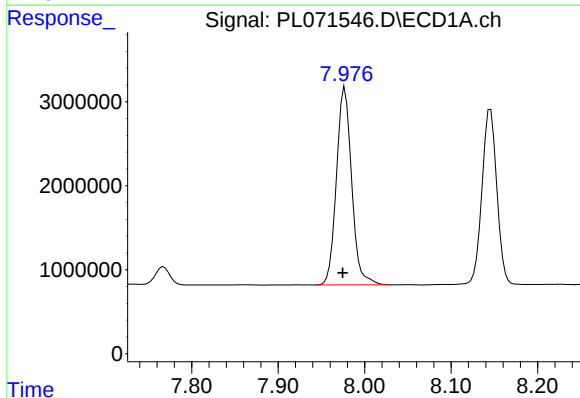
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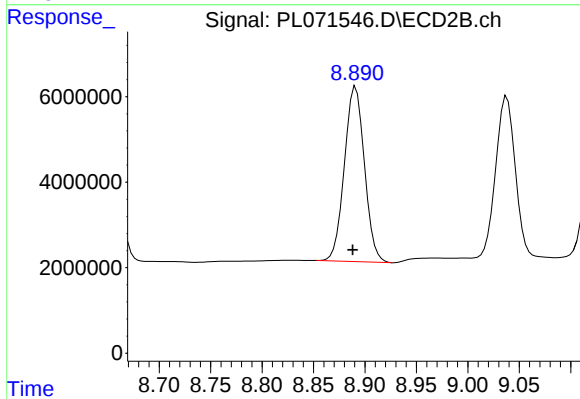
#13 Dieldrin

R.T.: 8.652 min
Delta R.T.: 0.003 min
Response: 64980613
Conc: 53.45 ng/ml



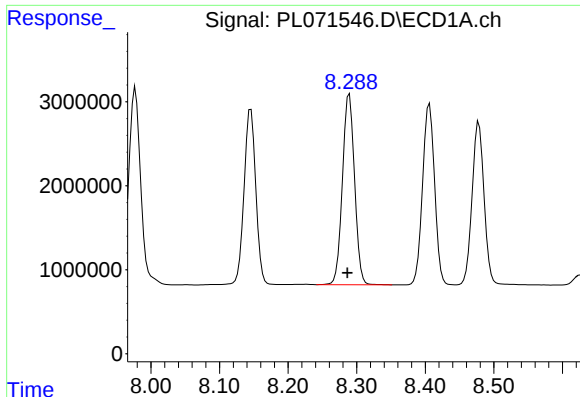
#14 Endrin

R.T.: 7.977 min
Delta R.T.: 0.002 min
Response: 28645691
Conc: 52.30 ng/ml



#14 Endrin

R.T.: 8.891 min
Delta R.T.: 0.003 min
Response: 55494580
Conc: 54.78 ng/ml



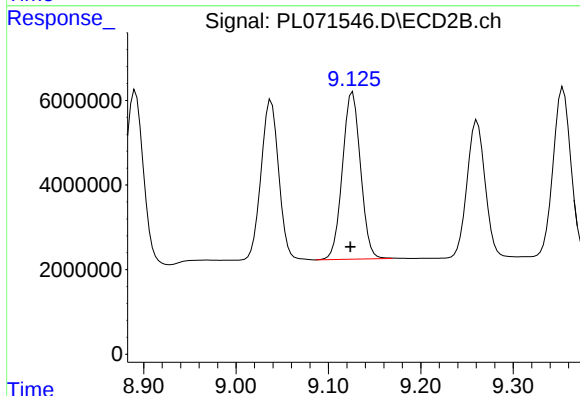
#15 Endosulfan II

R.T.: 8.289 min
Delta R.T.: 0.003 min
Response: 27867418
Conc: 51.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141590BS

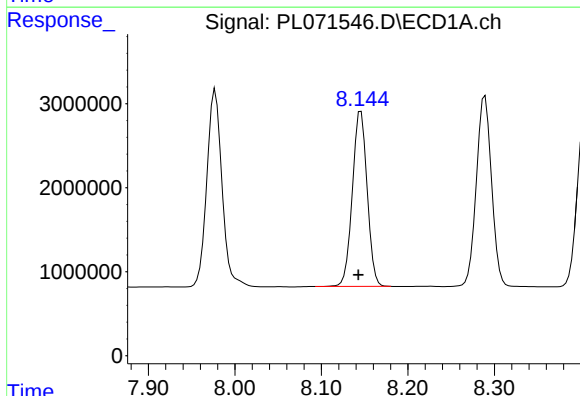
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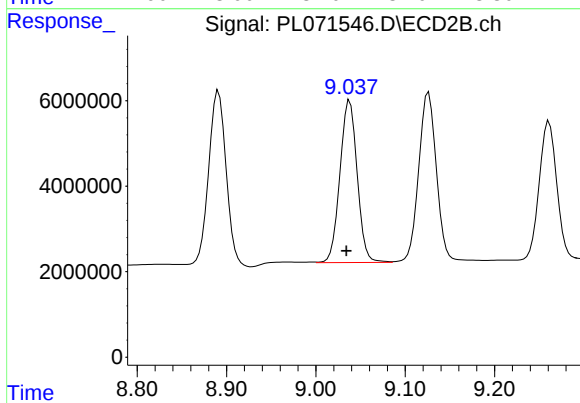
#15 Endosulfan II

R.T.: 9.125 min
Delta R.T.: 0.001 min
Response: 53803280
Conc: 53.32 ng/ml m



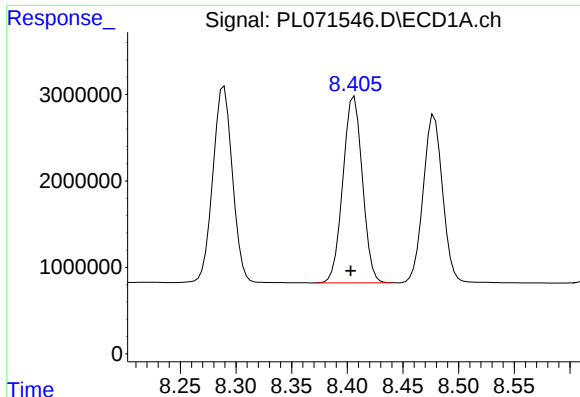
#16 4,4'-DDD

R.T.: 8.146 min
Delta R.T.: 0.003 min
Response: 24752958
Conc: 52.59 ng/ml



#16 4,4'-DDD

R.T.: 9.037 min
Delta R.T.: 0.002 min
Response: 50938872
Conc: 57.71 ng/ml m



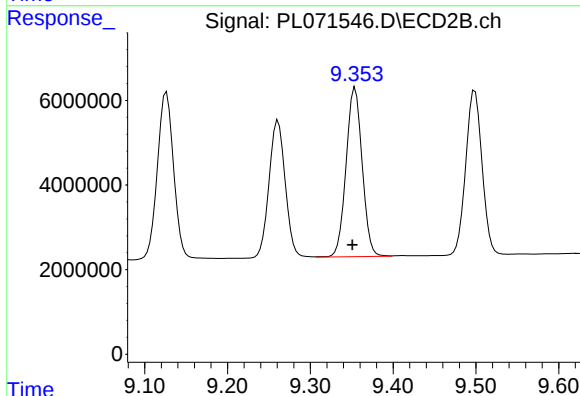
#17 4,4'-DDT

R.T.: 8.406 min
Delta R.T.: 0.003 min
Response: 26278867
Conc: 51.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141590BS

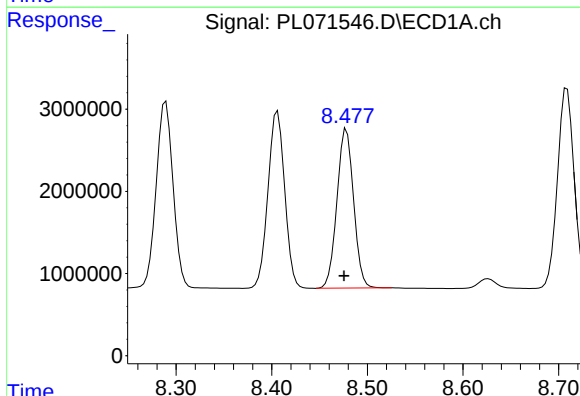
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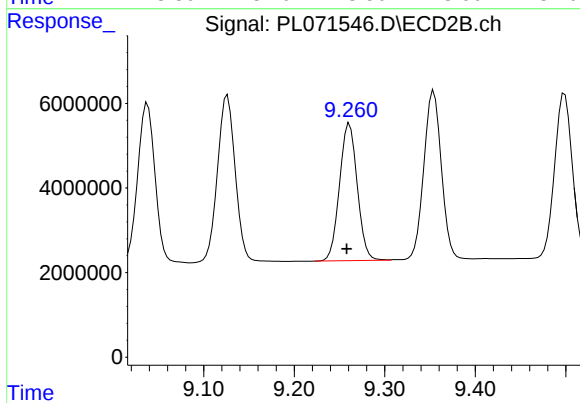
#17 4,4'-DDT

R.T.: 9.354 min
Delta R.T.: 0.003 min
Response: 53884691
Conc: 54.49 ng/ml



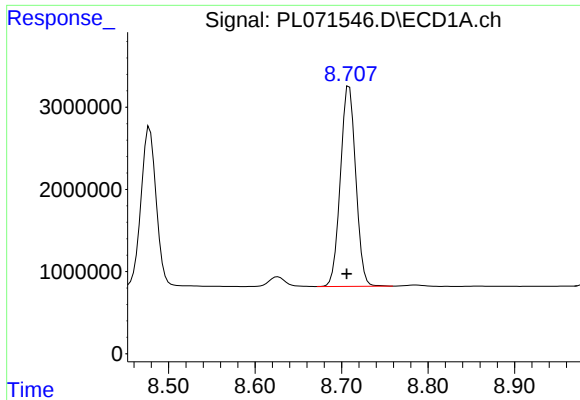
#18 Endrin aldehyde

R.T.: 8.478 min
Delta R.T.: 0.002 min
Response: 23464313
Conc: 55.18 ng/ml



#18 Endrin aldehyde

R.T.: 9.261 min
Delta R.T.: 0.003 min
Response: 44214088
Conc: 58.70 ng/ml



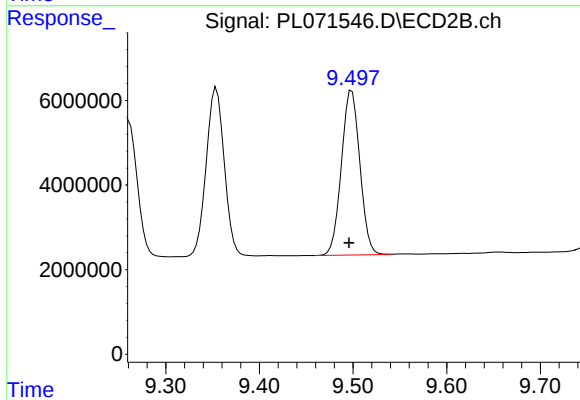
#19 Endosulfan Sulfate

R.T.: 8.709 min
Delta R.T.: 0.003 min
Response: 29855410
Conc: 52.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141590BS

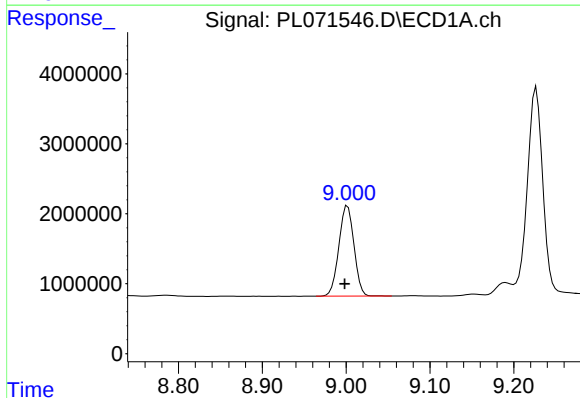
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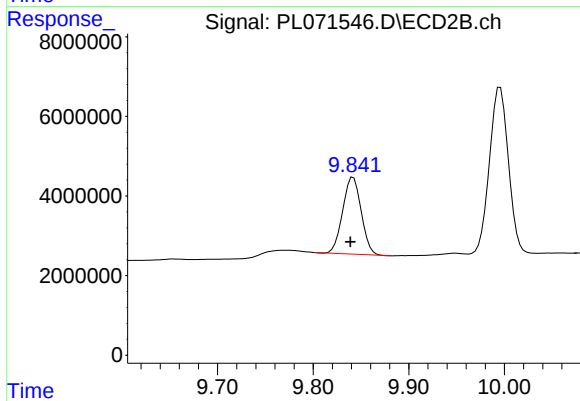
#19 Endosulfan Sulfate

R.T.: 9.499 min
Delta R.T.: 0.003 min
Response: 53397515
Conc: 54.48 ng/ml



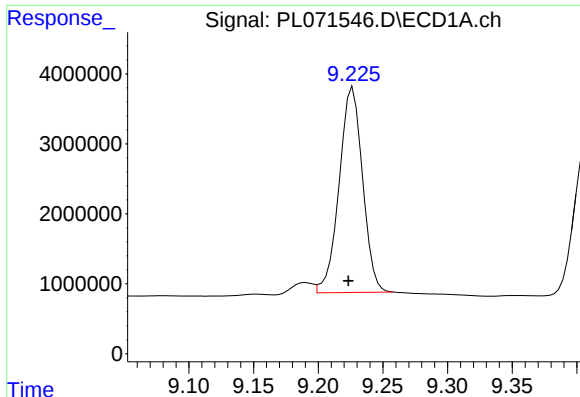
#20 Methoxychlor

R.T.: 9.002 min
Delta R.T.: 0.003 min
Response: 16194387
Conc: 50.00 ng/ml



#20 Methoxychlor

R.T.: 9.842 min
Delta R.T.: 0.003 min
Response: 25947646
Conc: 51.69 ng/ml



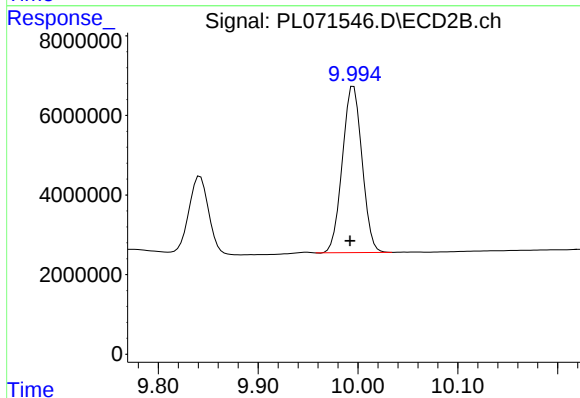
#21 Endrin ketone

R.T.: 9.225 min
Delta R.T.: 0.002 min
Response: 36804808
Conc: 55.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141590BS

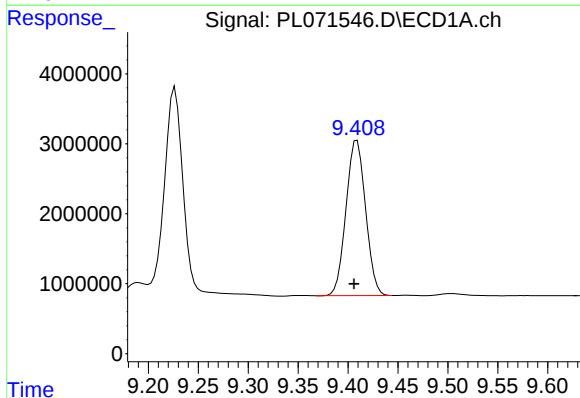
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Reviewed By :Abdul Mirza 12/22/2021
Supervised By :mohammad ahmed 12/22/2021



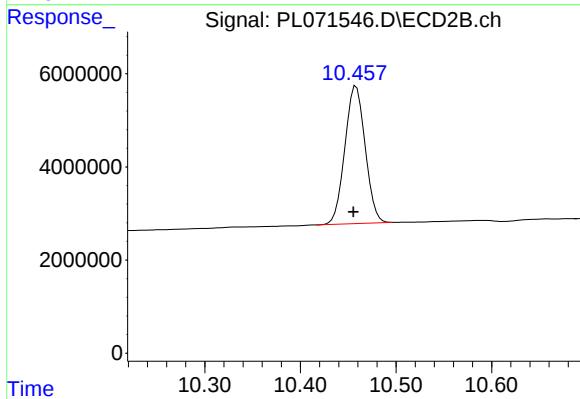
#21 Endrin ketone

R.T.: 9.996 min
Delta R.T.: 0.003 min
Response: 57246517
Conc: 54.44 ng/ml



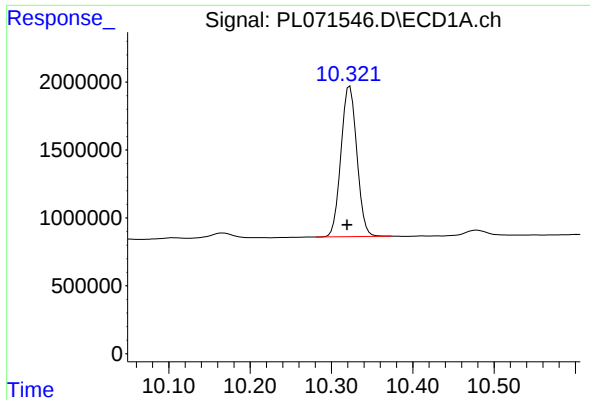
#22 Mirex

R.T.: 9.409 min
Delta R.T.: 0.003 min
Response: 30267919
Conc: 52.17 ng/ml



#22 Mirex

R.T.: 10.458 min
Delta R.T.: 0.003 min
Response: 43812032
Conc: 54.43 ng/ml



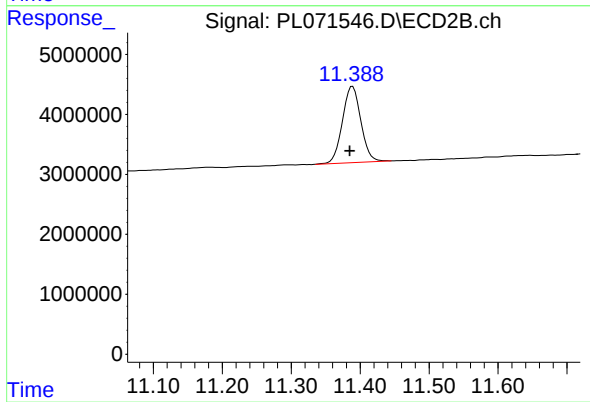
#28 Decachlorobiphenyl

R.T.: 10.323 min
Delta R.T.: 0.004 min
Response: 15002933
Conc: 22.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141590BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/22/2021
Supervised By :mohammad ahmed 12/22/2021



#28 Decachlorobiphenyl

R.T.: 11.389 min
Delta R.T.: 0.004 min
Response: 23713445
Conc: 21.83 ng/ml