

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061422\
 Data File : PL075760.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jun 2022 13:17
 Operator : AR\AJ
 Sample : PB145512BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB145512BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/15/2022
 Supervised By :Ankita Jodhani 06/15/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 15 00:44:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL060622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 07 02:04:29 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...	5.642	4.637	12824039	29720702	19.002	17.710
28)	SA Decachlor...	11.637	10.380	13990827	26605263	22.853	18.883
Target Compounds							
2)	A alpha-BHC	6.226	5.339	54338512	123.5E6	57.809	54.545
3)	MA gamma-BHC...	6.625	5.759	50854910	115.3E6	57.938	53.149
4)	MA Heptachlor	7.279	6.167	50436774	109.8E6	54.850	51.497
5)	MB Aldrin	7.651	6.491	46993242	106.0E6	57.235m	53.954
6)	B beta-BHC	6.877	6.138	22195452	45924039	54.080	46.788
7)	B delta-BHC	7.147	6.398	44079732	113.3E6	57.285	52.934
8)	B Heptachlo...	8.120	7.064	45148775	96348639	58.408	52.654
9)	A Endosulfan I	8.529	7.466	39933974	87950273	57.074	52.584
10)	B gamma-Chl...	8.391	7.341	45084960	96785838	58.058	52.787
11)	B alpha-Chl...	8.473	7.410	43595517	95491352	57.167	52.299
12)	B 4,4'-DDE	8.658	7.622	38098824	86425012	57.566	54.057
13)	MA Dieldrin	8.819	7.750	41563364	92334668	57.533	54.552m
14)	MA Endrin	9.060	8.042	34916076	76839082	58.889	56.205
15)	B Endosulfa...	9.294	8.352	35344284	77958617	56.798	54.400
16)	A 4,4'-DDD	9.201	8.204	31145867	69857848	56.923	53.126m
17)	MA 4,4'-DDT	9.520	8.464	33830949	75399644	52.813	53.636m
18)	B Endrin al...	9.428	8.539	28976744	61676933	56.576	54.758
19)	B Endosulfa...	9.668	8.769	34599142	76798596	55.235	52.287
20)	A Methoxychlor	10.005	9.059	19125406	41864937	53.427	51.390
21)	B Endrin ke...	10.170	9.288	38525006	82831583	54.782	51.313
22)	Mirex	10.642	9.475	29580825	64769677	52.561	50.439

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

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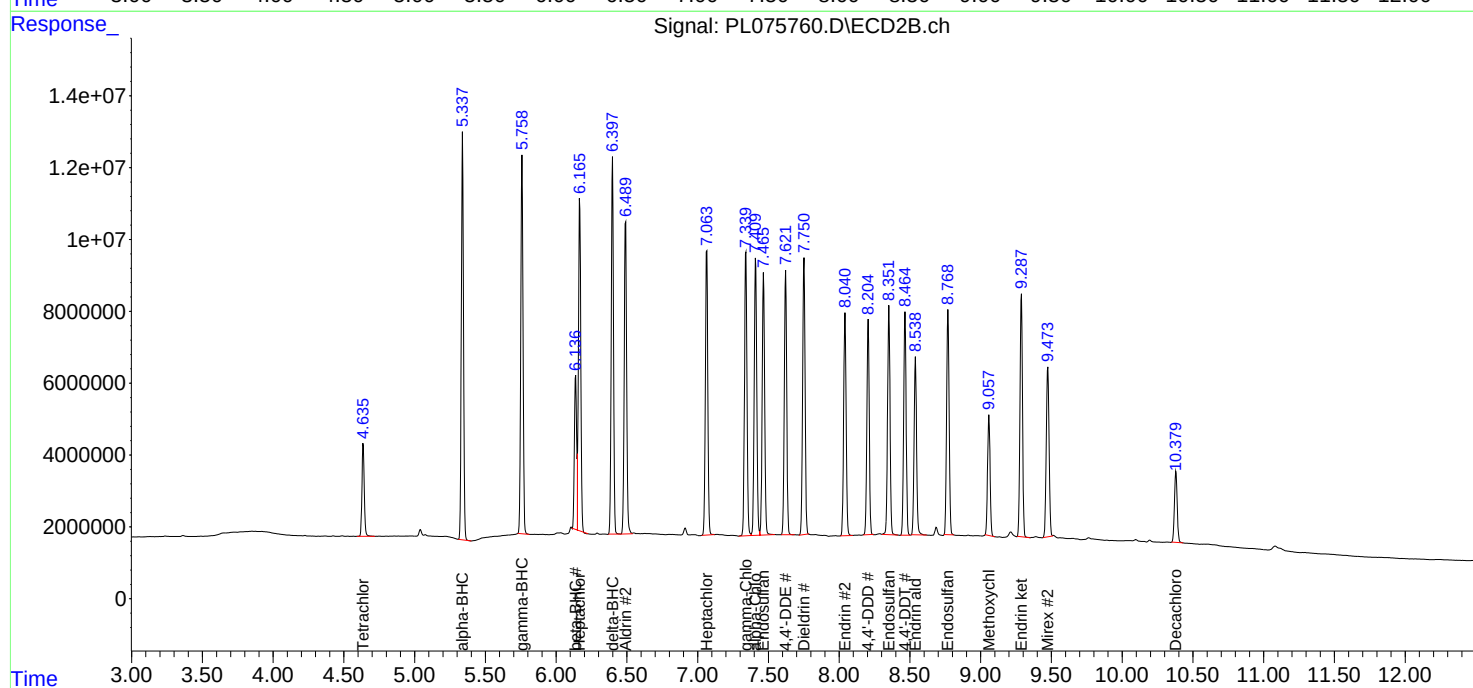
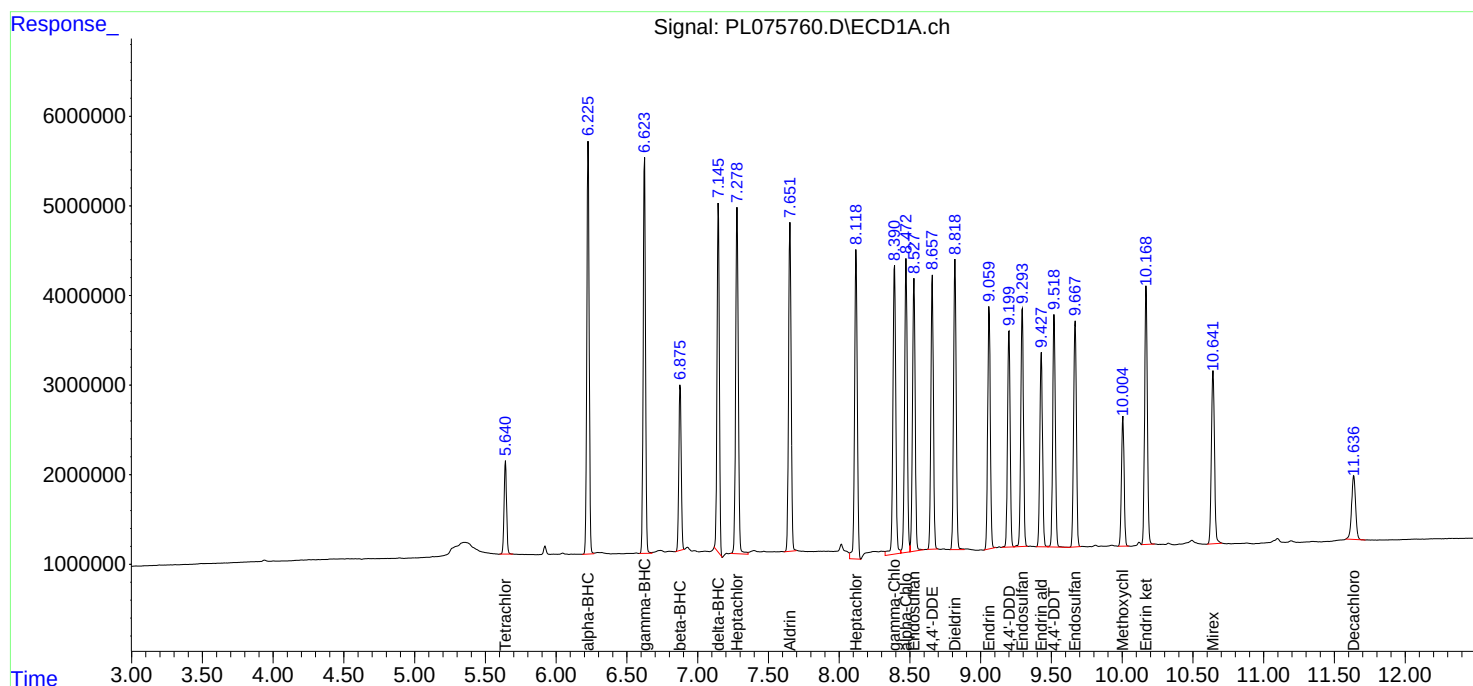
Manual Integrations

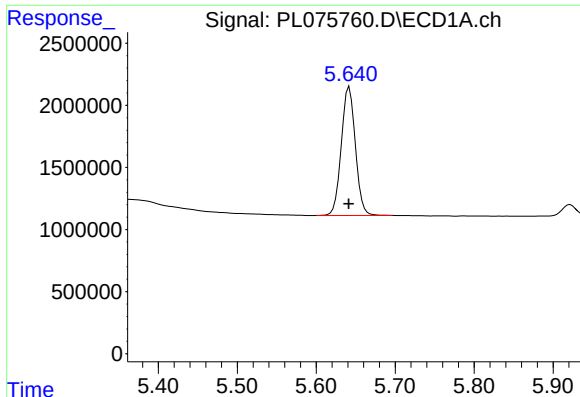
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Integration File signal 1: autoint1.e
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Volume Inj. : 1 µl
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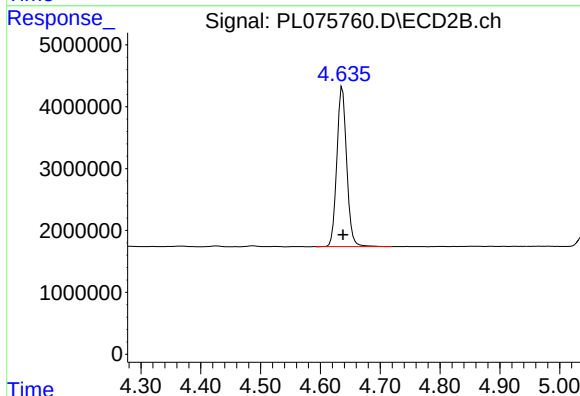
#1 Tetrachloro-m-xylene

R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 12824039
Conc: 19.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145512BS

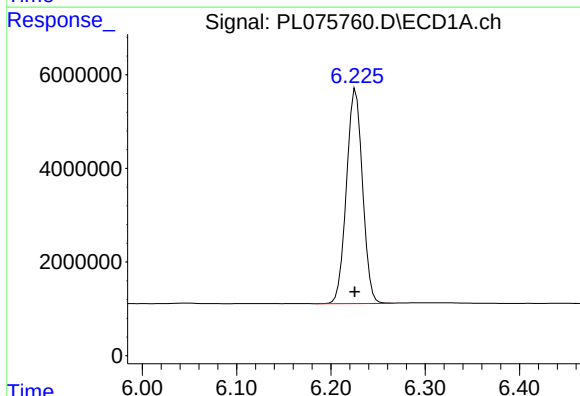
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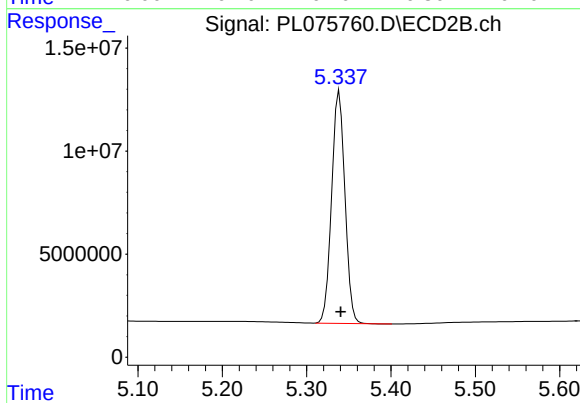
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.001 min
Response: 29720702
Conc: 17.71 ng/ml



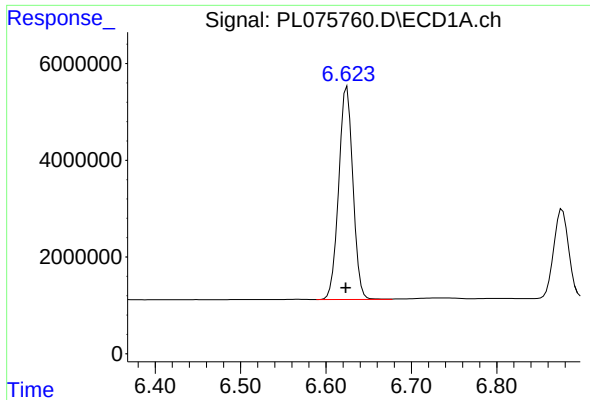
#2 alpha-BHC

R.T.: 6.226 min
Delta R.T.: 0.001 min
Response: 54338512
Conc: 57.81 ng/ml



#2 alpha-BHC

R.T.: 5.339 min
Delta R.T.: -0.002 min
Response: 123506628
Conc: 54.55 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 6.625 min
Delta R.T.: 0.001 min
Response: 50854910
Conc: 57.94 ng/ml

Instrument :

ECD_L

ClientSampleId :

PB145512BS

Manual Integrations

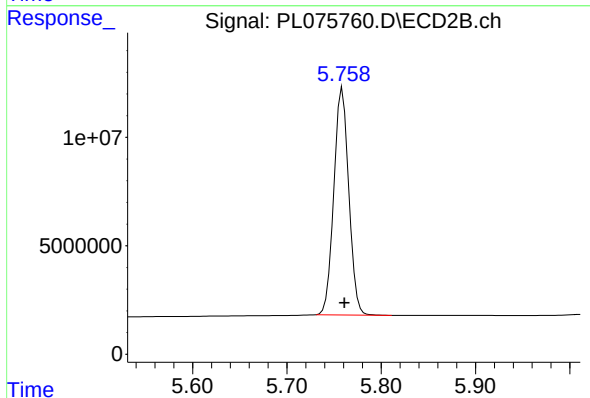
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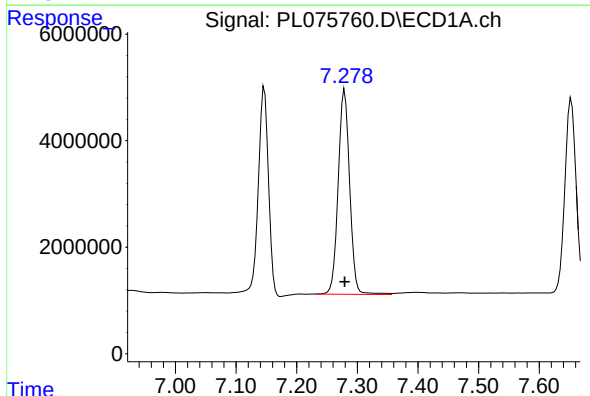
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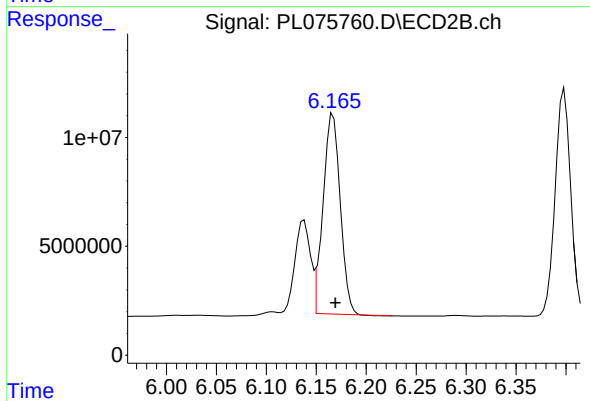
#3 gamma-BHC (Lindane)

R.T.: 5.759 min
Delta R.T.: -0.002 min
Response: 115256285
Conc: 53.15 ng/ml



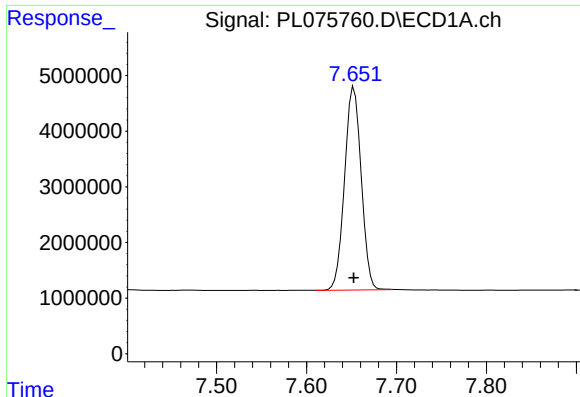
#4 Heptachlor

R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 50436774
Conc: 54.85 ng/ml



#4 Heptachlor

R.T.: 6.167 min
Delta R.T.: -0.002 min
Response: 109801311
Conc: 51.50 ng/ml



#5 Aldrin

R.T.: 7.651 min
Delta R.T.: -0.001 min
Response: 46993242
Conc: 57.24 ng/ml

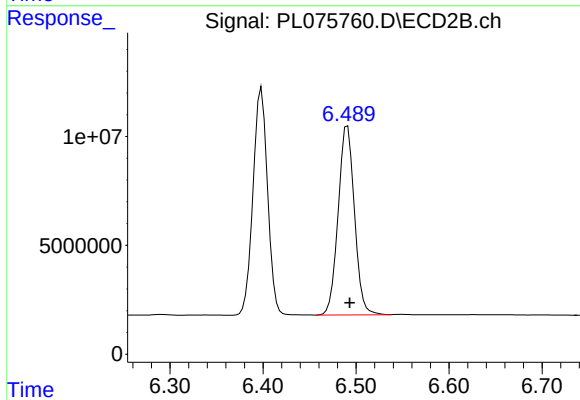
Instrument :
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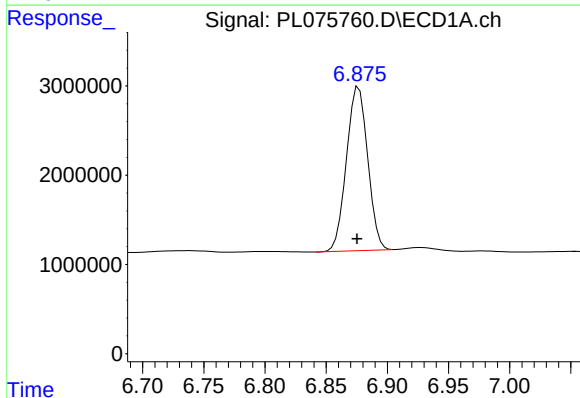
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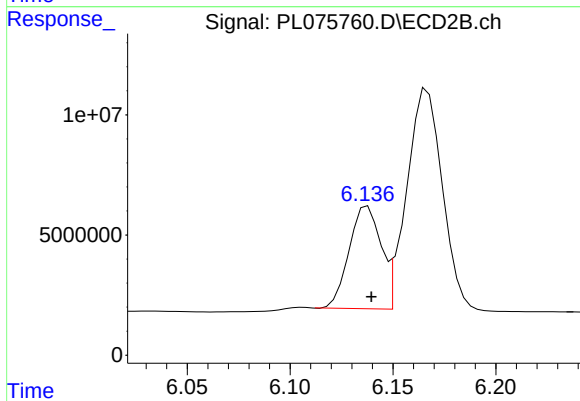
#5 Aldrin

R.T.: 6.491 min
Delta R.T.: -0.002 min
Response: 105965532
Conc: 53.95 ng/ml



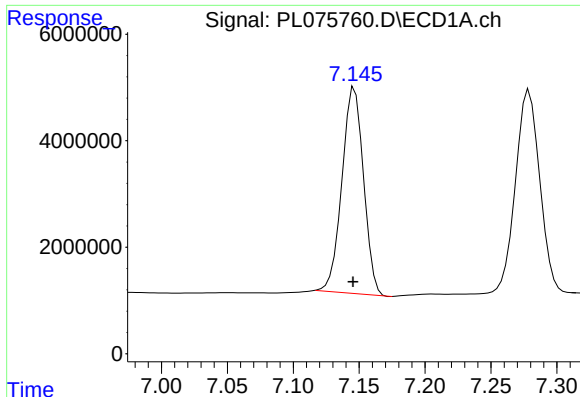
#6 beta-BHC

R.T.: 6.877 min
Delta R.T.: 0.001 min
Response: 22195452
Conc: 54.08 ng/ml



#6 beta-BHC

R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 45924039
Conc: 46.79 ng/ml



#7 delta-BHC

R.T.: 7.147 min
Delta R.T.: 0.001 min
Response: 44079732
Conc: 57.29 ng/ml

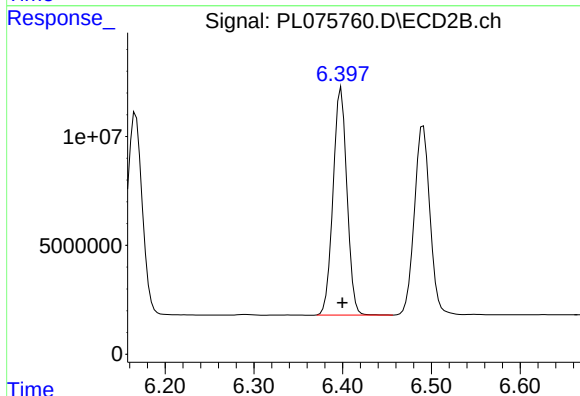
Instrument :
ECD_L
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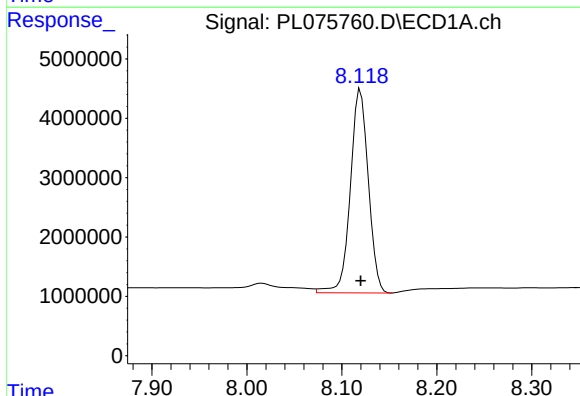
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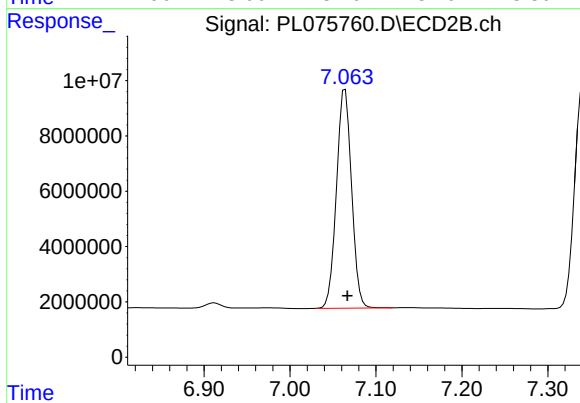
#7 delta-BHC

R.T.: 6.398 min
Delta R.T.: -0.001 min
Response: 113325052
Conc: 52.93 ng/ml



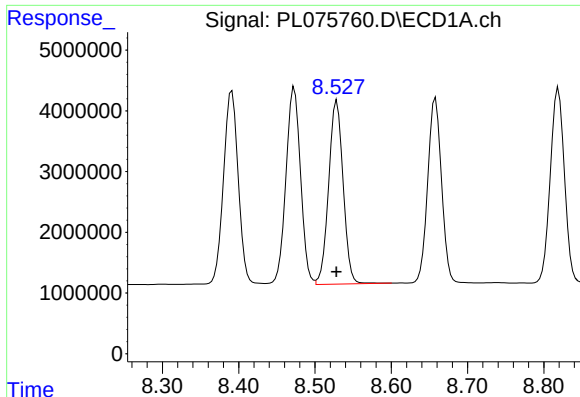
#8 Heptachlor epoxide

R.T.: 8.120 min
Delta R.T.: 0.000 min
Response: 45148775
Conc: 58.41 ng/ml



#8 Heptachlor epoxide

R.T.: 7.064 min
Delta R.T.: -0.003 min
Response: 96348639
Conc: 52.65 ng/ml



#9 Endosulfan I

R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 39933974
Conc: 57.07 ng/ml

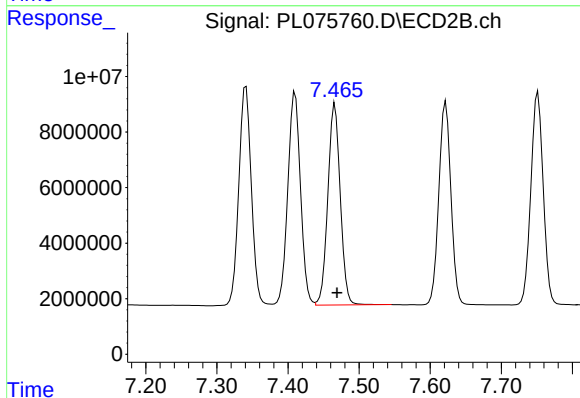
Instrument :
ECD_L
ClientSampleId :
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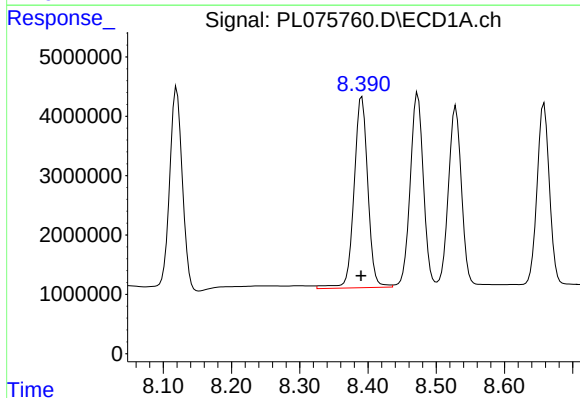
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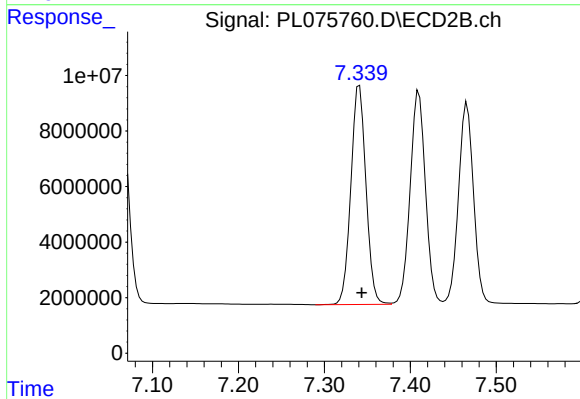
#9 Endosulfan I

R.T.: 7.466 min
Delta R.T.: -0.003 min
Response: 87950273
Conc: 52.58 ng/ml



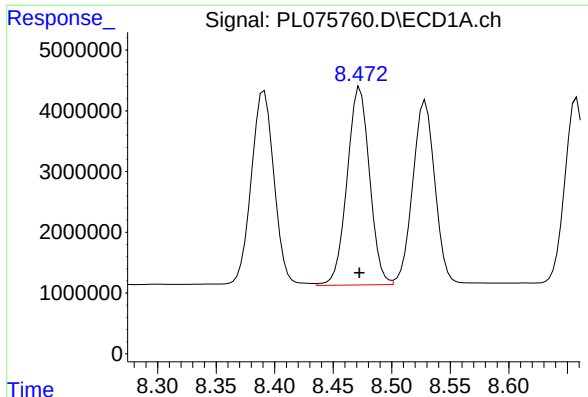
#10 gamma-Chlordane

R.T.: 8.391 min
Delta R.T.: 0.001 min
Response: 45084960
Conc: 58.06 ng/ml



#10 gamma-Chlordane

R.T.: 7.341 min
Delta R.T.: -0.003 min
Response: 96785838
Conc: 52.79 ng/ml



#11 alpha-Chlordane

R.T.: 8.473 min
Delta R.T.: 0.000 min
Response: 43595517
Conc: 57.17 ng/ml

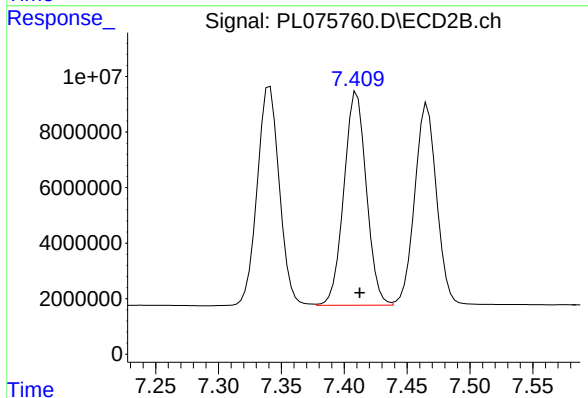
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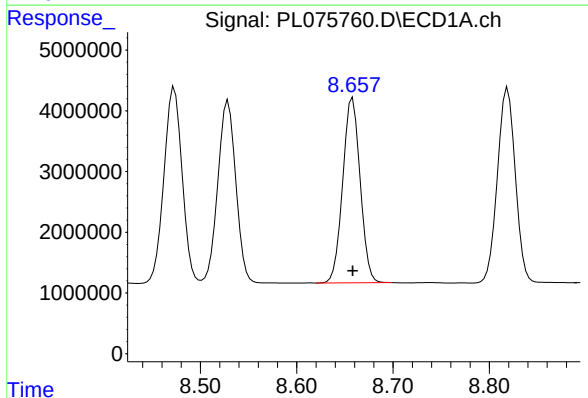
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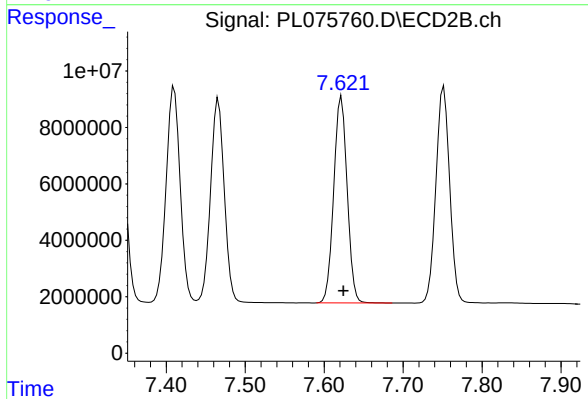
#11 alpha-Chlordane

R.T.: 7.410 min
Delta R.T.: -0.002 min
Response: 95491352
Conc: 52.30 ng/ml



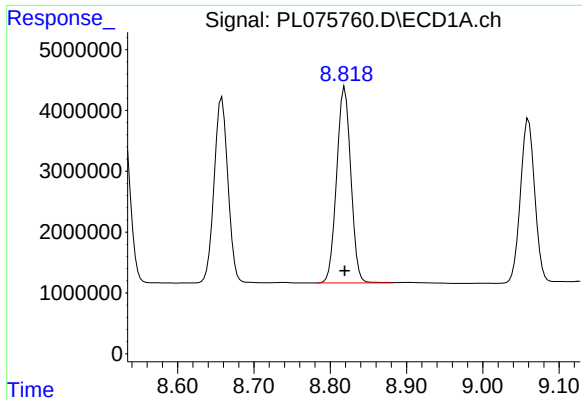
#12 4,4'-DDE

R.T.: 8.658 min
Delta R.T.: 0.000 min
Response: 38098824
Conc: 57.57 ng/ml



#12 4,4'-DDE

R.T.: 7.622 min
Delta R.T.: -0.002 min
Response: 86425012
Conc: 54.06 ng/ml



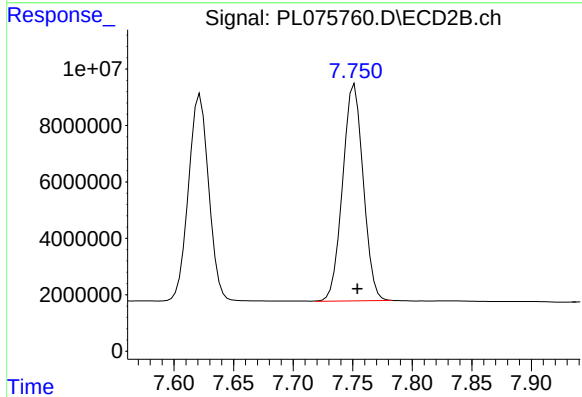
#13 Dieldrin

R.T.: 8.819 min
Delta R.T.: 0.000 min
Response: 41563364
Conc: 57.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145512BS

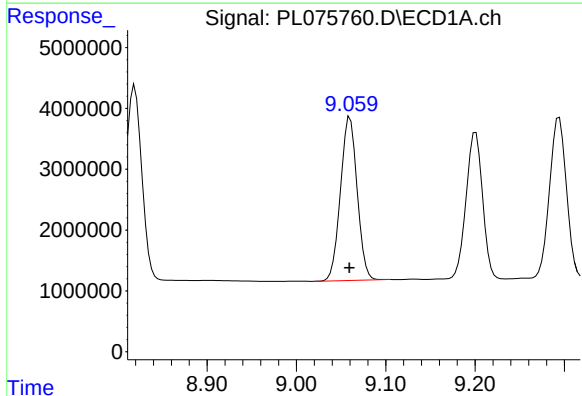
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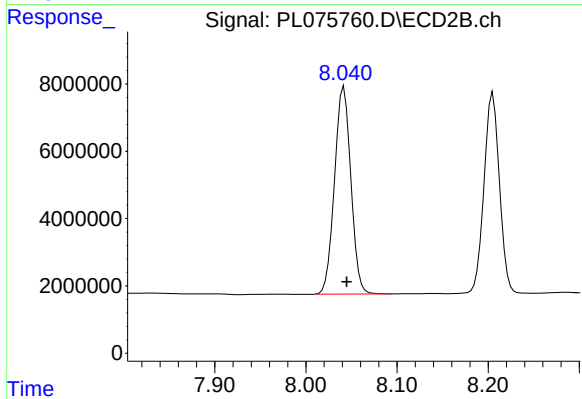
#13 Dieldrin

R.T.: 7.750 min
Delta R.T.: -0.004 min
Response: 92334668
Conc: 54.55 ng/ml m



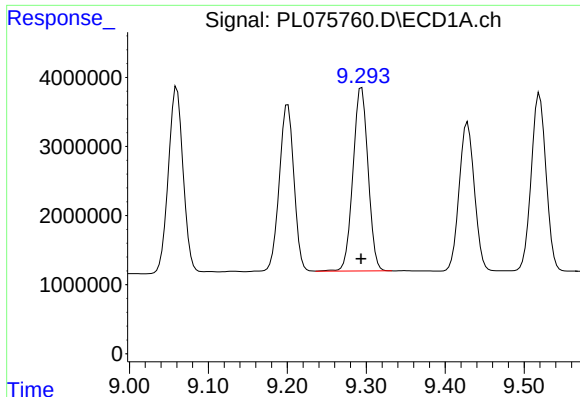
#14 Endrin

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 34916076
Conc: 58.89 ng/ml



#14 Endrin

R.T.: 8.042 min
Delta R.T.: -0.003 min
Response: 76839082
Conc: 56.21 ng/ml



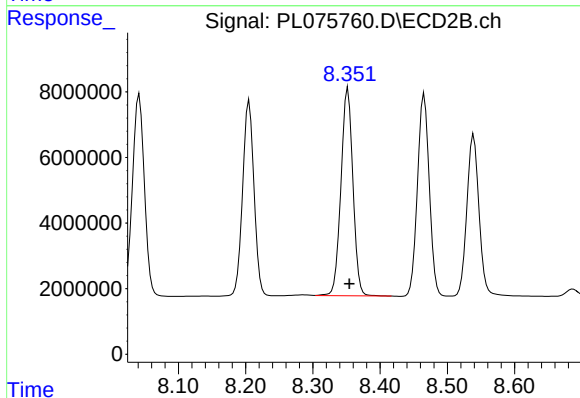
#15 Endosulfan II

R.T.: 9.294 min
Delta R.T.: 0.000 min
Response: 35344284
Conc: 56.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
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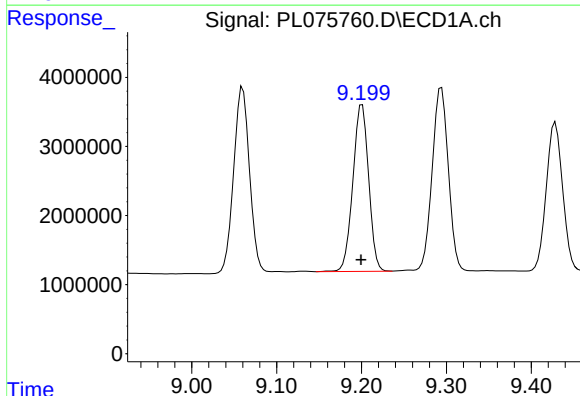
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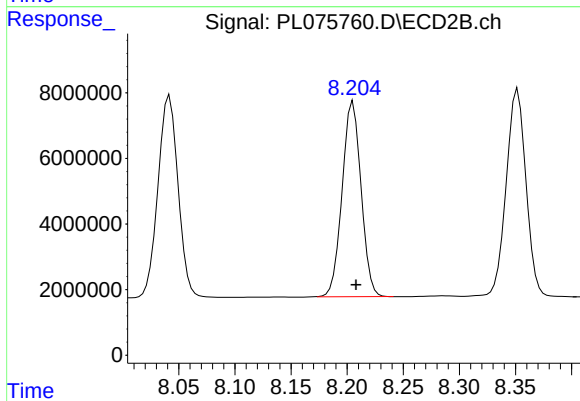
#15 Endosulfan II

R.T.: 8.352 min
Delta R.T.: -0.002 min
Response: 77958617
Conc: 54.40 ng/ml



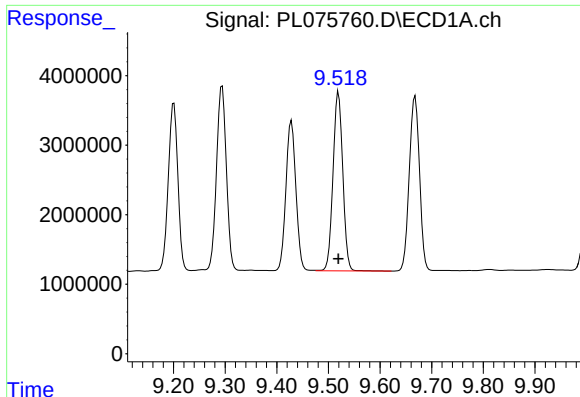
#16 4,4'-DDD

R.T.: 9.201 min
Delta R.T.: 0.001 min
Response: 31145867
Conc: 56.92 ng/ml



#16 4,4'-DDD

R.T.: 8.204 min
Delta R.T.: -0.004 min
Response: 69857848
Conc: 53.13 ng/ml m



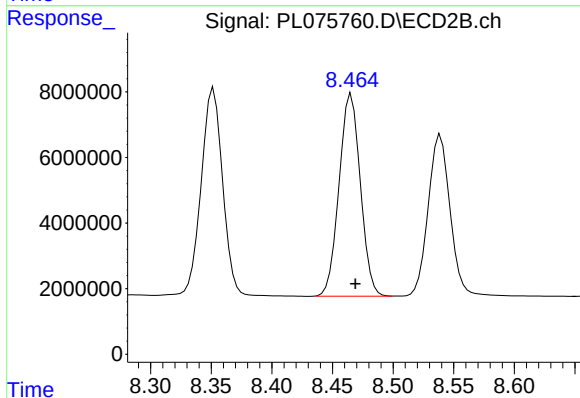
#17 4,4'-DDT

R.T.: 9.520 min
Delta R.T.: 0.000 min
Response: 33830949
Conc: 52.81 ng/ml

Instrument :
ECD_L
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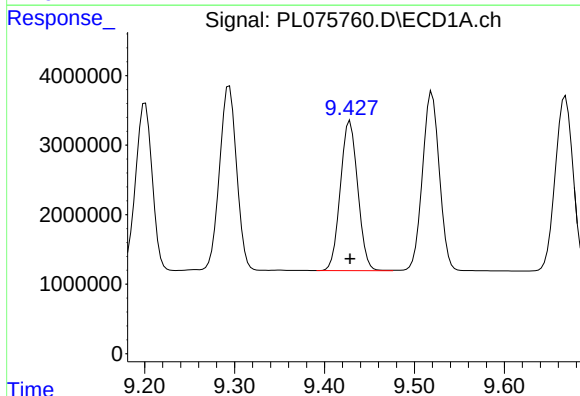
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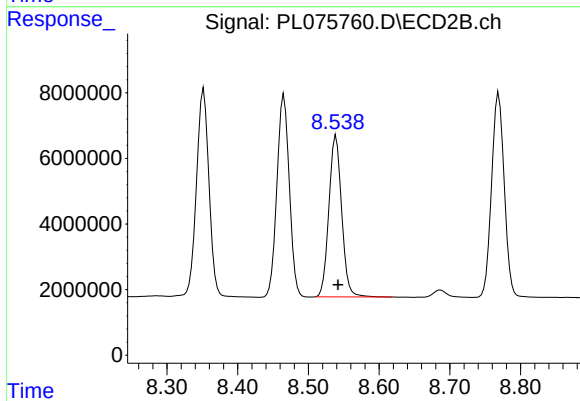
#17 4,4'-DDT

R.T.: 8.464 min
Delta R.T.: -0.005 min
Response: 75399644
Conc: 53.64 ng/ml m



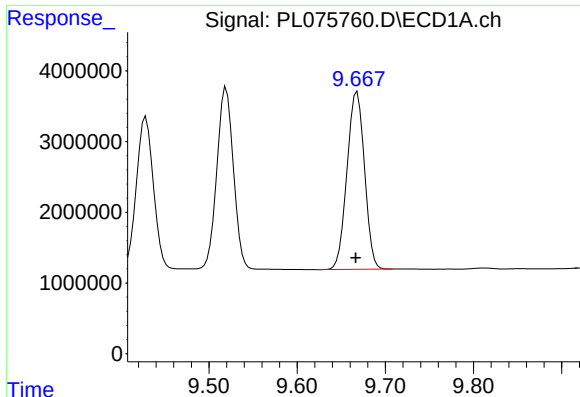
#18 Endrin aldehyde

R.T.: 9.428 min
Delta R.T.: 0.000 min
Response: 28976744
Conc: 56.58 ng/ml



#18 Endrin aldehyde

R.T.: 8.539 min
Delta R.T.: -0.003 min
Response: 61676933
Conc: 54.76 ng/ml



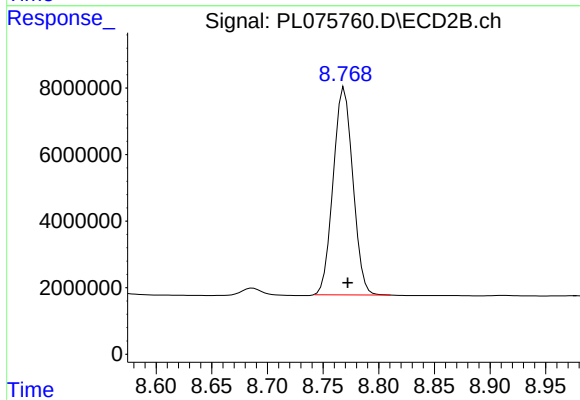
#19 Endosulfan Sulfate

R.T.: 9.668 min
Delta R.T.: 0.002 min
Response: 34599142
Conc: 55.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
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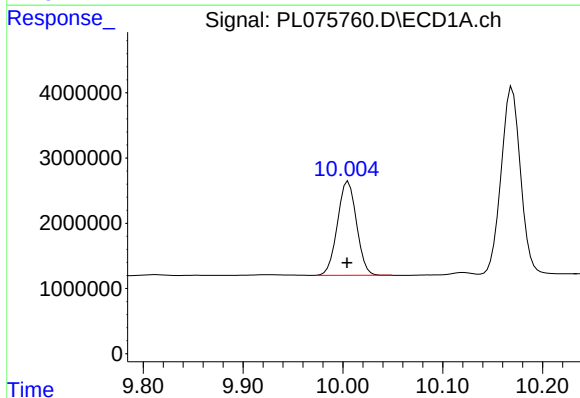
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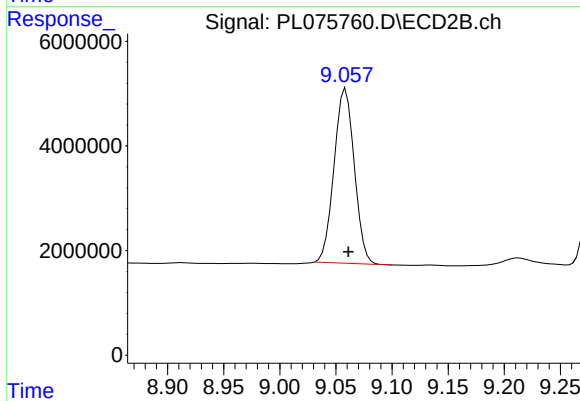
#19 Endosulfan Sulfate

R.T.: 8.769 min
Delta R.T.: -0.003 min
Response: 76798596
Conc: 52.29 ng/ml



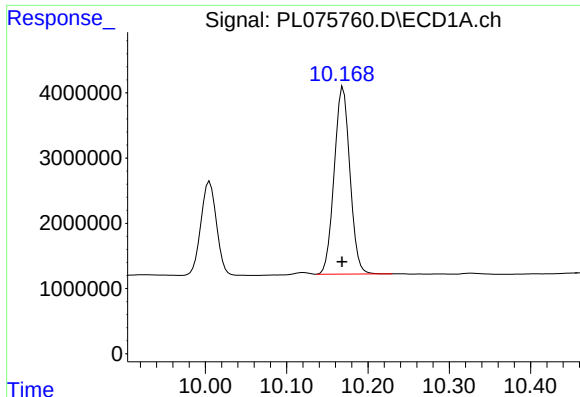
#20 Methoxychlor

R.T.: 10.005 min
Delta R.T.: 0.001 min
Response: 19125406
Conc: 53.43 ng/ml



#20 Methoxychlor

R.T.: 9.059 min
Delta R.T.: -0.002 min
Response: 41864937
Conc: 51.39 ng/ml



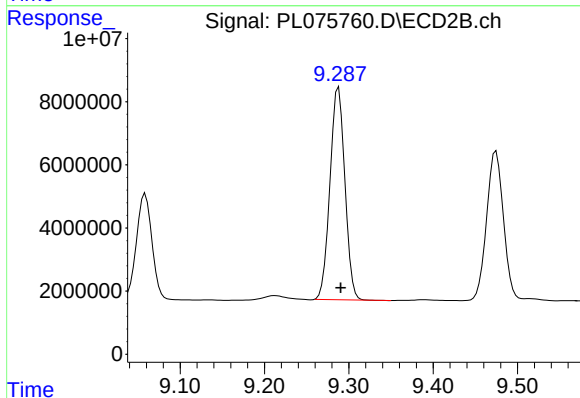
#21 Endrin ketone

R.T.: 10.170 min
Delta R.T.: 0.001 min
Response: 38525006
Conc: 54.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145512BS

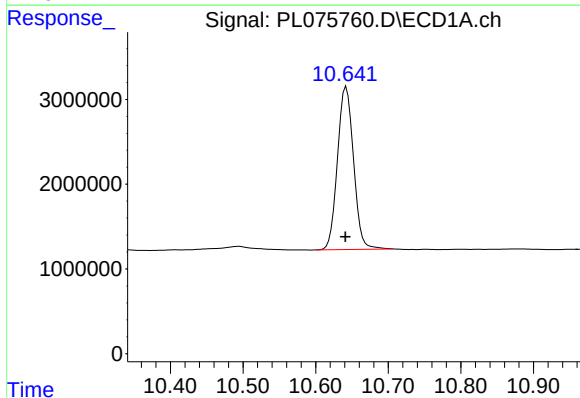
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/15/2022
Supervised By :Ankita Jodhani 06/15/2022



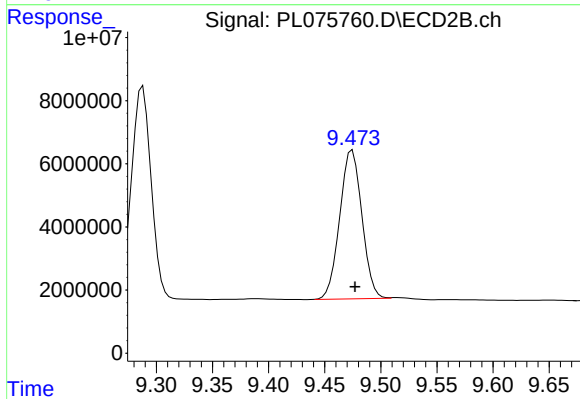
#21 Endrin ketone

R.T.: 9.288 min
Delta R.T.: -0.002 min
Response: 82831583
Conc: 51.31 ng/ml



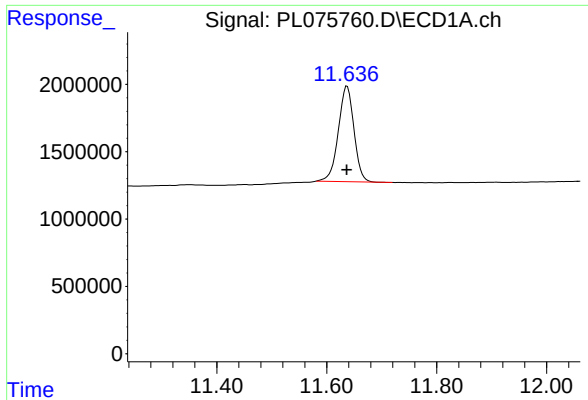
#22 Mirex

R.T.: 10.642 min
Delta R.T.: 0.000 min
Response: 29580825
Conc: 52.56 ng/ml



#22 Mirex

R.T.: 9.475 min
Delta R.T.: -0.002 min
Response: 64769677
Conc: 50.44 ng/ml



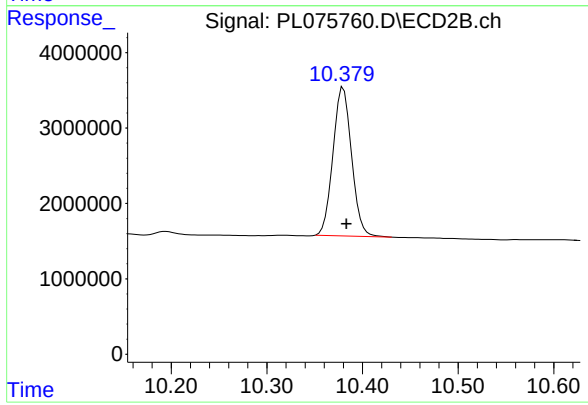
#28 Decachlorobiphenyl

R.T.: 11.637 min
Delta R.T.: 0.000 min
Response: 13990827
Conc: 22.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB145512BS

Manual Integrations
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Supervised By :Ankita Jodhani 06/15/2022



#28 Decachlorobiphenyl

R.T.: 10.380 min
Delta R.T.: -0.003 min
Response: 26605263
Conc: 18.88 ng/ml