

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072922\
 Data File : PL076749.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2022 17:38
 Operator : AR\AJ
 Sample : N3942-02MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11977MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/29/2022
 Supervised By : Ankita Jodhani 07/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 09:07:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:22:48 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...	3.421	2.641	16541064	45648729	16.028	15.389
28) SA Decachlor...	8.915	7.745	16627508	43045470	18.853	16.770m
Target Compounds						
2) A alpha-BHC	3.885	3.135	78437115	183.1E6	54.389	43.858
3) MA gamma-BHC...	4.220	3.460	74339170	174.4E6	55.057	45.752
4) MA Heptachlor	4.797	3.793	63313656	182.5E6	47.178	48.327
5) MB Aldrin	5.138	4.069	58063609	160.9E6	48.341	45.740
6) B beta-BHC	4.432	3.758	31032281	79864961	52.003	47.100
7) B delta-BHC	4.676	3.982	50473619	179.2E6	45.536	47.001
8) B Heptachlo...	5.570	4.568	53548097	142.5E6	48.022	44.934
9) A Endosulfan I	5.956	4.934	48448436	101.8E6	46.897	35.170 #
10) B gamma-Chl...	5.825	4.817	58839675	145.8E6	53.068	45.548
11) B alpha-Chl...	5.903	4.880	56304415	139.2E6	50.893	44.602
12) B 4,4'-DDE	6.079	5.074	43928598	143.6E6	44.755m	48.301
13) MA Dieldrin	6.233	5.197	48272649	153.8E6	45.866	49.551
14) MA Endrin	6.465	5.470	41652646	122.1E6	43.362	48.631
15) B Endosulfa...	6.692	5.765	41848424	110.1E6	46.627	45.925
16) A 4,4'-DDD	6.605	5.626	42020134	110.6E6	50.405	46.678
17) MA 4,4'-DDT	6.916	5.875	47574464	115.8E6	52.352	48.193
18) B Endrin al...	6.823	5.944	32490790	77228523	44.567	40.991
19) B Endosulfa...	7.056	6.167	41721316	110.0E6	46.393	44.732
20) A Methoxychlor	7.397	6.454	24986587	63791104	49.378	48.773
21) B Endrin ke...	7.545	6.667	44287871	112.3E6	43.309	41.390
22) Mirex	8.005	6.845	37345603	76523361	48.281	38.158

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072922\
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ClientSampleId :

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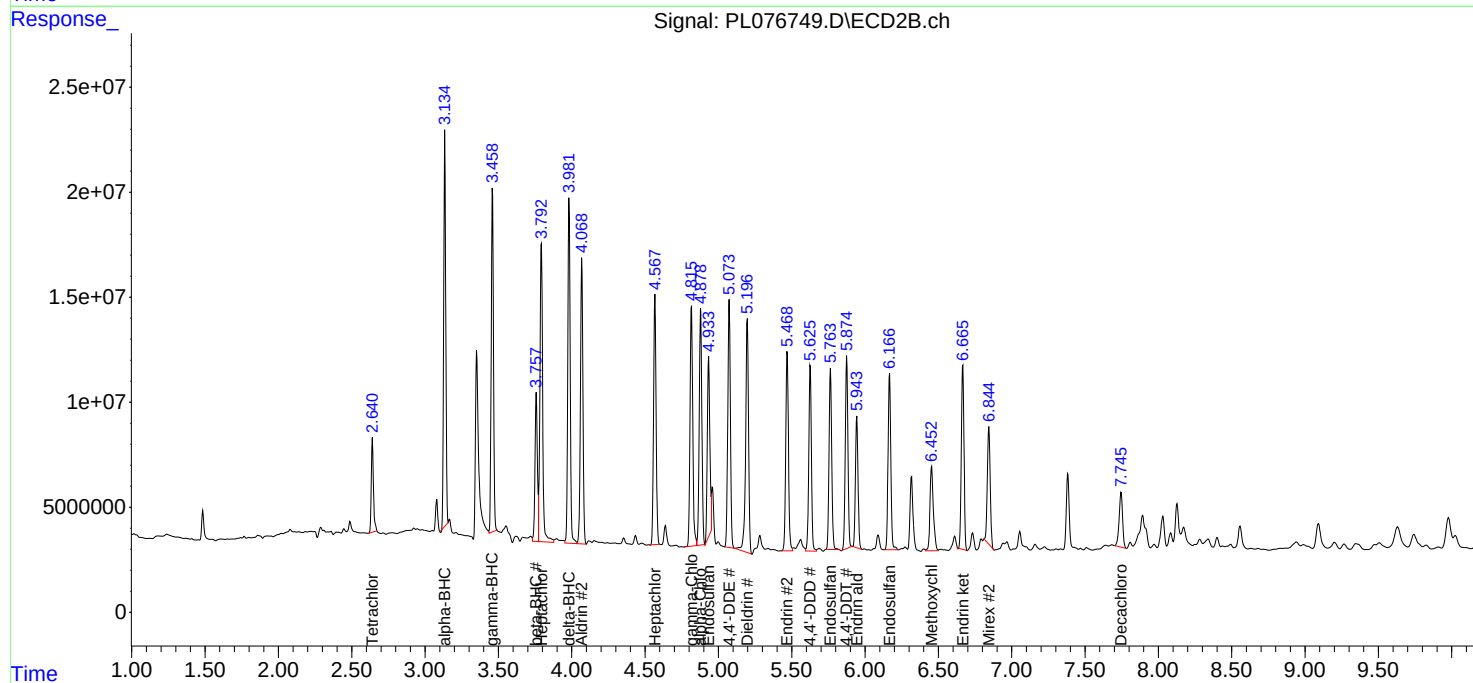
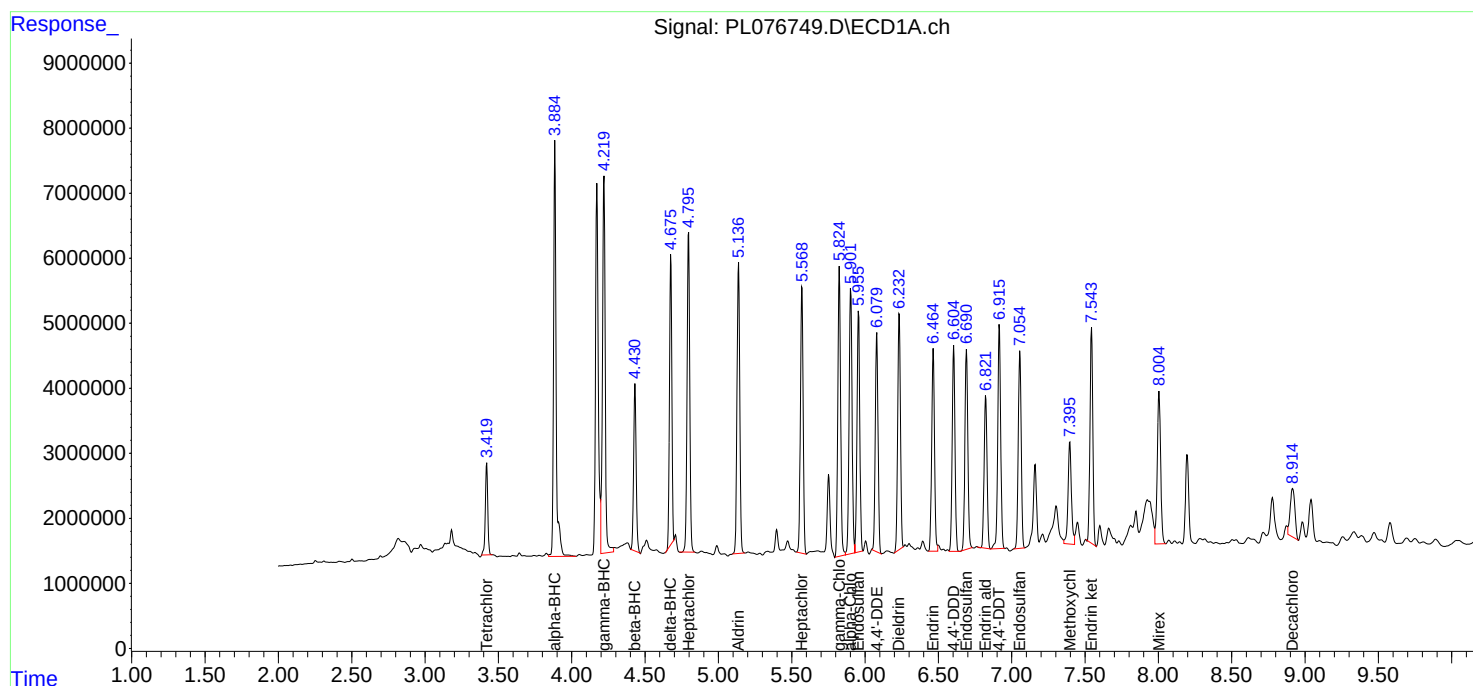
Manual Integrations

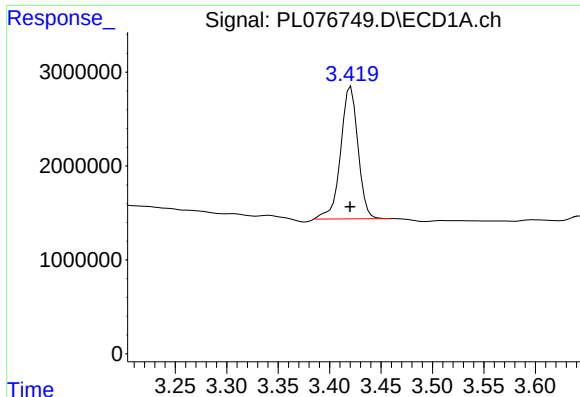
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Integration File signal 1: autoint1.e
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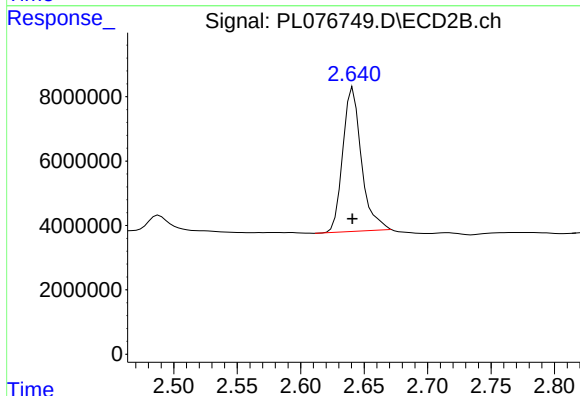
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 16541064
Conc: 16.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MS

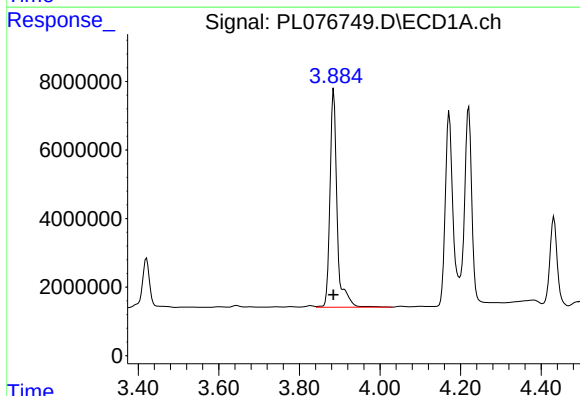
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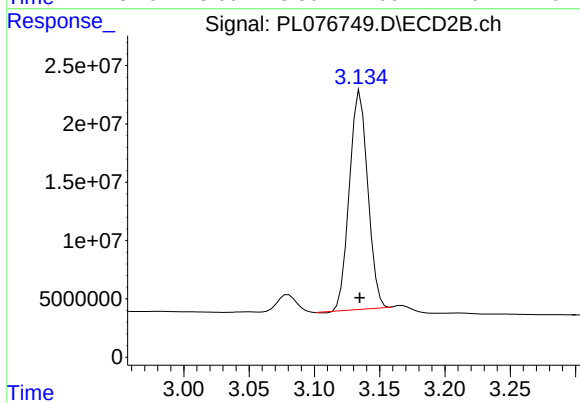
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: 0.000 min
Response: 45648729
Conc: 15.39 ng/ml



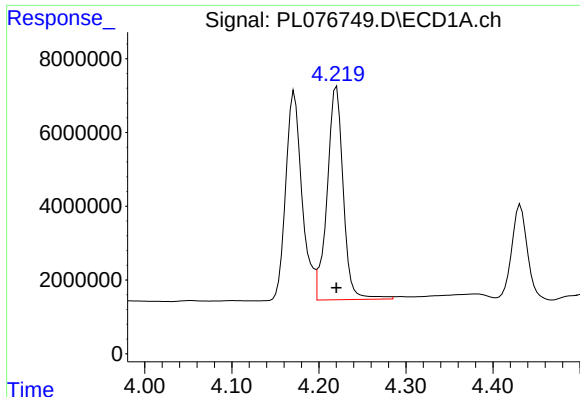
#2 alpha-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 78437115
Conc: 54.39 ng/ml



#2 alpha-BHC

R.T.: 3.135 min
Delta R.T.: 0.000 min
Response: 183112069
Conc: 43.86 ng/ml



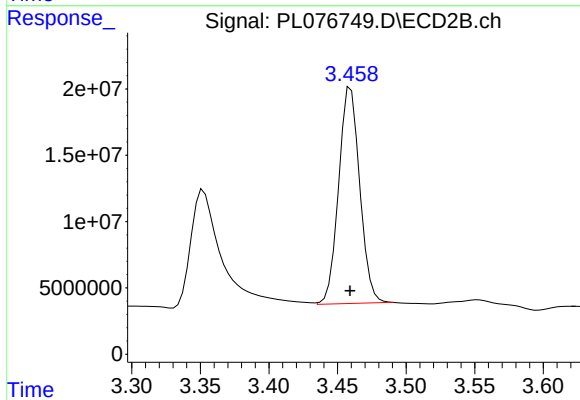
#3 gamma-BHC (Lindane)

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 74339170
Conc: 55.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MS

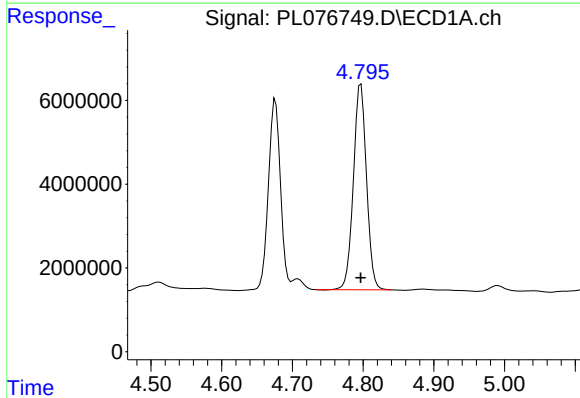
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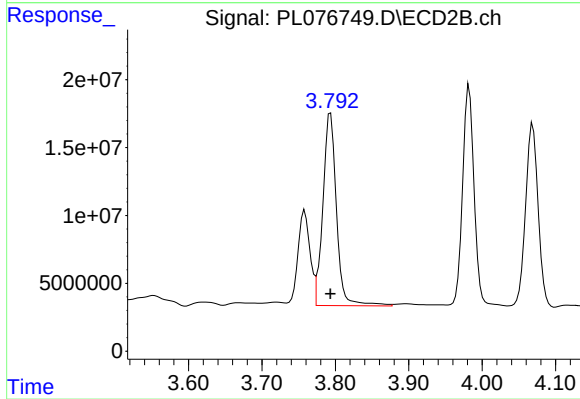
#3 gamma-BHC (Lindane)

R.T.: 3.460 min
Delta R.T.: 0.000 min
Response: 174381251
Conc: 45.75 ng/ml



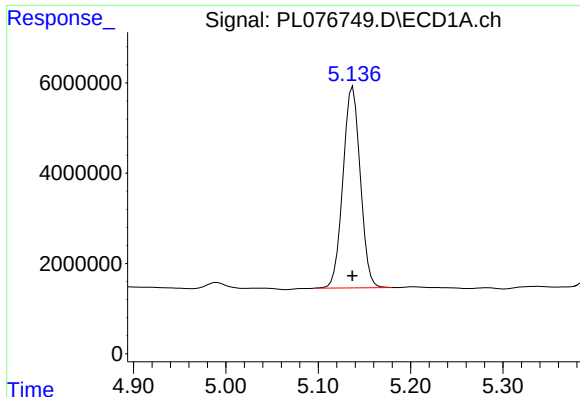
#4 Heptachlor

R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 63313656
Conc: 47.18 ng/ml



#4 Heptachlor

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 182476356
Conc: 48.33 ng/ml



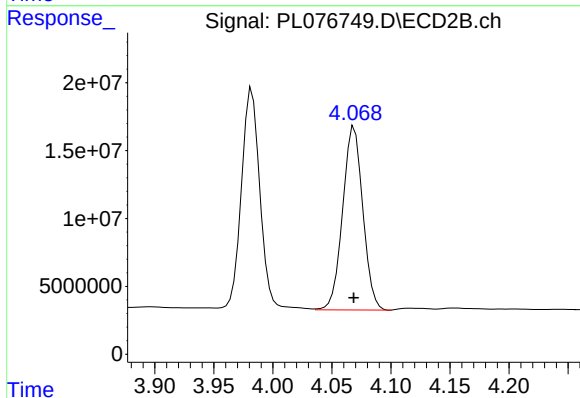
#5 Aldrin

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 58063609
Conc: 48.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MS

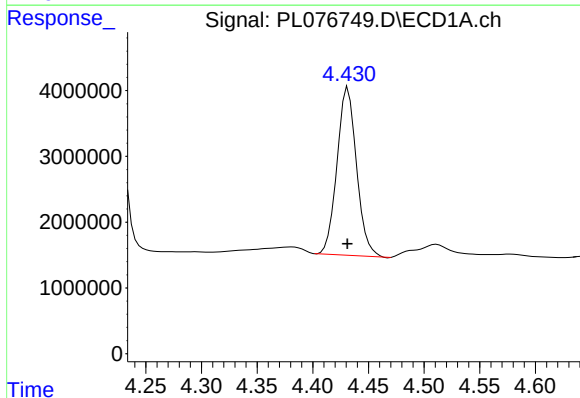
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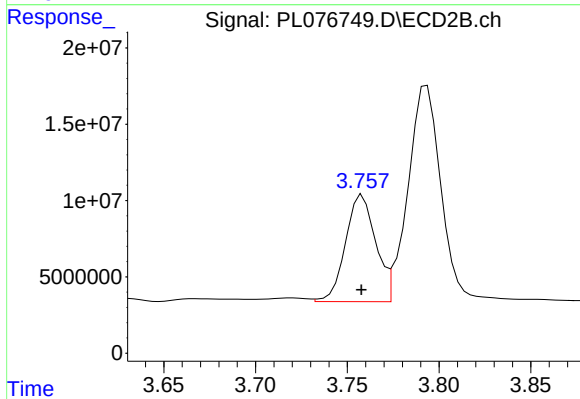
#5 Aldrin

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 160906393
Conc: 45.74 ng/ml



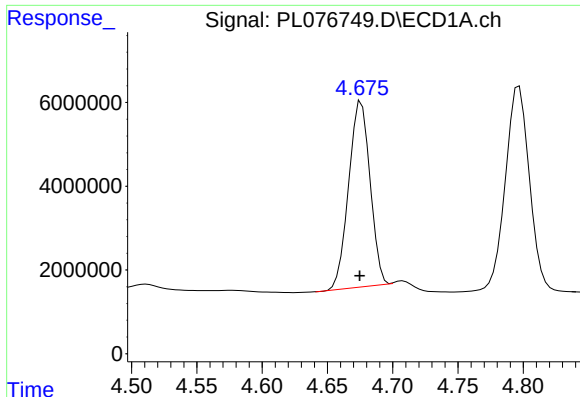
#6 beta-BHC

R.T.: 4.432 min
Delta R.T.: 0.000 min
Response: 31032281
Conc: 52.00 ng/ml



#6 beta-BHC

R.T.: 3.758 min
Delta R.T.: 0.000 min
Response: 79864961
Conc: 47.10 ng/ml



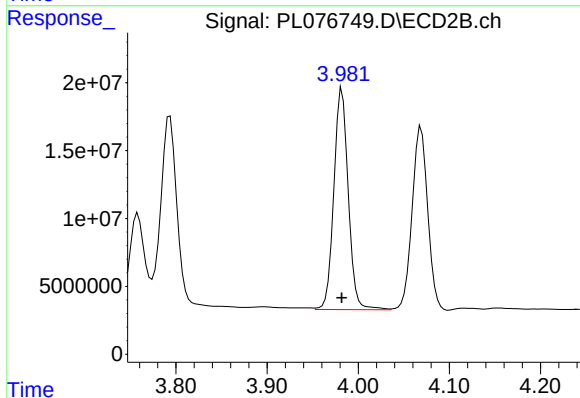
#7 delta-BHC

R.T.: 4.676 min
Delta R.T.: 0.001 min
Response: 50473619
Conc: 45.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MS

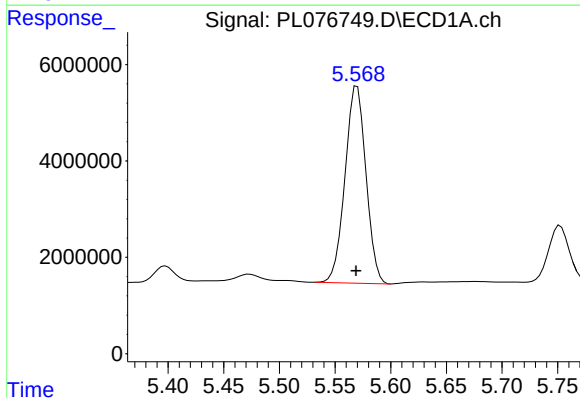
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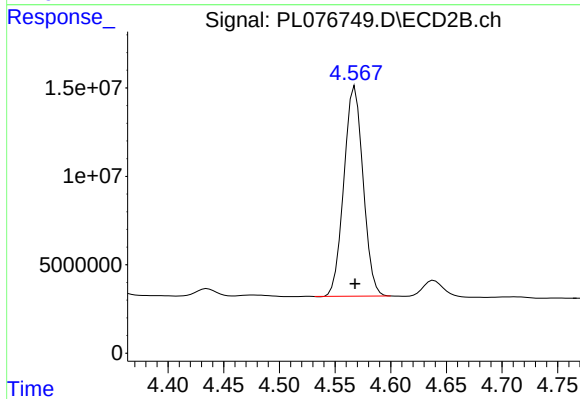
#7 delta-BHC

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 179229850
Conc: 47.00 ng/ml



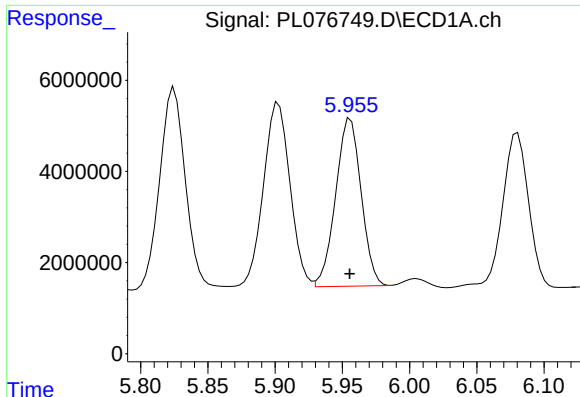
#8 Heptachlor epoxide

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 53548097
Conc: 48.02 ng/ml



#8 Heptachlor epoxide

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 142518552
Conc: 44.93 ng/ml



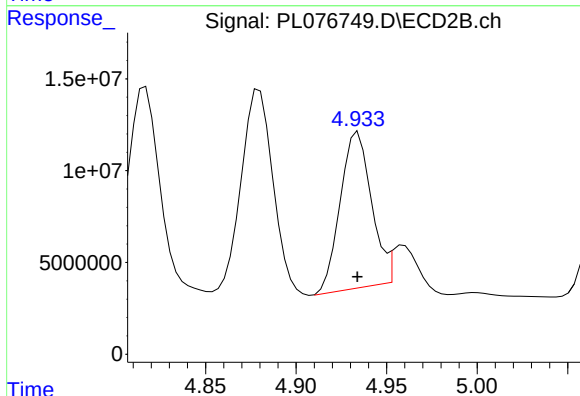
#9 Endosulfan I

R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 48448436
Conc: 46.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MS

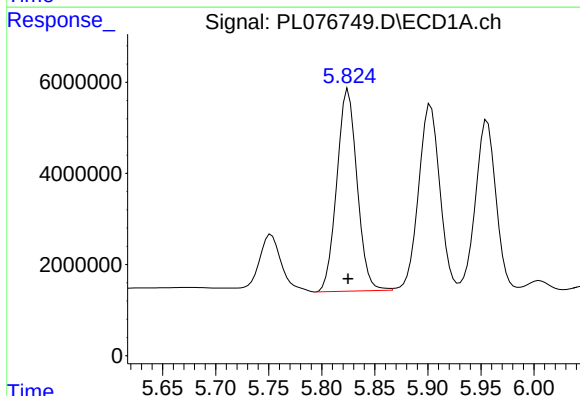
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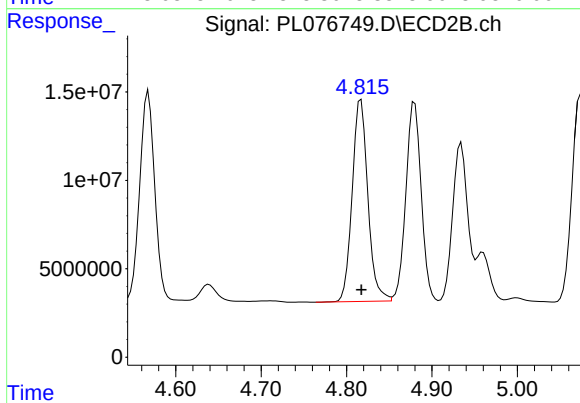
#9 Endosulfan I

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 101772721
Conc: 35.17 ng/ml



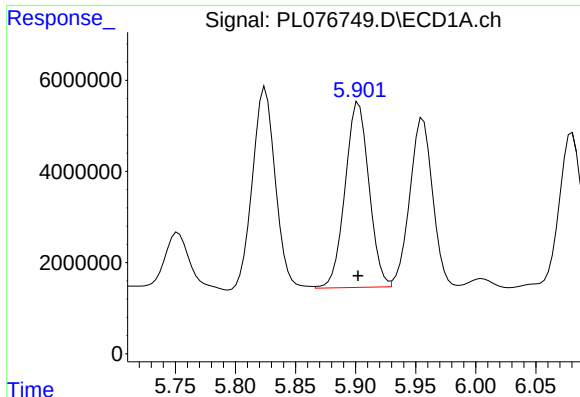
#10 gamma-Chlordane

R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 58839675
Conc: 53.07 ng/ml



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: 0.000 min
Response: 145774666
Conc: 45.55 ng/ml



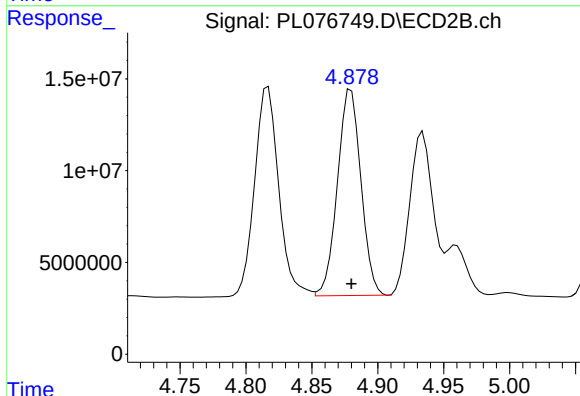
#11 alpha-Chlordane

R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 56304415
Conc: 50.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MS

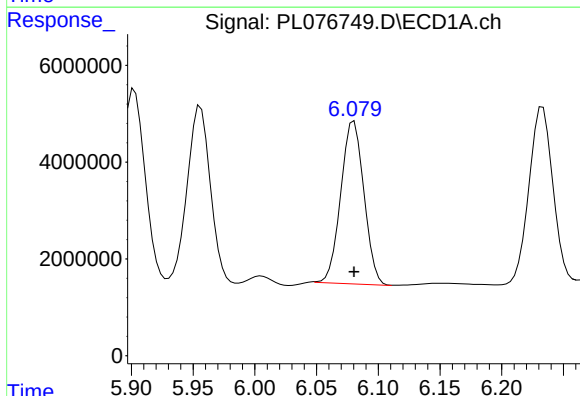
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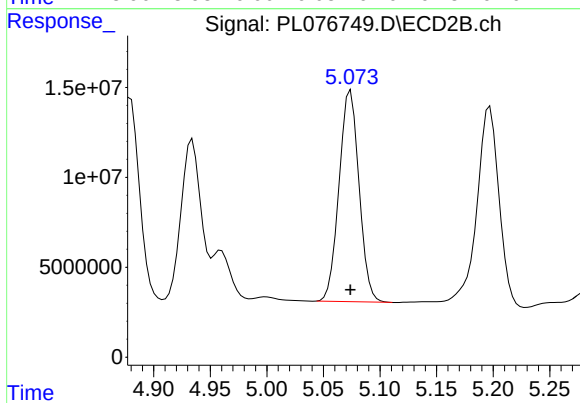
#11 alpha-Chlordane

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 139197709
Conc: 44.60 ng/ml



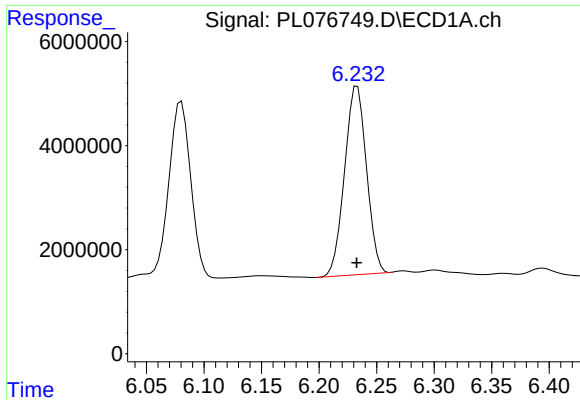
#12 4,4'-DDE

R.T.: 6.079 min
Delta R.T.: -0.001 min
Response: 43928598
Conc: 44.75 ng/ml m



#12 4,4'-DDE

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 143555293
Conc: 48.30 ng/ml



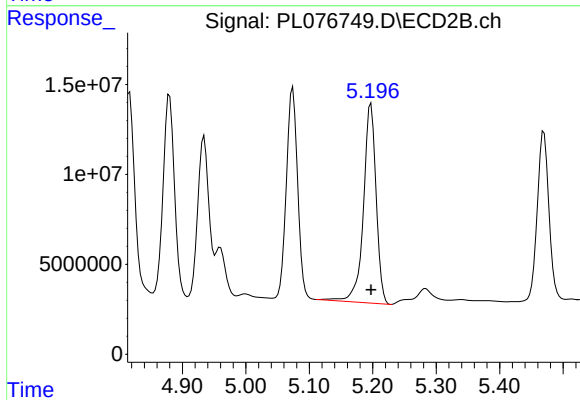
#13 Dieldrin

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 48272649
Conc: 45.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MS

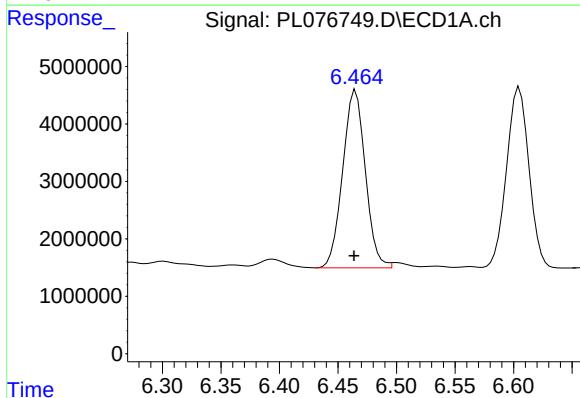
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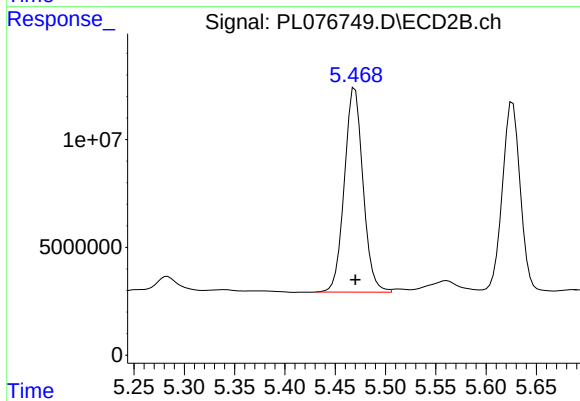
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 153758778
Conc: 49.55 ng/ml



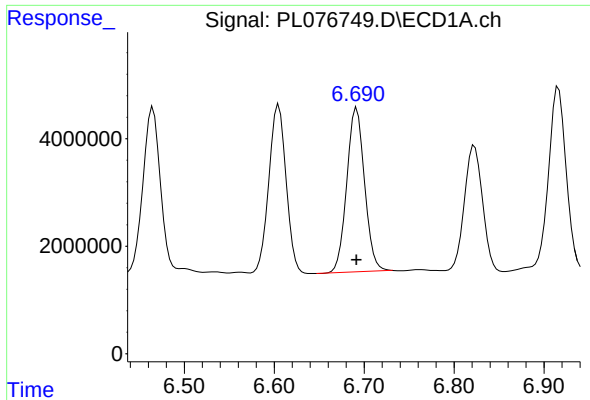
#14 Endrin

R.T.: 6.465 min
Delta R.T.: 0.001 min
Response: 41652646
Conc: 43.36 ng/ml



#14 Endrin

R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 122086194
Conc: 48.63 ng/ml



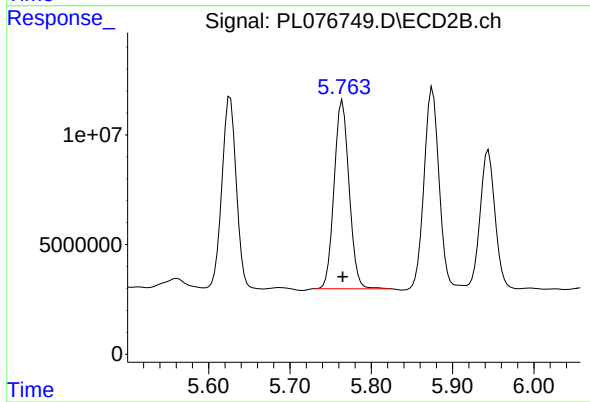
#15 Endosulfan II

R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 41848424
Conc: 46.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MS

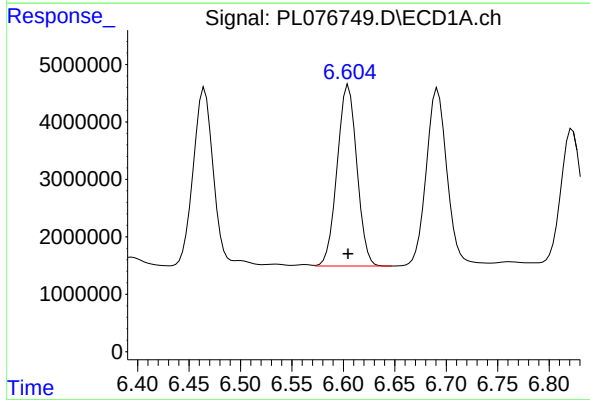
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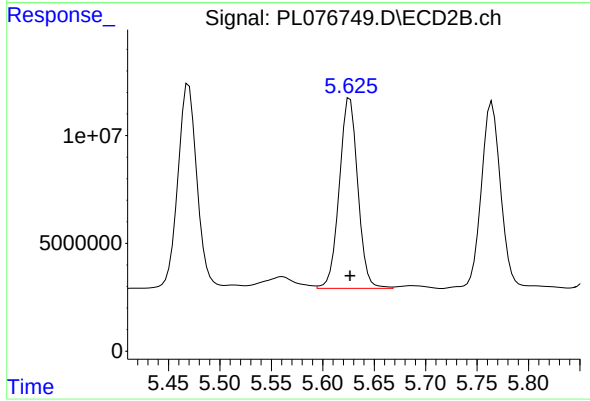
#15 Endosulfan II

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 110132450
Conc: 45.93 ng/ml



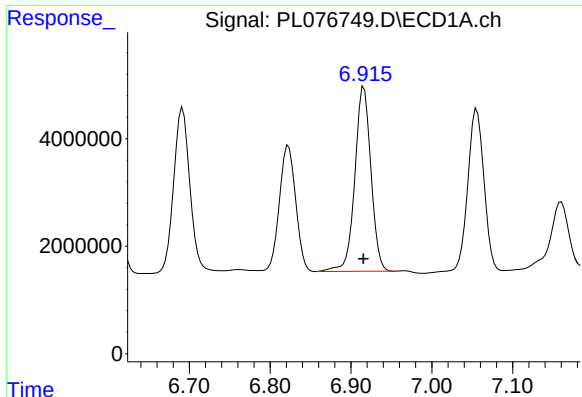
#16 4,4'-DDD

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 42020134
Conc: 50.40 ng/ml



#16 4,4'-DDD

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 110579681
Conc: 46.68 ng/ml



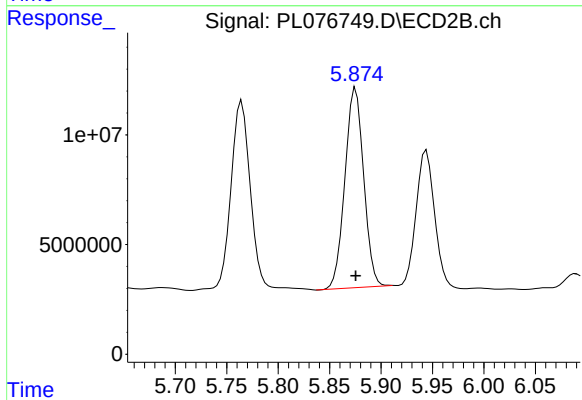
#17 4,4'-DDT

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 47574464
Conc: 52.35 ng/ml

Instrument :
ECD_L
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#17 4,4'-DDT

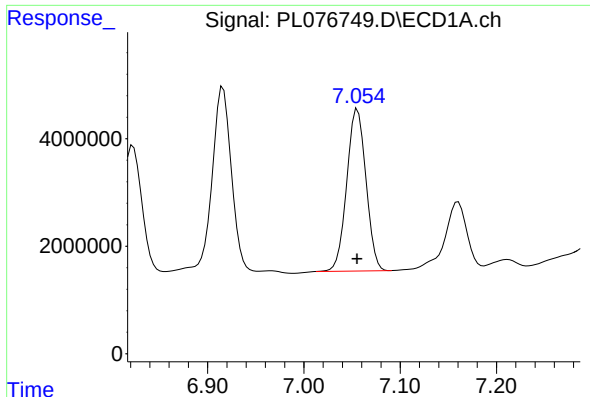
R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 115787942
Conc: 48.19 ng/ml

#18 Endrin aldehyde

R.T.: 6.823 min
Delta R.T.: 0.000 min
Response: 32490790
Conc: 44.57 ng/ml

#18 Endrin aldehyde

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 77228523
Conc: 40.99 ng/ml



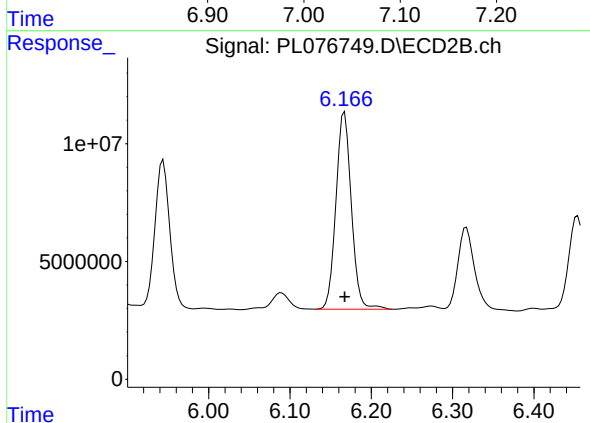
#19 Endosulfan Sulfate

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 41721316
Conc: 46.39 ng/ml

Instrument :
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ClientSampleId :
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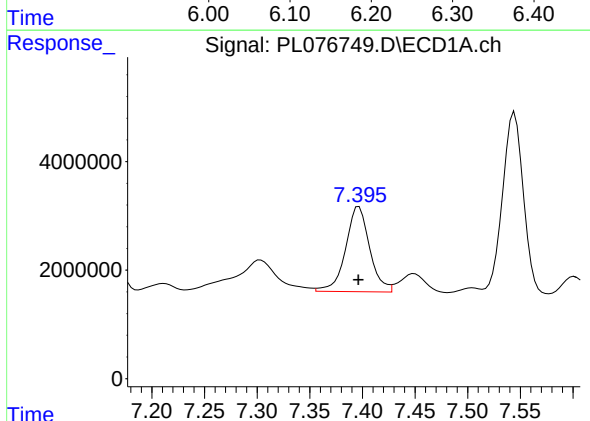
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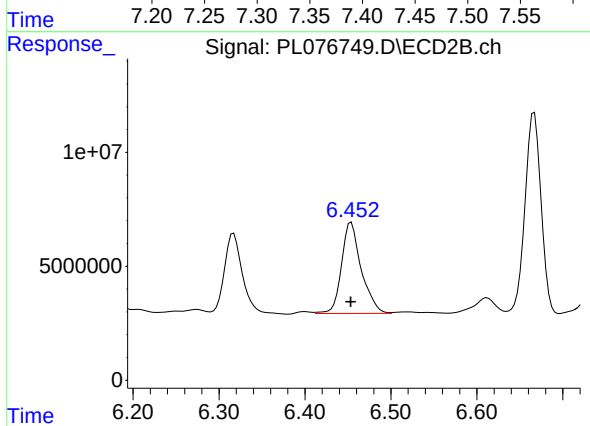
#19 Endosulfan Sulfate

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 110028648
Conc: 44.73 ng/ml



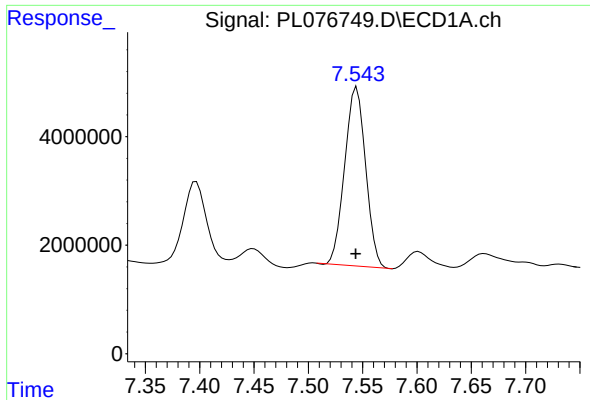
#20 Methoxychlor

R.T.: 7.397 min
Delta R.T.: 0.000 min
Response: 24986587
Conc: 49.38 ng/ml



#20 Methoxychlor

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 63791104
Conc: 48.77 ng/ml



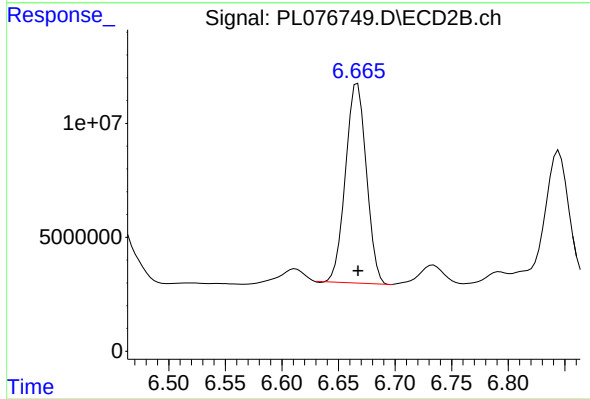
#21 Endrin ketone

R.T.: 7.545 min
Delta R.T.: 0.001 min
Response: 44287871
Conc: 43.31 ng/ml

Instrument :
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ClientSampleId :
72-11977MS

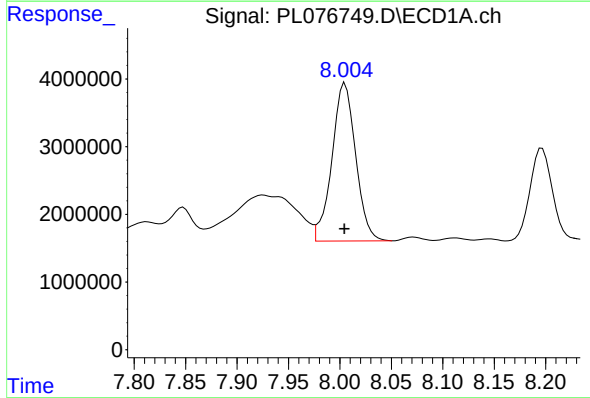
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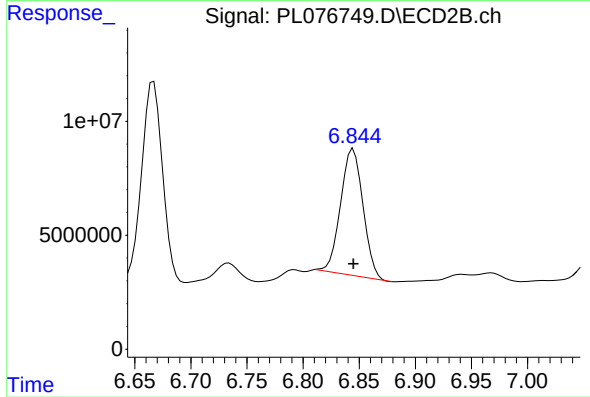
#21 Endrin ketone

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 112336862
Conc: 41.39 ng/ml



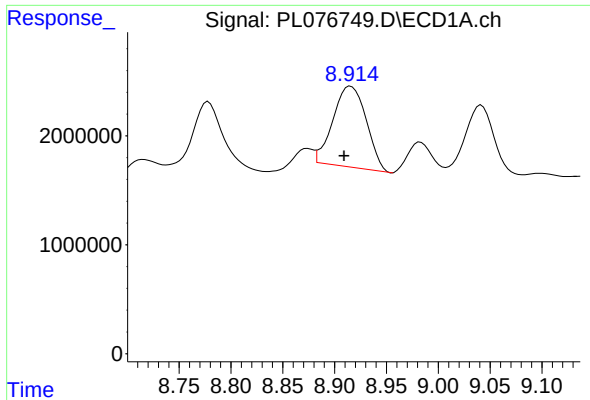
#22 Mirex

R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 37345603
Conc: 48.28 ng/ml



#22 Mirex

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 76523361
Conc: 38.16 ng/ml



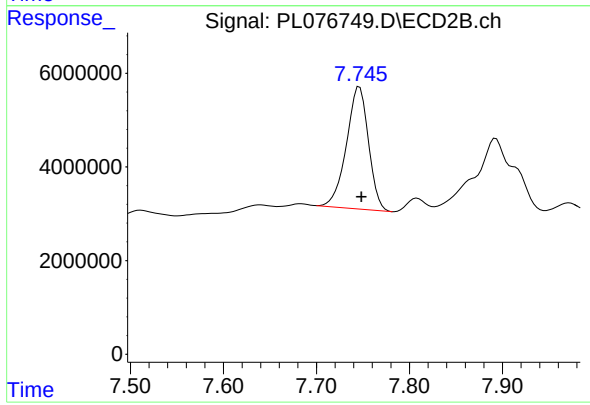
#28 Decachlorobiphenyl

R.T.: 8.915 min
Delta R.T.: 0.006 min
Response: 16627508
Conc: 18.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/29/2022
Supervised By :Ankita Jodhani 07/29/2022



#28 Decachlorobiphenyl

R.T.: 7.745 min
Delta R.T.: -0.003 min
Response: 43045470
Conc: 16.77 ng/ml m