

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022124\
 Data File : PL088190.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2024 20:58
 Operator : AR\AJ
 Sample : P1545-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 287MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/22/2024
 Supervised By :Ankita Jodhani 02/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 00:19:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 2024
 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...	3.634	2.853	62400674	28356683	22.718	20.218
28) SA Decachlor...	9.299	8.082	37430734	22643603	19.435	17.784
Target Compounds						
2) A alpha-BHC	4.098	3.367	214.7E6	108.1E6	51.426	52.603m
3) MA gamma-BHC...	4.437	3.705	210.7E6	101.0E6	52.021	50.415
4) MA Heptachlor	5.037	4.053	198.2E6	99093944	51.508	54.395
5) MB Aldrin	5.384	4.339	190.0E6	98260895	49.749	50.664
6) B beta-BHC	4.635	4.006	76076587	46228362	43.681	51.937
7) B delta-BHC	4.886	4.241	183.7E6	90205363	48.278	45.220
8) B Heptachlo...	5.816	4.849	171.1E6	85146098	48.837	49.082
9) A Endosulfan I	6.206	5.225	157.0E6	77266513	50.149	48.019
10) B gamma-Chl...	6.075	5.103	170.3E6	95713454	50.114	53.657
11) B alpha-Chl...	6.155	5.169	181.5E6	92246453	53.188	51.781
12) B 4,4'-DDE	6.330	5.361	136.2E6	83252625	44.907	52.380
13) MA Dieldrin	6.485	5.493	167.6E6	91600134	50.966	53.090m
14) MA Endrin	6.716	5.773	125.5E6	78659376	48.245m	52.610
15) B Endosulfa...	6.936	6.071	141.6E6	72605576	49.433m	47.660
16) A 4,4'-DDD	6.851	5.924	128.9E6	52742743	49.689m	38.605
17) MA 4,4'-DDT	7.170	6.179	135.0E6	70811556	51.353	51.868
18) B Endrin al...	7.069	6.252	111.9E6	54755210	54.126	50.134
19) B Endosulfa...	7.305	6.478	113.1E6	67200492	43.396	47.849
20) A Methoxychlor	7.649	6.762	49659511	38711515	37.515	49.392 #
21) B Endrin ke...	7.797	6.991	147.8E6	80060456	52.766	47.820
22) Mirex	8.278	7.176	111.6E6	63516753	48.145	48.482m

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

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Acq On : 21 Feb 2024 20:58
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Misc :
ALS Vial : 25 Sample Multiplier: 1

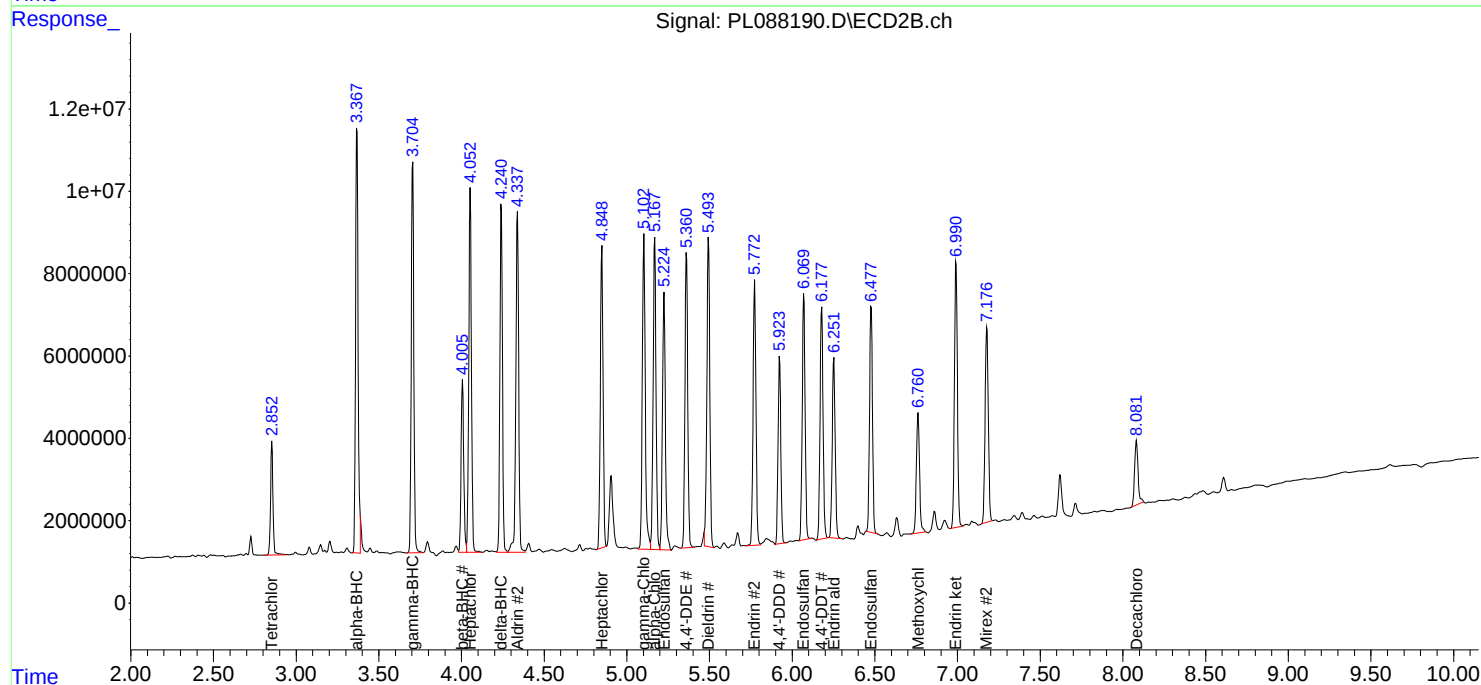
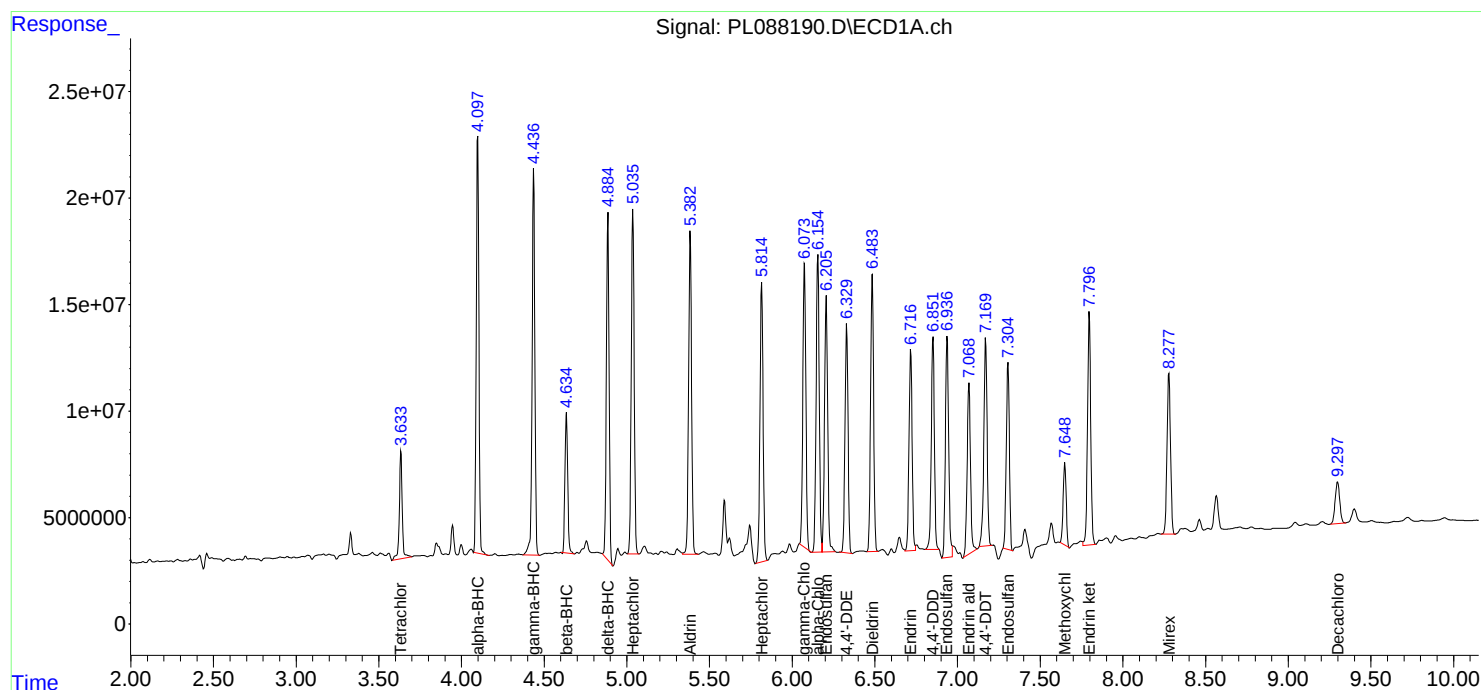
Instrument :
ECD_L
ClientSampleId :
287MSD

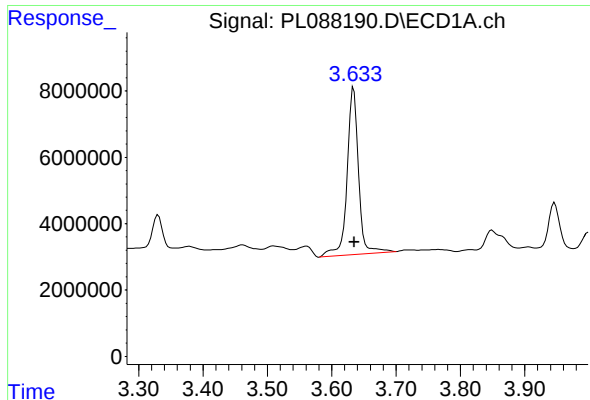
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Integration File signal 1: autoint1.e
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Quant Time: Feb 22 00:19:16 2024
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Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 2024
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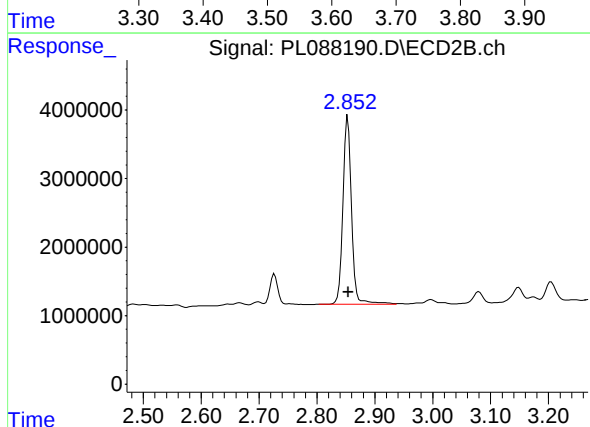
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 62400674
Conc: 22.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
287MSD

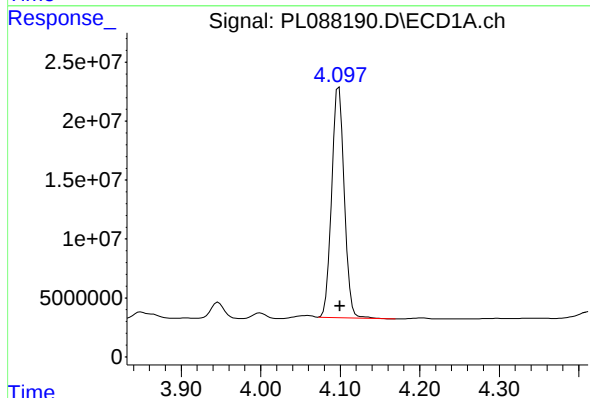
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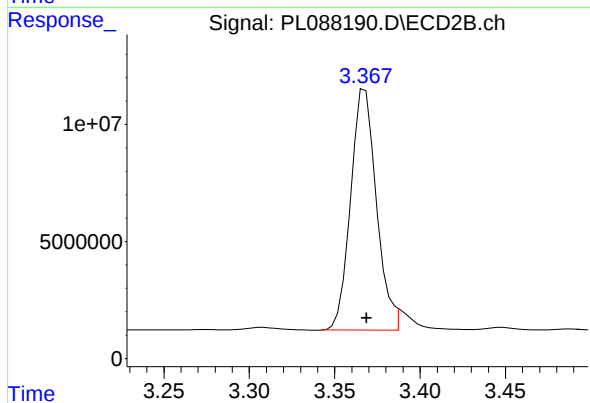
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: 0.000 min
Response: 28356683
Conc: 20.22 ng/ml



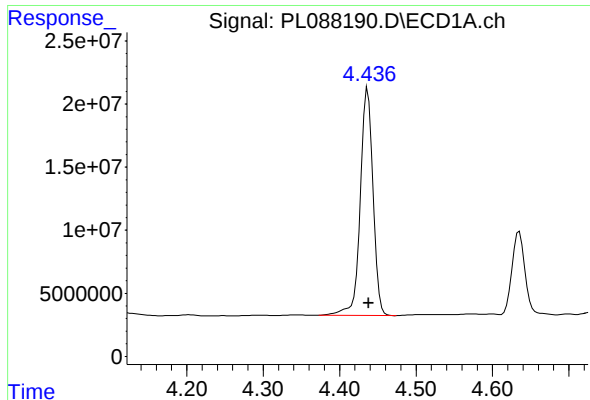
#2 alpha-BHC

R.T.: 4.098 min
Delta R.T.: -0.001 min
Response: 214664496
Conc: 51.43 ng/ml



#2 alpha-BHC

R.T.: 3.367 min
Delta R.T.: -0.002 min
Response: 108088991
Conc: 52.60 ng/ml m



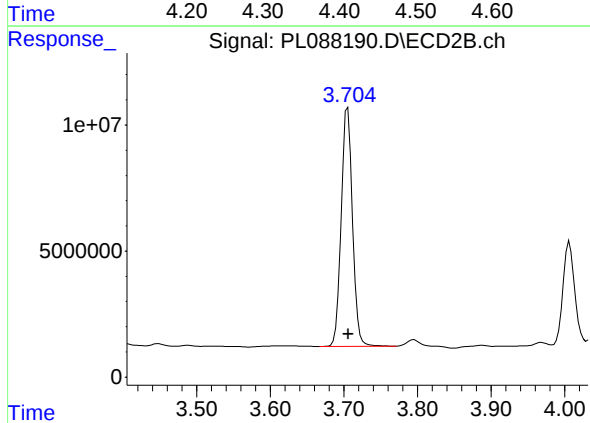
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: -0.001 min
Response: 210660125
Conc: 52.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
287MSD

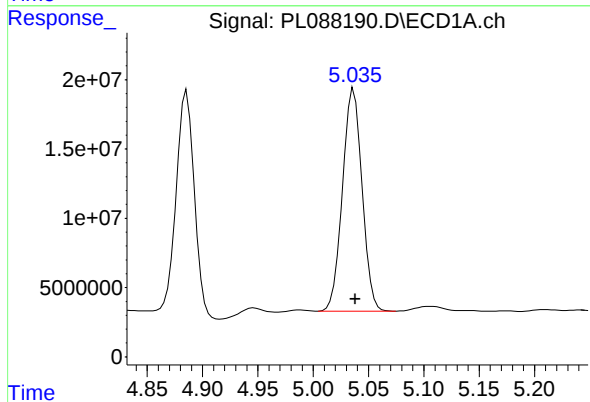
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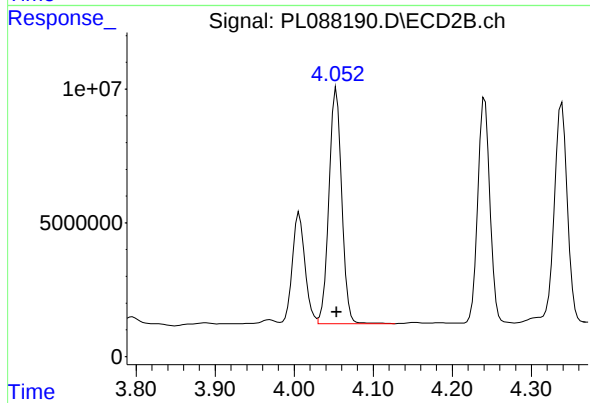
#3 gamma-BHC (Lindane)

R.T.: 3.705 min
Delta R.T.: 0.000 min
Response: 100957004
Conc: 50.41 ng/ml



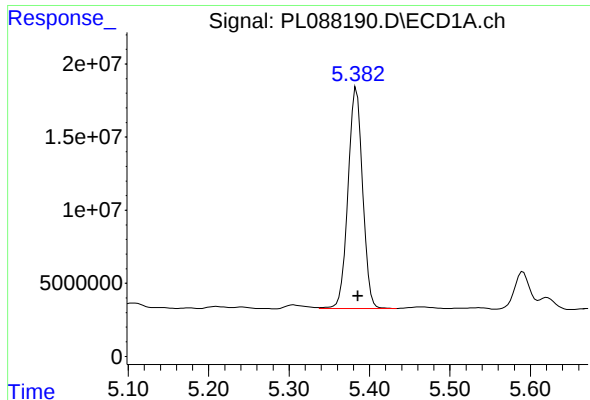
#4 Heptachlor

R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 198218329
Conc: 51.51 ng/ml



#4 Heptachlor

R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 99093944
Conc: 54.39 ng/ml



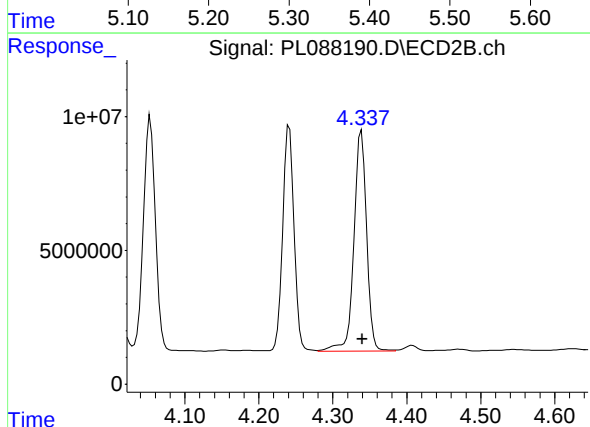
#5 Aldrin

R.T.: 5.384 min
Delta R.T.: -0.002 min
Response: 189957793
Conc: 49.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
287MSD

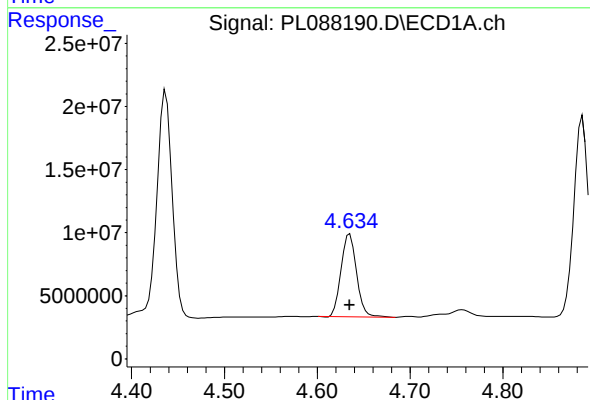
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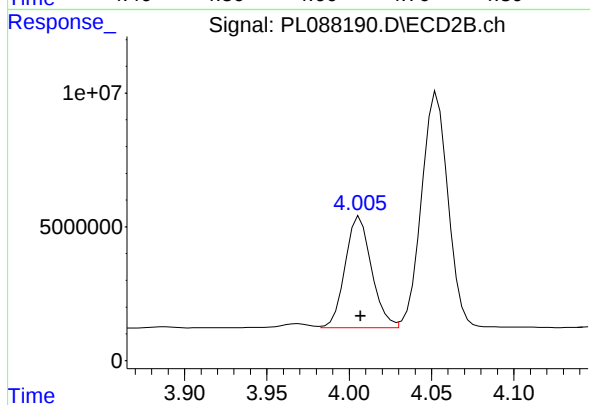
#5 Aldrin

R.T.: 4.339 min
Delta R.T.: -0.001 min
Response: 98260895
Conc: 50.66 ng/ml



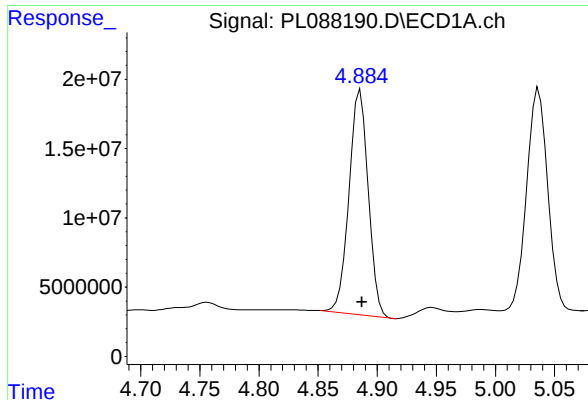
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 76076587
Conc: 43.68 ng/ml



#6 beta-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 46228362
Conc: 51.94 ng/ml



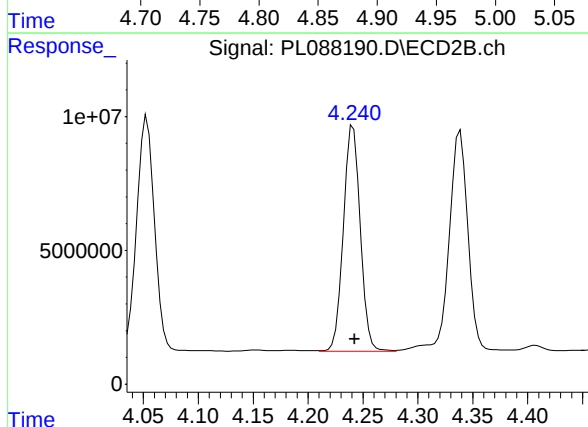
#7 delta-BHC

R.T.: 4.886 min
Delta R.T.: -0.001 min
Response: 183683495
Conc: 48.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
287MSD

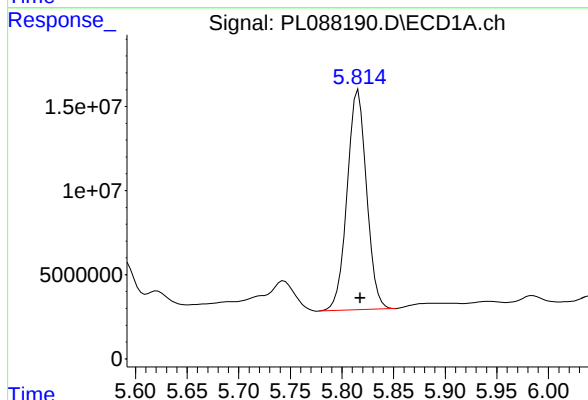
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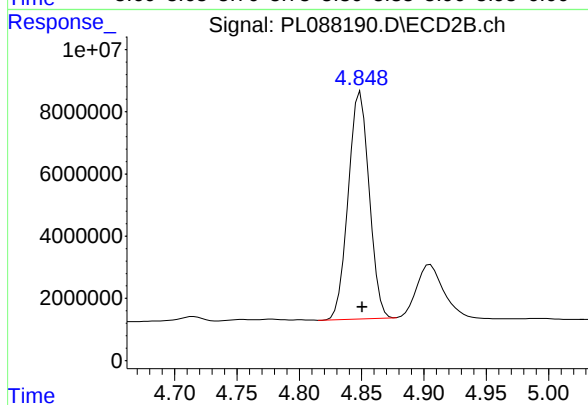
#7 delta-BHC

R.T.: 4.241 min
Delta R.T.: -0.001 min
Response: 90205363
Conc: 45.22 ng/ml



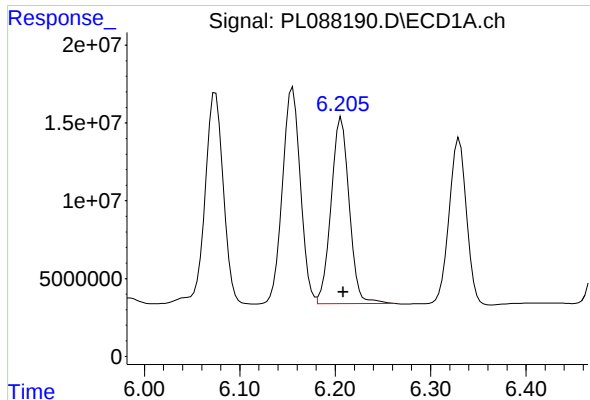
#8 Heptachlor epoxide

R.T.: 5.816 min
Delta R.T.: -0.002 min
Response: 171107698
Conc: 48.84 ng/ml



#8 Heptachlor epoxide

R.T.: 4.849 min
Delta R.T.: -0.001 min
Response: 85146098
Conc: 49.08 ng/ml



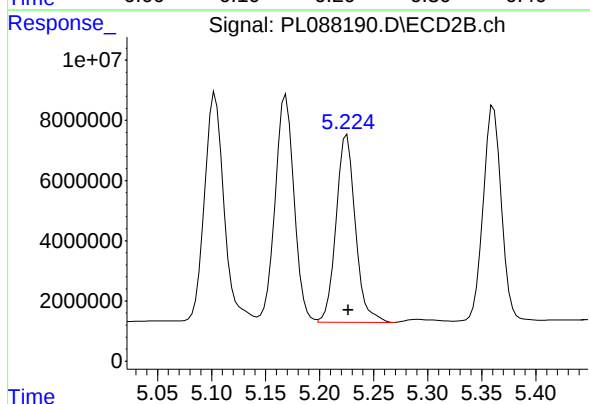
#9 Endosulfan I

R.T.: 6.206 min
Delta R.T.: -0.002 min
Response: 156959020
Conc: 50.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
287MSD

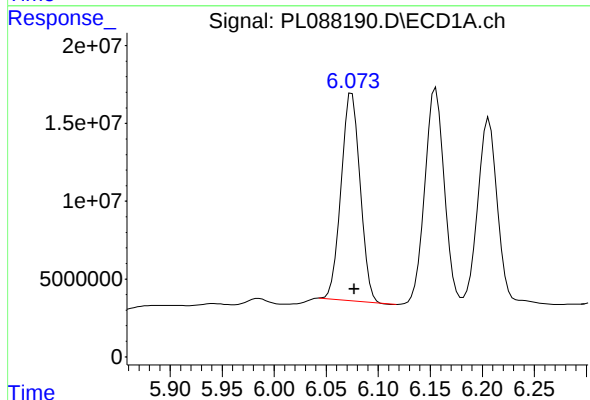
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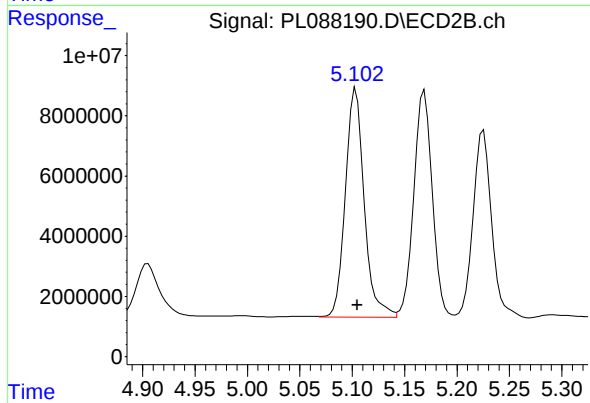
#9 Endosulfan I

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 77266513
Conc: 48.02 ng/ml



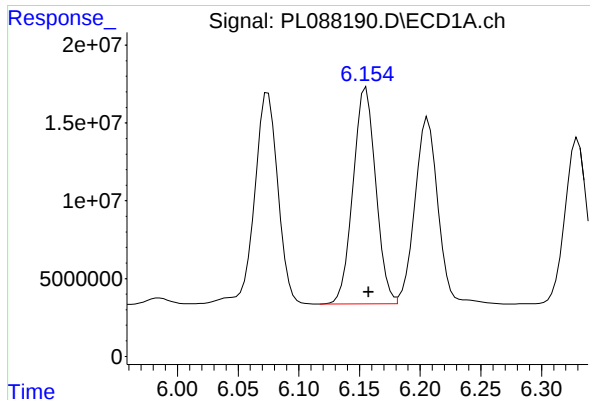
#10 gamma-Chlordane

R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 170302890
Conc: 50.11 ng/ml



#10 gamma-Chlordane

R.T.: 5.103 min
Delta R.T.: -0.002 min
Response: 95713454
Conc: 53.66 ng/ml



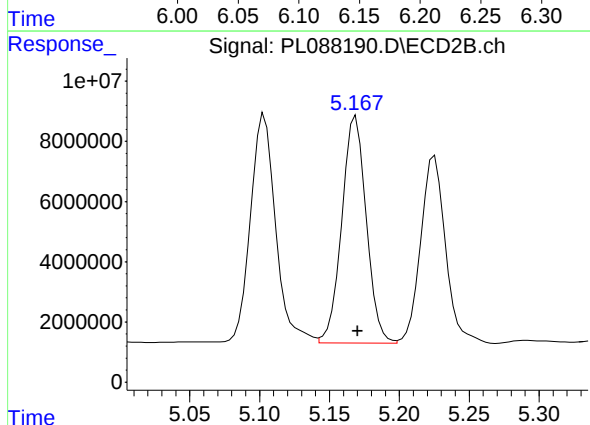
#11 alpha-Chlordane

R.T.: 6.155 min
Delta R.T.: -0.002 min
Response: 181517900
Conc: 53.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
287MSD

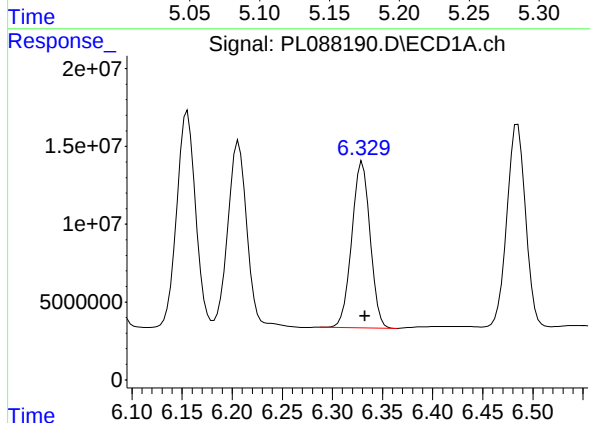
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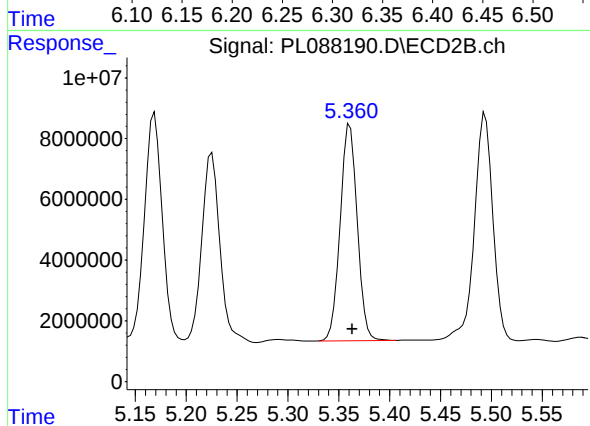
#11 alpha-Chlordane

R.T.: 5.169 min
Delta R.T.: -0.001 min
Response: 92246453
Conc: 51.78 ng/ml



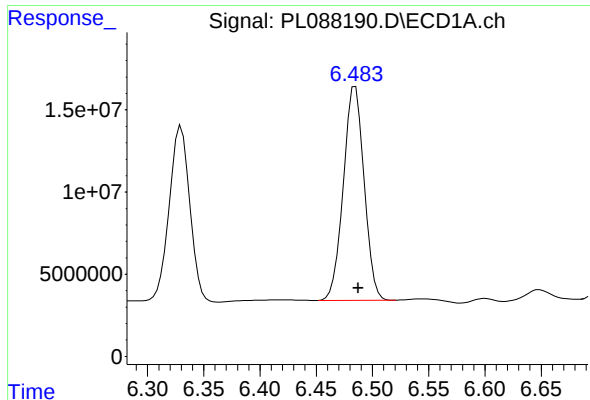
#12 4,4'-DDE

R.T.: 6.330 min
Delta R.T.: -0.002 min
Response: 136196905
Conc: 44.91 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 83252625
Conc: 52.38 ng/ml



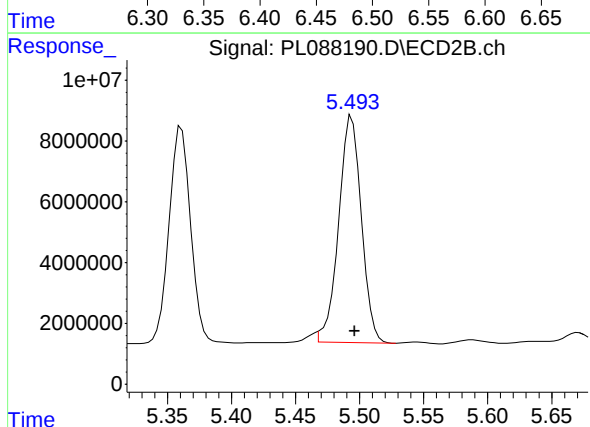
#13 Dieldrin

R.T.: 6.485 min
Delta R.T.: -0.003 min
Response: 167582384
Conc: 50.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
287MSD

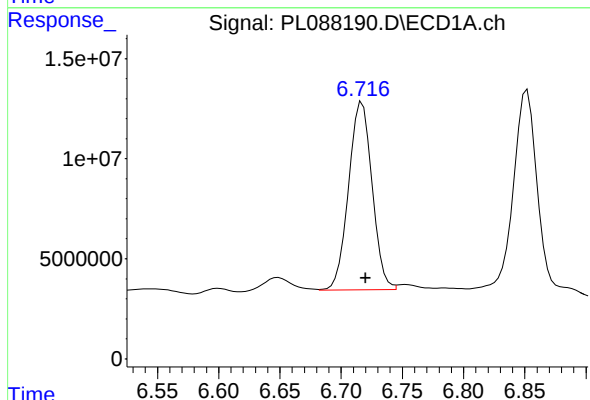
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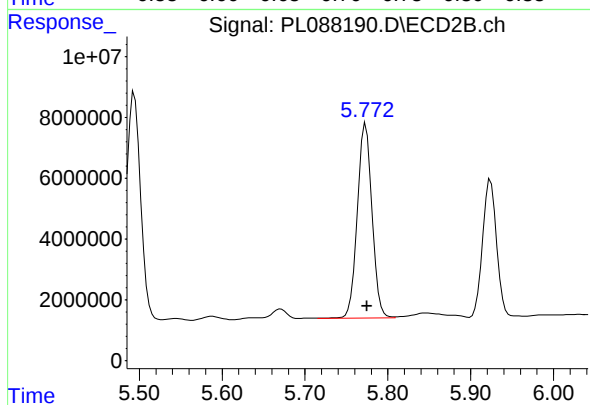
#13 Dieldrin

R.T.: 5.493 min
Delta R.T.: -0.003 min
Response: 91600134
Conc: 53.09 ng/ml



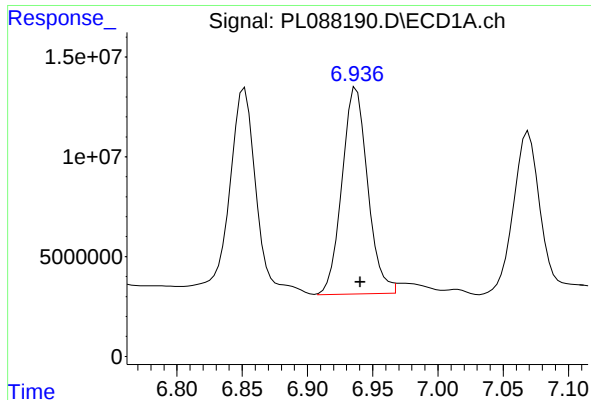
#14 Endrin

R.T.: 6.716 min
Delta R.T.: -0.004 min
Response: 125468037
Conc: 48.25 ng/ml



#14 Endrin

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 78659376
Conc: 52.61 ng/ml



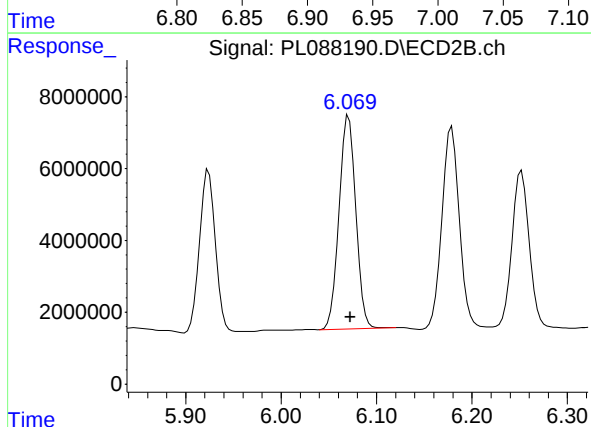
#15 Endosulfan II

R.T.: 6.936 min
Delta R.T.: -0.005 min
Response: 141572159
Conc: 49.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
287MSD

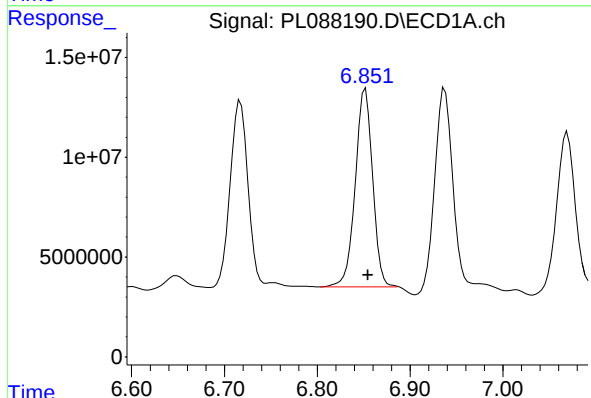
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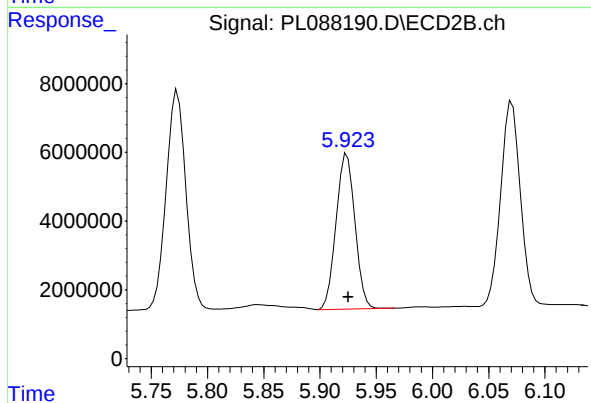
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 72605576
Conc: 47.66 ng/ml



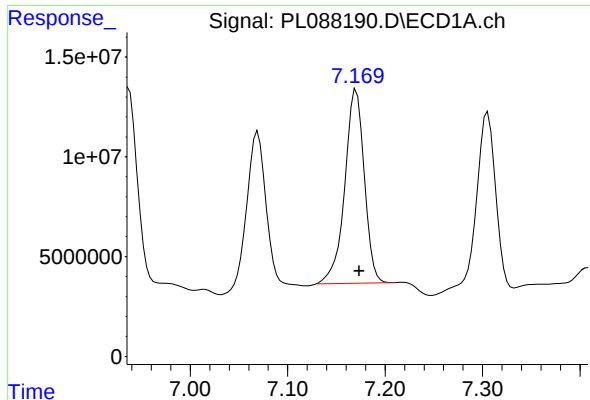
#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: -0.004 min
Response: 128877817
Conc: 49.69 ng/ml m



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 52742743
Conc: 38.60 ng/ml



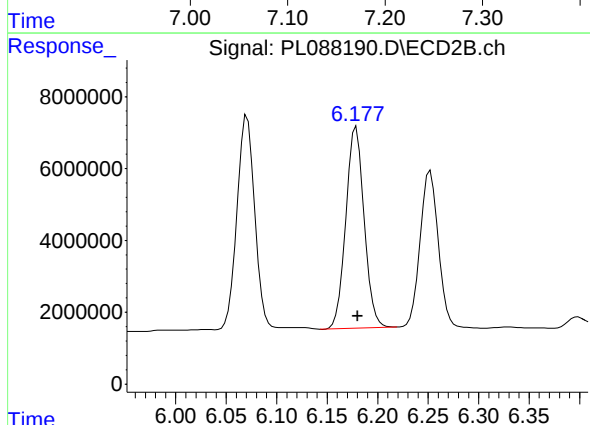
#17 4,4'-DDT

R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 135017045
Conc: 51.35 ng/ml

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ECD_L
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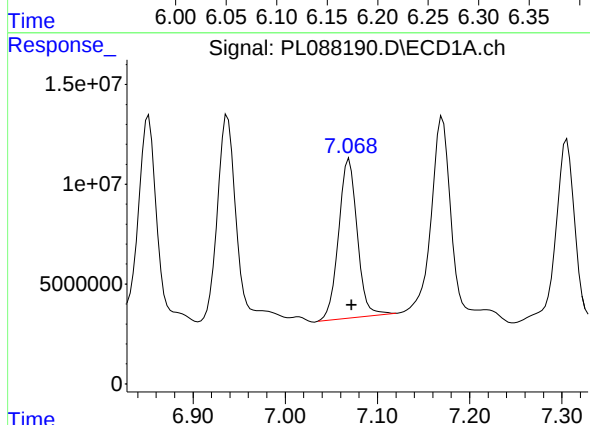
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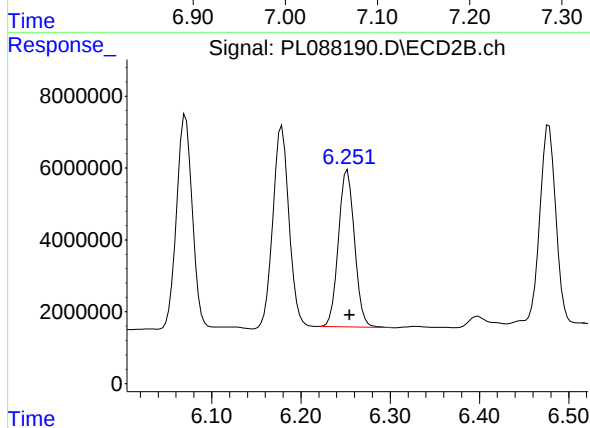
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 70811556
Conc: 51.87 ng/ml



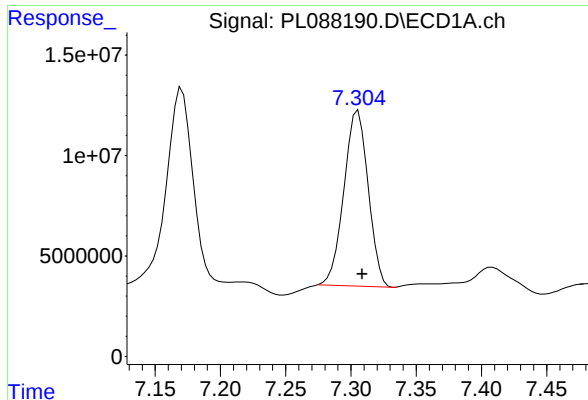
#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: -0.003 min
Response: 111913833
Conc: 54.13 ng/ml



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: -0.003 min
Response: 54755210
Conc: 50.13 ng/ml



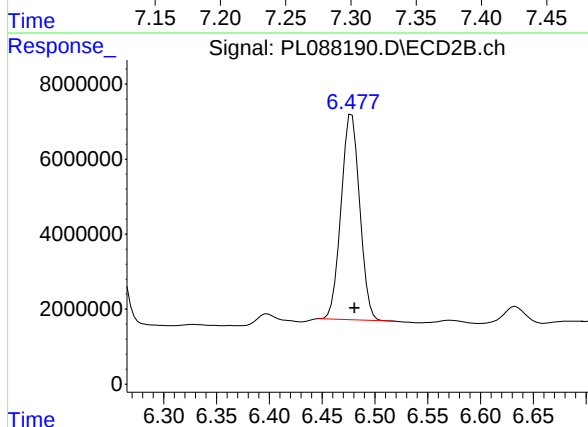
#19 Endosulfan Sulfate

R.T.: 7.305 min
Delta R.T.: -0.003 min
Response: 113053376
Conc: 43.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
287MSD

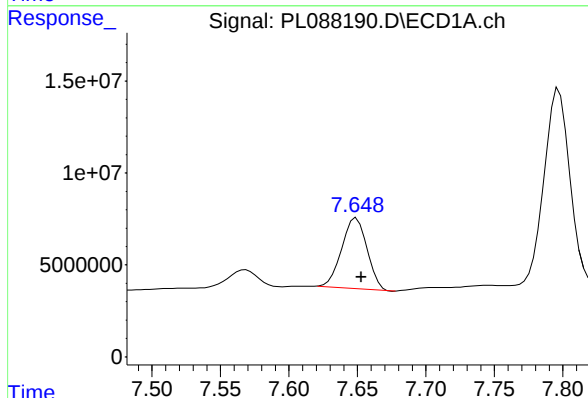
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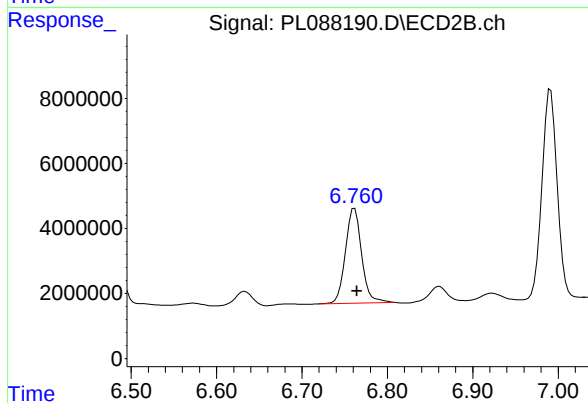
#19 Endosulfan Sulfate

R.T.: 6.478 min
Delta R.T.: -0.003 min
Response: 67200492
Conc: 47.85 ng/ml



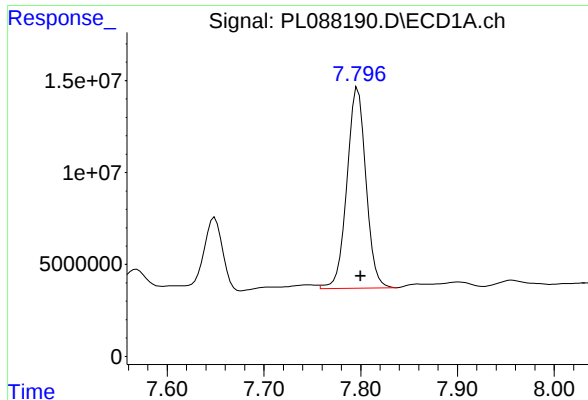
#20 Methoxychlor

R.T.: 7.649 min
Delta R.T.: -0.004 min
Response: 49659511
Conc: 37.52 ng/ml



#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: -0.003 min
Response: 38711515
Conc: 49.39 ng/ml



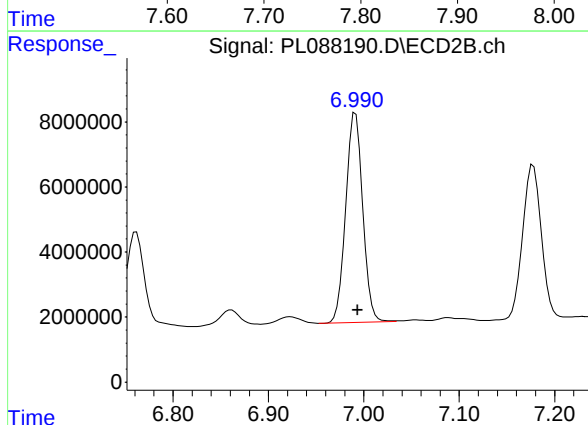
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: -0.003 min
Response: 147804586
Conc: 52.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
287MSD

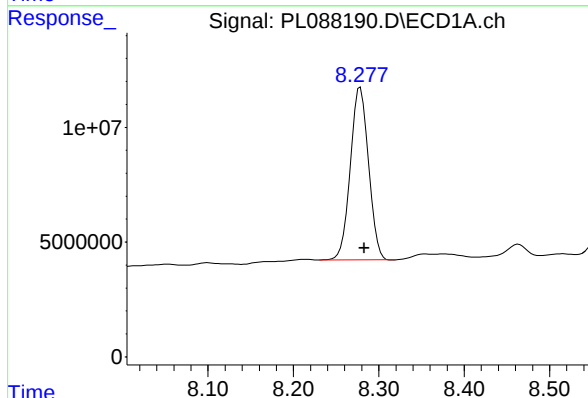
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/22/2024
Supervised By :Ankita Jodhani 02/22/2024



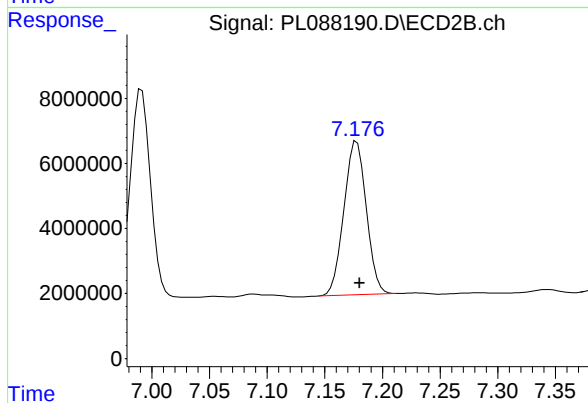
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.003 min
Response: 80060456
Conc: 47.82 ng/ml



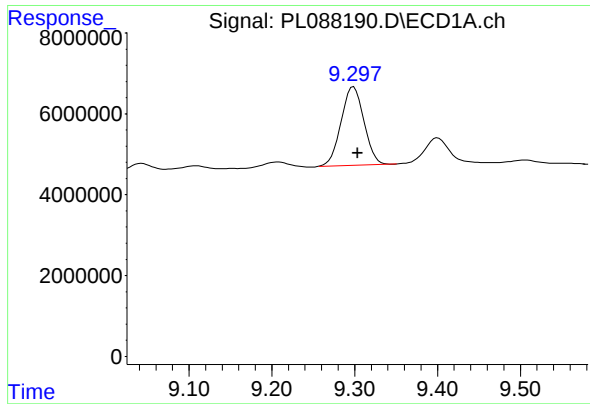
#22 Mirex

R.T.: 8.278 min
Delta R.T.: -0.004 min
Response: 111560724
Conc: 48.14 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.004 min
Response: 63516753
Conc: 48.48 ng/ml m



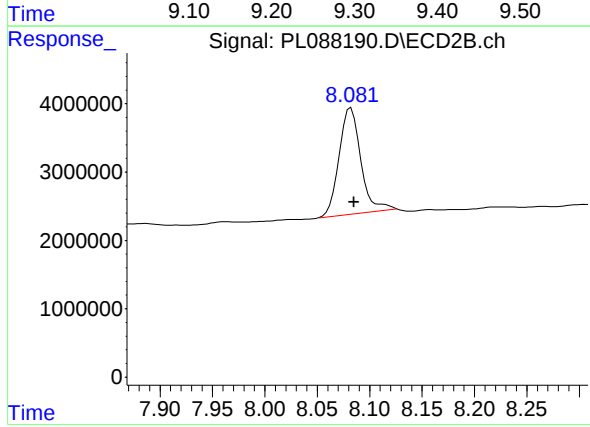
#28 Decachlorobiphenyl

R.T.: 9.299 min
Delta R.T.: -0.005 min
Response: 37430734
Conc: 19.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
287MSD

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#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: -0.003 min
Response: 22643603
Conc: 17.78 ng/ml