

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122623\
 Data File : PL087482.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Dec 2023 12:59
 Operator : AR\AJ
 Sample : 05975-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MW-7-122023MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/28/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 26 20:28:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 2023
 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	2.677	59766283	25373887	15.881	15.074
28)	SA Decachlor...	8.978	7.864	53108488	24771418	15.575	14.667
Target Compounds							
2)	A alpha-BHC	3.878	3.180	243.2E6	102.9E6	44.913	41.870m
3)	MA gamma-BHC...	4.211	3.512	227.1E6	98689208	43.212	40.740
4)	MA Heptachlor	4.802	3.854	222.6E6	94225510	41.789m	39.420
5)	MB Aldrin	5.146	4.134	211.3E6	90939408	40.575	37.927
6)	B beta-BHC	4.410	3.813	98794838	41510557	43.014	39.876
7)	B delta-BHC	4.655	4.042	220.6E6	97350287	42.194m	39.796
8)	B Heptachlo...	5.577	4.642	199.8E6	86623829	42.389	38.927
9)	A Endosulfan I	5.963	5.013	190.0E6	82402501	42.535	38.129
10)	B gamma-Chl...	5.834	4.895	204.7E6	88533469	42.226	38.706
11)	B alpha-Chl...	5.915	4.959	201.0E6	88744857	41.824	38.451
12)	B 4,4'-DDE	6.096	5.157	171.5E6	76844238	41.382	38.702
13)	MA Dieldrin	6.241	5.280	190.2E6	85410674	40.979	38.339
14)	MA Endrin	6.470	5.555	161.3E6	80961702	41.924	40.569
15)	B Endosulfa...	6.693	5.853	156.1E6	71306666	38.912	36.624
16)	A 4,4'-DDD	6.616	5.715	142.7E6	65855307	43.171	39.774
17)	MA 4,4'-DDT	6.931	5.968	146.9E6	70306305	39.078m	38.120
18)	B Endrin al...	6.823	6.035	112.6E6	53053053	38.857	36.149
19)	B Endosulfa...	7.060	6.260	157.2E6	73371386	40.023	38.948
20)	A Methoxychlor	7.417	6.554	78573506	38106513	40.296	37.308
21)	B Endrin ke...	7.545	6.764	166.7E6	84244062	40.986m	39.575m
22)	Mirex	8.024	6.947	128.1E6	65442166	38.033	36.783

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

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 Acq On : 26 Dec 2023 12:59
 Operator : AR\AJ
 Sample : 05975-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

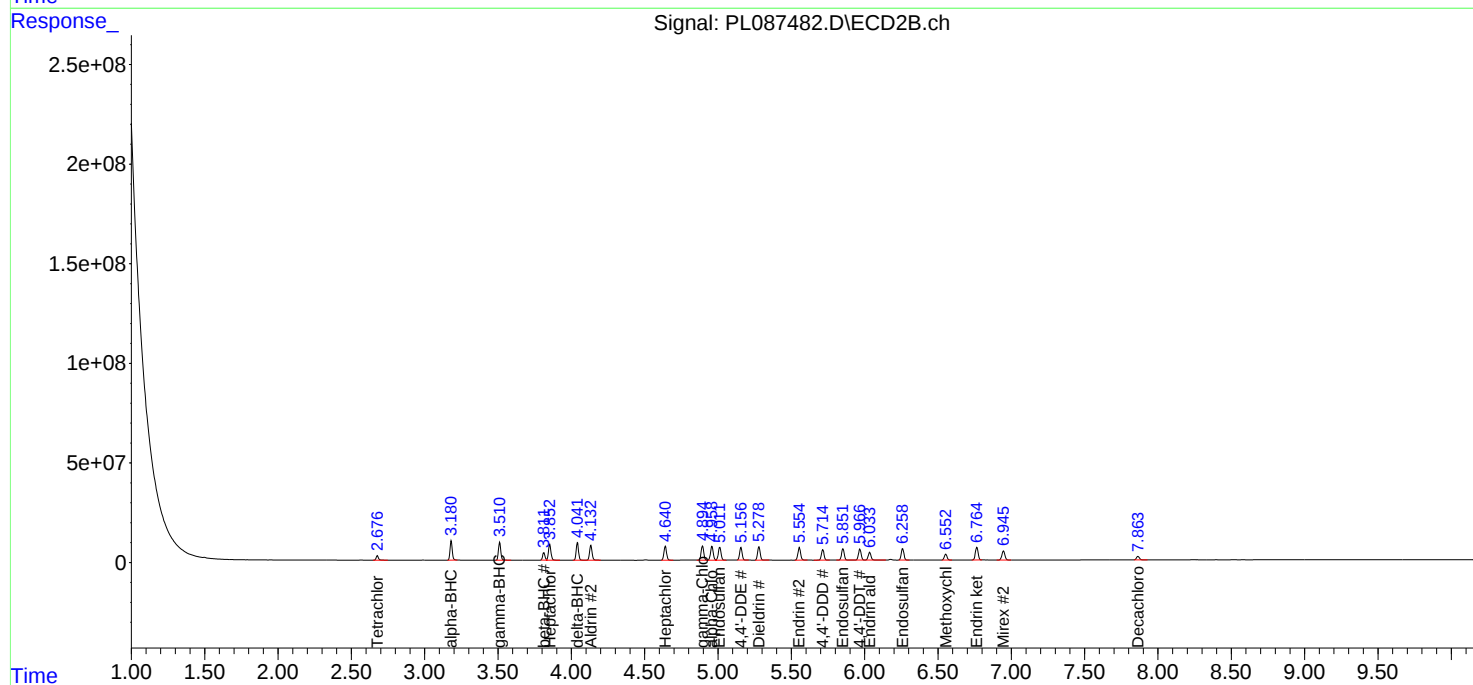
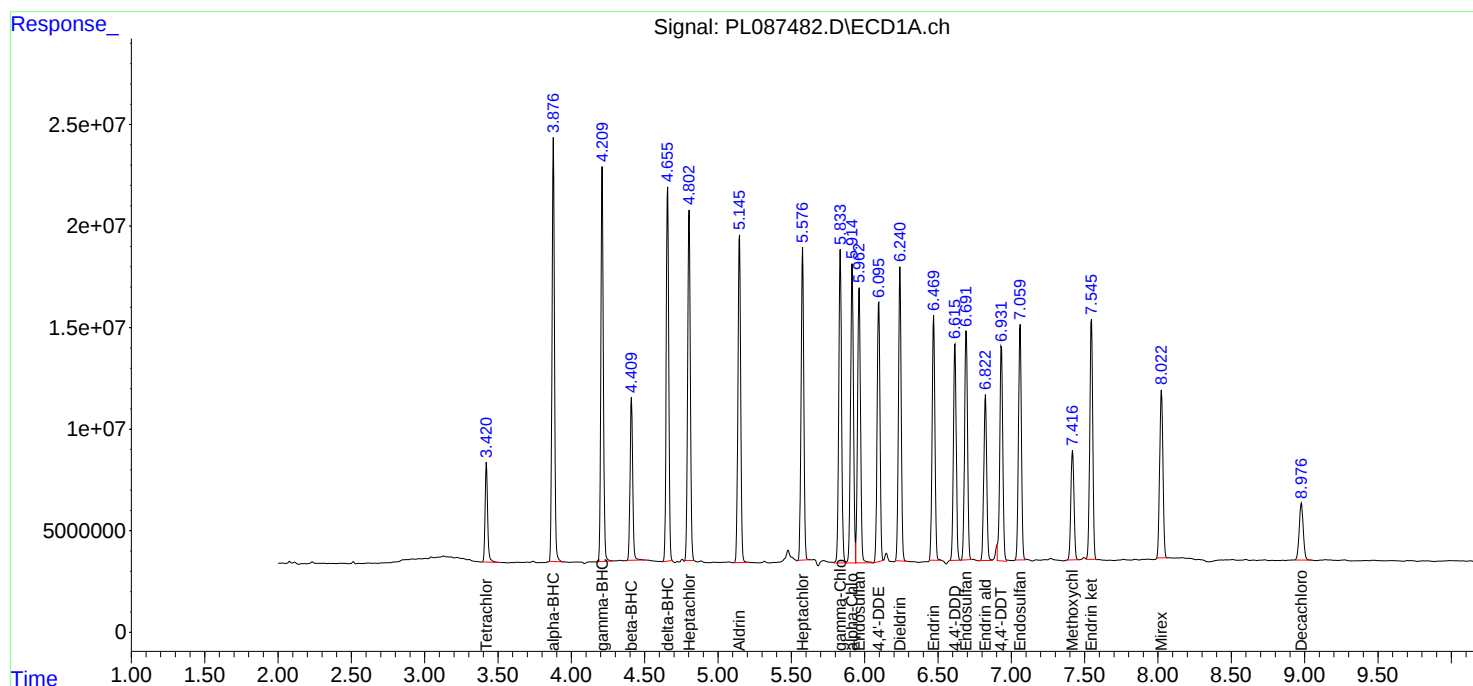
Instrument :
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 MW-7-122023MSD

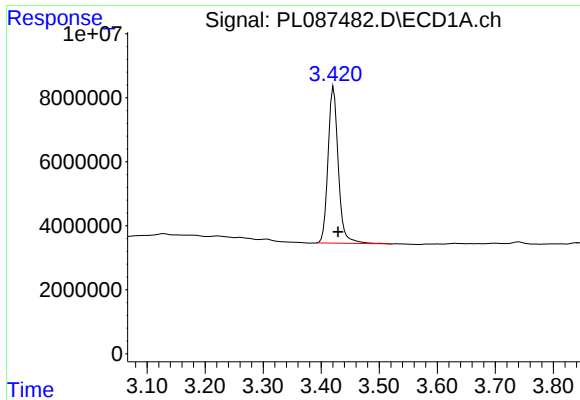
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
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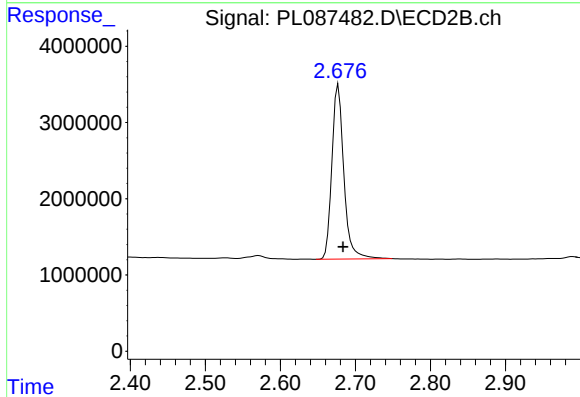
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: -0.008 min
Response: 59766283
Conc: 15.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-7-122023MSD

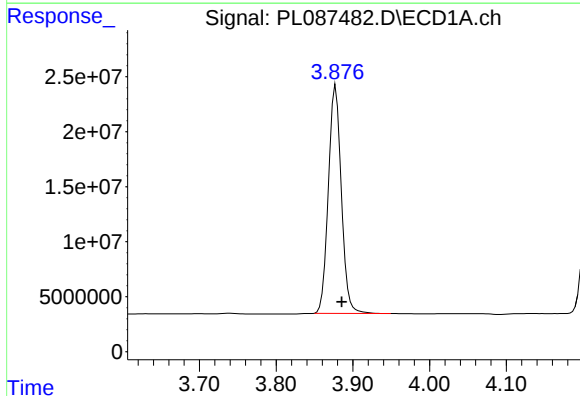
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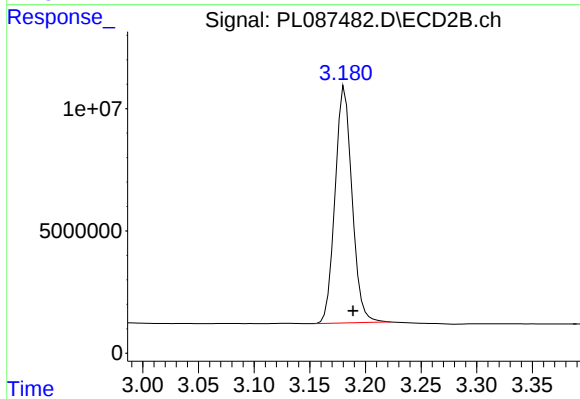
#1 Tetrachloro-m-xylene

R.T.: 2.677 min
Delta R.T.: -0.006 min
Response: 25373887
Conc: 15.07 ng/ml



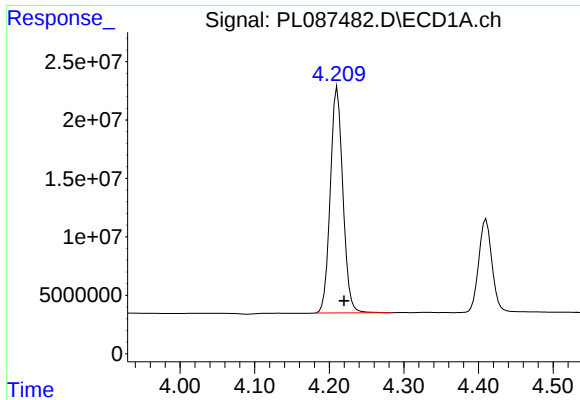
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: -0.008 min
Response: 243166965
Conc: 44.91 ng/ml



#2 alpha-BHC

R.T.: 3.180 min
Delta R.T.: -0.009 min
Response: 102899477
Conc: 41.87 ng/ml m



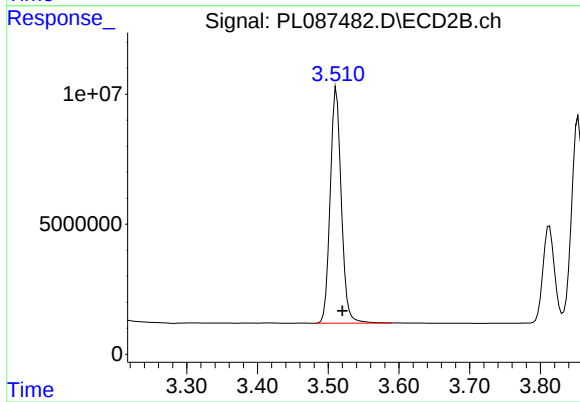
#3 gamma-BHC (Lindane)

R.T.: 4.211 min
Delta R.T.: -0.009 min
Response: 227110527
Conc: 43.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-7-122023MSD

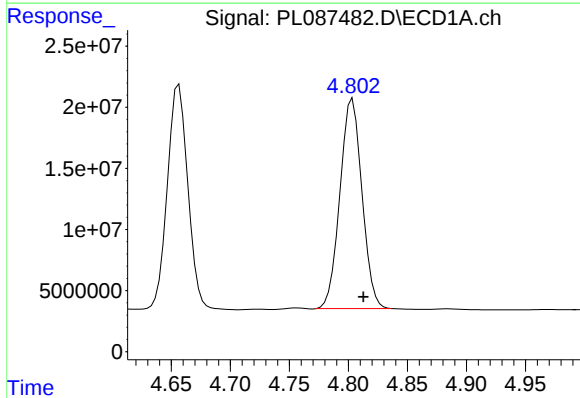
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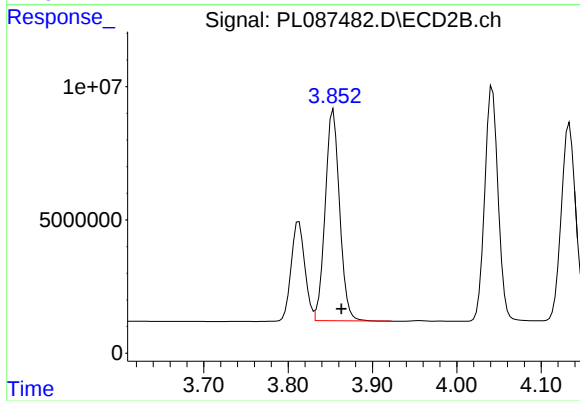
#3 gamma-BHC (Lindane)

R.T.: 3.512 min
Delta R.T.: -0.008 min
Response: 98689208
Conc: 40.74 ng/ml



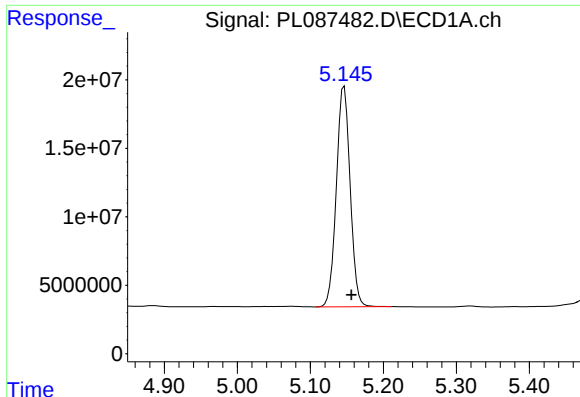
#4 Heptachlor

R.T.: 4.802 min
Delta R.T.: -0.011 min
Response: 222591195
Conc: 41.79 ng/ml m



#4 Heptachlor

R.T.: 3.854 min
Delta R.T.: -0.009 min
Response: 94225510
Conc: 39.42 ng/ml



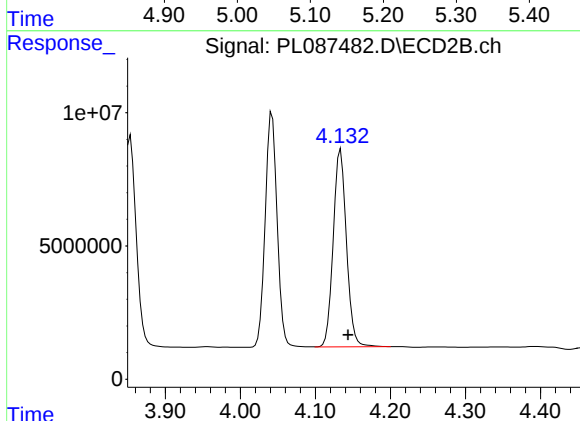
#5 Aldrin

R.T.: 5.146 min
Delta R.T.: -0.010 min
Response: 211251920
Conc: 40.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-7-122023MSD

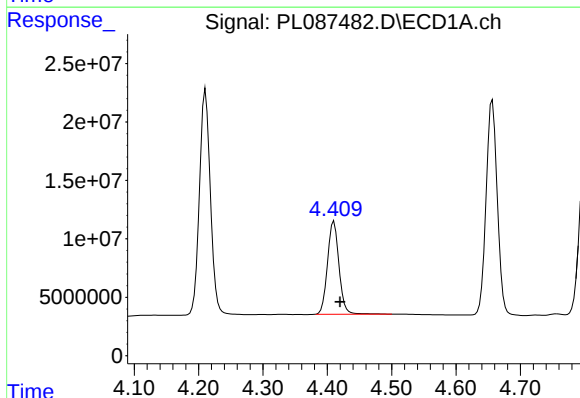
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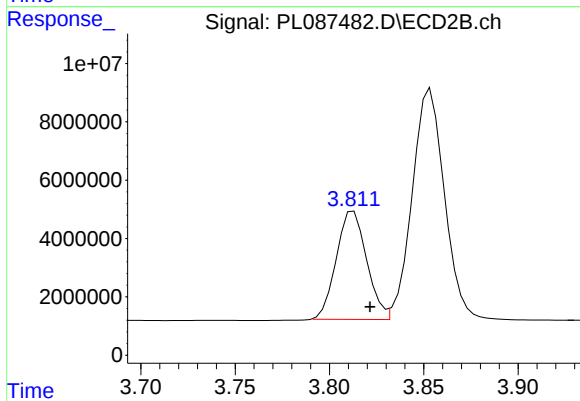
#5 Aldrin

R.T.: 4.134 min
Delta R.T.: -0.010 min
Response: 90939408
Conc: 37.93 ng/ml



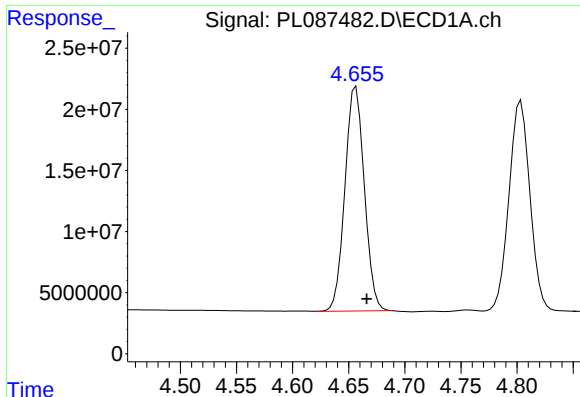
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: -0.009 min
Response: 98794838
Conc: 43.01 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.009 min
Response: 41510557
Conc: 39.88 ng/ml



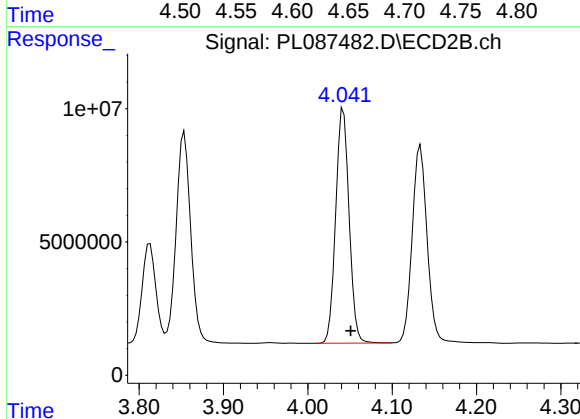
#7 delta-BHC

R.T.: 4.655 min
Delta R.T.: -0.011 min
Response: 220649980
Conc: 42.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-7-122023MSD

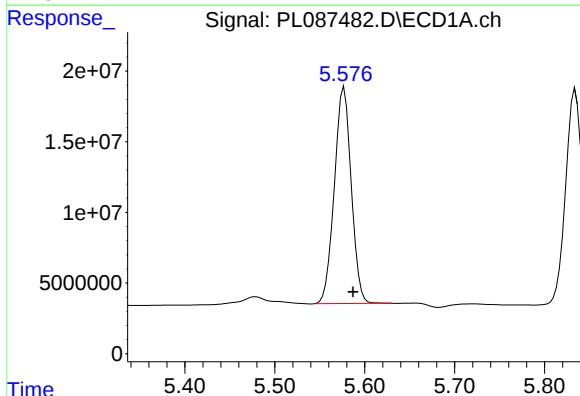
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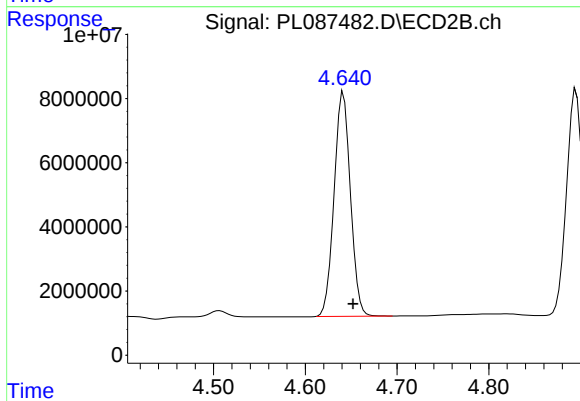
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.009 min
Response: 97350287
Conc: 39.80 ng/ml



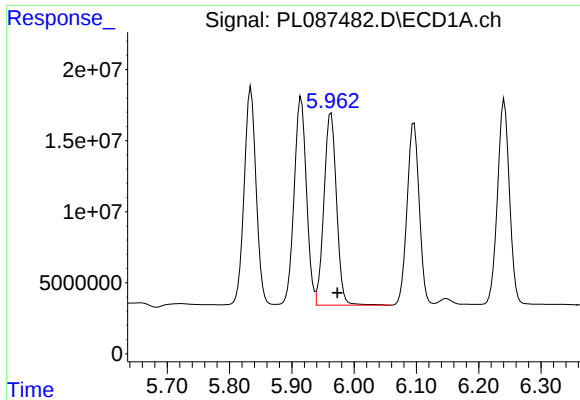
#8 Heptachlor epoxide

R.T.: 5.577 min
Delta R.T.: -0.010 min
Response: 199771601
Conc: 42.39 ng/ml



#8 Heptachlor epoxide

R.T.: 4.642 min
Delta R.T.: -0.011 min
Response: 86623829
Conc: 38.93 ng/ml



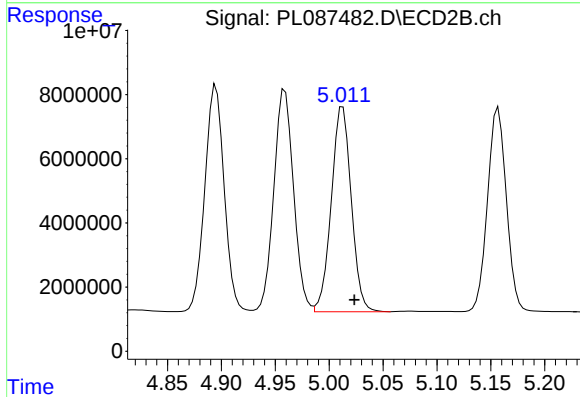
#9 Endosulfan I

R.T.: 5.963 min
Delta R.T.: -0.010 min
Response: 189976964
Conc: 42.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-7-122023MSD

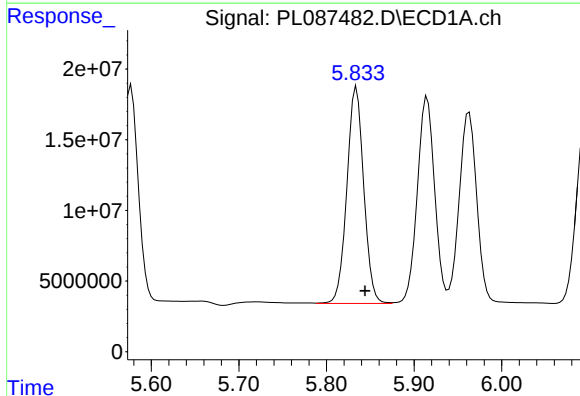
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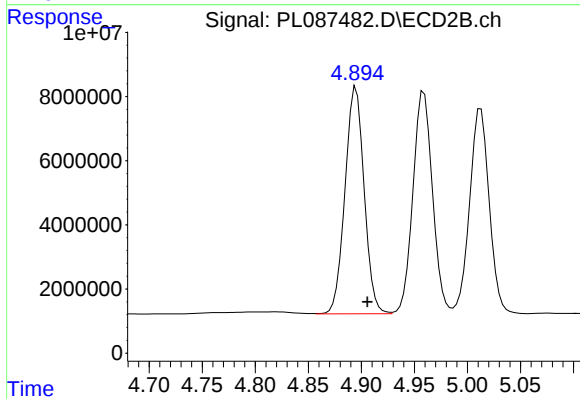
#9 Endosulfan I

R.T.: 5.013 min
Delta R.T.: -0.011 min
Response: 82402501
Conc: 38.13 ng/ml



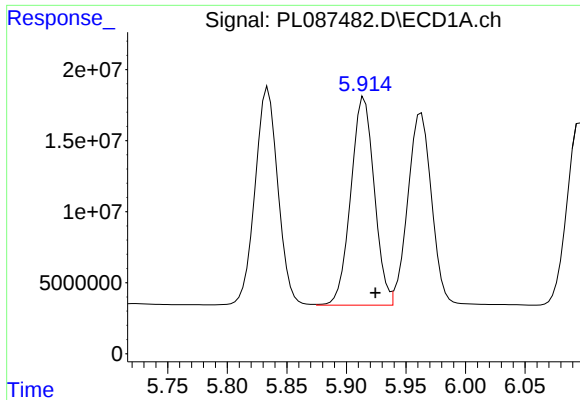
#10 gamma-Chlordane

R.T.: 5.834 min
Delta R.T.: -0.010 min
Response: 204713793
Conc: 42.23 ng/ml



#10 gamma-Chlordane

R.T.: 4.895 min
Delta R.T.: -0.011 min
Response: 88533469
Conc: 38.71 ng/ml



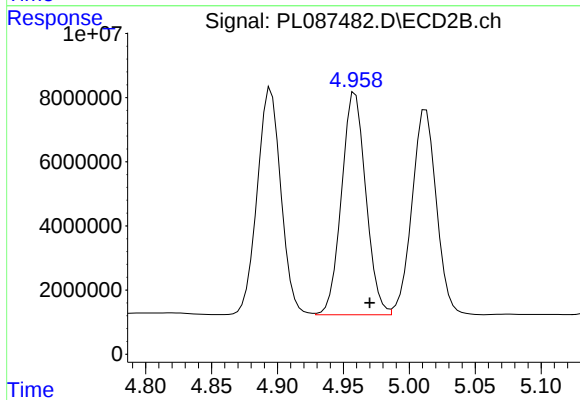
#11 alpha-Chlordane

R.T.: 5.915 min
Delta R.T.: -0.009 min
Response: 201009819
Conc: 41.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-7-122023MSD

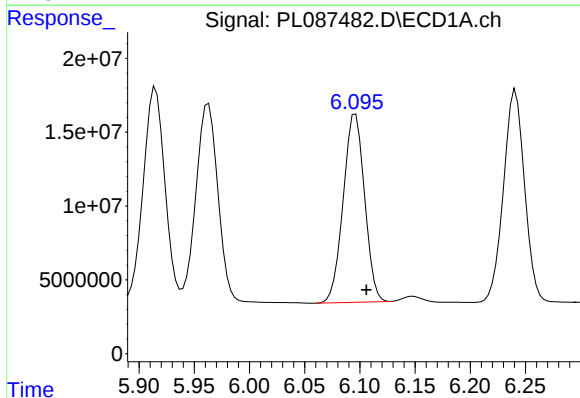
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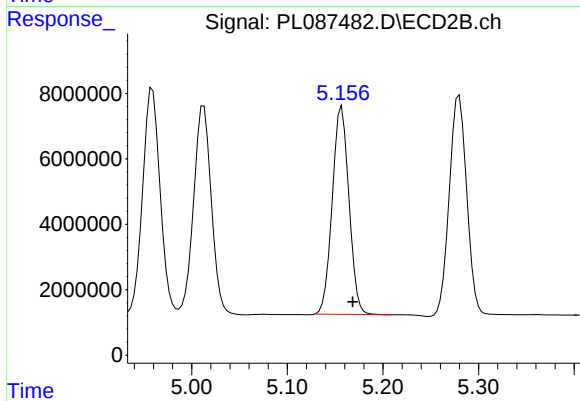
#11 alpha-Chlordane

R.T.: 4.959 min
Delta R.T.: -0.011 min
Response: 88744857
Conc: 38.45 ng/ml



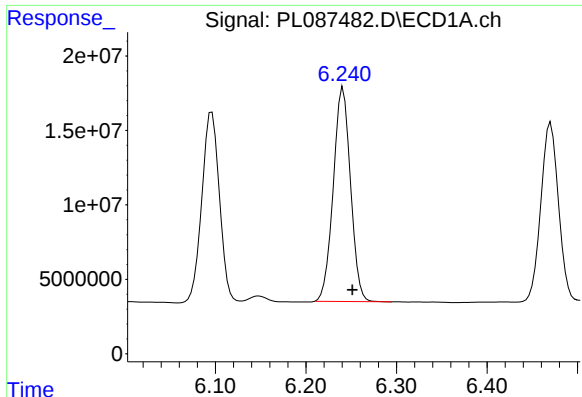
#12 4,4'-DDE

R.T.: 6.096 min
Delta R.T.: -0.010 min
Response: 171487653
Conc: 41.38 ng/ml



#12 4,4'-DDE

R.T.: 5.157 min
Delta R.T.: -0.011 min
Response: 76844238
Conc: 38.70 ng/ml



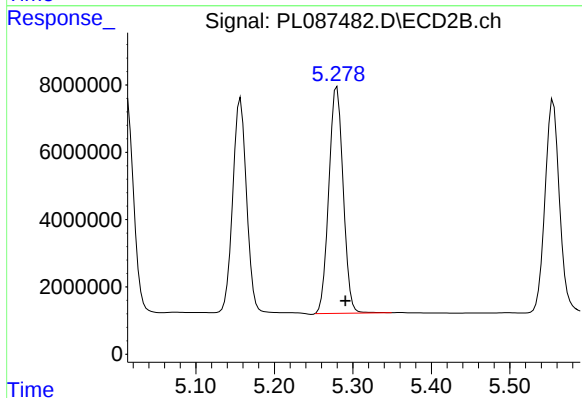
#13 Dieldrin

R.T.: 6.241 min
Delta R.T.: -0.010 min
Response: 190178716
Conc: 40.98 ng/ml

Instrument :
ECD_L
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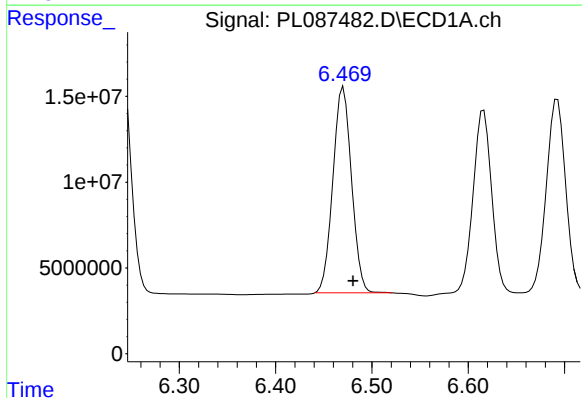
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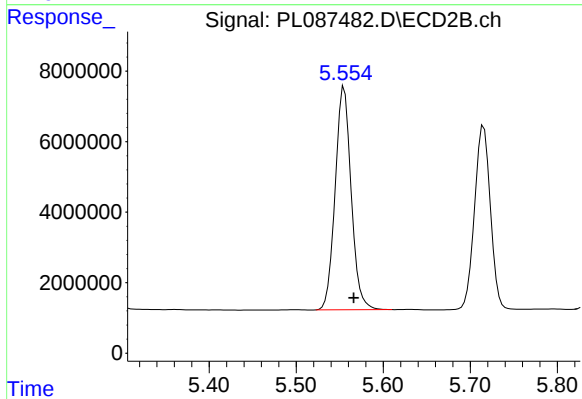
#13 Dieldrin

R.T.: 5.280 min
Delta R.T.: -0.011 min
Response: 85410674
Conc: 38.34 ng/ml



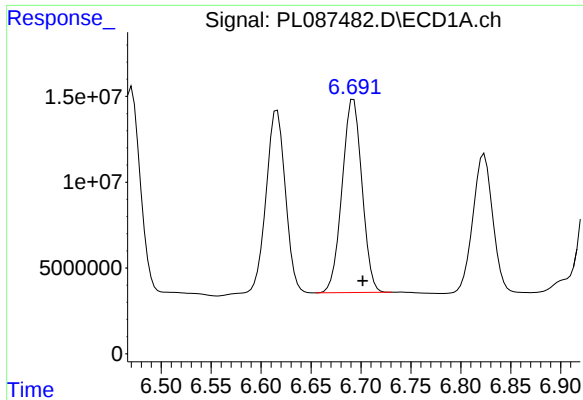
#14 Endrin

R.T.: 6.470 min
Delta R.T.: -0.010 min
Response: 161297127
Conc: 41.92 ng/ml



#14 Endrin

R.T.: 5.555 min
Delta R.T.: -0.011 min
Response: 80961702
Conc: 40.57 ng/ml



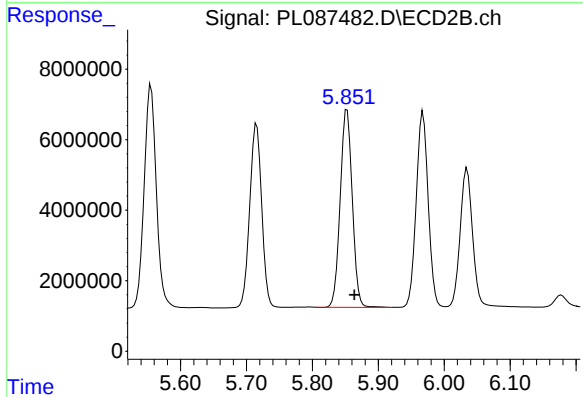
#15 Endosulfan II

R.T.: 6.693 min
Delta R.T.: -0.009 min
Response: 156051189
Conc: 38.91 ng/ml

Instrument :
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ClientSampleId :
MW-7-122023MSD

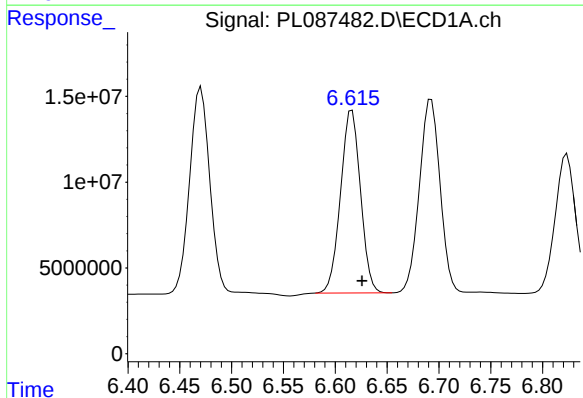
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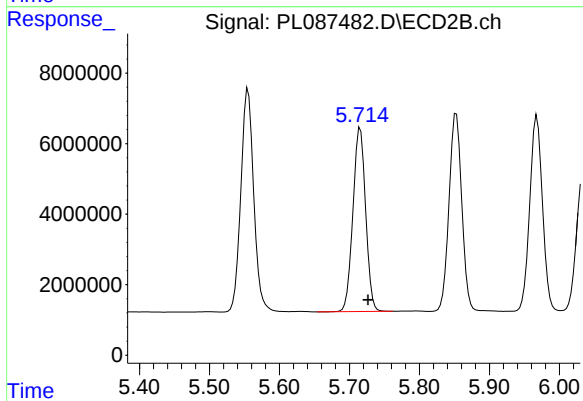
#15 Endosulfan II

R.T.: 5.853 min
Delta R.T.: -0.011 min
Response: 71306666
Conc: 36.62 ng/ml



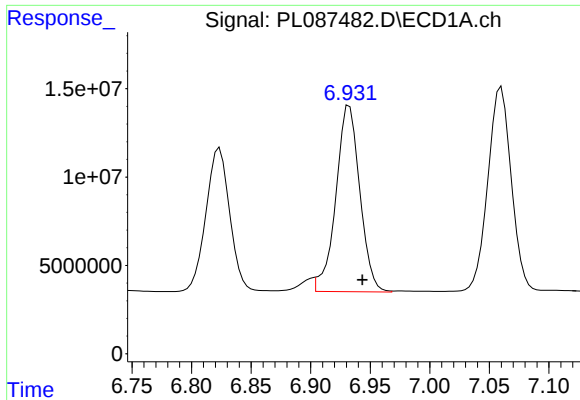
#16 4,4'-DDD

R.T.: 6.616 min
Delta R.T.: -0.010 min
Response: 142685831
Conc: 43.17 ng/ml



#16 4,4'-DDD

R.T.: 5.715 min
Delta R.T.: -0.011 min
Response: 65855307
Conc: 39.77 ng/ml



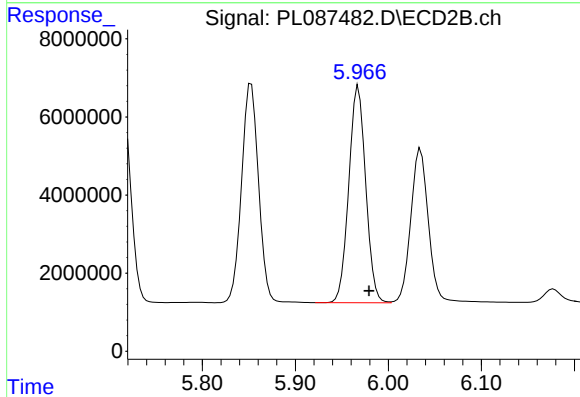
#17 4,4'-DDT

R.T.: 6.931 min
Delta R.T.: -0.012 min
Response: 146942097
Conc: 39.08 ng/ml

Instrument :
ECD_L
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MW-7-122023MSD

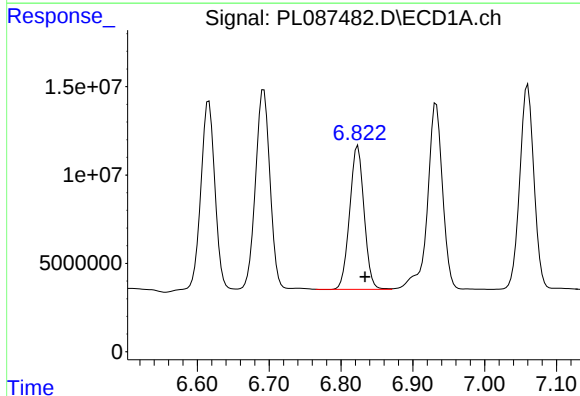
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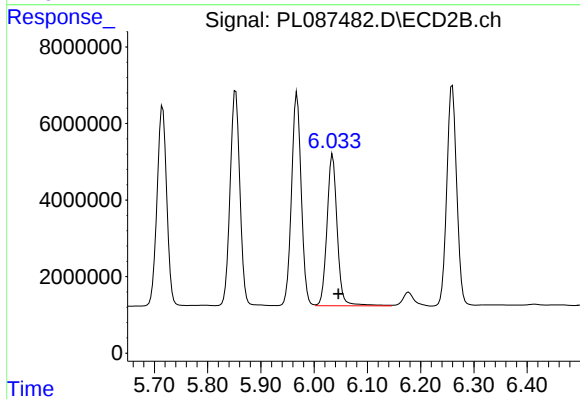
#17 4,4'-DDT

R.T.: 5.968 min
Delta R.T.: -0.012 min
Response: 70306305
Conc: 38.12 ng/ml



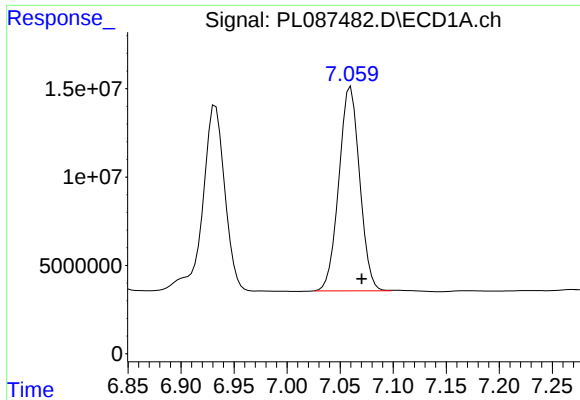
#18 Endrin aldehyde

R.T.: 6.823 min
Delta R.T.: -0.010 min
Response: 112623290
Conc: 38.86 ng/ml



#18 Endrin aldehyde

R.T.: 6.035 min
Delta R.T.: -0.011 min
Response: 53053053
Conc: 36.15 ng/ml



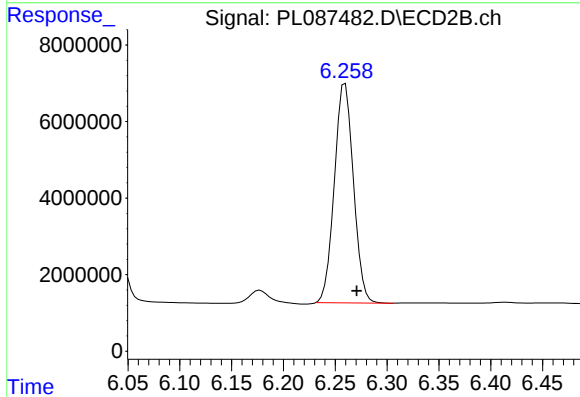
#19 Endosulfan Sulfate

R.T.: 7.060 min
Delta R.T.: -0.010 min
Response: 157165776
Conc: 40.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
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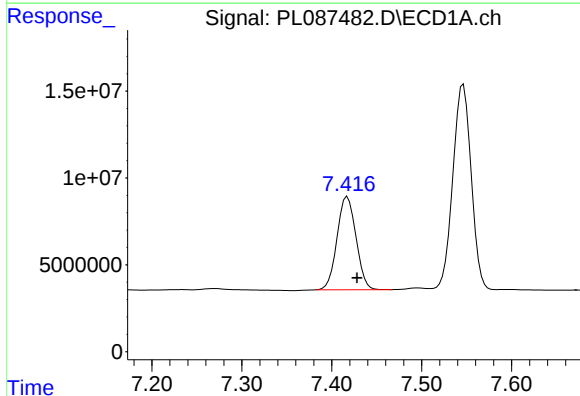
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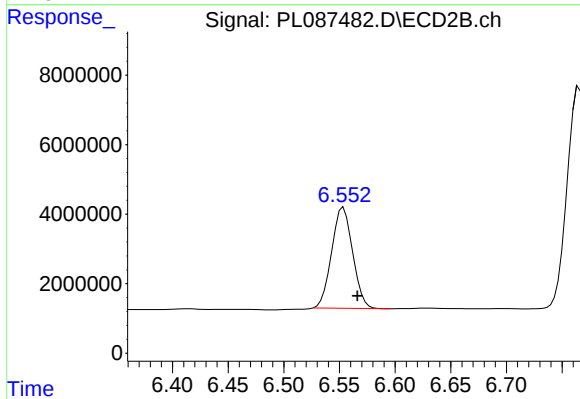
#19 Endosulfan Sulfate

R.T.: 6.260 min
Delta R.T.: -0.011 min
Response: 73371386
Conc: 38.95 ng/ml



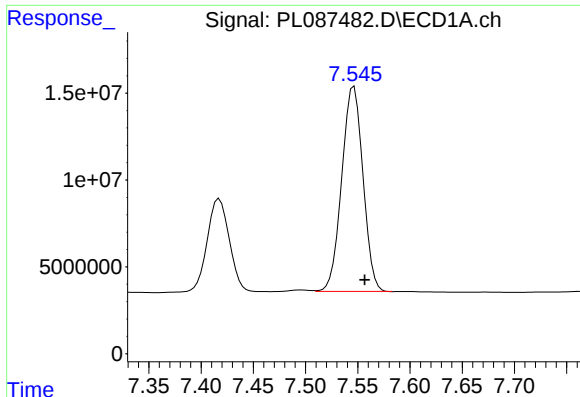
#20 Methoxychlor

R.T.: 7.417 min
Delta R.T.: -0.011 min
Response: 78573506
Conc: 40.30 ng/ml



#20 Methoxychlor

R.T.: 6.554 min
Delta R.T.: -0.012 min
Response: 38106513
Conc: 37.31 ng/ml



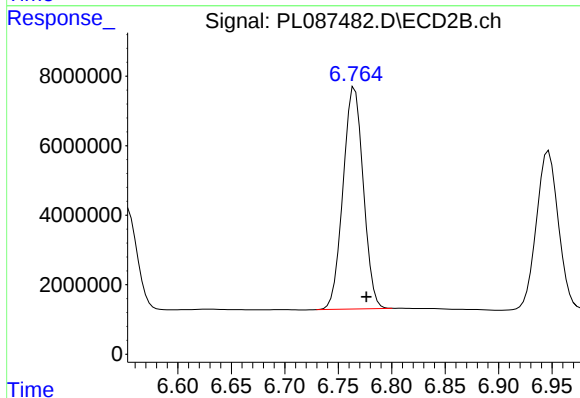
#21 Endrin ketone

R.T.: 7.545 min
Delta R.T.: -0.012 min
Response: 166740678
Conc: 40.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-7-122023MSD

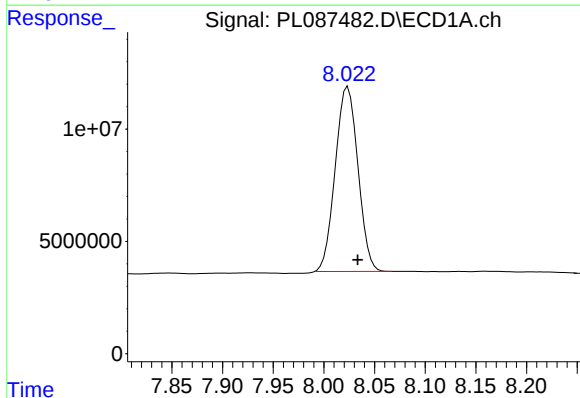
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



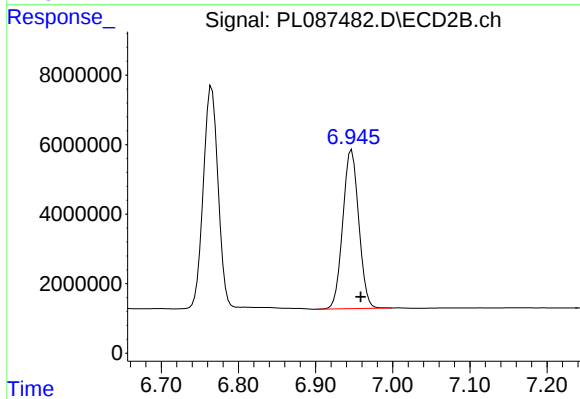
#21 Endrin ketone

R.T.: 6.764 min
Delta R.T.: -0.012 min
Response: 84244062
Conc: 39.58 ng/ml m



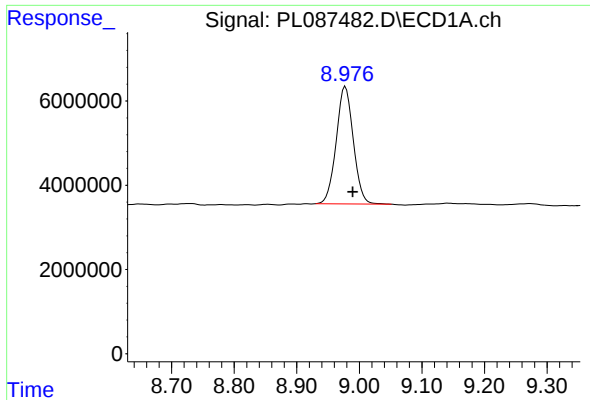
#22 Mirex

R.T.: 8.024 min
Delta R.T.: -0.010 min
Response: 128095958
Conc: 38.03 ng/ml



#22 Mirex

R.T.: 6.947 min
Delta R.T.: -0.012 min
Response: 65442166
Conc: 36.78 ng/ml



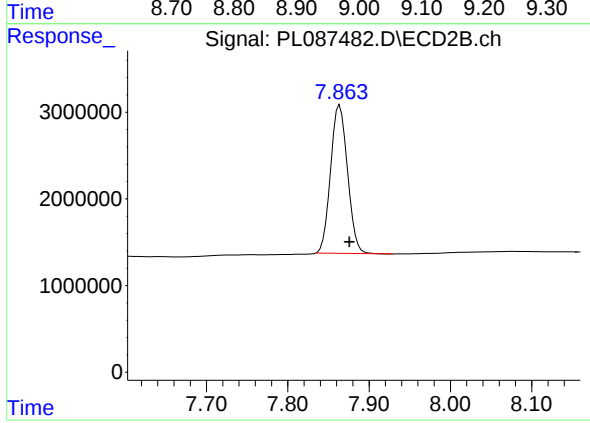
#28 Decachlorobiphenyl

R.T.: 8.978 min
Delta R.T.: -0.012 min
Response: 53108488
Conc: 15.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-7-122023MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 12/28/2023



#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: -0.012 min
Response: 24771418
Conc: 14.67 ng/ml