

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110323\
 Data File : PL086413.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2023 19:35
 Operator : AR\AJ
 Sample : 05220-05MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 Z-7(0-5)MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/04/2023
 Supervised By :mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 21:47:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 02 05:32:51 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...	3.353	2.619	31845194	13906027	10.035	14.607 #
28)	SA Decachlor...	8.863	7.767	17608764	16008883	6.658m	13.957 #
Target Compounds							
2)	A alpha-BHC	3.806	3.117	182.7E6	58646115	38.715	45.191
3)	MA gamma-BHC...	4.138	3.444	194.9E6	60967558	42.771	46.414
4)	MA Heptachlor	4.724	3.780	142.1E6	54993683	32.601	42.391 #
5)	MB Aldrin	5.063	4.056	161.9E6	56938970	36.554m	44.681
6)	B beta-BHC	4.341	3.746	77725120	26635523	39.407	46.410
7)	B delta-BHC	4.585	3.971	179.3E6	58917517	41.104	46.610
8)	B Heptachlo...	5.495	4.561	142.3E6	49095142	36.783	41.066
9)	A Endosulfan I	5.876	4.928	122.8E6	44637654	33.416m	37.611
10)	B gamma-Chl...	5.750	4.812	177.5E6	65532829	44.740m	55.378
11)	B alpha-Chl...	5.829	4.875	162.8E6	59146650	40.897m	47.347
12)	B 4,4'-DDE	6.015	5.075	145.0E6	58152438	45.696	58.928 #
13)	MA Dieldrin	6.155	5.193	133.2E6	69812164	34.648	58.461m#
14)	MA Endrin	6.382	5.467	116.0E6	48366474	34.751m	43.892 #
15)	B Endosulfa...	6.606	5.765	115.6E6	50045856	35.887	46.429 #
16)	A 4,4'-DDD	6.532	5.631	172.6E6	59776299	72.785m	73.392
17)	MA 4,4'-DDT	6.848	5.881	103.6E6	47569570	39.725m	50.459 #
18)	B Endrin al...	6.737	5.946	89188455	34827493	36.642	41.299
19)	B Endosulfa...	6.974	6.171	110.6E6	46712036	35.827	44.307
20)	A Methoxychlor	7.335	6.469	57139647	38843674	41.196	66.475 #
21)	B Endrin ke...	7.454	6.671	120.5E6	48382574	37.754m	38.793m
22)	Mirex	7.928	6.849	119.8E6	47347551	43.916	41.385

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110323\
Data File : PL086413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Nov 2023 19:35
Operator : AR\AJ
Sample : 05220-05MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

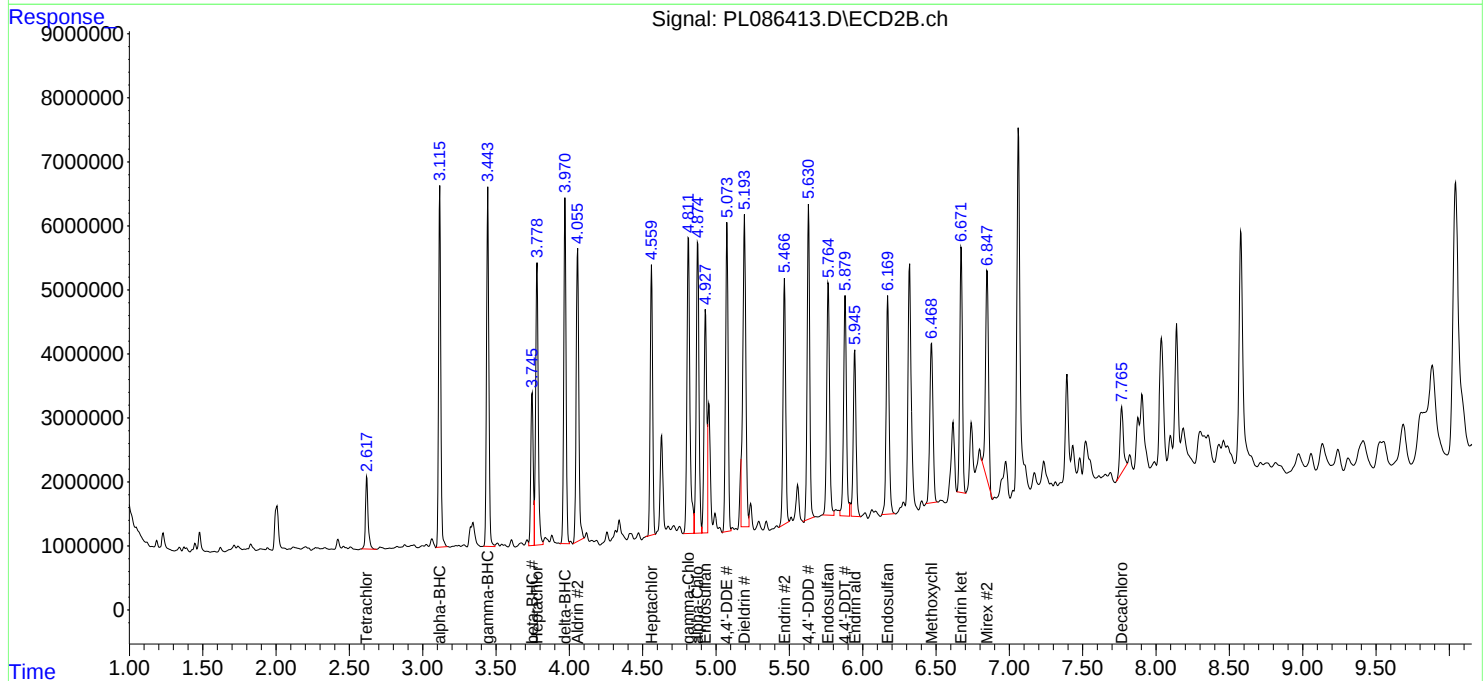
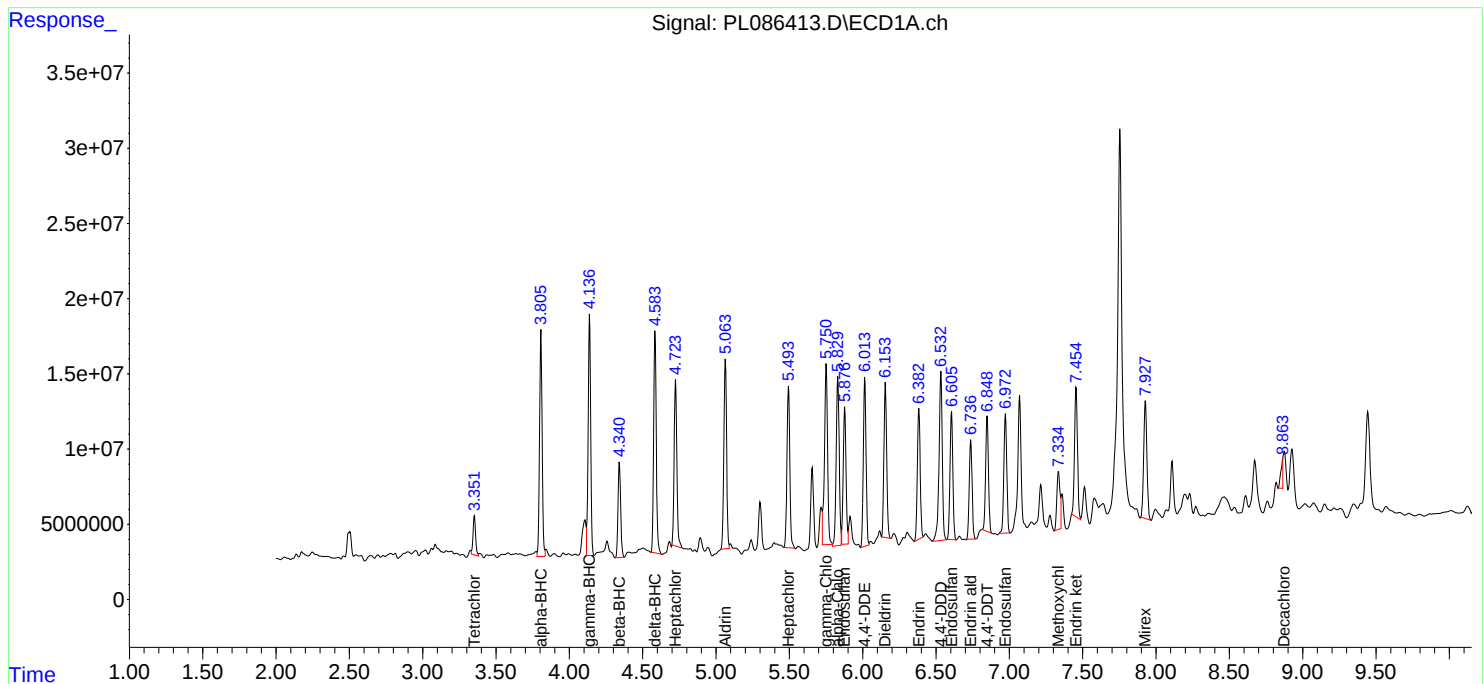
Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MS

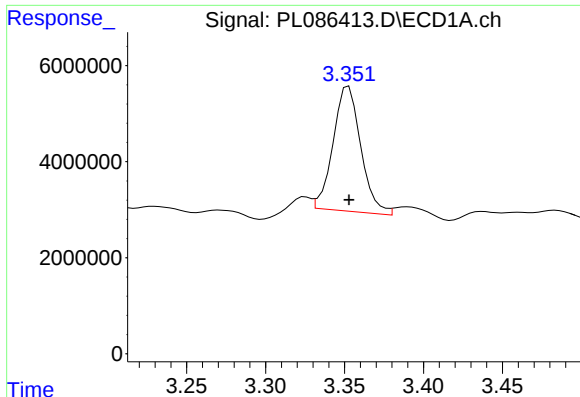
Manual Integrations
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Supervised By :mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 21:47:50 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 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





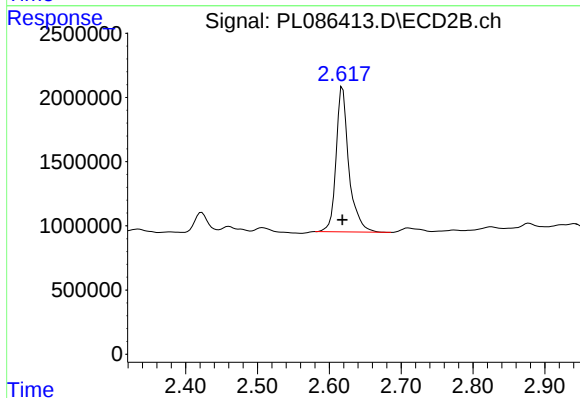
#1 Tetrachloro-m-xylene

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 31845194
Conc: 10.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MS

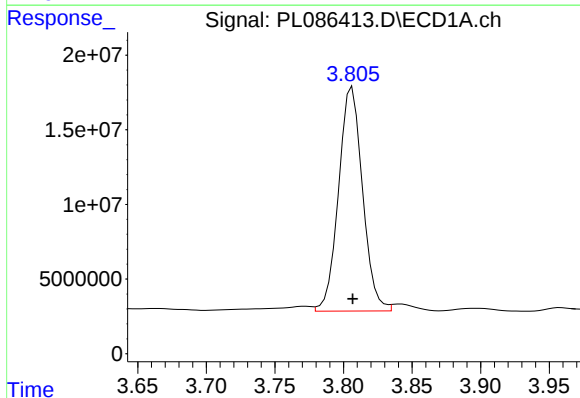
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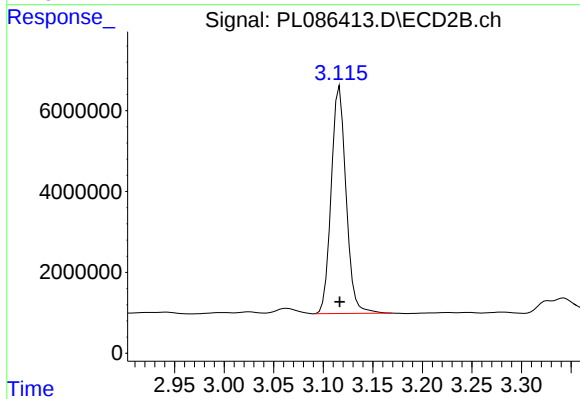
#1 Tetrachloro-m-xylene

R.T.: 2.619 min
Delta R.T.: 0.000 min
Response: 13906027
Conc: 14.61 ng/ml



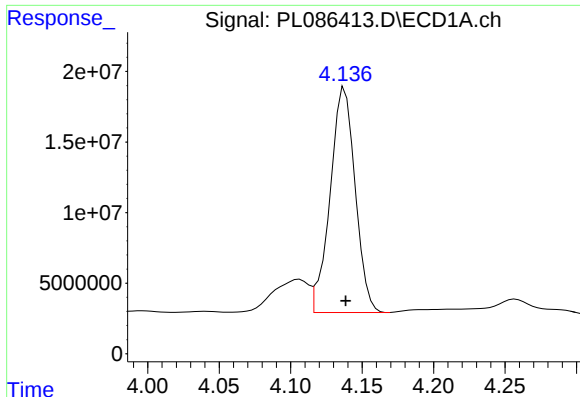
#2 alpha-BHC

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 182734976
Conc: 38.71 ng/ml



#2 alpha-BHC

R.T.: 3.117 min
Delta R.T.: 0.000 min
Response: 58646115
Conc: 45.19 ng/ml



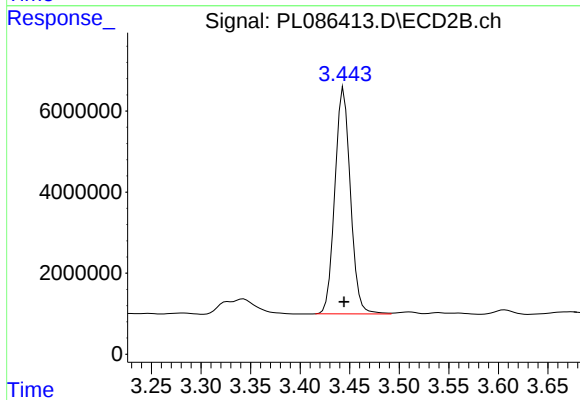
#3 gamma-BHC (Lindane)

R.T.: 4.138 min
Delta R.T.: 0.000 min
Response: 194883010
Conc: 42.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MS

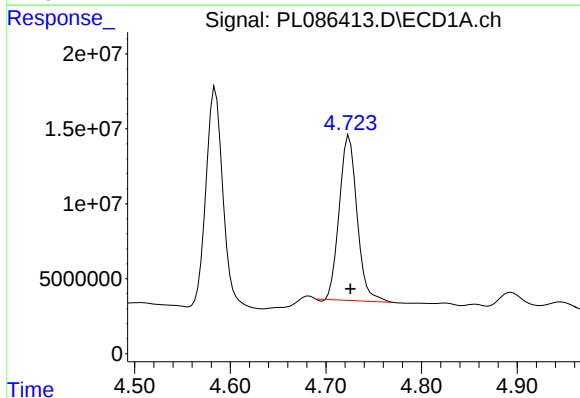
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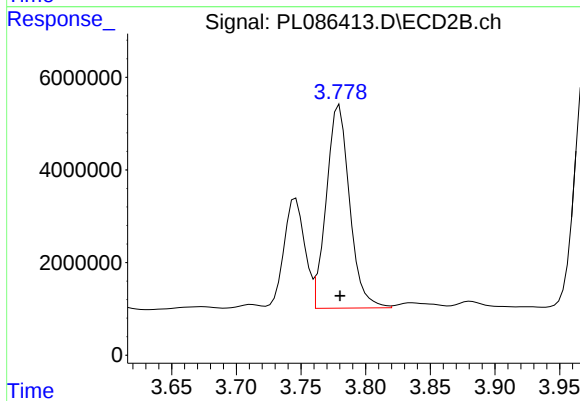
#3 gamma-BHC (Lindane)

R.T.: 3.444 min
Delta R.T.: 0.000 min
Response: 60967558
Conc: 46.41 ng/ml



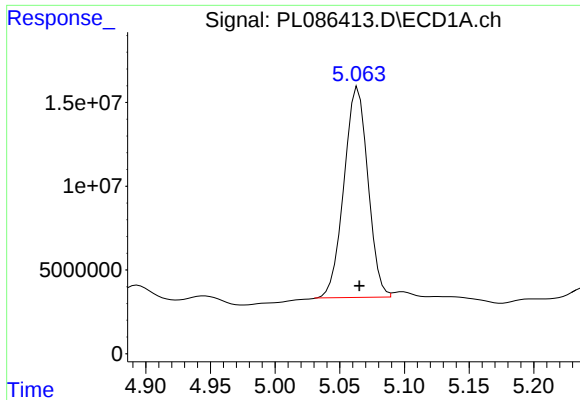
#4 Heptachlor

R.T.: 4.724 min
Delta R.T.: -0.001 min
Response: 142100023
Conc: 32.60 ng/ml



#4 Heptachlor

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 54993683
Conc: 42.39 ng/ml



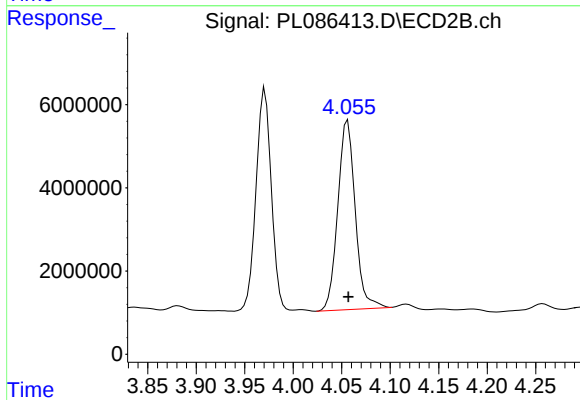
#5 Aldrin

R.T.: 5.063 min
Delta R.T.: -0.003 min
Response: 161883062
Conc: 36.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MS

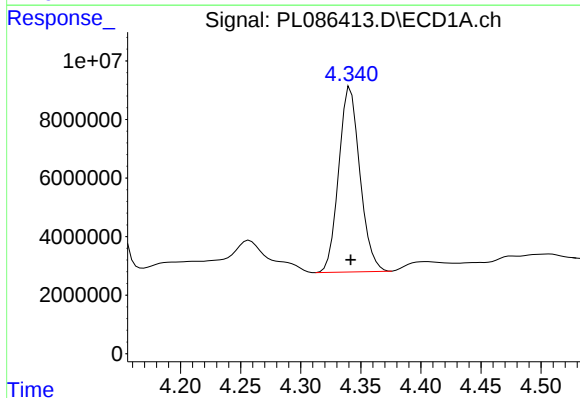
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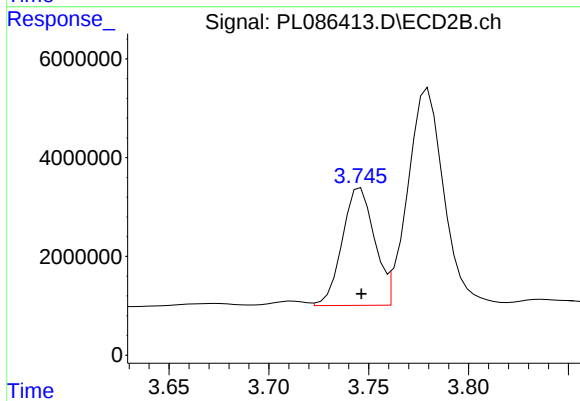
#5 Aldrin

R.T.: 4.056 min
Delta R.T.: 0.000 min
Response: 56938970
Conc: 44.68 ng/ml



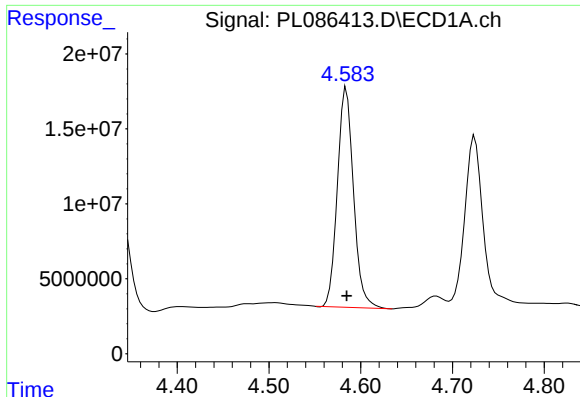
#6 beta-BHC

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 77725120
Conc: 39.41 ng/ml



#6 beta-BHC

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 26635523
Conc: 46.41 ng/ml



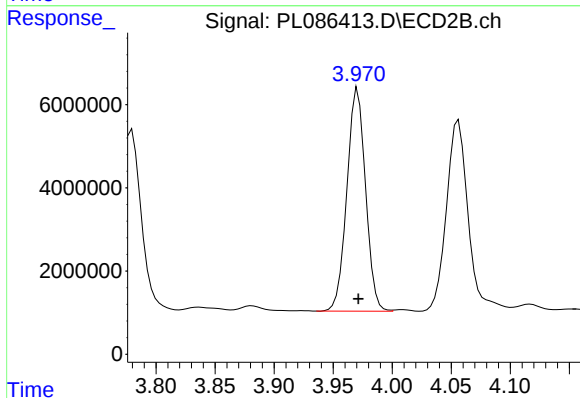
#7 delta-BHC

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 179335993
Conc: 41.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MS

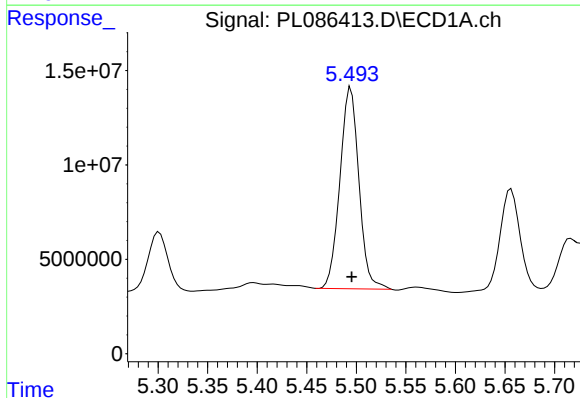
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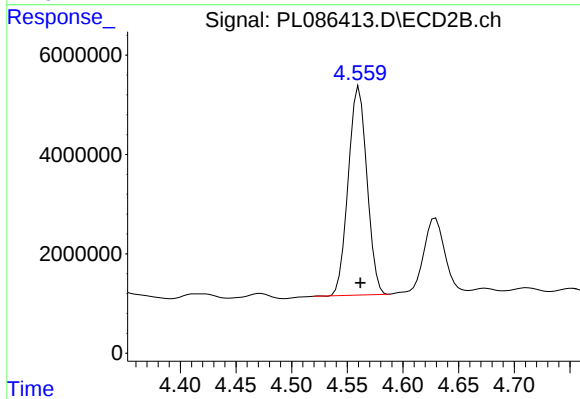
#7 delta-BHC

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 58917517
Conc: 46.61 ng/ml



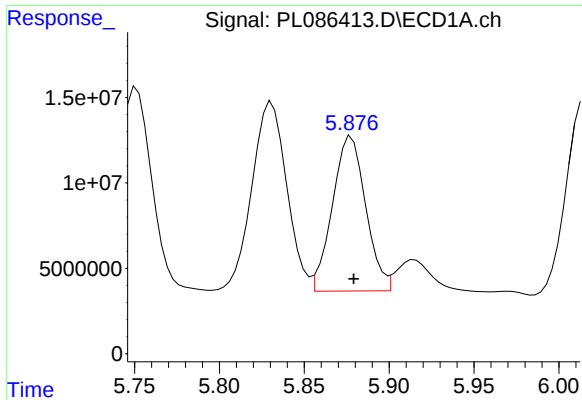
#8 Heptachlor epoxide

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 142262956
Conc: 36.78 ng/ml



#8 Heptachlor epoxide

R.T.: 4.561 min
Delta R.T.: -0.001 min
Response: 49095142
Conc: 41.07 ng/ml



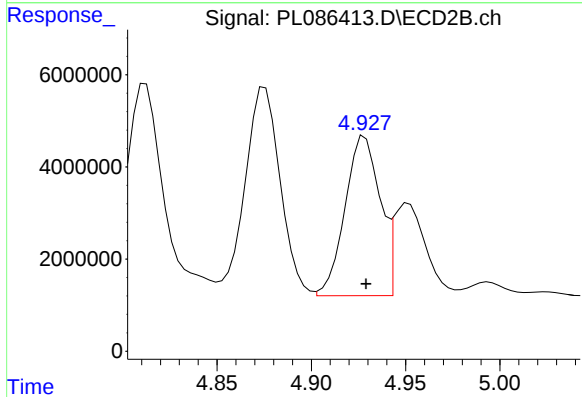
#9 Endosulfan I

R.T.: 5.876 min
Delta R.T.: -0.003 min
Response: 122833417
Conc: 33.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MS

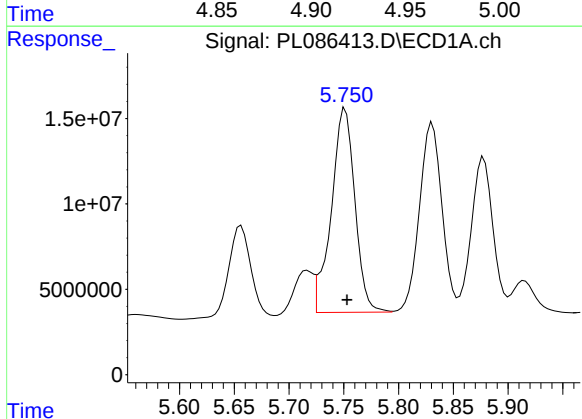
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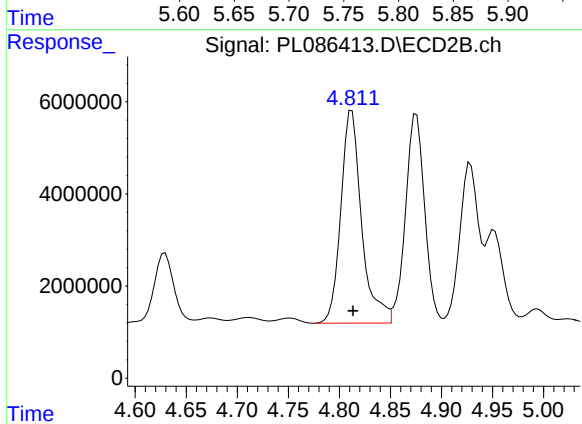
#9 Endosulfan I

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 44637654
Conc: 37.61 ng/ml



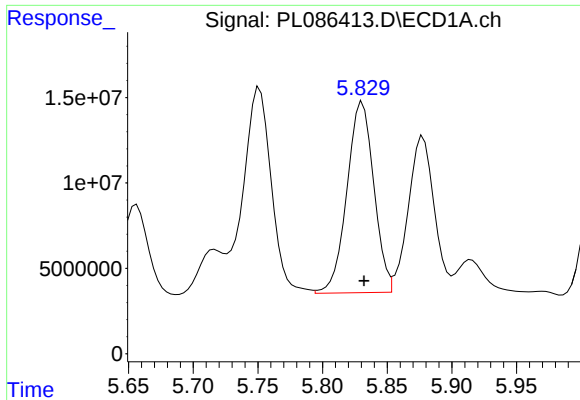
#10 gamma-Chlordane

R.T.: 5.750 min
Delta R.T.: -0.003 min
Response: 177521086
Conc: 44.74 ng/ml m



#10 gamma-Chlordane

R.T.: 4.812 min
Delta R.T.: -0.001 min
Response: 65532829
Conc: 55.38 ng/ml



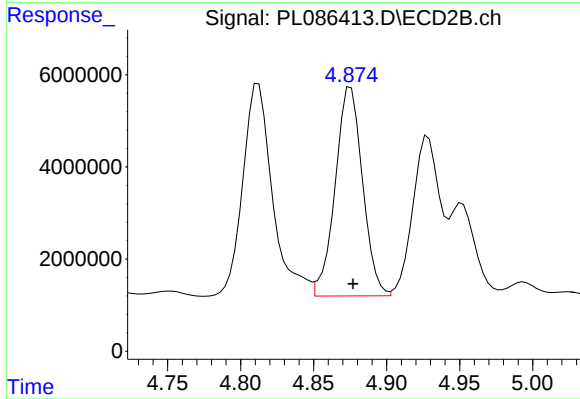
#11 alpha-Chlordane

R.T.: 5.829 min
Delta R.T.: -0.003 min
Response: 162787360
Conc: 40.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MS

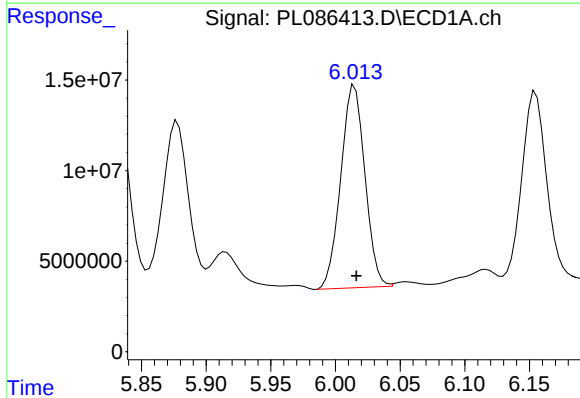
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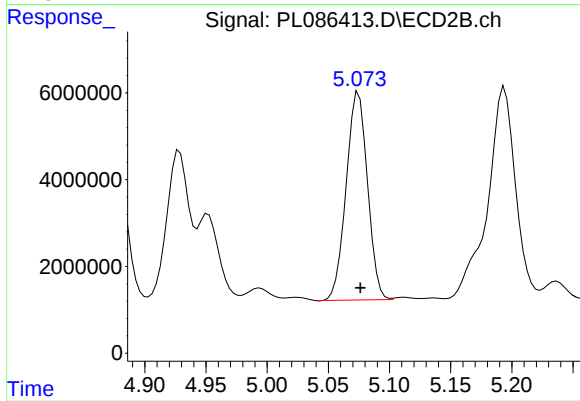
#11 alpha-Chlordane

R.T.: 4.875 min
Delta R.T.: -0.002 min
Response: 59146650
Conc: 47.35 ng/ml



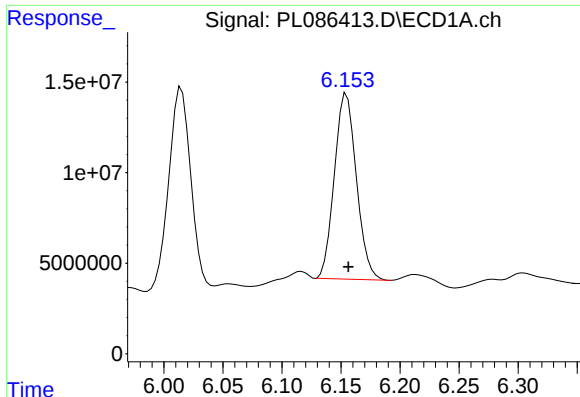
#12 4,4'-DDE

R.T.: 6.015 min
Delta R.T.: -0.001 min
Response: 145020119
Conc: 45.70 ng/ml



#12 4,4'-DDE

R.T.: 5.075 min
Delta R.T.: -0.001 min
Response: 58152438
Conc: 58.93 ng/ml



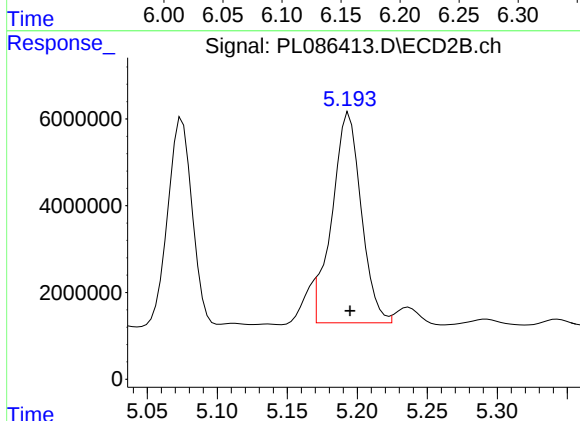
#13 Dieldrin

R.T.: 6.155 min
Delta R.T.: -0.002 min
Response: 133214804
Conc: 34.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MS

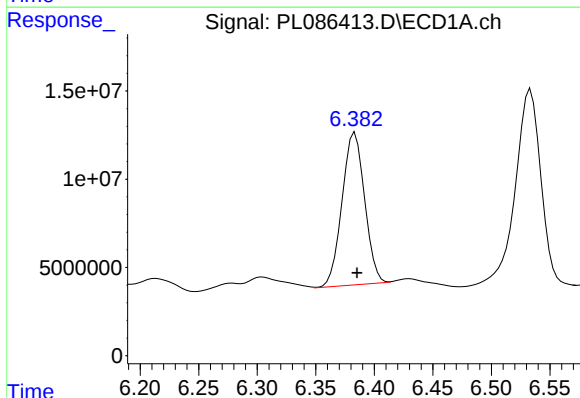
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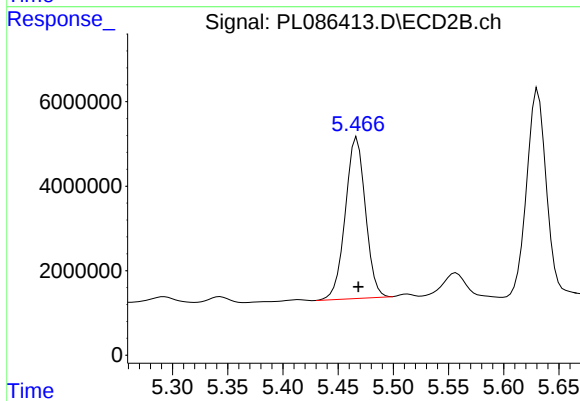
#13 Dieldrin

R.T.: 5.193 min
Delta R.T.: -0.002 min
Response: 69812164
Conc: 58.46 ng/ml m



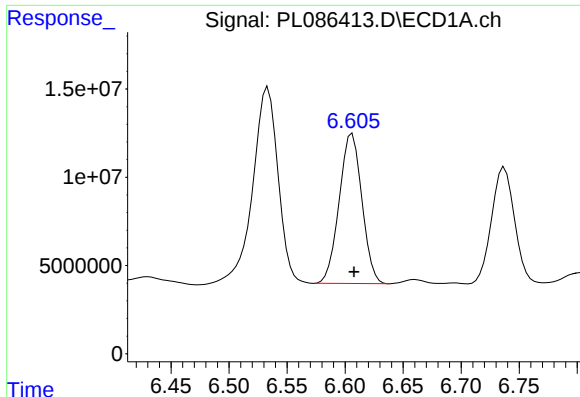
#14 Endrin

R.T.: 6.382 min
Delta R.T.: -0.003 min
Response: 116007368
Conc: 34.75 ng/ml m



#14 Endrin

R.T.: 5.467 min
Delta R.T.: -0.001 min
Response: 48366474
Conc: 43.89 ng/ml



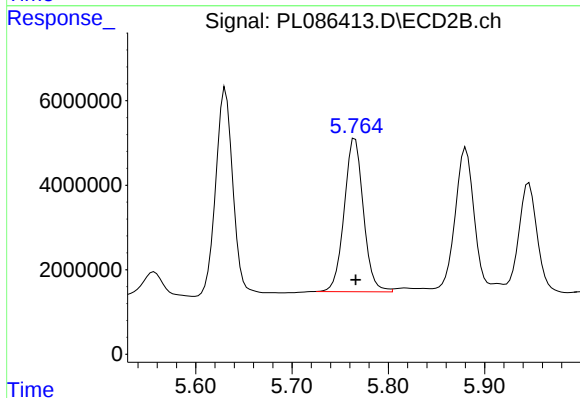
#15 Endosulfan II

R.T.: 6.606 min
Delta R.T.: -0.002 min
Response: 115574347
Conc: 35.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MS

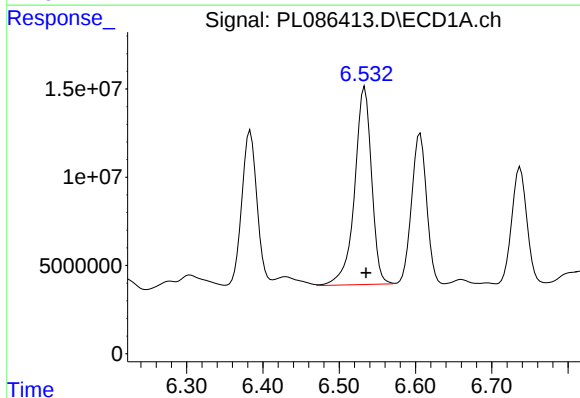
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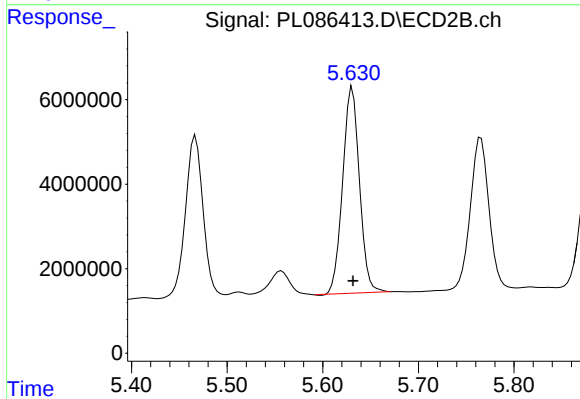
#15 Endosulfan II

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 50045856
Conc: 46.43 ng/ml



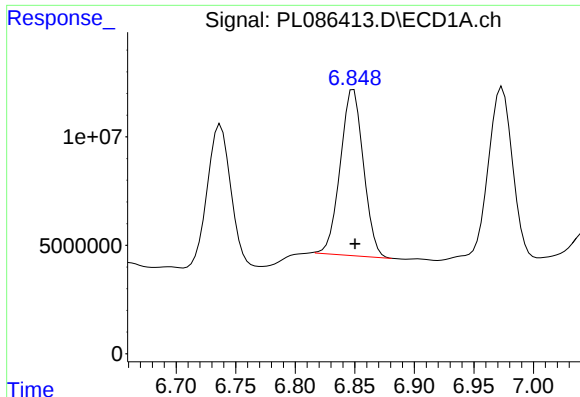
#16 4,4'-DDD

R.T.: 6.532 min
Delta R.T.: -0.003 min
Response: 172631249
Conc: 72.78 ng/ml m



#16 4,4'-DDD

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 59776299
Conc: 73.39 ng/ml



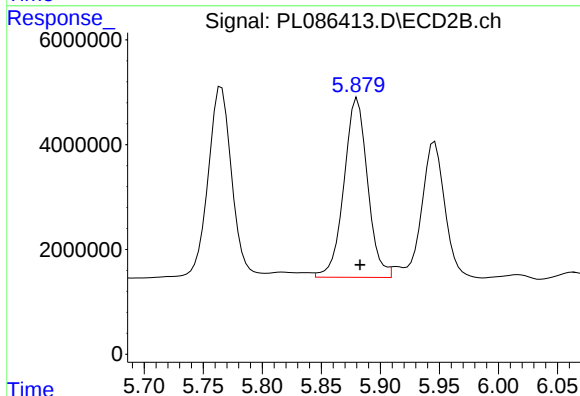
#17 4,4'-DDT

R.T.: 6.848 min
Delta R.T.: -0.003 min
Response: 103640258
Conc: 39.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MS

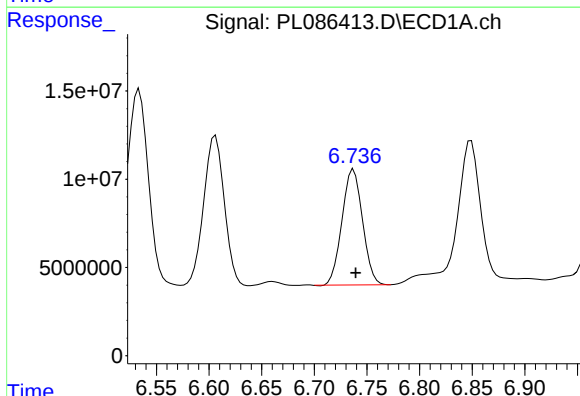
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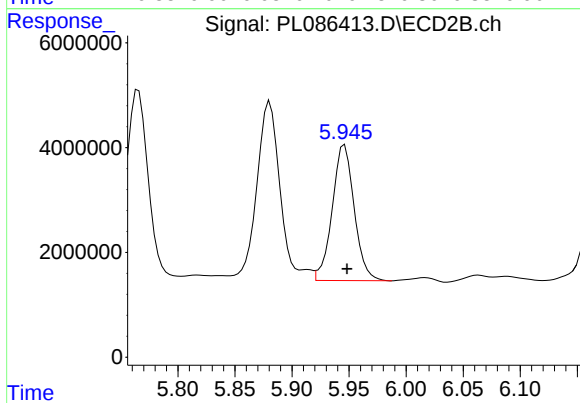
#17 4,4'-DDT

R.T.: 5.881 min
Delta R.T.: -0.002 min
Response: 47569570
Conc: 50.46 ng/ml



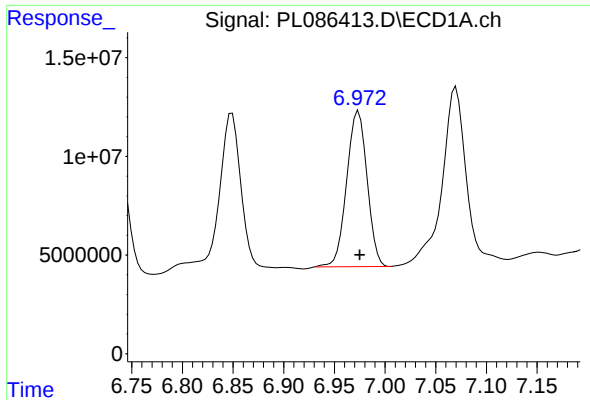
#18 Endrin aldehyde

R.T.: 6.737 min
Delta R.T.: -0.002 min
Response: 89188455
Conc: 36.64 ng/ml



#18 Endrin aldehyde

R.T.: 5.946 min
Delta R.T.: -0.002 min
Response: 34827493
Conc: 41.30 ng/ml



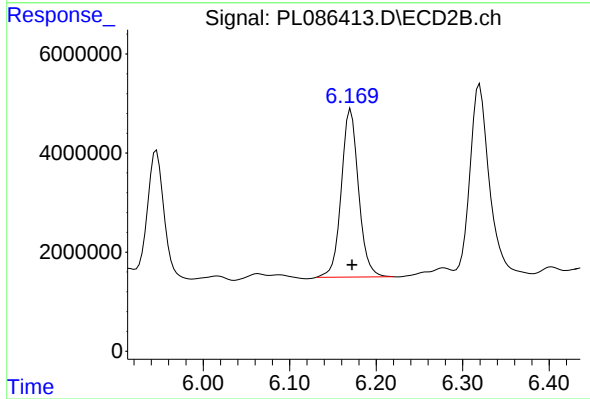
#19 Endosulfan Sulfate

R.T.: 6.974 min
Delta R.T.: -0.001 min
Response: 110633628
Conc: 35.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MS

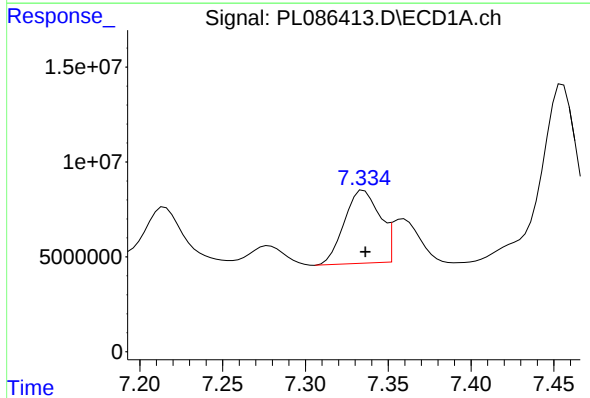
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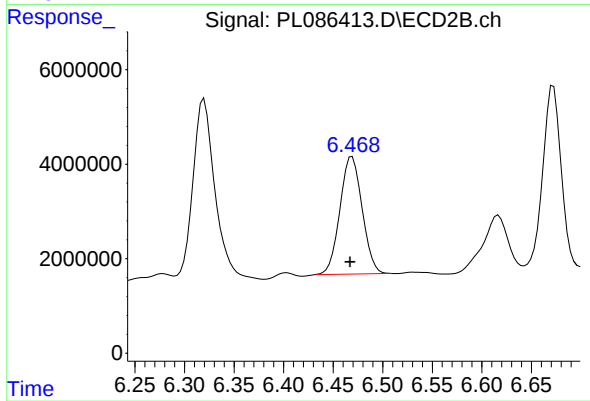
#19 Endosulfan Sulfate

R.T.: 6.171 min
Delta R.T.: -0.001 min
Response: 46712036
Conc: 44.31 ng/ml



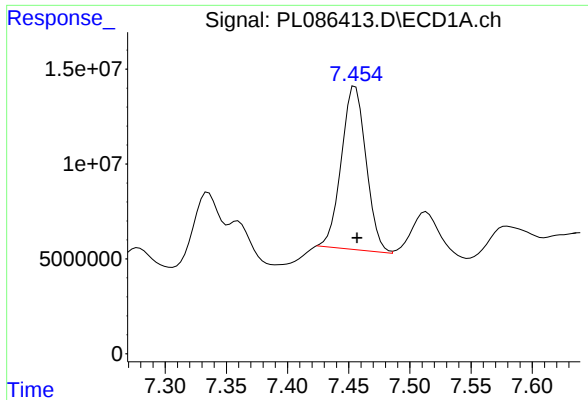
#20 Methoxychlor

R.T.: 7.335 min
Delta R.T.: 0.000 min
Response: 57139647
Conc: 41.20 ng/ml



#20 Methoxychlor

R.T.: 6.469 min
Delta R.T.: 0.002 min
Response: 38843674
Conc: 66.48 ng/ml



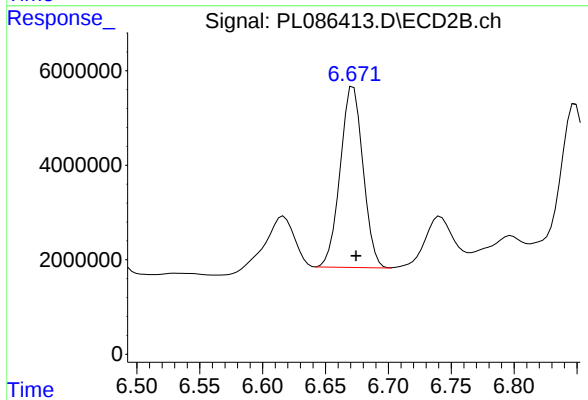
#21 Endrin ketone

R.T.: 7.454 min
Delta R.T.: -0.003 min
Response: 120486951
Conc: 37.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MS

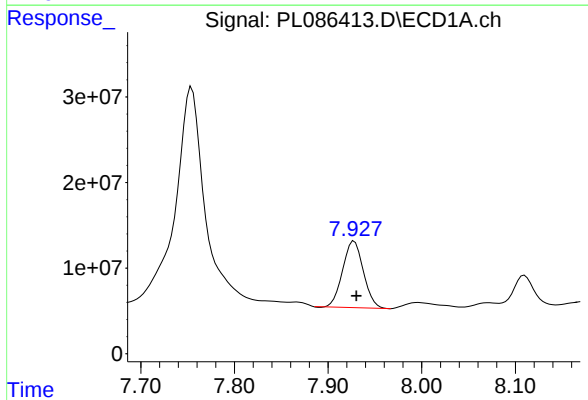
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



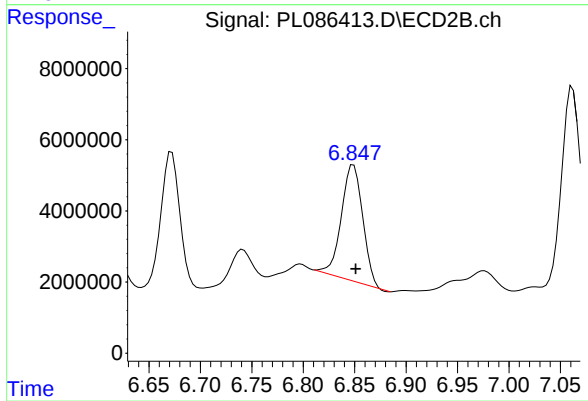
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 48382574
Conc: 38.79 ng/ml m



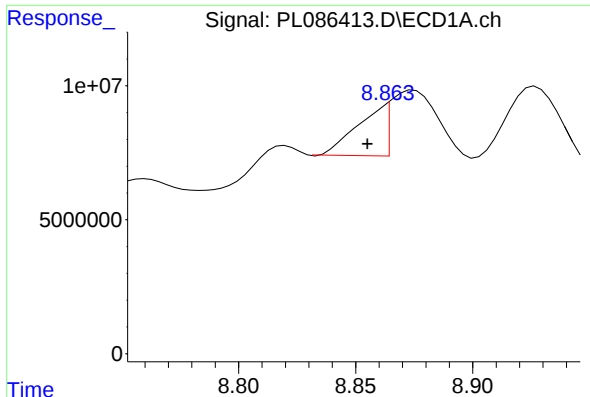
#22 Mirex

R.T.: 7.928 min
Delta R.T.: -0.002 min
Response: 119820701
Conc: 43.92 ng/ml



#22 Mirex

R.T.: 6.849 min
Delta R.T.: -0.002 min
Response: 47347551
Conc: 41.39 ng/ml



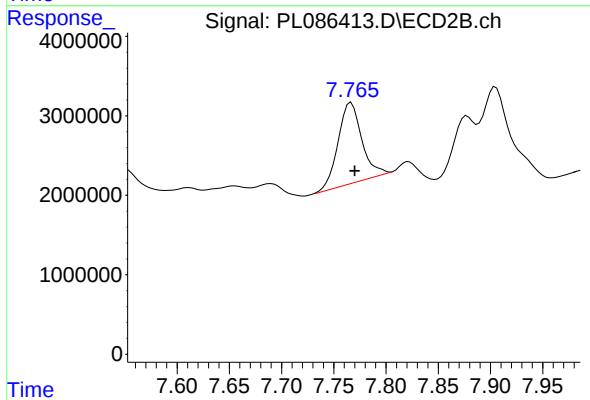
#28 Decachlorobiphenyl

R.T.: 8.863 min
Delta R.T.: 0.007 min
Response: 17608764
Conc: 6.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



#28 Decachlorobiphenyl

R.T.: 7.767 min
Delta R.T.: -0.003 min
Response: 16008883
Conc: 13.96 ng/ml