

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082523\
 Data File : PL084988.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2023 14:41
 Operator : AR\AJ
 Sample : 04165-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-210MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/28/2023
 Supervised By : Ankita Jodhani 08/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 22:22:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 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...	3.477	2.685	36719852	17924512	15.804	16.484
28)	SA Decachlor...	9.026	7.865	27162146	20077189	16.694m	16.103
Target Compounds							
2)	A alpha-BHC	3.935	3.190	150.1E6	77701875	45.478	50.323
3)	MA gamma-BHC...	4.268	3.520	144.7E6	74091471	45.349m	48.759
4)	MA Heptachlor	4.860	3.861	160.4E6	74230395	47.694m	52.123
5)	MB Aldrin	5.202	4.141	153.6E6	71821229	46.474m	49.416
6)	B beta-BHC	4.469	3.823	64648979	32120695	46.280	47.940
7)	B delta-BHC	4.716	4.051	150.2E6	72945583	46.579	48.047
8)	B Heptachlo...	5.634	4.648	142.5E6	64908905	47.294	48.921
9)	A Endosulfan I	6.020	5.018	115.1E6	62815561	43.737	50.686
10)	B gamma-Chl...	5.892	4.899	150.2E6	77725218	52.440	57.308m
11)	B alpha-Chl...	5.973	4.964	166.7E6	81106450	59.047	59.528
12)	B 4,4'-DDE	6.151	5.163	116.7E6	74475422	50.855	60.477
13)	MA Dieldrin	6.297	5.285	113.9E6	67119634	43.094	49.433
14)	MA Endrin	6.527	5.560	90521384	61619606	41.505	50.375
15)	B Endosulfa...	6.747	5.858	83088332	57138447	39.285	47.355
16)	A 4,4'-DDD	6.668	5.720	83026719	50209153	49.521m	48.594
17)	MA 4,4'-DDT	6.985	5.973	107.4E6	69892229	57.346	60.223
18)	B Endrin al...	6.878	6.040	66193730	45407389	39.239	45.785
19)	B Endosulfa...	7.114	6.264	82901868	53055520	41.499	44.615
20)	A Methoxychlor	7.466	6.558	37355749	33791586	38.925m	49.252 #
21)	B Endrin ke...	7.599	6.769	82081258	60066483	41.032	41.631
22)	Mirex	8.073	6.948	62281342	44960807	37.500m	38.985m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082523\
Data File : PL084988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2023 14:41
Operator : AR\AJ
Sample : 04165-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

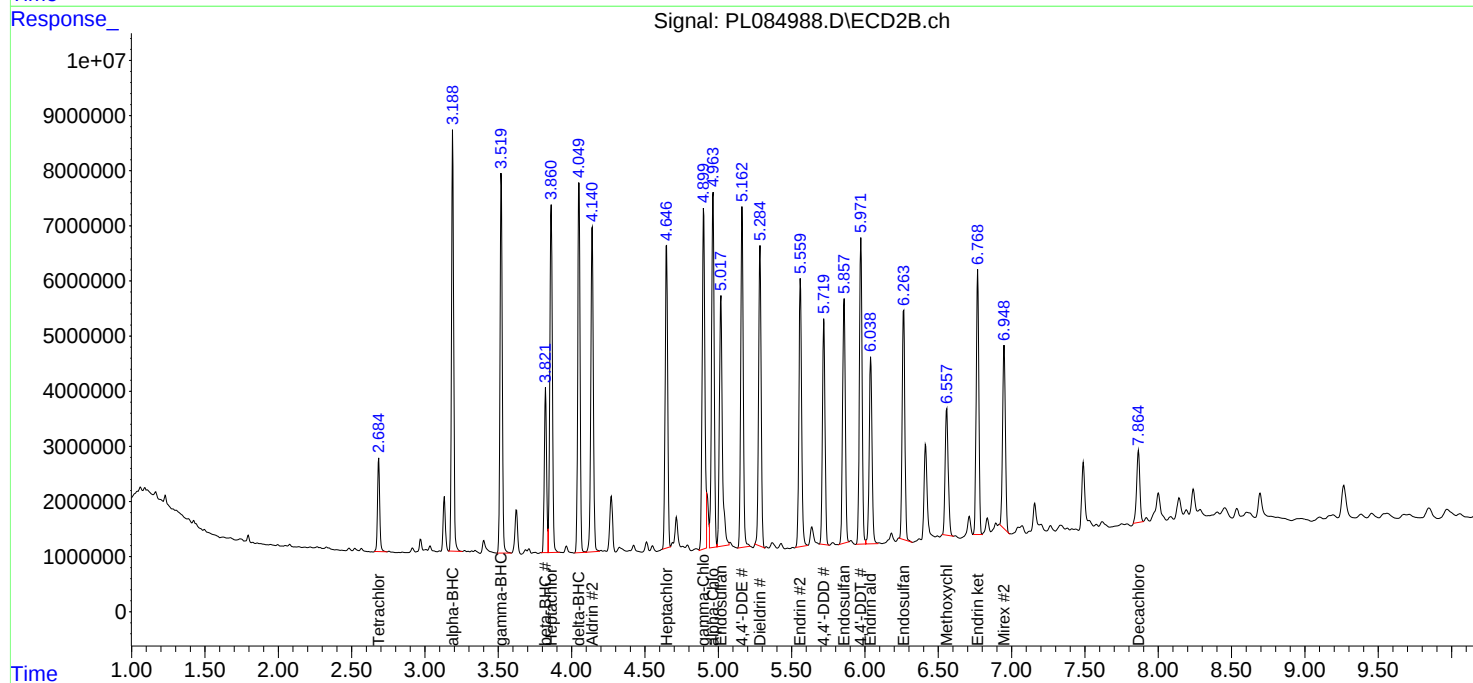
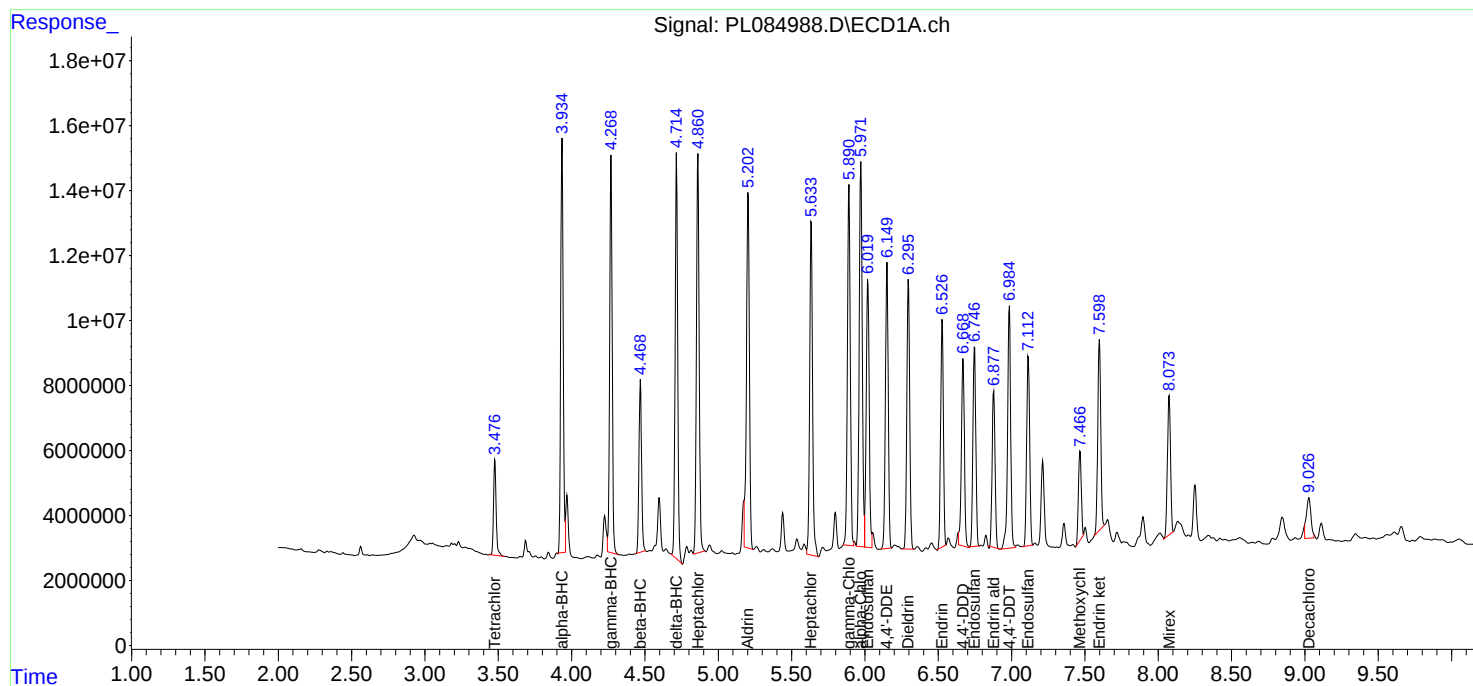
Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

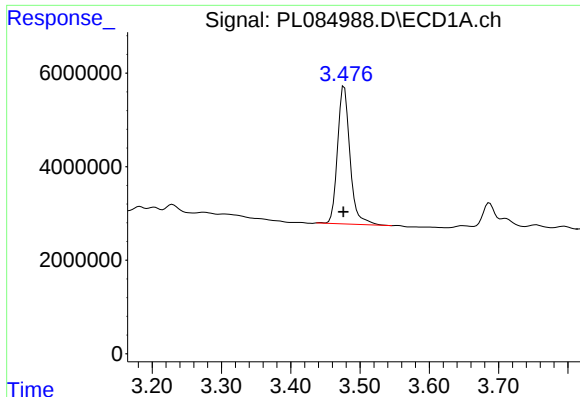
Manual Integrations
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Supervised By :Ankita Jodhani 08/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 22:22:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 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





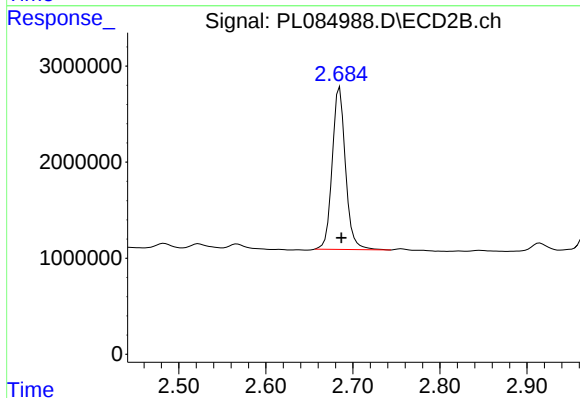
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.001 min
Response: 36719852
Conc: 15.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

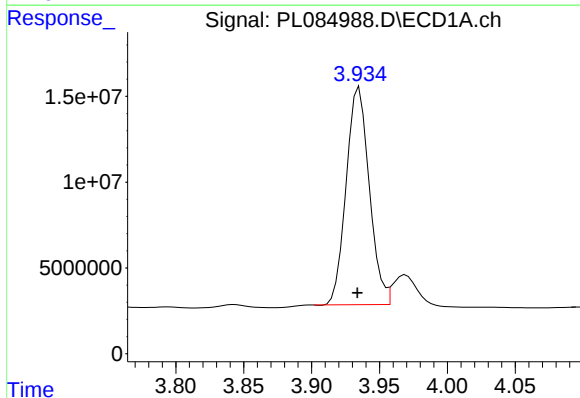
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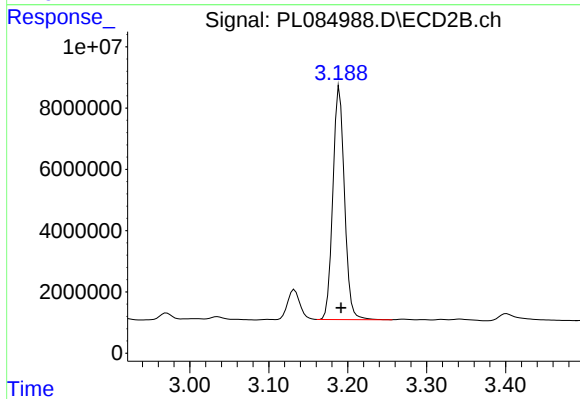
#1 Tetrachloro-m-xylene

R.T.: 2.685 min
Delta R.T.: -0.002 min
Response: 17924512
Conc: 16.48 ng/ml



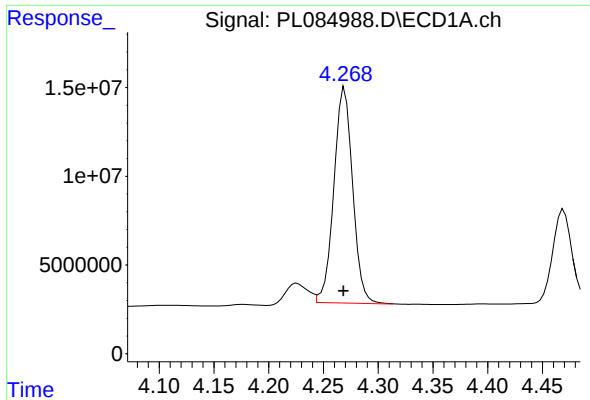
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.001 min
Response: 150140303
Conc: 45.48 ng/ml



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.002 min
Response: 77701875
Conc: 50.32 ng/ml



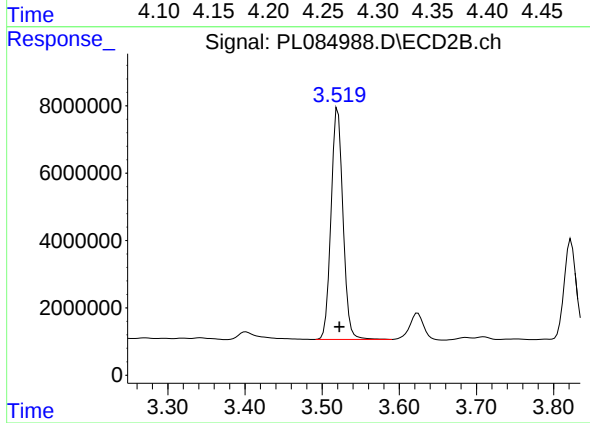
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 144662119
Conc: 45.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

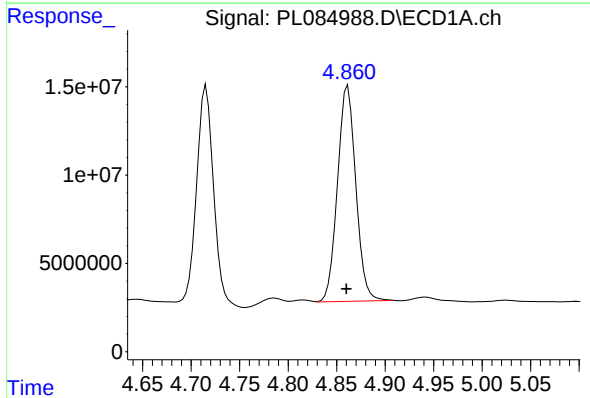
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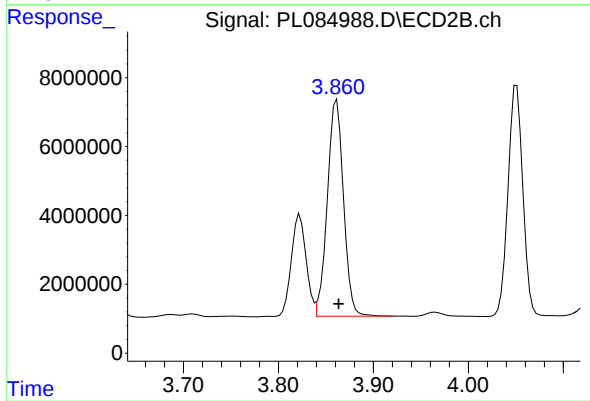
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: -0.002 min
Response: 74091471
Conc: 48.76 ng/ml



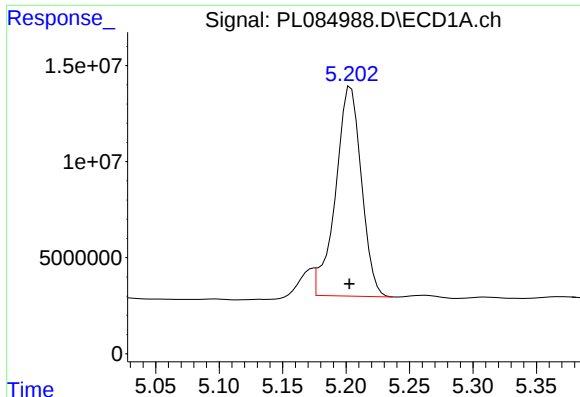
#4 Heptachlor

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 160387685
Conc: 47.69 ng/ml m



#4 Heptachlor

R.T.: 3.861 min
Delta R.T.: -0.002 min
Response: 74230395
Conc: 52.12 ng/ml



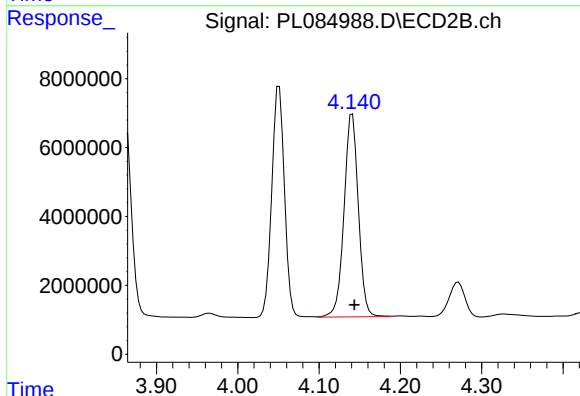
#5 Aldrin

R.T.: 5.202 min
Delta R.T.: 0.000 min
Response: 153613812
Conc: 46.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

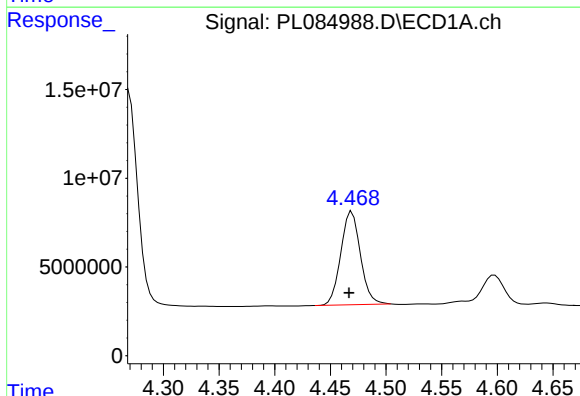
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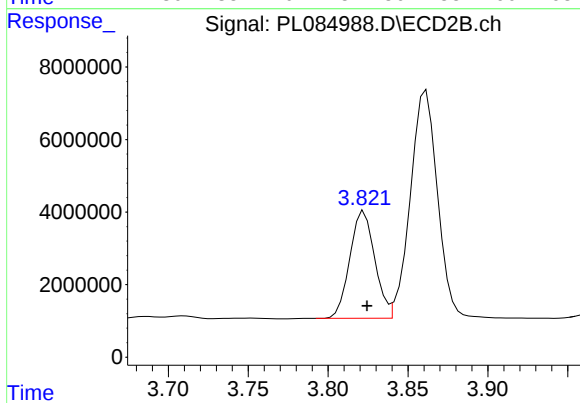
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: -0.003 min
Response: 71821229
Conc: 49.42 ng/ml



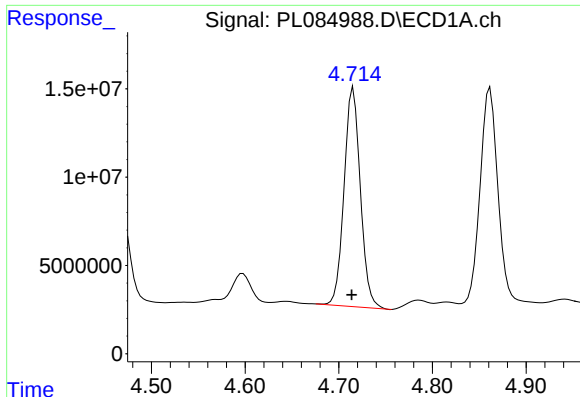
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.002 min
Response: 64648979
Conc: 46.28 ng/ml



#6 beta-BHC

R.T.: 3.823 min
Delta R.T.: -0.002 min
Response: 32120695
Conc: 47.94 ng/ml



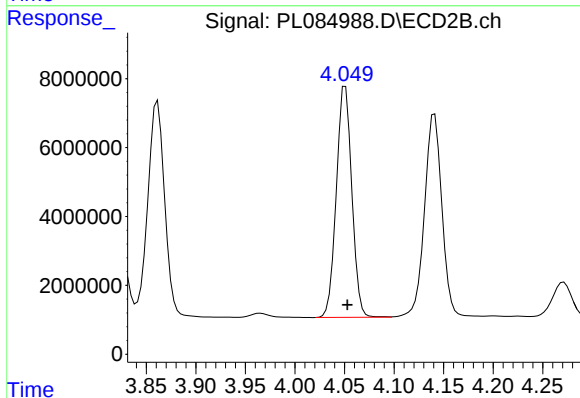
#7 delta-BHC

R.T.: 4.716 min
Delta R.T.: 0.002 min
Response: 150205587
Conc: 46.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

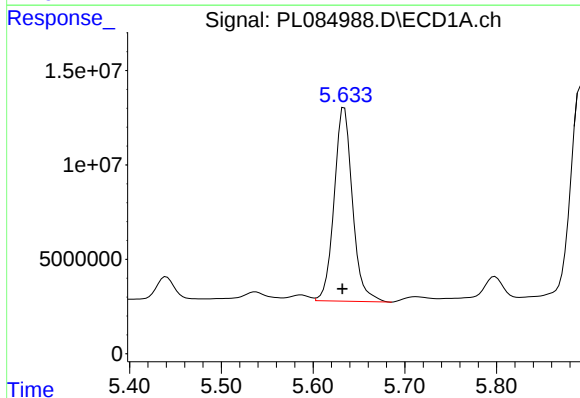
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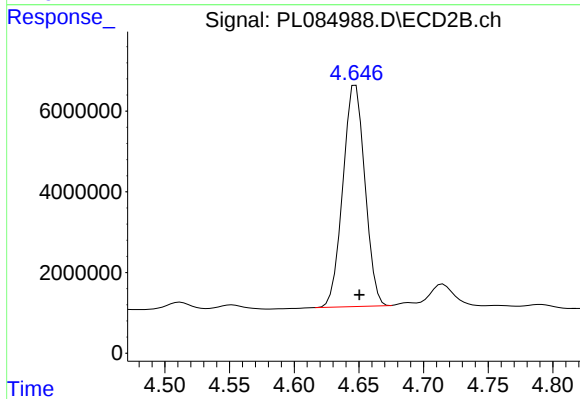
#7 delta-BHC

R.T.: 4.051 min
Delta R.T.: -0.002 min
Response: 72945583
Conc: 48.05 ng/ml



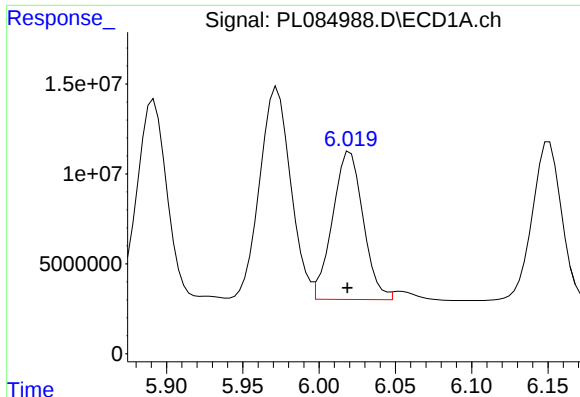
#8 Heptachlor epoxide

R.T.: 5.634 min
Delta R.T.: 0.002 min
Response: 142482562
Conc: 47.29 ng/ml



#8 Heptachlor epoxide

R.T.: 4.648 min
Delta R.T.: -0.003 min
Response: 64908905
Conc: 48.92 ng/ml



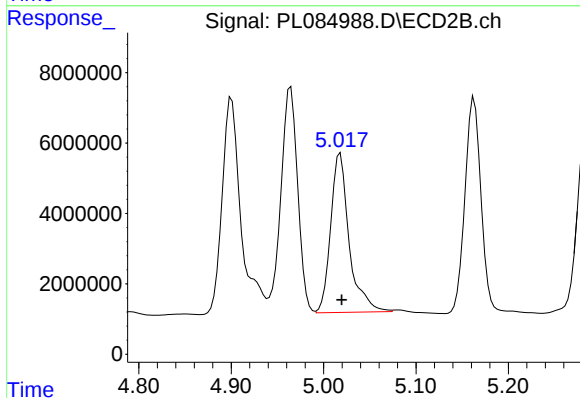
#9 Endosulfan I

R.T.: 6.020 min
Delta R.T.: 0.002 min
Response: 115126866
Conc: 43.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

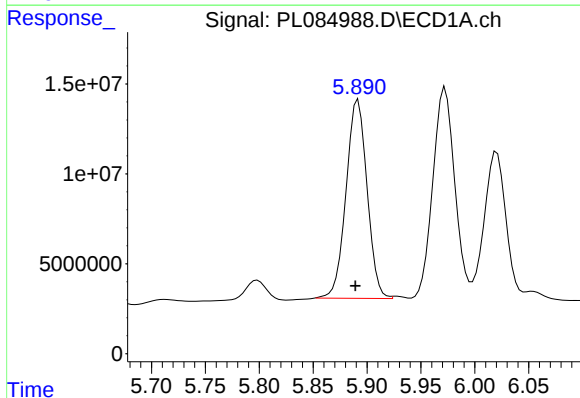
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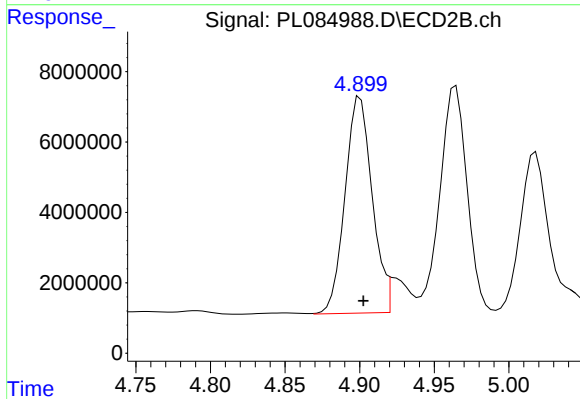
#9 Endosulfan I

R.T.: 5.018 min
Delta R.T.: -0.002 min
Response: 62815561
Conc: 50.69 ng/ml



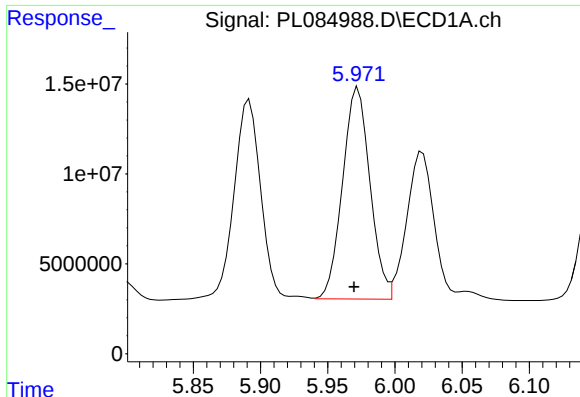
#10 gamma-Chlordane

R.T.: 5.892 min
Delta R.T.: 0.002 min
Response: 150169304
Conc: 52.44 ng/ml



#10 gamma-Chlordane

R.T.: 4.899 min
Delta R.T.: -0.004 min
Response: 77725218
Conc: 57.31 ng/ml m



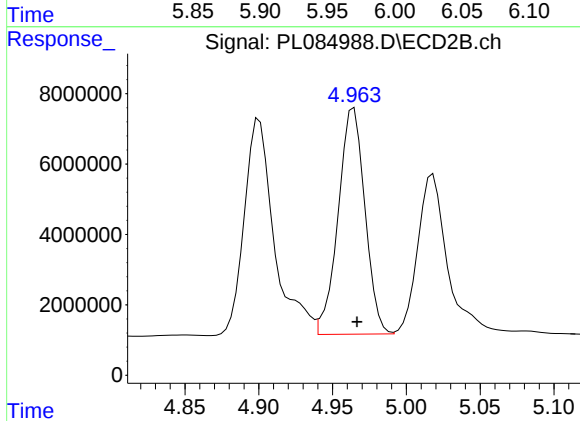
#11 alpha-Chlordane

R.T.: 5.973 min
Delta R.T.: 0.003 min
Response: 166700783
Conc: 59.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

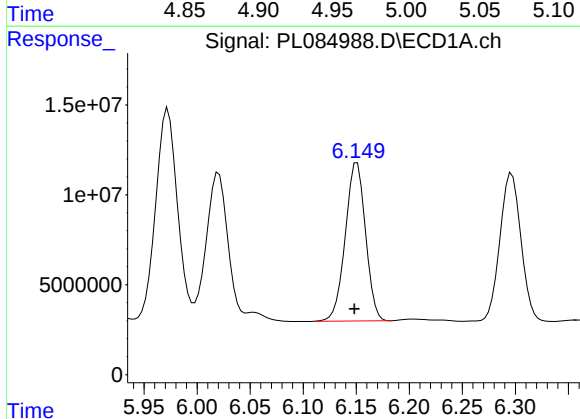
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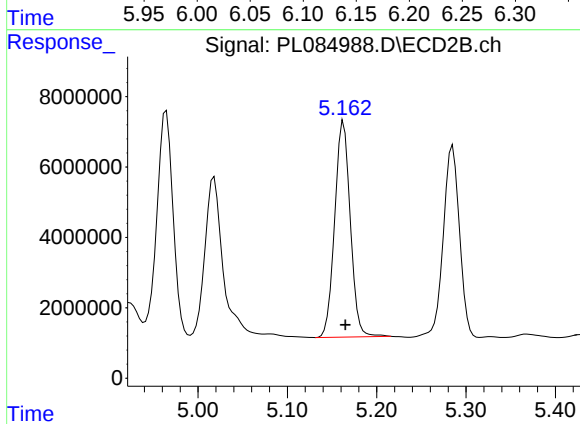
#11 alpha-Chlordane

R.T.: 4.964 min
Delta R.T.: -0.002 min
Response: 81106450
Conc: 59.53 ng/ml



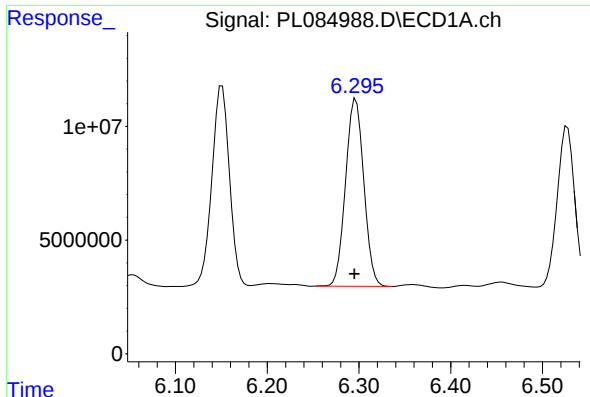
#12 4,4'-DDE

R.T.: 6.151 min
Delta R.T.: 0.002 min
Response: 116726216
Conc: 50.85 ng/ml



#12 4,4'-DDE

R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 74475422
Conc: 60.48 ng/ml



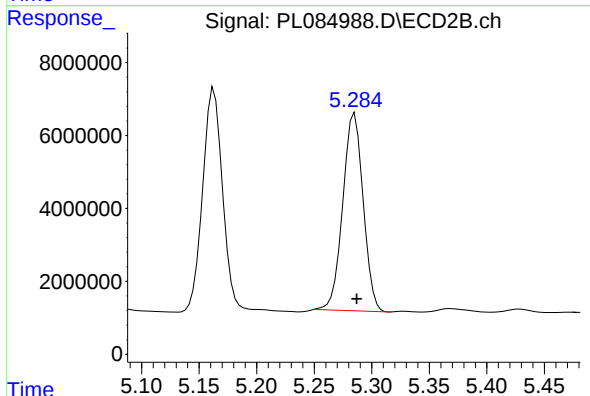
#13 Dieldrin

R.T.: 6.297 min
Delta R.T.: 0.002 min
Response: 113879974
Conc: 43.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

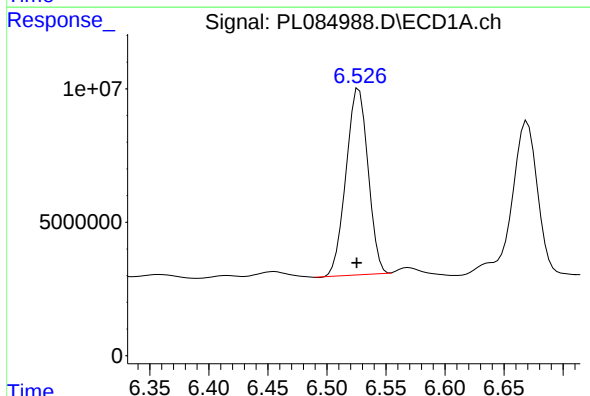
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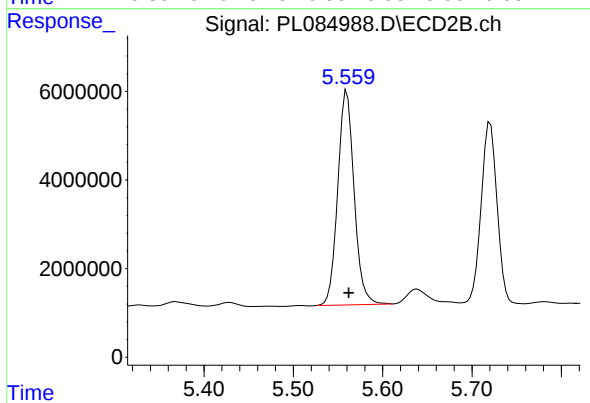
#13 Dieldrin

R.T.: 5.285 min
Delta R.T.: -0.002 min
Response: 67119634
Conc: 49.43 ng/ml



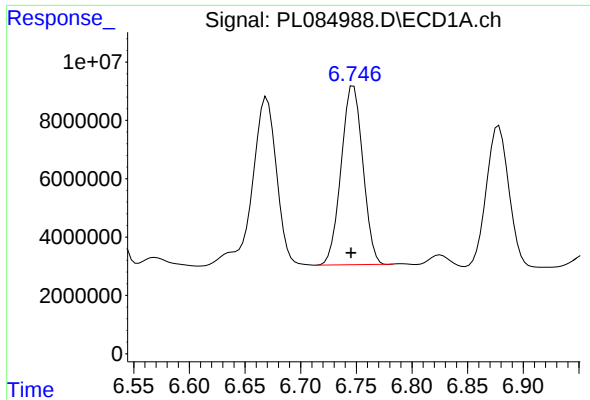
#14 Endrin

R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 90521384
Conc: 41.50 ng/ml



#14 Endrin

R.T.: 5.560 min
Delta R.T.: -0.002 min
Response: 61619606
Conc: 50.38 ng/ml



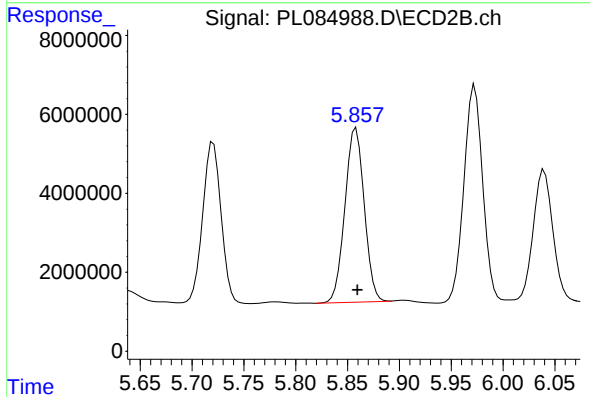
#15 Endosulfan II

R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 83088332
Conc: 39.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

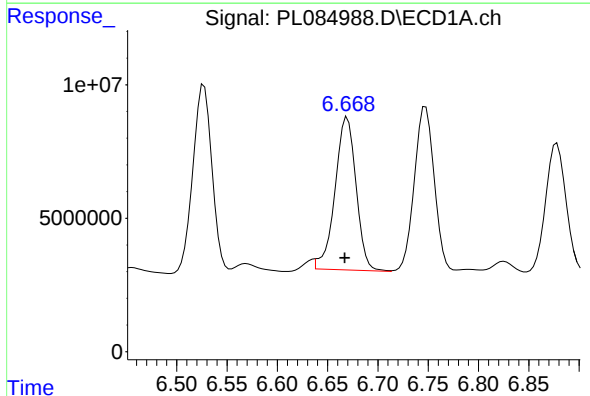
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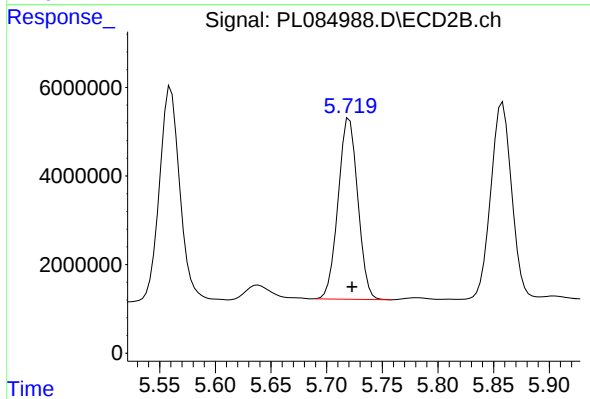
#15 Endosulfan II

R.T.: 5.858 min
Delta R.T.: -0.001 min
Response: 57138447
Conc: 47.36 ng/ml



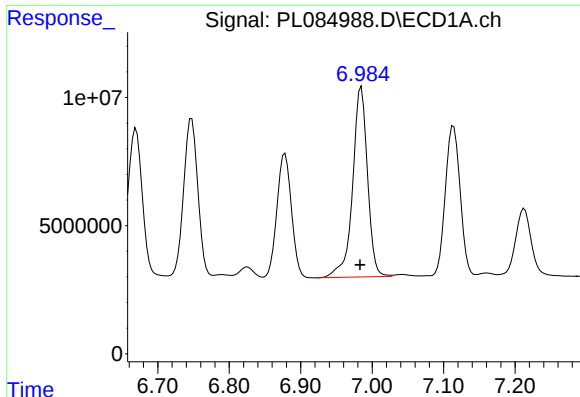
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.001 min
Response: 83026719
Conc: 49.52 ng/ml m



#16 4,4'-DDD

R.T.: 5.720 min
Delta R.T.: -0.002 min
Response: 50209153
Conc: 48.59 ng/ml



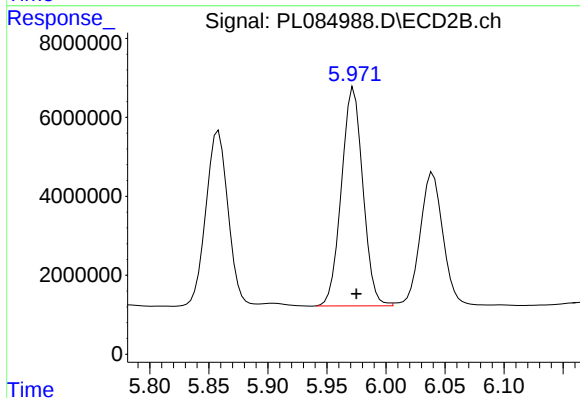
#17 4,4'-DDT

R.T.: 6.985 min
Delta R.T.: 0.002 min
Response: 107449117
Conc: 57.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

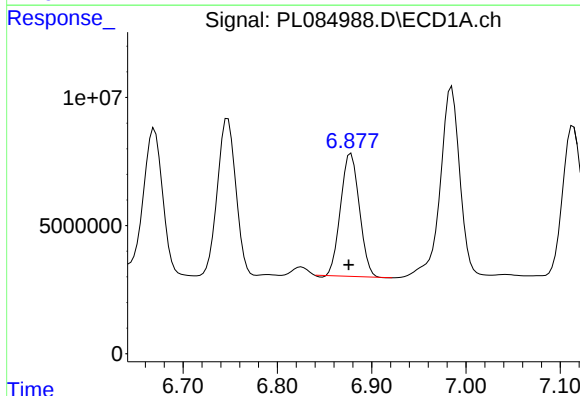
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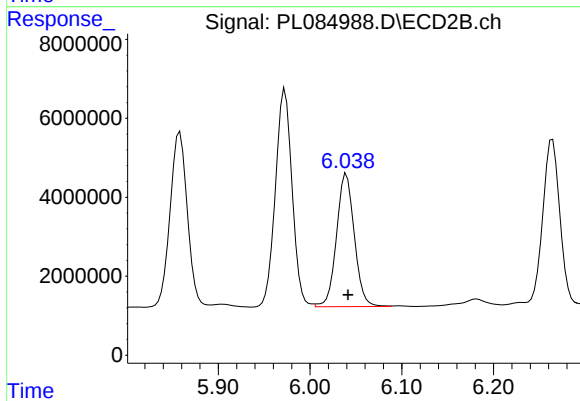
#17 4,4'-DDT

R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 69892229
Conc: 60.22 ng/ml



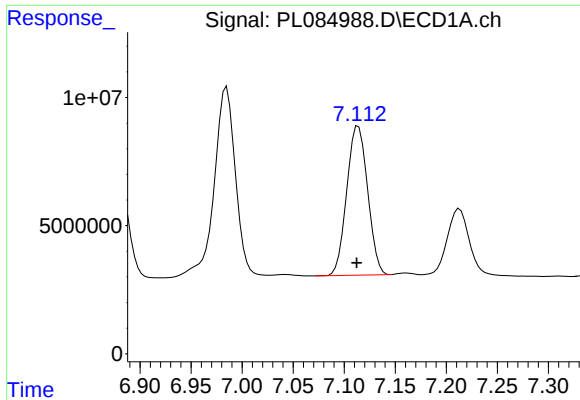
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: 0.002 min
Response: 66193730
Conc: 39.24 ng/ml



#18 Endrin aldehyde

R.T.: 6.040 min
Delta R.T.: -0.002 min
Response: 45407389
Conc: 45.79 ng/ml



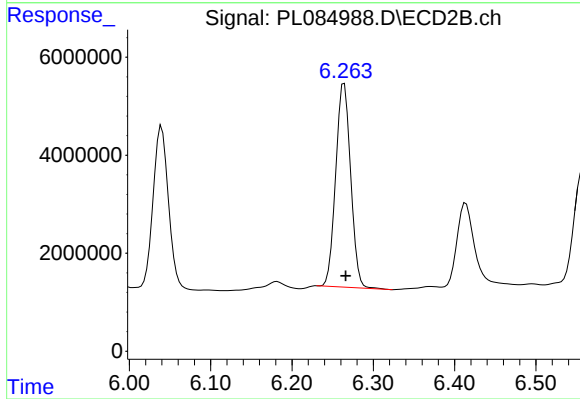
#19 Endosulfan Sulfate

R.T.: 7.114 min
Delta R.T.: 0.002 min
Response: 82901868
Conc: 41.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

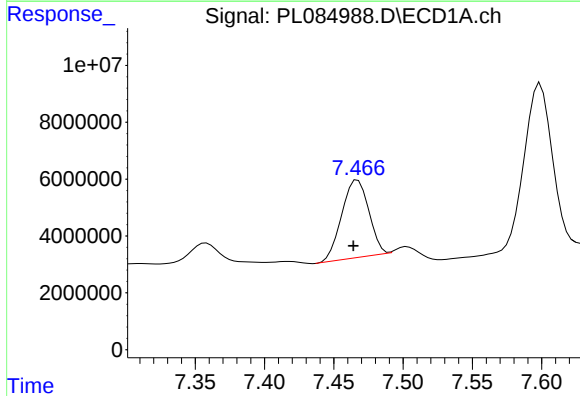
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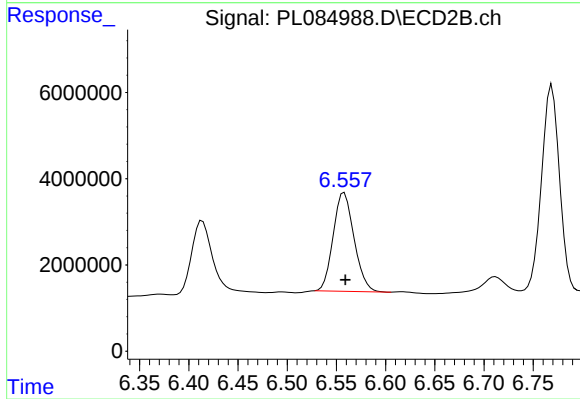
#19 Endosulfan Sulfate

R.T.: 6.264 min
Delta R.T.: -0.002 min
Response: 53055520
Conc: 44.61 ng/ml



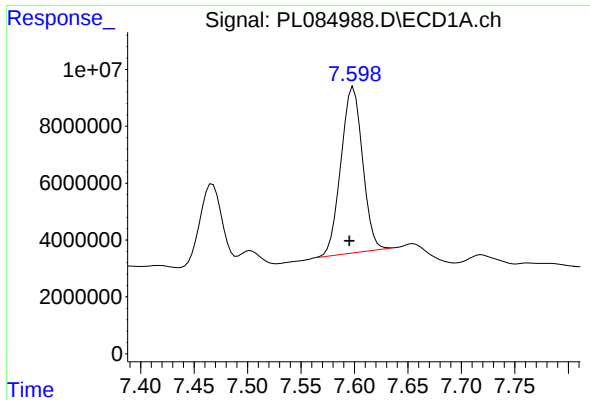
#20 Methoxychlor

R.T.: 7.466 min
Delta R.T.: 0.002 min
Response: 37355749
Conc: 38.92 ng/ml m



#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: -0.001 min
Response: 33791586
Conc: 49.25 ng/ml



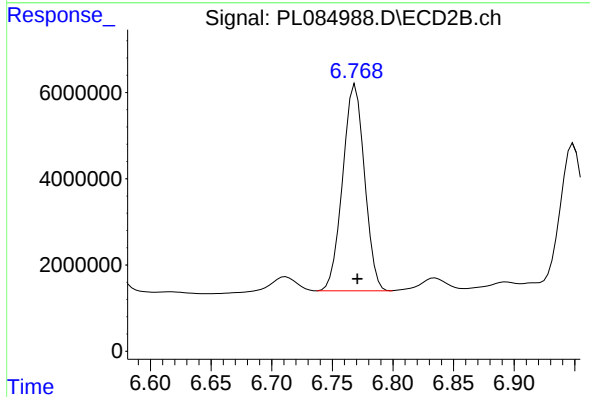
#21 Endrin ketone

R.T.: 7.599 min
Delta R.T.: 0.004 min
Response: 82081258
Conc: 41.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

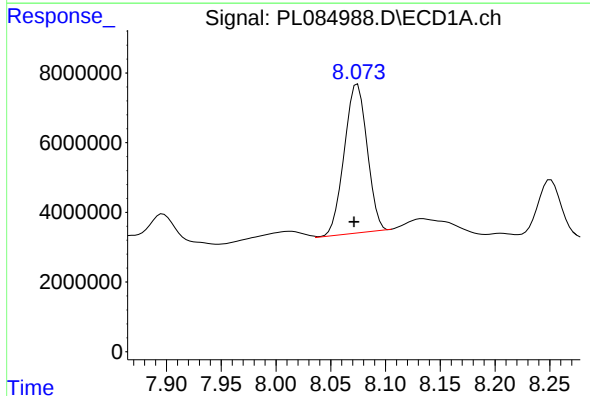
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/28/2023
Supervised By :Ankita Jodhani 08/28/2023



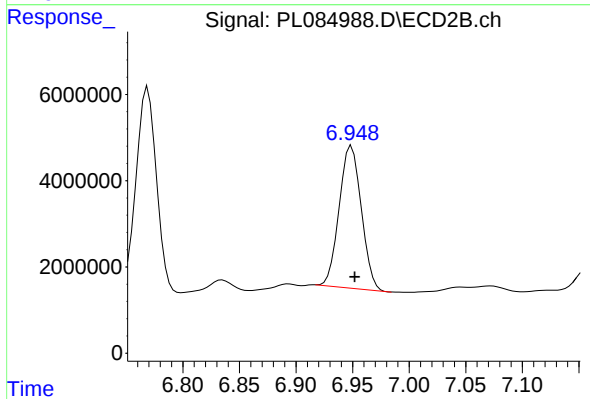
#21 Endrin ketone

R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 60066483
Conc: 41.63 ng/ml



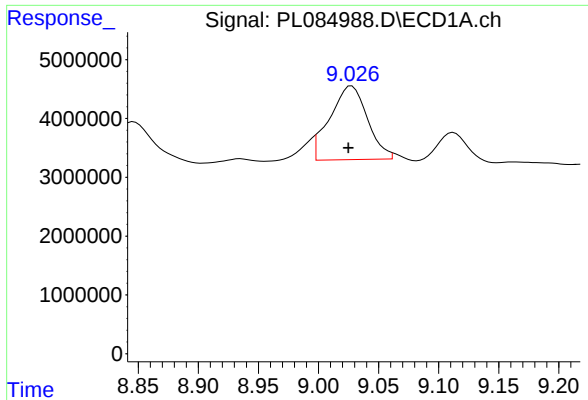
#22 Mirex

R.T.: 8.073 min
Delta R.T.: 0.002 min
Response: 62281342
Conc: 37.50 ng/ml m



#22 Mirex

R.T.: 6.948 min
Delta R.T.: -0.004 min
Response: 44960807
Conc: 38.99 ng/ml m



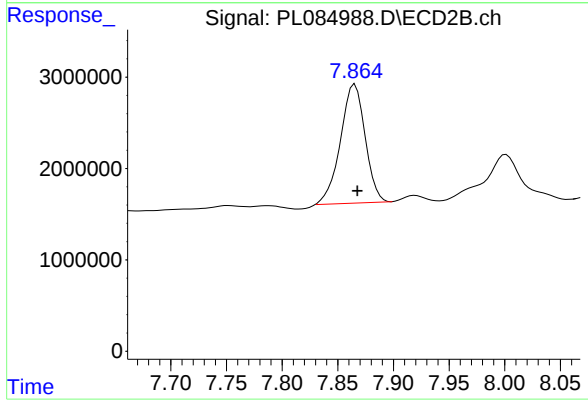
#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.001 min
Response: 27162146
Conc: 16.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-210MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.865 min
Delta R.T.: -0.002 min
Response: 20077189
Conc: 16.10 ng/ml