

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070124\
 Data File : PL090418.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2024 16:21
 Operator : AR\AJ
 Sample : P3134-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-238MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/02/2024
 Supervised By :Ankita Jodhani 07/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:50:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 25 11:05:38 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...	3.546	2.790	46772156	33247471	20.608	21.019
2) SA Decachlor...	9.056	7.932	28096416	34574768	18.218m	23.178m#
Target Compounds						
2) A alpha-BHC	4.000	3.294	131.7E6	107.7E6	41.976m	48.167
3) MA gamma-BHC...	4.332	3.624	133.1E6	106.8E6	44.268m	49.935
4) MA Heptachlor	4.922	3.963	118.2E6	97098843	42.519m	46.708m
5) MB Aldrin	5.263	4.244	127.5E6	100.6E6	46.569m	50.825m
6) B beta-BHC	4.529	3.922	56999818	46093179	42.317	47.746
7) B delta-BHC	4.777	4.152	113.6E6	88424695	40.274	43.585
8) B Heptachlo...	5.690	4.746	120.7E6	93801456	47.339	51.058m
9) A Endosulfan I	6.074	5.117	98894762	79013749	41.996m	45.665m
10) B gamma-Chl...	5.944	4.998	118.5E6	101.1E6	46.909m	52.747
11) B alpha-Chl...	6.024	5.060	125.5E6	104.3E6	50.313m	54.454m
12) B 4,4'-DDE	6.195	5.249	95189442	85458498	43.606m	51.588m
13) MA Dieldrin	6.350	5.381	107.6E6	93393078	44.002	50.635m
14) MA Endrin	6.579	5.657	89915288	78719841	42.407	47.606
15) B Endosulfa...	6.798	5.952	94883537	84278684	42.912	51.366
16) A 4,4'-DDD	6.713	5.805	86650450	66447163	47.296	48.479
17) MA 4,4'-DDT	7.027	6.055	82313937	72680391	42.896	49.104
18) B Endrin al...	6.927	6.128	72499869	63117868	42.940	49.563m
19) B Endosulfa...	7.162	6.353	93732338	77054360	47.323	49.276
20) A Methoxychlor	7.502	6.629	46675759	39098707	45.293	46.866m
21) B Endrin ke...	7.645	6.859	120.2E6	88625780	55.412m	49.497
22) Mirex	8.120	7.041	80639845	68269050	46.379	44.704

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070124\
Data File : PL090418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2024 16:21
Operator : AR\AJ
Sample : P3134-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

VNJ-238MSD

Manual Integrations

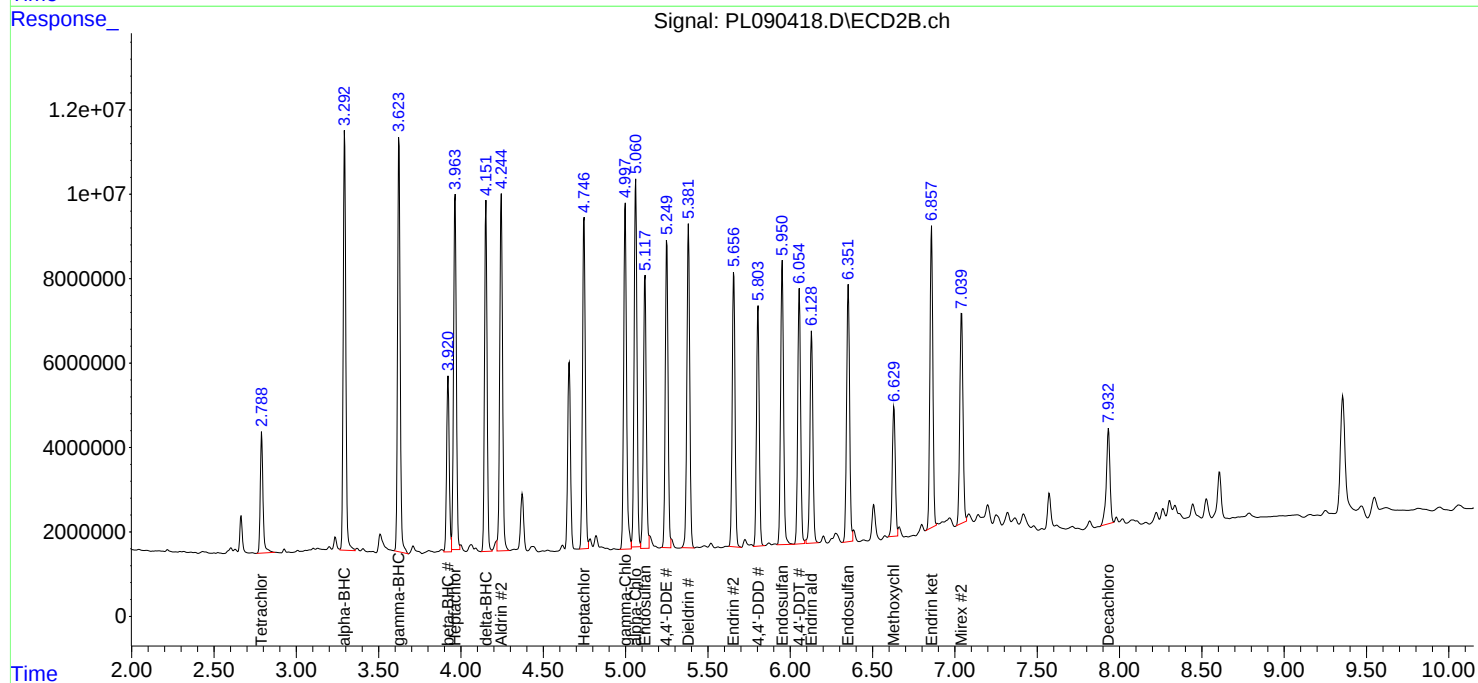
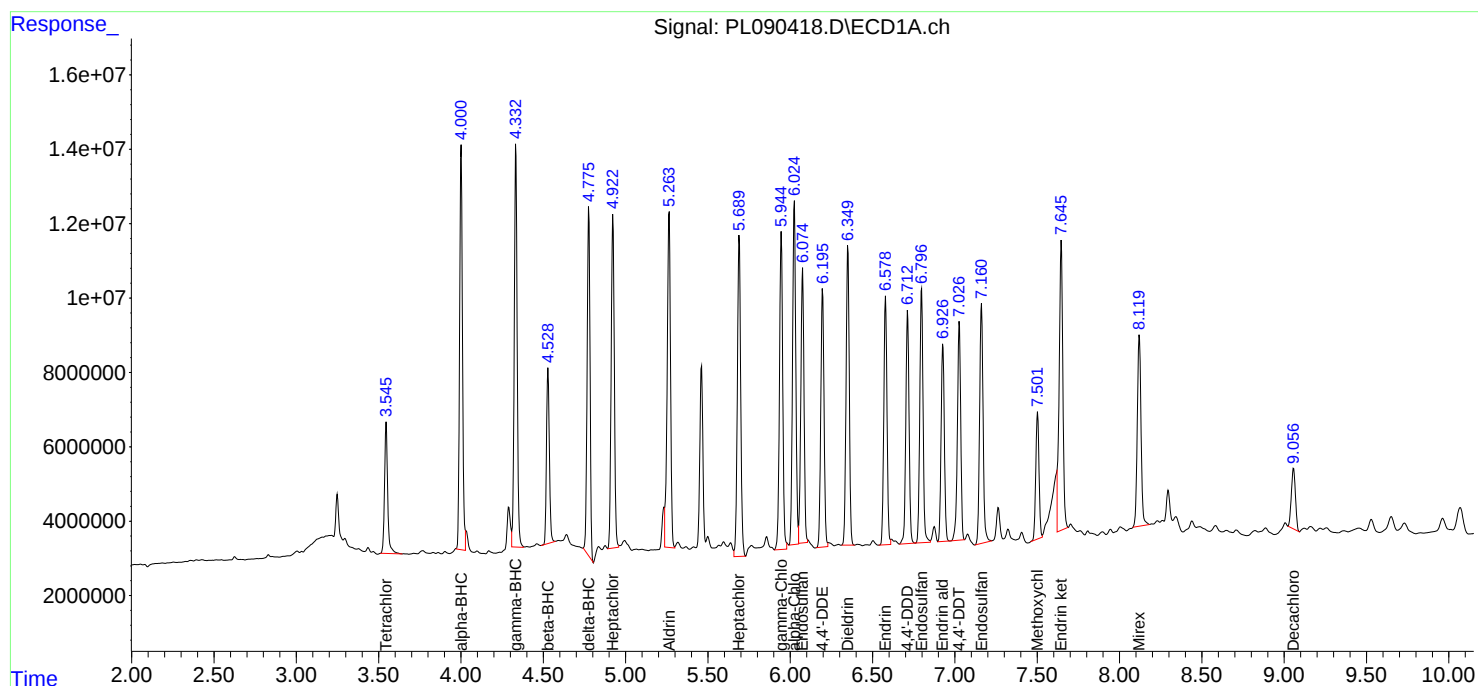
APPROVED

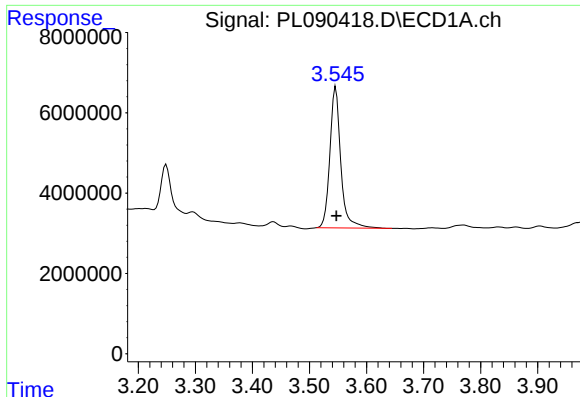
Reviewed By :Abdul Mirza 07/02/2024

Supervised By :Ankita Jodhani 07/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:50:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
Quant Title : GC Extractables
QLast Update : Tue Jun 25 11:05:38 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





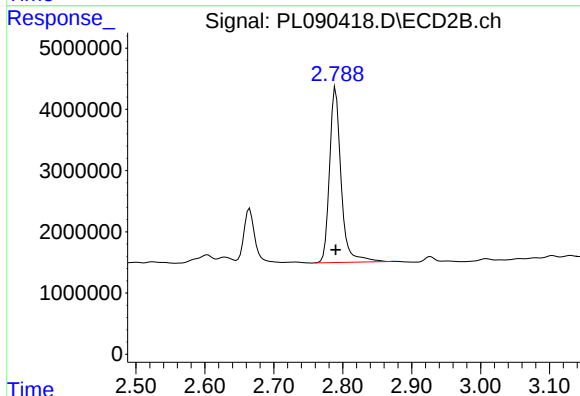
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: -0.001 min
Response: 46772156
Conc: 20.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-238MSD

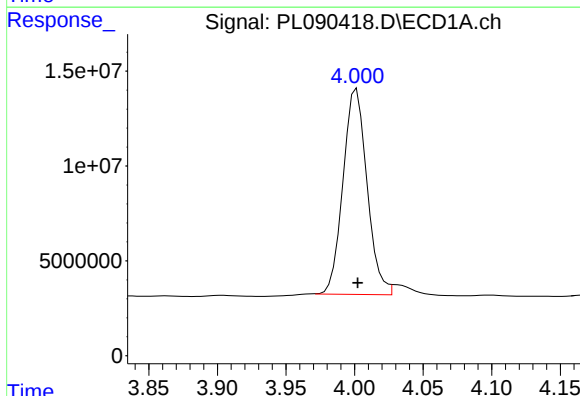
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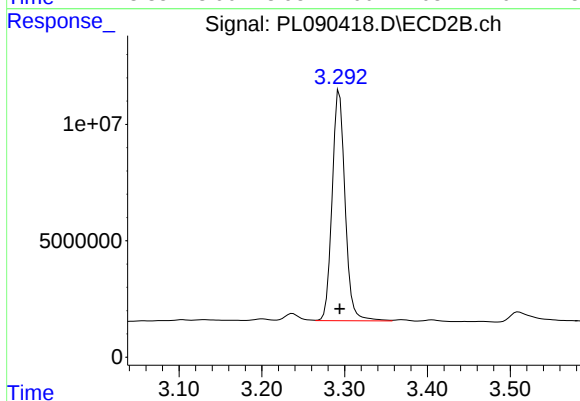
#1 Tetrachloro-m-xylene

R.T.: 2.790 min
Delta R.T.: 0.000 min
Response: 33247471
Conc: 21.02 ng/ml



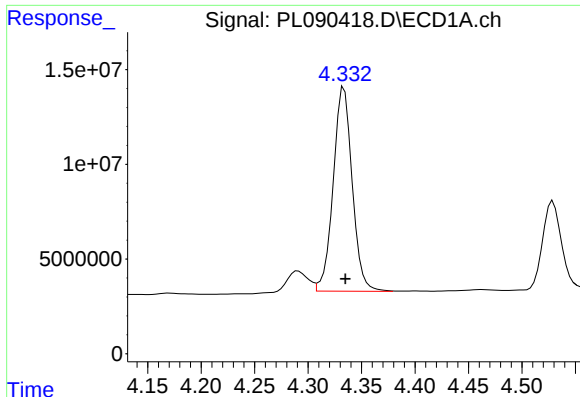
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 131657586
Conc: 41.98 ng/ml m



#2 alpha-BHC

R.T.: 3.294 min
Delta R.T.: 0.000 min
Response: 107677659
Conc: 48.17 ng/ml



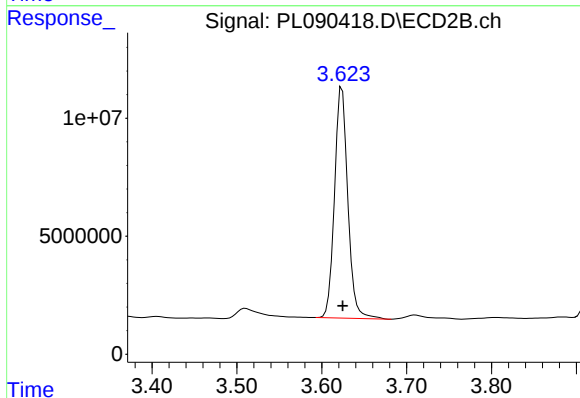
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: -0.003 min
Response: 133069806
Conc: 44.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-238MSD

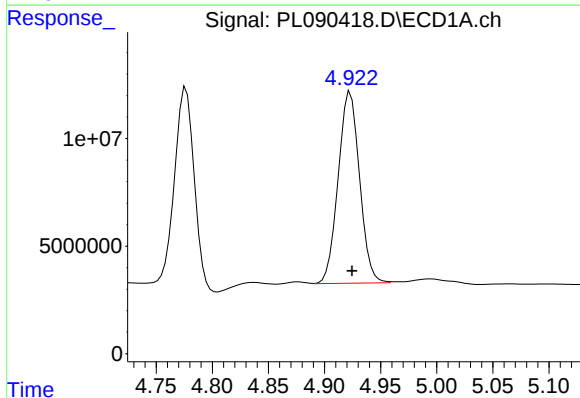
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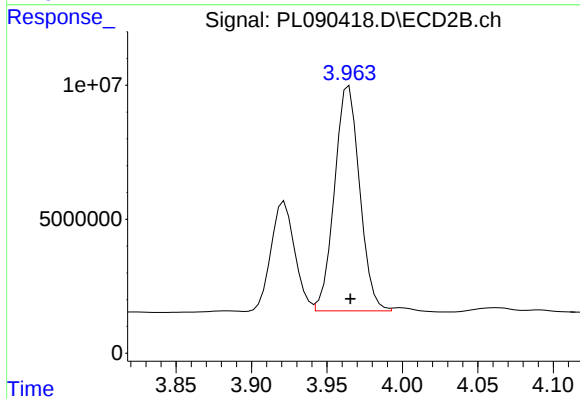
#3 gamma-BHC (Lindane)

R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 106760555
Conc: 49.94 ng/ml



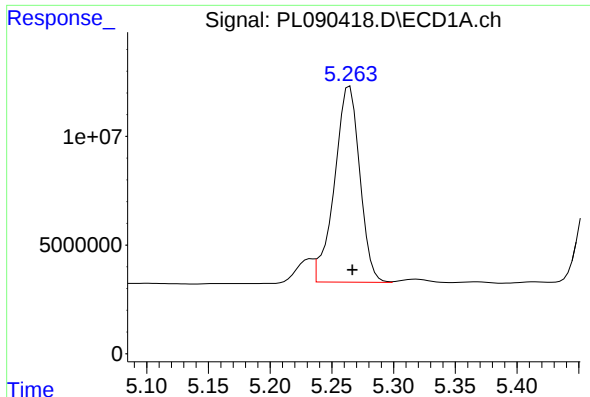
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: -0.003 min
Response: 118162138
Conc: 42.52 ng/ml m



#4 Heptachlor

R.T.: 3.963 min
Delta R.T.: -0.002 min
Response: 97098843
Conc: 46.71 ng/ml m



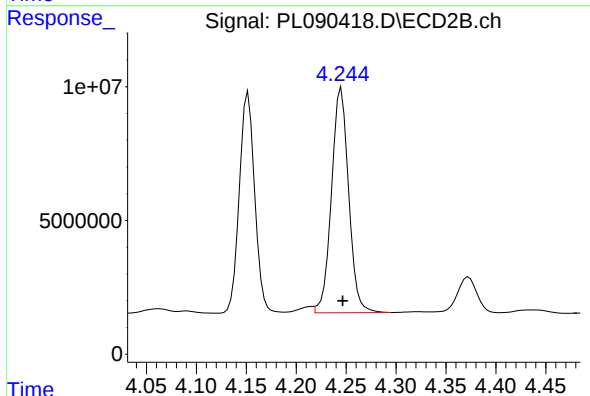
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.003 min
Response: 127483505
Conc: 46.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-238MSD

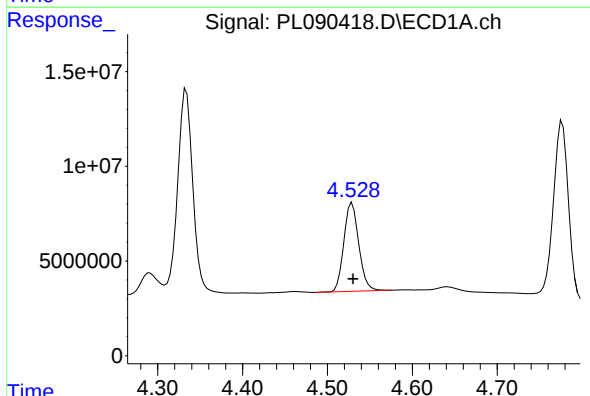
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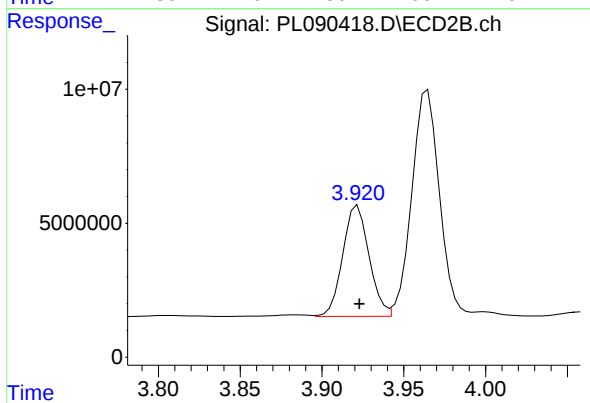
#5 Aldrin

R.T.: 4.244 min
Delta R.T.: -0.003 min
Response: 100551809
Conc: 50.82 ng/ml m



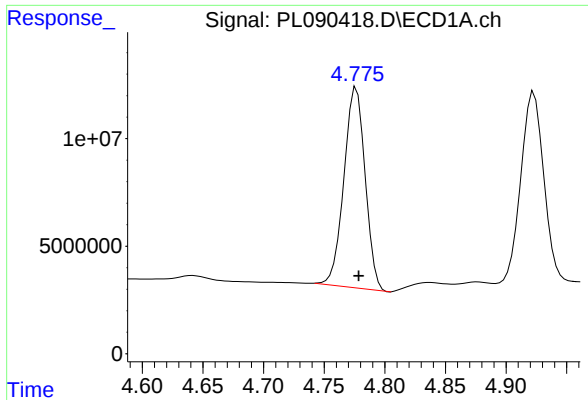
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: -0.001 min
Response: 56999818
Conc: 42.32 ng/ml



#6 beta-BHC

R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 46093179
Conc: 47.75 ng/ml



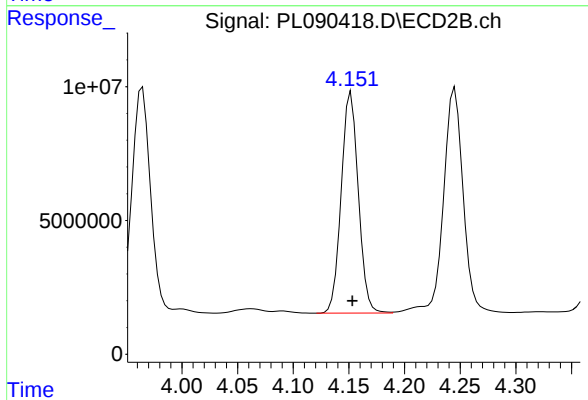
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: -0.002 min
Response: 113589415
Conc: 40.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-238MSD

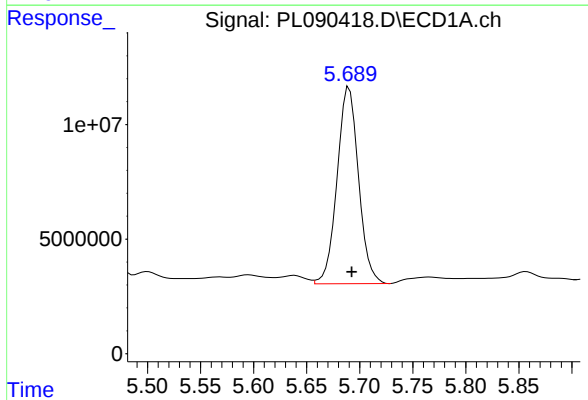
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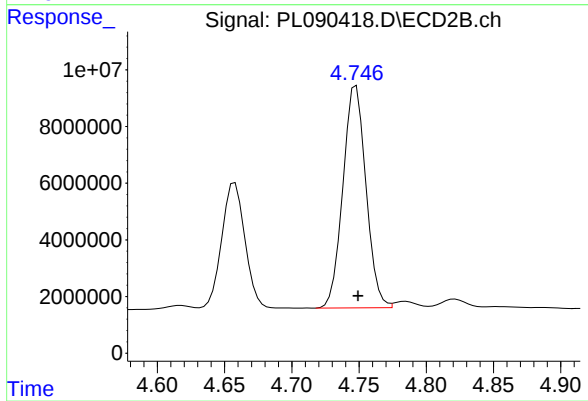
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: -0.001 min
Response: 88424695
Conc: 43.59 ng/ml



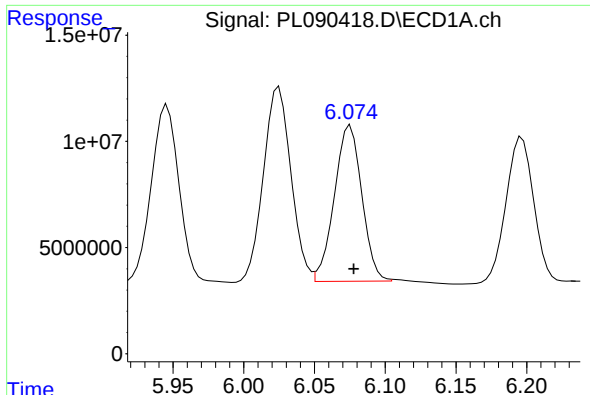
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.003 min
Response: 120720568
Conc: 47.34 ng/ml



#8 Heptachlor epoxide

R.T.: 4.746 min
Delta R.T.: -0.003 min
Response: 93801456
Conc: 51.06 ng/ml m



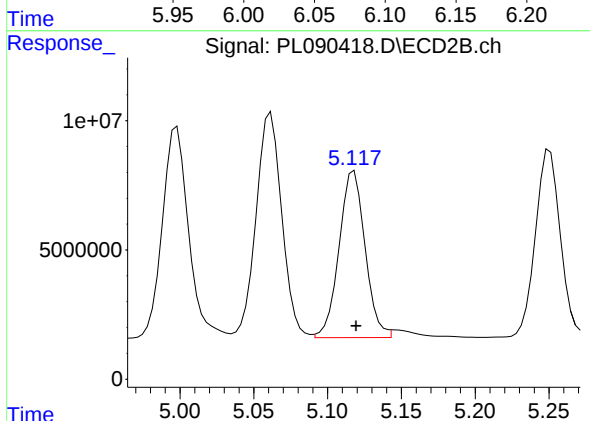
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: -0.004 min
Response: 98894762
Conc: 42.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-238MSD

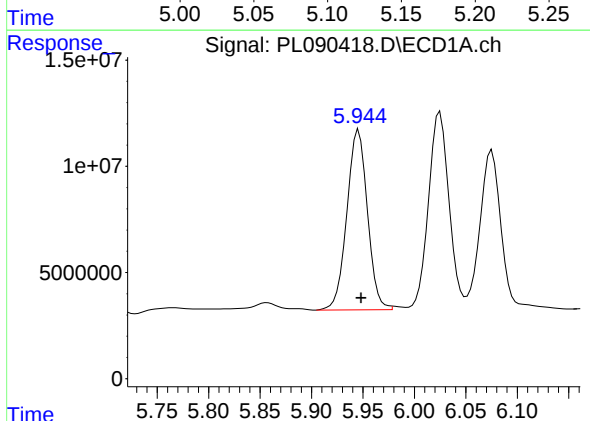
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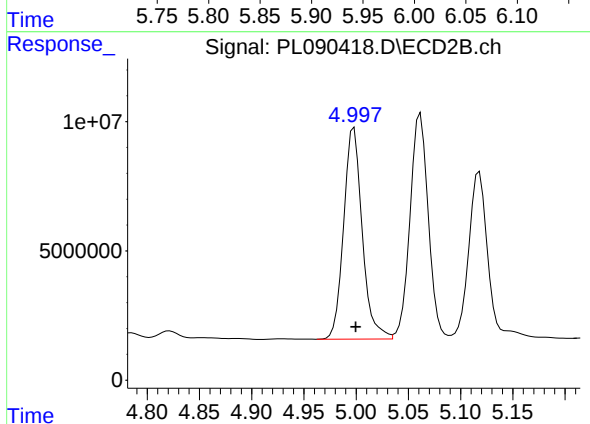
#9 Endosulfan I

R.T.: 5.117 min
Delta R.T.: -0.003 min
Response: 79013749
Conc: 45.66 ng/ml m



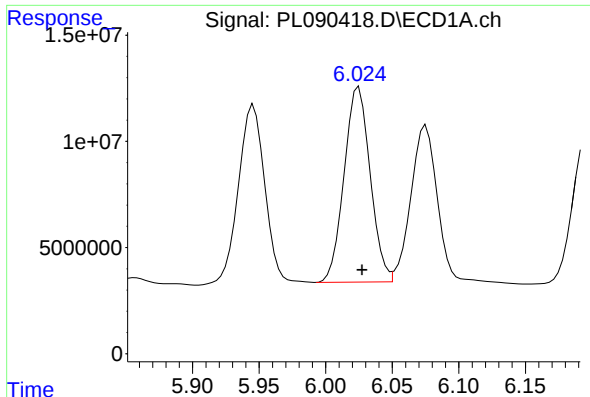
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 118531374
Conc: 46.91 ng/ml m



#10 gamma-Chlordane

R.T.: 4.998 min
Delta R.T.: -0.002 min
Response: 101091957
Conc: 52.75 ng/ml



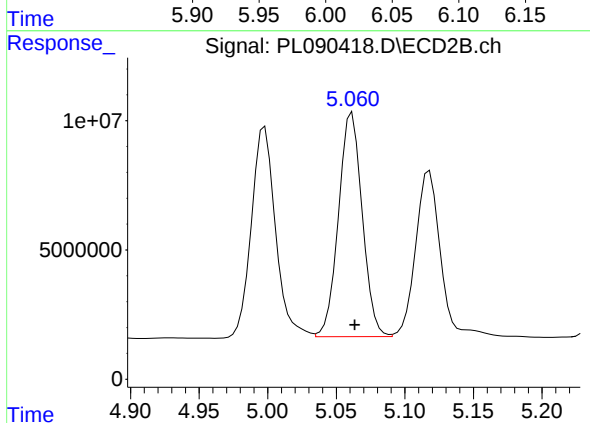
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: -0.004 min
Response: 125497655
Conc: 50.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-238MSD

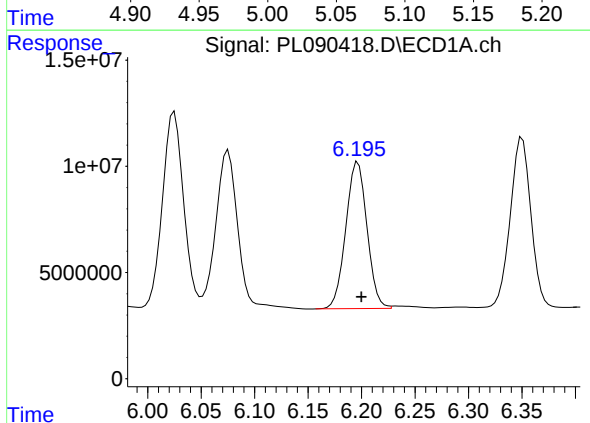
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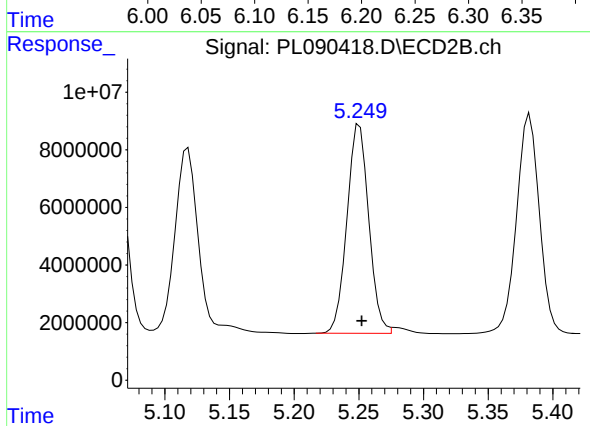
#11 alpha-Chlordane

R.T.: 5.060 min
Delta R.T.: -0.003 min
Response: 104296551
Conc: 54.45 ng/ml m



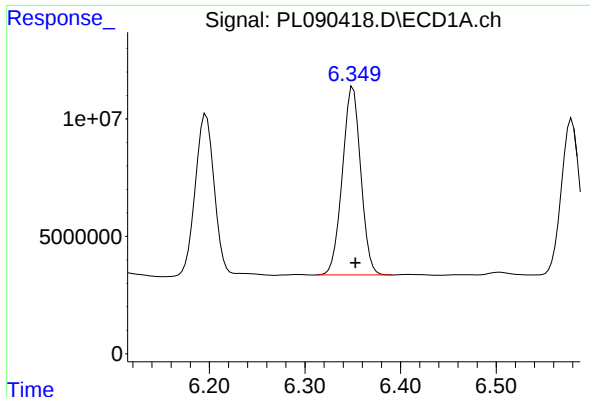
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.004 min
Response: 95189442
Conc: 43.61 ng/ml m



#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: -0.003 min
Response: 85458498
Conc: 51.59 ng/ml m



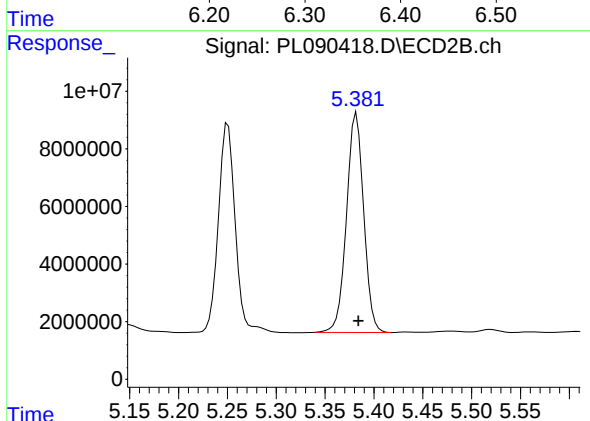
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: -0.003 min
Response: 107580007
Conc: 44.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-238MSD

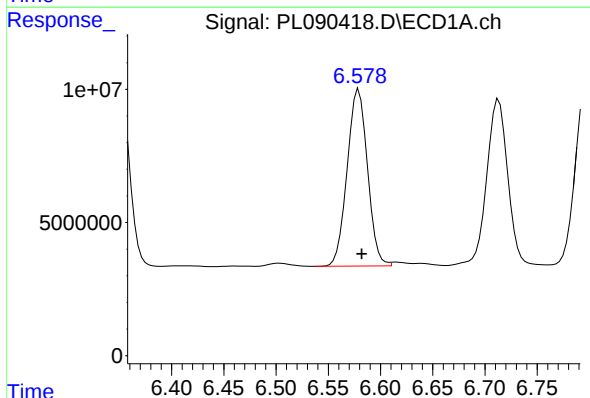
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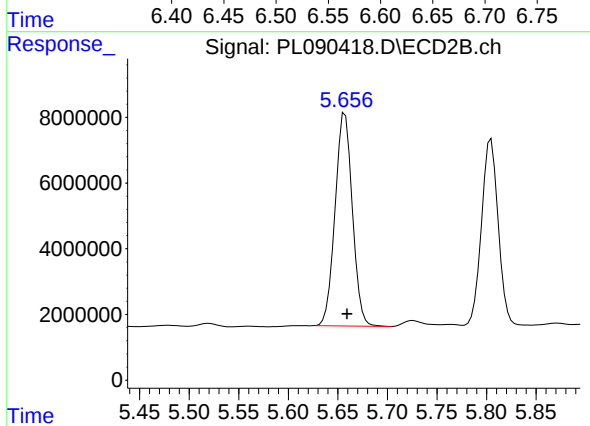
#13 Dieldrin

R.T.: 5.381 min
Delta R.T.: -0.003 min
Response: 93393078
Conc: 50.64 ng/ml m



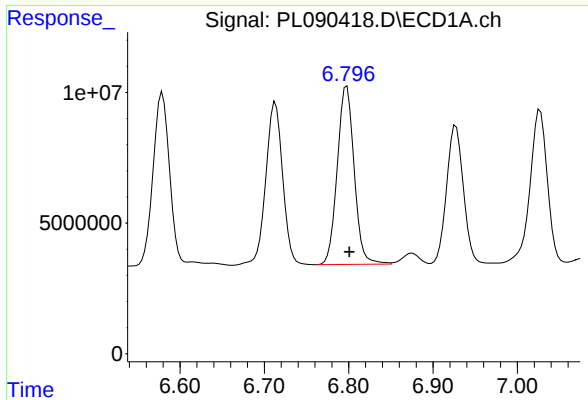
#14 Endrin

R.T.: 6.579 min
Delta R.T.: -0.003 min
Response: 89915288
Conc: 42.41 ng/ml



#14 Endrin

R.T.: 5.657 min
Delta R.T.: -0.002 min
Response: 78719841
Conc: 47.61 ng/ml



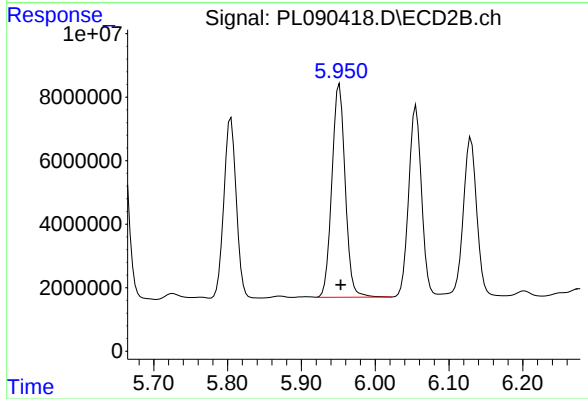
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: -0.003 min
Response: 94883537
Conc: 42.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-238MSD

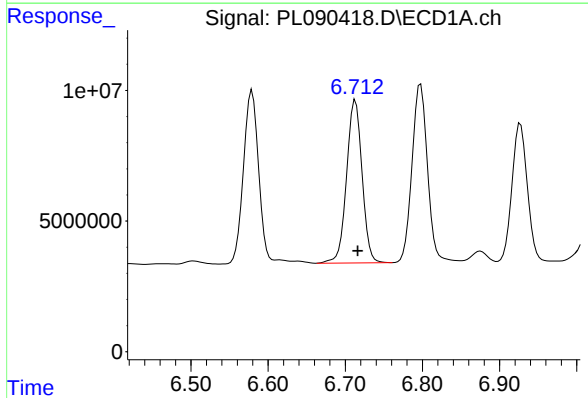
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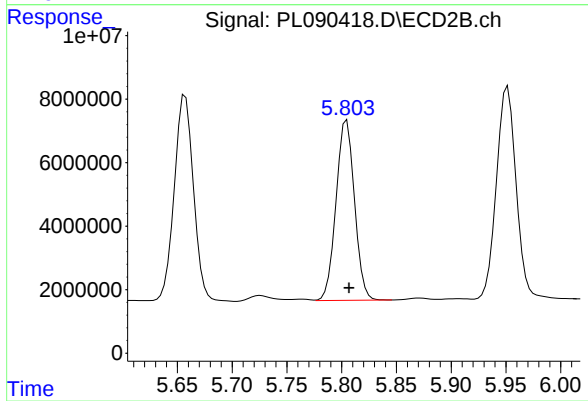
#15 Endosulfan II

R.T.: 5.952 min
Delta R.T.: -0.002 min
Response: 84278684
Conc: 51.37 ng/ml



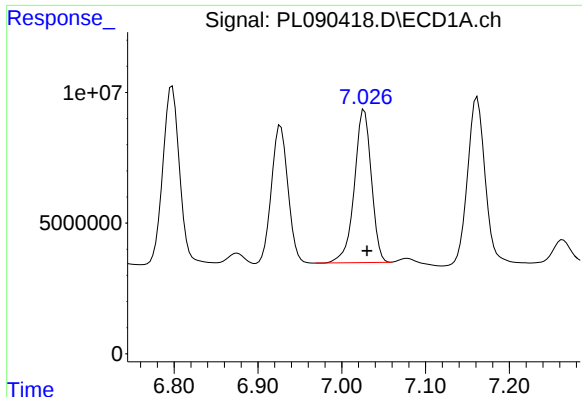
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.003 min
Response: 86650450
Conc: 47.30 ng/ml



#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: -0.002 min
Response: 66447163
Conc: 48.48 ng/ml



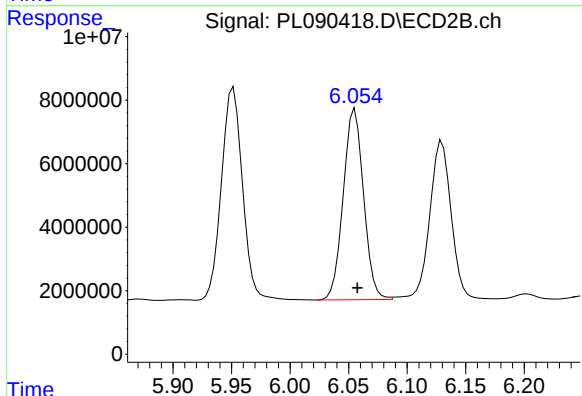
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: -0.003 min
Response: 82313937
Conc: 42.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-238MSD

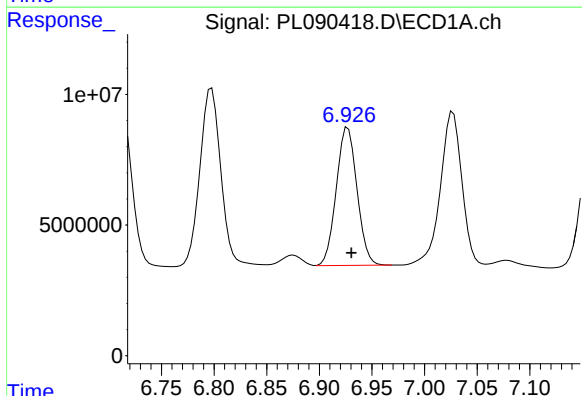
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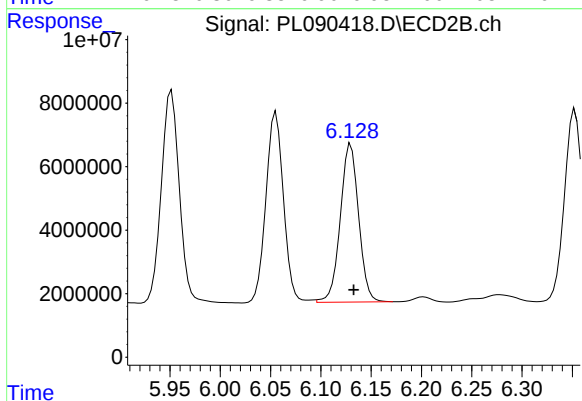
#17 4,4'-DDT

R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 72680391
Conc: 49.10 ng/ml



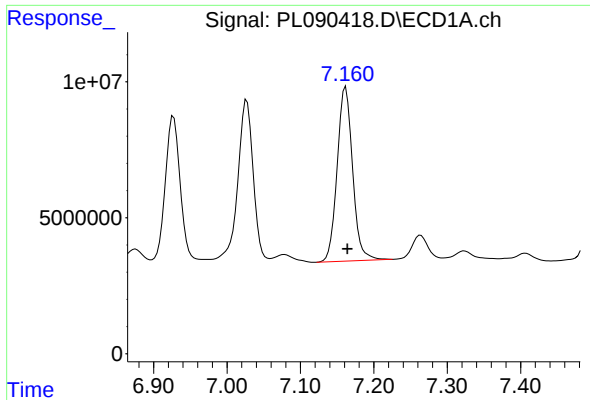
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.003 min
Response: 72499869
Conc: 42.94 ng/ml



#18 Endrin aldehyde

R.T.: 6.128 min
Delta R.T.: -0.004 min
Response: 63117868
Conc: 49.56 ng/ml m



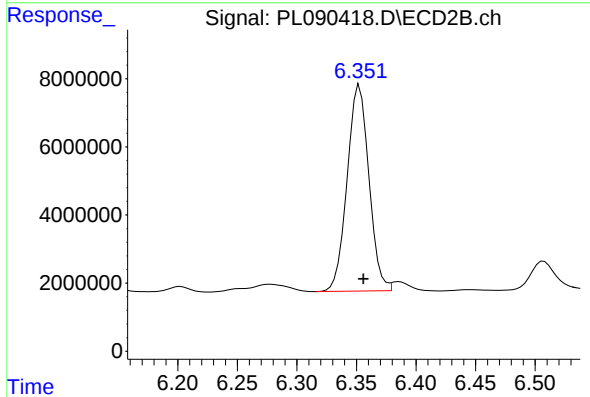
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: -0.002 min
Response: 93732338
Conc: 47.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-238MSD

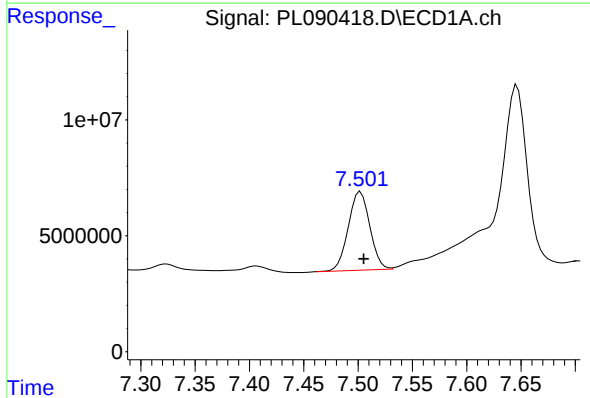
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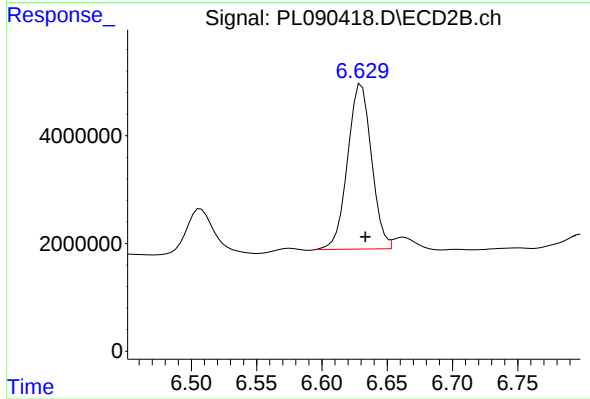
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: -0.003 min
Response: 77054360
Conc: 49.28 ng/ml



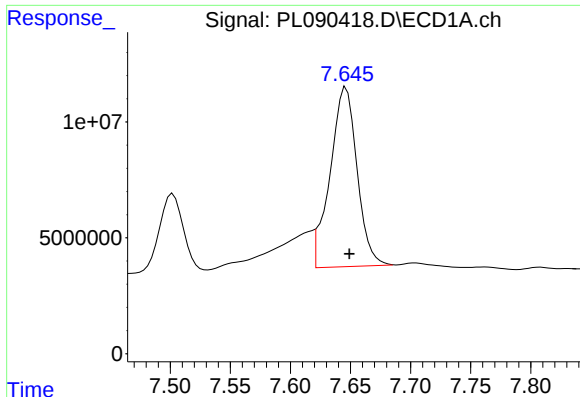
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.003 min
Response: 46675759
Conc: 45.29 ng/ml



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.004 min
Response: 39098707
Conc: 46.87 ng/ml m



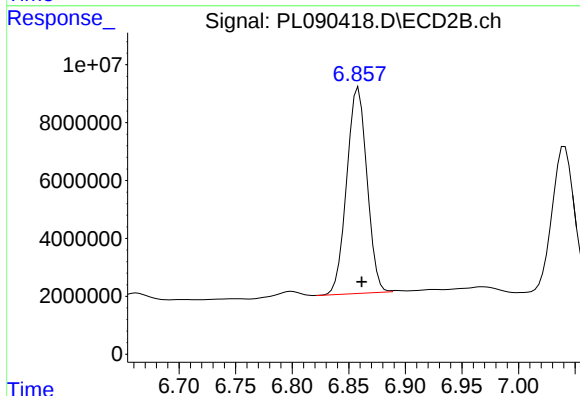
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.004 min
Response: 120192369
Conc: 55.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-238MSD

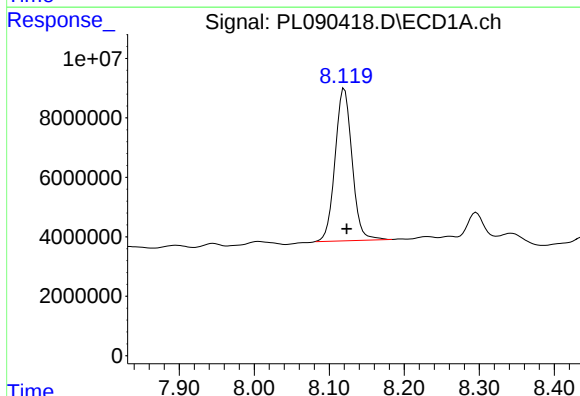
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/02/2024
Supervised By :Ankita Jodhani 07/02/2024



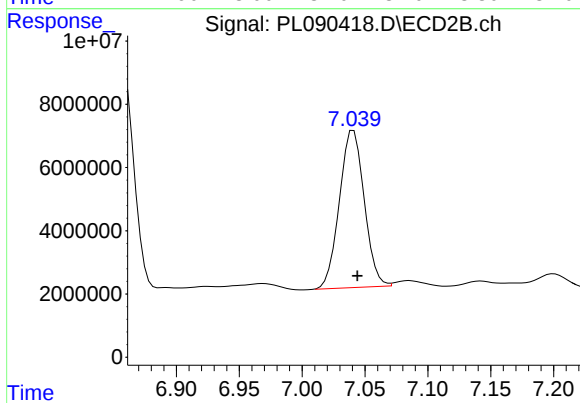
#21 Endrin ketone

R.T.: 6.859 min
Delta R.T.: -0.003 min
Response: 88625780
Conc: 49.50 ng/ml



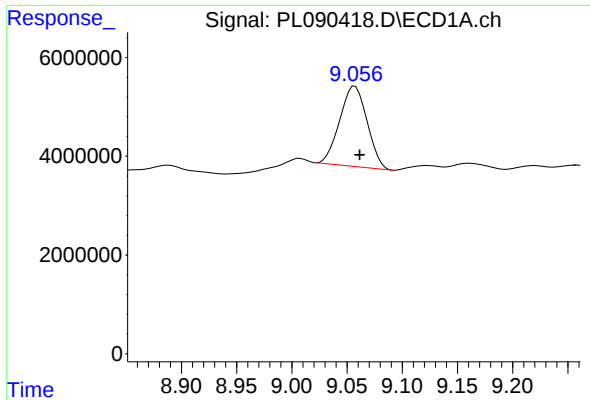
#22 Mirex

R.T.: 8.120 min
Delta R.T.: -0.003 min
Response: 80639845
Conc: 46.38 ng/ml



#22 Mirex

R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 68269050
Conc: 44.70 ng/ml



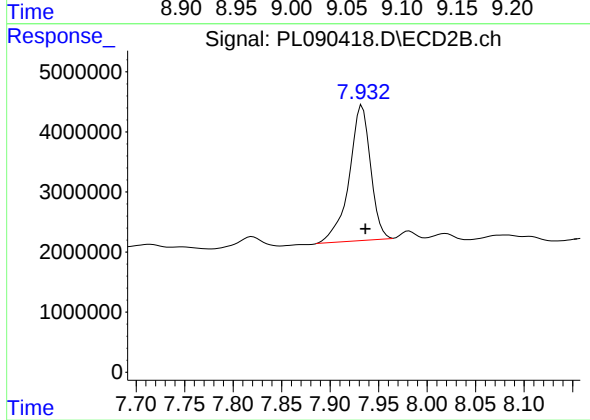
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: -0.006 min
Response: 28096416
Conc: 18.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-238MSD

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#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: -0.005 min
Response: 34574768
Conc: 23.18 ng/ml m