

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042924\
 Data File : PL089250.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2024 15:47
 Operator : AR\AJ
 Sample : P2270-03MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-240MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/30/2024
 Supervised By : mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 21:48:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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...	3.551	2.797	38833655	25045960	19.285	19.521
28) SA Decachlor...	9.062	7.947	17424464	18107312	12.455	13.461
Target Compounds						
2) A alpha-BHC	4.006	3.302	133.2E6	96474232	46.693	51.129
3) MA gamma-BHC...	4.338	3.632	125.4E6	91328140	45.060	49.493
4) MA Heptachlor	4.928	3.975	112.3E6	79352043	45.282	45.284m
5) MB Aldrin	5.270	4.257	107.8E6	146.9E6	41.987	83.081 #
6) B beta-BHC	4.533	3.930	67685614	38815102	53.652	47.541
7) B delta-BHC	4.780	4.162	118.9E6	114.5E6	44.825	63.615 #
8) B Heptachlo...	5.690	4.757	205.0E6	85988688	87.402m	53.186m#
9) A Endosulfan I	6.080	5.129	103.8E6	72811735	48.289	48.616
10) B gamma-Chl...	5.949	5.008	209.8E6	93297327	91.775	56.856m#
11) B alpha-Chl...	6.030	5.076	109.8E6	158.9E6	48.291	96.327 #
12) B 4,4'-DDE	6.201	5.261	136.8E6	76283204	67.631	52.465m
13) MA Dieldrin	6.354	5.393	102.9E6	142.5E6	45.983m	88.596m#
14) MA Endrin	6.584	5.668	128.8E6	78865184	67.971	54.856m
15) B Endosulfa...	6.802	5.960	86187070	108.9E6	43.184	75.724 #
16) A 4,4'-DDD	6.718	5.817	90672869	78803899	53.748	63.900
17) MA 4,4'-DDT	7.031	6.066	84154990	83036994	45.762m	61.373m#
18) B Endrin al...	6.933	6.142	67086457	50690392	44.361	45.572
19) B Endosulfa...	7.166	6.363	85609992	72270300	47.328	52.099m
20) A Methoxychlor	7.506	6.641	42702601	34912544	43.423	43.663m
21) B Endrin ke...	7.651	6.869	98025482	75159746	48.973	47.004m
22) Mirex	8.126	7.054	71422492	64927597	45.957	47.593

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042924\
Data File : PL089250.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2024 15:47
Operator : AR\AJ
Sample : P2270-03MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

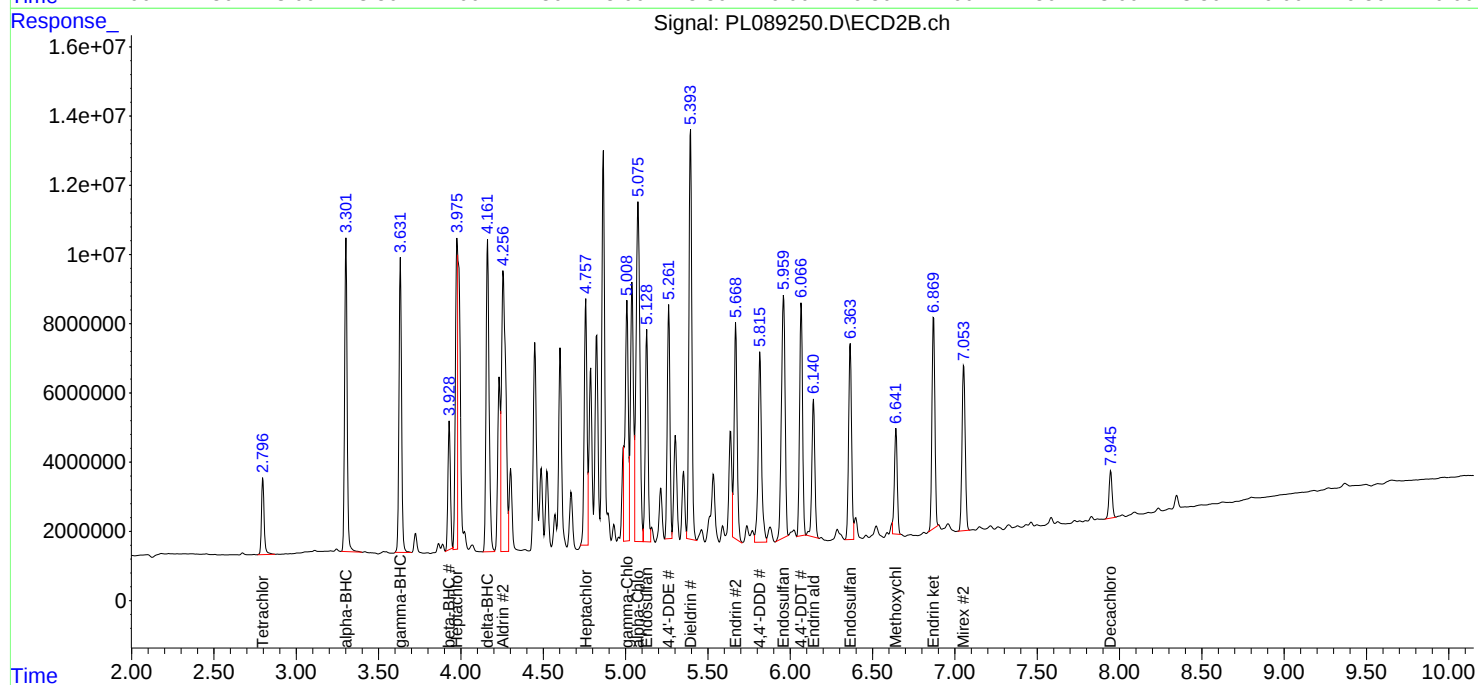
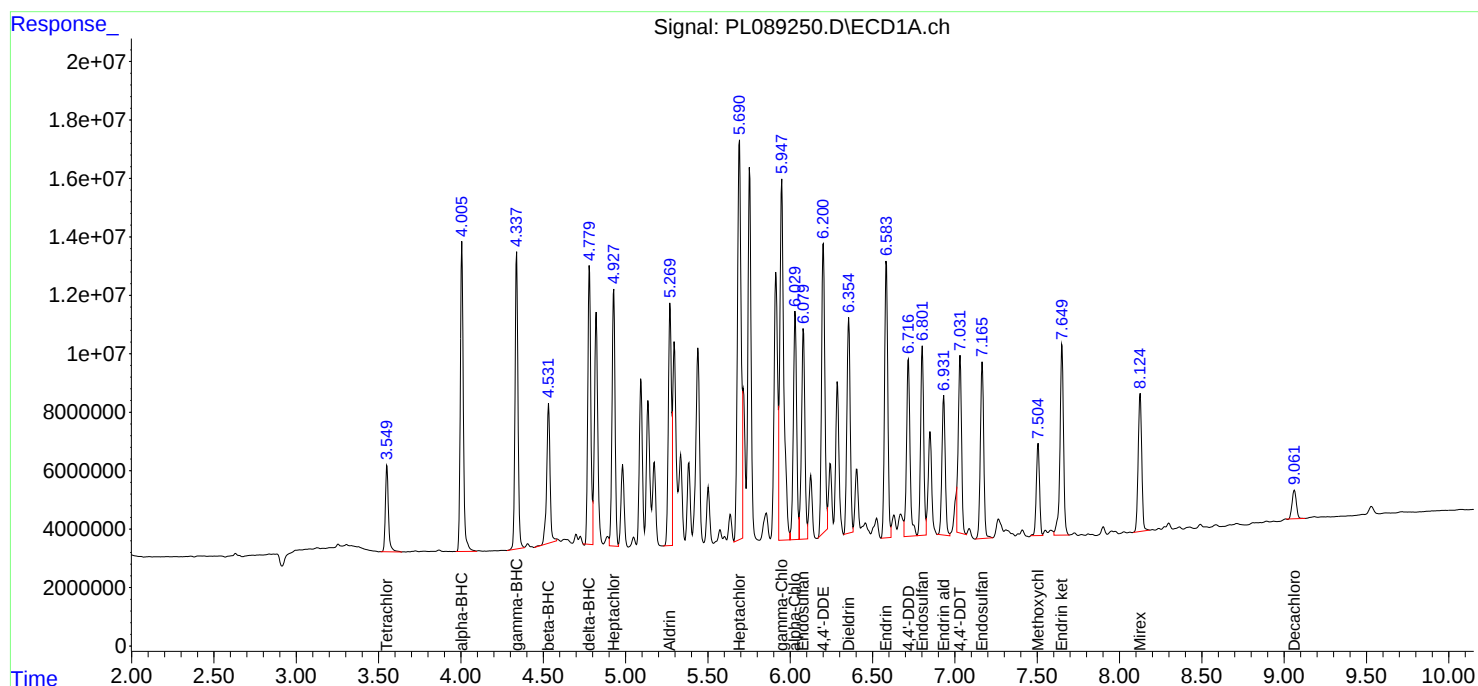
Instrument :
ECD_L
ClientSampleId :
VNJ-240MSD

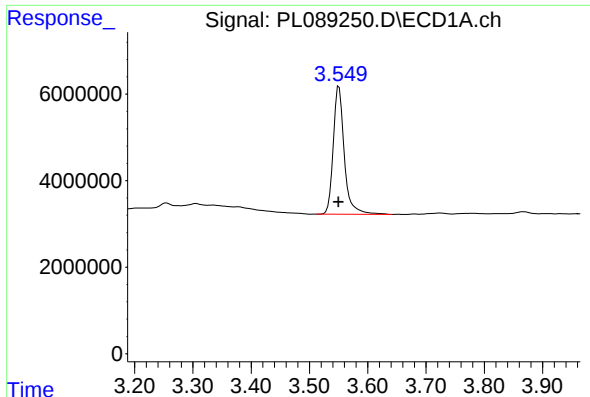
Manual Integrations
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Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 21:48:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 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





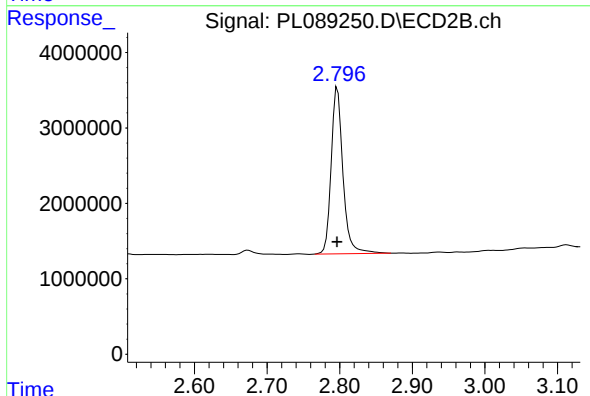
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 38833655
Conc: 19.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MSD

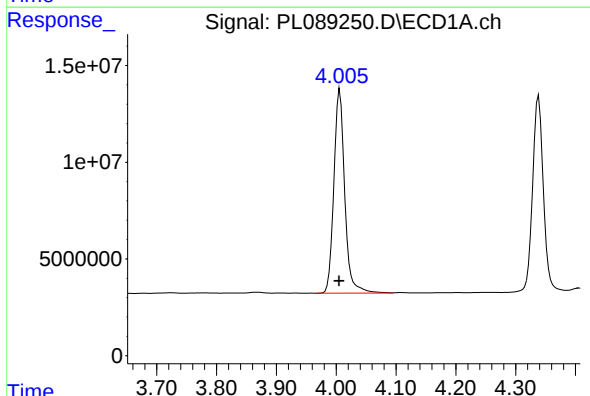
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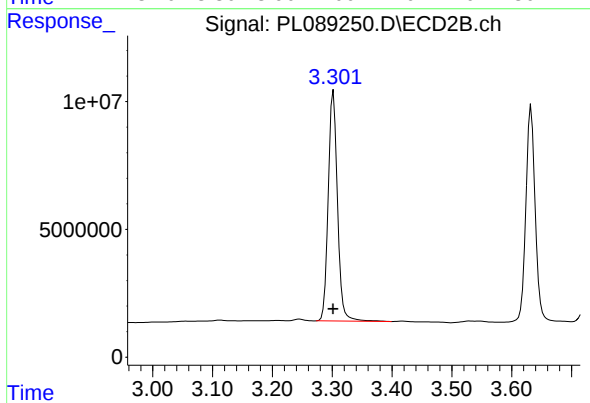
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 25045960
Conc: 19.52 ng/ml



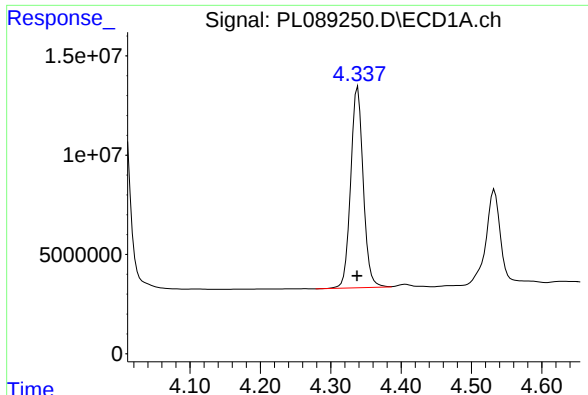
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 133159659
Conc: 46.69 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 96474232
Conc: 51.13 ng/ml



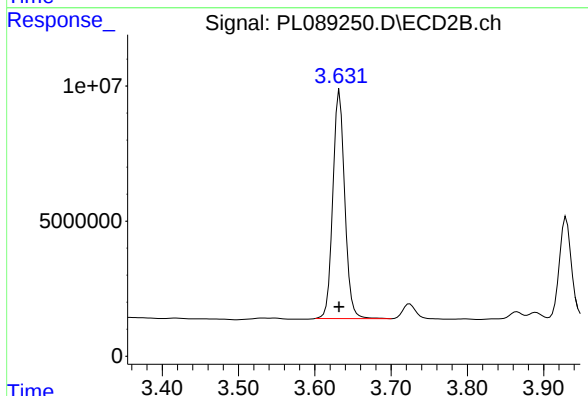
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 125444563
Conc: 45.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MSD

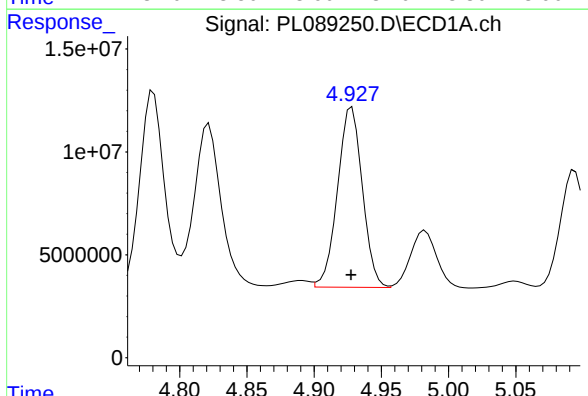
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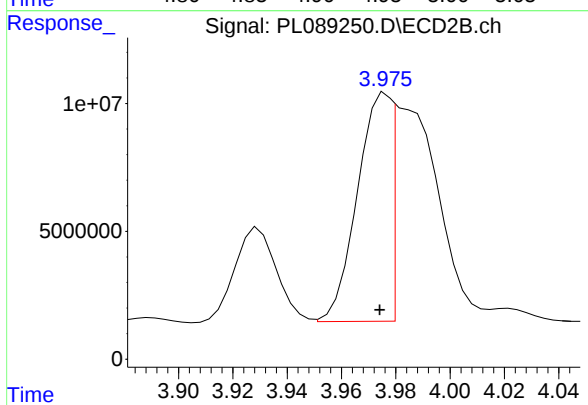
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 91328140
Conc: 49.49 ng/ml



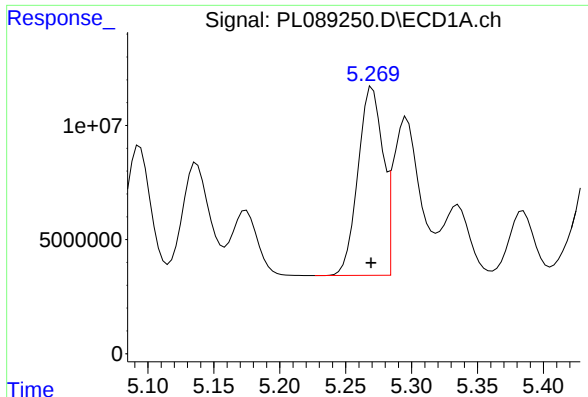
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 112305320
Conc: 45.28 ng/ml



#4 Heptachlor

R.T.: 3.975 min
Delta R.T.: 0.001 min
Response: 79352043
Conc: 45.28 ng/ml m



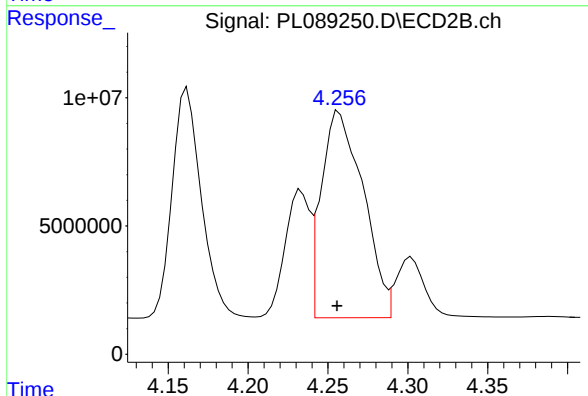
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.001 min
Response: 107832129
Conc: 41.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MSD

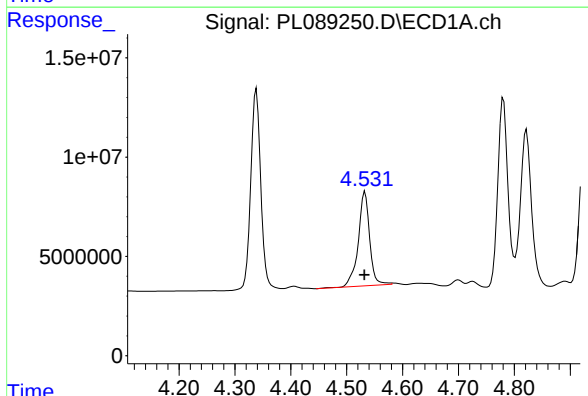
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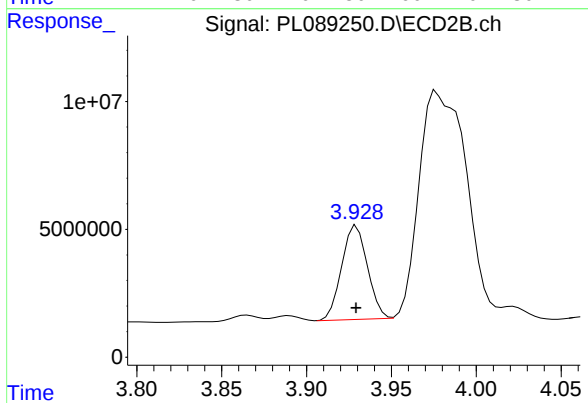
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: 0.001 min
Response: 146871218
Conc: 83.08 ng/ml



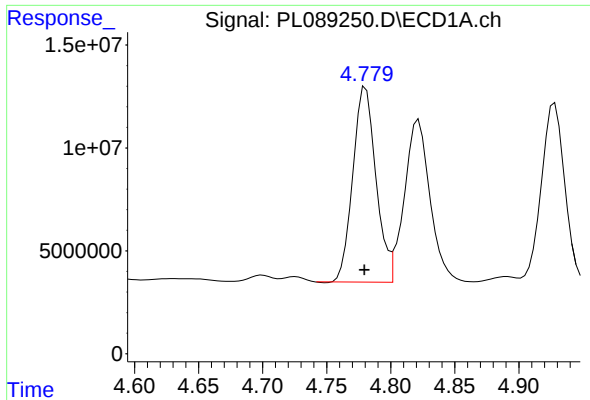
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.001 min
Response: 67685614
Conc: 53.65 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 38815102
Conc: 47.54 ng/ml



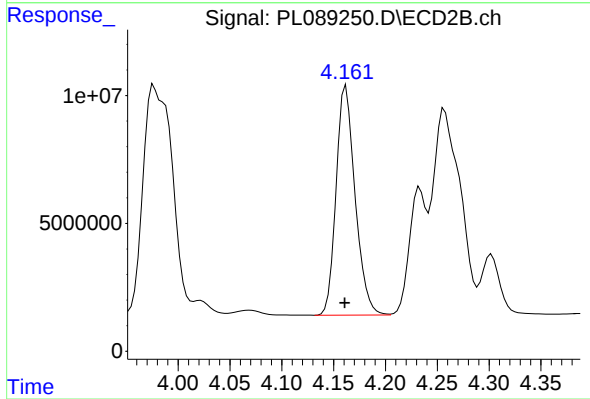
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.001 min
Response: 118879100
Conc: 44.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MSD

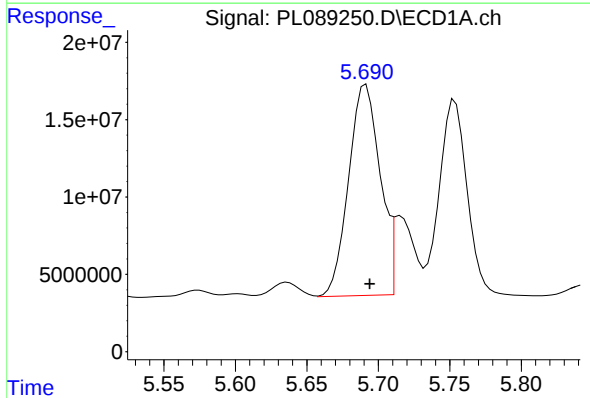
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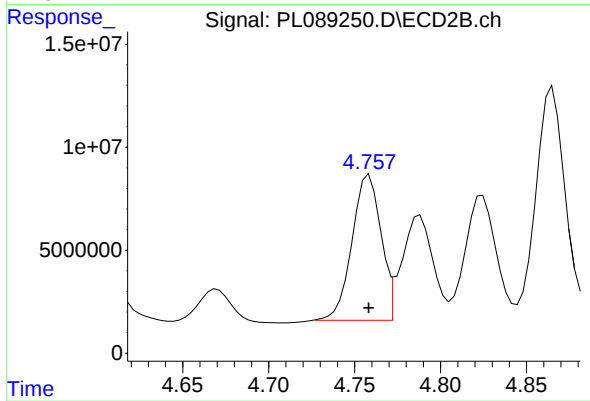
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.001 min
Response: 114455404
Conc: 63.61 ng/ml



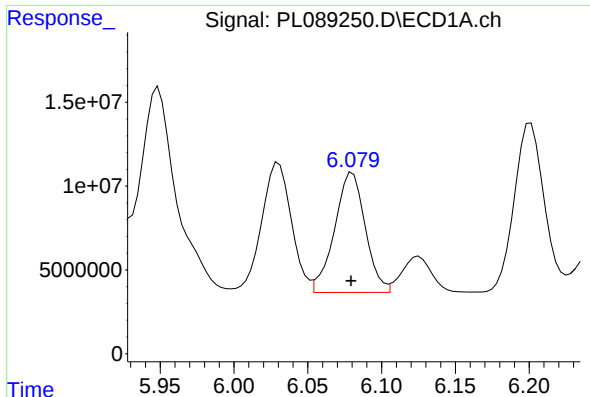
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.004 min
Response: 204997530
Conc: 87.40 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 85988688
Conc: 53.19 ng/ml m



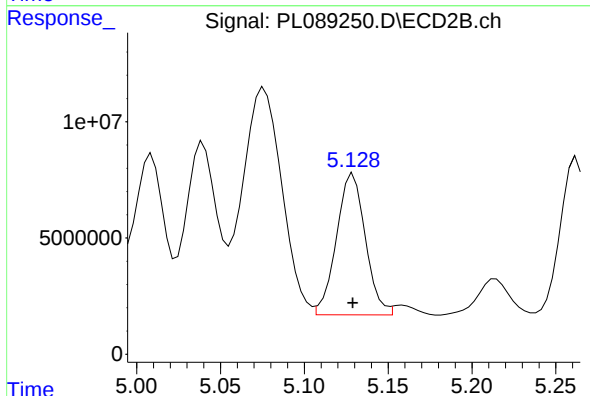
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: 0.001 min
Response: 103810577
Conc: 48.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MSD

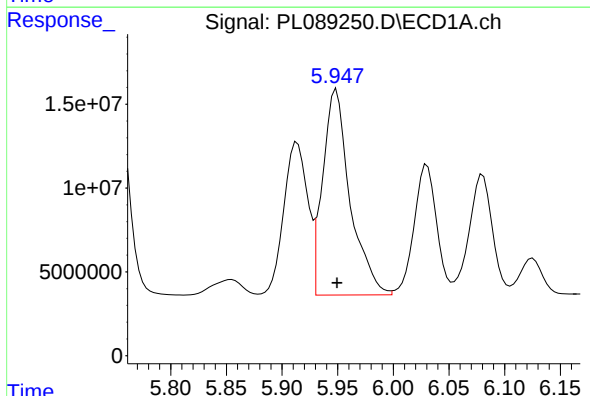
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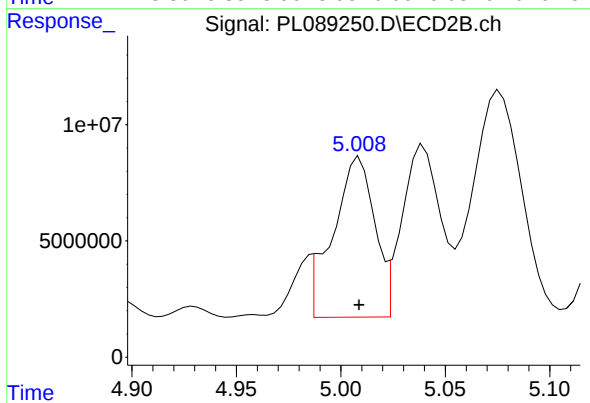
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 72811735
Conc: 48.62 ng/ml



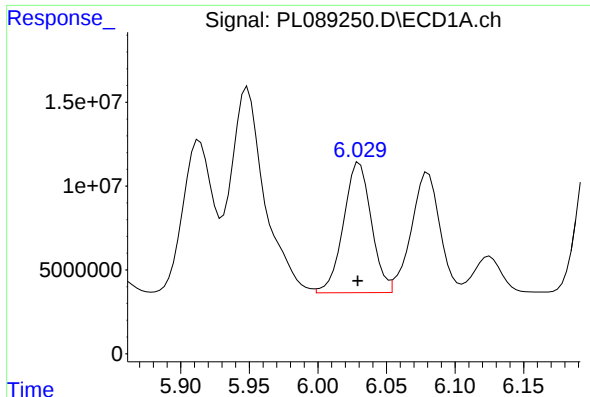
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 209789876
Conc: 91.78 ng/ml



#10 gamma-Chlordane

R.T.: 5.008 min
Delta R.T.: -0.001 min
Response: 93297327
Conc: 56.86 ng/ml m



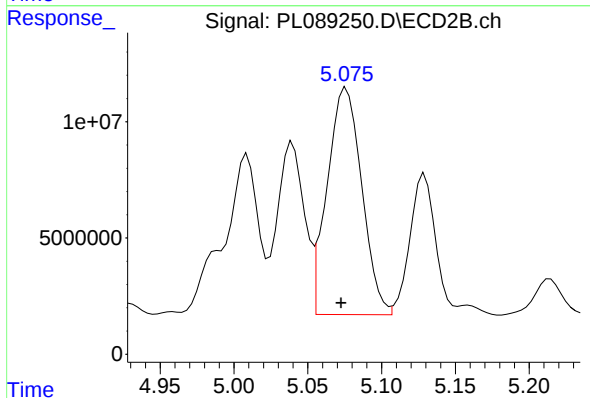
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.001 min
Response: 109847851
Conc: 48.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MSD

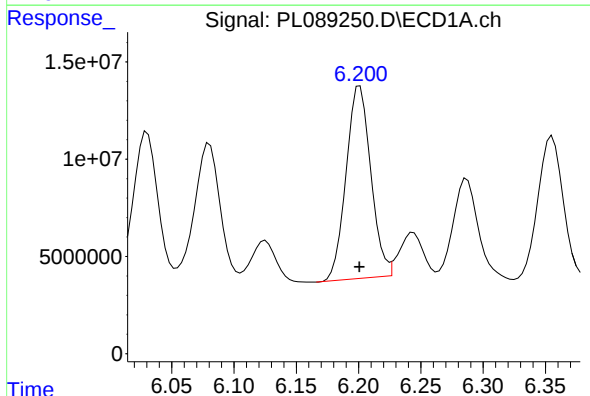
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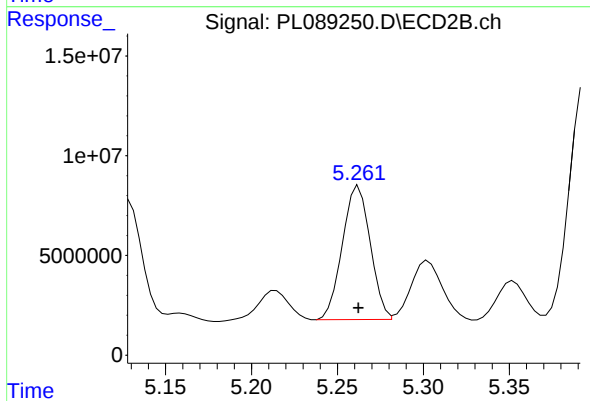
#11 alpha-Chlordane

R.T.: 5.076 min
Delta R.T.: 0.003 min
Response: 158861777
Conc: 96.33 ng/ml



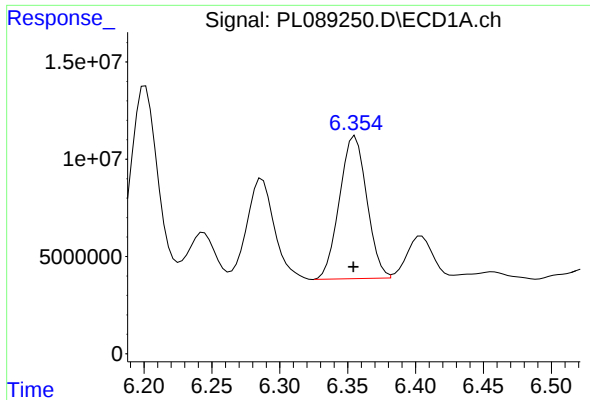
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 136842291
Conc: 67.63 ng/ml



#12 4,4'-DDE

R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 76283204
Conc: 52.47 ng/ml m



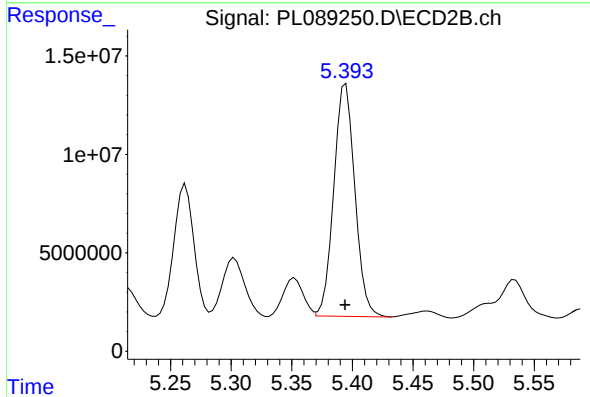
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 102930421
Conc: 45.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MSD

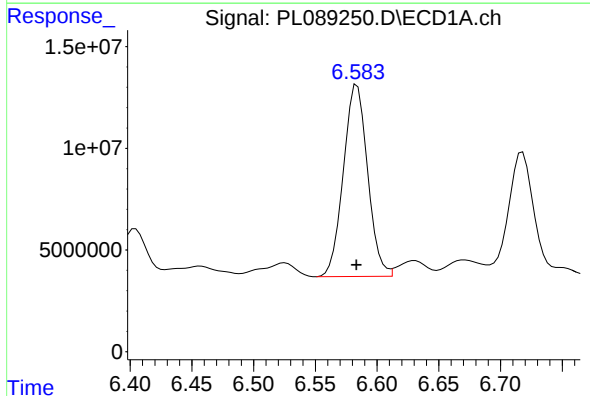
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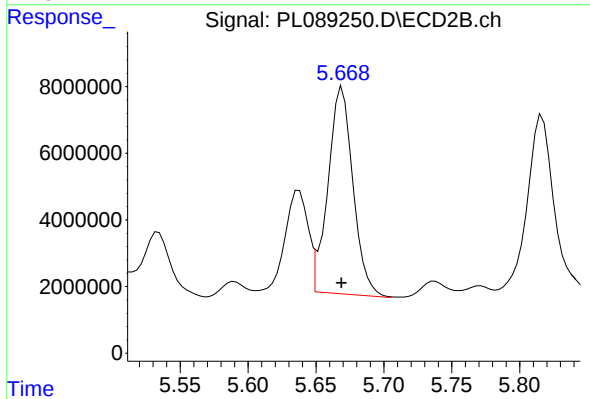
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: 0.000 min
Response: 142525775
Conc: 88.60 ng/ml m



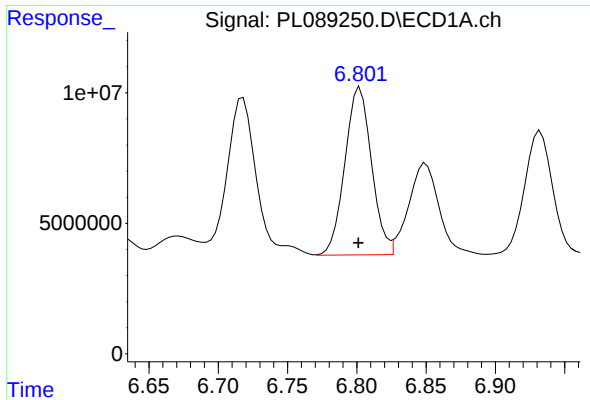
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 128759075
Conc: 67.97 ng/ml



#14 Endrin

R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 78865184
Conc: 54.86 ng/ml m



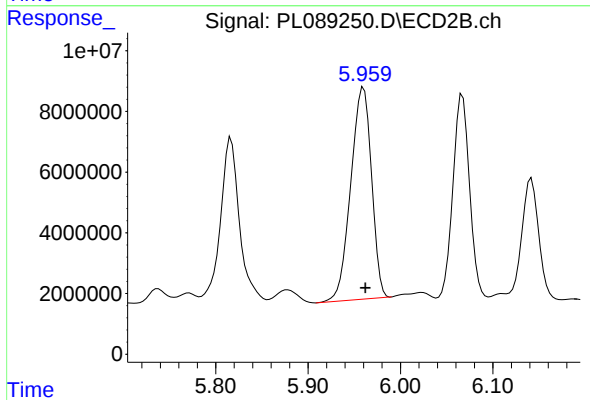
#15 Endosulfan II

R.T.: 6.802 min
Delta R.T.: 0.001 min
Response: 86187070
Conc: 43.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MSD

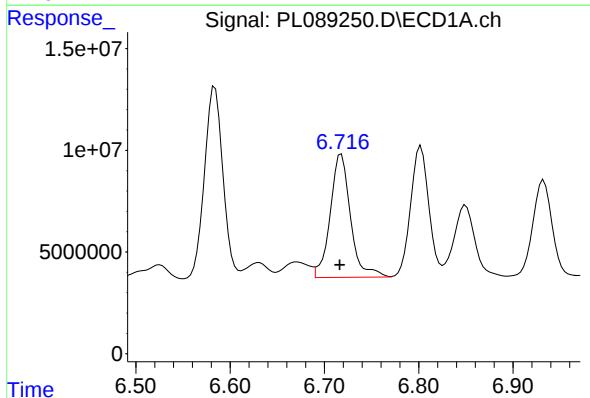
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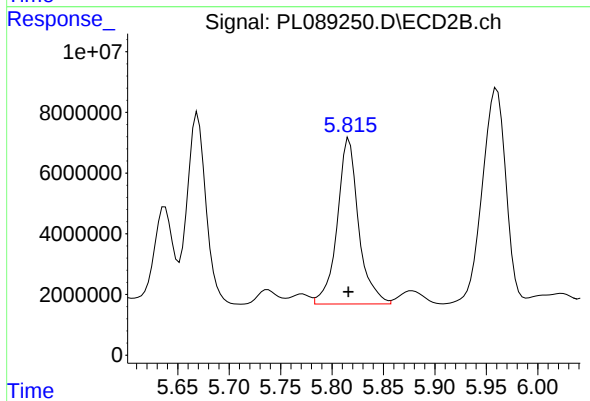
#15 Endosulfan II

R.T.: 5.960 min
Delta R.T.: -0.002 min
Response: 108915684
Conc: 75.72 ng/ml



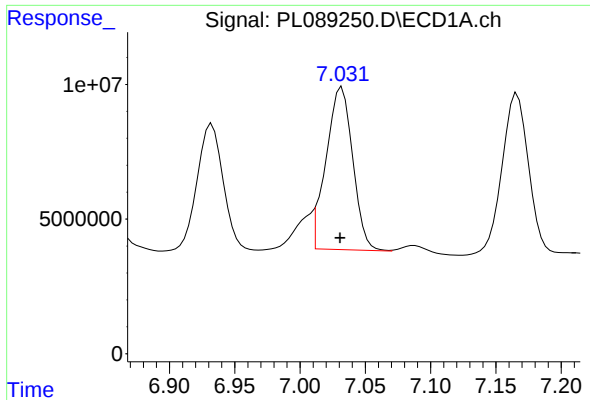
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 90672869
Conc: 53.75 ng/ml



#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 78803899
Conc: 63.90 ng/ml



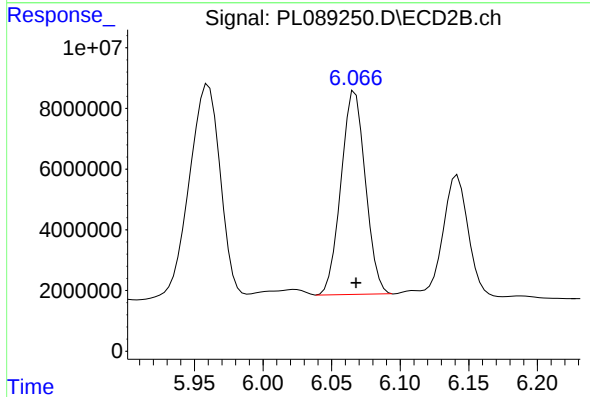
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 84154990
Conc: 45.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MSD

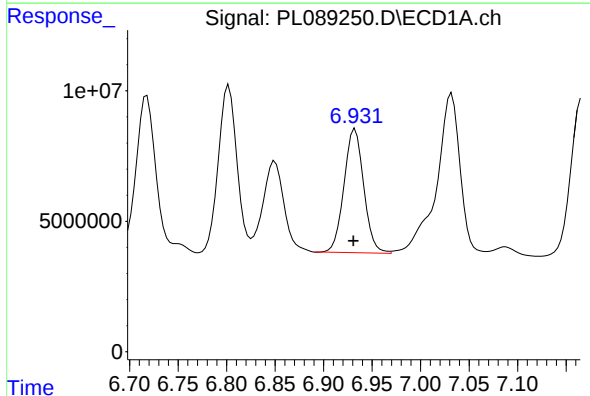
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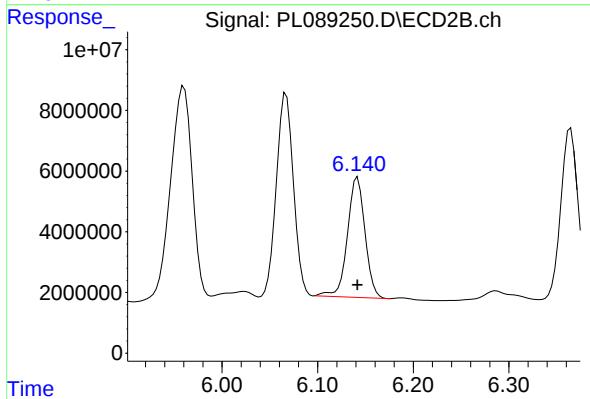
#17 4,4'-DDT

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 83036994
Conc: 61.37 ng/ml m



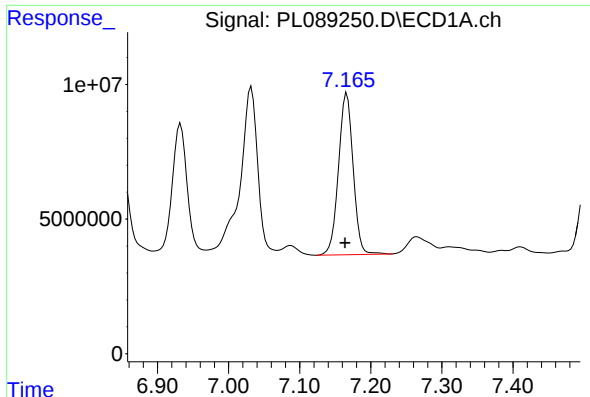
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.002 min
Response: 67086457
Conc: 44.36 ng/ml



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 50690392
Conc: 45.57 ng/ml



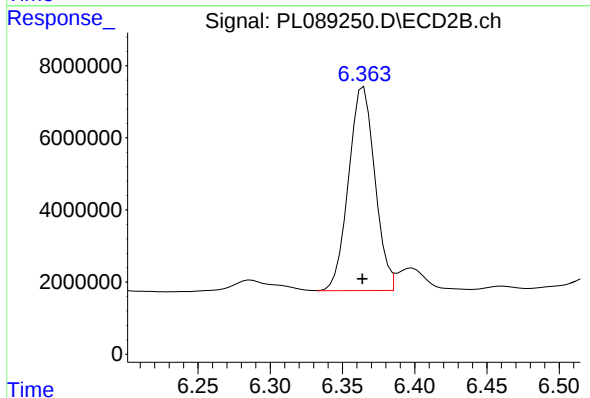
#19 Endosulfan Sulfate

R.T.: 7.166 min
Delta R.T.: 0.002 min
Response: 85609992
Conc: 47.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MSD

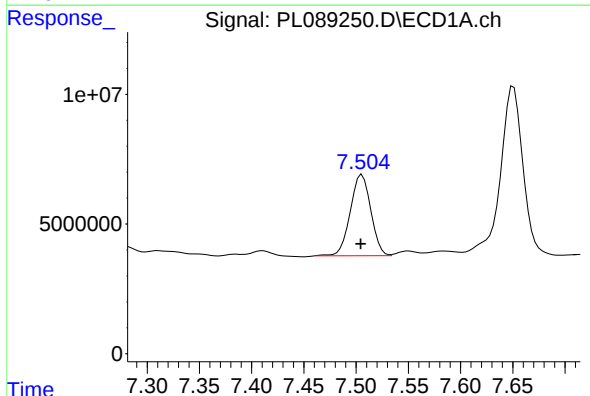
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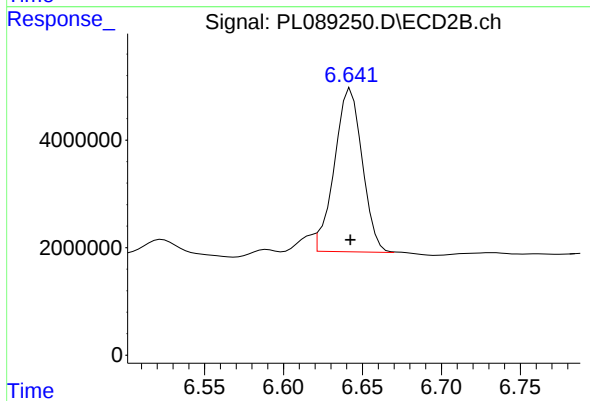
#19 Endosulfan Sulfate

R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 72270300
Conc: 52.10 ng/ml m



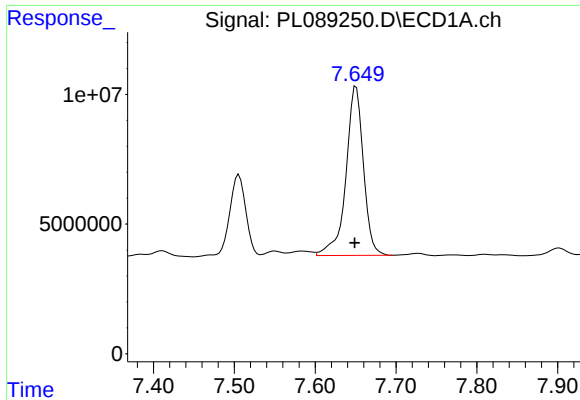
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.001 min
Response: 42702601
Conc: 43.42 ng/ml



#20 Methoxychlor

R.T.: 6.641 min
Delta R.T.: -0.001 min
Response: 34912544
Conc: 43.66 ng/ml m



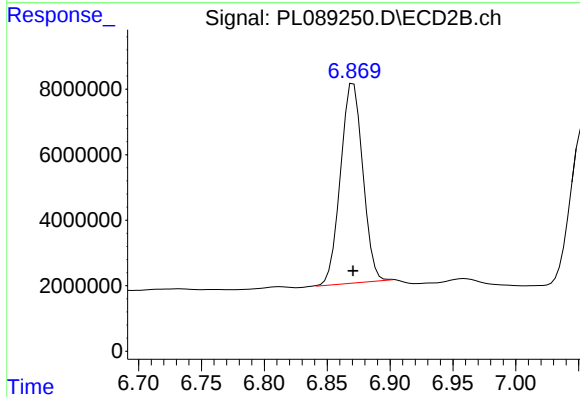
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: 0.002 min
Response: 98025482
Conc: 48.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MSD

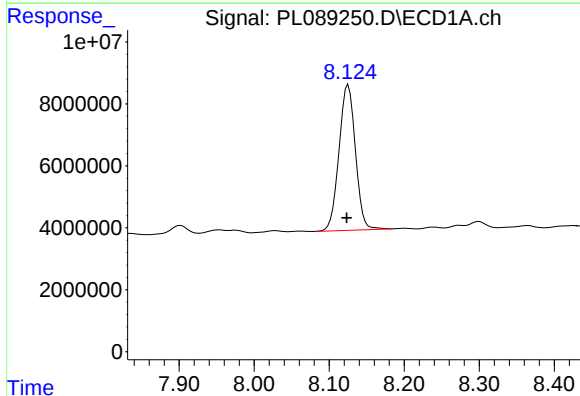
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024



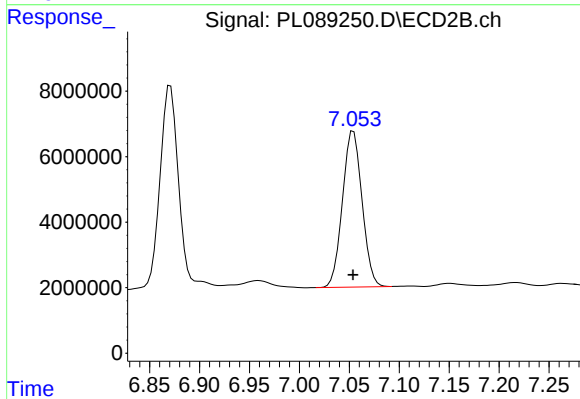
#21 Endrin ketone

R.T.: 6.869 min
Delta R.T.: -0.001 min
Response: 75159746
Conc: 47.00 ng/ml m



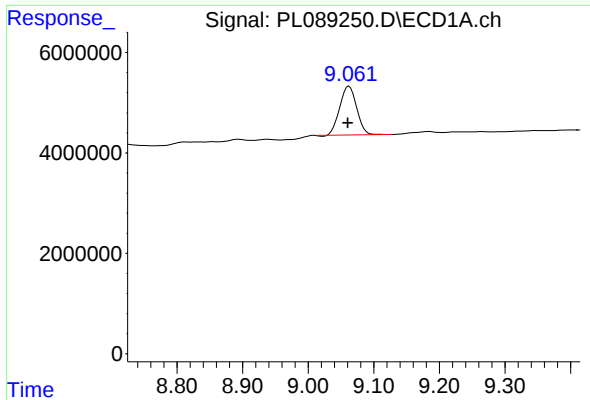
#22 Mirex

R.T.: 8.126 min
Delta R.T.: 0.002 min
Response: 71422492
Conc: 45.96 ng/ml



#22 Mirex

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 64927597
Conc: 47.59 ng/ml



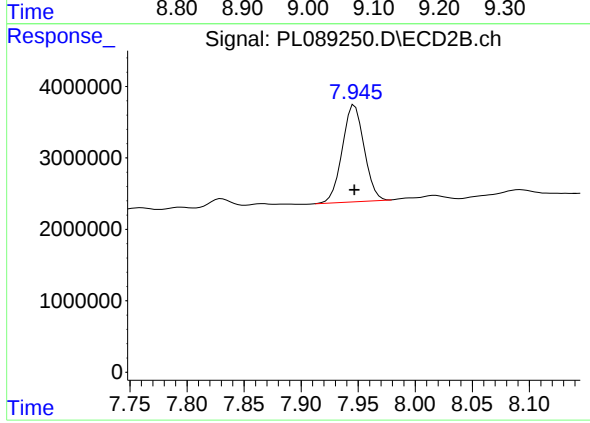
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.002 min
Response: 17424464
Conc: 12.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MSD

Manual Integrations
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Supervised By :mohammad ahmed 05/02/2024



#28 Decachlorobiphenyl

R.T.: 7.947 min
Delta R.T.: 0.000 min
Response: 18107312
Conc: 13.46 ng/ml