

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042924\
 Data File : PL089249.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2024 15:34
 Operator : AR\AJ
 Sample : P2270-03MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-240MS

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 21:48:18 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	38899028	25090701	19.317	19.556
28)	SA Decachlor...	9.062	7.947	17917118	18100104	12.807	13.455
Target Compounds							
2)	A alpha-BHC	4.007	3.302	134.9E6	97518040	47.312	51.682
3)	MA gamma-BHC...	4.338	3.633	127.1E6	92389597	45.671	50.069
4)	MA Heptachlor	4.928	3.976	114.8E6	169.2E6	46.308	96.565 #
5)	MB Aldrin	5.270	4.257	109.4E6	148.4E6	42.590	83.944 #
6)	B beta-BHC	4.531	3.930	66002034	38612787	52.318m	47.293
7)	B delta-BHC	4.781	4.162	120.3E6	115.3E6	45.350	64.087 #
8)	B Heptachlo...	5.690	4.757	202.4E6	82911813	86.297m	51.283m#
9)	A Endosulfan I	6.080	5.129	105.4E6	73278495	49.021	48.928
10)	B gamma-Chl...	5.949	5.008	212.0E6	99384757	92.763	60.566m#
11)	B alpha-Chl...	6.030	5.076	111.4E6	159.2E6	48.986	96.556 #
12)	B 4,4'-DDE	6.202	5.261	137.9E6	76255208	68.173	52.446m
13)	MA Dieldrin	6.354	5.393	105.1E6	144.3E6	46.971m	89.694m#
14)	MA Endrin	6.584	5.668	129.6E6	79712778	68.392	55.446m
15)	B Endosulfa...	6.802	5.960	87085002	109.2E6	43.634	75.928 #
16)	A 4,4'-DDD	6.718	5.815	92219241	75552343	54.665	61.263m
17)	MA 4,4'-DDT	7.030	6.066	88705179	82842398	48.236m	61.229m#
18)	B Endrin al...	6.932	6.142	70512395	53622621	46.626	48.208
19)	B Endosulfa...	7.166	6.363	86999696	72715122	48.096	52.420m
20)	A Methoxychlor	7.505	6.641	44077350	37146286	44.821	46.457m
21)	B Endrin ke...	7.651	6.870	100.7E6	78129518	50.331	48.862
22)	Mirex	8.126	7.054	72510990	64793116	46.658	47.494

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042924\
Data File : PL089249.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2024 15:34
Operator : AR\AJ
Sample : P2270-03MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

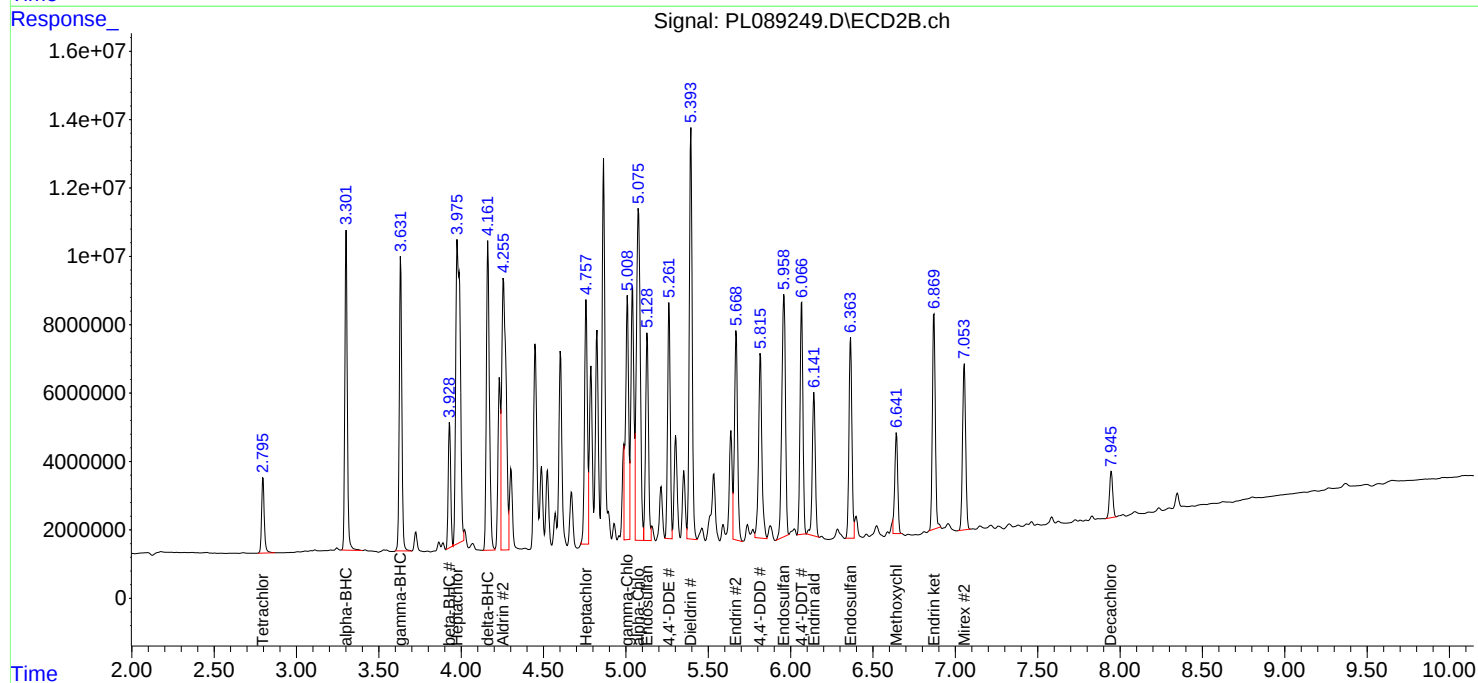
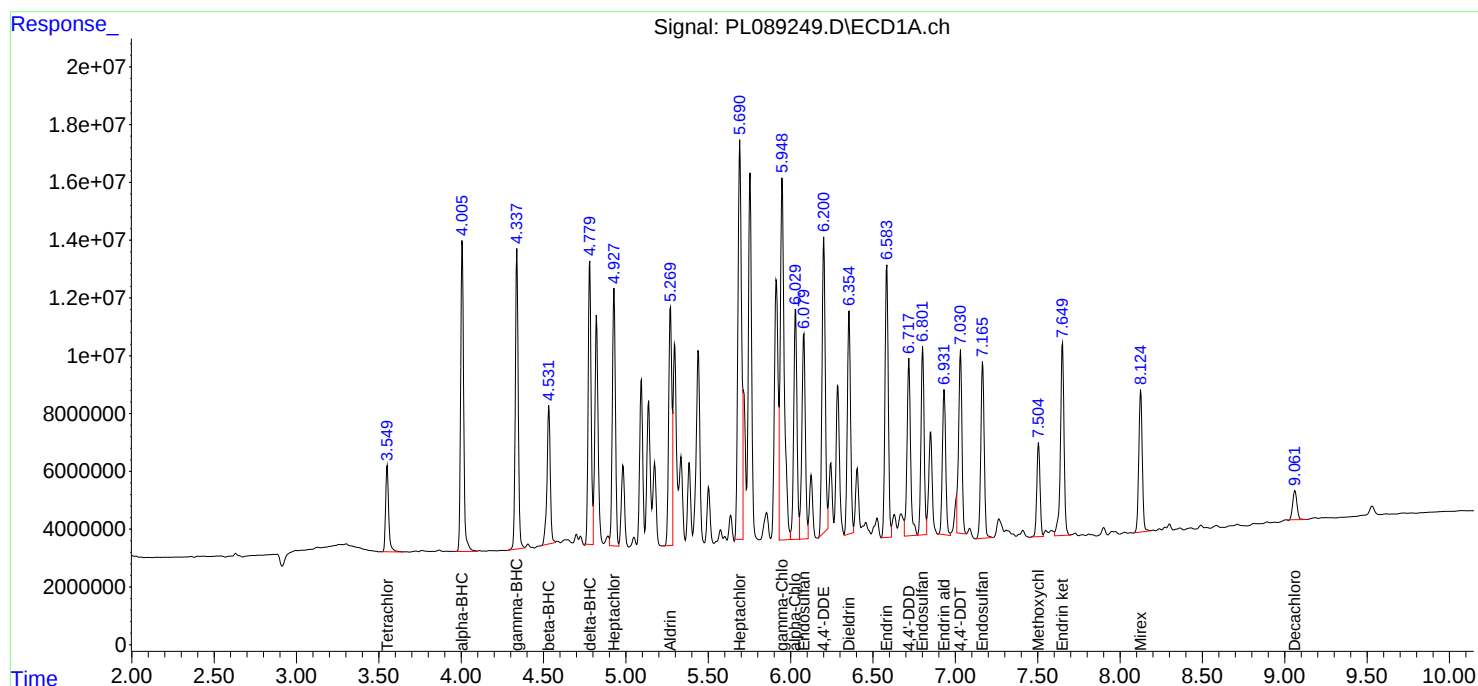
Instrument :
ECD_L
ClientSampleId :
VNJ-240MS

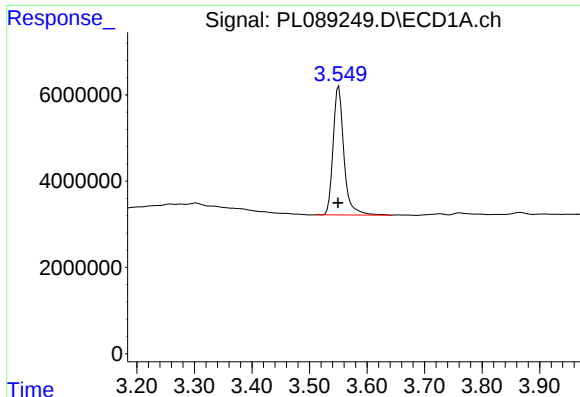
Manual Integrations
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Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 21:48:18 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: 38899028
Conc: 19.32 ng/ml

Instrument :

ECD_L

ClientSampleId :

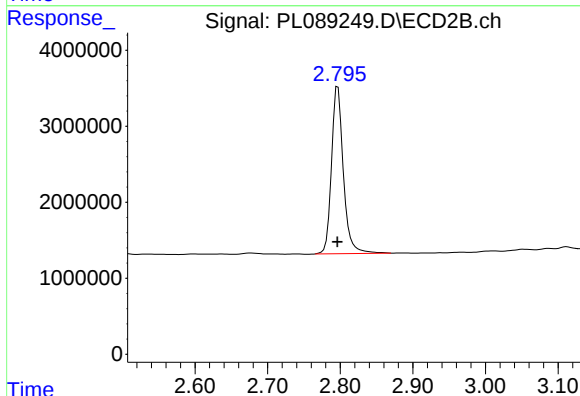
VNJ-240MS

Manual Integrations

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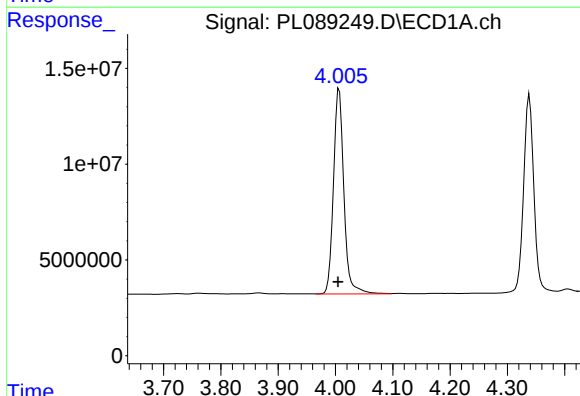
Reviewed By :Abdul Mirza 04/30/2024

Supervised By :mohammad ahmed 05/02/2024



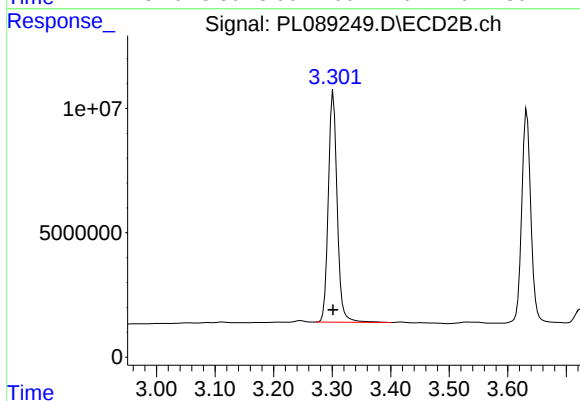
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 25090701
Conc: 19.56 ng/ml



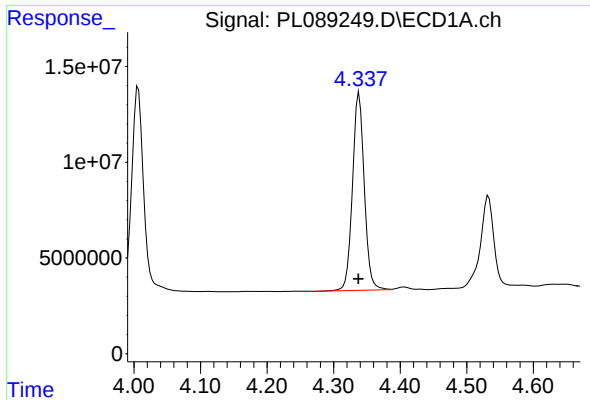
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.002 min
Response: 134924928
Conc: 47.31 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 97518040
Conc: 51.68 ng/ml



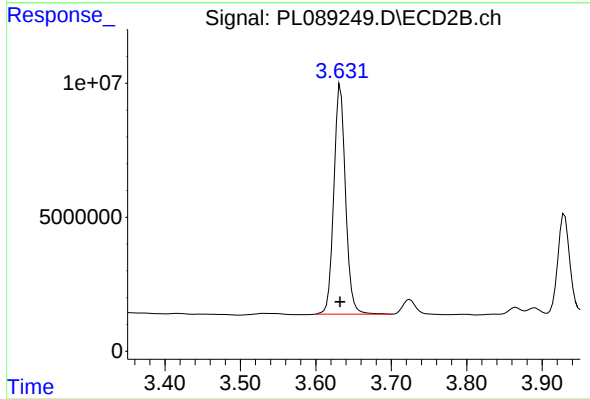
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 127145130
Conc: 45.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MS

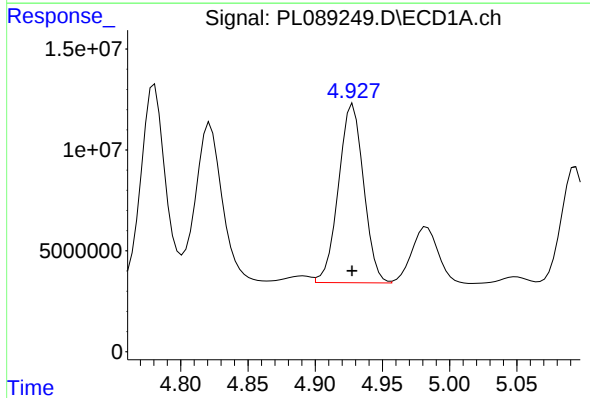
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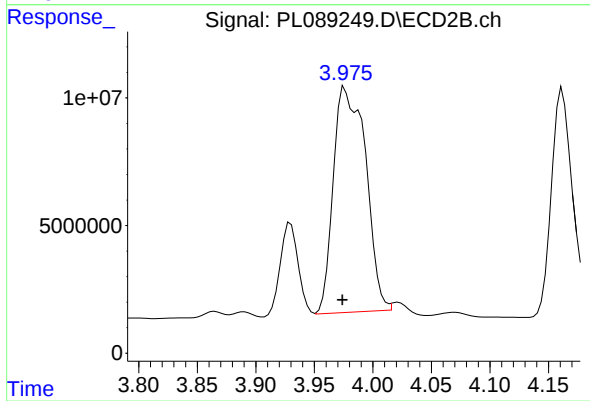
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 92389597
Conc: 50.07 ng/ml



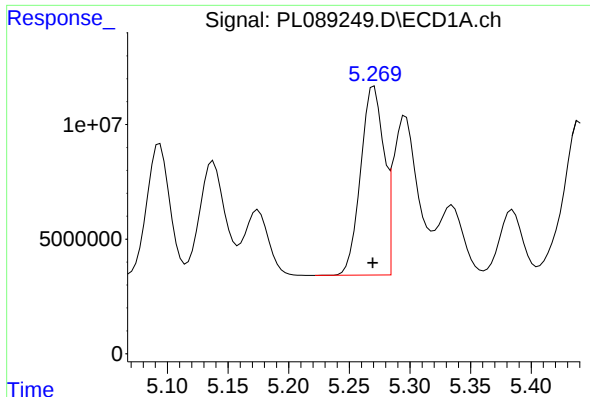
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 114849552
Conc: 46.31 ng/ml



#4 Heptachlor

R.T.: 3.976 min
Delta R.T.: 0.002 min
Response: 169211459
Conc: 96.57 ng/ml



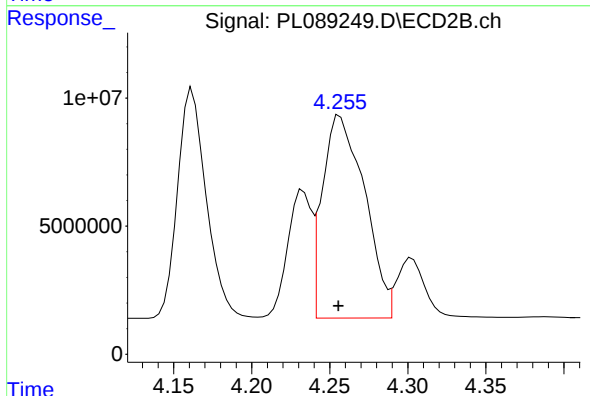
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.001 min
Response: 109380803
Conc: 42.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MS

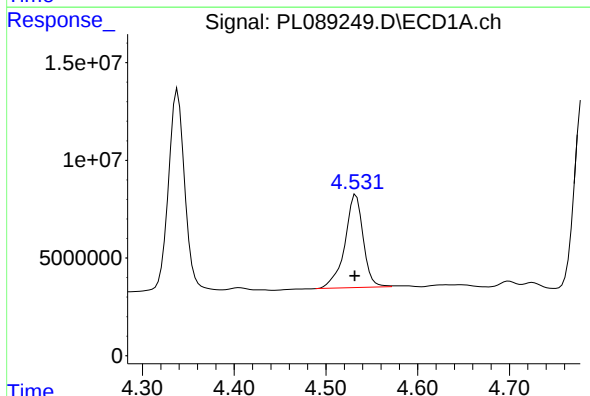
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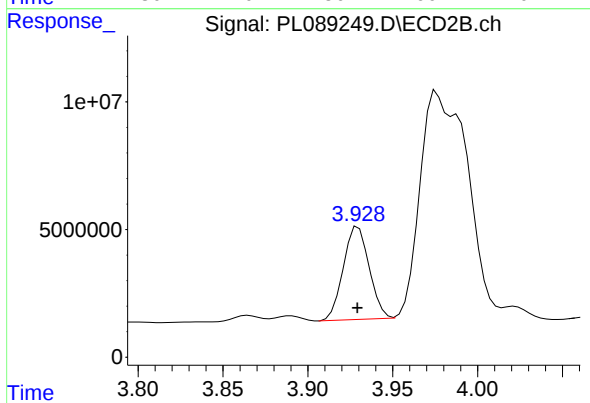
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 148397845
Conc: 83.94 ng/ml



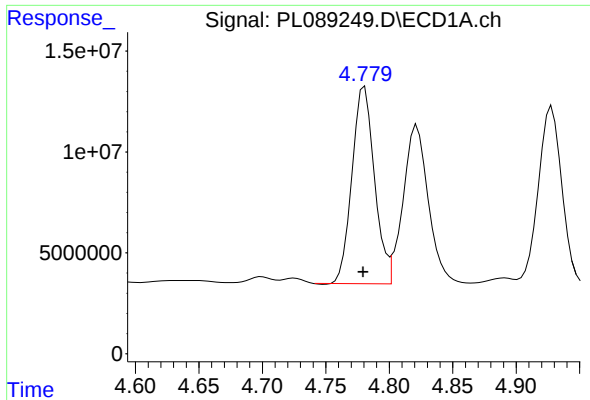
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 66002034
Conc: 52.32 ng/ml m



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 38612787
Conc: 47.29 ng/ml



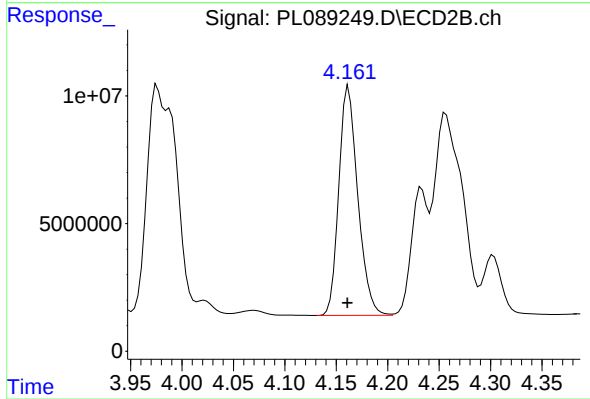
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.001 min
Response: 120270096
Conc: 45.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MS

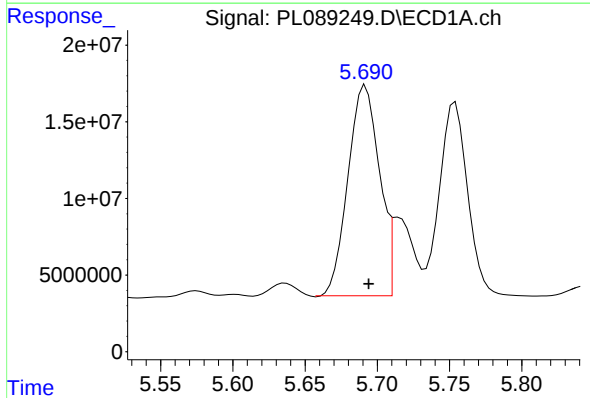
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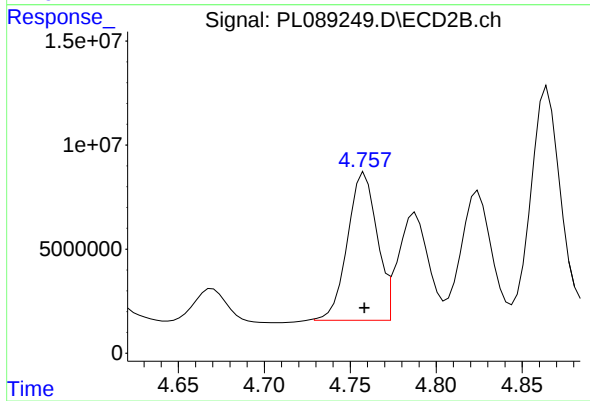
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.001 min
Response: 115305714
Conc: 64.09 ng/ml



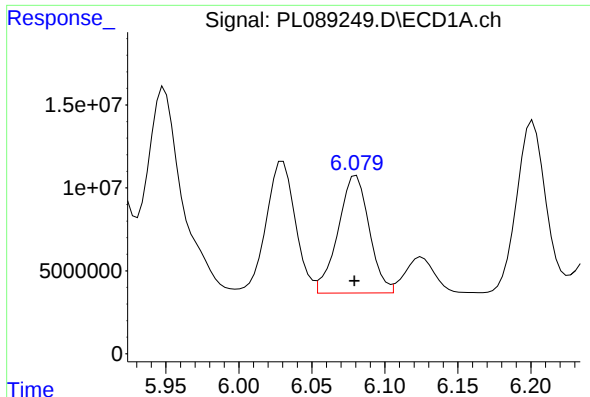
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.004 min
Response: 202406514
Conc: 86.30 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.757 min
Delta R.T.: -0.001 min
Response: 82911813
Conc: 51.28 ng/ml m



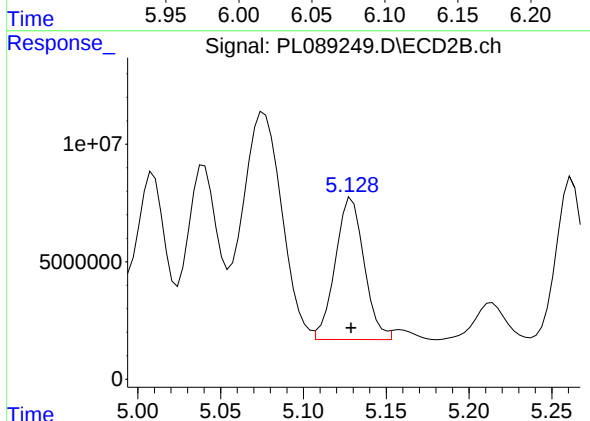
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: 0.001 min
Response: 105384859
Conc: 49.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MS

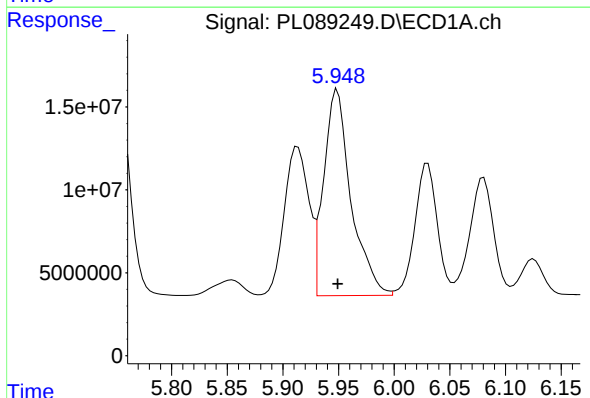
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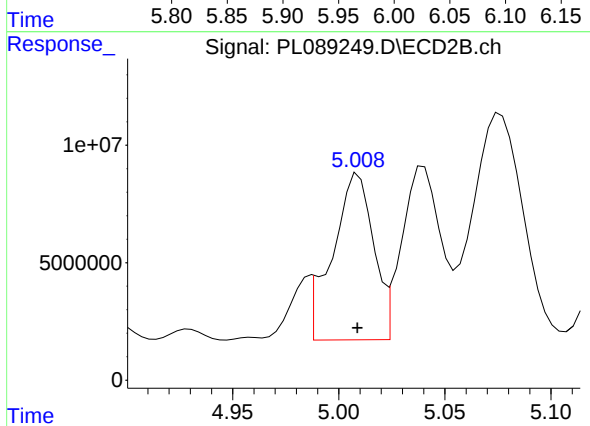
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 73278495
Conc: 48.93 ng/ml



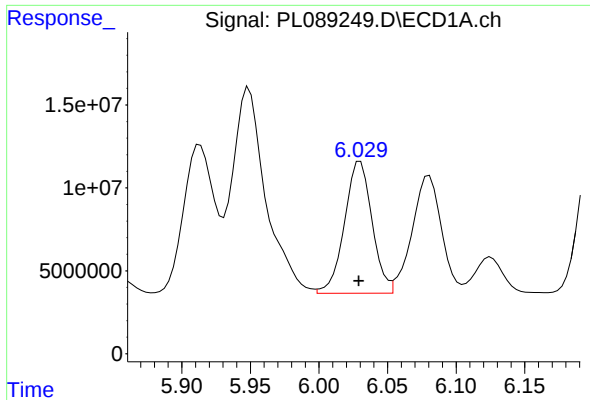
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 212047875
Conc: 92.76 ng/ml



#10 gamma-Chlordane

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 99384757
Conc: 60.57 ng/ml m



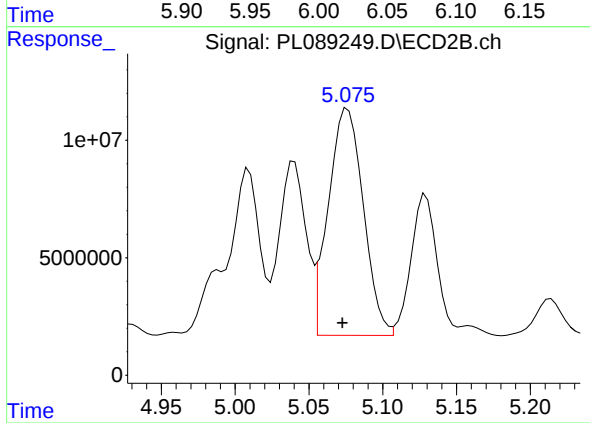
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.001 min
Response: 111429121
Conc: 48.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MS

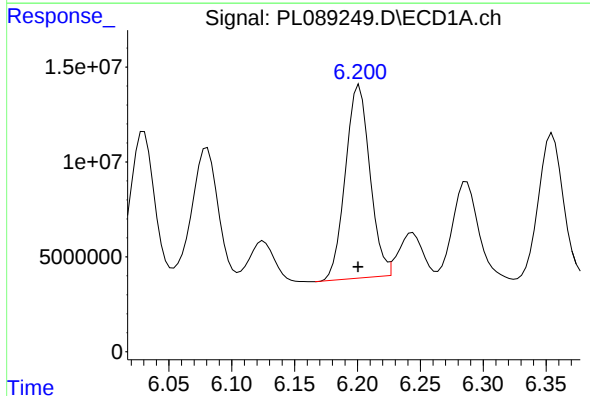
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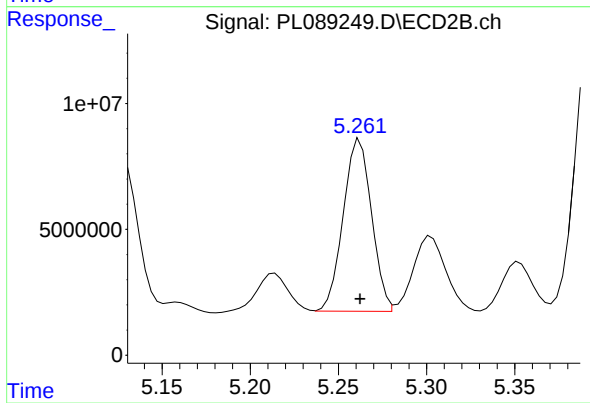
#11 alpha-Chlordane

R.T.: 5.076 min
Delta R.T.: 0.004 min
Response: 159239514
Conc: 96.56 ng/ml



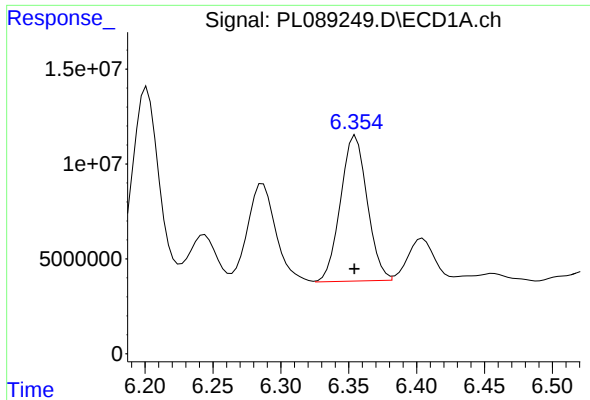
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 137938964
Conc: 68.17 ng/ml



#12 4,4'-DDE

R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 76255208
Conc: 52.45 ng/ml m



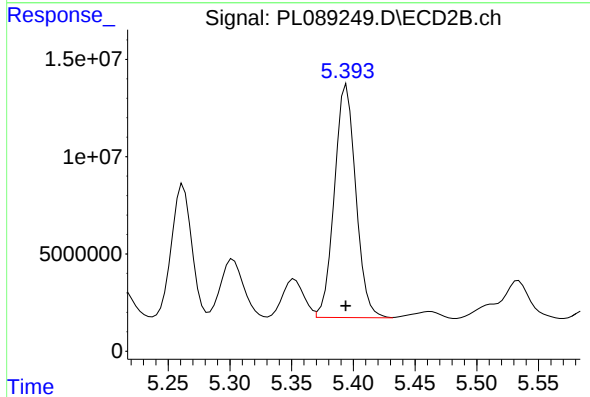
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 105143230
Conc: 46.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MS

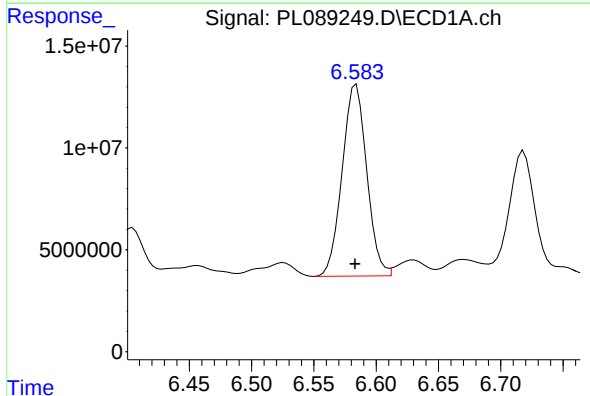
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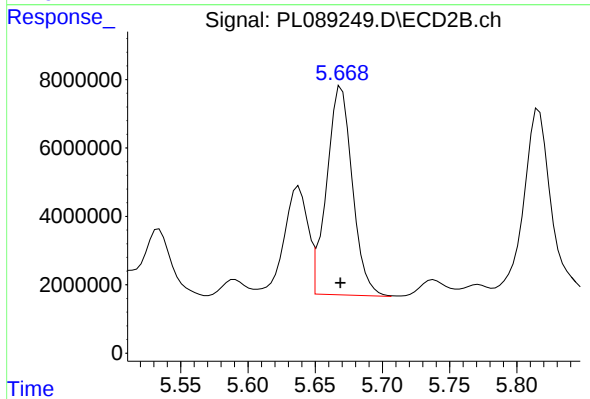
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: 0.000 min
Response: 144291838
Conc: 89.69 ng/ml m



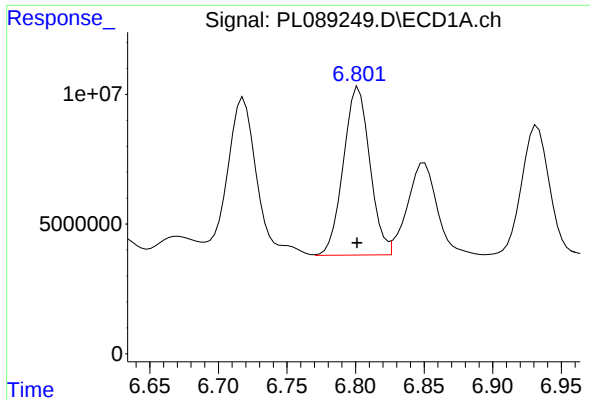
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 129557610
Conc: 68.39 ng/ml



#14 Endrin

R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 79712778
Conc: 55.45 ng/ml m



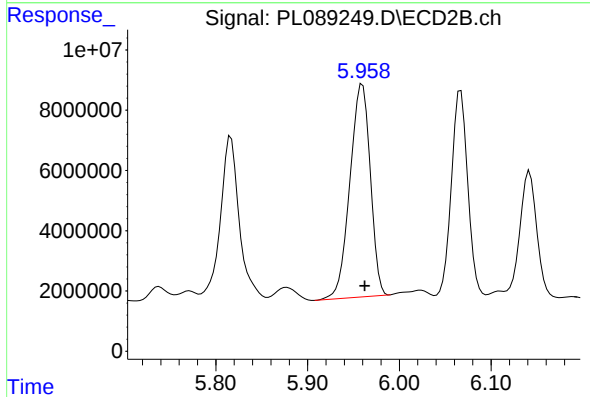
#15 Endosulfan II

R.T.: 6.802 min
Delta R.T.: 0.000 min
Response: 87085002
Conc: 43.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MS

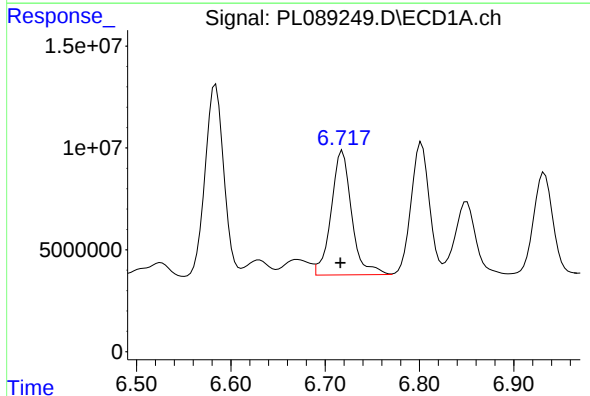
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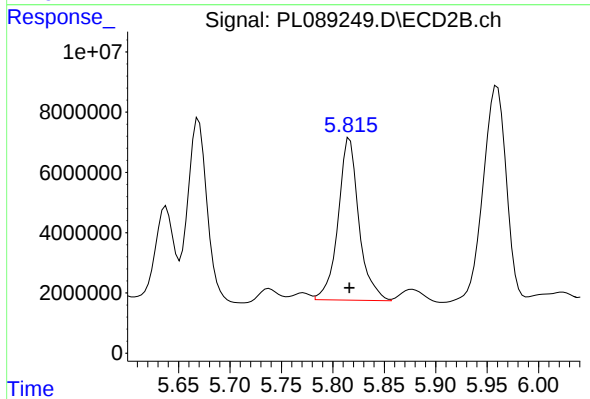
#15 Endosulfan II

R.T.: 5.960 min
Delta R.T.: -0.002 min
Response: 109208725
Conc: 75.93 ng/ml



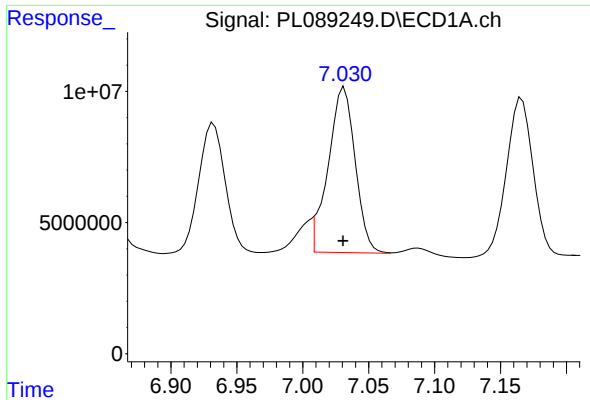
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 92219241
Conc: 54.66 ng/ml



#16 4,4'-DDD

R.T.: 5.815 min
Delta R.T.: -0.001 min
Response: 75552343
Conc: 61.26 ng/ml m



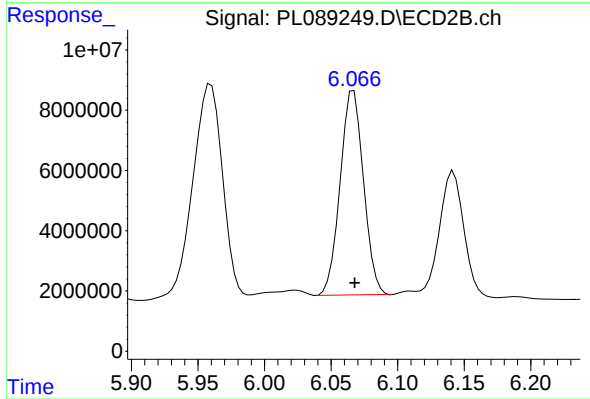
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 88705179
Conc: 48.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MS

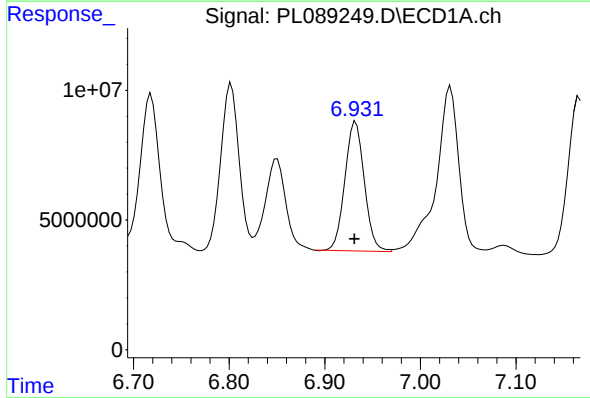
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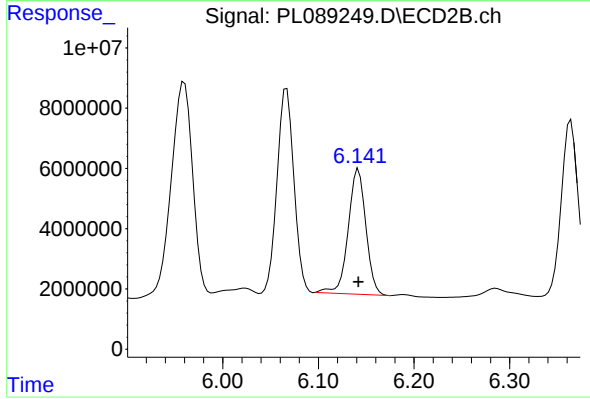
#17 4,4'-DDT

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 82842398
Conc: 61.23 ng/ml m



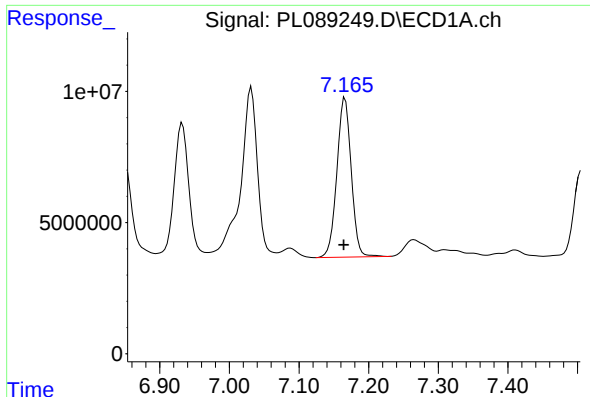
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.002 min
Response: 70512395
Conc: 46.63 ng/ml



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 53622621
Conc: 48.21 ng/ml



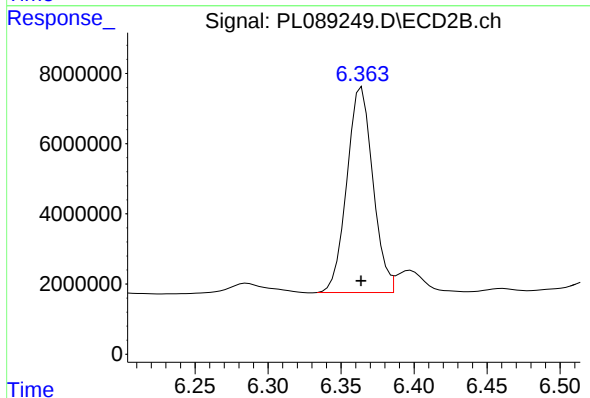
#19 Endosulfan Sulfate

R.T.: 7.166 min
Delta R.T.: 0.002 min
Response: 86999696
Conc: 48.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MS

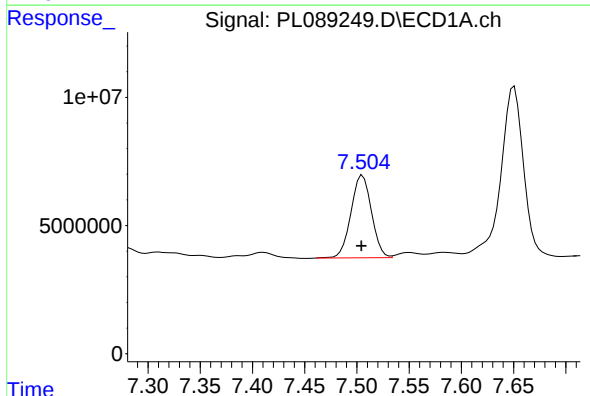
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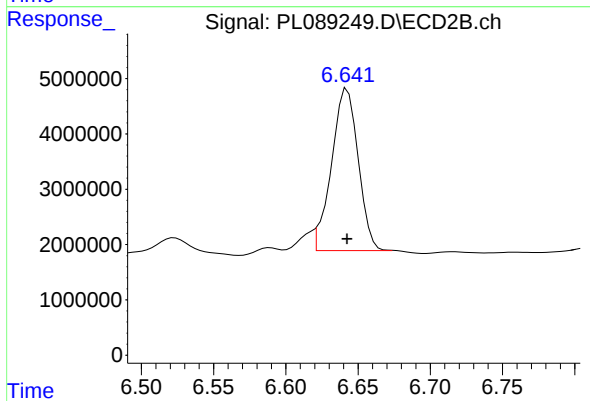
#19 Endosulfan Sulfate

R.T.: 6.363 min
Delta R.T.: -0.001 min
Response: 72715122
Conc: 52.42 ng/ml m



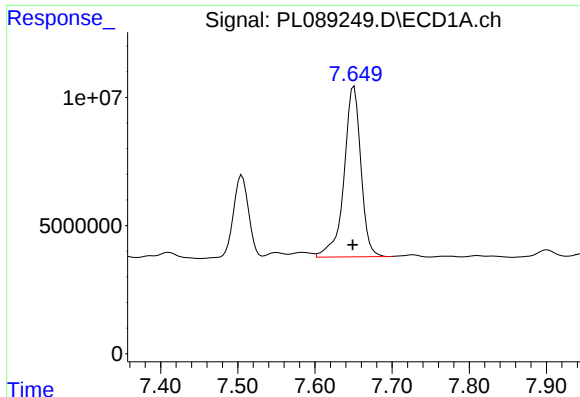
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 44077350
Conc: 44.82 ng/ml



#20 Methoxychlor

R.T.: 6.641 min
Delta R.T.: -0.001 min
Response: 37146286
Conc: 46.46 ng/ml m



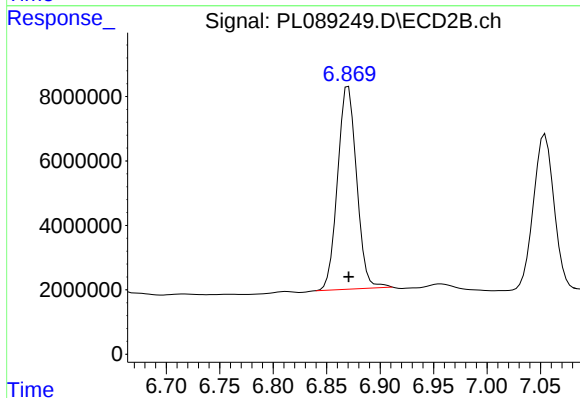
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: 0.002 min
Response: 100745129
Conc: 50.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MS

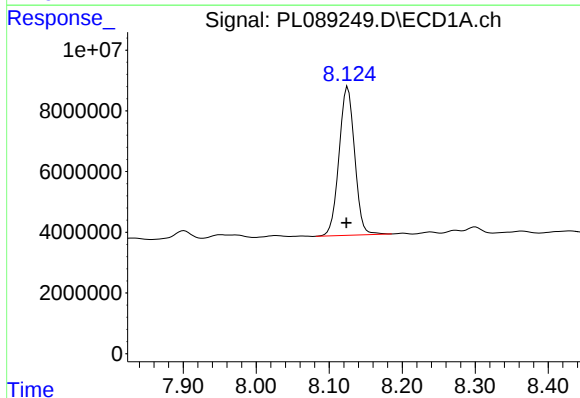
Manual Integrations
APPROVED

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



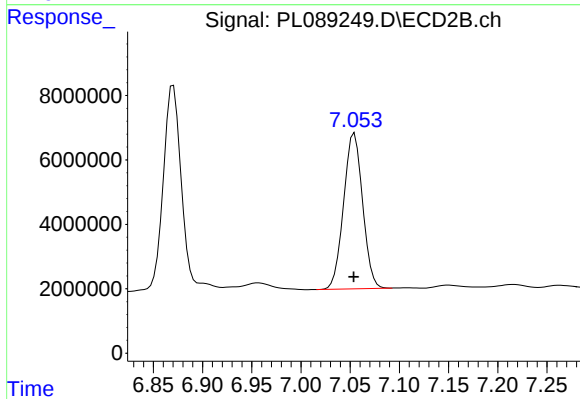
#21 Endrin ketone

R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 78129518
Conc: 48.86 ng/ml



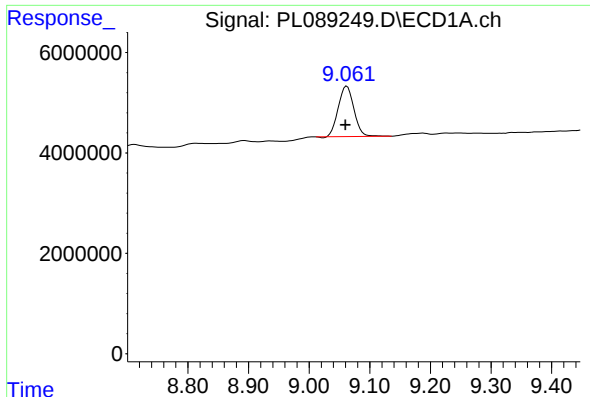
#22 Mirex

R.T.: 8.126 min
Delta R.T.: 0.002 min
Response: 72510990
Conc: 46.66 ng/ml



#22 Mirex

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 64793116
Conc: 47.49 ng/ml



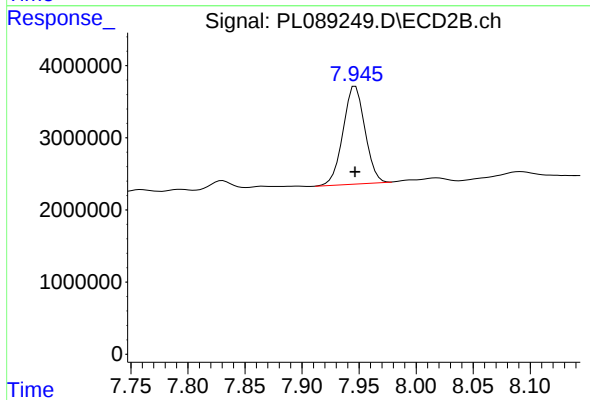
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.002 min
Response: 17917118
Conc: 12.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-240MS

Manual Integrations
APPROVED

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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: 18100104
Conc: 13.46 ng/ml