

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090922\
 Data File : PL077621.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2022 12:05
 Operator : AR\AJ
 Sample : N4512-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-214MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/13/2022
 Supervised By : Ankita Jodhani 09/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 14:26:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 14:34:08 2022
 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...	3.418	2.629	30420004	49130890	17.792	18.567
2)	SA Decachlor...	8.909	7.727	25782289	44528677	17.189	22.580 #
Target Compounds							
2)	A alpha-BHC	3.883	3.122	153.2E6	217.2E6	59.679	54.225
3)	MA gamma-BHC...	4.218	3.446	135.9E6	191.2E6	56.782	61.158
4)	MA Heptachlor	4.794	3.778	142.7E6	188.7E6	60.977	56.868
5)	MB Aldrin	5.134	4.052	140.3E6	181.6E6	63.241	57.381
6)	B beta-BHC	4.431	3.745	60332796	81215720	58.805	56.748
7)	B delta-BHC	4.675	3.968	106.3E6	202.4E6	56.467	56.956
8)	B Heptachlo...	5.567	4.551	119.3E6	164.6E6	74.584	60.180
9)	A Endosulfan I	5.954	4.917	99338828	124.4E6	56.572	48.192
10)	B gamma-Chl...	5.823	4.800	180.3E6	293.7E6	96.128	104.885
11)	B alpha-Chl...	5.901	4.862	213.1E6	253.2E6	112.999	94.029
12)	B 4,4'-DDE	6.078	5.057	179.6E6	304.5E6	102.515	112.196
13)	MA Dieldrin	6.231	5.180	97423744	167.6E6	53.271	61.164
14)	MA Endrin	6.463	5.451	47052498	68281487	31.077	33.124m
15)	B Endosulfa...	6.690	5.748	88184099	156.7E6	54.397	66.606
16)	A 4,4'-DDD	6.603	5.610	76640135	131.0E6	58.021	63.598
17)	MA 4,4'-DDT	6.915	5.857	288.3E6	412.8E6	181.870	193.357
18)	B Endrin al...	6.822	5.927	65802767	103.7E6	56.407	59.646
19)	B Endosulfa...	7.055	6.150	80234464	127.7E6	54.037	57.891
20)	A Methoxychlor	7.395	6.436	39364658	75612390	49.627	64.347 #
21)	B Endrin ke...	7.543	6.649	80172270	142.8E6	51.933	58.894
22)	Mirex	8.003	6.826	53062551	94743175	43.641	54.117

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

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 Acq On : 09 Sep 2022 12:05
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 ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

VNJ-214MSD

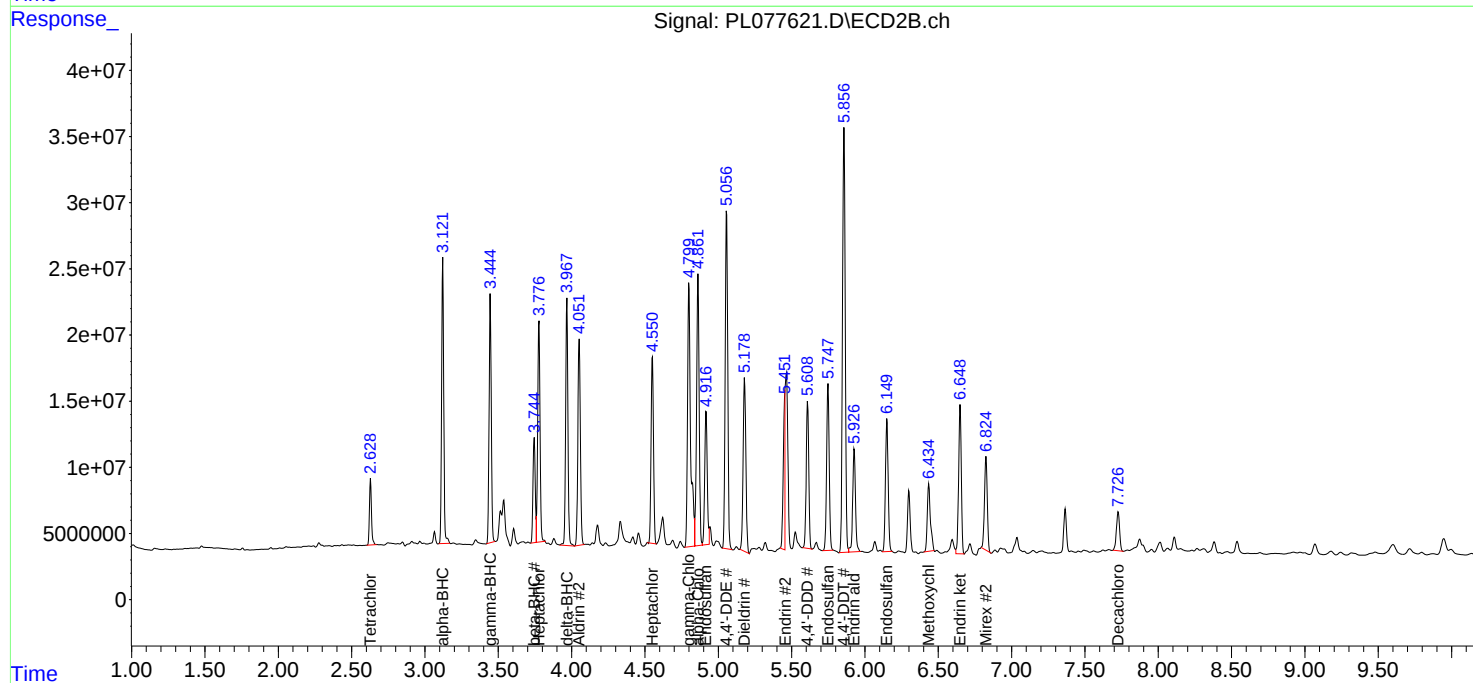
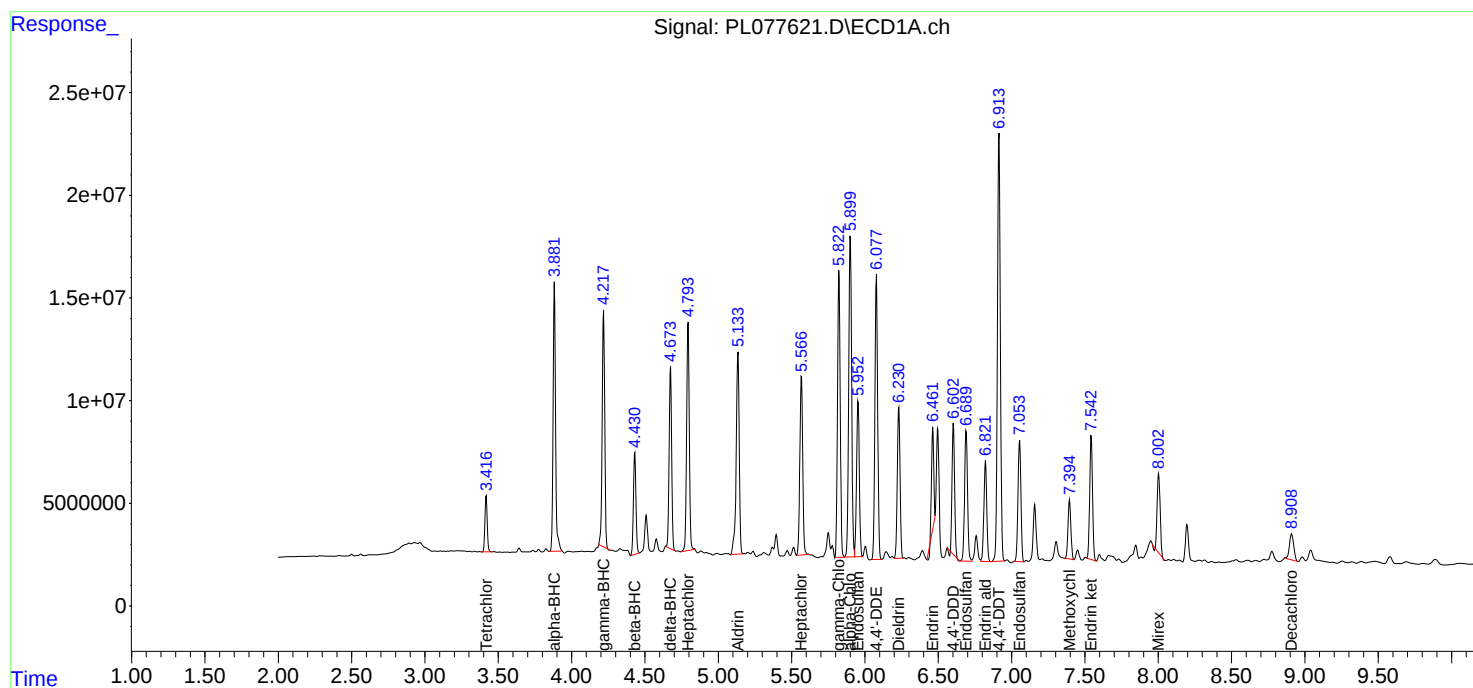
Manual Integrations

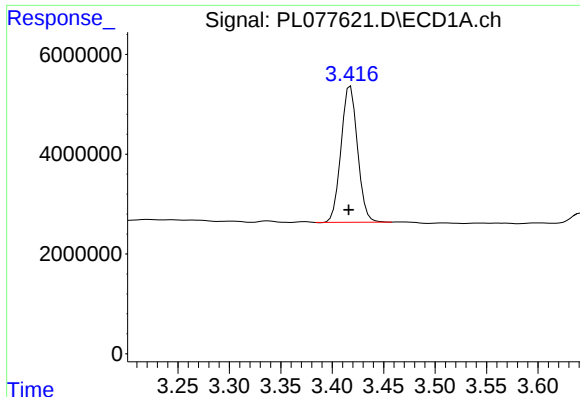
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Integration File signal 1: autoint1.e
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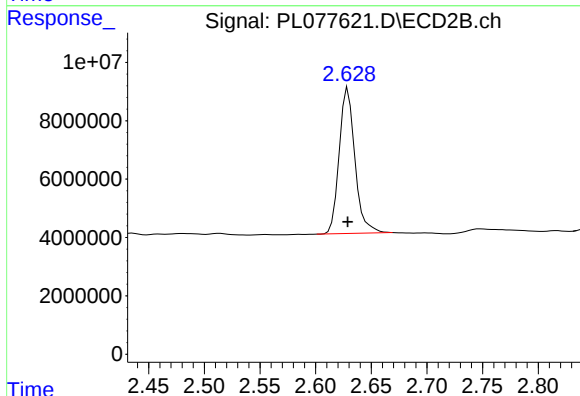
#1 Tetrachloro-m-xylene

R.T.: 3.418 min
Delta R.T.: 0.002 min
Response: 30420004
Conc: 17.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-214MSD

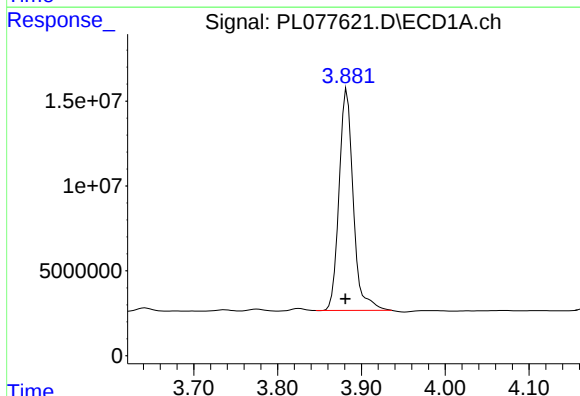
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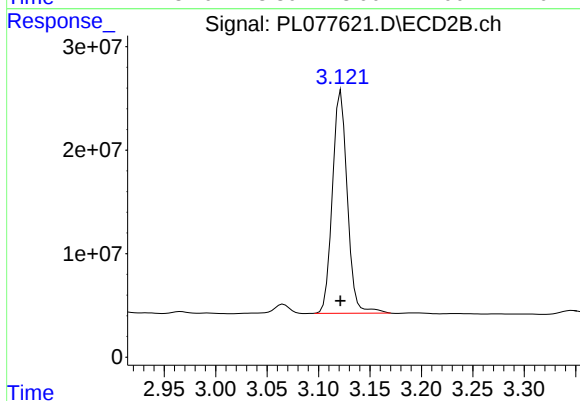
#1 Tetrachloro-m-xylene

R.T.: 2.629 min
Delta R.T.: 0.000 min
Response: 49130890
Conc: 18.57 ng/ml



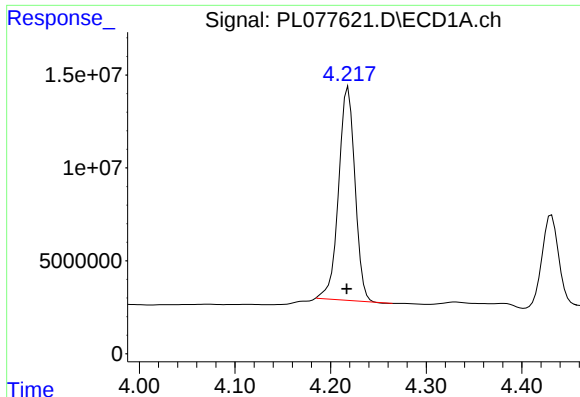
#2 alpha-BHC

R.T.: 3.883 min
Delta R.T.: 0.001 min
Response: 153162748
Conc: 59.68 ng/ml



#2 alpha-BHC

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 217153238
Conc: 54.22 ng/ml



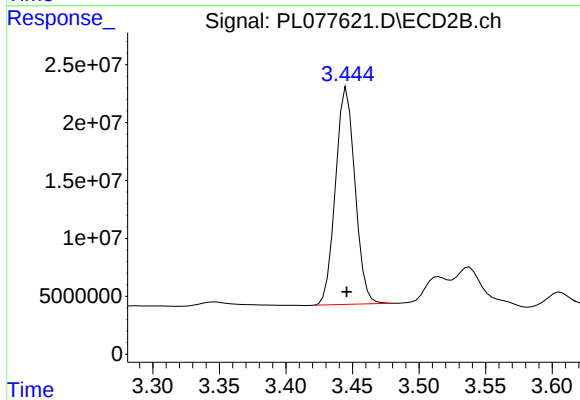
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.001 min
Response: 135879663
Conc: 56.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-214MSD

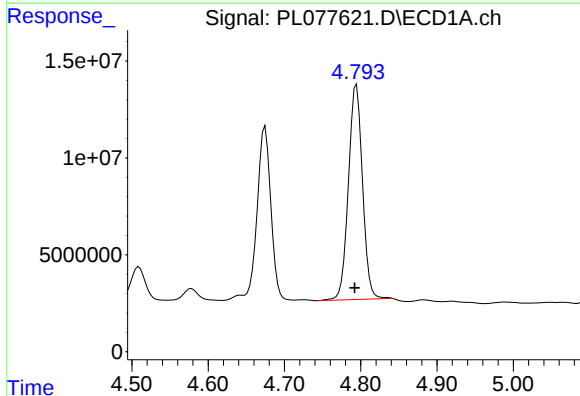
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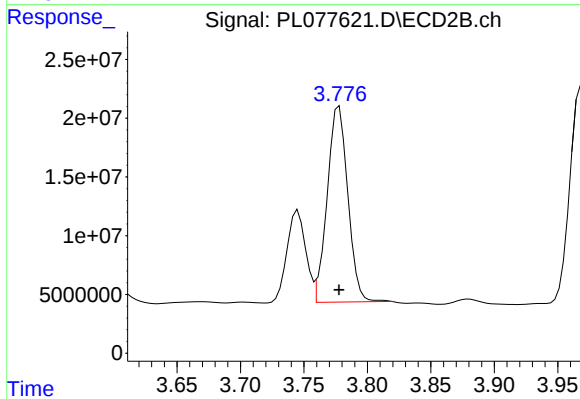
#3 gamma-BHC (Lindane)

R.T.: 3.446 min
Delta R.T.: 0.000 min
Response: 191186934
Conc: 61.16 ng/ml



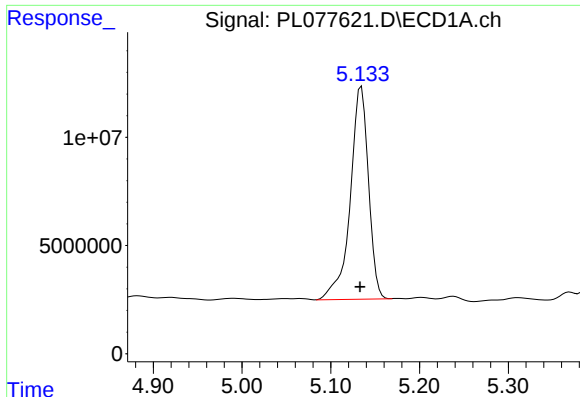
#4 Heptachlor

R.T.: 4.794 min
Delta R.T.: 0.002 min
Response: 142673343
Conc: 60.98 ng/ml



#4 Heptachlor

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 188728190
Conc: 56.87 ng/ml



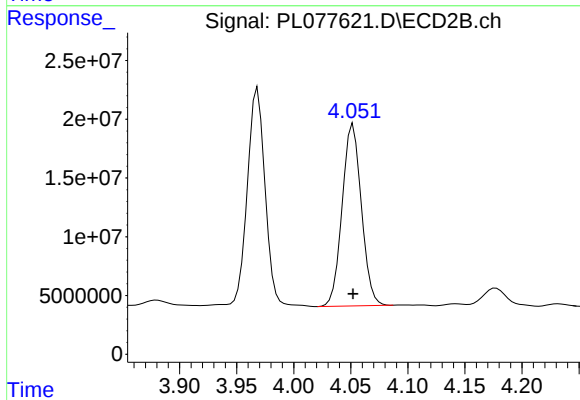
#5 Aldrin

R.T.: 5.134 min
Delta R.T.: 0.001 min
Response: 140288080
Conc: 63.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-214MSD

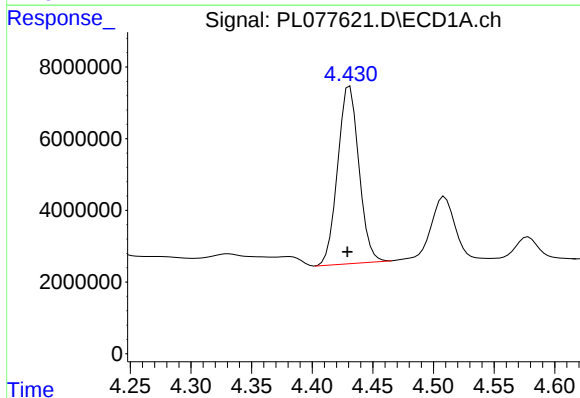
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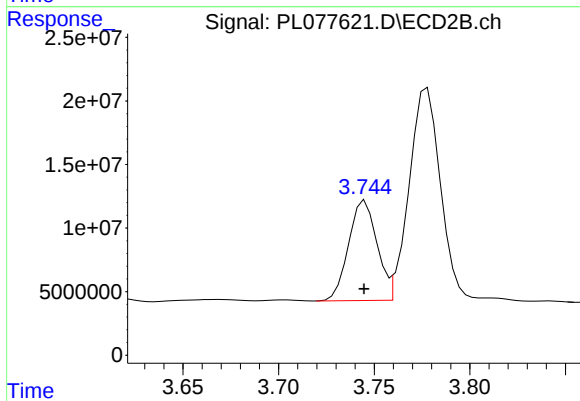
#5 Aldrin

R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 181624262
Conc: 57.38 ng/ml



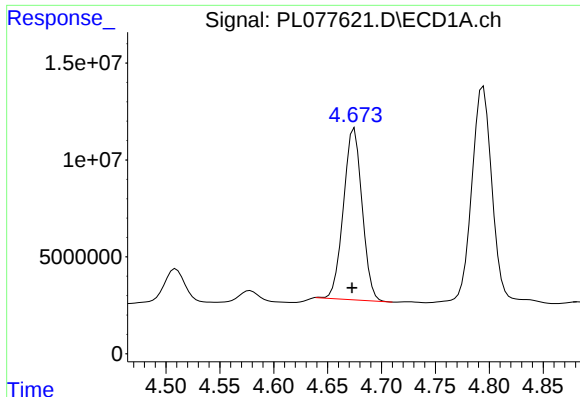
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.002 min
Response: 60332796
Conc: 58.80 ng/ml



#6 beta-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 81215720
Conc: 56.75 ng/ml



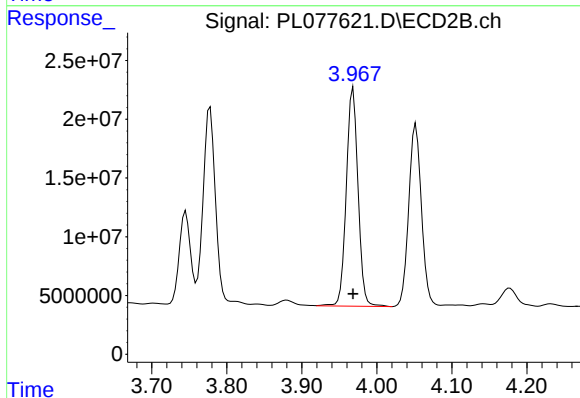
#7 delta-BHC

R.T.: 4.675 min
Delta R.T.: 0.002 min
Response: 106320134
Conc: 56.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-214MSD

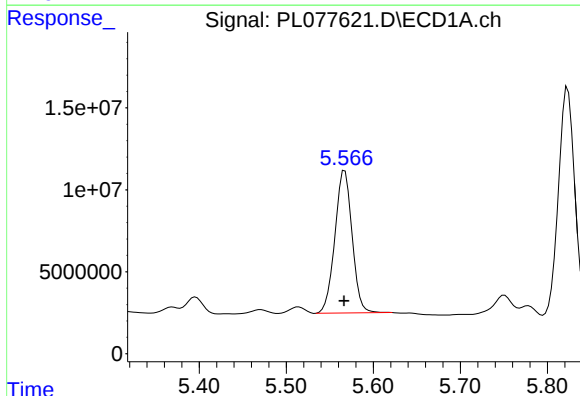
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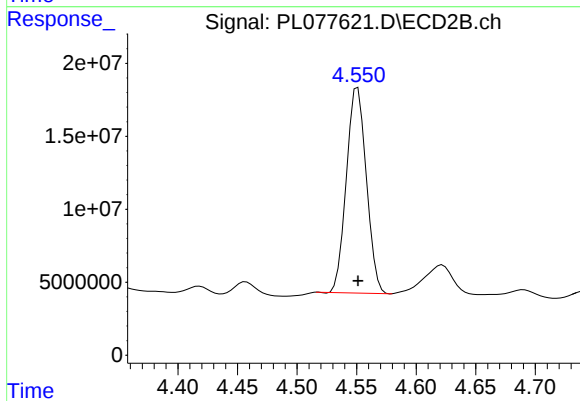
#7 delta-BHC

R.T.: 3.968 min
Delta R.T.: 0.000 min
Response: 202377247
Conc: 56.96 ng/ml



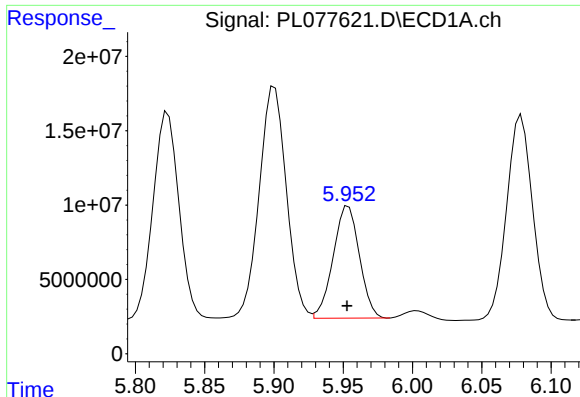
#8 Heptachlor epoxide

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 119323809
Conc: 74.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 164555849
Conc: 60.18 ng/ml



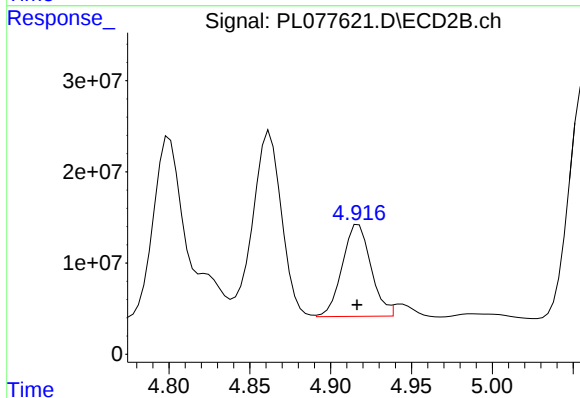
#9 Endosulfan I

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 99338828
Conc: 56.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-214MSD

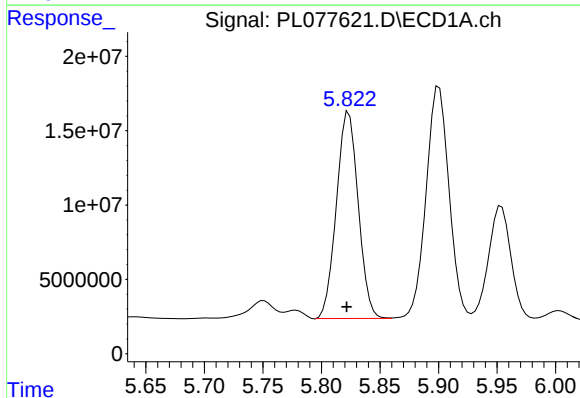
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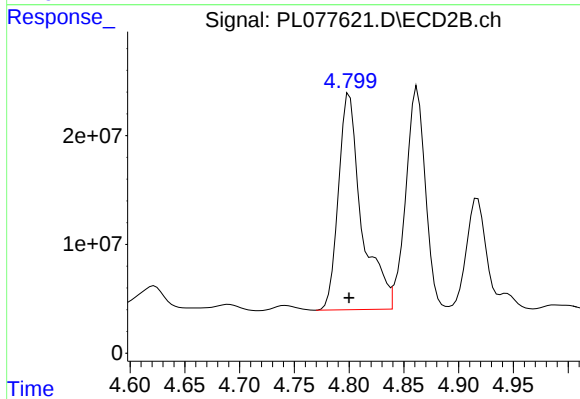
#9 Endosulfan I

R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 124377895
Conc: 48.19 ng/ml



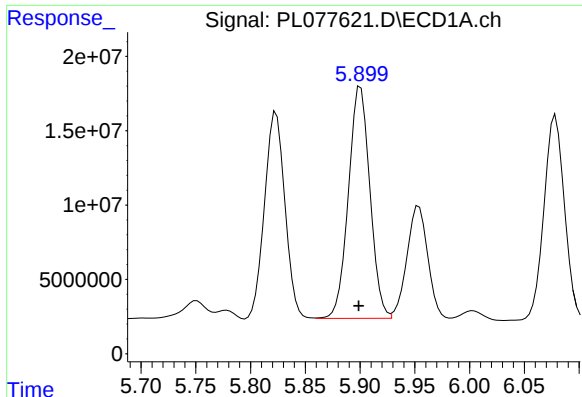
#10 gamma-Chlordane

R.T.: 5.823 min
Delta R.T.: 0.002 min
Response: 180276663
Conc: 96.13 ng/ml



#10 gamma-Chlordane

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 293740186
Conc: 104.88 ng/ml



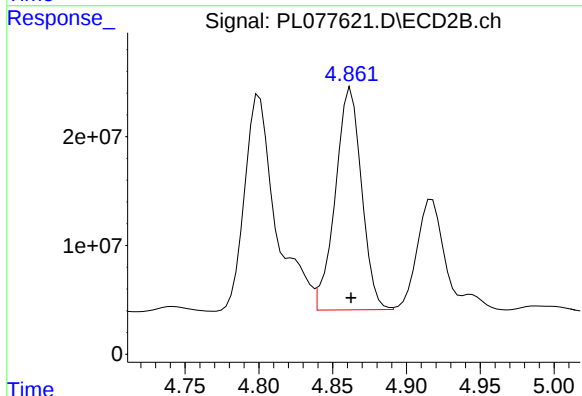
#11 alpha-Chlordane

R.T.: 5.901 min
Delta R.T.: 0.002 min
Response: 213129227
Conc: 113.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-214MSD

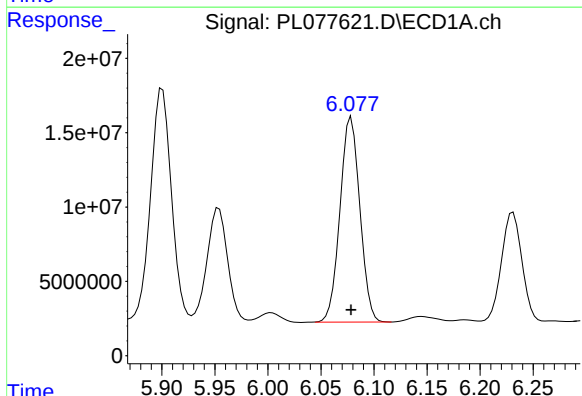
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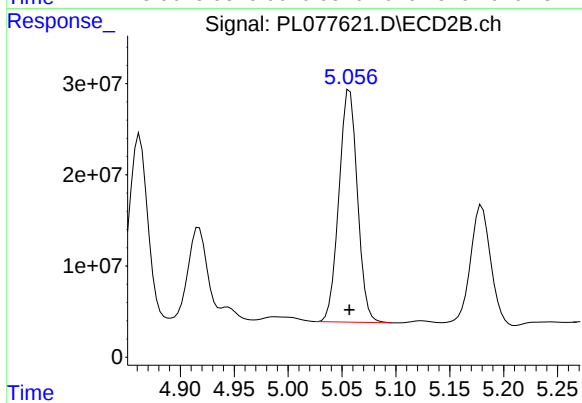
#11 alpha-Chlordane

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 253196770
Conc: 94.03 ng/ml



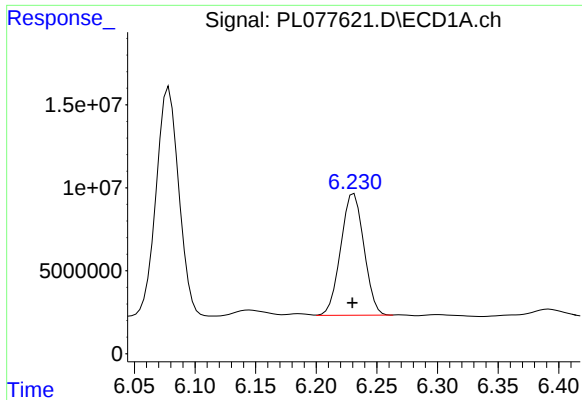
#12 4,4'-DDE

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 179567392
Conc: 102.51 ng/ml



#12 4,4'-DDE

R.T.: 5.057 min
Delta R.T.: 0.000 min
Response: 304538309
Conc: 112.20 ng/ml



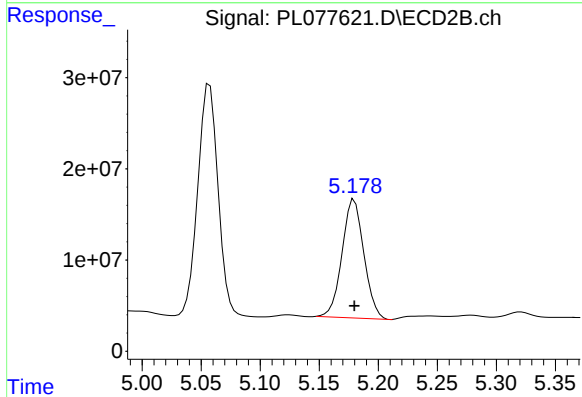
#13 Dieldrin

R.T.: 6.231 min
Delta R.T.: 0.001 min
Response: 97423744
Conc: 53.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-214MSD

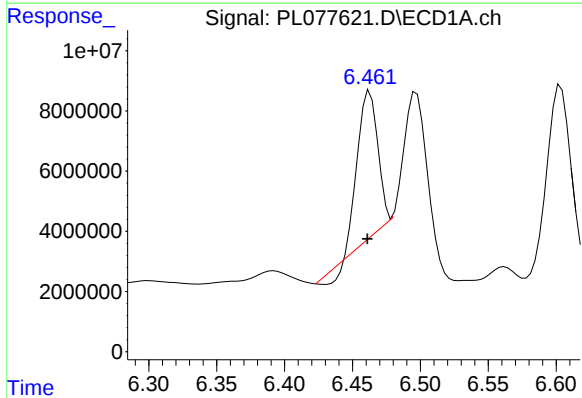
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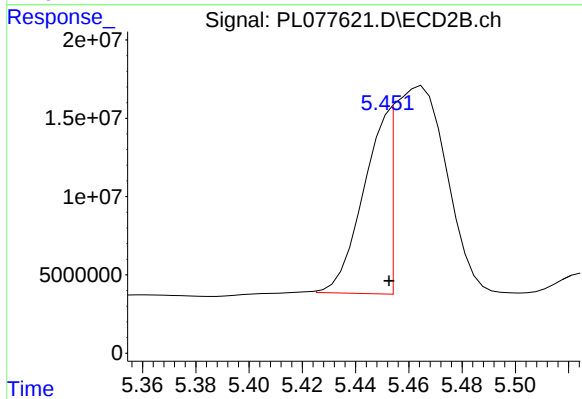
#13 Dieldrin

R.T.: 5.180 min
Delta R.T.: 0.000 min
Response: 167572265
Conc: 61.16 ng/ml



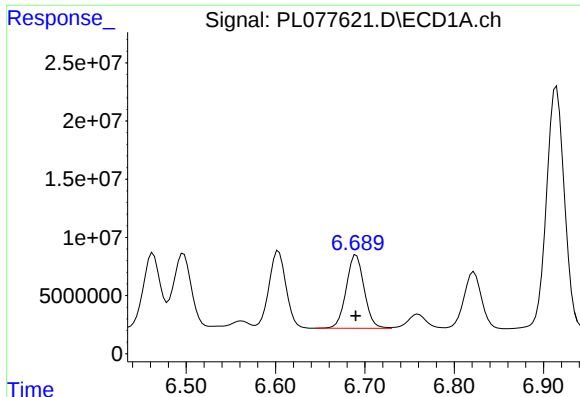
#14 Endrin

R.T.: 6.463 min
Delta R.T.: 0.002 min
Response: 47052498
Conc: 31.08 ng/ml



#14 Endrin

R.T.: 5.451 min
Delta R.T.: -0.002 min
Response: 68281487
Conc: 33.12 ng/ml m



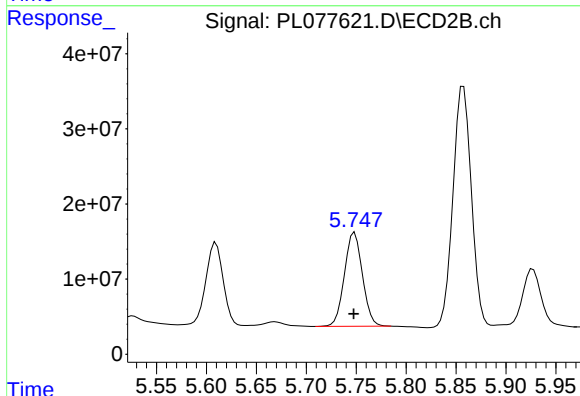
#15 Endosulfan II

R.T.: 6.690 min
Delta R.T.: 0.000 min
Response: 88184099
Conc: 54.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-214MSD

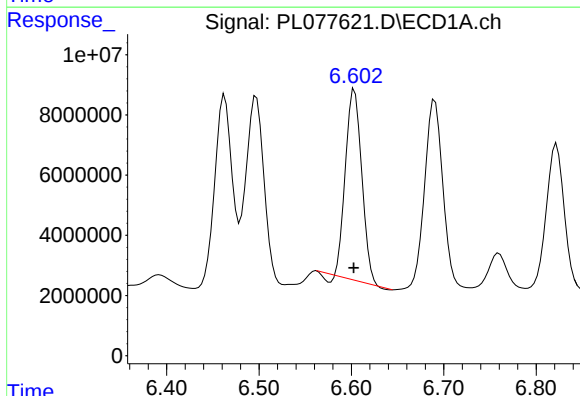
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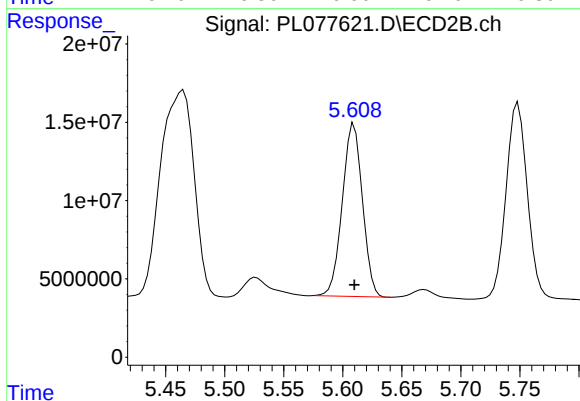
#15 Endosulfan II

R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 156653517
Conc: 66.61 ng/ml



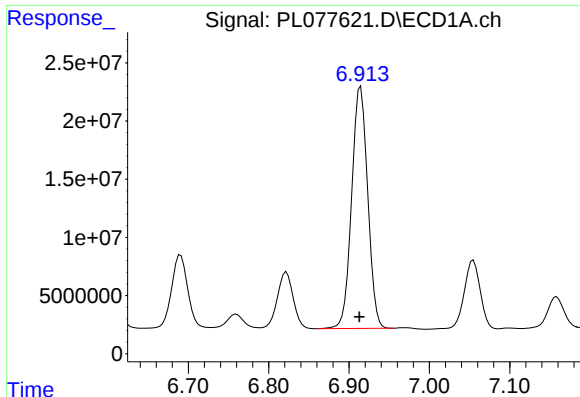
#16 4,4'-DDD

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 76640135
Conc: 58.02 ng/ml



#16 4,4'-DDD

R.T.: 5.610 min
Delta R.T.: 0.000 min
Response: 130993762
Conc: 63.60 ng/ml



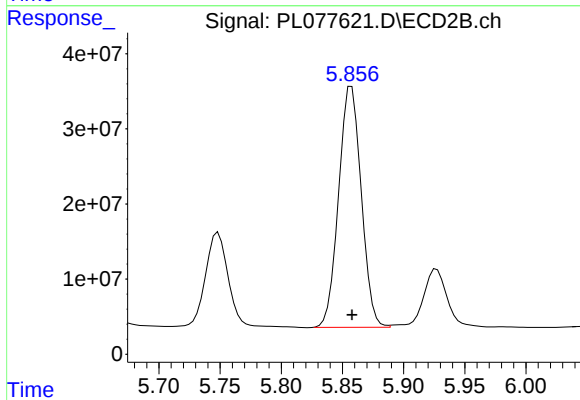
#17 4,4'-DDT

R.T.: 6.915 min
Delta R.T.: 0.001 min
Response: 288334399
Conc: 181.87 ng/ml

Instrument :
ECD_L
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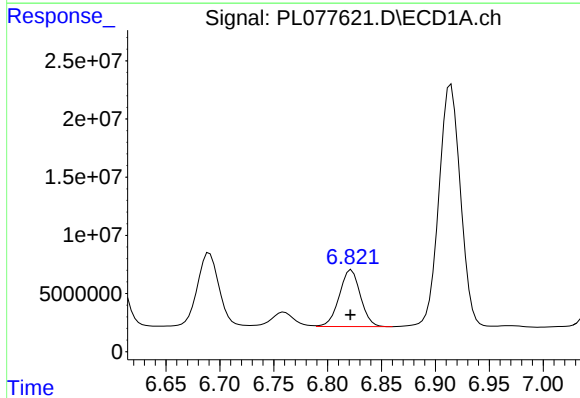
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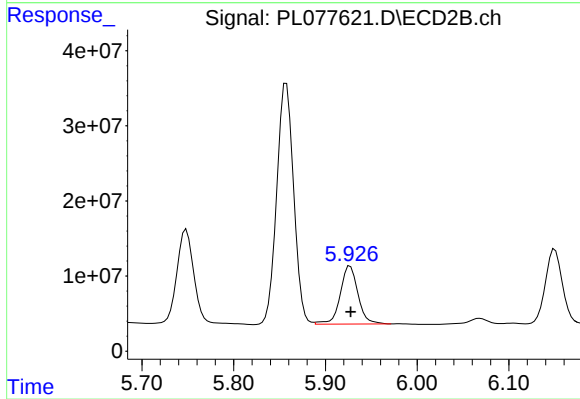
#17 4,4'-DDT

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 412756853
Conc: 193.36 ng/ml



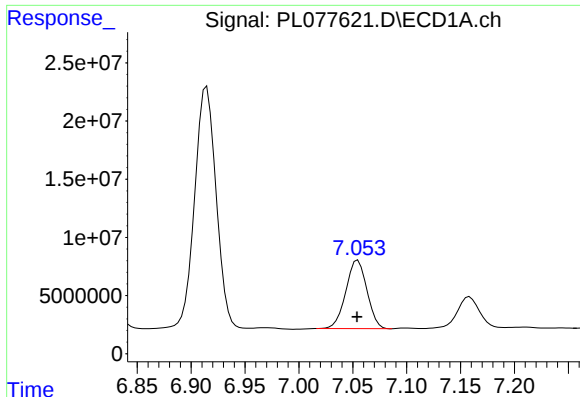
#18 Endrin aldehyde

R.T.: 6.822 min
Delta R.T.: 0.000 min
Response: 65802767
Conc: 56.41 ng/ml



#18 Endrin aldehyde

R.T.: 5.927 min
Delta R.T.: 0.000 min
Response: 103734363
Conc: 59.65 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 80234464
Conc: 54.04 ng/ml

Instrument :

ECD_L

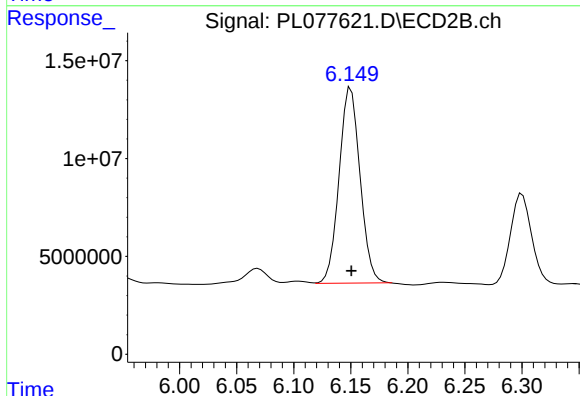
ClientSampleId :

VNJ-214MSD

Manual Integrations

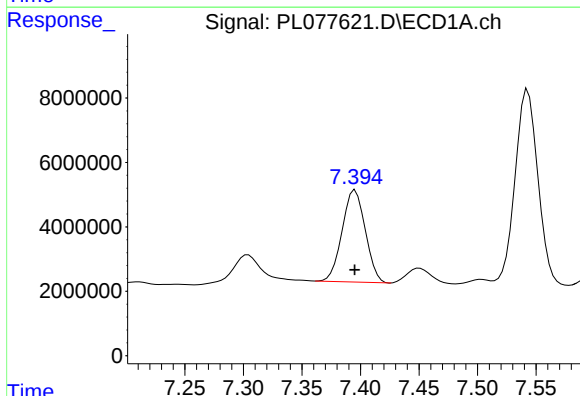
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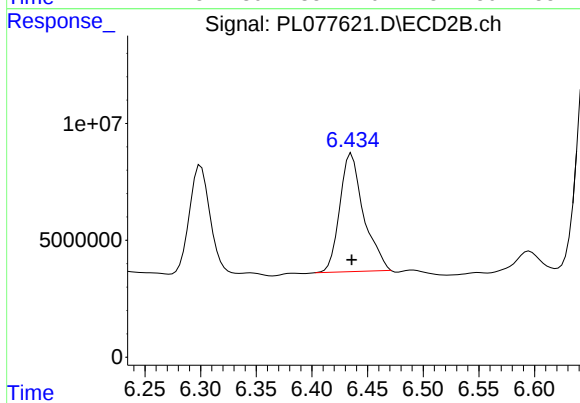
#19 Endosulfan Sulfate

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 127747864
Conc: 57.89 ng/ml



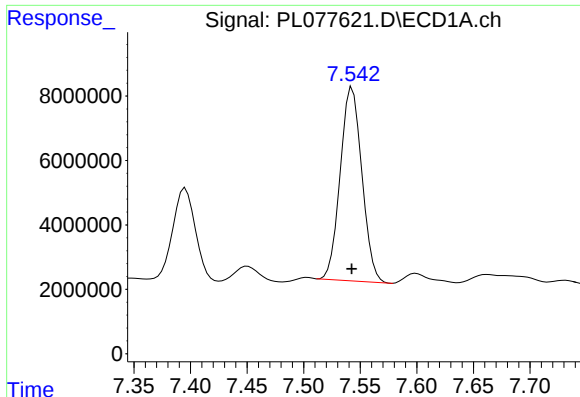
#20 Methoxychlor

R.T.: 7.395 min
Delta R.T.: 0.000 min
Response: 39364658
Conc: 49.63 ng/ml



#20 Methoxychlor

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 75612390
Conc: 64.35 ng/ml



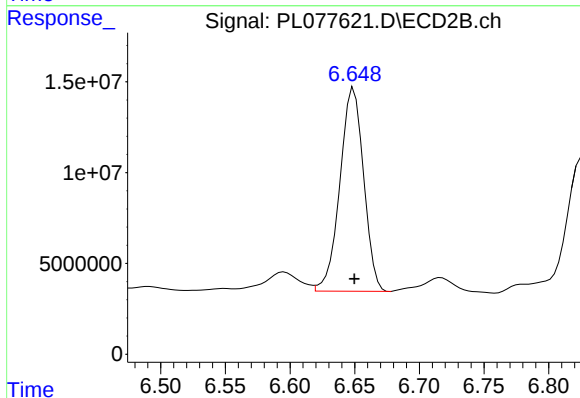
#21 Endrin ketone

R.T.: 7.543 min
Delta R.T.: 0.000 min
Response: 80172270
Conc: 51.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-214MSD

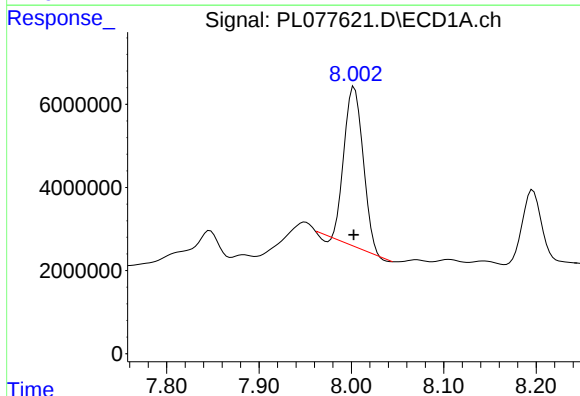
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/13/2022
Supervised By :Ankita Jodhani 09/13/2022



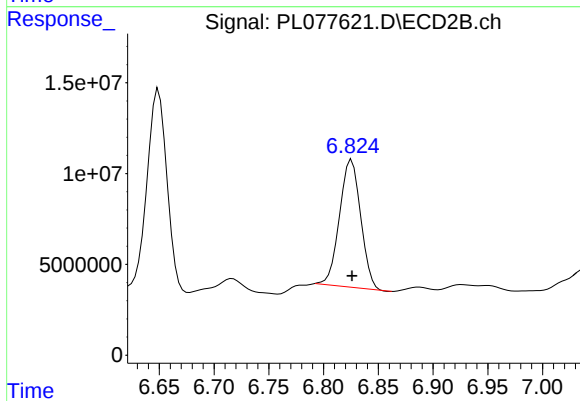
#21 Endrin ketone

R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 142844813
Conc: 58.89 ng/ml



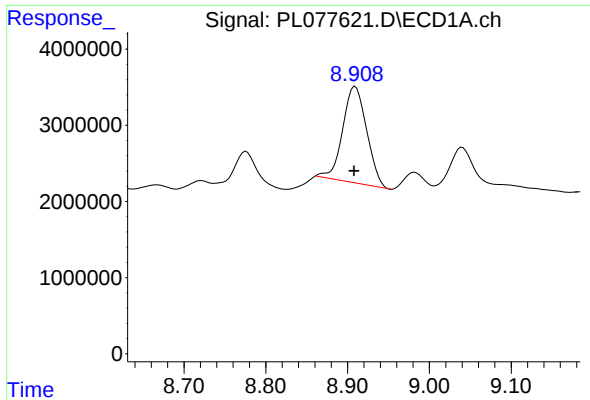
#22 Mirex

R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 53062551
Conc: 43.64 ng/ml



#22 Mirex

R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 94743175
Conc: 54.12 ng/ml



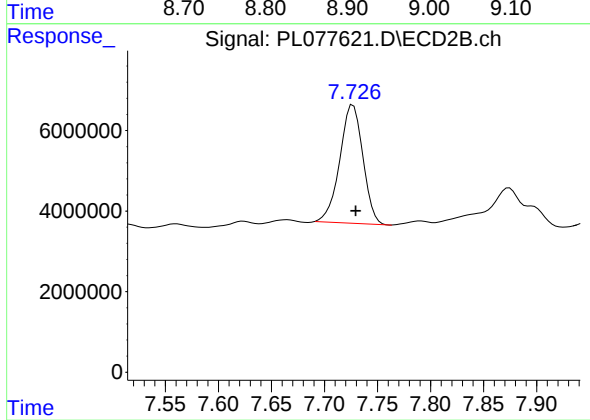
#28 Decachlorobiphenyl

R.T.: 8.909 min
Delta R.T.: 0.002 min
Response: 25782289
Conc: 17.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-214MSD

Manual Integrations
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Supervised By :Ankita Jodhani 09/13/2022



#28 Decachlorobiphenyl

R.T.: 7.727 min
Delta R.T.: -0.003 min
Response: 44528677
Conc: 22.58 ng/ml