

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031921\
 Data File : PL065439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2021 14:03
 Operator : AR\AJ
 Sample : M1682-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-MANHOLEMSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 16:28:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031821.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 19 02:14:11 2021
 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...	3.288	3.787	45800244	44996640	19.286	16.394
28)	SA Decachlor...	7.928	8.738	37654074	35163330	15.585	17.740
Target Compounds							
2)	A alpha-BHC	3.712	4.172	189.6E6	172.6E6	50.715	42.480
3)	MA gamma-BHC...	3.986	4.450	177.4E6	160.9E6	51.860	44.064m
4)	MA Heptachlor	4.271	4.938	147.7E6	128.7E6	45.143	38.599
5)	MB Aldrin	4.509	5.235	151.2E6	129.1E6	47.709	39.428
6)	B beta-BHC	4.236	4.634	67946687	66534961	48.049	38.622
7)	B delta-BHC	4.429	4.841	163.6E6	144.4E6	49.197	48.321
8)	B Heptachlo...	4.941	5.621	142.3E6	122.2E6	48.114	42.267
9)	A Endosulfan I	5.267	5.971	124.8E6	105.9E6	45.773m	40.224
10)	B gamma-Chl...	5.162	5.852	140.8E6	119.3E6	47.677	42.758
11)	B alpha-Chl...	5.218	5.922	137.1E6	116.7E6	47.109	42.062
12)	B 4,4'-DDE	5.385	6.086	122.6E6	99840634	46.603	40.084
13)	MA Dieldrin	5.506	6.227	137.0E6	109.2E6	48.924	40.158
14)	MA Endrin	5.756	6.443	120.0E6	94129064	48.063	42.615
15)	B Endosulfa...	6.028	6.659	117.2E6	100.2E6	47.848	44.370
16)	A 4,4'-DDD	5.891	6.576	103.1E6	94501629	46.662	42.965
17)	MA 4,4'-DDT	6.124	6.869	90137100	82969676	47.622	42.271
18)	B Endrin al...	6.195	6.784	88726743	79479515	46.205	45.368
19)	B Endosulfa...	6.405	7.003	119.2E6	93237528	48.214	42.502m
20)	A Methoxychlor	6.669	7.334	52098921	44153964	45.441m	42.278
21)	B Endrin ke...	6.883	7.470	113.0E6	103.7E6	42.030	43.944
22)	Mirex	7.056	7.906	83037125	75449018	40.778	45.329

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031921\
Data File : PL065439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2021 14:03
Operator : AR\AJ
Sample : M1682-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

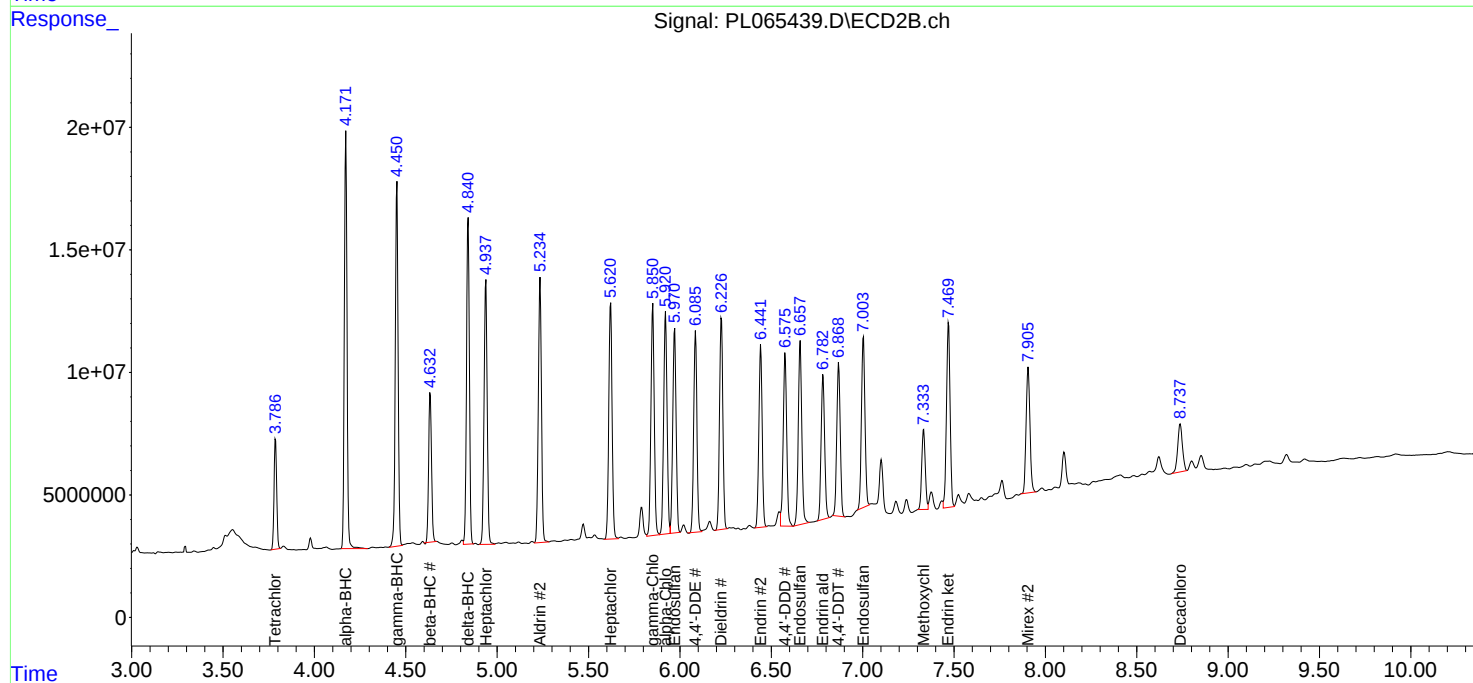
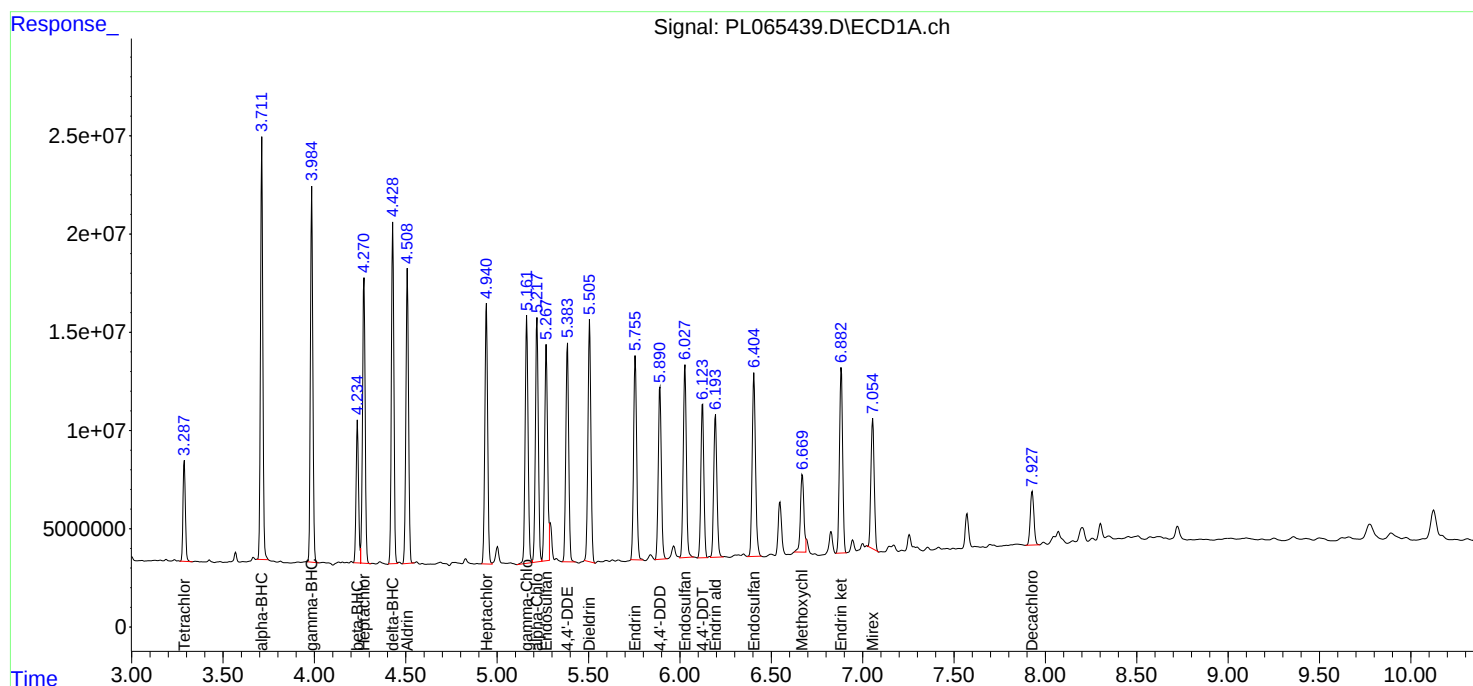
Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

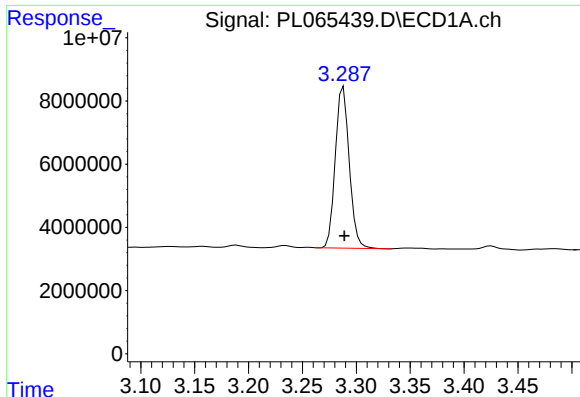
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 16:28:43 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031821.M
Quant Title : GC Extractables
QLast Update : Fri Mar 19 02:14:11 2021
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Volume 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





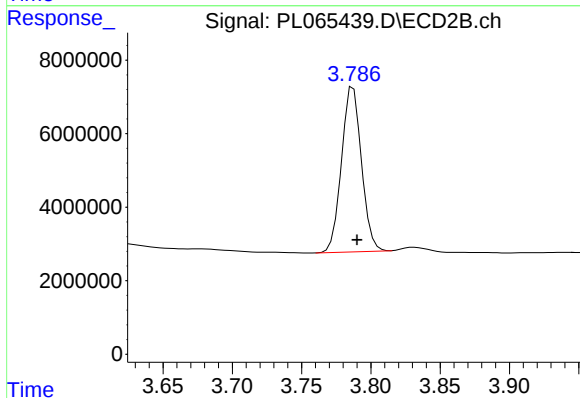
#1 Tetrachloro-m-xylene

R.T.: 3.288 min
Delta R.T.: 0.000 min
Response: 45800244
Conc: 19.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

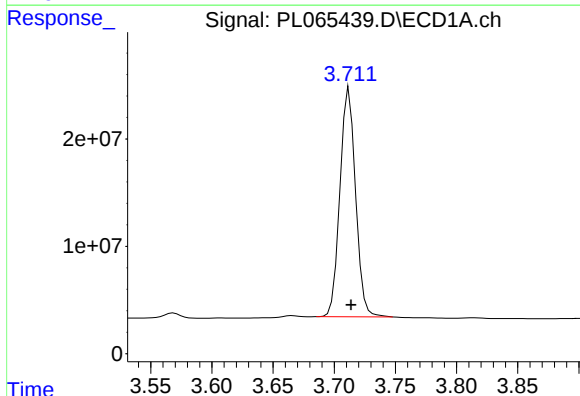
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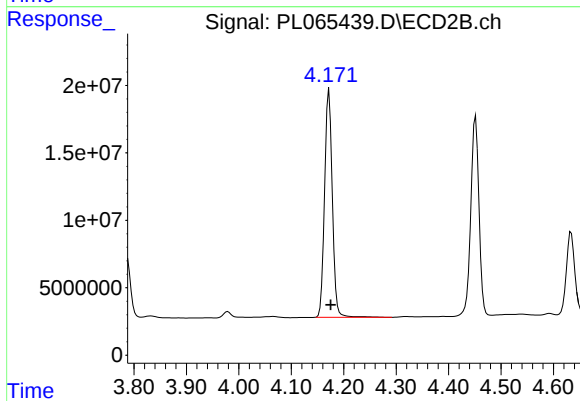
#1 Tetrachloro-m-xylene

R.T.: 3.787 min
Delta R.T.: -0.003 min
Response: 44996640
Conc: 16.39 ng/ml



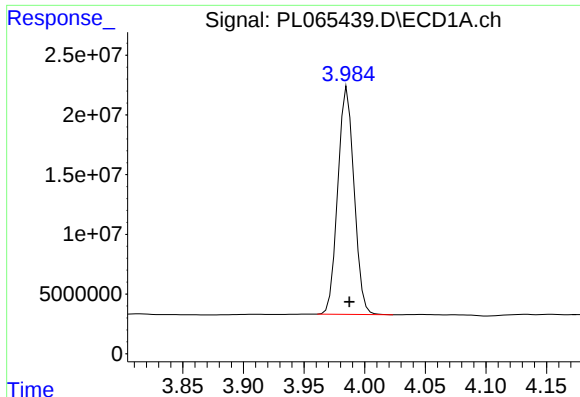
#2 alpha-BHC

R.T.: 3.712 min
Delta R.T.: -0.001 min
Response: 189608262
Conc: 50.71 ng/ml



#2 alpha-BHC

R.T.: 4.172 min
Delta R.T.: -0.003 min
Response: 172628890
Conc: 42.48 ng/ml



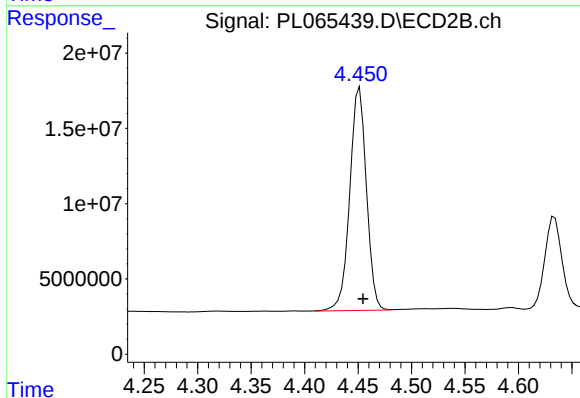
#3 gamma-BHC (Lindane)

R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 177370434
Conc: 51.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

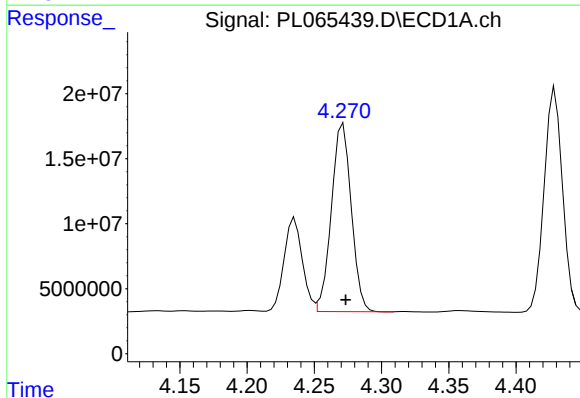
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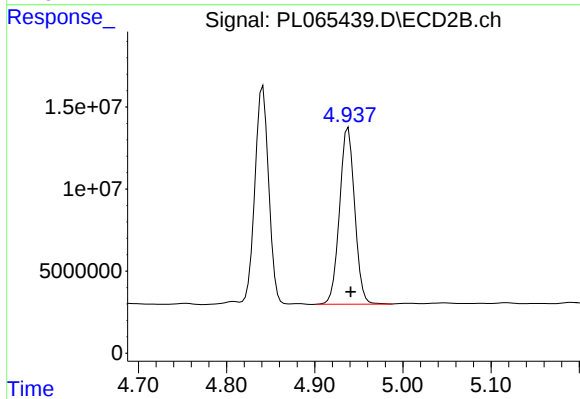
#3 gamma-BHC (Lindane)

R.T.: 4.450 min
Delta R.T.: -0.005 min
Response: 160901631
Conc: 44.06 ng/ml m



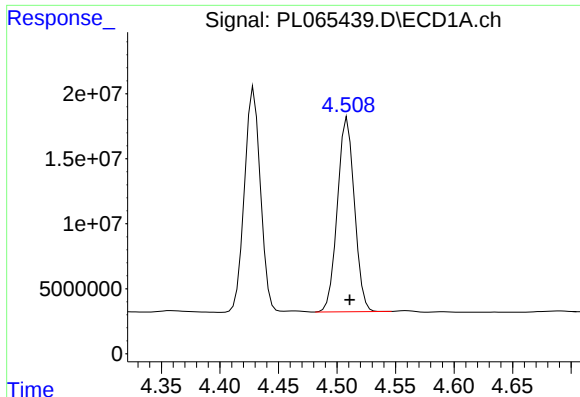
#4 Heptachlor

R.T.: 4.271 min
Delta R.T.: -0.002 min
Response: 147742261
Conc: 45.14 ng/ml



#4 Heptachlor

R.T.: 4.938 min
Delta R.T.: -0.003 min
Response: 128716448
Conc: 38.60 ng/ml



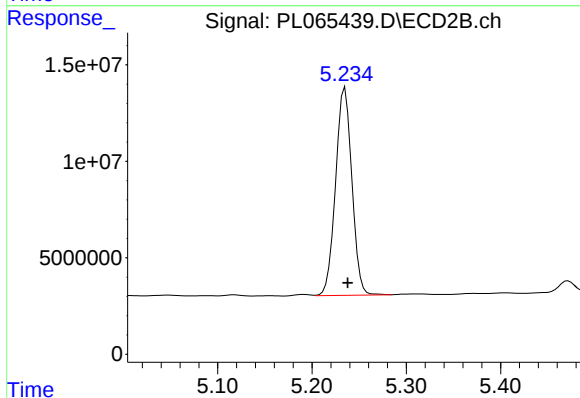
#5 Aldrin

R.T.: 4.509 min
Delta R.T.: -0.002 min
Response: 151174135
Conc: 47.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

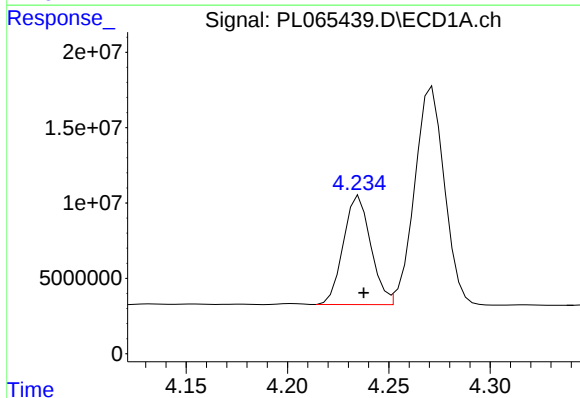
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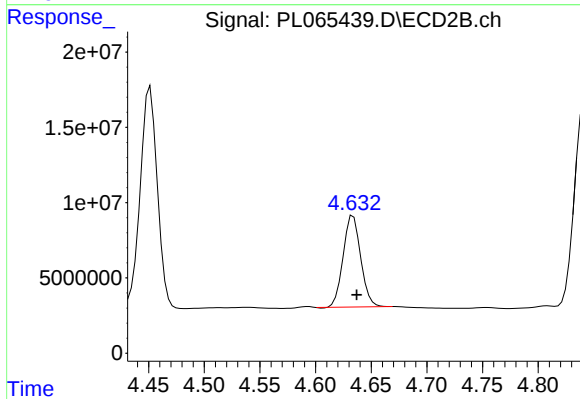
#5 Aldrin

R.T.: 5.235 min
Delta R.T.: -0.003 min
Response: 129132278
Conc: 39.43 ng/ml



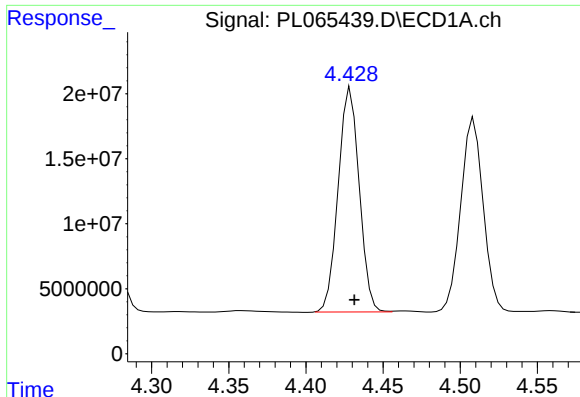
#6 beta-BHC

R.T.: 4.236 min
Delta R.T.: -0.002 min
Response: 67946687
Conc: 48.05 ng/ml



#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: -0.003 min
Response: 66534961
Conc: 38.62 ng/ml



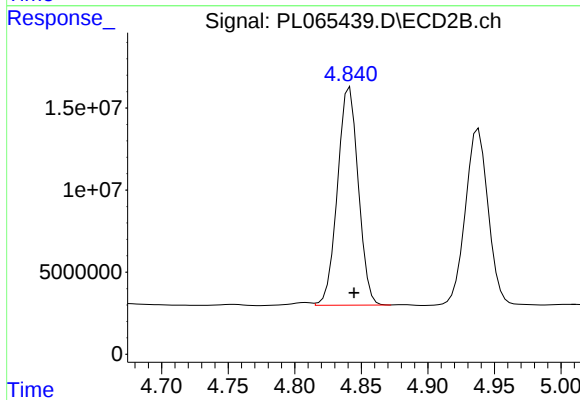
#7 delta-BHC

R.T.: 4.429 min
Delta R.T.: -0.002 min
Response: 163623554
Conc: 49.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

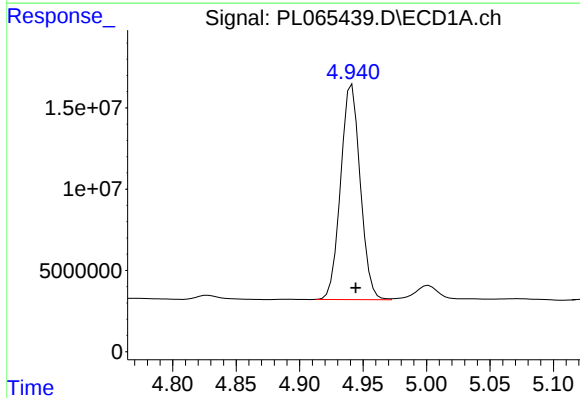
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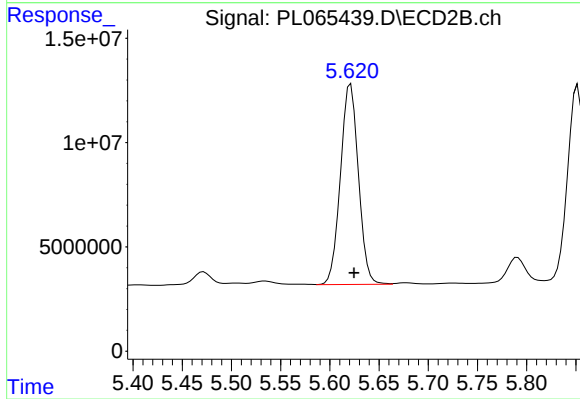
#7 delta-BHC

R.T.: 4.841 min
Delta R.T.: -0.003 min
Response: 144400843
Conc: 48.32 ng/ml



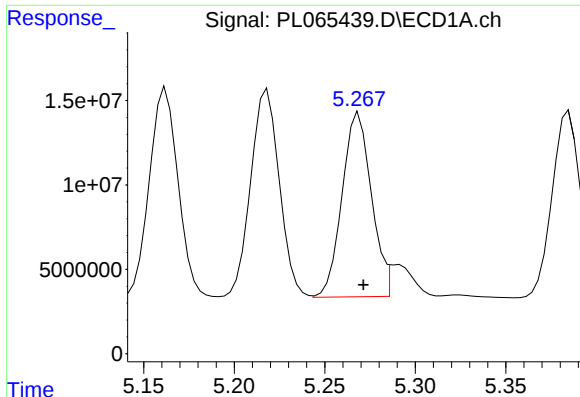
#8 Heptachlor epoxide

R.T.: 4.941 min
Delta R.T.: -0.003 min
Response: 142279968
Conc: 48.11 ng/ml



#8 Heptachlor epoxide

R.T.: 5.621 min
Delta R.T.: -0.003 min
Response: 122183753
Conc: 42.27 ng/ml



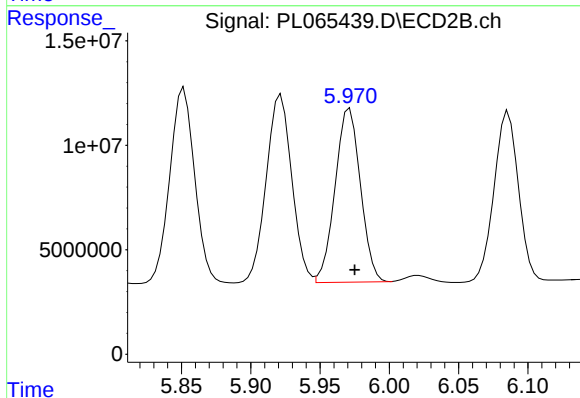
#9 Endosulfan I

R.T.: 5.267 min
Delta R.T.: -0.004 min
Response: 124769821
Conc: 45.77 ng/ml m

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

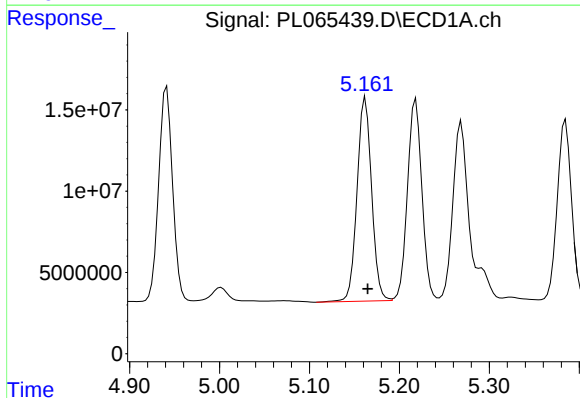
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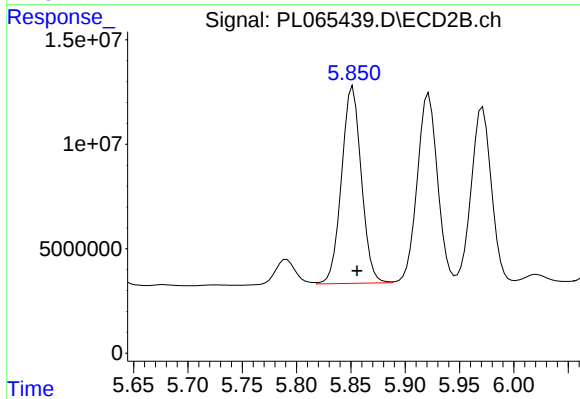
#9 Endosulfan I

R.T.: 5.971 min
Delta R.T.: -0.004 min
Response: 105899922
Conc: 40.22 ng/ml



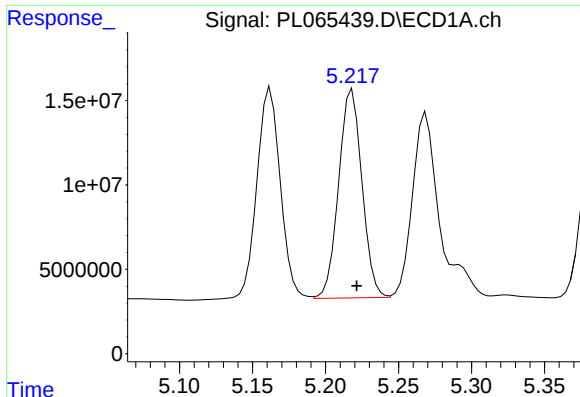
#10 gamma-Chlordane

R.T.: 5.162 min
Delta R.T.: -0.003 min
Response: 140773447
Conc: 47.68 ng/ml



#10 gamma-Chlordane

R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 119319687
Conc: 42.76 ng/ml



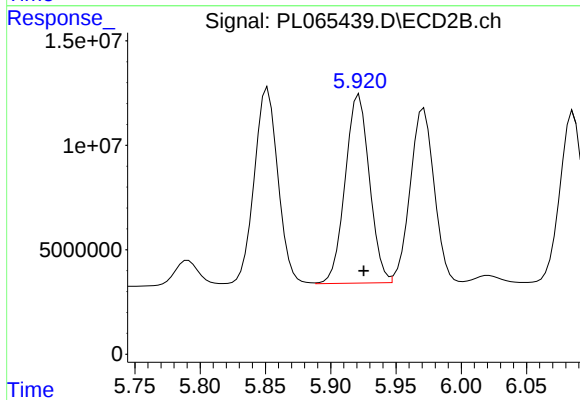
#11 alpha-Chlordane

R.T.: 5.218 min
Delta R.T.: -0.003 min
Response: 137092726
Conc: 47.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

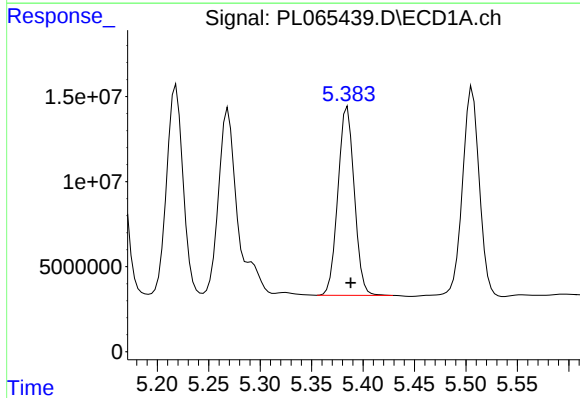
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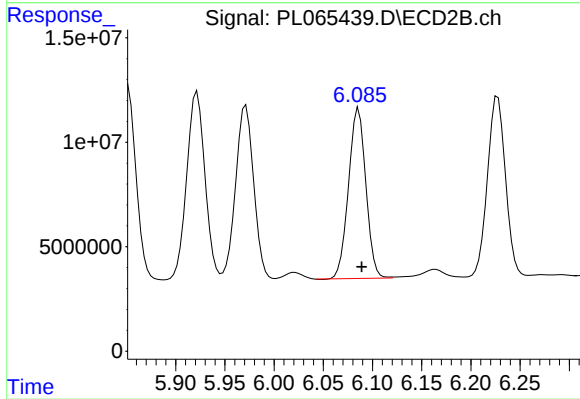
#11 alpha-Chlordane

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 116739179
Conc: 42.06 ng/ml



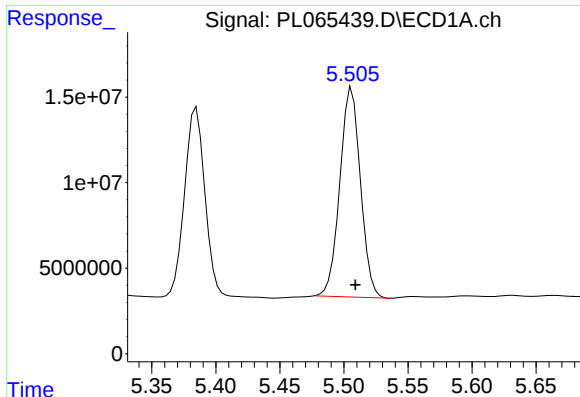
#12 4,4'-DDE

R.T.: 5.385 min
Delta R.T.: -0.003 min
Response: 122638730
Conc: 46.60 ng/ml



#12 4,4'-DDE

R.T.: 6.086 min
Delta R.T.: -0.003 min
Response: 99840634
Conc: 40.08 ng/ml



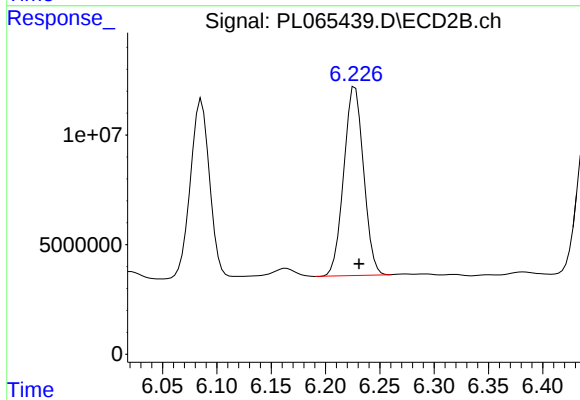
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: -0.003 min
Response: 136950741
Conc: 48.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

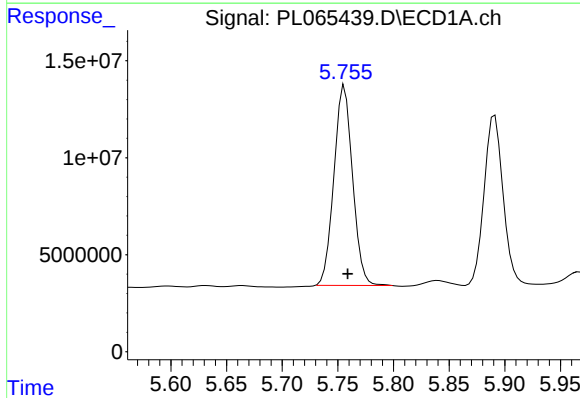
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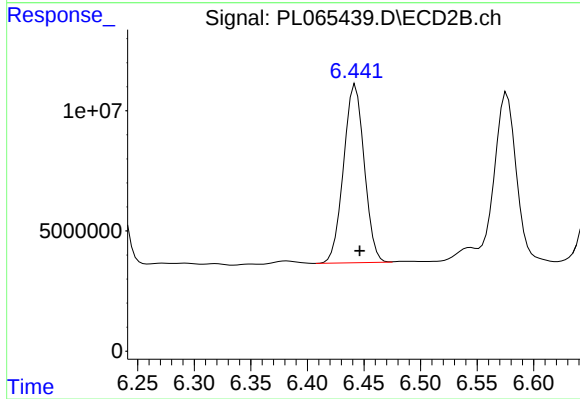
#13 Dieldrin

R.T.: 6.227 min
Delta R.T.: -0.004 min
Response: 109234879
Conc: 40.16 ng/ml



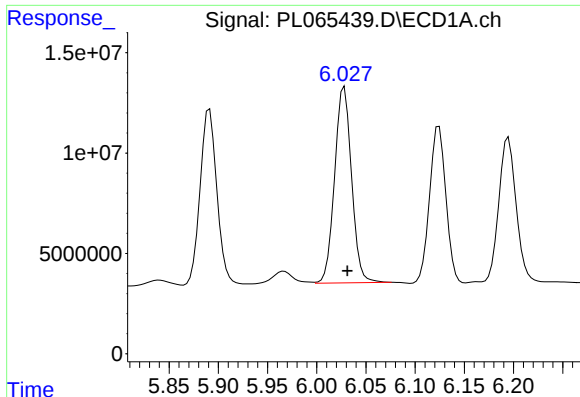
#14 Endrin

R.T.: 5.756 min
Delta R.T.: -0.003 min
Response: 120011706
Conc: 48.06 ng/ml



#14 Endrin

R.T.: 6.443 min
Delta R.T.: -0.004 min
Response: 94129064
Conc: 42.61 ng/ml



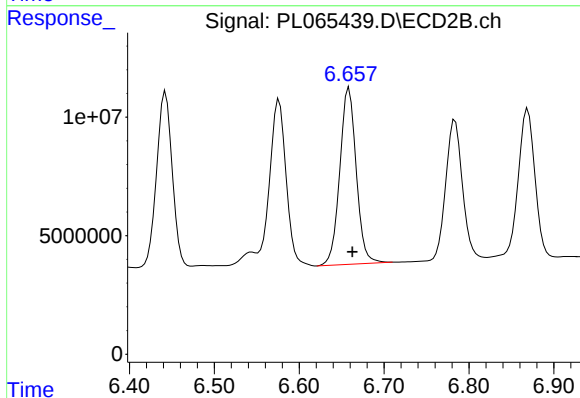
#15 Endosulfan II

R.T.: 6.028 min
Delta R.T.: -0.003 min
Response: 117215182
Conc: 47.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

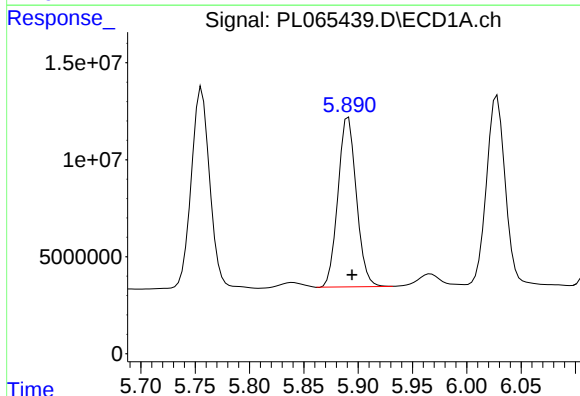
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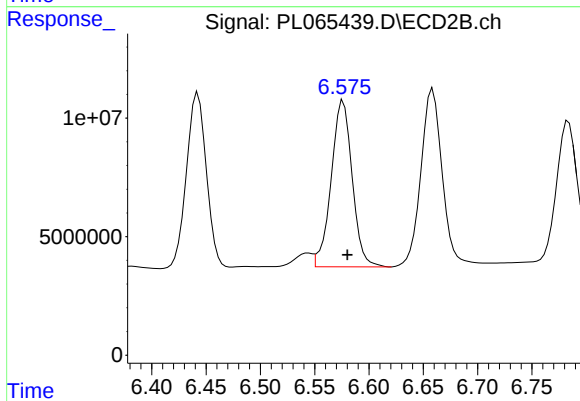
#15 Endosulfan II

R.T.: 6.659 min
Delta R.T.: -0.004 min
Response: 100157649
Conc: 44.37 ng/ml



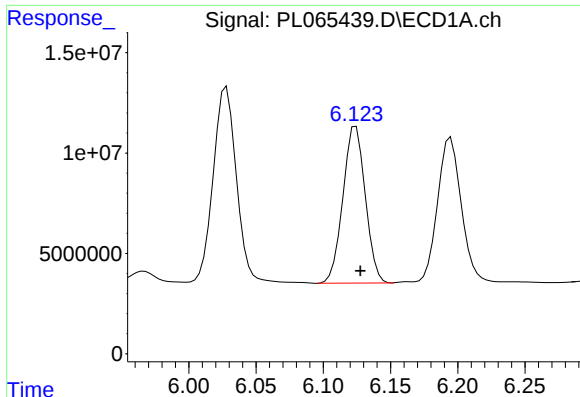
#16 4,4'-DDD

R.T.: 5.891 min
Delta R.T.: -0.003 min
Response: 103128766
Conc: 46.66 ng/ml



#16 4,4'-DDD

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 94501629
Conc: 42.96 ng/ml



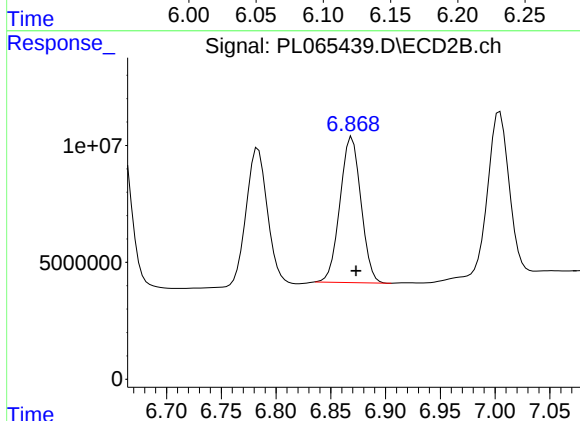
#17 4,4'-DDT

R.T.: 6.124 min
Delta R.T.: -0.003 min
Response: 90137100
Conc: 47.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

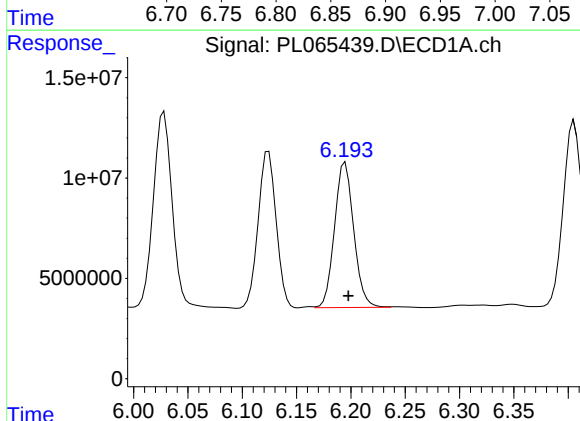
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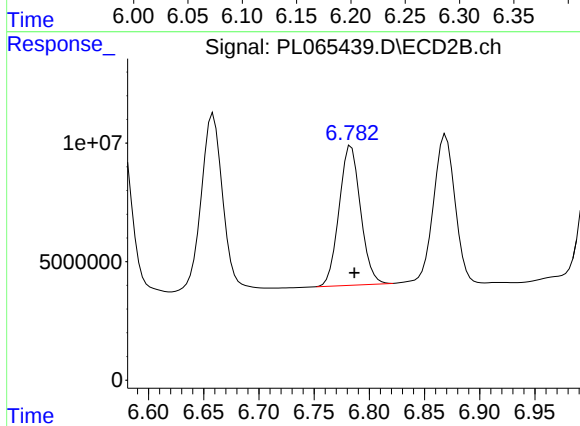
#17 4,4'-DDT

R.T.: 6.869 min
Delta R.T.: -0.004 min
Response: 82969676
Conc: 42.27 ng/ml



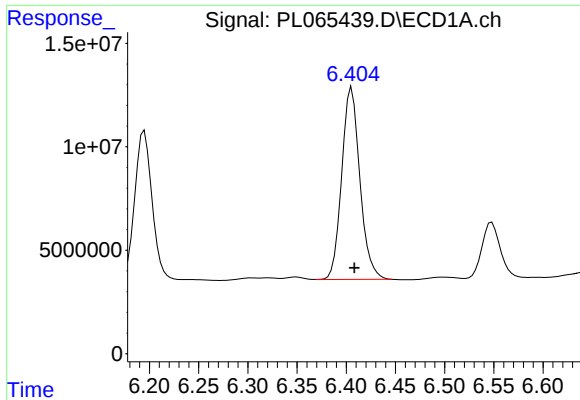
#18 Endrin aldehyde

R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 88726743
Conc: 46.21 ng/ml



#18 Endrin aldehyde

R.T.: 6.784 min
Delta R.T.: -0.003 min
Response: 79479515
Conc: 45.37 ng/ml



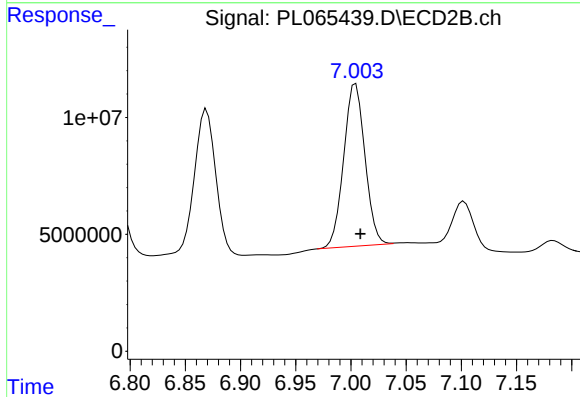
#19 Endosulfan Sulfate

R.T.: 6.405 min
Delta R.T.: -0.003 min
Response: 119161319
Conc: 48.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

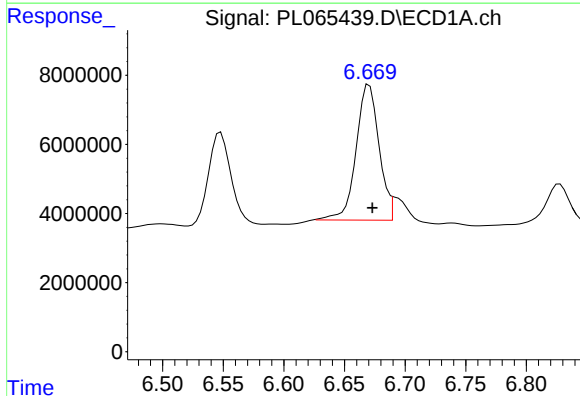
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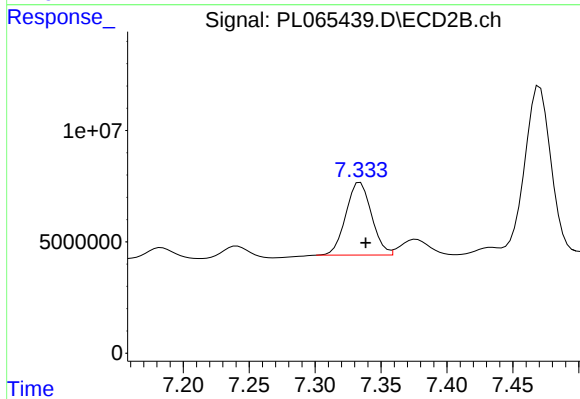
#19 Endosulfan Sulfate

R.T.: 7.003 min
Delta R.T.: -0.006 min
Response: 93237528
Conc: 42.50 ng/ml m



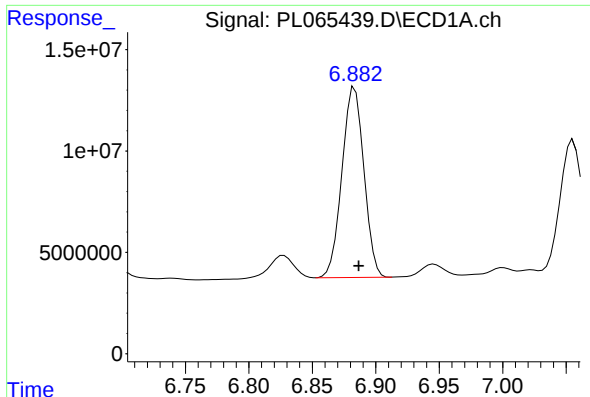
#20 Methoxychlor

R.T.: 6.669 min
Delta R.T.: -0.004 min
Response: 52098921
Conc: 45.44 ng/ml m



#20 Methoxychlor

R.T.: 7.334 min
Delta R.T.: -0.004 min
Response: 44153964
Conc: 42.28 ng/ml



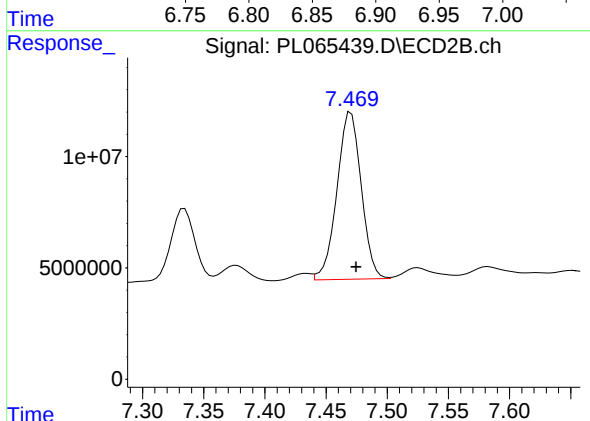
#21 Endrin ketone

R.T.: 6.883 min
Delta R.T.: -0.003 min
Response: 112972985
Conc: 42.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

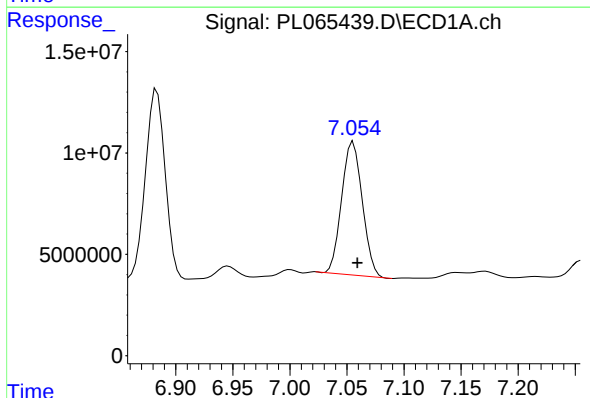
Manual Integrations
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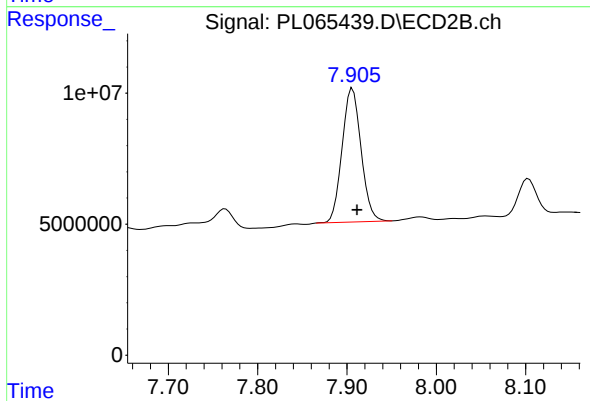
#21 Endrin ketone

R.T.: 7.470 min
Delta R.T.: -0.004 min
Response: 103675759
Conc: 43.94 ng/ml



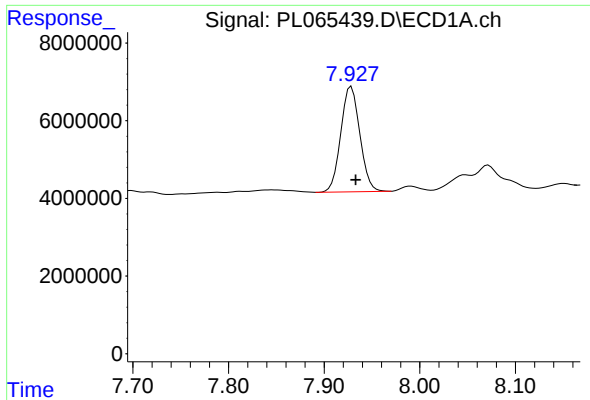
#22 Mirex

R.T.: 7.056 min
Delta R.T.: -0.003 min
Response: 83037125
Conc: 40.78 ng/ml



#22 Mirex

R.T.: 7.906 min
Delta R.T.: -0.005 min
Response: 75449018
Conc: 45.33 ng/ml



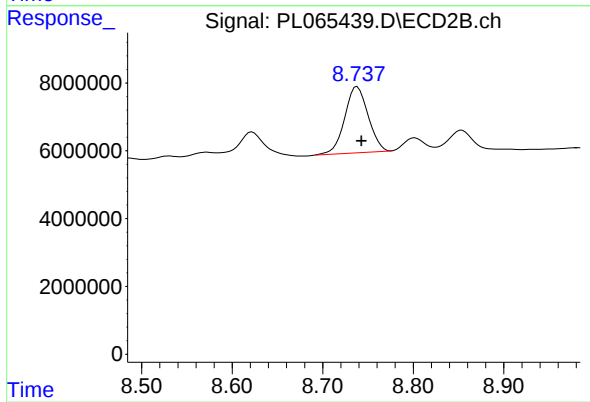
#28 Decachlorobiphenyl

R.T.: 7.928 min
Delta R.T.: -0.005 min
Response: 37654074
Conc: 15.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.738 min
Delta R.T.: -0.005 min
Response: 35163330
Conc: 17.74 ng/ml