

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031921\
 Data File : PL065438.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2021 13:49
 Operator : AR\AJ
 Sample : M1682-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-MANHOLES

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 16:28:34 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...	3.289	3.787	44524956	44477636	18.749	16.205
2)	SA Decachlor...	7.929	8.739	37386395	34853617	15.474	17.584
Target Compounds							
2)	A alpha-BHC	3.713	4.172	186.4E6	168.7E6	49.853	41.508
3)	MA gamma-BHC...	3.986	4.452	175.0E6	152.5E6	51.167	41.756
4)	MA Heptachlor	4.272	4.938	145.2E6	126.5E6	44.359	37.920
5)	MB Aldrin	4.509	5.235	148.8E6	127.2E6	46.969	38.852
6)	B beta-BHC	4.236	4.634	67245710	64738733	47.553	37.579
7)	B delta-BHC	4.430	4.842	161.1E6	142.2E6	48.427	47.597
8)	B Heptachlo...	4.942	5.621	140.3E6	120.6E6	47.458	41.722
9)	A Endosulfan I	5.270	5.971	138.4E6	105.0E6	50.762	39.868
10)	B gamma-Chl...	5.163	5.852	138.7E6	118.9E6	46.972	42.611
11)	B alpha-Chl...	5.219	5.921	135.3E6	116.1E6	46.490	41.847
12)	B 4,4'-DDE	5.386	6.085	121.9E6	98688665	46.303	39.622
13)	MA Dieldrin	5.507	6.227	135.5E6	108.6E6	48.407	39.939
14)	MA Endrin	5.756	6.443	120.0E6	92836770	48.048	42.030
15)	B Endosulfa...	6.029	6.659	115.7E6	99226864	47.231	43.958
16)	A 4,4'-DDD	5.892	6.576	101.4E6	92635970	45.885	42.117
17)	MA 4,4'-DDT	6.125	6.869	89337877	81931131	47.200	41.742
18)	B Endrin al...	6.196	6.783	87780458	78172879	45.713	44.622
19)	B Endosulfa...	6.406	7.004	117.8E6	100.5E6	47.667	45.832
20)	A Methoxychlor	6.671	7.334	53398946	43483335	46.575	41.636
21)	B Endrin ke...	6.884	7.470	112.0E6	101.6E6	41.665	43.069
22)	Mirex	7.056	7.906	82562807	74145086	40.546	44.546
23)	Chlordane-1	4.134	4.754	962007	706808	11.167	6.267 #
24)	Chlordane-2	0.000	5.235f	0	127.2E6	N.D.	1168.324 #
25)	Chlordane-3	5.163	5.852	138.7E6	118.9E6	464.830	291.712 #
26)	Chlordane-4	5.219	5.921	135.3E6	116.1E6	496.600	241.425 #
27)	Chlordane-5	6.029	0.000	115.7E6	0	1157.300	N.D. #

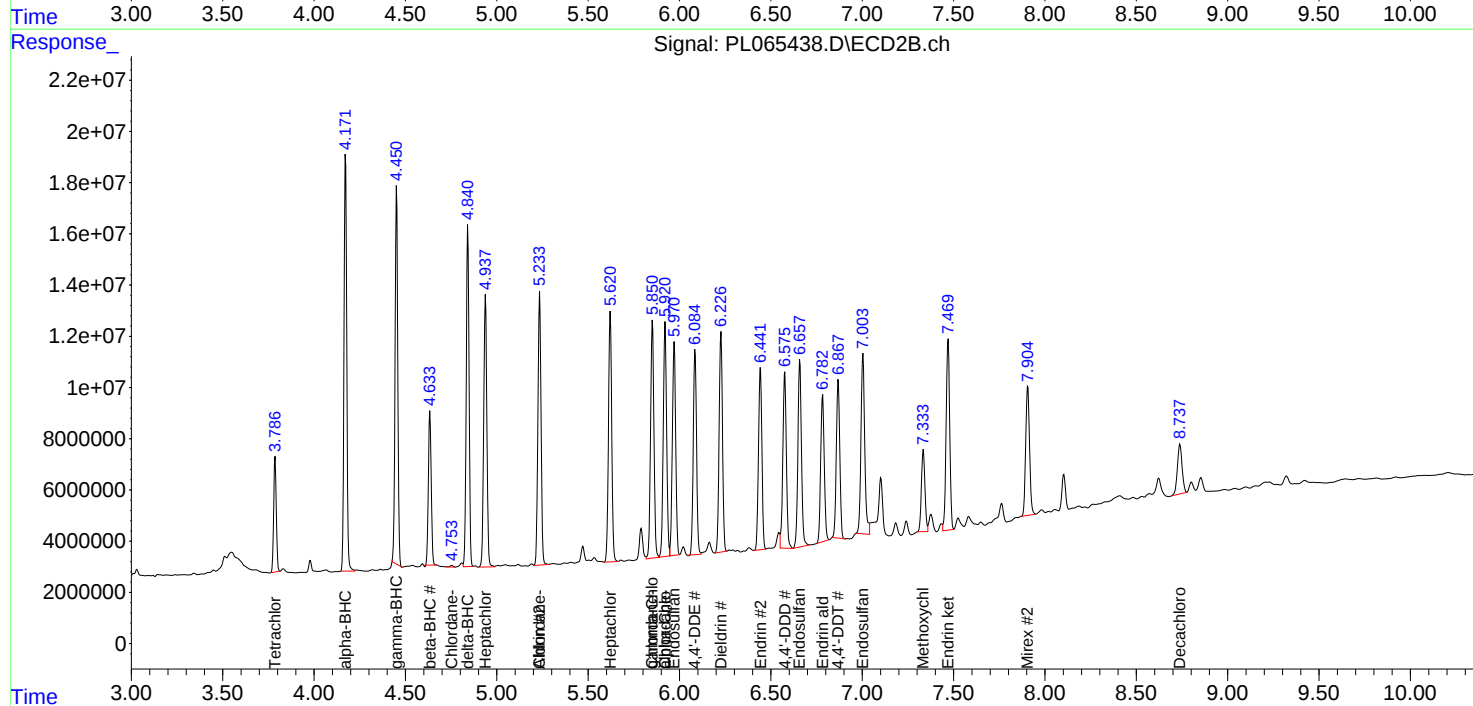
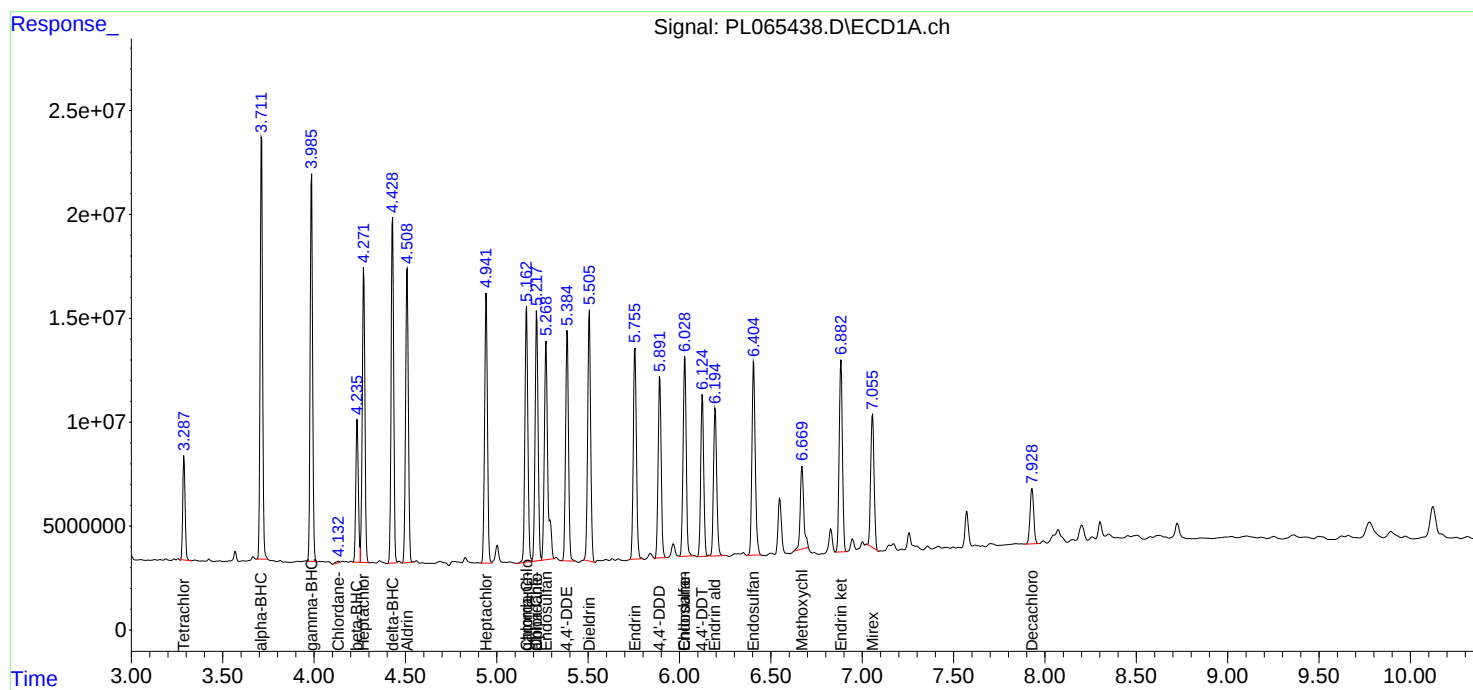
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

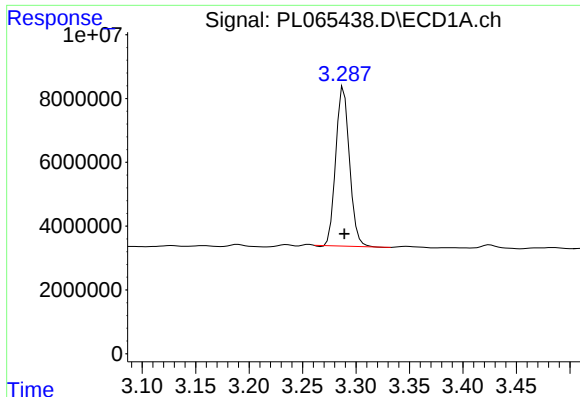
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031921\
Data File : PL065438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2021 13:49
Operator : AR\AJ
Sample : M1682-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampled :
SP-MANHOLES

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 16:28:34 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

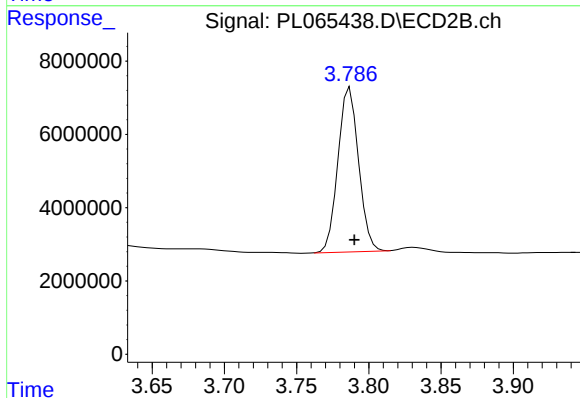




#1 Tetrachloro-m-xylene

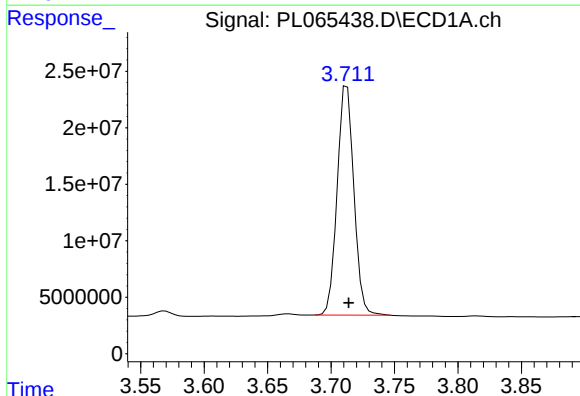
R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 44524956
Conc: 18.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES



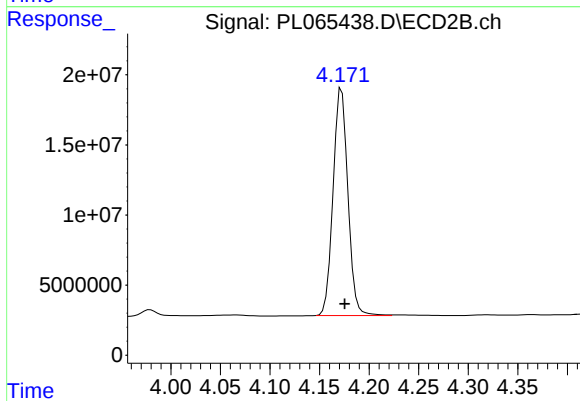
#1 Tetrachloro-m-xylene

R.T.: 3.787 min
Delta R.T.: -0.003 min
Response: 44477636
Conc: 16.20 ng/ml



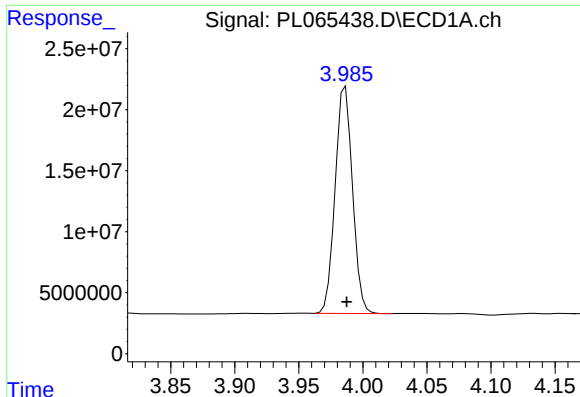
#2 alpha-BHC

R.T.: 3.713 min
Delta R.T.: -0.001 min
Response: 186386991
Conc: 49.85 ng/ml



#2 alpha-BHC

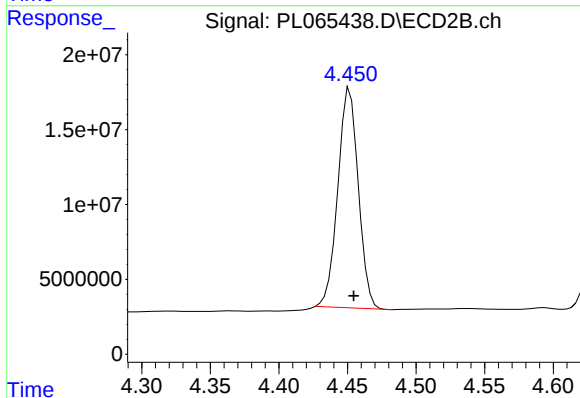
R.T.: 4.172 min
Delta R.T.: -0.003 min
Response: 168678158
Conc: 41.51 ng/ml



#3 gamma-BHC (Lindane)

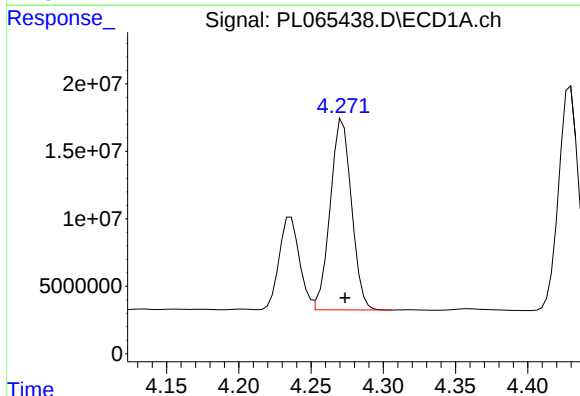
R.T.: 3.986 min
Delta R.T.: -0.001 min
Response: 174998060
Conc: 51.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES



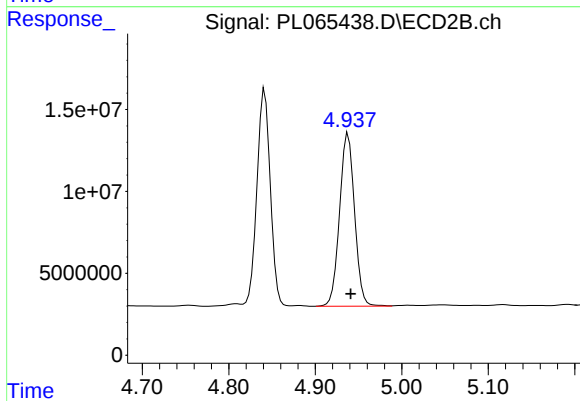
#3 gamma-BHC (Lindane)

R.T.: 4.452 min
Delta R.T.: -0.003 min
Response: 152473275
Conc: 41.76 ng/ml



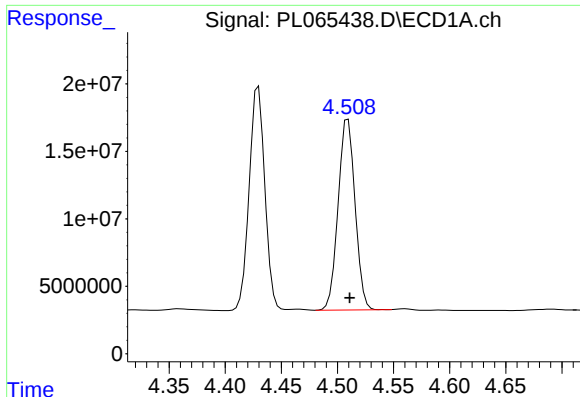
#4 Heptachlor

R.T.: 4.272 min
Delta R.T.: -0.001 min
Response: 145175356
Conc: 44.36 ng/ml



#4 Heptachlor

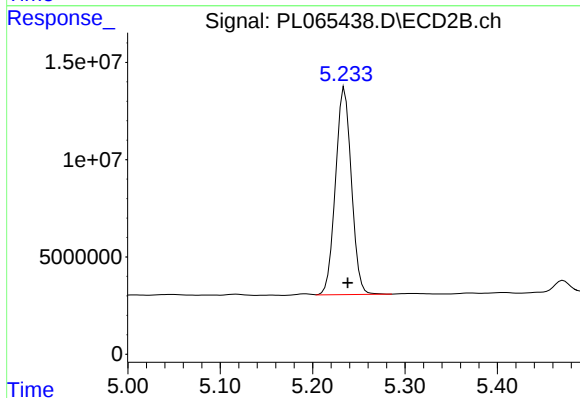
R.T.: 4.938 min
Delta R.T.: -0.003 min
Response: 126451834
Conc: 37.92 ng/ml



#5 Aldrin

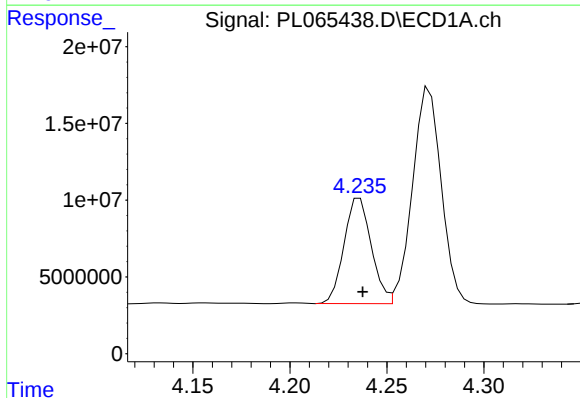
R.T.: 4.509 min
Delta R.T.: -0.002 min
Response: 148827405
Conc: 46.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES



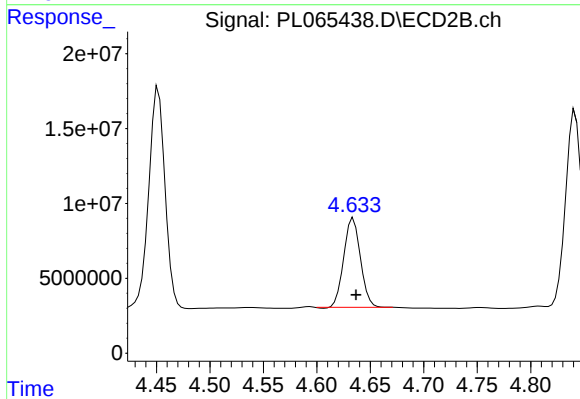
#5 Aldrin

R.T.: 5.235 min
Delta R.T.: -0.003 min
Response: 127245753
Conc: 38.85 ng/ml



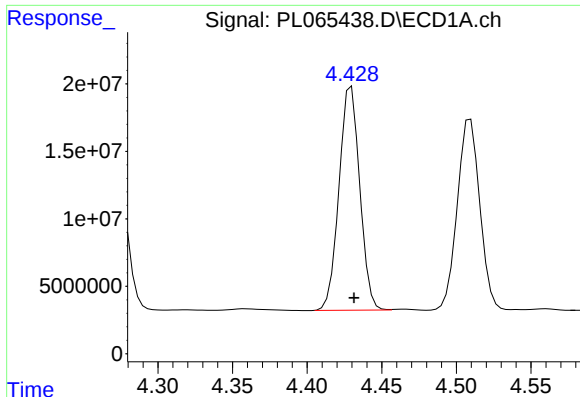
#6 beta-BHC

R.T.: 4.236 min
Delta R.T.: -0.001 min
Response: 67245710
Conc: 47.55 ng/ml



#6 beta-BHC

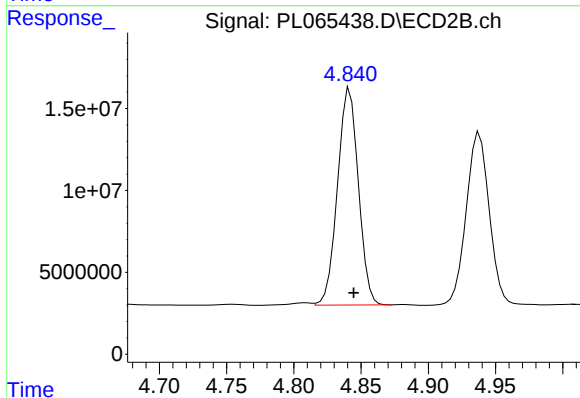
R.T.: 4.634 min
Delta R.T.: -0.003 min
Response: 64738733
Conc: 37.58 ng/ml



#7 delta-BHC

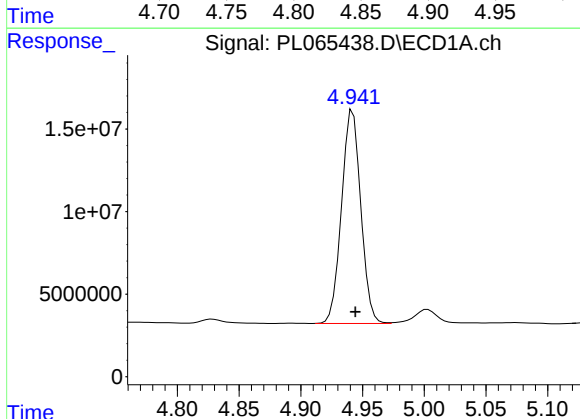
R.T.: 4.430 min
Delta R.T.: -0.002 min
Response: 161063834
Conc: 48.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES



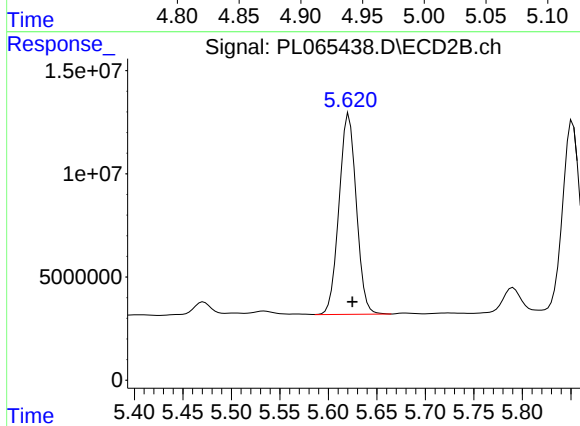
#7 delta-BHC

R.T.: 4.842 min
Delta R.T.: -0.003 min
Response: 142239626
Conc: 47.60 ng/ml



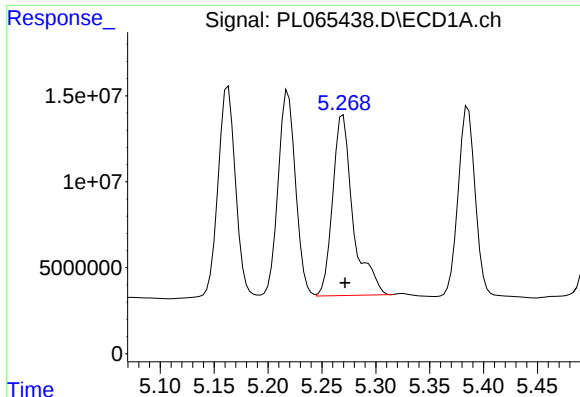
#8 Heptachlor epoxide

R.T.: 4.942 min
Delta R.T.: -0.002 min
Response: 140340629
Conc: 47.46 ng/ml



#8 Heptachlor epoxide

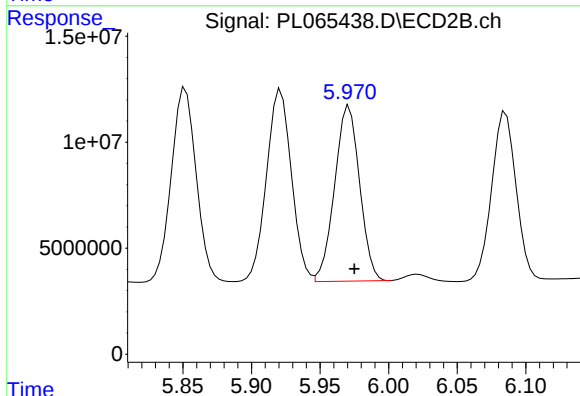
R.T.: 5.621 min
Delta R.T.: -0.003 min
Response: 120607525
Conc: 41.72 ng/ml



#9 Endosulfan I

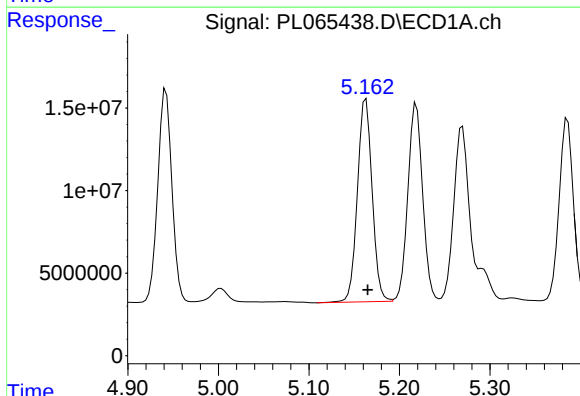
R.T.: 5.270 min
Delta R.T.: -0.002 min
Response: 138368722
Conc: 50.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES



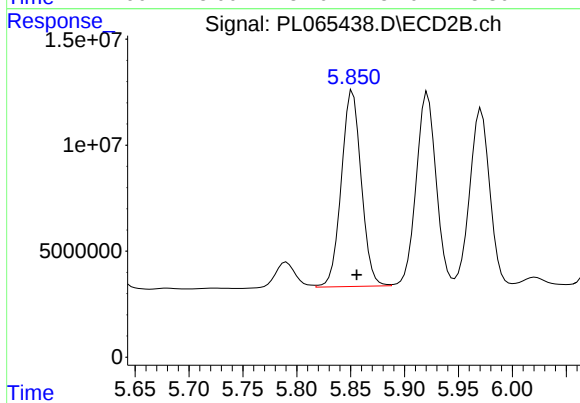
#9 Endosulfan I

R.T.: 5.971 min
Delta R.T.: -0.004 min
Response: 104962610
Conc: 39.87 ng/ml



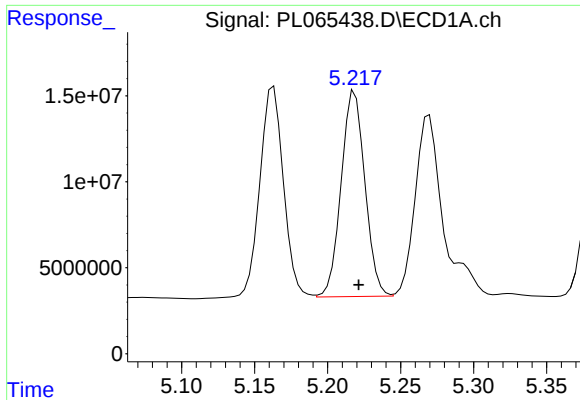
#10 gamma-Chlordane

R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 138691664
Conc: 46.97 ng/ml



#10 gamma-Chlordane

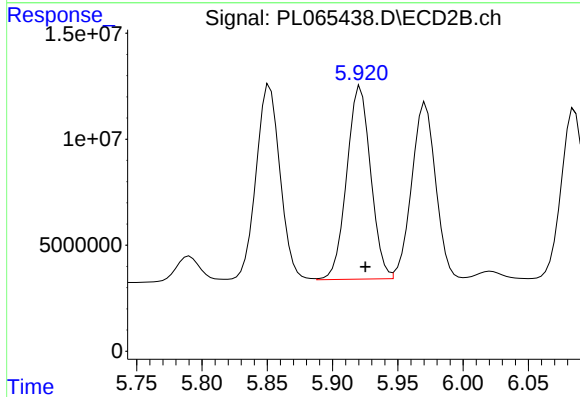
R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 118909618
Conc: 42.61 ng/ml



#11 alpha-Chlordane

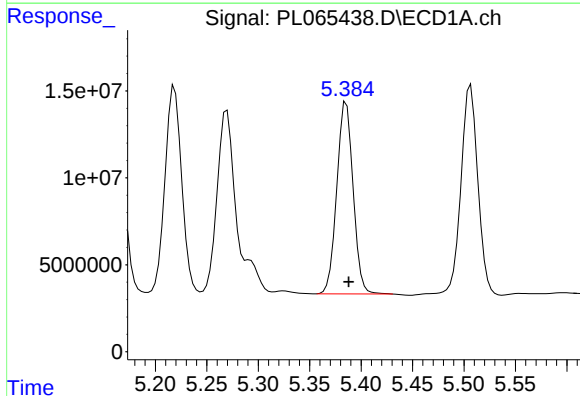
R.T.: 5.219 min
Delta R.T.: -0.003 min
Response: 135290972
Conc: 46.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES



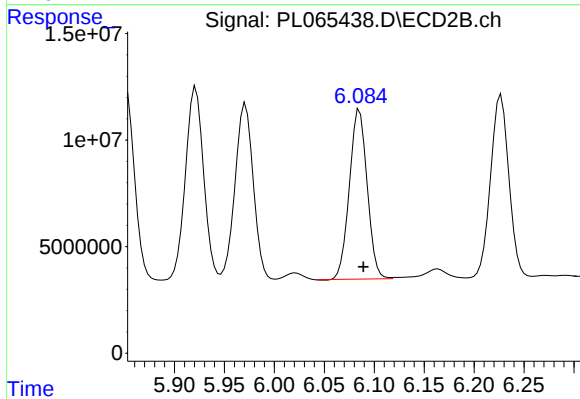
#11 alpha-Chlordane

R.T.: 5.921 min
Delta R.T.: -0.004 min
Response: 116143063
Conc: 41.85 ng/ml



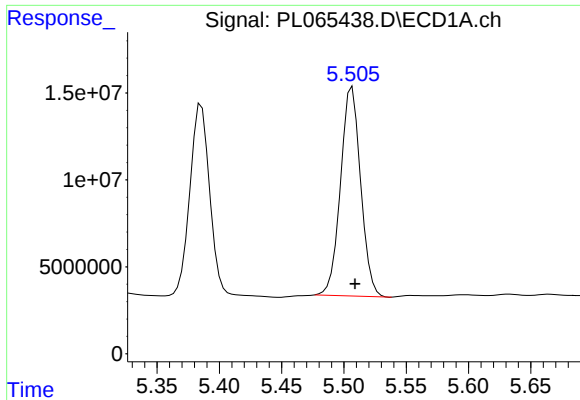
#12 4,4'-DDE

R.T.: 5.386 min
Delta R.T.: -0.002 min
Response: 121850235
Conc: 46.30 ng/ml



#12 4,4'-DDE

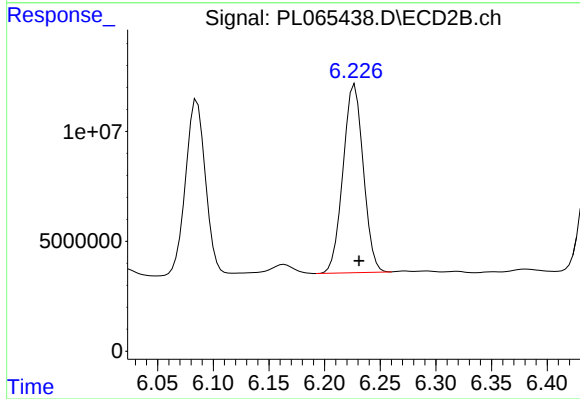
R.T.: 6.085 min
Delta R.T.: -0.004 min
Response: 98688665
Conc: 39.62 ng/ml



#13 Dieldrin

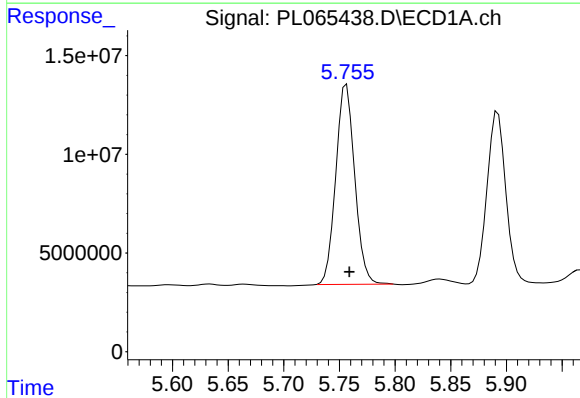
R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 135503152
Conc: 48.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES



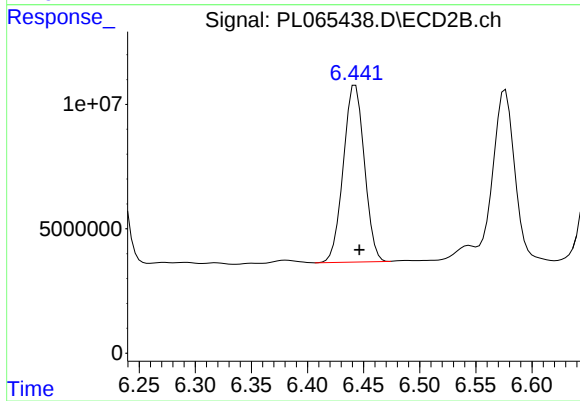
#13 Dieldrin

R.T.: 6.227 min
Delta R.T.: -0.004 min
Response: 108641601
Conc: 39.94 ng/ml



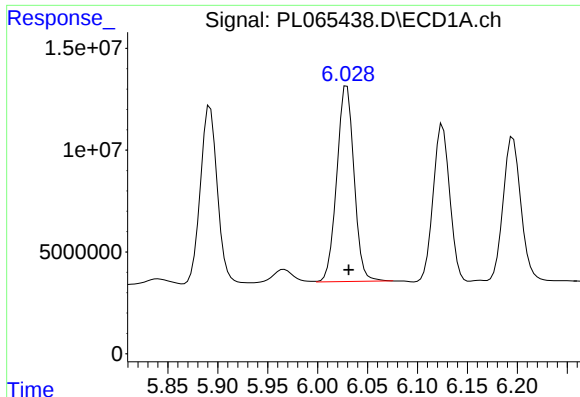
#14 Endrin

R.T.: 5.756 min
Delta R.T.: -0.003 min
Response: 119973641
Conc: 48.05 ng/ml



#14 Endrin

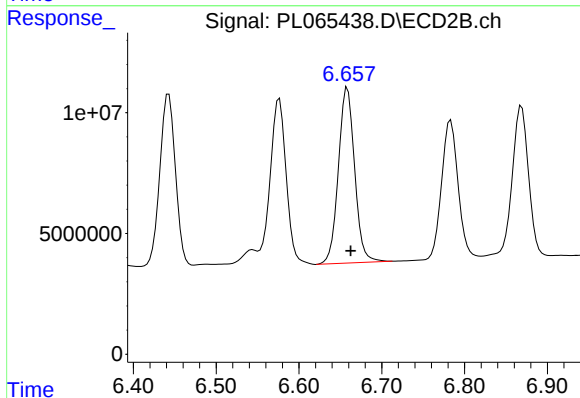
R.T.: 6.443 min
Delta R.T.: -0.004 min
Response: 92836770
Conc: 42.03 ng/ml



#15 Endosulfan II

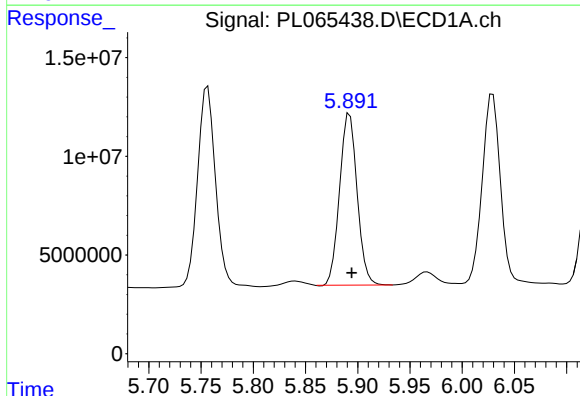
R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 115703929
Conc: 47.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES



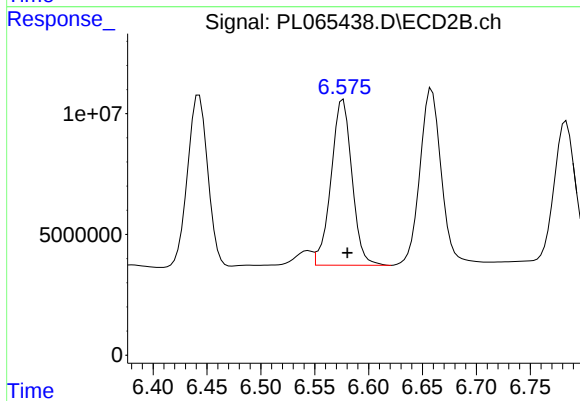
#15 Endosulfan II

R.T.: 6.659 min
Delta R.T.: -0.004 min
Response: 99226864
Conc: 43.96 ng/ml



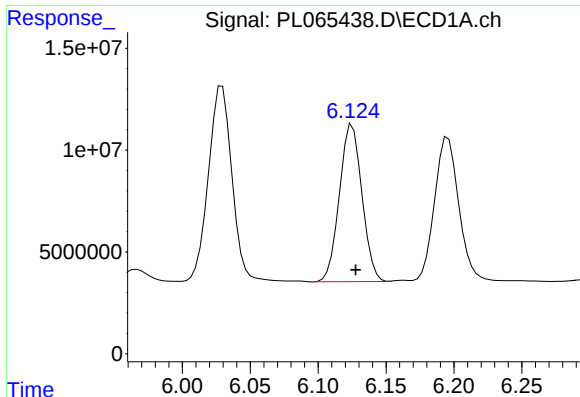
#16 4,4'-DDD

R.T.: 5.892 min
Delta R.T.: -0.002 min
Response: 101412330
Conc: 45.88 ng/ml



#16 4,4'-DDD

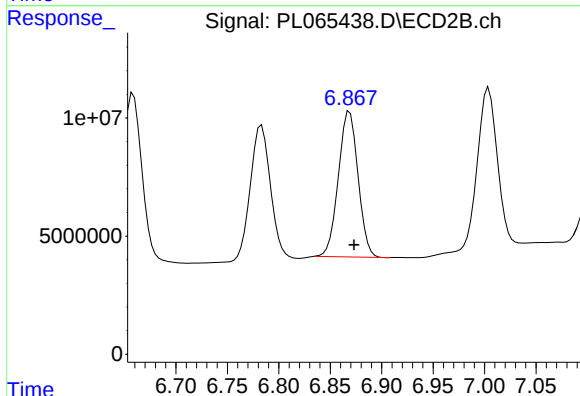
R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 92635970
Conc: 42.12 ng/ml



#17 4,4'-DDT

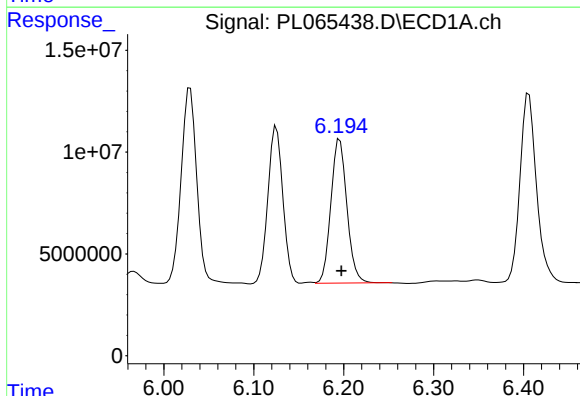
R.T.: 6.125 min
Delta R.T.: -0.002 min
Response: 89337877
Conc: 47.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES



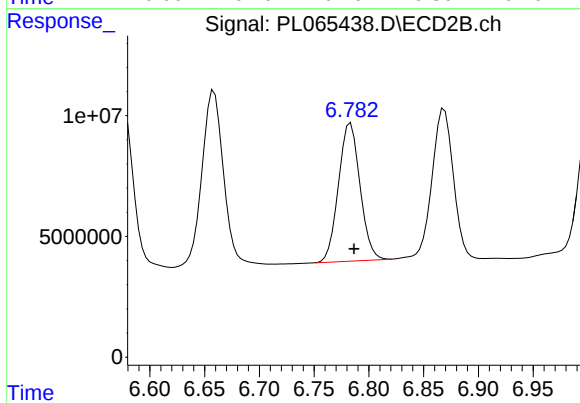
#17 4,4'-DDT

R.T.: 6.869 min
Delta R.T.: -0.004 min
Response: 81931131
Conc: 41.74 ng/ml



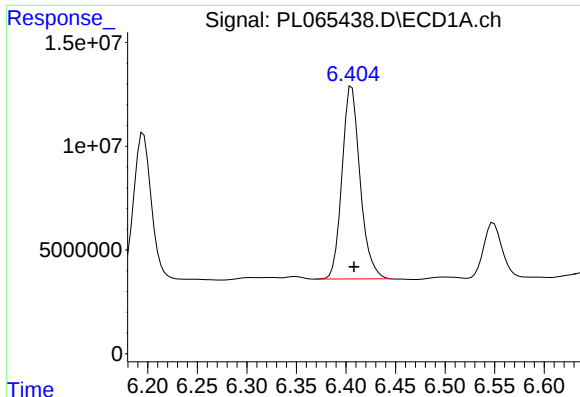
#18 Endrin aldehyde

R.T.: 6.196 min
Delta R.T.: -0.002 min
Response: 87780458
Conc: 45.71 ng/ml



#18 Endrin aldehyde

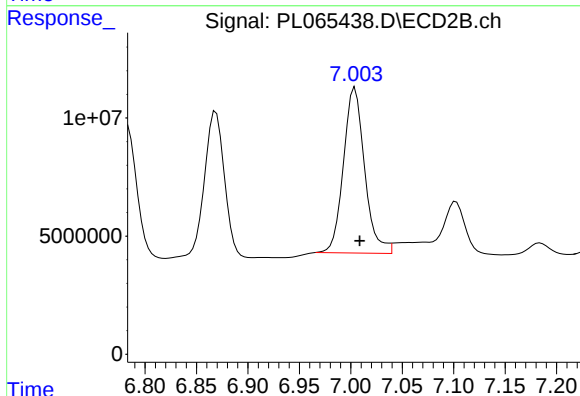
R.T.: 6.783 min
Delta R.T.: -0.003 min
Response: 78172879
Conc: 44.62 ng/ml



#19 Endosulfan Sulfate

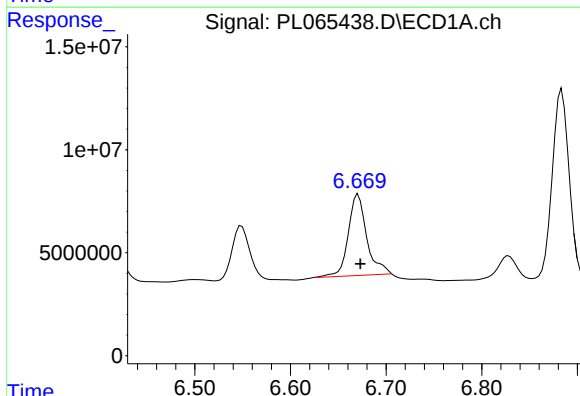
R.T.: 6.406 min
Delta R.T.: -0.002 min
Response: 117809088
Conc: 47.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES



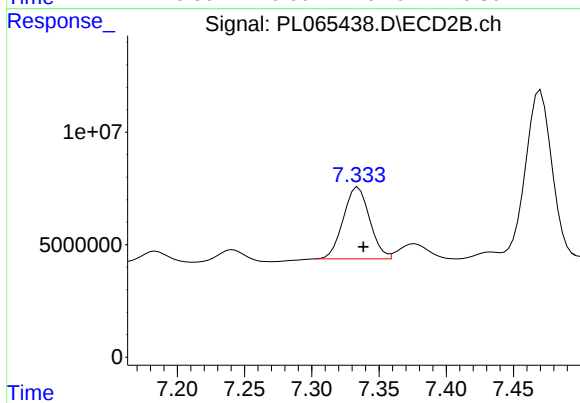
#19 Endosulfan Sulfate

R.T.: 7.004 min
Delta R.T.: -0.004 min
Response: 100542917
Conc: 45.83 ng/ml



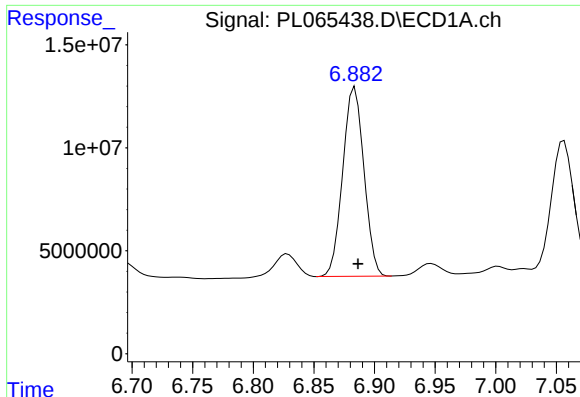
#20 Methoxychlor

R.T.: 6.671 min
Delta R.T.: -0.002 min
Response: 53398946
Conc: 46.58 ng/ml



#20 Methoxychlor

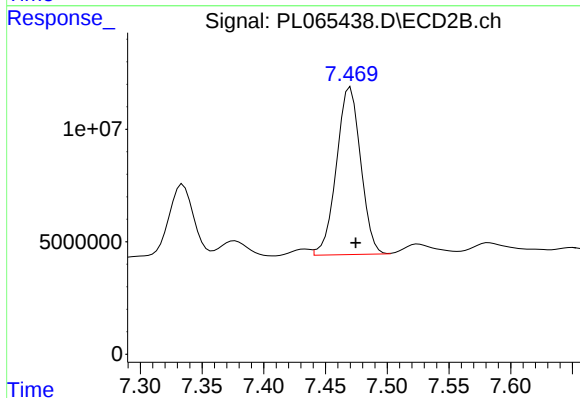
R.T.: 7.334 min
Delta R.T.: -0.004 min
Response: 43483335
Conc: 41.64 ng/ml



#21 Endrin ketone

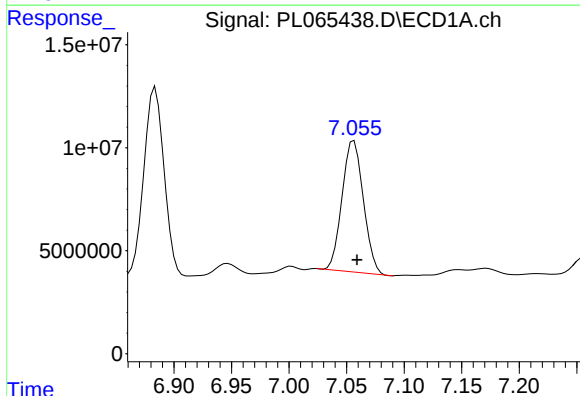
R.T.: 6.884 min
Delta R.T.: -0.003 min
Response: 111991925
Conc: 41.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES



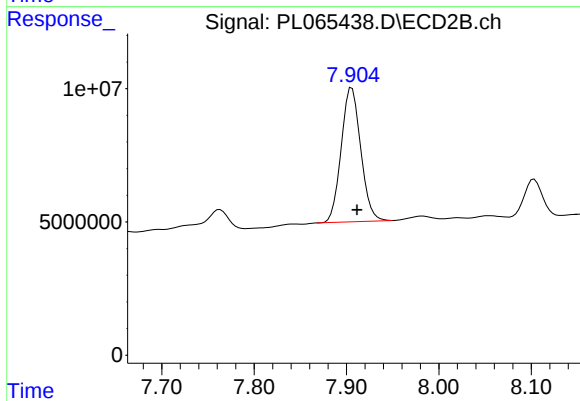
#21 Endrin ketone

R.T.: 7.470 min
Delta R.T.: -0.004 min
Response: 101613080
Conc: 43.07 ng/ml



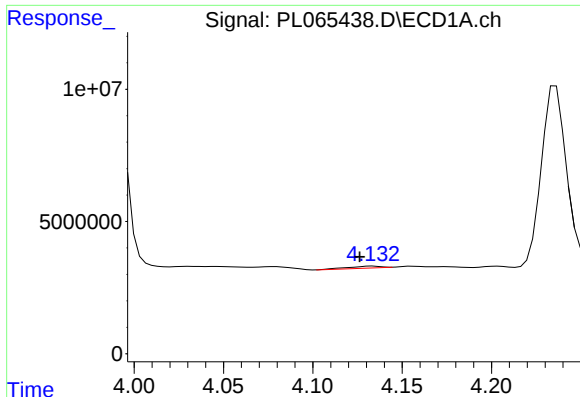
#22 Mirex

R.T.: 7.056 min
Delta R.T.: -0.003 min
Response: 82562807
Conc: 40.55 ng/ml



#22 Mirex

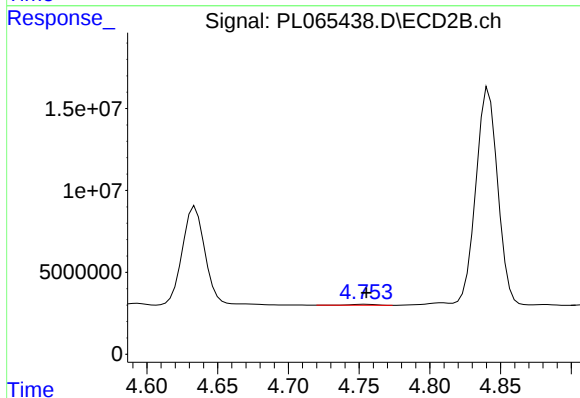
R.T.: 7.906 min
Delta R.T.: -0.006 min
Response: 74145086
Conc: 44.55 ng/ml



#23 Chlordane-1

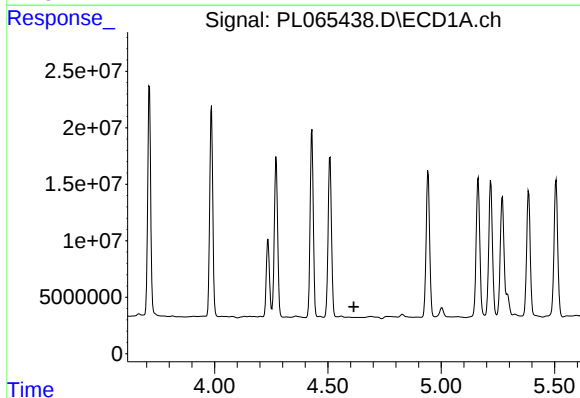
R.T.: 4.134 min
Delta R.T.: 0.008 min
Response: 962007
Conc: 11.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES



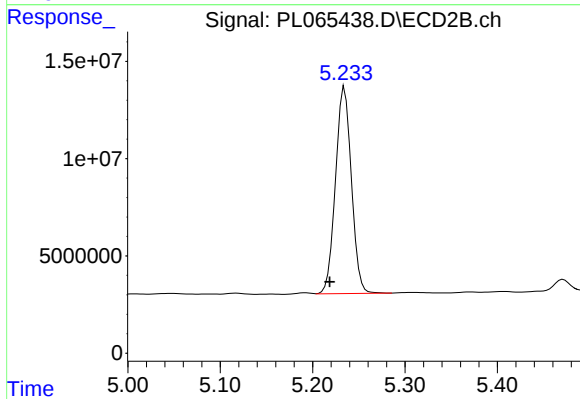
#23 Chlordane-1

R.T.: 4.754 min
Delta R.T.: -0.001 min
Response: 706808
Conc: 6.27 ng/ml



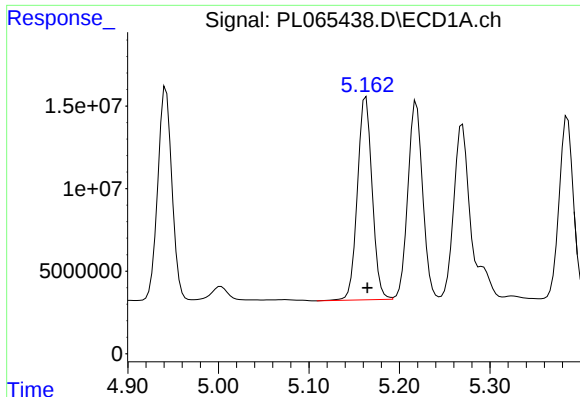
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.614 min
Response: 0
Conc: N.D.



#24 Chlordane-2

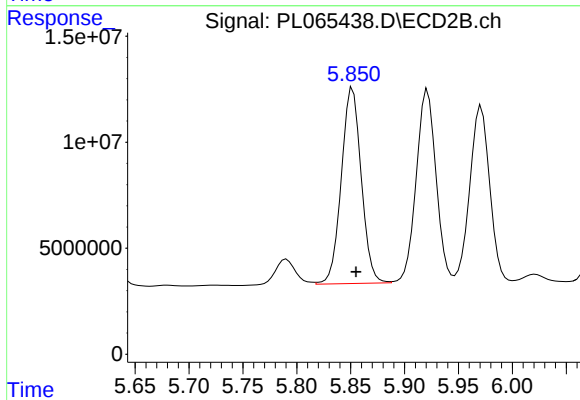
R.T.: 5.235 min
Delta R.T.: 0.016 min
Response: 127245753
Conc: 1168.32 ng/ml



#25 Chlordane-3

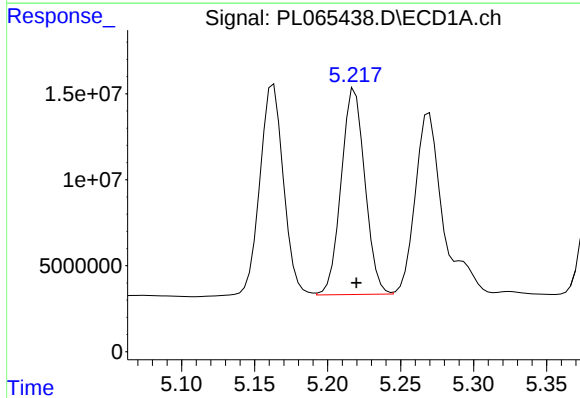
R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 138691664
Conc: 464.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES



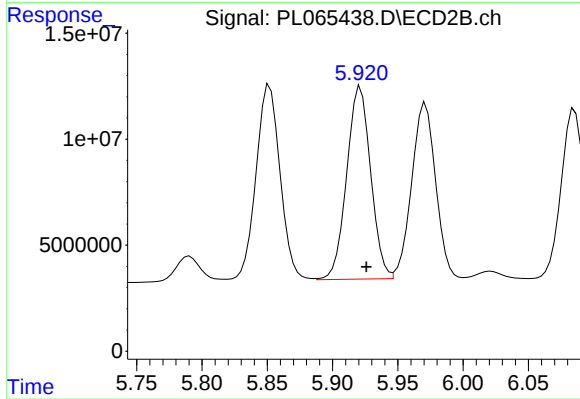
#25 Chlordane-3

R.T.: 5.852 min
Delta R.T.: -0.003 min
Response: 118909618
Conc: 291.71 ng/ml



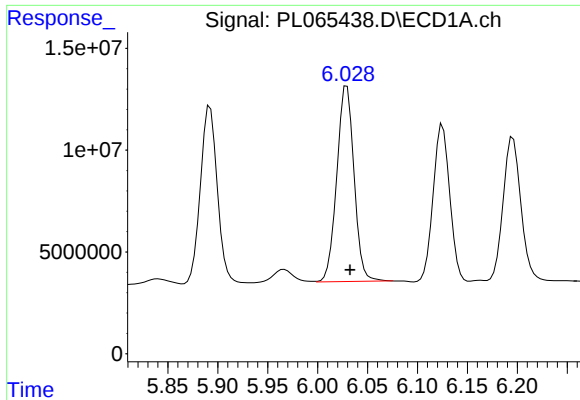
#26 Chlordane-4

R.T.: 5.219 min
Delta R.T.: -0.001 min
Response: 135290972
Conc: 496.60 ng/ml



#26 Chlordane-4

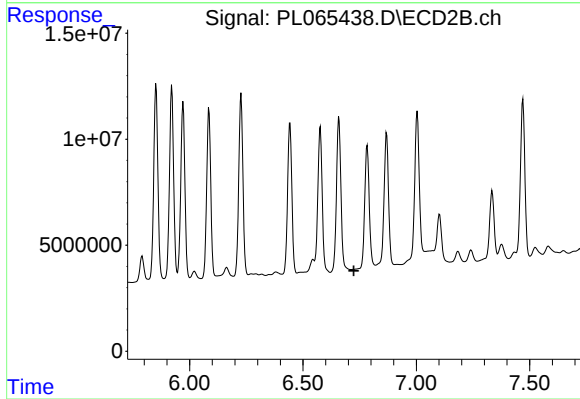
R.T.: 5.921 min
Delta R.T.: -0.005 min
Response: 116143063
Conc: 241.43 ng/ml



#27 Chlordane-5

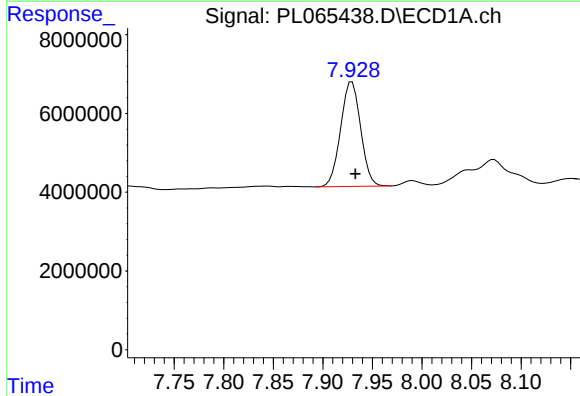
R.T.: 6.029 min
Delta R.T.: -0.003 min
Response: 115703929
Conc: 1157.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLES



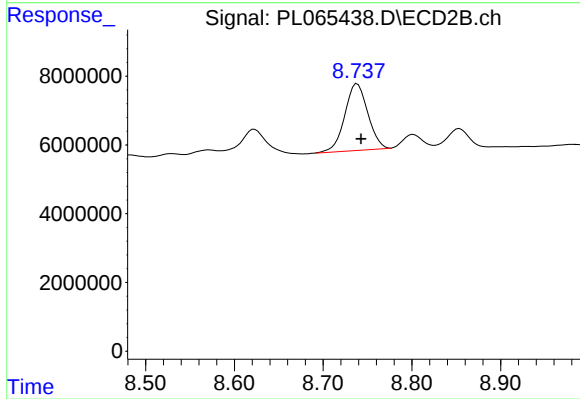
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.724 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: -0.004 min
Response: 37386395
Conc: 15.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.739 min
Delta R.T.: -0.004 min
Response: 34853617
Conc: 17.58 ng/ml