

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100920\
 Data File : PD059613.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2020 18:17
 Operator : DD\AJ
 Sample : L4291-04MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PAV-B4-100620-0-10MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 01:19:18 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100820.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 08 13:21:41 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.510	4.026	28244914	39694403	19.590	18.259
28)	SA Decachlor...	8.314	9.110	25209184	34447842	22.693	21.379
Target Compounds							
2)	A alpha-BHC	3.952	4.416	127.0E6	177.3E6	55.656	53.264
3)	MA gamma-BHC...	4.239	4.701	116.3E6	167.7E6	55.142	54.111
4)	MA Heptachlor	4.547	5.213	116.1E6	160.5E6	54.140	53.384
5)	MB Aldrin	4.799	5.520	109.7E6	150.1E6	55.228	54.418
6)	B beta-BHC	4.489	4.869	46405005	65942718	54.486	52.917
7)	B delta-BHC	4.697	5.088	111.0E6	161.5E6	56.154	58.748
8)	B Heptachlor...	5.246	5.907	98094295	138.9E6	55.280	54.247
9)	A Endosulfan I	5.589	6.265	89743699	125.8E6	55.508	54.195
10)	B gamma-Chl...	5.475	6.141	98153953	138.0E6	55.313	55.111
11)	B alpha-Chl...	5.535	6.214	97057036	136.3E6	55.288	54.009
12)	B 4,4'-DDE	5.699	6.369	94940493	131.4E6	55.987	55.334
13)	MA Dieldrin	5.835	6.522	96981132	136.1E6	56.301	55.046
14)	MA Endrin	6.094	6.741	82941609	115.9E6	56.201	55.098
15)	B Endosulfa...	6.368	6.948	80871410	117.0E6	55.885	54.523
16)	A 4,4'-DDD	6.219	6.859	79642410	114.9E6	56.999	56.752
17)	MA 4,4'-DDT	6.463	7.159	80499026	110.1E6	52.816	56.171
18)	B Endrin al...	6.537	7.072	66667793	96352480	54.922	54.668
19)	B Endosulfa...	6.752	7.294	73671846	107.3E6	57.220	53.806
20)	A Methoxychlor	7.012	7.615	41709494	54569869	55.599	51.994
21)	B Endrin ke...	7.247	7.767	86463989	113.0E6	57.970	52.855
22)	Mirex	7.443	8.223	58996835	72325891	55.801	51.768
23)	Chlordane-1	4.420f	0.000	2215871	0	42.650	N.D. #
24)	Chlordane-2	0.000	5.520f	0	150.1E6	N.D.	1888.093 #
25)	Chlordane-3	5.475	6.141	98153953	138.0E6	620.838	437.367 #
26)	Chlordane-4	5.535	6.214	97057036	136.3E6	765.768	362.644 #
27)	Chlordane-5	6.368	0.000	80871410	0	1533.843	N.D. #

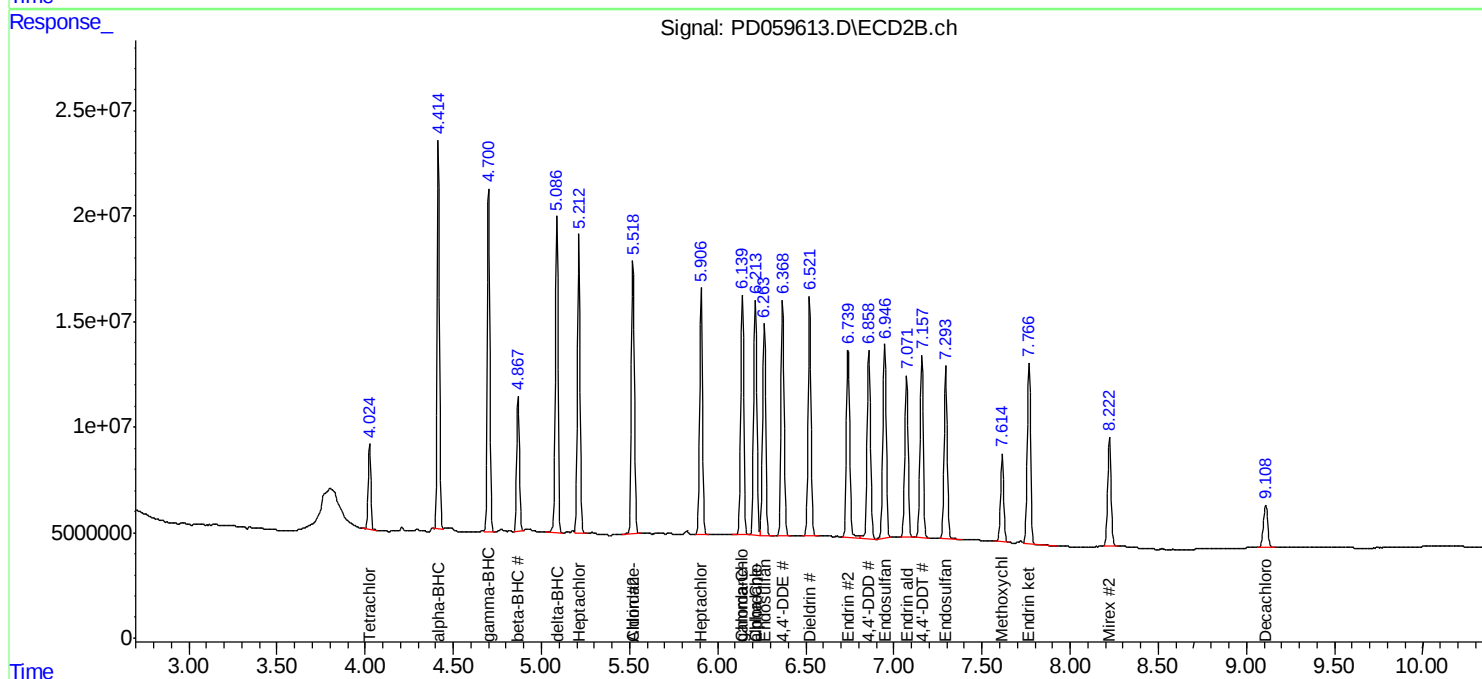
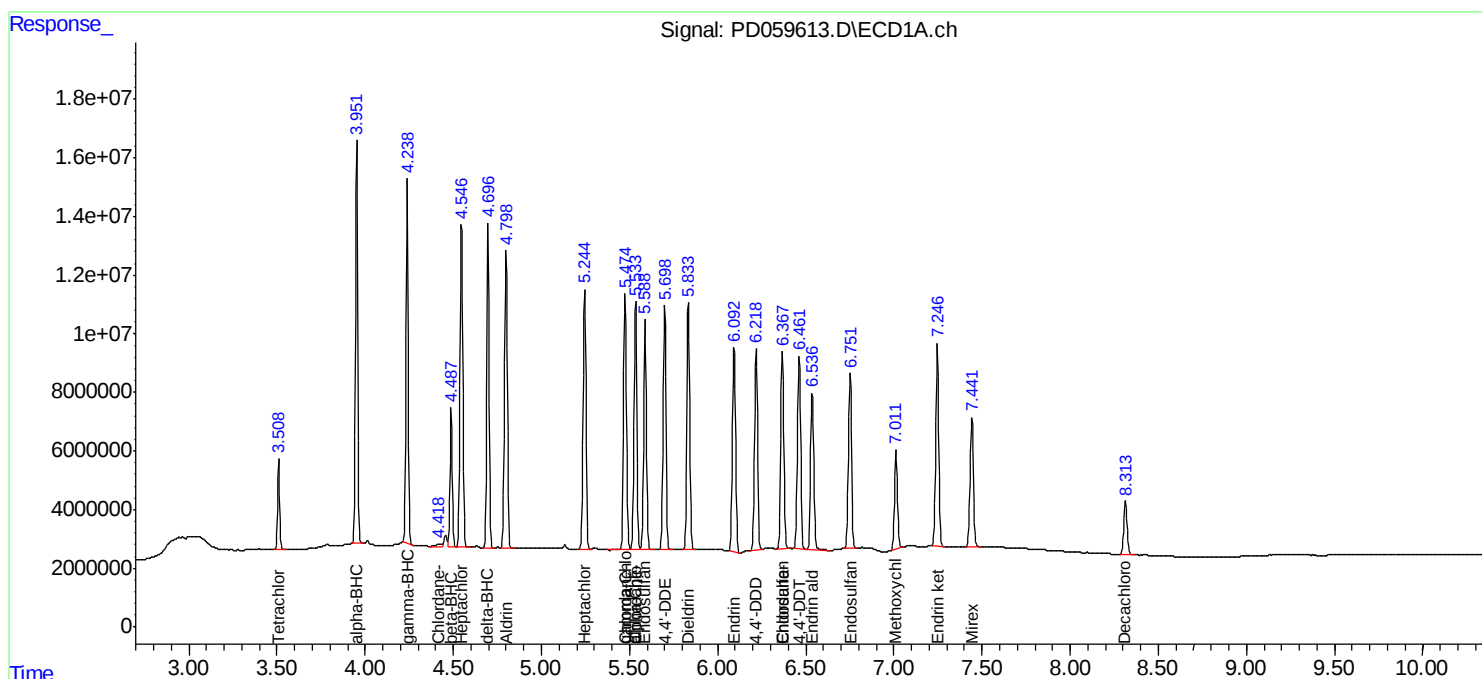
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

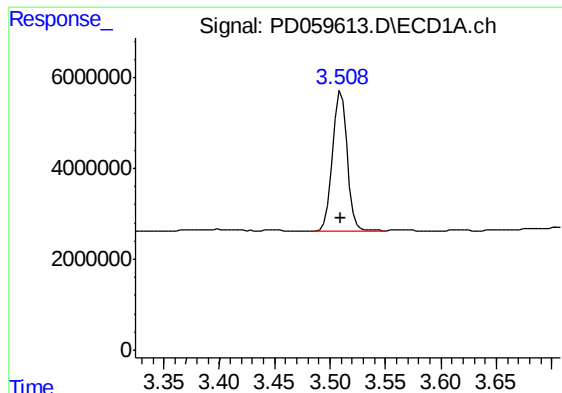
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100920\
Data File : PD059613.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2020 18:17
Operator : DD\AJ
Sample : L4291-04MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PAV-B4-100620-0-10MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 01:19:18 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100820.M
Quant Title : GC Extractables
QLast Update : Thu Oct 08 13:21:41 2020
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Volume Inj. : 2 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 x 0.50µm

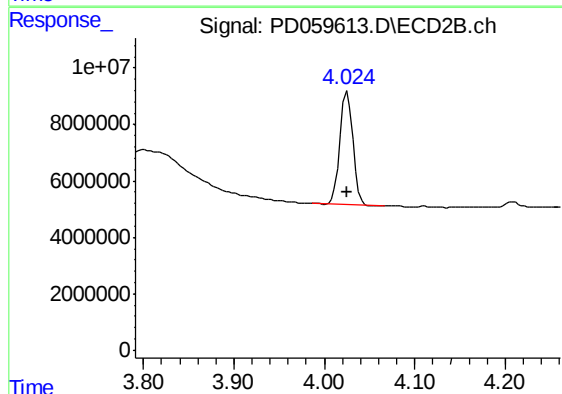




#1 Tetrachloro-m-xylene

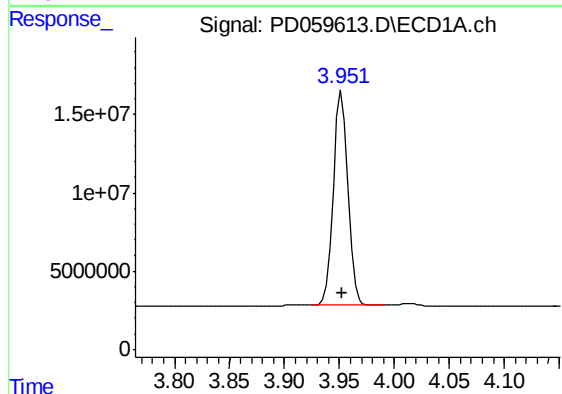
R.T.: 3.510 min
Delta R.T.: 0.000 min
Response: 28244914
Conc: 19.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PAV-B4-100620-0-10MSD



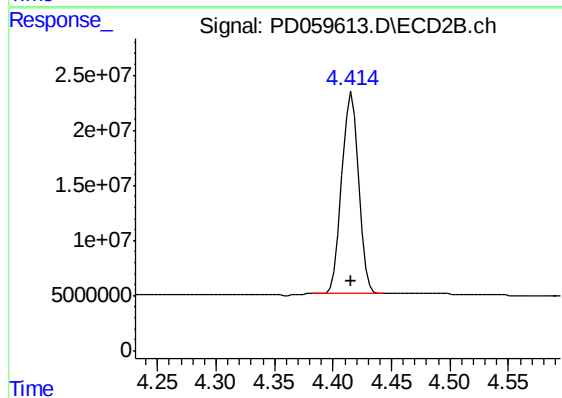
#1 Tetrachloro-m-xylene

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 39694403
Conc: 18.26 ng/ml



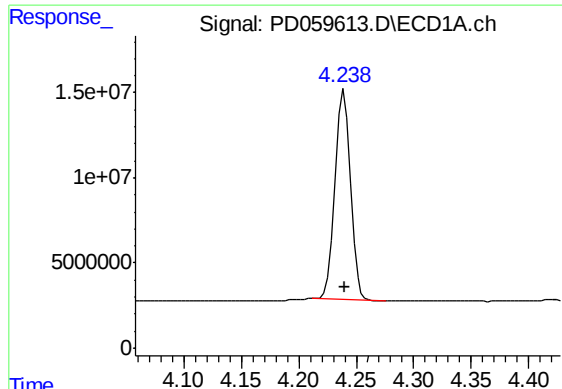
#2 alpha-BHC

R.T.: 3.952 min
Delta R.T.: 0.000 min
Response: 127038742
Conc: 55.66 ng/ml



#2 alpha-BHC

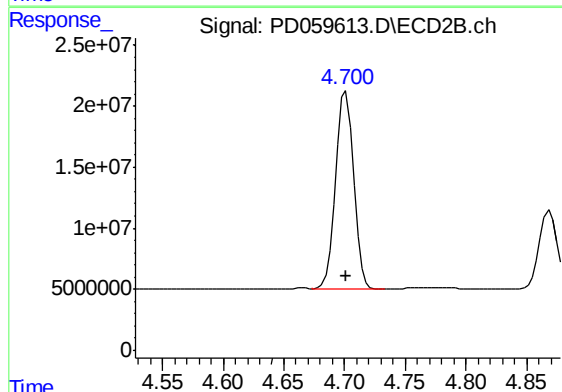
R.T.: 4.416 min
Delta R.T.: 0.000 min
Response: 177298821
Conc: 53.26 ng/ml



#3 gamma-BHC (Lindane)

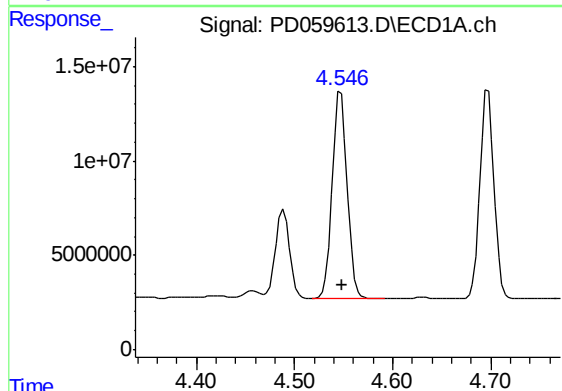
R.T.: 4.239 min
Delta R.T.: 0.000 min
Response: 116292270
Conc: 55.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PAV-B4-100620-0-10MSD



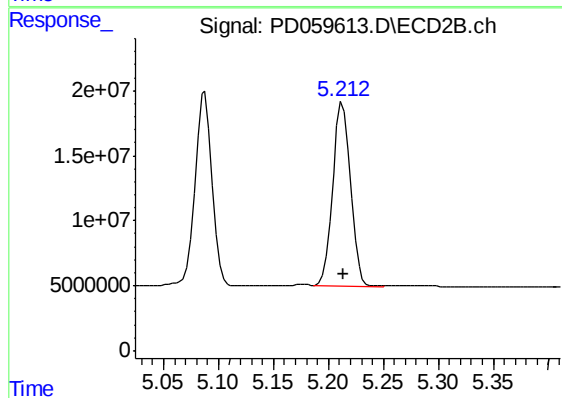
#3 gamma-BHC (Lindane)

R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 167702009
Conc: 54.11 ng/ml



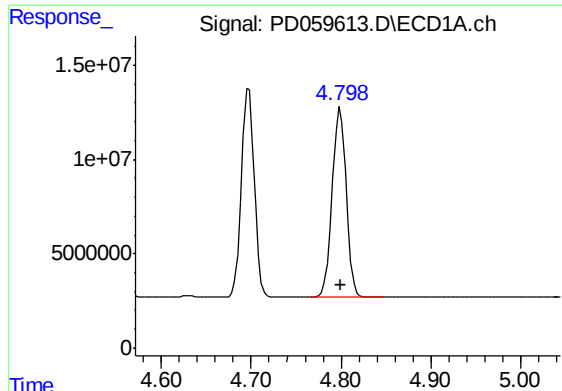
#4 Heptachlor

R.T.: 4.547 min
Delta R.T.: -0.001 min
Response: 116087814
Conc: 54.14 ng/ml



#4 Heptachlor

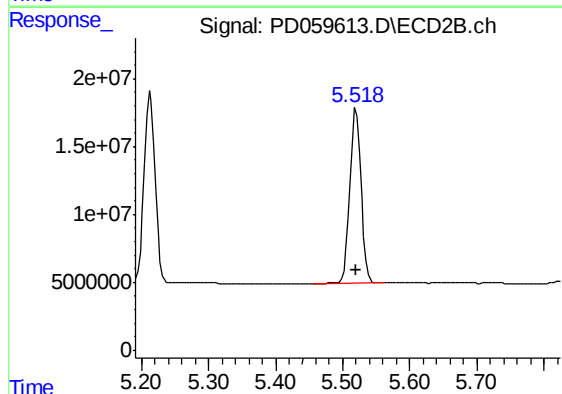
R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 160495164
Conc: 53.38 ng/ml



#5 Aldrin

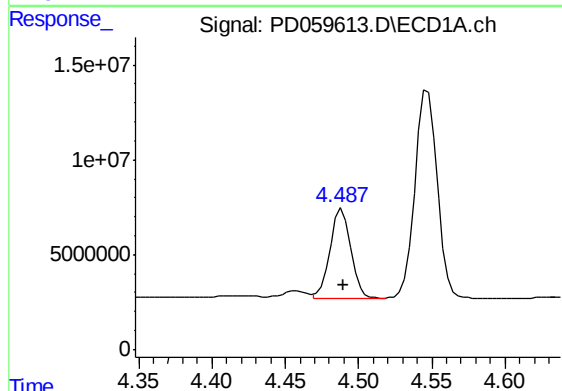
R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 109713370
Conc: 55.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PAV-B4-100620-0-10MSD



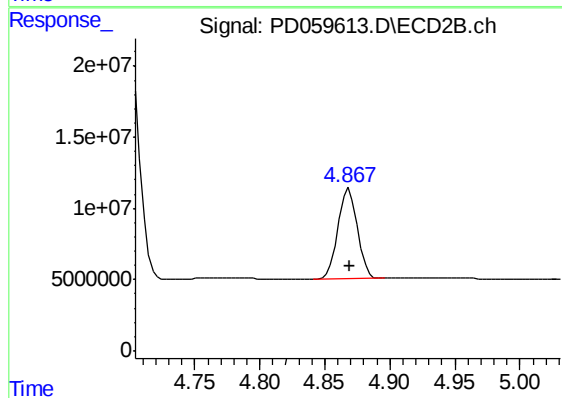
#5 Aldrin

R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 150117981
Conc: 54.42 ng/ml



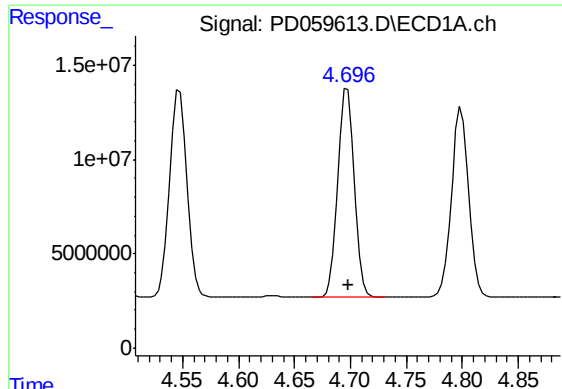
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 46405005
Conc: 54.49 ng/ml



#6 beta-BHC

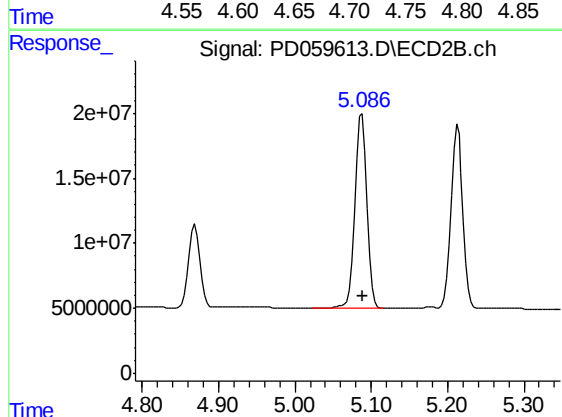
R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 65942718
Conc: 52.92 ng/ml



#7 delta-BHC

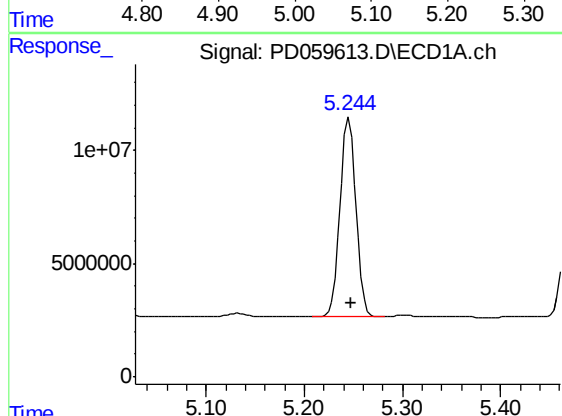
R.T.: 4.697 min
Delta R.T.: 0.000 min
Response: 110950097
Conc: 56.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PAV-B4-100620-0-10MSD



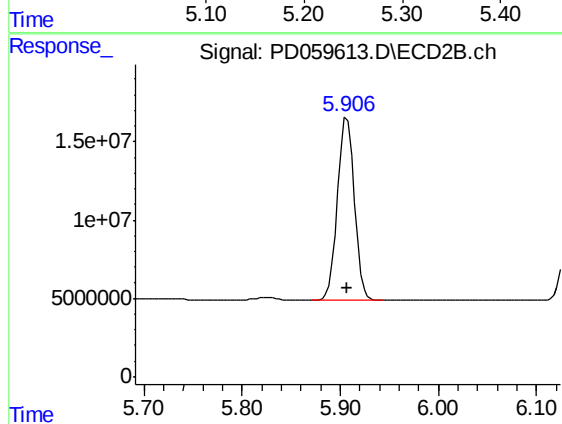
#7 delta-BHC

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 161519608
Conc: 58.75 ng/ml



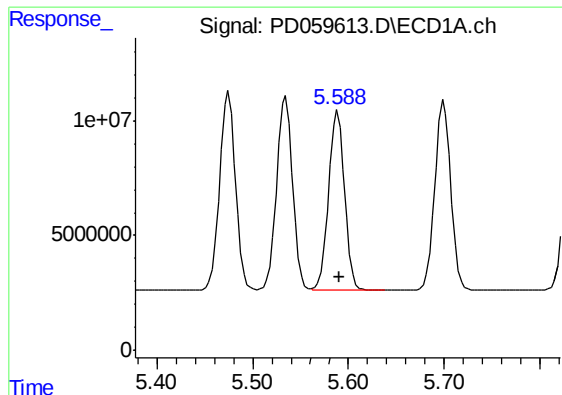
#8 Heptachlor epoxide

R.T.: 5.246 min
Delta R.T.: -0.002 min
Response: 98094295
Conc: 55.28 ng/ml



#8 Heptachlor epoxide

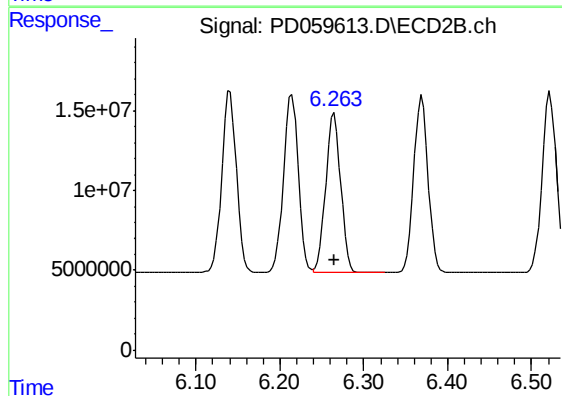
R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 138871264
Conc: 54.25 ng/ml



#9 Endosulfan I

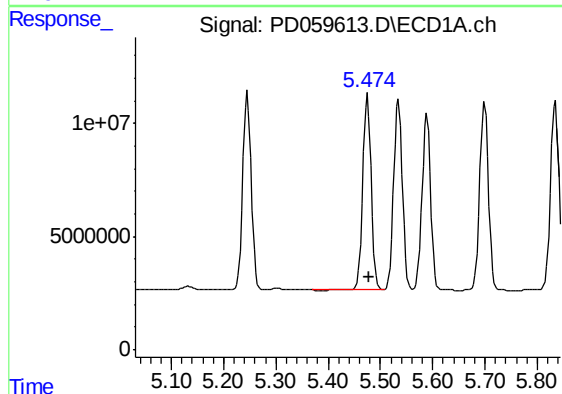
R.T.: 5.589 min
Delta R.T.: -0.001 min
Response: 89743699
Conc: 55.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PAV-B4-100620-0-10MSD



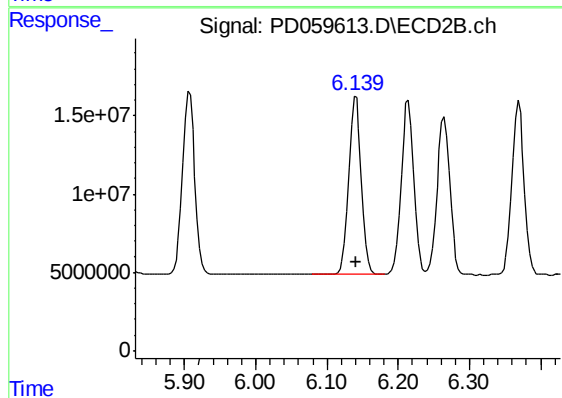
#9 Endosulfan I

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 125756561
Conc: 54.20 ng/ml



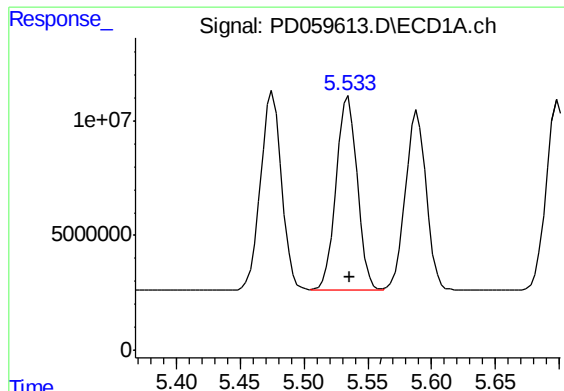
#10 gamma-Chlordane

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 98153953
Conc: 55.31 ng/ml



#10 gamma-Chlordane

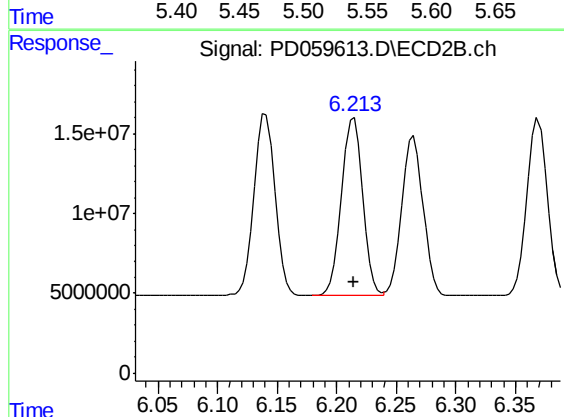
R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 138010679
Conc: 55.11 ng/ml



#11 alpha-Chlordane

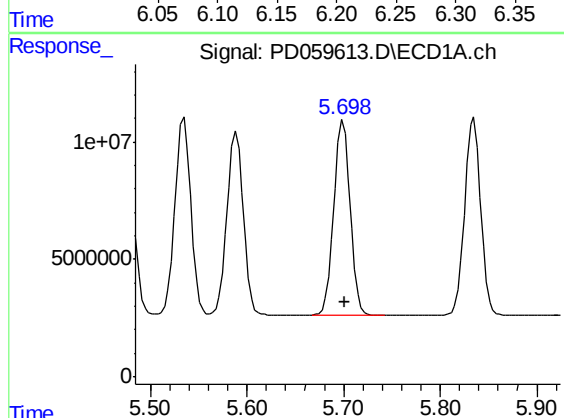
R.T.: 5.535 min
Delta R.T.: -0.001 min
Response: 97057036
Conc: 55.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PAV-B4-100620-0-10MSD



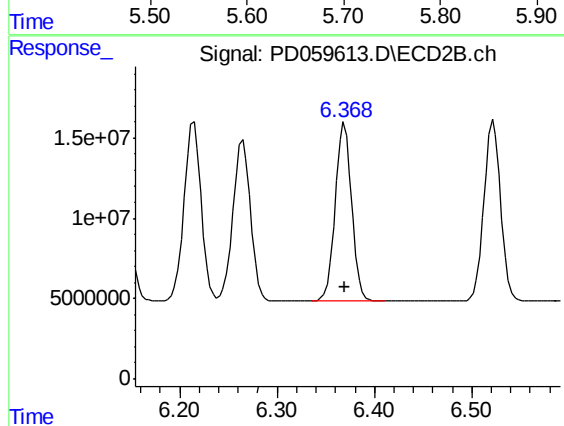
#11 alpha-Chlordane

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 136271677
Conc: 54.01 ng/ml



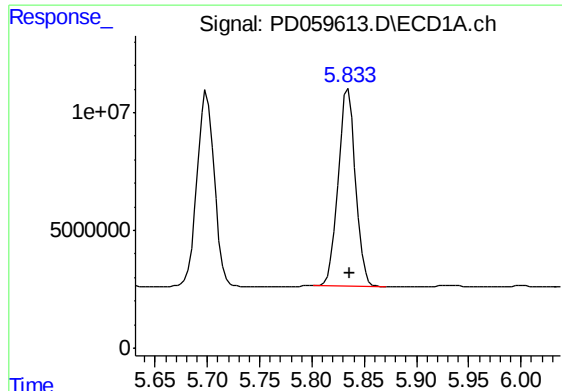
#12 4,4'-DDE

R.T.: 5.699 min
Delta R.T.: -0.001 min
Response: 94940493
Conc: 55.99 ng/ml



#12 4,4'-DDE

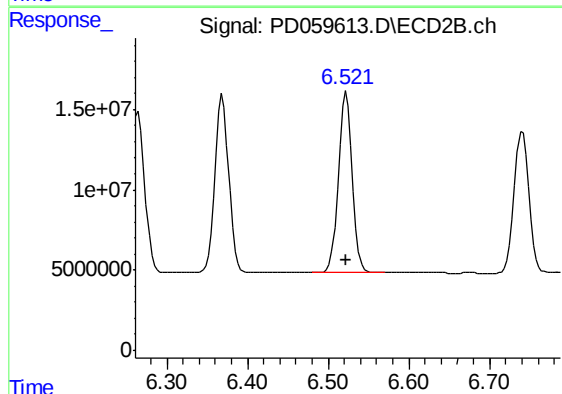
R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 131386346
Conc: 55.33 ng/ml



#13 Dieldrin

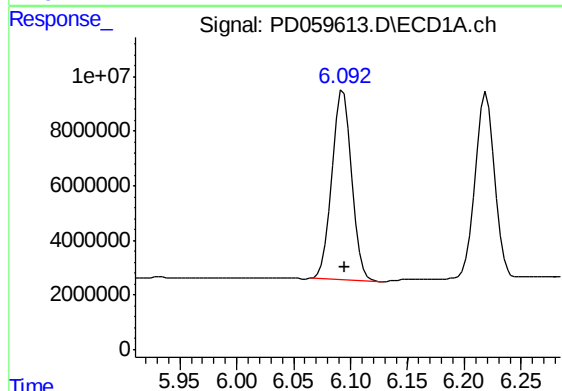
R.T.: 5.835 min
Delta R.T.: -0.001 min
Response: 96981132
Conc: 56.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PAV-B4-100620-0-10MSD



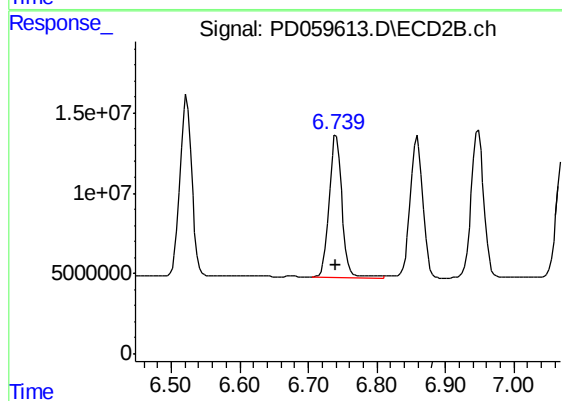
#13 Dieldrin

R.T.: 6.522 min
Delta R.T.: 0.000 min
Response: 136102737
Conc: 55.05 ng/ml



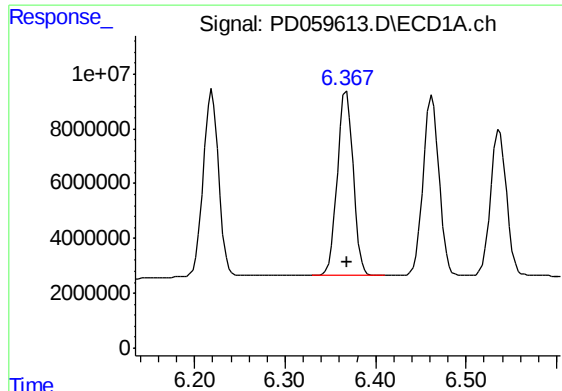
#14 Endrin

R.T.: 6.094 min
Delta R.T.: -0.001 min
Response: 82941609
Conc: 56.20 ng/ml



#14 Endrin

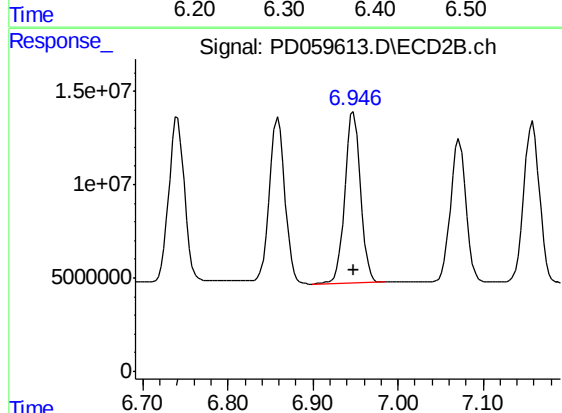
R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 115926064
Conc: 55.10 ng/ml



#15 Endosulfan II

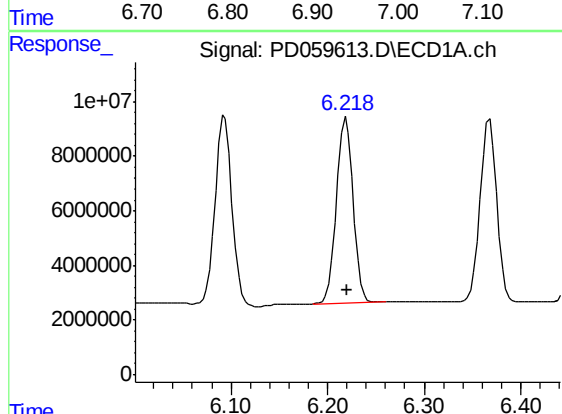
R.T.: 6.368 min
Delta R.T.: -0.001 min
Response: 80871410
Conc: 55.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PAV-B4-100620-0-10MSD



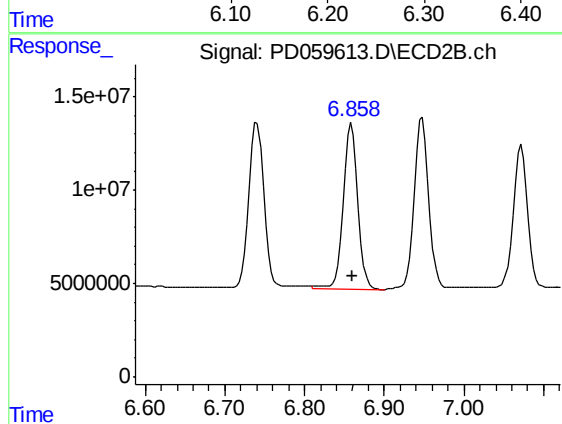
#15 Endosulfan II

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 116987646
Conc: 54.52 ng/ml



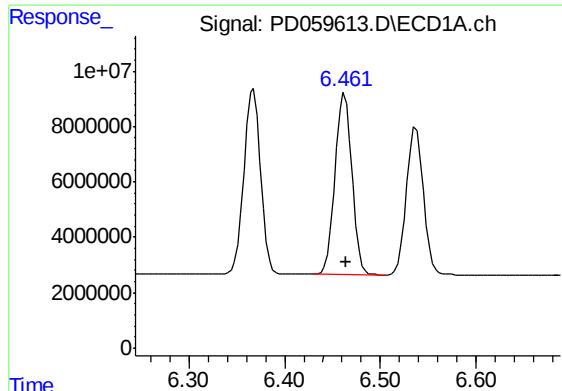
#16 4,4'-DDD

R.T.: 6.219 min
Delta R.T.: -0.001 min
Response: 79642410
Conc: 57.00 ng/ml



#16 4,4'-DDD

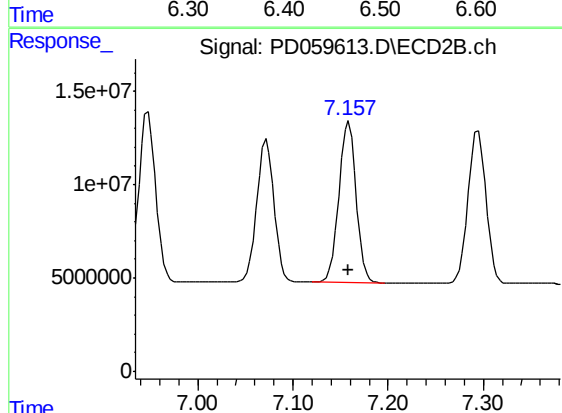
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 114940625
Conc: 56.75 ng/ml



#17 4,4'-DDT

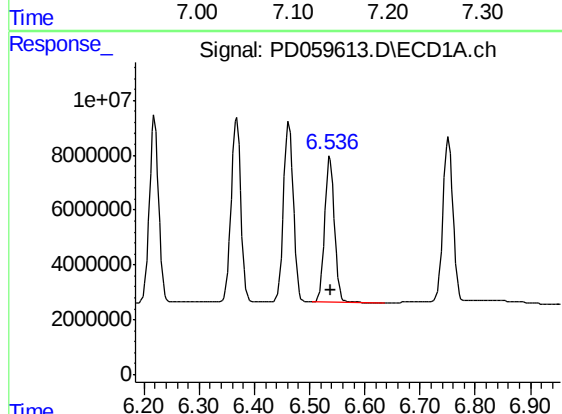
R.T.: 6.463 min
Delta R.T.: -0.002 min
Response: 80499026
Conc: 52.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PAV-B4-100620-0-10MSD



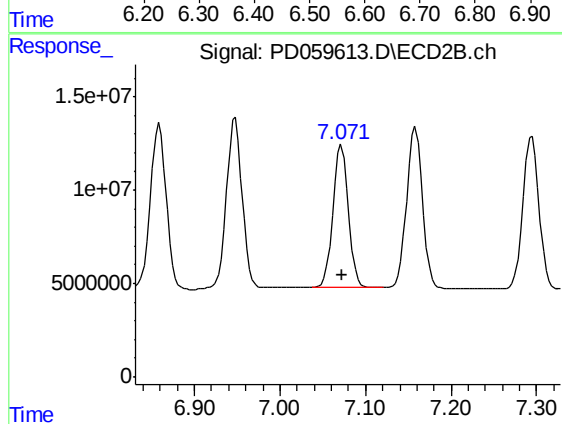
#17 4,4'-DDT

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 110109194
Conc: 56.17 ng/ml



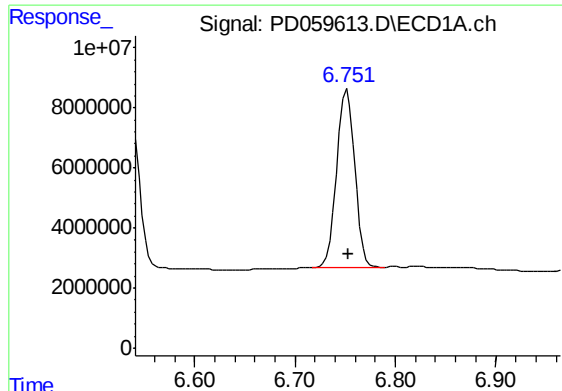
#18 Endrin aldehyde

R.T.: 6.537 min
Delta R.T.: -0.001 min
Response: 66667793
Conc: 54.92 ng/ml



#18 Endrin aldehyde

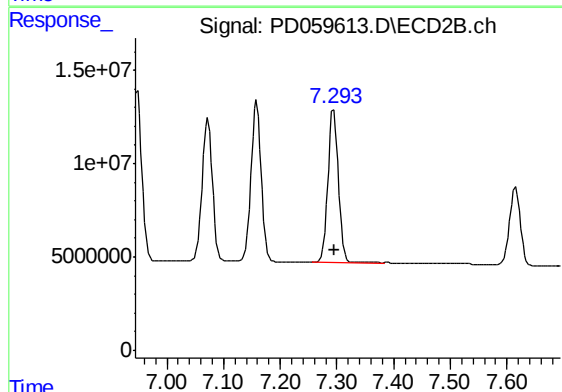
R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 96352480
Conc: 54.67 ng/ml



#19 Endosulfan Sulfate

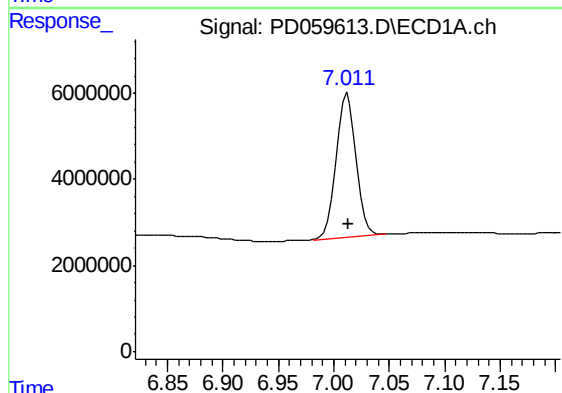
R.T.: 6.752 min
Delta R.T.: -0.001 min
Response: 73671846
Conc: 57.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PAV-B4-100620-0-10MSD



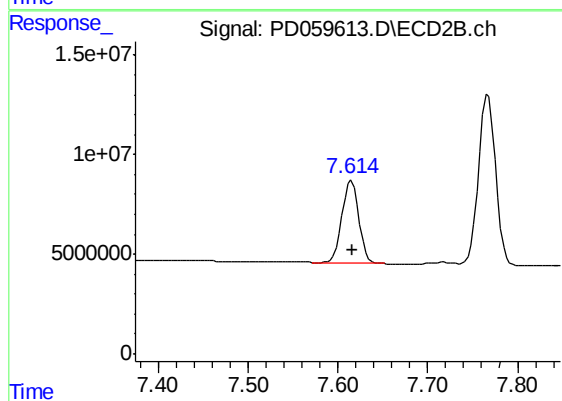
#19 Endosulfan Sulfate

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 107280950
Conc: 53.81 ng/ml



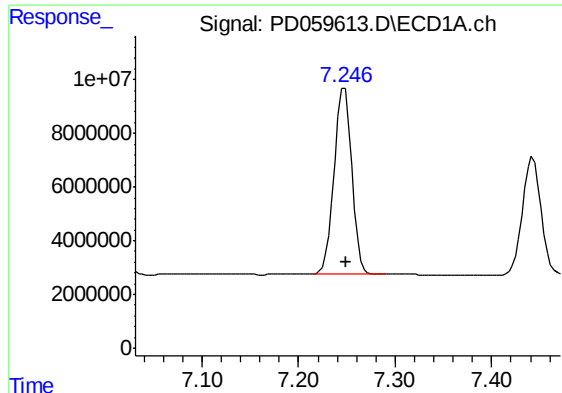
#20 Methoxychlor

R.T.: 7.012 min
Delta R.T.: -0.001 min
Response: 41709494
Conc: 55.60 ng/ml



#20 Methoxychlor

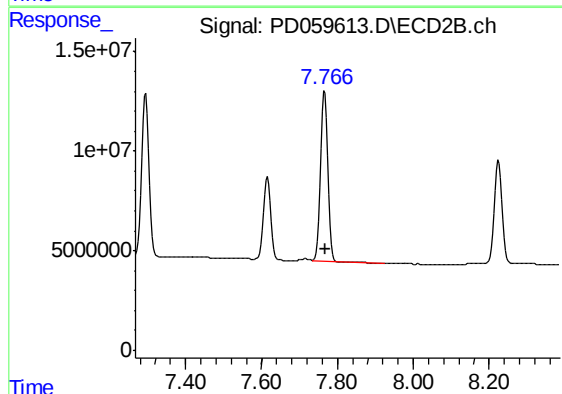
R.T.: 7.615 min
Delta R.T.: 0.000 min
Response: 54569869
Conc: 51.99 ng/ml



#21 Endrin ketone

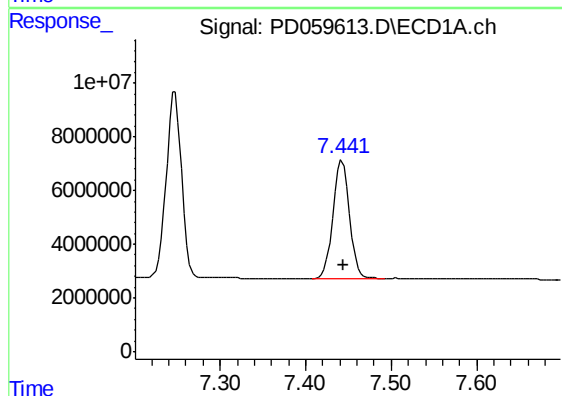
R.T.: 7.247 min
Delta R.T.: -0.001 min
Response: 86463989
Conc: 57.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PAV-B4-100620-0-10MSD



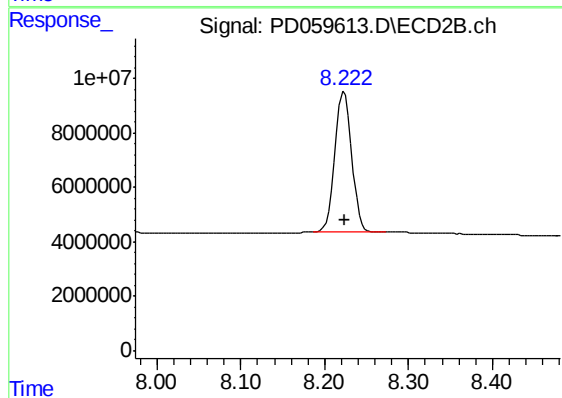
#21 Endrin ketone

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 113018155
Conc: 52.85 ng/ml



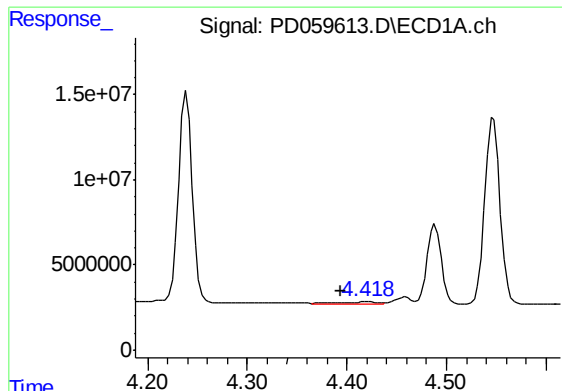
#22 Mirex

R.T.: 7.443 min
Delta R.T.: -0.002 min
Response: 58996835
Conc: 55.80 ng/ml



#22 Mirex

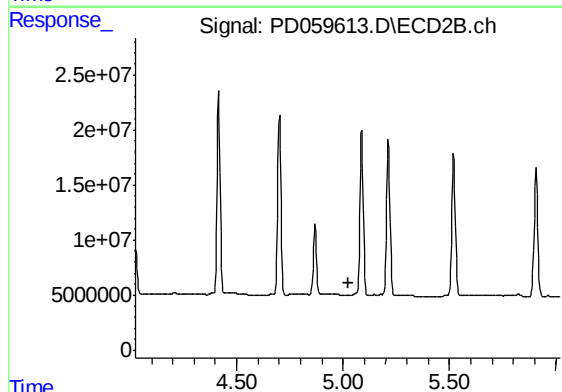
R.T.: 8.223 min
Delta R.T.: 0.000 min
Response: 72325891
Conc: 51.77 ng/ml



#23 Chlordane-1

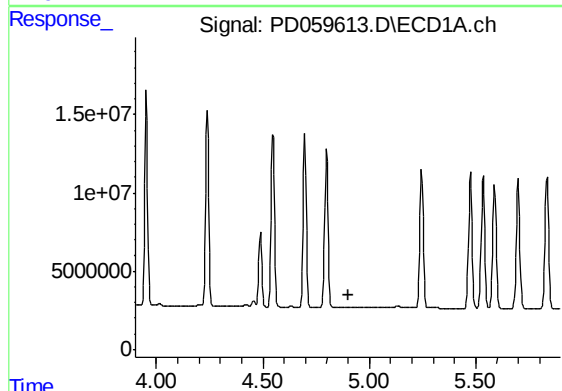
R.T.: 4.420 min
Delta R.T.: 0.026 min
Response: 2215871
Conc: 42.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PAV-B4-100620-0-10MSD



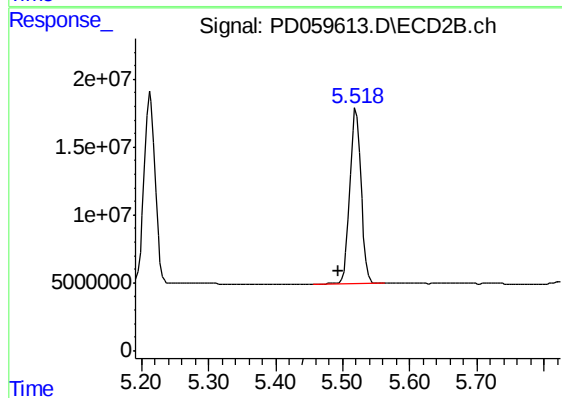
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.024 min
Response: 0
Conc: N.D.



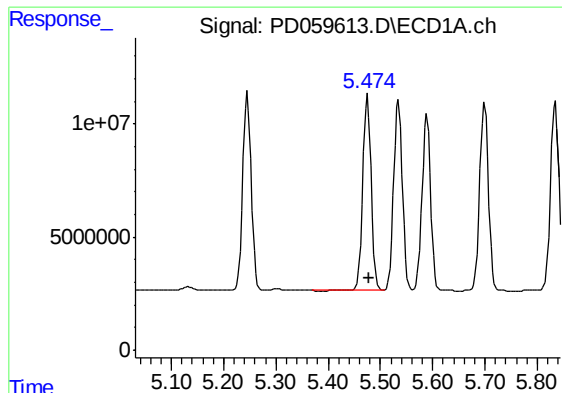
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.901 min
Response: 0
Conc: N.D.



#24 Chlordane-2

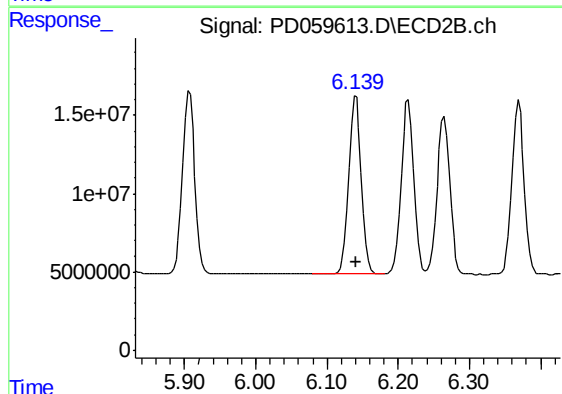
R.T.: 5.520 min
Delta R.T.: 0.027 min
Response: 150117981
Conc: 1888.09 ng/ml



#25 Chlordane-3

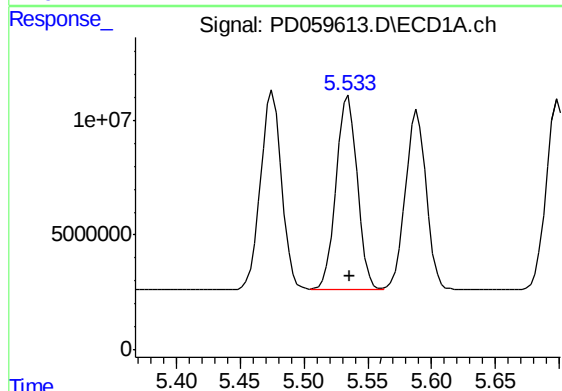
R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 98153953
Conc: 620.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PAV-B4-100620-0-10MSD



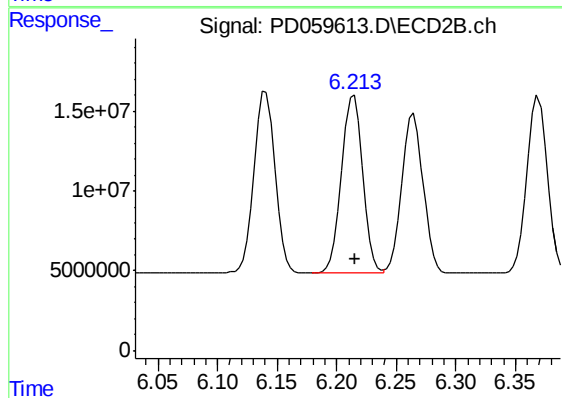
#25 Chlordane-3

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 138010679
Conc: 437.37 ng/ml



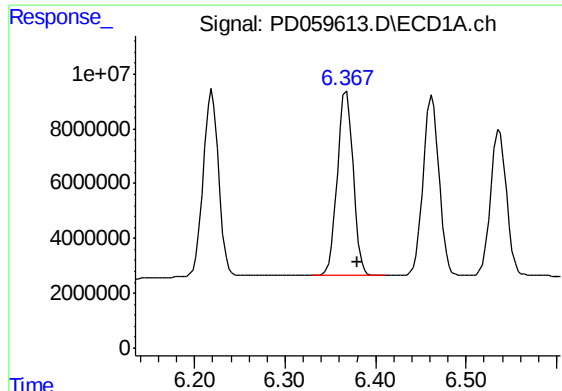
#26 Chlordane-4

R.T.: 5.535 min
Delta R.T.: -0.002 min
Response: 97057036
Conc: 765.77 ng/ml



#26 Chlordane-4

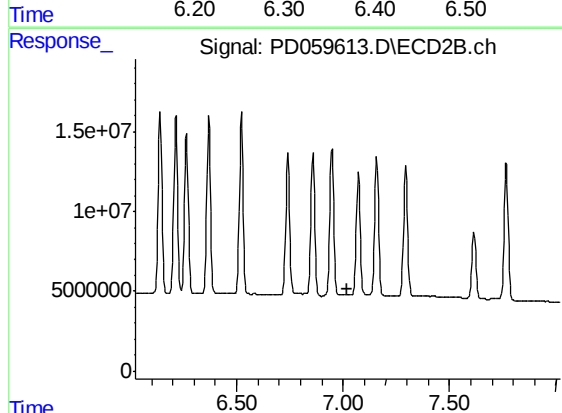
R.T.: 6.214 min
Delta R.T.: -0.001 min
Response: 136271677
Conc: 362.64 ng/ml



#27 Chlordane-5

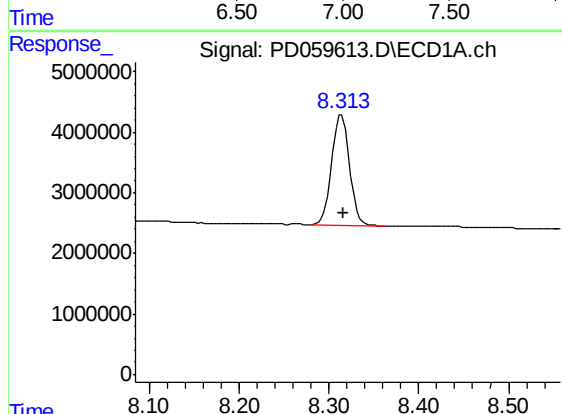
R.T.: 6.368 min
Delta R.T.: -0.012 min
Response: 80871410
Conc: 1533.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PAV-B4-100620-0-10MSD



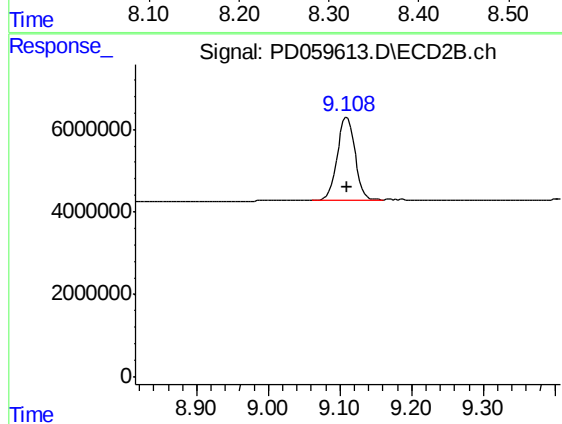
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.022 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.314 min
Delta R.T.: -0.002 min
Response: 25209184
Conc: 22.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.110 min
Delta R.T.: 0.000 min
Response: 34447842
Conc: 21.38 ng/ml