Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031221\
Data File : PD061556.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2021 16:27
Operator : AR\AJ
Sample : PB135146BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : ECD_D
ClientSampleId : PB135146BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 00:41:14 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031021.M
Quant Title : GC Extractables
QLast Update : Thu Mar 11 04:34:41 2021
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...	3.486	3.982	14621513	143.7E6	18.241	17.225
28)	SA Decachlor...	8.262	9.041	21715649	158.1E6	18.007	18.326
	Target Compounds						
2)	A alpha-BHC	3.927	4.371	59531953	577.5E6	48.309	44.559
3)	MA gamma-BHC...	4.212	4.655	56408773	539.1E6	47.924	44.433
4)	MA Heptachlor	4.515	5.164	51969947	482.0E6	41.890	37.834
5)	MB Aldrin	4.765	5.468	53076164	506.2E6	45.312	42.327
6)	B beta-BHC	4.462	4.824	23238214	203.9E6	43.950	41.809
7)	B delta-BHC	4.668	5.041	56517604	500.4E6	47.828	41.728
8)	B Heptachlo...	5.210	5.854	51242966	451.8E6	45.083	41.514
9)	A Endosulfan I	5.550	6.211	48492635	438.4E6	44.636	42.141
10)	B gamma-Chl...	5.437	6.088	51765249	478.6E6	44.481	42.318
11)	B alpha-Chl...	5.496	6.160	51189061	468.3E6	44.222	42.951
12)	B 4,4'-DDE	5.659	6.317	50716489	478.4E6	46.185	43.072
13)	MA Dieldrin	5.795	6.467	53042371	478.1E6	46.219	43.267
14)	MA Endrin	6.053	6.685	49421321	413.2E6	46.795	44.076
15)	B Endosulfa...	6.327	6.893	48495080	412.2E6	48.524	46.093
16)	A 4,4'-DDD	6.177	6.807	44034164	373.0E6	47.392	41.661
17)	MA 4,4'-DDT	6.419	7.105	46075596	392.7E6	46.338	42.453
18)	B Endrin al...	6.495	7.017	41237626	351.6E6	49.930	48.953
19)	B Endosulfa...	6.709	7.240	47498676	388.5E6	45.689	42.174
20)	A Methoxychlor	6.965	7.563	25458932	180.2E6	45.165	38.958
21)	B Endrin ke...	7.203	7.711	57045804	400.9E6	46.171	43.456
22)	Mirex	7.395	8.166	40847969	269.6E6	41.200	44.393

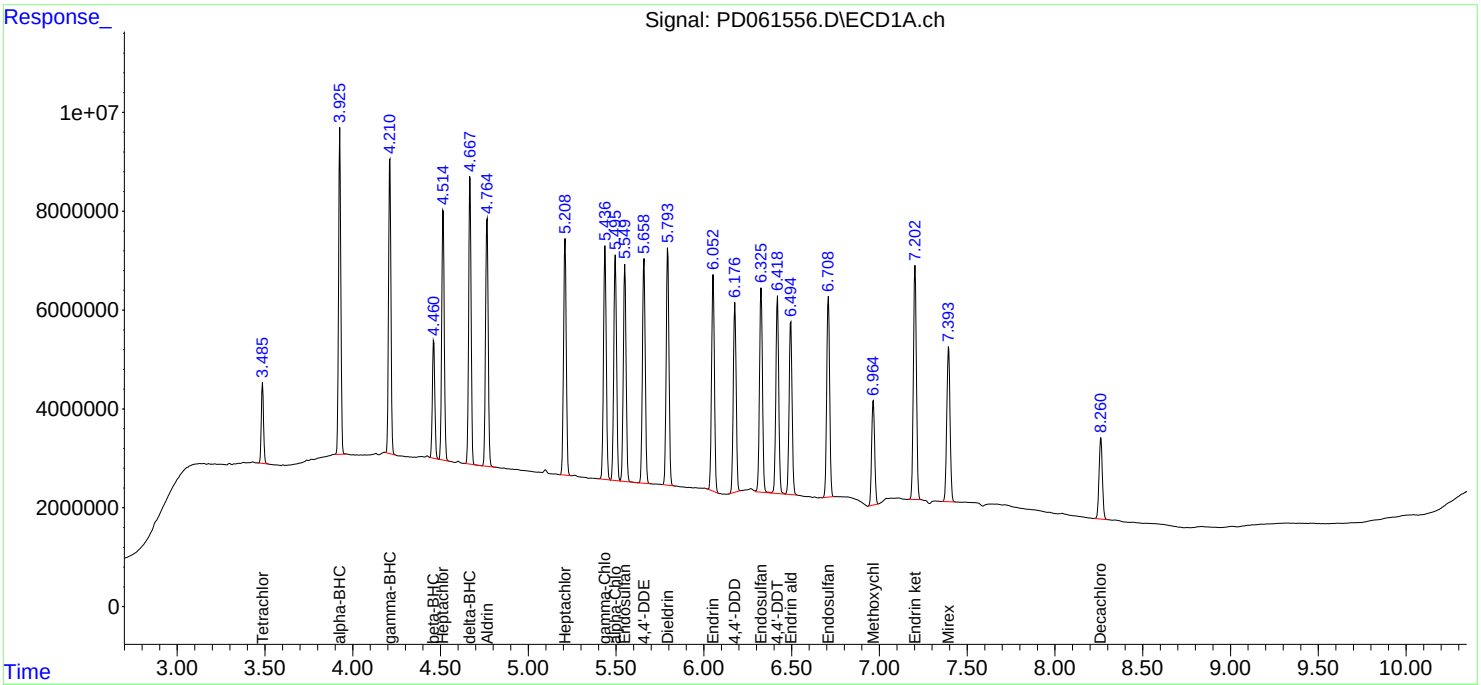
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

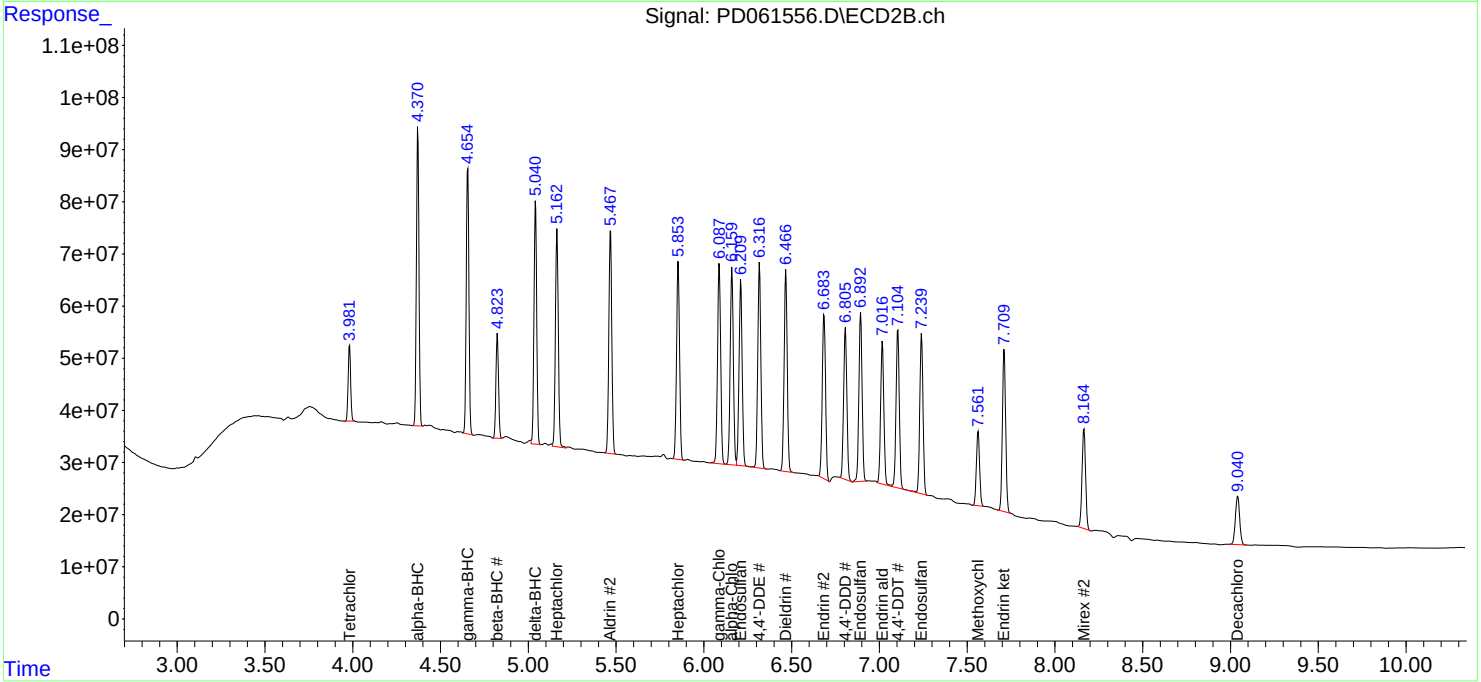
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031221\
Data File : PD061556.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2021 16:27
Operator : AR\AJ
Sample : PB135146BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

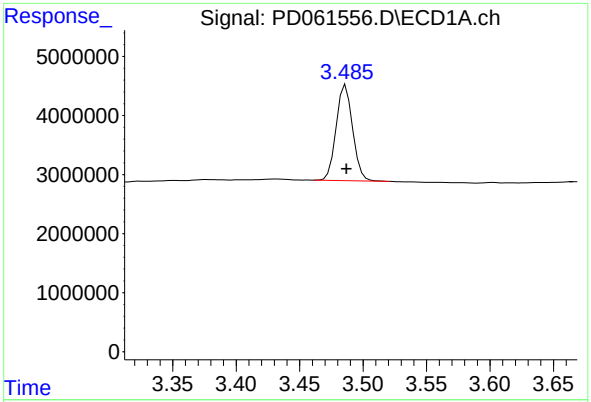
Instrument :
ECD_D
ClientSampleId :
PB135146BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 00:41:14 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031021.M
Quant Title : GC Extractables
QLast Update : Thu Mar 11 04:34:41 2021
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



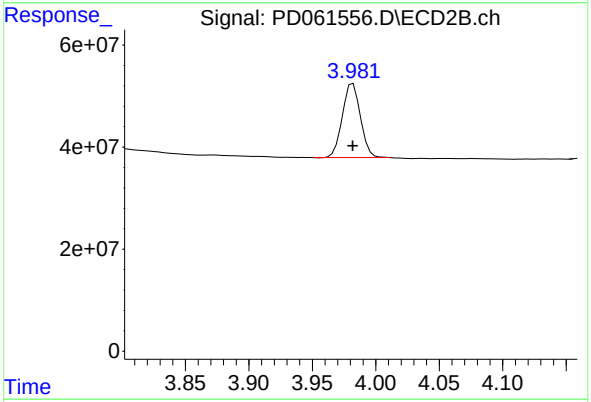




#1 Tetrachloro-m-xylene

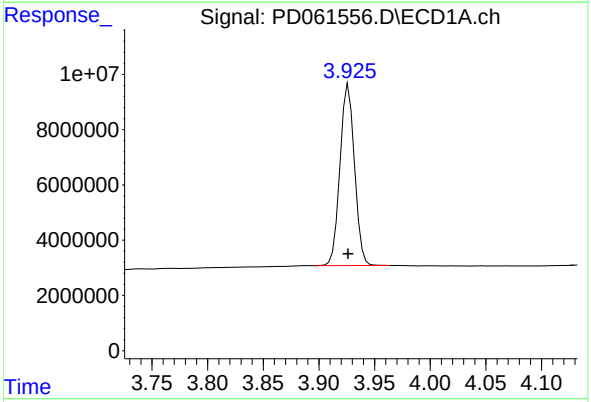
R.T.: 3.486 min
Delta R.T.: 0.000 min
Response: 14621513
Conc: 18.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135146BS



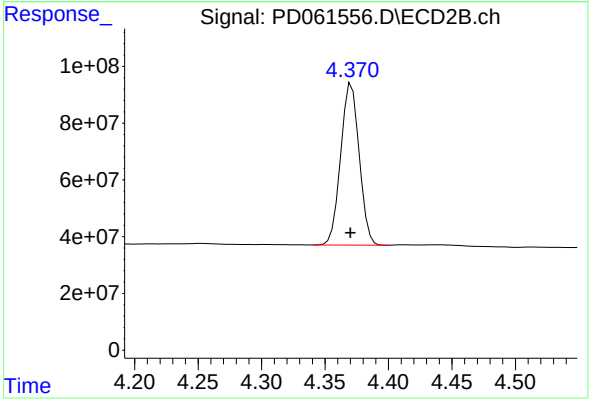
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 143710906
Conc: 17.23 ng/ml



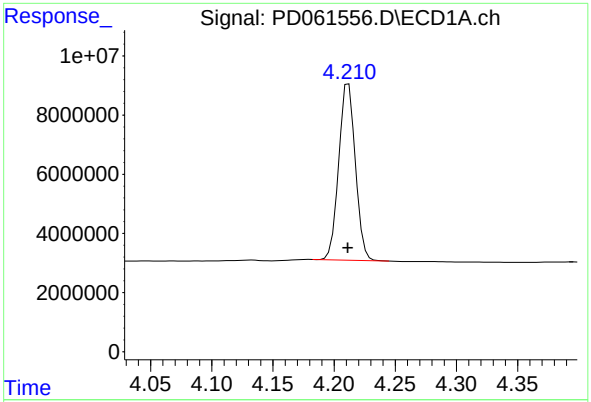
#2 alpha-BHC

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 59531953
Conc: 48.31 ng/ml



#2 alpha-BHC

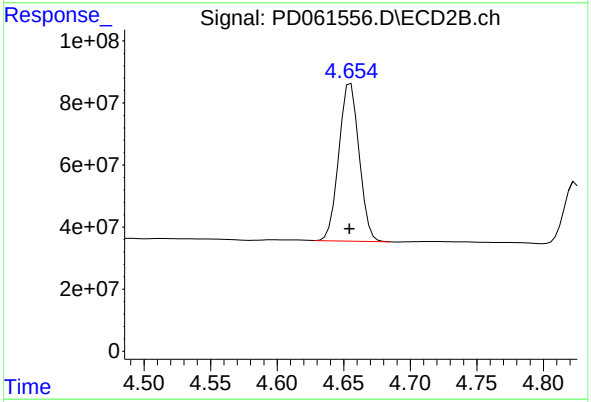
R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 577534873
Conc: 44.56 ng/ml



#3 gamma-BHC (Lindane)

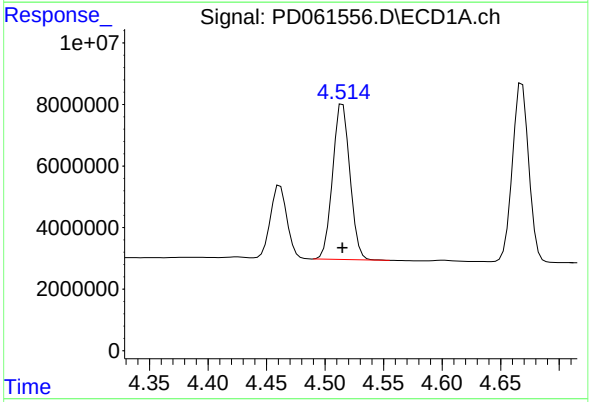
R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 56408773
Conc: 47.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135146BS



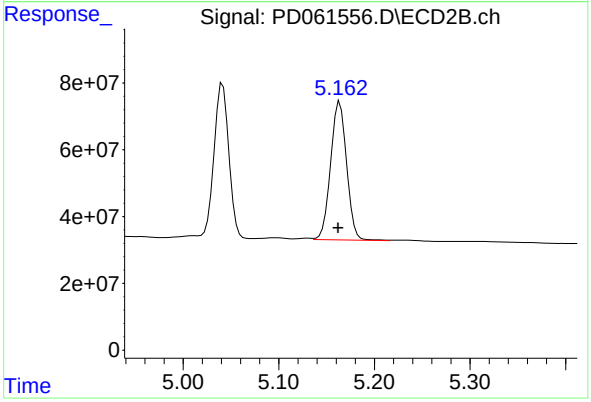
#3 gamma-BHC (Lindane)

R.T.: 4.655 min
Delta R.T.: 0.001 min
Response: 539065784
Conc: 44.43 ng/ml



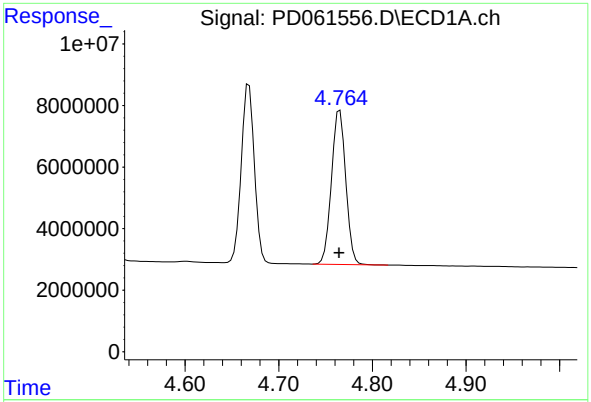
#4 Heptachlor

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 51969947
Conc: 41.89 ng/ml



#4 Heptachlor

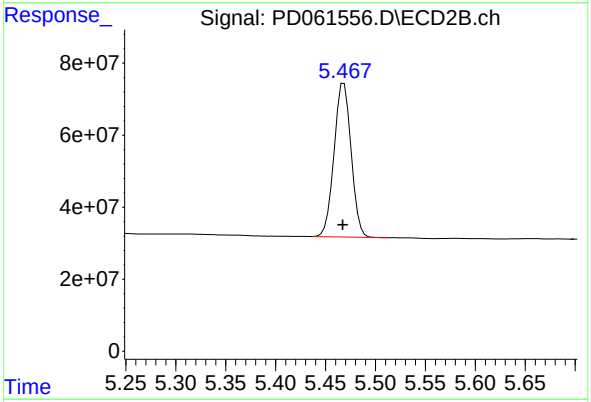
R.T.: 5.164 min
Delta R.T.: 0.002 min
Response: 481978785
Conc: 37.83 ng/ml



#5 Aldrin

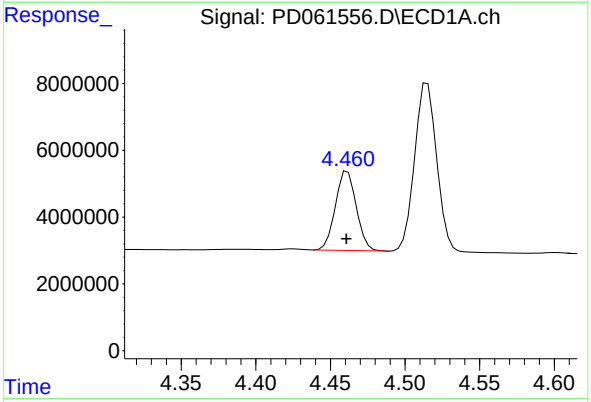
R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 53076164
Conc: 45.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135146BS



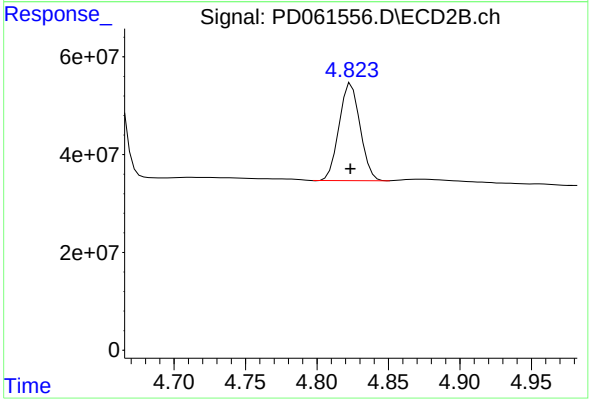
#5 Aldrin

R.T.: 5.468 min
Delta R.T.: 0.001 min
Response: 506182883
Conc: 42.33 ng/ml



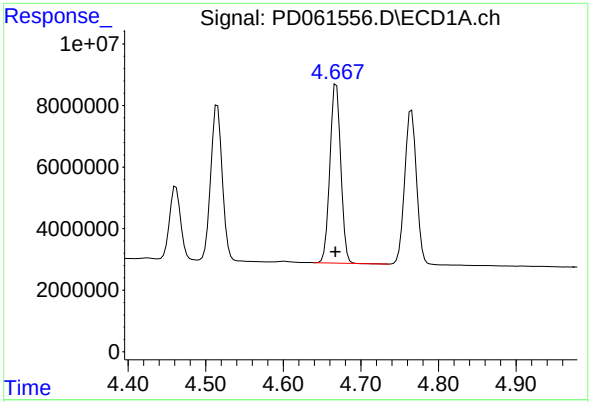
#6 beta-BHC

R.T.: 4.462 min
Delta R.T.: 0.000 min
Response: 23238214
Conc: 43.95 ng/ml



#6 beta-BHC

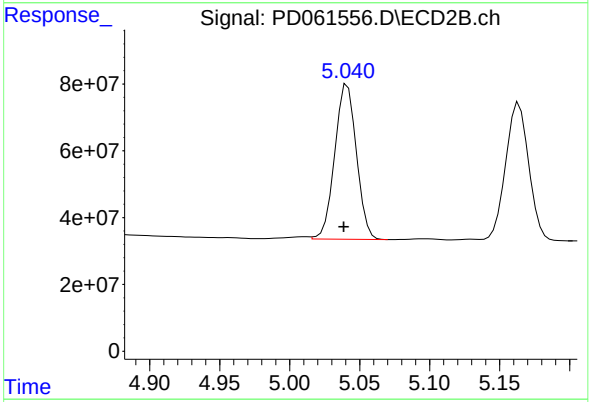
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 203889753
Conc: 41.81 ng/ml



#7 delta-BHC

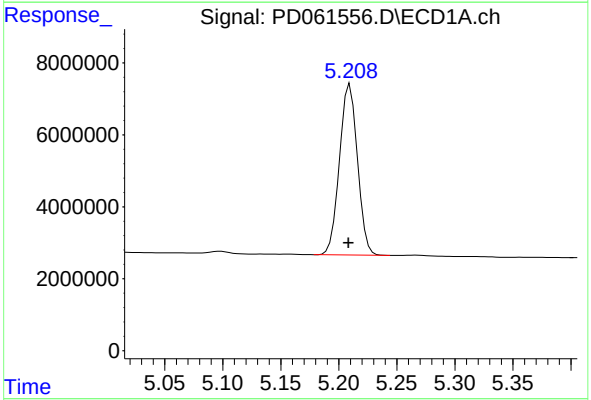
R.T.: 4.668 min
Delta R.T.: 0.001 min
Response: 56517604
Conc: 47.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135146BS



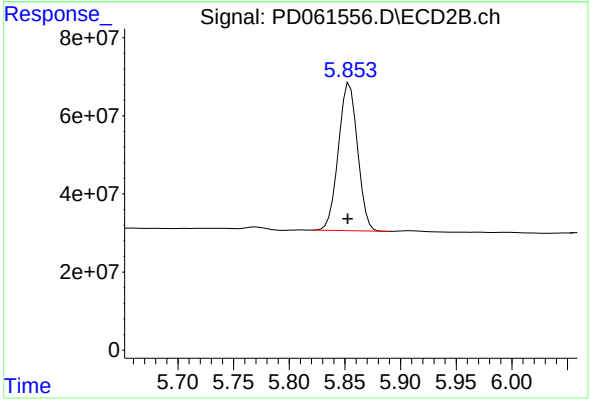
#7 delta-BHC

R.T.: 5.041 min
Delta R.T.: 0.003 min
Response: 500415142
Conc: 41.73 ng/ml



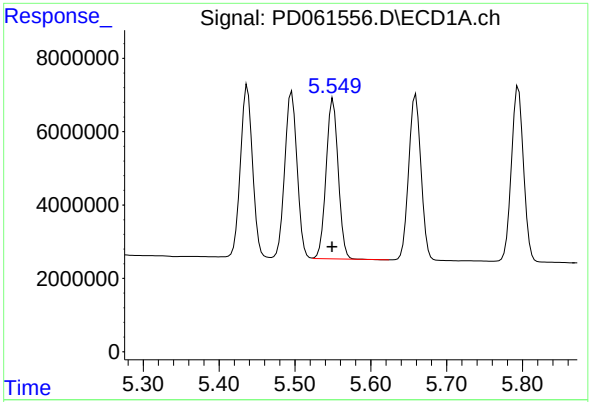
#8 Heptachlor epoxide

R.T.: 5.210 min
Delta R.T.: 0.001 min
Response: 51242966
Conc: 45.08 ng/ml



#8 Heptachlor epoxide

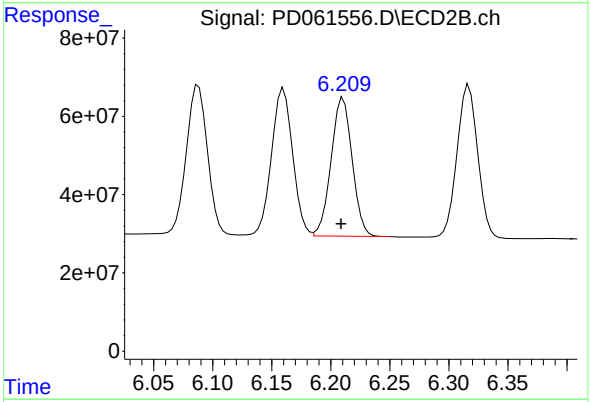
R.T.: 5.854 min
Delta R.T.: 0.002 min
Response: 451808418
Conc: 41.51 ng/ml



#9 Endosulfan I

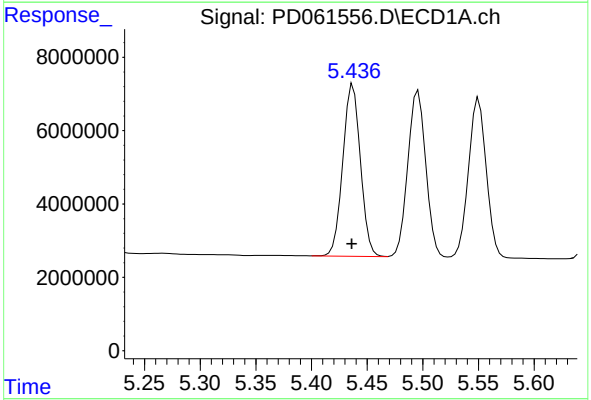
R.T.: 5.550 min
Delta R.T.: 0.001 min
Response: 48492635
Conc: 44.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135146BS



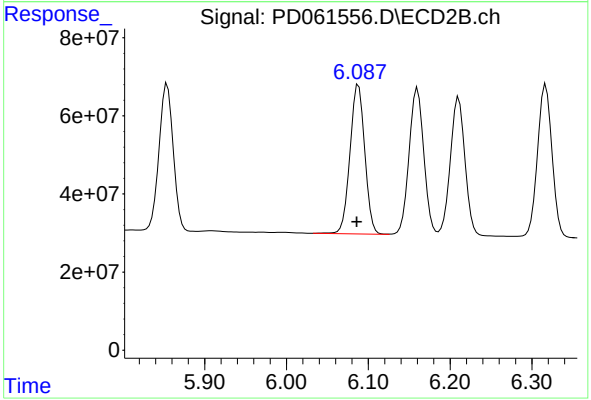
#9 Endosulfan I

R.T.: 6.211 min
Delta R.T.: 0.002 min
Response: 438422232
Conc: 42.14 ng/ml



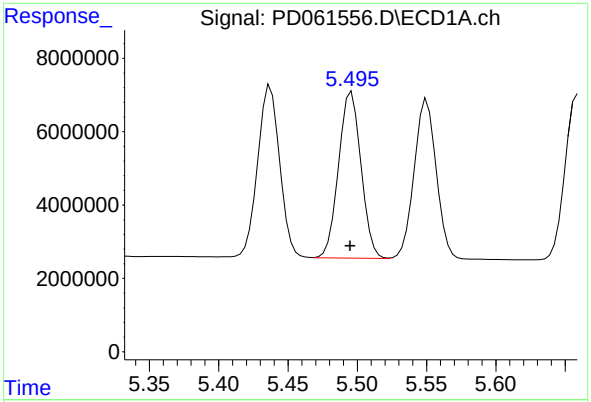
#10 gamma-Chlordane

R.T.: 5.437 min
Delta R.T.: 0.001 min
Response: 51765249
Conc: 44.48 ng/ml



#10 gamma-Chlordane

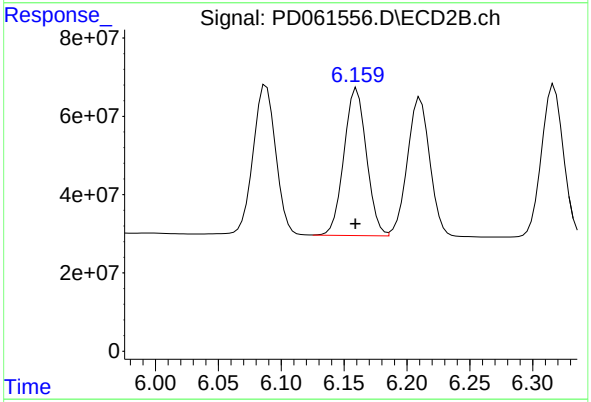
R.T.: 6.088 min
Delta R.T.: 0.002 min
Response: 478560660
Conc: 42.32 ng/ml



#11 alpha-Chlordane

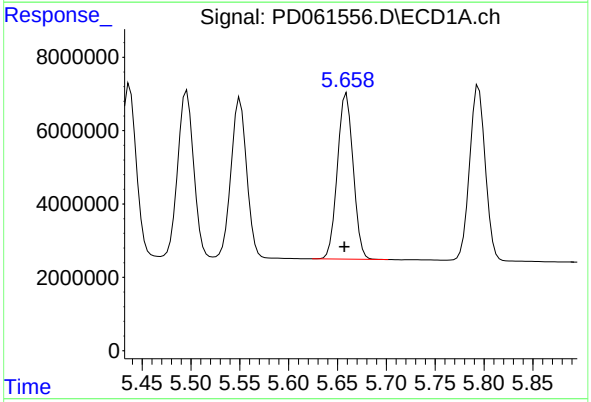
R.T.: 5.496 min
Delta R.T.: 0.001 min
Response: 51189061
Conc: 44.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135146BS



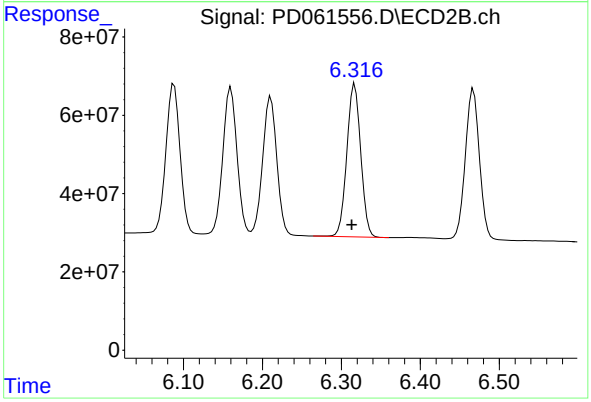
#11 alpha-Chlordane

R.T.: 6.160 min
Delta R.T.: 0.001 min
Response: 468285105
Conc: 42.95 ng/ml



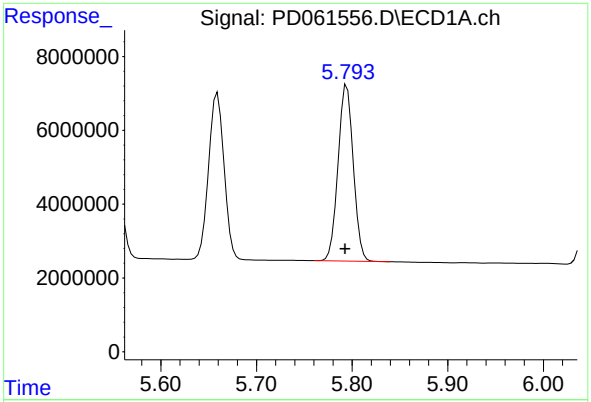
#12 4,4'-DDE

R.T.: 5.659 min
Delta R.T.: 0.002 min
Response: 50716489
Conc: 46.18 ng/ml



#12 4,4'-DDE

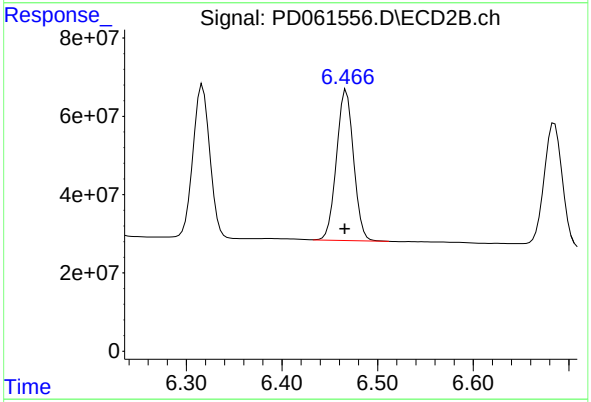
R.T.: 6.317 min
Delta R.T.: 0.004 min
Response: 478395199
Conc: 43.07 ng/ml



#13 Dieldrin

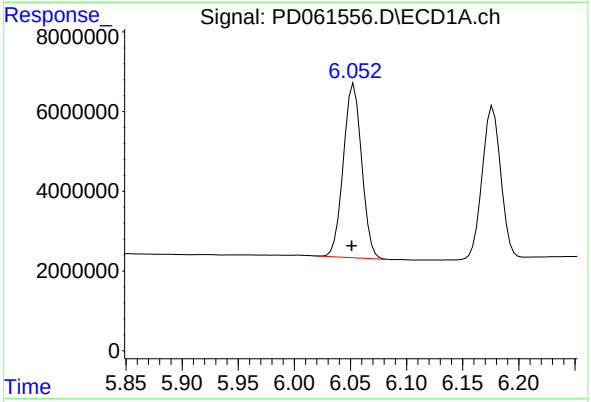
R.T.: 5.795 min
Delta R.T.: 0.002 min
Response: 53042371
Conc: 46.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135146BS



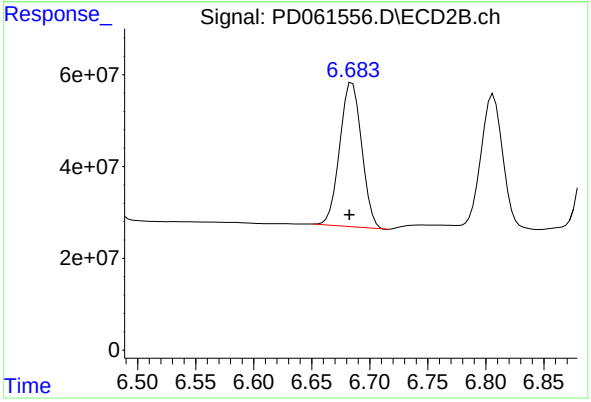
#13 Dieldrin

R.T.: 6.467 min
Delta R.T.: 0.002 min
Response: 478085434
Conc: 43.27 ng/ml



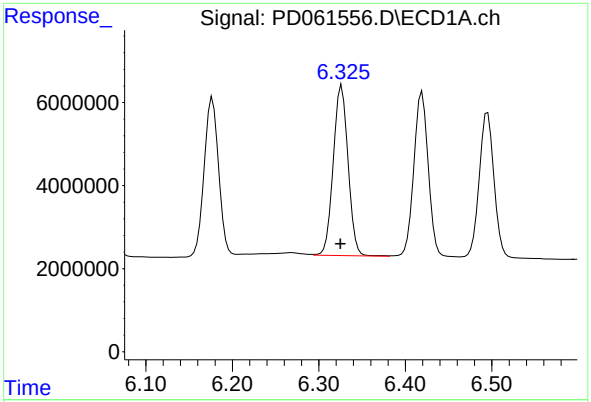
#14 Endrin

R.T.: 6.053 min
Delta R.T.: 0.002 min
Response: 49421321
Conc: 46.80 ng/ml



#14 Endrin

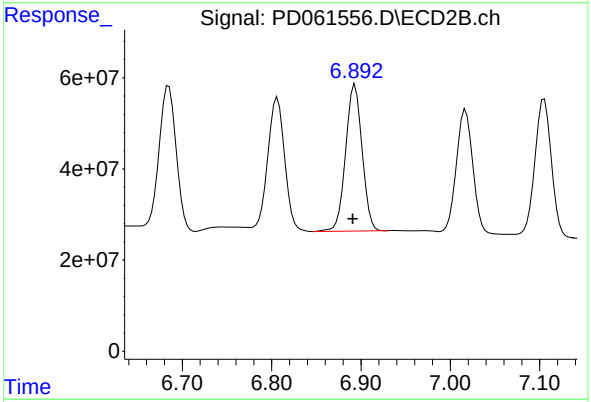
R.T.: 6.685 min
Delta R.T.: 0.002 min
Response: 413184088
Conc: 44.08 ng/ml



#15 Endosulfan II

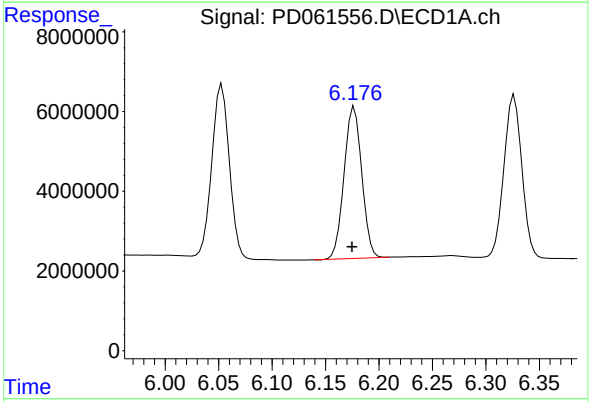
R.T.: 6.327 min
Delta R.T.: 0.002 min
Response: 48495080
Conc: 48.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135146BS



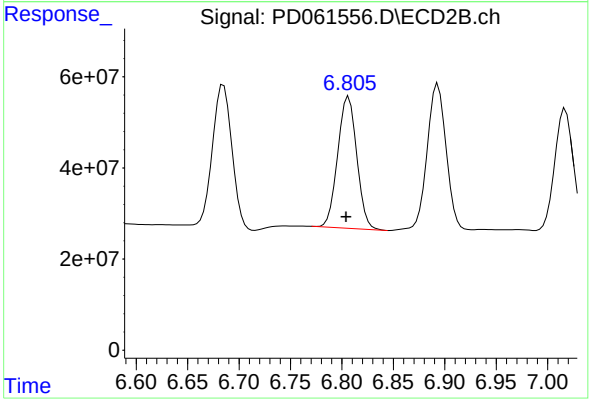
#15 Endosulfan II

R.T.: 6.893 min
Delta R.T.: 0.003 min
Response: 412155118
Conc: 46.09 ng/ml



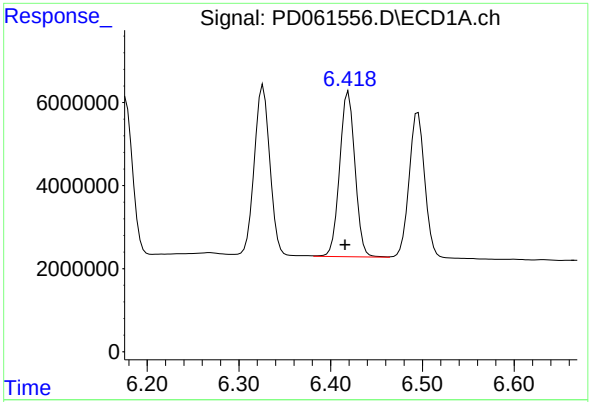
#16 4,4'-DDD

R.T.: 6.177 min
Delta R.T.: 0.002 min
Response: 44034164
Conc: 47.39 ng/ml



#16 4,4'-DDD

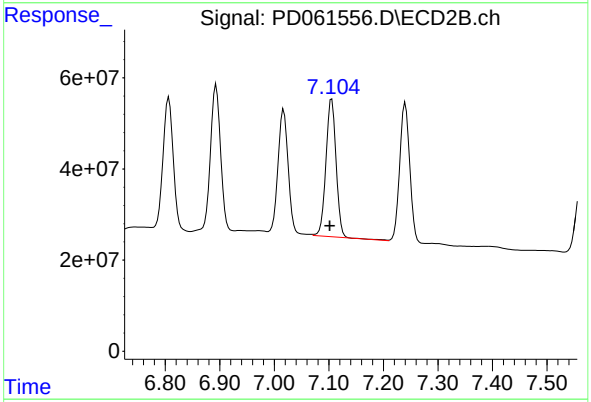
R.T.: 6.807 min
Delta R.T.: 0.002 min
Response: 372991719
Conc: 41.66 ng/ml



#17 4,4'-DDT

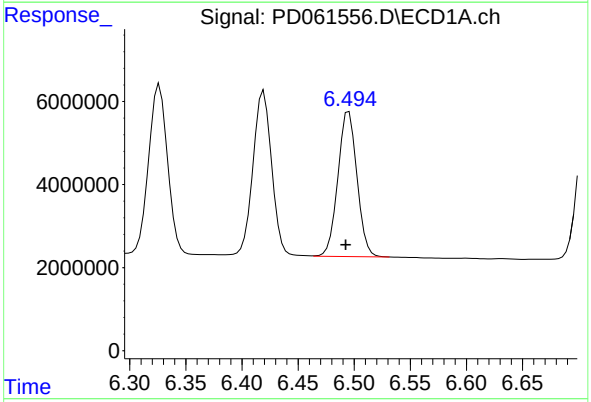
R.T.: 6.419 min
Delta R.T.: 0.004 min
Response: 46075596
Conc: 46.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135146BS



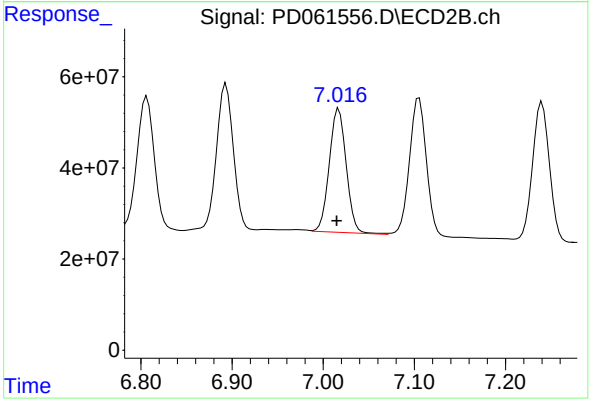
#17 4,4'-DDT

R.T.: 7.105 min
Delta R.T.: 0.004 min
Response: 392657998
Conc: 42.45 ng/ml



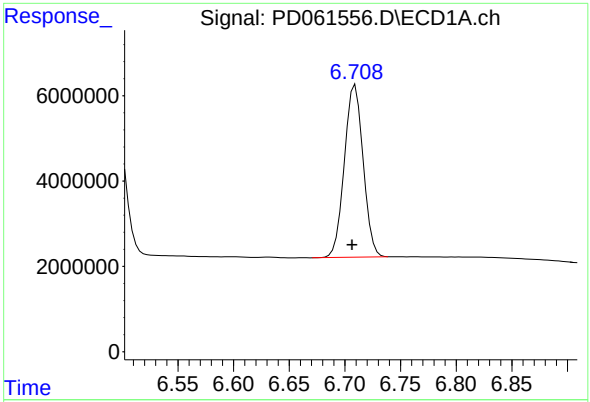
#18 Endrin aldehyde

R.T.: 6.495 min
Delta R.T.: 0.003 min
Response: 41237626
Conc: 49.93 ng/ml



#18 Endrin aldehyde

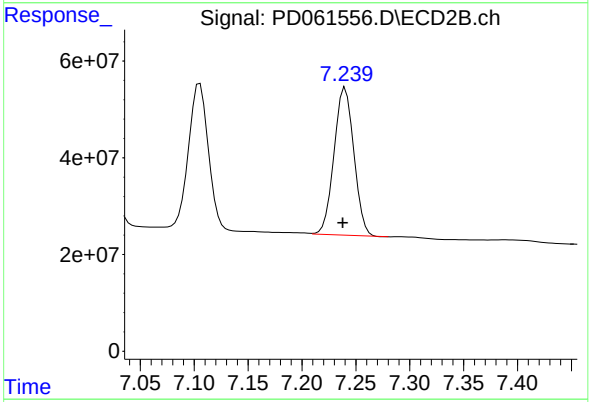
R.T.: 7.017 min
Delta R.T.: 0.002 min
Response: 351646765
Conc: 48.95 ng/ml



#19 Endosulfan Sulfate

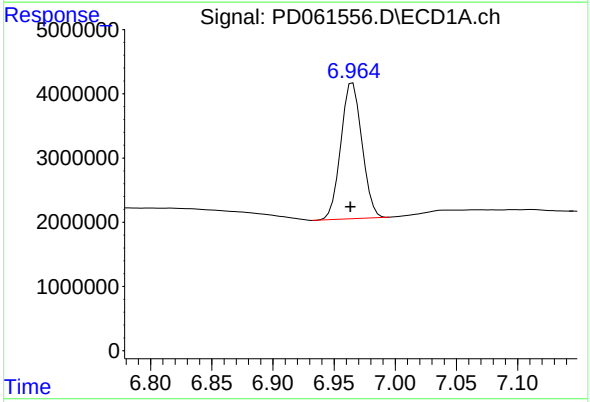
R.T.: 6.709 min
Delta R.T.: 0.003 min
Response: 47498676
Conc: 45.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135146BS



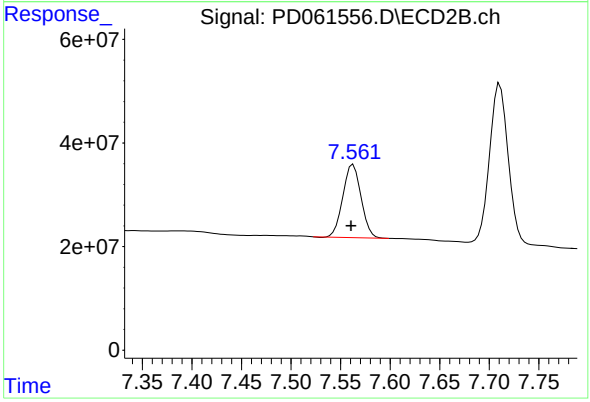
#19 Endosulfan Sulfate

R.T.: 7.240 min
Delta R.T.: 0.002 min
Response: 388462285
Conc: 42.17 ng/ml



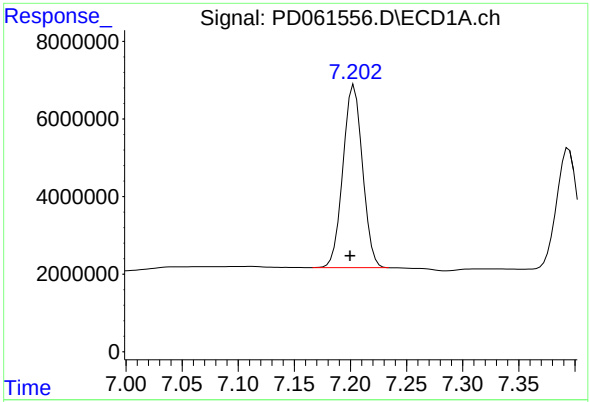
#20 Methoxychlor

R.T.: 6.965 min
Delta R.T.: 0.002 min
Response: 25458932
Conc: 45.17 ng/ml



#20 Methoxychlor

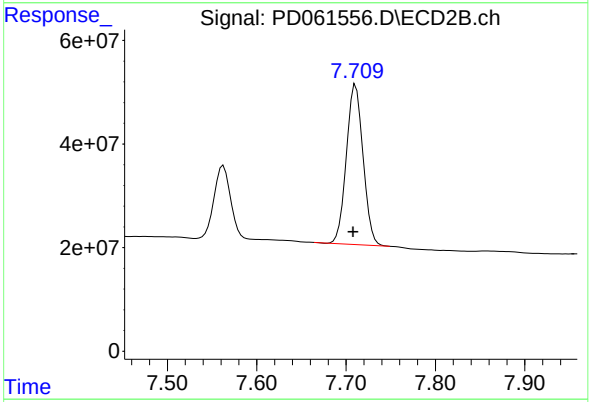
R.T.: 7.563 min
Delta R.T.: 0.002 min
Response: 180234722
Conc: 38.96 ng/ml



#21 Endrin ketone

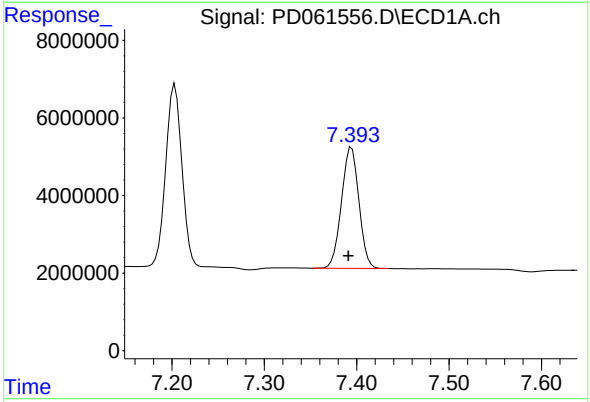
R.T.: 7.203 min
Delta R.T.: 0.003 min
Response: 57045804
Conc: 46.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135146BS



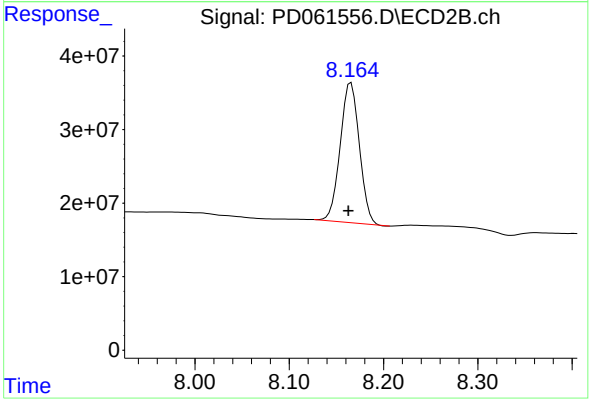
#21 Endrin ketone

R.T.: 7.711 min
Delta R.T.: 0.003 min
Response: 400875271
Conc: 43.46 ng/ml



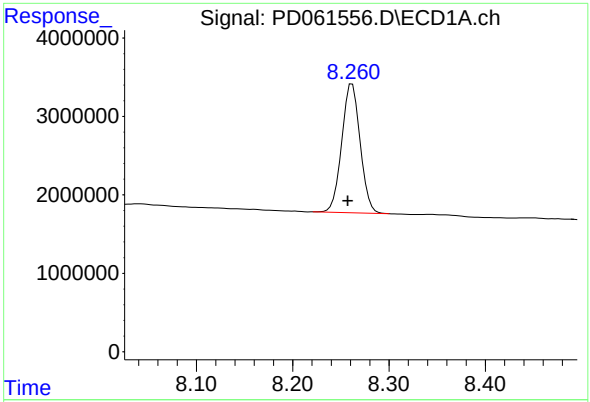
#22 Mirex

R.T.: 7.395 min
Delta R.T.: 0.003 min
Response: 40847969
Conc: 41.20 ng/ml



#22 Mirex

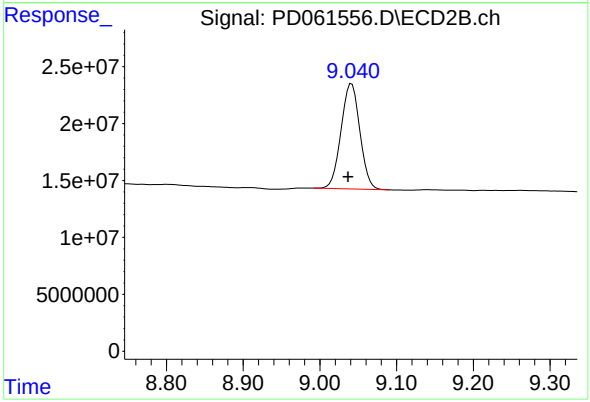
R.T.: 8.166 min
Delta R.T.: 0.003 min
Response: 269622769
Conc: 44.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.262 min
Delta R.T.: 0.004 min
Response: 21715649
Conc: 18.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB135146BS



#28 Decachlorobiphenyl

R.T.: 9.041 min
Delta R.T.: 0.005 min
Response: 158117752
Conc: 18.33 ng/ml