

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082121\
 Data File : PD065215.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2021 23:34
 Operator : AR\AJ
 Sample : M3505-01MSD
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 DRILL-CUTTINGMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 02:00:02 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 20 02:25:41 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...	3.496	4.013	19989435	154.4E6	19.447	19.493
28)	SA Decachlor...	8.239	9.085	21120467	74438090	18.640	15.729
Target Compounds							
2)	A alpha-BHC	3.935	4.408	68530326	524.5E6	47.884	45.148
3)	MA gamma-BHC...	4.218	4.695	64179720	480.5E6	46.780	45.361
4)	MA Heptachlor	4.517	5.198	60588196	456.8E6	46.518	45.565
5)	MB Aldrin	4.764	5.504	56907638	412.3E6	47.454	45.644
6)	B beta-BHC	4.466	4.870	30739801	214.8E6	47.179	47.555
7)	B delta-BHC	4.671	5.087	62774645	459.1E6	47.482	47.271
8)	B Heptachlo...	5.206	5.893	55079178	364.1E6	48.469	48.801
9)	A Endosulfan I	5.545	6.250	52167493	342.8E6	48.906	48.670
10)	B gamma-Chl...	5.431	6.127	55376951	348.7E6	48.977	45.602
11)	B alpha-Chl...	5.490	6.198	54662695	343.3E6	48.821	46.111
12)	B 4,4'-DDE	5.652	6.357	52694580	338.3E6	49.998	47.115
13)	MA Dieldrin	5.788	6.509	57238387	345.4E6	51.003	47.607
14)	MA Endrin	6.046	6.728	51790550	291.3E6	49.353	47.328
15)	B Endosulfa...	6.317	6.941	53136583	289.8E6	53.144	49.415
16)	A 4,4'-DDD	6.168	6.851	47123305	285.1E6	49.824	48.481
17)	MA 4,4'-DDT	6.408	7.148	49801746	290.1E6	50.077	48.373
18)	B Endrin al...	6.486	7.065	45493225	255.7E6	54.977	54.815
19)	B Endosulfa...	6.698	7.287	55424075	286.8E6	52.193	50.013
20)	A Methoxychlor	6.954	7.607	29907292	169.6E6	50.740	56.040
21)	B Endrin ke...	7.192	7.761	67027050	338.6E6	52.575	52.100
22)	Mirex	7.377	8.210	51020524	218.3E6	50.034	49.022
23)	Chlordane-1	4.393f	0.000	1095250	0	28.920	N.D. #
24)	Chlordane-2	0.000	5.504f	0	412.3E6	N.D.	1317.993 #
25)	Chlordane-3	5.431	6.127	55376951	348.7E6	501.735	337.262 #
26)	Chlordane-4	5.490	6.198	54662695	343.3E6	595.430	285.515 #
27)	Chlordane-5	6.317	0.000	53136583	0	1181.108	N.D. #

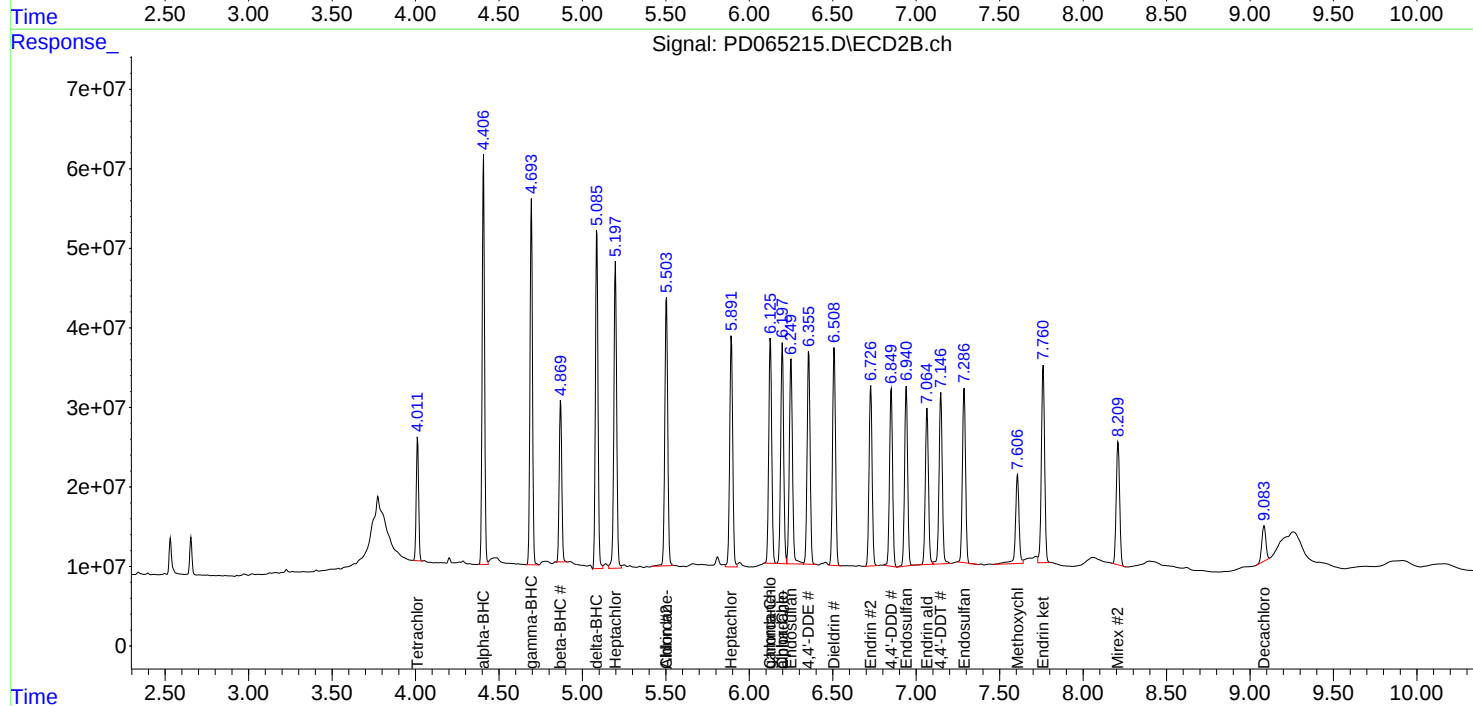
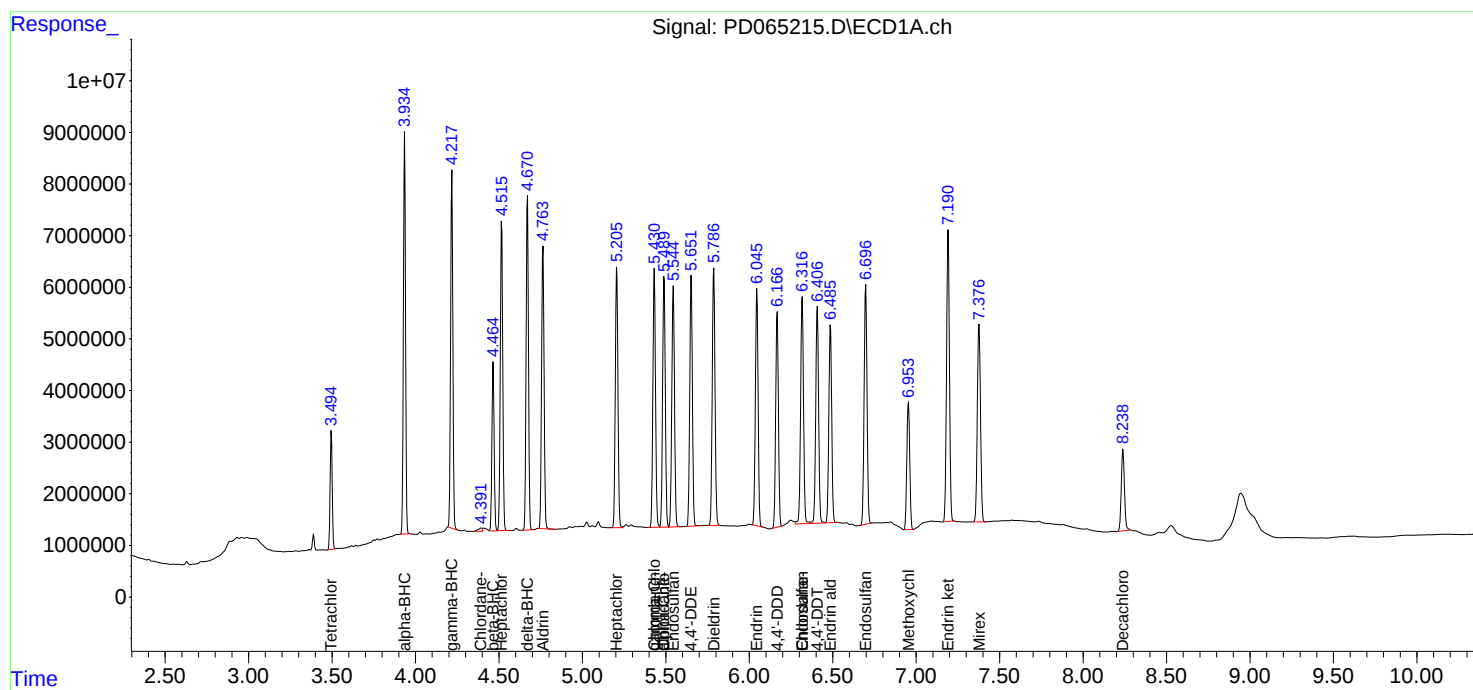
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

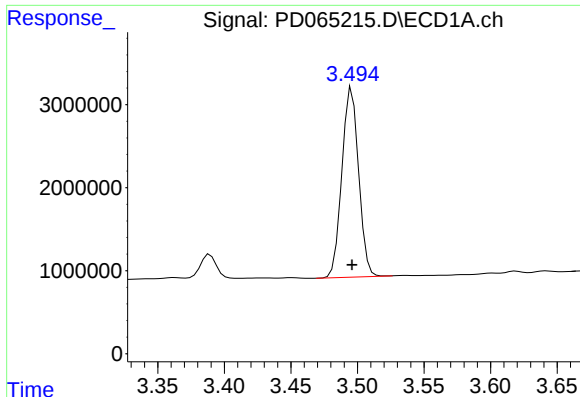
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082121\
Data File : PD065215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Aug 2021 23:34
Operator : AR\AJ
Sample : M3505-01MSD
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 23 02:00:02 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
Quant Title : GC Extractables
QLast Update : Fri Aug 20 02:25:41 2021
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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

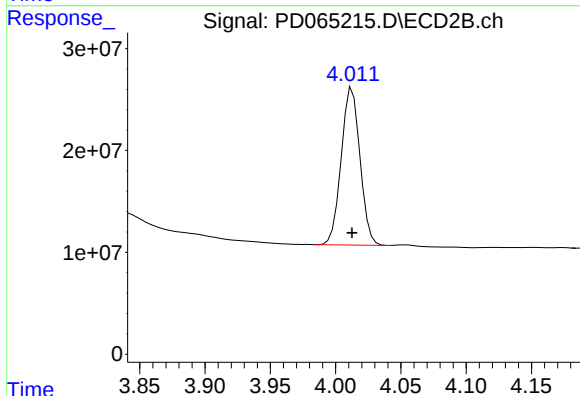




#1 Tetrachloro-m-xylene

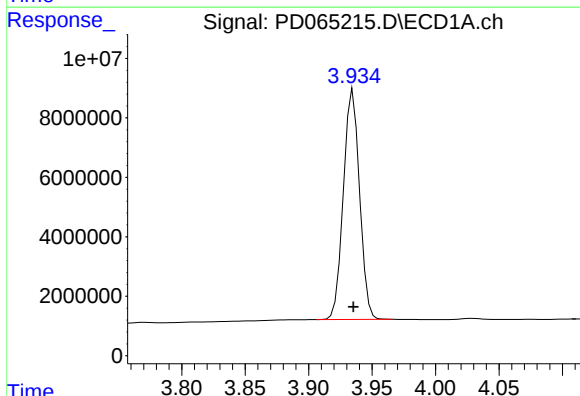
R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 19989435
Conc: 19.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMSD



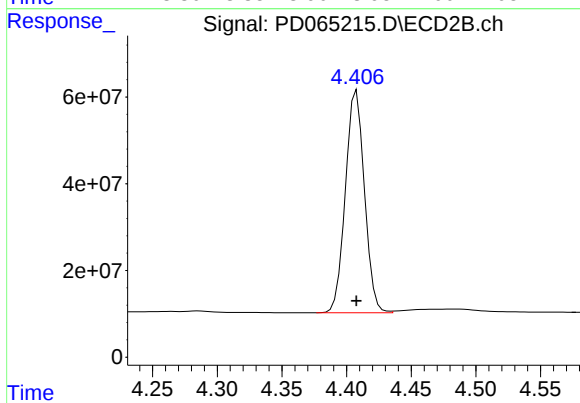
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 154398525
Conc: 19.49 ng/ml



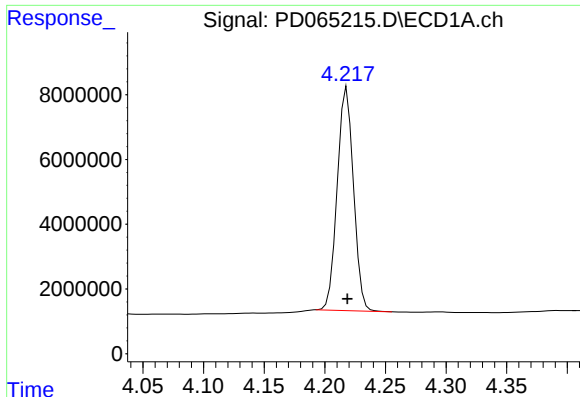
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 68530326
Conc: 47.88 ng/ml



#2 alpha-BHC

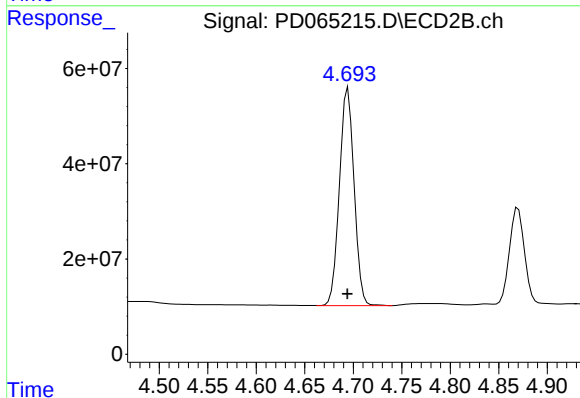
R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 524487229
Conc: 45.15 ng/ml



#3 gamma-BHC (Lindane)

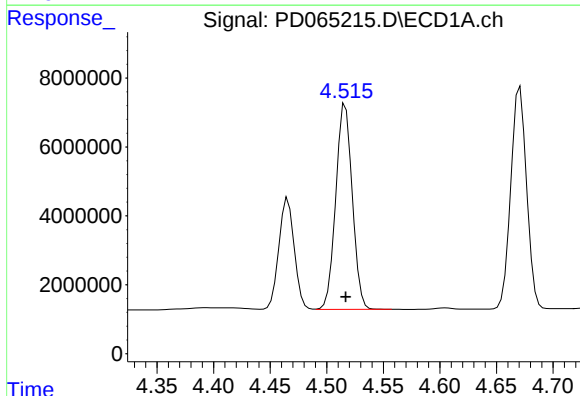
R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 64179720
Conc: 46.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMSD



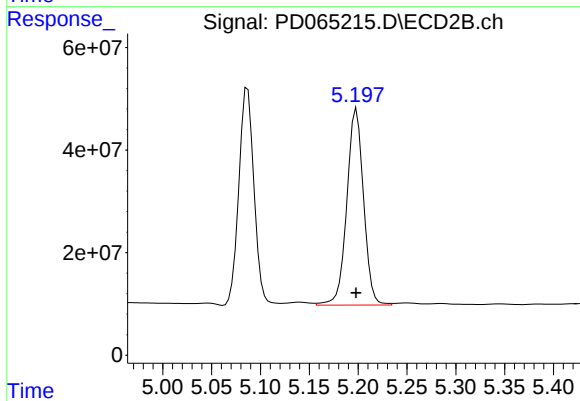
#3 gamma-BHC (Lindane)

R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 480526378
Conc: 45.36 ng/ml



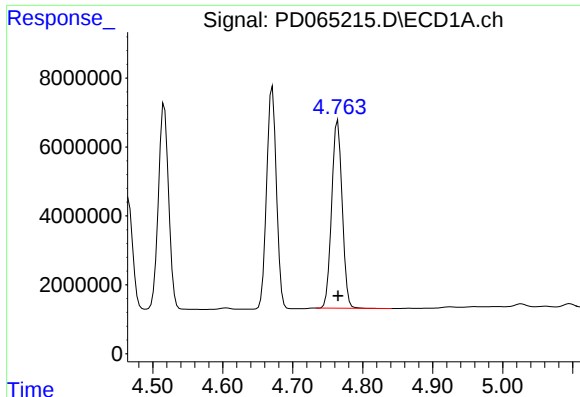
#4 Heptachlor

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 60588196
Conc: 46.52 ng/ml



#4 Heptachlor

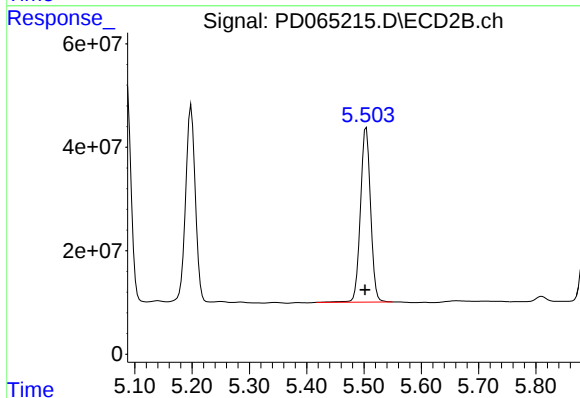
R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 456836096
Conc: 45.57 ng/ml



#5 Aldrin

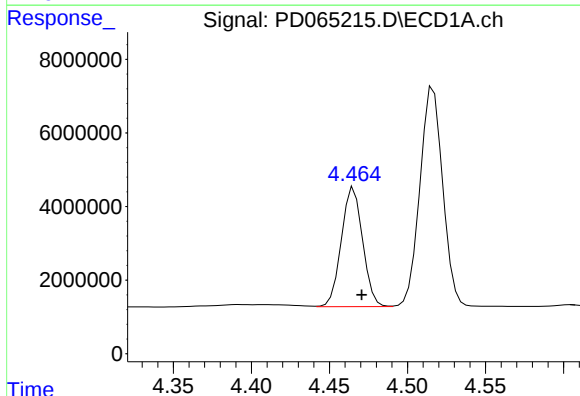
R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 56907638
Conc: 47.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMSD



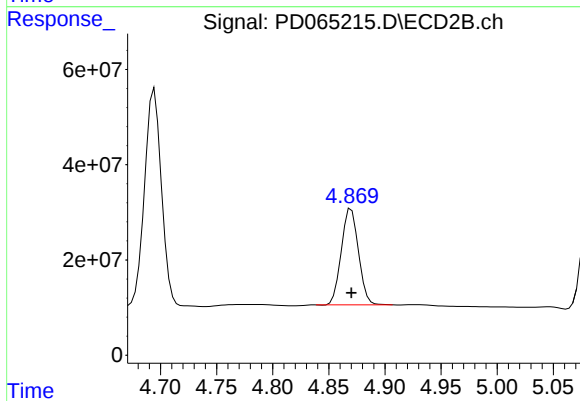
#5 Aldrin

R.T.: 5.504 min
Delta R.T.: 0.002 min
Response: 412300411
Conc: 45.64 ng/ml



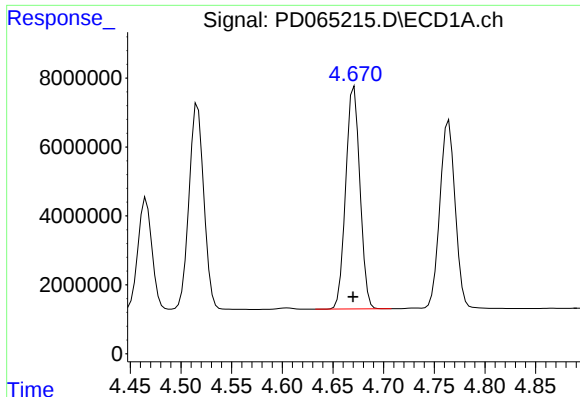
#6 beta-BHC

R.T.: 4.466 min
Delta R.T.: -0.005 min
Response: 30739801
Conc: 47.18 ng/ml



#6 beta-BHC

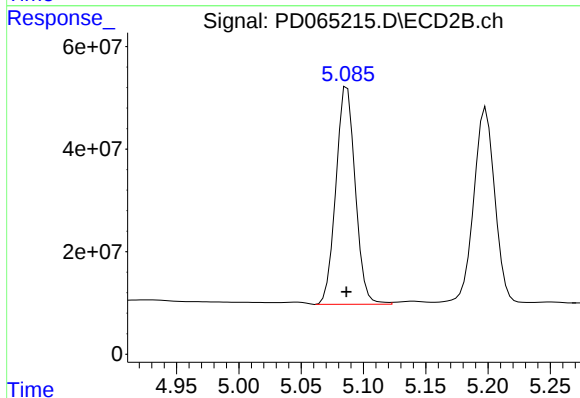
R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 214804235
Conc: 47.56 ng/ml



#7 delta-BHC

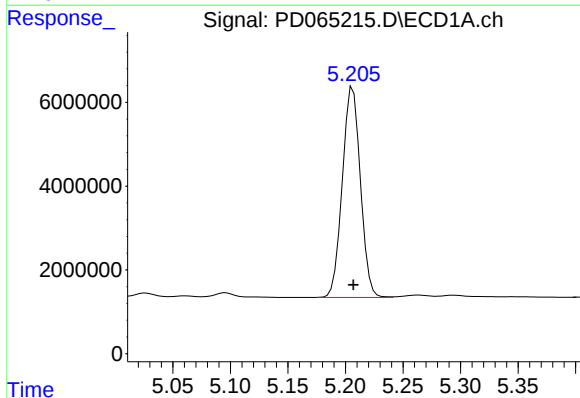
R.T.: 4.671 min
Delta R.T.: 0.001 min
Response: 62774645
Conc: 47.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMSD



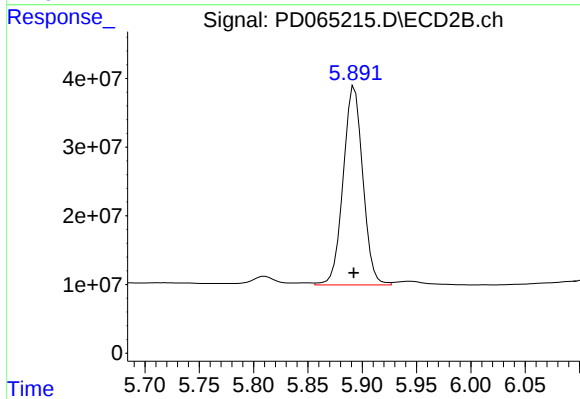
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 459072178
Conc: 47.27 ng/ml



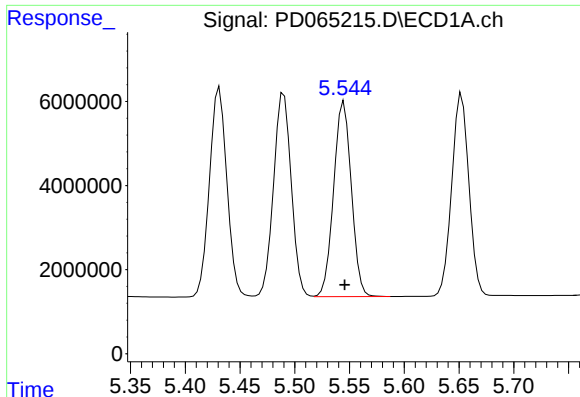
#8 Heptachlor epoxide

R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 55079178
Conc: 48.47 ng/ml



#8 Heptachlor epoxide

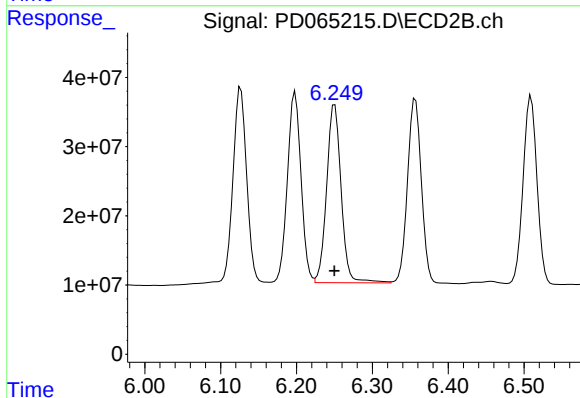
R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 364078789
Conc: 48.80 ng/ml



#9 Endosulfan I

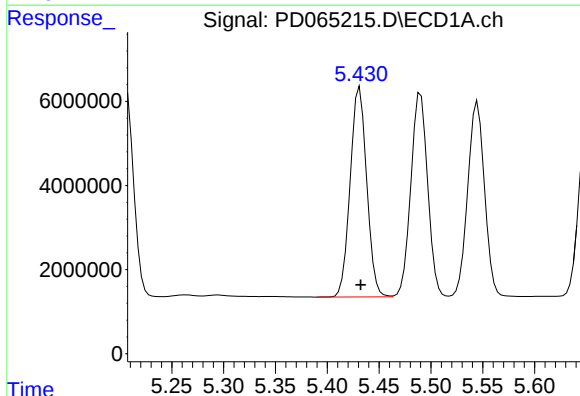
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 52167493
Conc: 48.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMSD



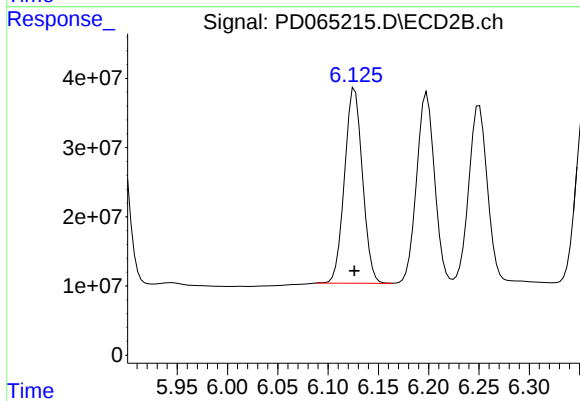
#9 Endosulfan I

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 342765150
Conc: 48.67 ng/ml



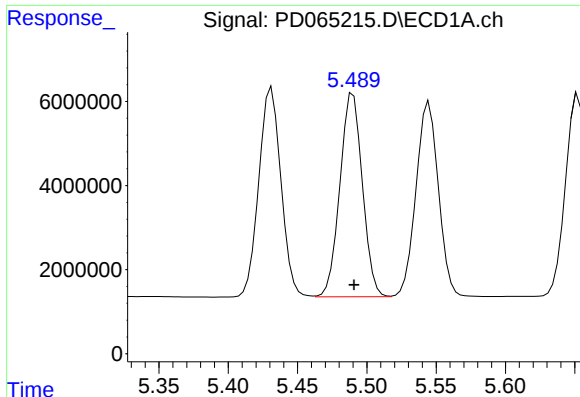
#10 gamma-Chlordane

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 55376951
Conc: 48.98 ng/ml



#10 gamma-Chlordane

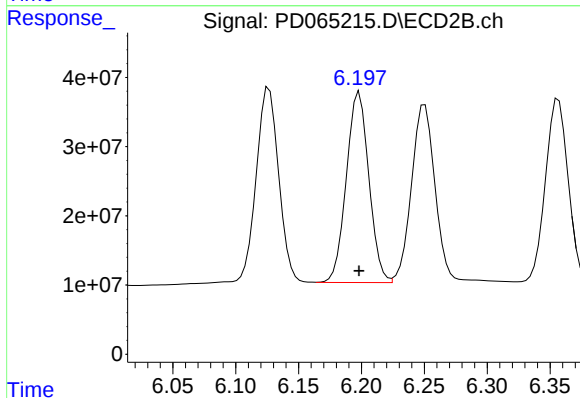
R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 348679460
Conc: 45.60 ng/ml



#11 alpha-Chlordane

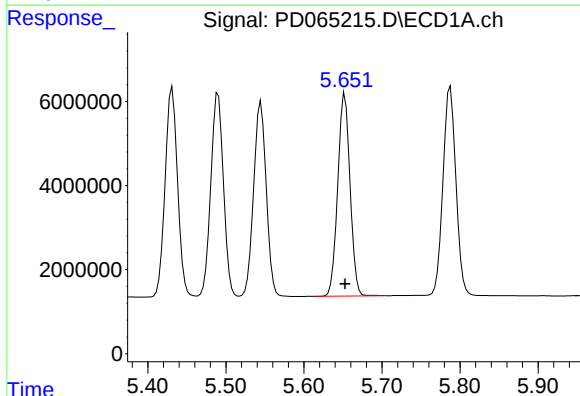
R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 54662695
Conc: 48.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMSD



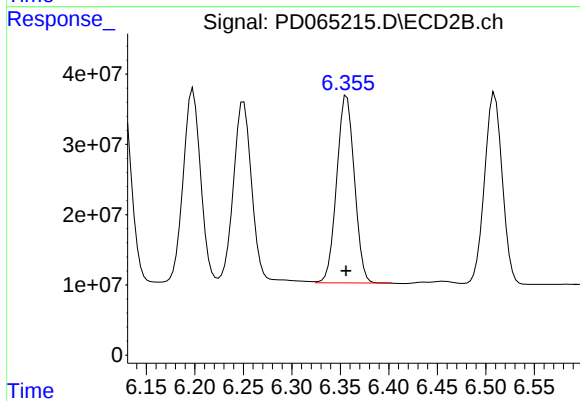
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 343280044
Conc: 46.11 ng/ml



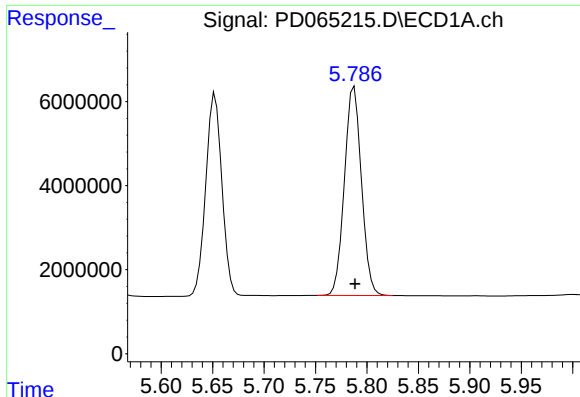
#12 4,4'-DDE

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 52694580
Conc: 50.00 ng/ml



#12 4,4'-DDE

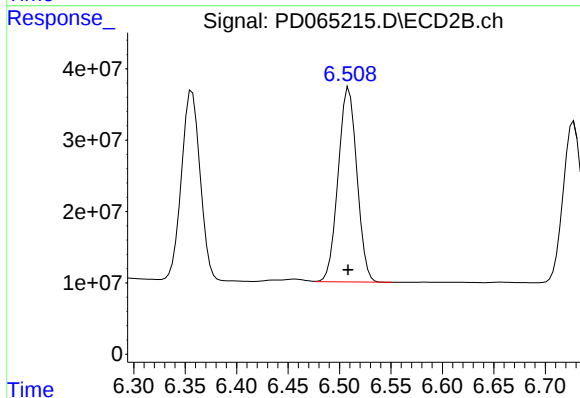
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 338318158
Conc: 47.11 ng/ml



#13 Dieldrin

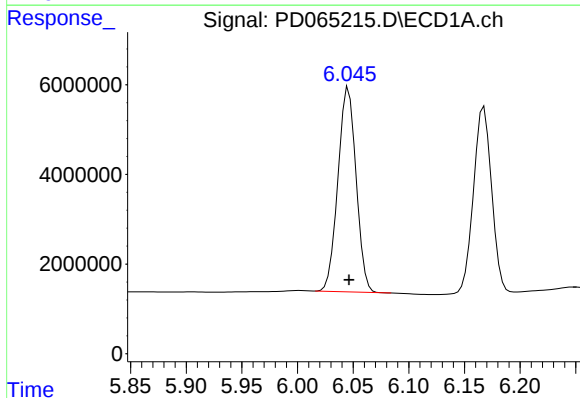
R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 57238387
Conc: 51.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMSD



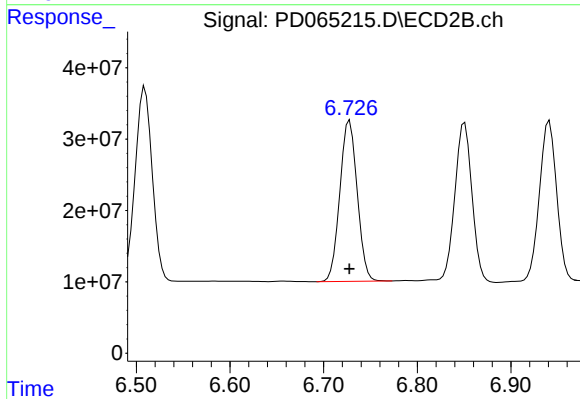
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 345444115
Conc: 47.61 ng/ml



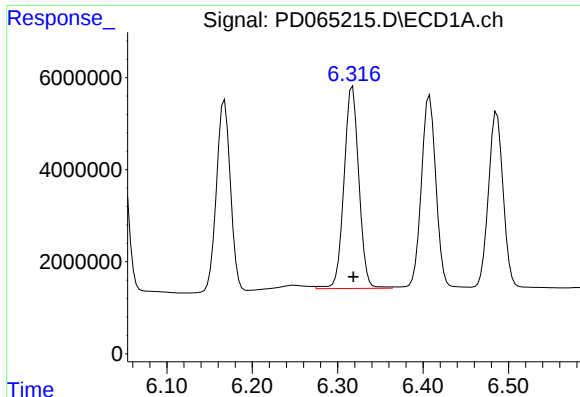
#14 Endrin

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 51790550
Conc: 49.35 ng/ml



#14 Endrin

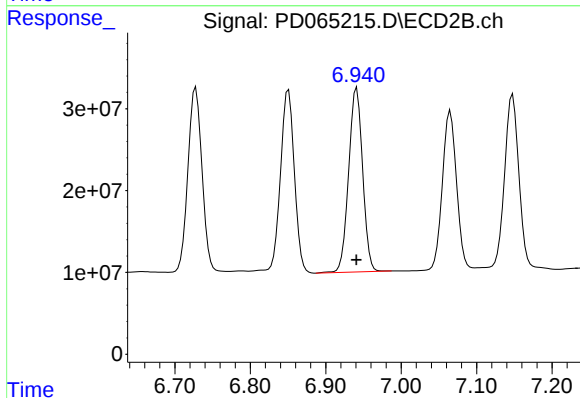
R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 291294961
Conc: 47.33 ng/ml



#15 Endosulfan II

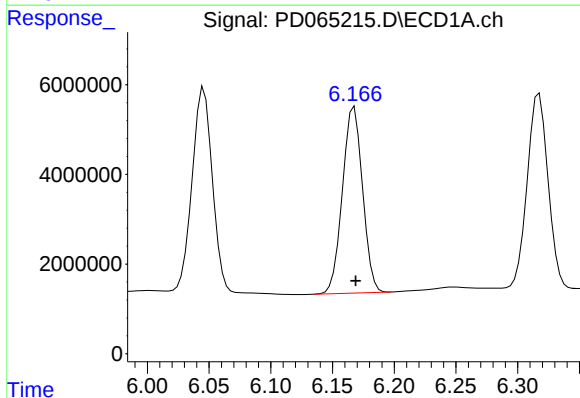
R.T.: 6.317 min
Delta R.T.: -0.001 min
Response: 53136583
Conc: 53.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMSD



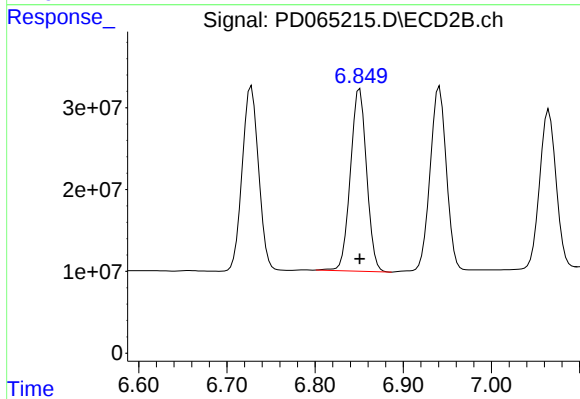
#15 Endosulfan II

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 289764215
Conc: 49.42 ng/ml



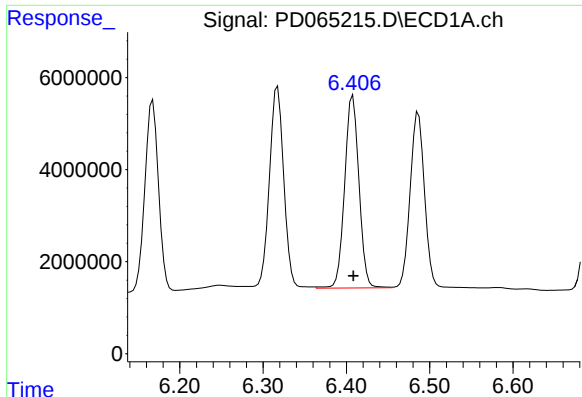
#16 4,4'-DDD

R.T.: 6.168 min
Delta R.T.: -0.001 min
Response: 47123305
Conc: 49.82 ng/ml



#16 4,4'-DDD

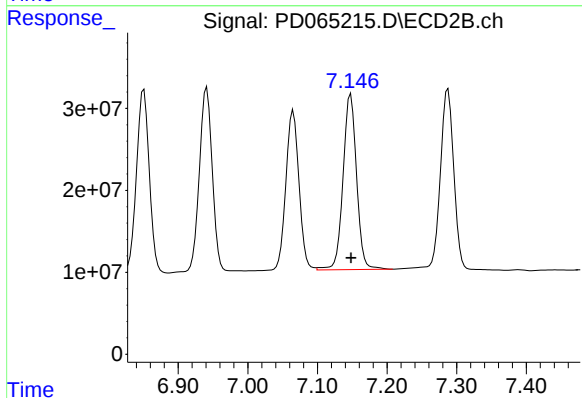
R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 285090144
Conc: 48.48 ng/ml



#17 4,4'-DDT

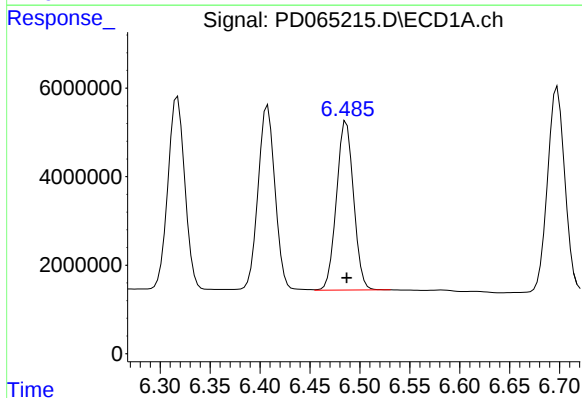
R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 49801746
Conc: 50.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMSD



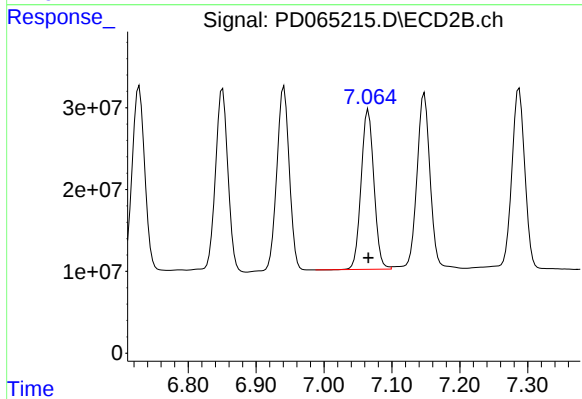
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 290090948
Conc: 48.37 ng/ml



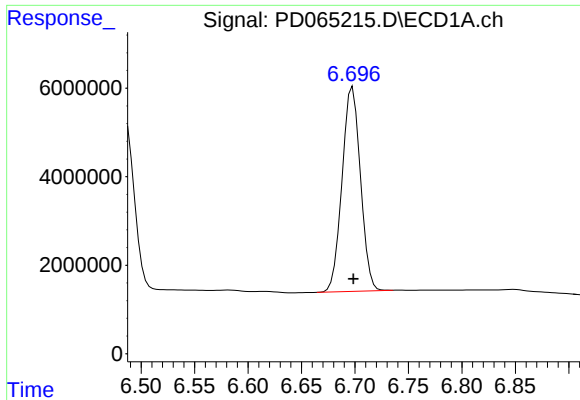
#18 Endrin aldehyde

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 45493225
Conc: 54.98 ng/ml



#18 Endrin aldehyde

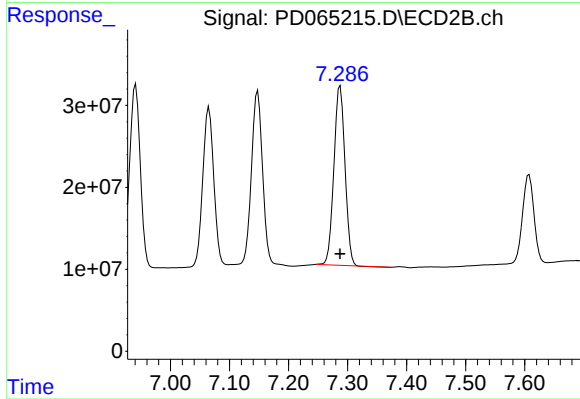
R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 255678547
Conc: 54.81 ng/ml



#19 Endosulfan Sulfate

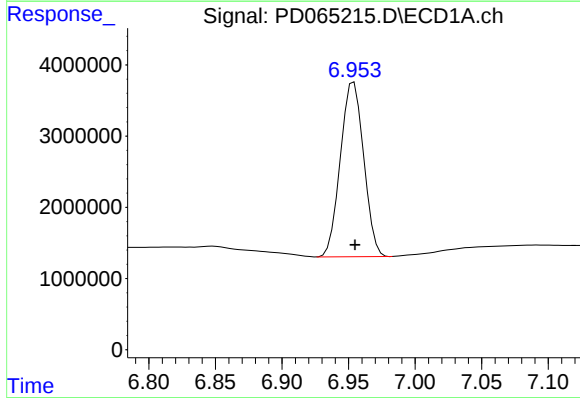
R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 55424075
Conc: 52.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMSD



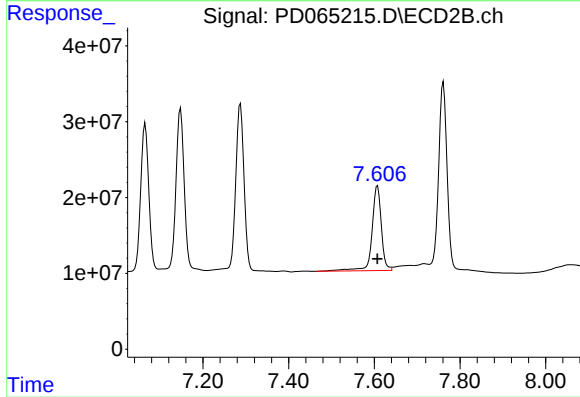
#19 Endosulfan Sulfate

R.T.: 7.287 min
Delta R.T.: 0.000 min
Response: 286806193
Conc: 50.01 ng/ml



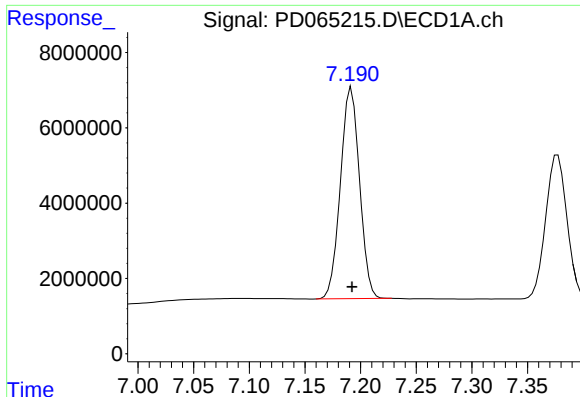
#20 Methoxychlor

R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 29907292
Conc: 50.74 ng/ml



#20 Methoxychlor

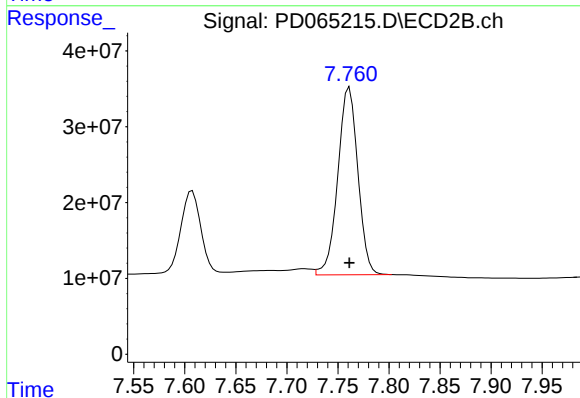
R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 169582928
Conc: 56.04 ng/ml



#21 Endrin ketone

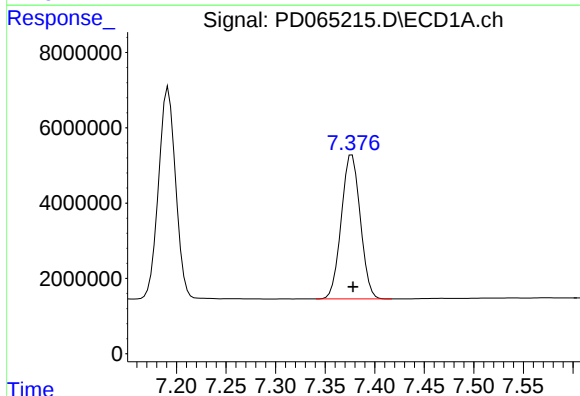
R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 67027050
Conc: 52.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMSD



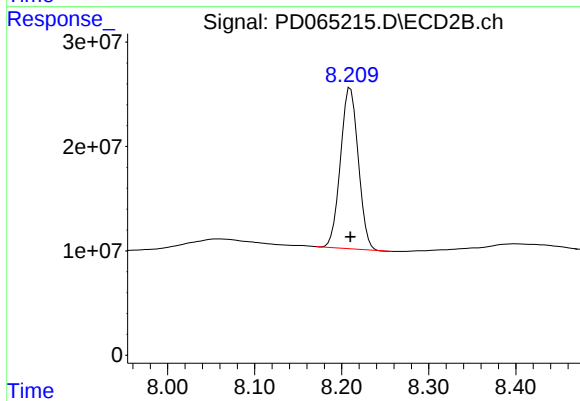
#21 Endrin ketone

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 338585846
Conc: 52.10 ng/ml



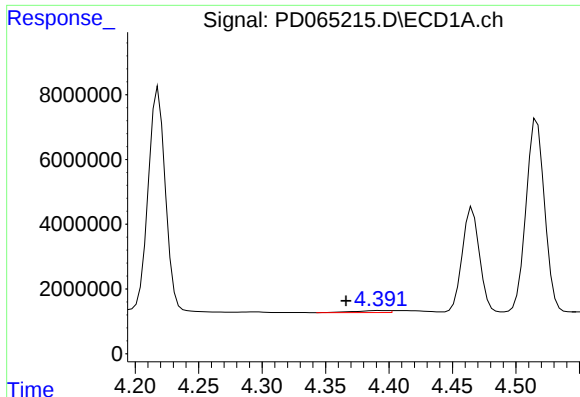
#22 Mirex

R.T.: 7.377 min
Delta R.T.: -0.001 min
Response: 51020524
Conc: 50.03 ng/ml



#22 Mirex

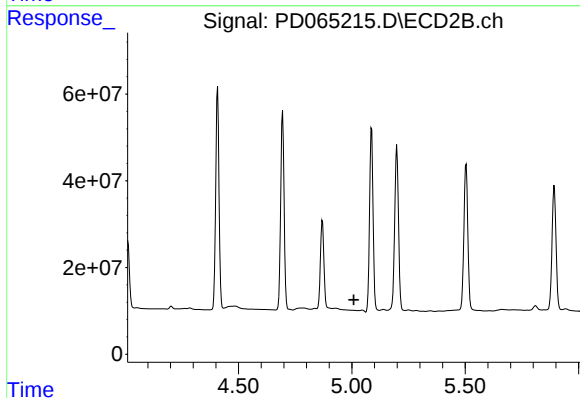
R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 218263031
Conc: 49.02 ng/ml



#23 Chlordane-1

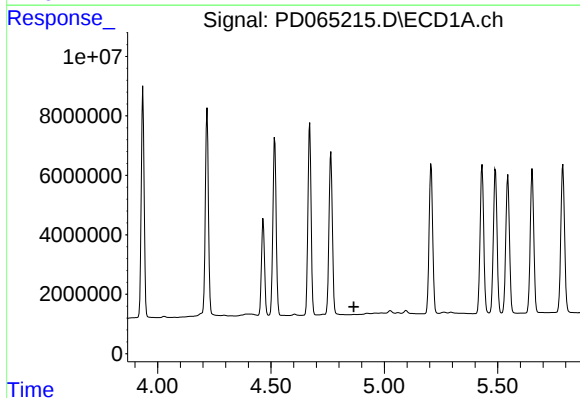
R.T.: 4.393 min
Delta R.T.: 0.027 min
Response: 1095250
Conc: 28.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMSD



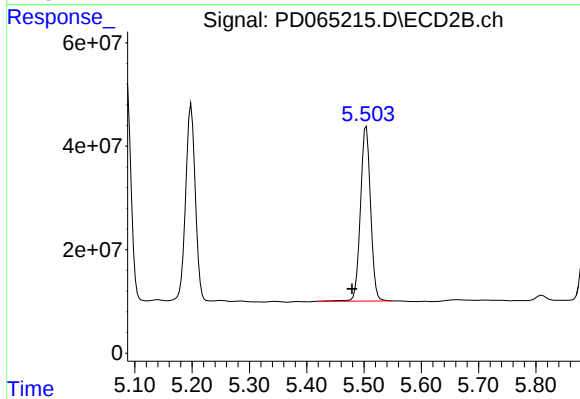
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.009 min
Response: 0
Conc: N.D.



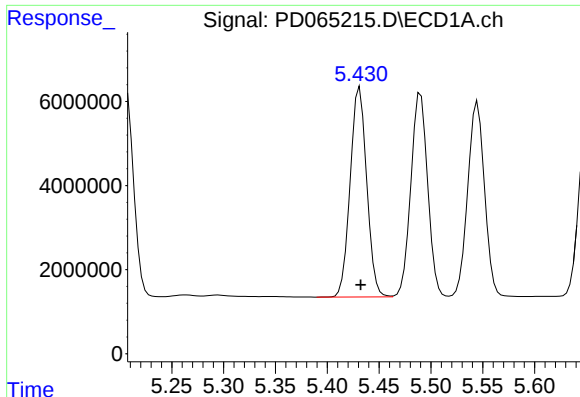
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.866 min
Response: 0
Conc: N.D.



#24 Chlordane-2

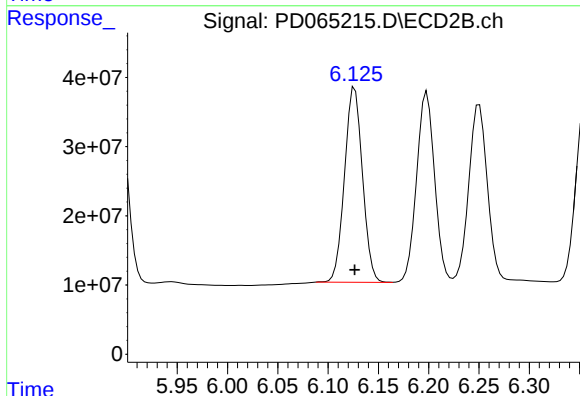
R.T.: 5.504 min
Delta R.T.: 0.025 min
Response: 412300411
Conc: 1317.99 ng/ml



#25 Chlordane-3

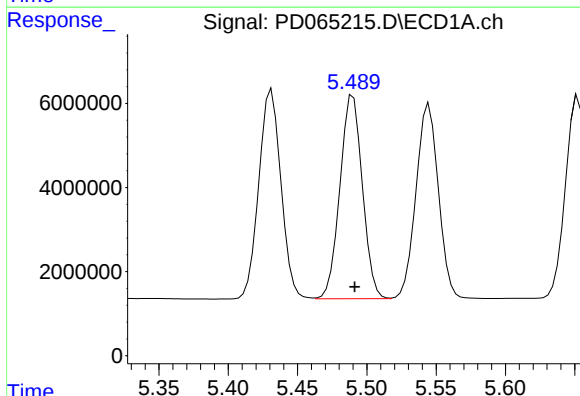
R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 55376951
Conc: 501.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMSD



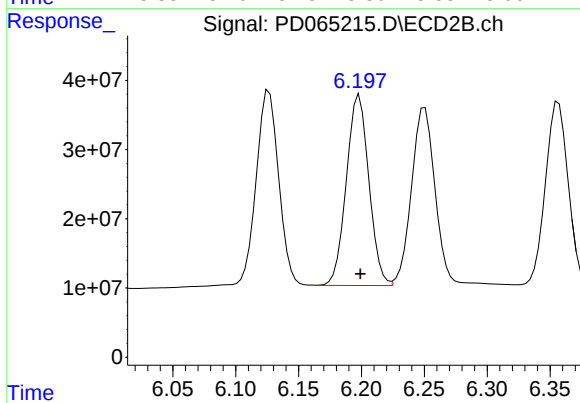
#25 Chlordane-3

R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 348679460
Conc: 337.26 ng/ml



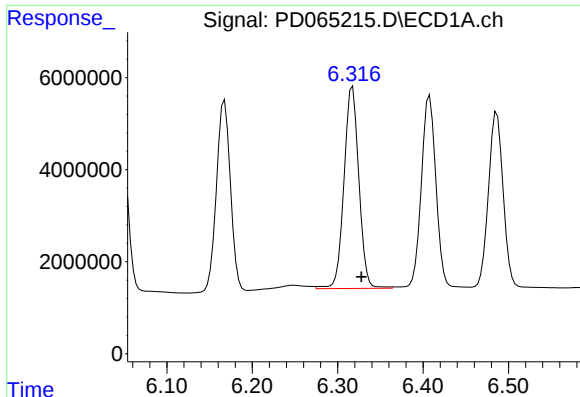
#26 Chlordane-4

R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 54662695
Conc: 595.43 ng/ml



#26 Chlordane-4

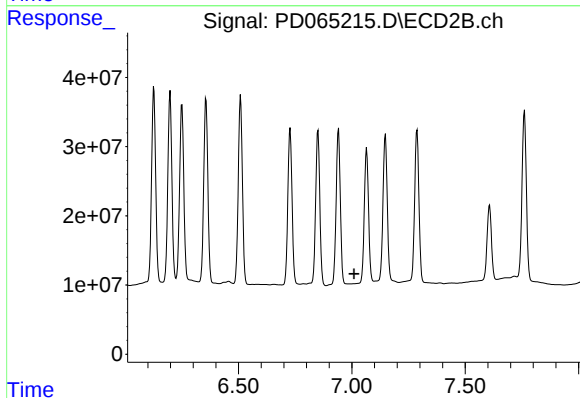
R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 343280044
Conc: 285.51 ng/ml



#27 Chlordane-5

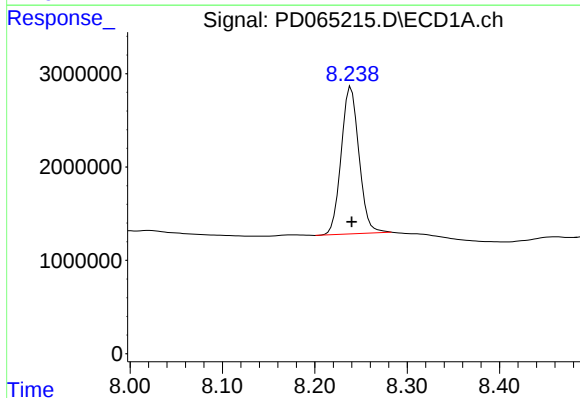
R.T.: 6.317 min
Delta R.T.: -0.010 min
Response: 53136583
Conc: 1181.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMSD



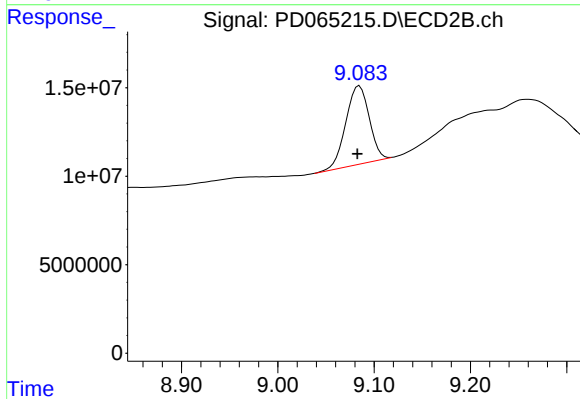
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 7.010 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.239 min
Delta R.T.: 0.000 min
Response: 21120467
Conc: 18.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.002 min
Response: 74438090
Conc: 15.73 ng/ml