

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060521\
 Data File : PD063475.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2021 15:09
 Operator : AR\AJ
 Sample : M2598-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 17

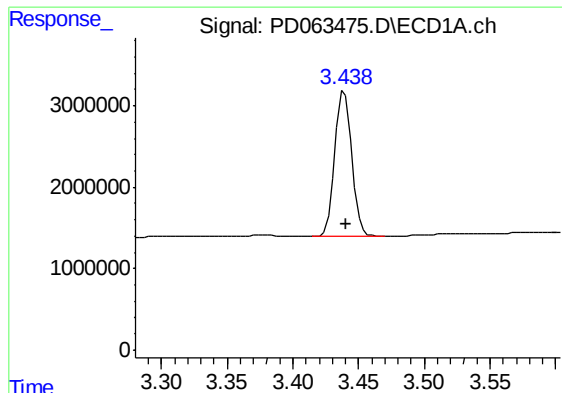
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 02:46:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060221.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 03 01:33:41 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.439	3.971	16026145	168.7E6	11.582	12.594
28)	SA Decachlor...	8.196	9.027	21062037	83125580	13.392	6.016 #
Target Compounds							
2)	A alpha-BHC	3.875	4.360	750479	-288158	0.359	N.D. #
3)	MA gamma-BHC...	4.159	4.643	1604339	5768318	0.817	0.304 #
4)	MA Heptachlor	4.459	5.151	1283878	7914555	0.661	0.414 #
5)	MB Aldrin	4.708	5.455	669320	15543321	0.354	0.799 #
6)	B beta-BHC	4.408	4.821	943565	2308249	1.085	0.293 #
8)	B Heptachlo...	0.000	5.842	0	17310545	N.D.	0.947 #
9)	A Endosulfan I	0.000	6.198	0	5677299	N.D.	0.333 #
10)	B gamma-Chl...	5.378	6.075	1081626	22726036	0.606	1.223 #
11)	B alpha-Chl...	5.436	6.149	1664531	33274458	0.941	1.872 #
12)	B 4,4'-DDE	5.599	6.304	8318632	94874831	4.784	5.221
13)	MA Dieldrin	5.729	6.452	1957592	11391203	1.115	0.629 #
14)	MA Endrin	5.990	6.668	1338755	6044491	0.842	0.393 #
15)	B Endosulfa...	6.267	6.880	965846	4617553	0.689	0.313 #
16)	A 4,4'-DDD	0.000	6.798	0	15274036	N.D.	1.027 #
17)	MA 4,4'-DDT	6.357	7.094	6973112	64882545	4.827	4.311
18)	B Endrin al...	6.437	7.006	996996	3060239	0.838	0.253 #
19)	B Endosulfa...	6.644	0.000	922516	0	0.722	N.D. #
20)	A Methoxychlor	6.889	7.554	1699517	3219560	2.131	0.435 #
22)	Mirex	0.000	8.151	0	7163779	N.D.	0.716 #
23)	Chlordane-1	4.309	4.961	1011208	2517239	20.831	4.352 #
24)	Chlordane-2	0.000	5.455f	0	15543321	N.D.	27.782 #
25)	Chlordane-3	5.378	6.075	1081626	22726036	6.359	9.199 #
26)	Chlordane-4	5.436	6.149	1664531	33274458	11.942	11.641
27)	Chlordane-5	6.267	6.950	965846	312182	17.448	0.597 #

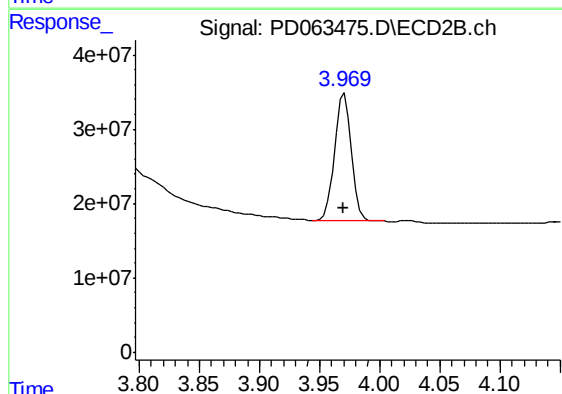
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

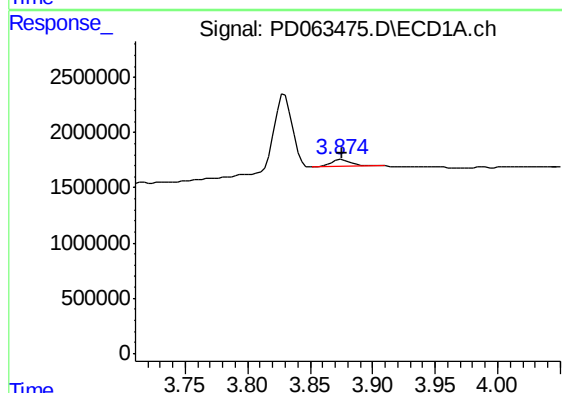
R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 16026145
Conc: 11.58 ng/ml

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ECD_D
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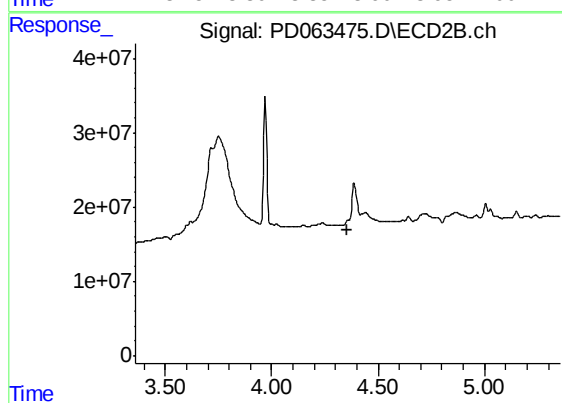
#1 Tetrachloro-m-xylene

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 168741802
Conc: 12.59 ng/ml



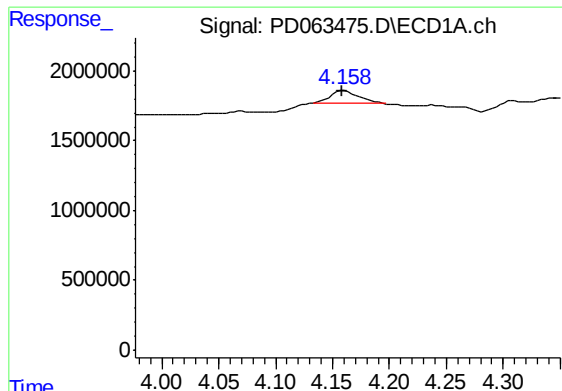
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: 0.000 min
Response: 750479
Conc: 0.36 ng/ml



#2 alpha-BHC

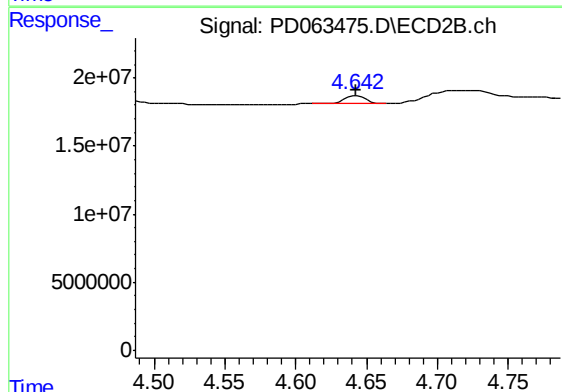
R.T.: 4.360 min
Delta R.T.: 0.001 min
Response: -288158
Conc: N.D.



#3 gamma-BHC (Lindane)

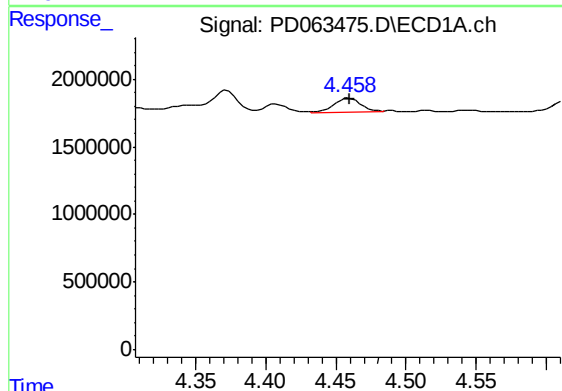
R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 1604339
Conc: 0.82 ng/ml

Instrument :
ECD_D
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17



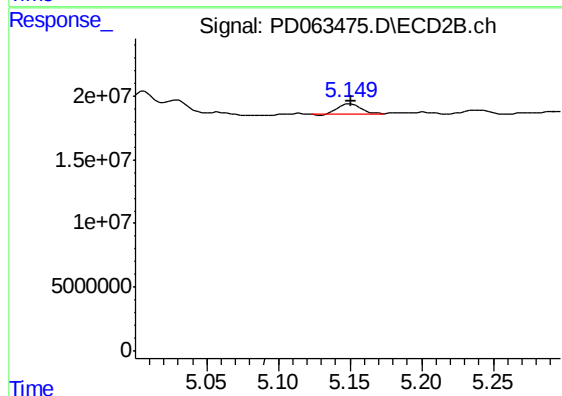
#3 gamma-BHC (Lindane)

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 5768318
Conc: 0.30 ng/ml



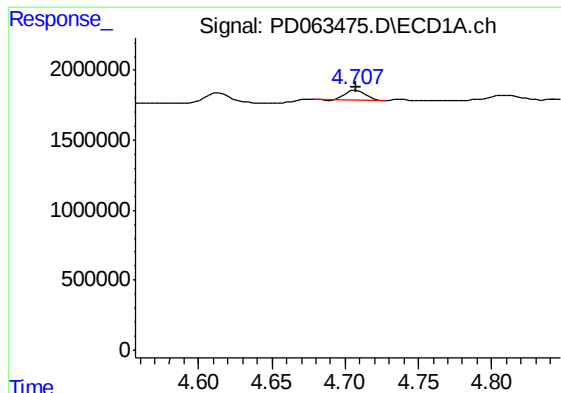
#4 Heptachlor

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 1283878
Conc: 0.66 ng/ml



#4 Heptachlor

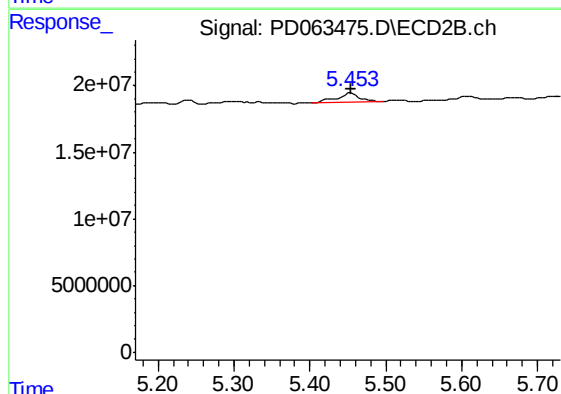
R.T.: 5.151 min
Delta R.T.: 0.000 min
Response: 7914555
Conc: 0.41 ng/ml



#5 Aldrin

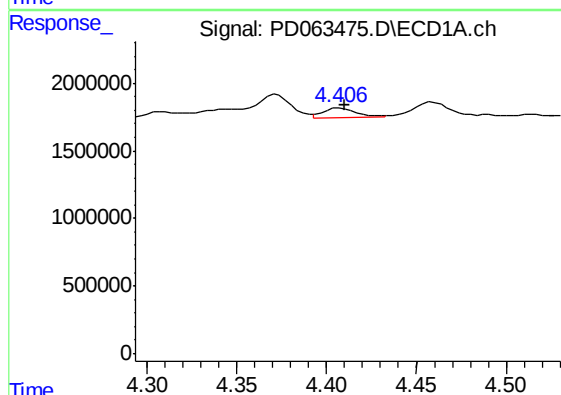
R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 669320
Conc: 0.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
17



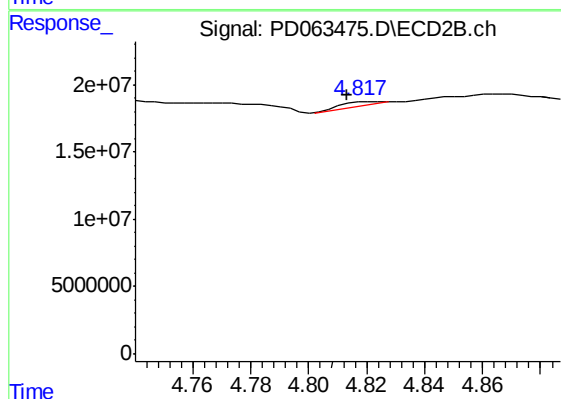
#5 Aldrin

R.T.: 5.455 min
Delta R.T.: 0.000 min
Response: 15543321
Conc: 0.80 ng/ml



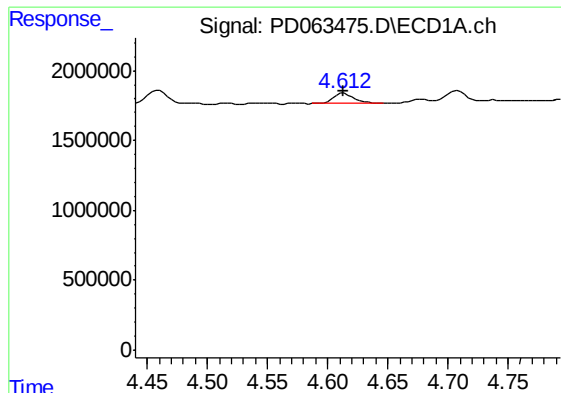
#6 beta-BHC

R.T.: 4.408 min
Delta R.T.: -0.002 min
Response: 943565
Conc: 1.08 ng/ml



#6 beta-BHC

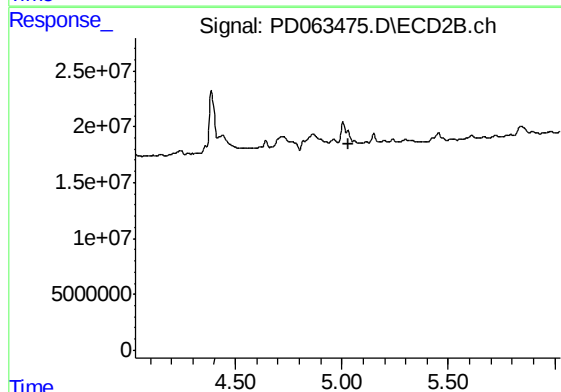
R.T.: 4.821 min
Delta R.T.: 0.007 min
Response: 2308249
Conc: 0.29 ng/ml



#7 delta-BHC

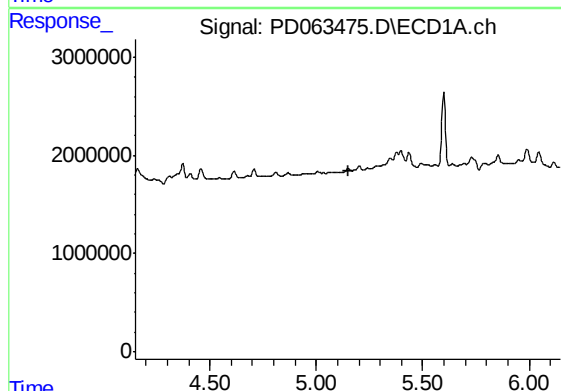
R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 860933
Conc: 0.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
17



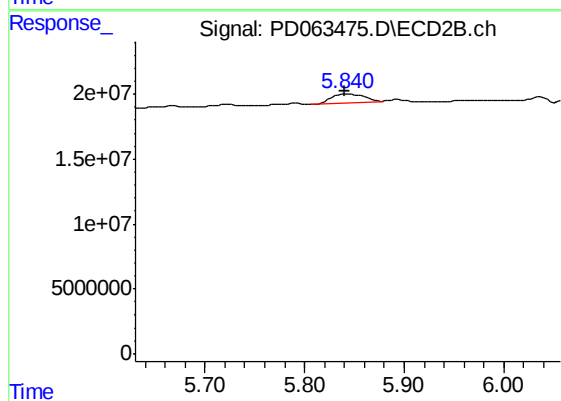
#7 delta-BHC

R.T.: 5.029 min
Delta R.T.: 0.000 min
Response: 10965817
Conc: N.D.



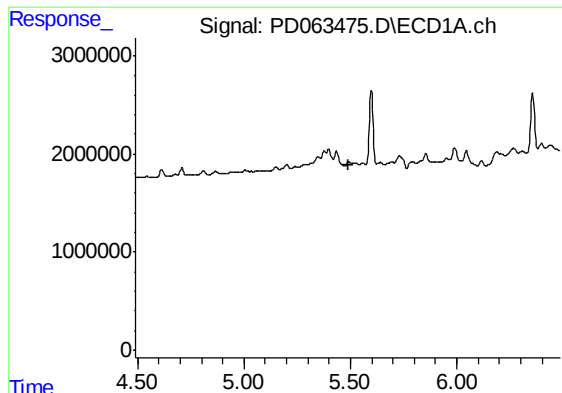
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.150 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

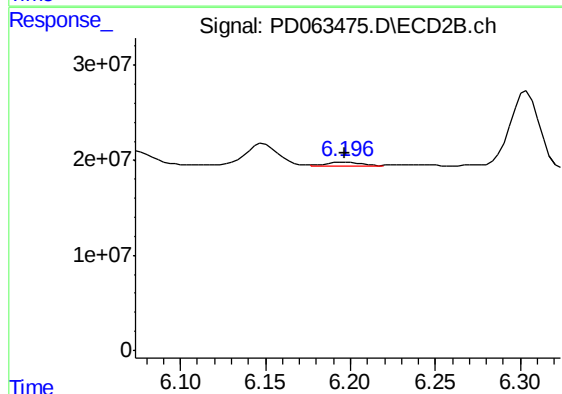
R.T.: 5.842 min
Delta R.T.: 0.002 min
Response: 17310545
Conc: 0.95 ng/ml



#9 Endosulfan I

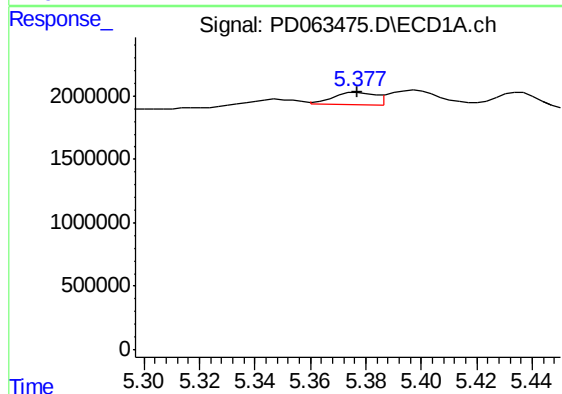
R.T.: 0.000 min
Exp R.T.: 5.489 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
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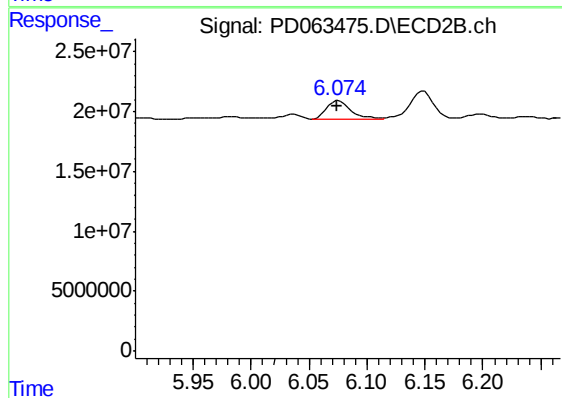
#9 Endosulfan I

R.T.: 6.198 min
Delta R.T.: 0.001 min
Response: 5677299
Conc: 0.33 ng/ml



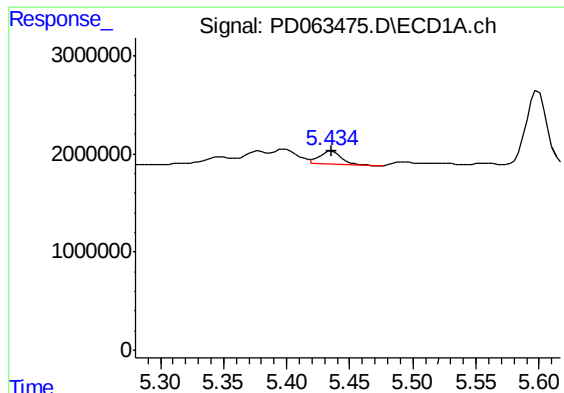
#10 gamma-Chlordane

R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 1081626
Conc: 0.61 ng/ml



#10 gamma-Chlordane

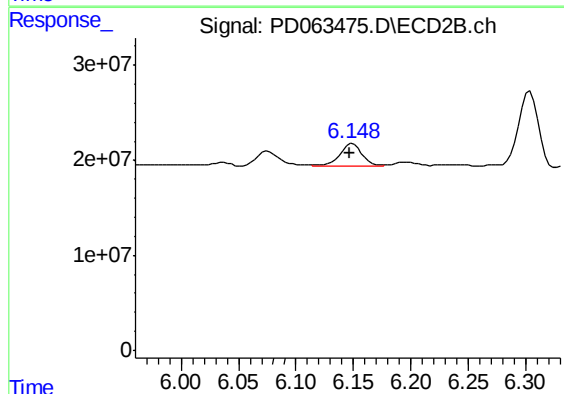
R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 22726036
Conc: 1.22 ng/ml



#11 alpha-Chlordane

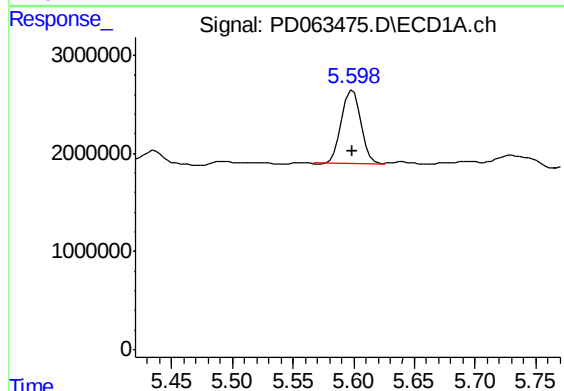
R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 1664531
Conc: 0.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
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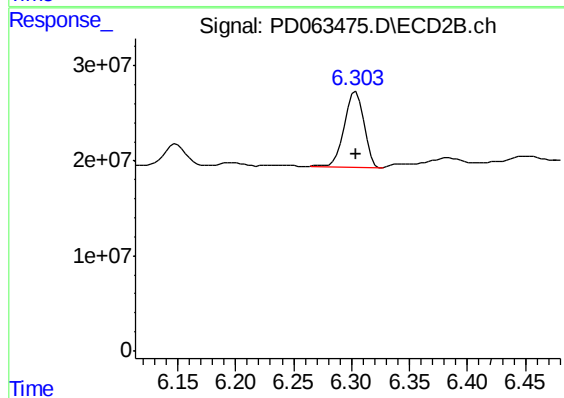
#11 alpha-Chlordane

R.T.: 6.149 min
Delta R.T.: 0.002 min
Response: 33274458
Conc: 1.87 ng/ml



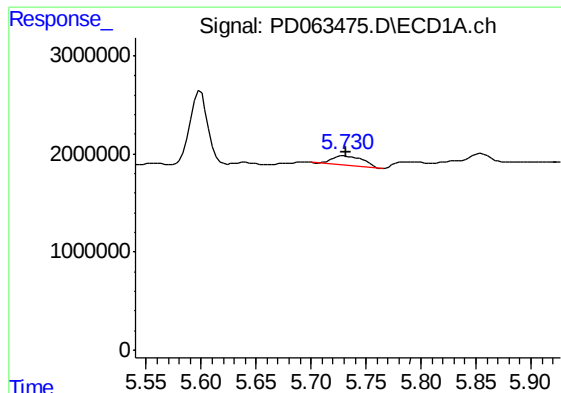
#12 4,4'-DDE

R.T.: 5.599 min
Delta R.T.: 0.000 min
Response: 8318632
Conc: 4.78 ng/ml



#12 4,4'-DDE

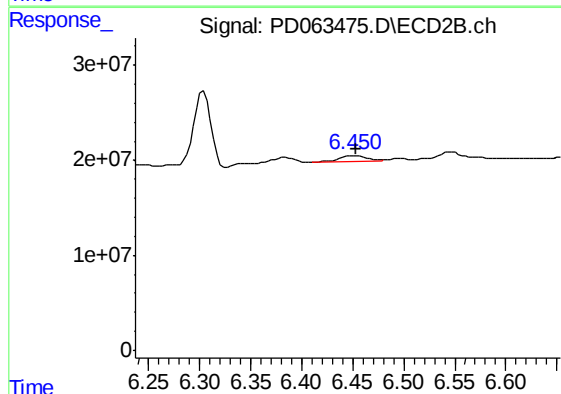
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 94874831
Conc: 5.22 ng/ml



#13 Dieldrin

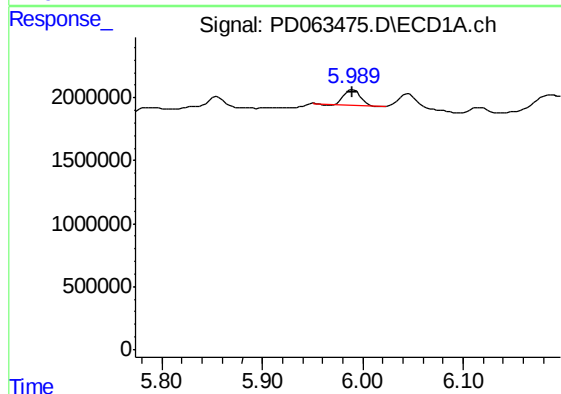
R.T.: 5.729 min
Delta R.T.: -0.003 min
Response: 1957592
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
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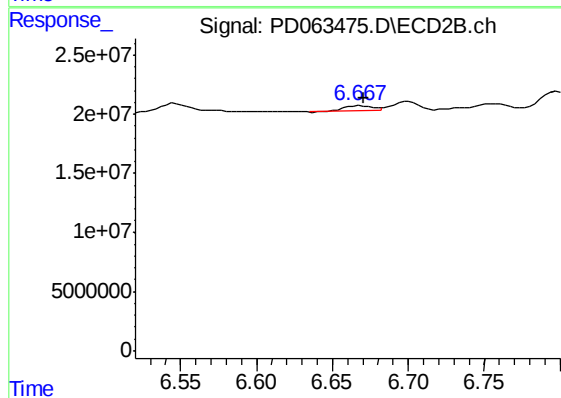
#13 Dieldrin

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 11391203
Conc: 0.63 ng/ml



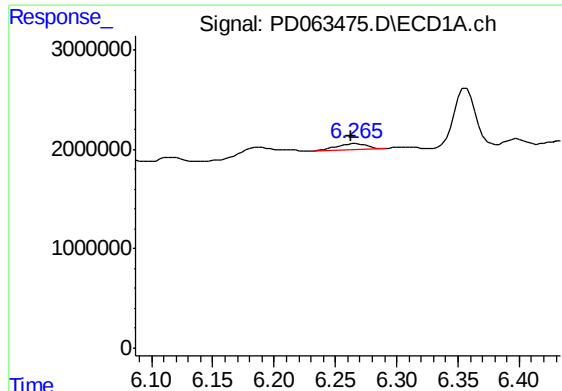
#14 Endrin

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 1338755
Conc: 0.84 ng/ml



#14 Endrin

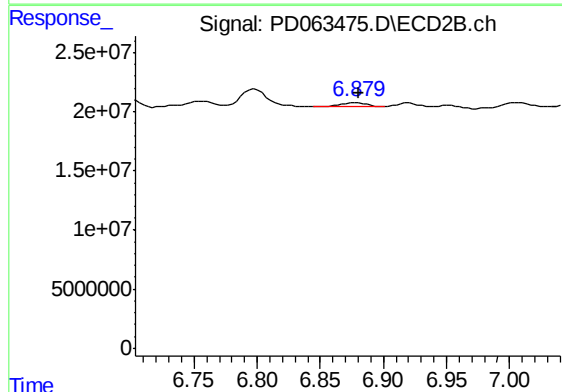
R.T.: 6.668 min
Delta R.T.: -0.003 min
Response: 6044491
Conc: 0.39 ng/ml



#15 Endosulfan II

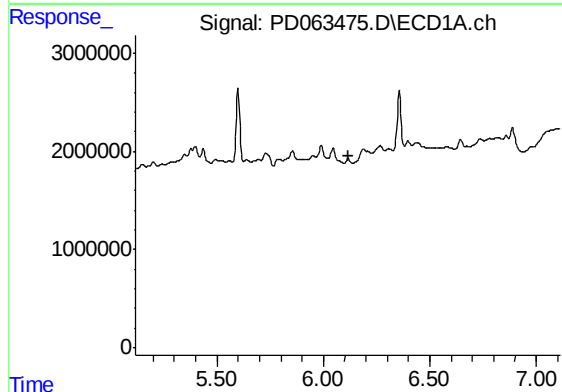
R.T.: 6.267 min
Delta R.T.: 0.004 min
Response: 965846
Conc: 0.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
17



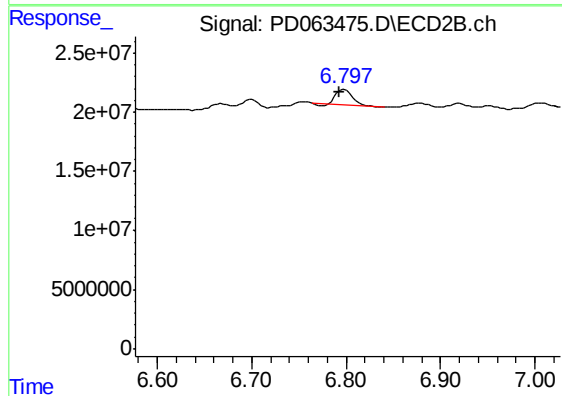
#15 Endosulfan II

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 4617553
Conc: 0.31 ng/ml



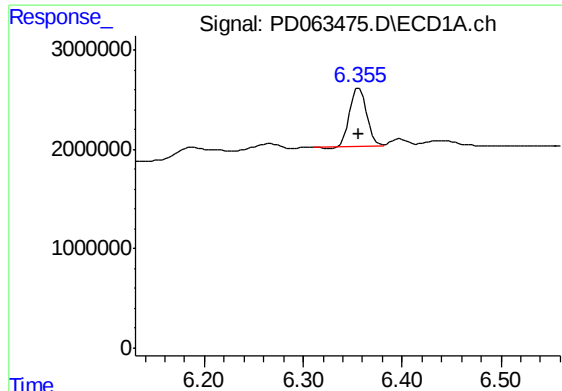
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 6.115 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

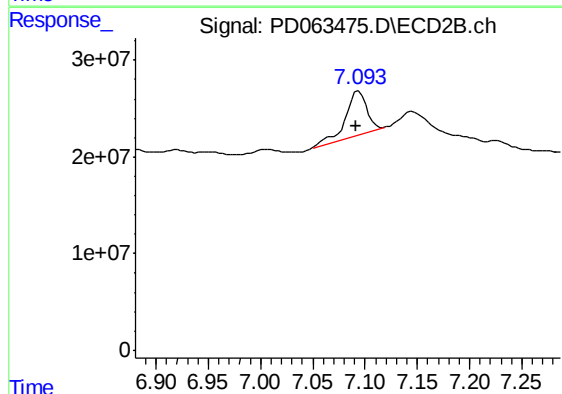
R.T.: 6.798 min
Delta R.T.: 0.005 min
Response: 15274036
Conc: 1.03 ng/ml



#17 4,4'-DDT

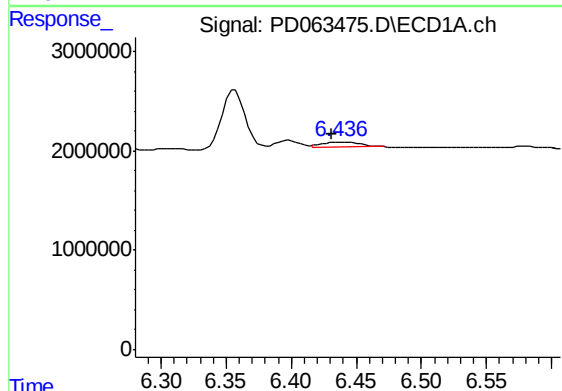
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 6973112
Conc: 4.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
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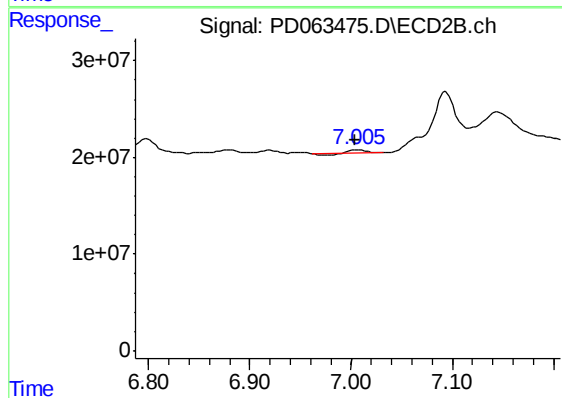
#17 4,4'-DDT

R.T.: 7.094 min
Delta R.T.: 0.002 min
Response: 64882545
Conc: 4.31 ng/ml



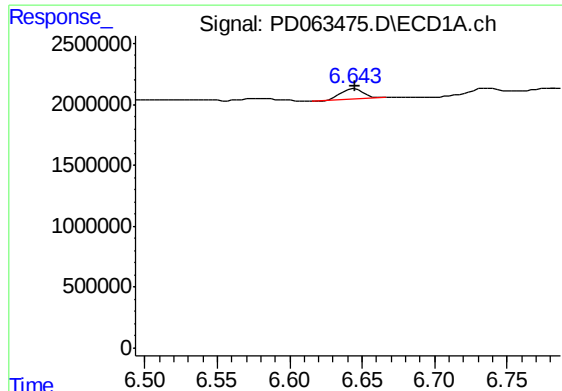
#18 Endrin aldehyde

R.T.: 6.437 min
Delta R.T.: 0.006 min
Response: 996996
Conc: 0.84 ng/ml



#18 Endrin aldehyde

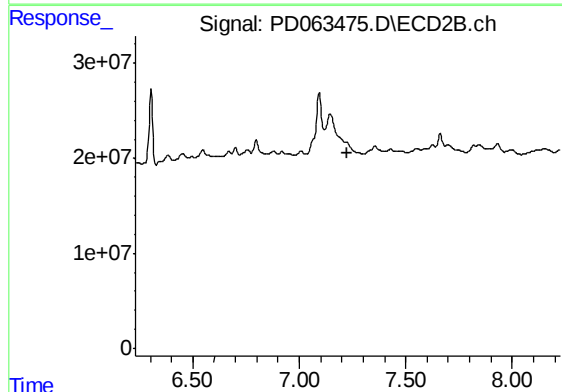
R.T.: 7.006 min
Delta R.T.: 0.002 min
Response: 3060239
Conc: 0.25 ng/ml



#19 Endosulfan Sulfate

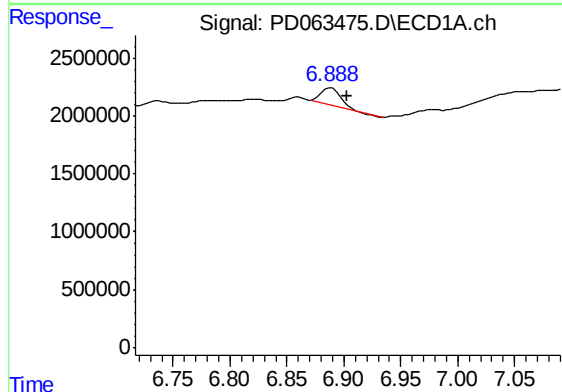
R.T.: 6.644 min
Delta R.T.: 0.000 min
Response: 922516
Conc: 0.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
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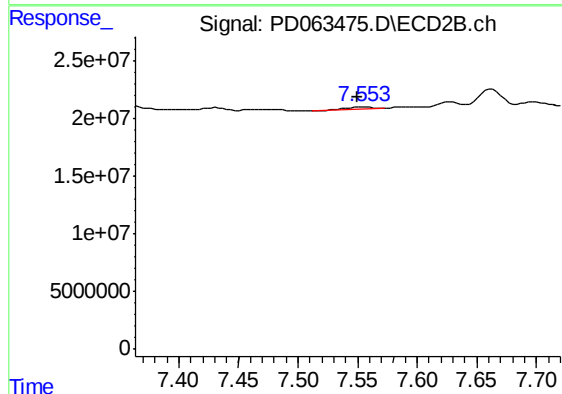
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.227 min
Response: 0
Conc: N.D.



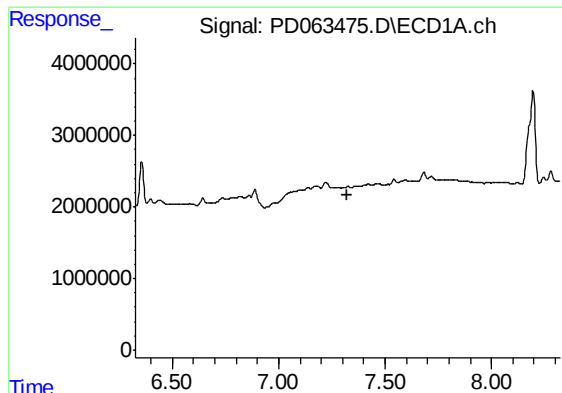
#20 Methoxychlor

R.T.: 6.889 min
Delta R.T.: -0.014 min
Response: 1699517
Conc: 2.13 ng/ml



#20 Methoxychlor

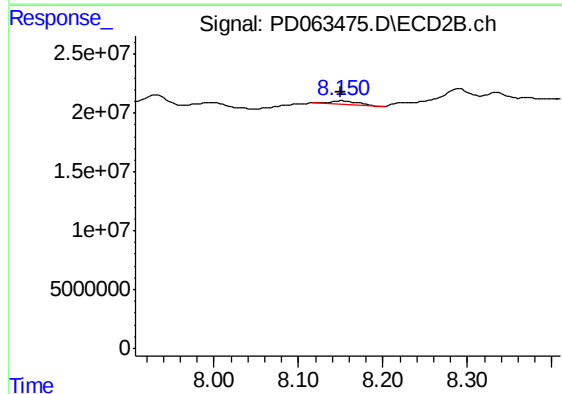
R.T.: 7.554 min
Delta R.T.: 0.004 min
Response: 3219560
Conc: 0.43 ng/ml



#22 Mirex

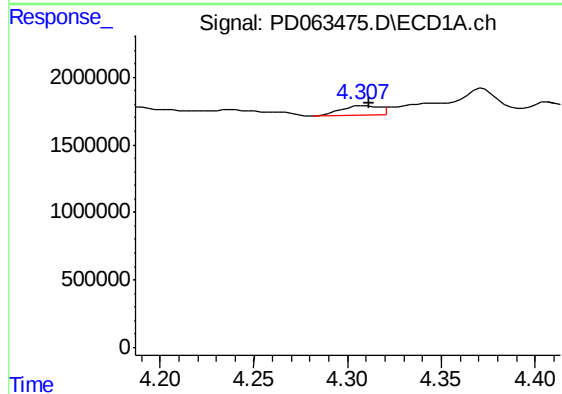
R.T.: 0.000 min
Exp R.T.: 7.325 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
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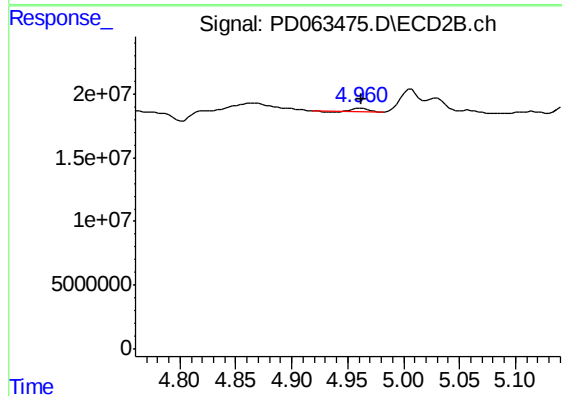
#22 Mirex

R.T.: 8.151 min
Delta R.T.: 0.002 min
Response: 7163779
Conc: 0.72 ng/ml



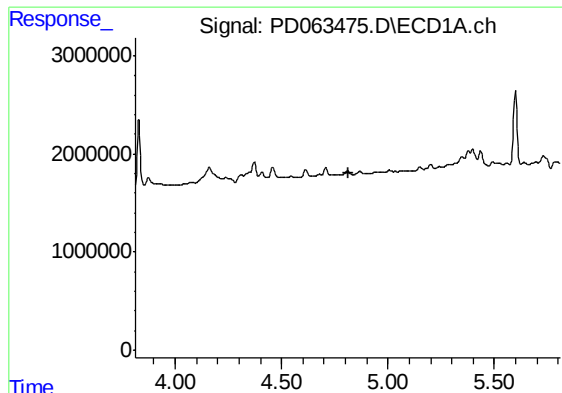
#23 Chlordane-1

R.T.: 4.309 min
Delta R.T.: -0.003 min
Response: 1011208
Conc: 20.83 ng/ml



#23 Chlordane-1

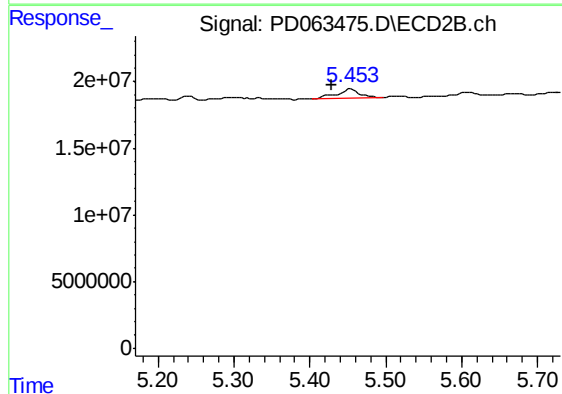
R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 2517239
Conc: 4.35 ng/ml



#24 Chlordane-2

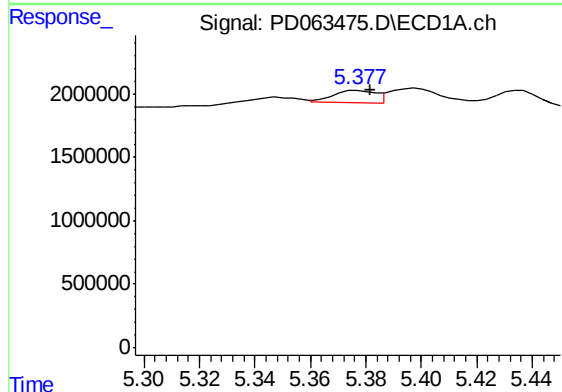
R.T.: 0.000 min
Exp R.T.: 4.813 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
17



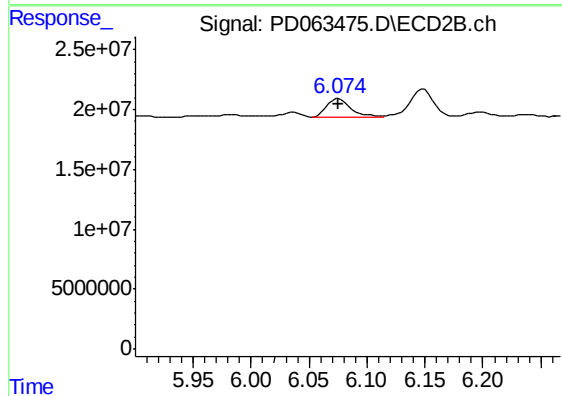
#24 Chlordane-2

R.T.: 5.455 min
Delta R.T.: 0.025 min
Response: 15543321
Conc: 27.78 ng/ml



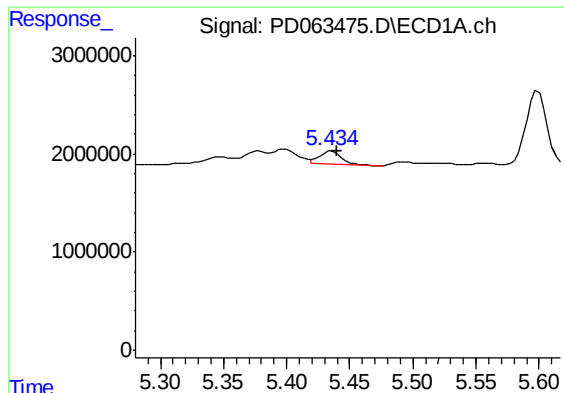
#25 Chlordane-3

R.T.: 5.378 min
Delta R.T.: -0.004 min
Response: 1081626
Conc: 6.36 ng/ml



#25 Chlordane-3

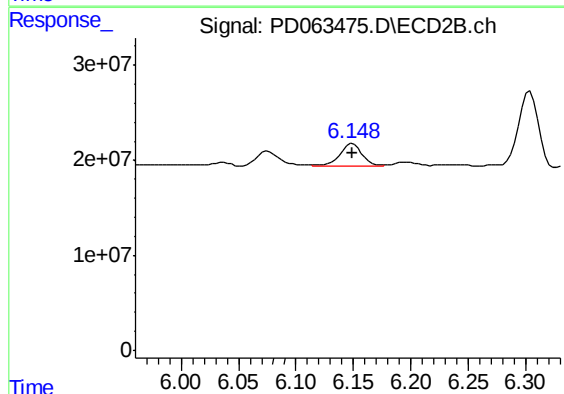
R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 22726036
Conc: 9.20 ng/ml



#26 Chlordane-4

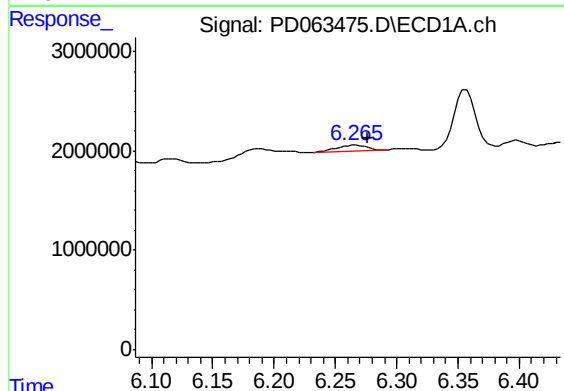
R.T.: 5.436 min
Delta R.T.: -0.004 min
Response: 1664531
Conc: 11.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
17



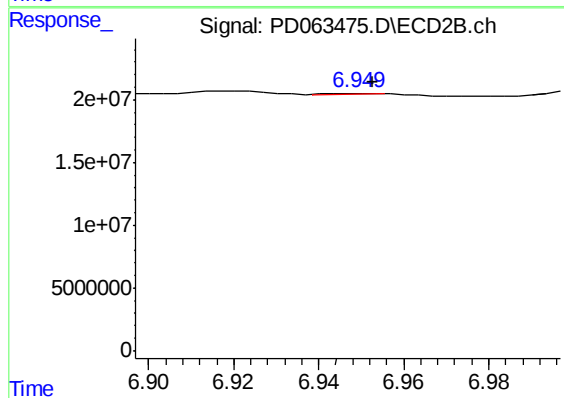
#26 Chlordane-4

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 33274458
Conc: 11.64 ng/ml



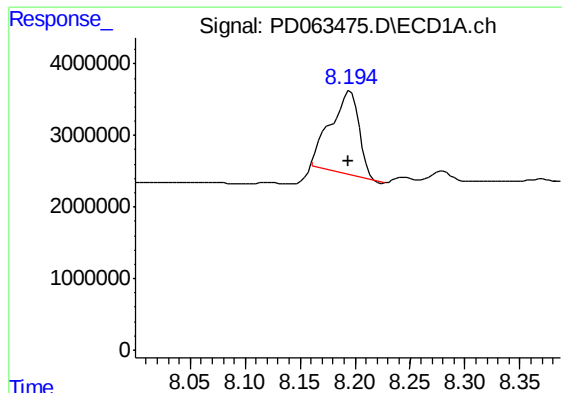
#27 Chlordane-5

R.T.: 6.267 min
Delta R.T.: -0.009 min
Response: 965846
Conc: 17.45 ng/ml



#27 Chlordane-5

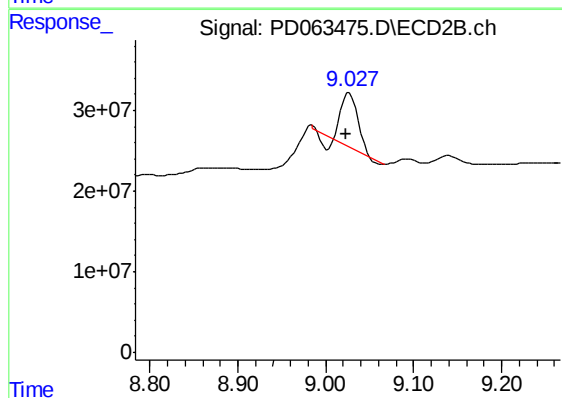
R.T.: 6.950 min
Delta R.T.: -0.002 min
Response: 312182
Conc: 0.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.196 min
Delta R.T.: 0.002 min
Response: 21062037
Conc: 13.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
17



#28 Decachlorobiphenyl

R.T.: 9.027 min
Delta R.T.: 0.003 min
Response: 83125580
Conc: 6.02 ng/ml