

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012622\
 Data File : PD067801.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jan 2022 10:54
 Operator : AR\AJ
 Sample : N1230-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 27 04:04:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD122921CLP.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 28 14:32:50 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 x 0.50µm

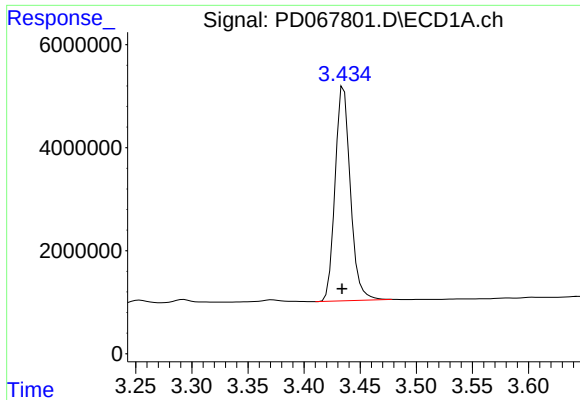
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.436	3.958	39537648	151.8E6	17.451	18.725
27)	SA Decachlor...	8.158	9.013	31463657	167.4E6	32.851	33.126
Target Compounds							
2)	A alpha-BHC	3.823f	4.351	4699098	611177	1.418	<MDL #
3)	MA gamma-BHC...	0.000	4.602f	0	121.1E6	N.D.	12.277
4)	MA Heptachlor	0.000	5.134	0	1249574	N.D.	0.140
6)	B beta-BHC	4.358f	4.776f	1606013	97172	1.195	<MDL #
7)	B delta-BHC	0.000	5.067f	0	565146	N.D.	<MDL
8)	B Heptachlo...	5.133	5.827	11076506	58840697	3.985	7.014 #
9)	A Endosulfan I	5.449	6.170	11510116	13469572	4.349	1.875 #
10)	B trans-Chl...	5.357	6.063	4013376	-2015589	1.422	N.D. #
11)	B cis-Chlor...	5.413	6.135	8208339	13511214	2.995	1.833 #
12)	B 4,4'-DDE	5.586	6.289	1478299	1418068	0.589	0.210 #
13)	MA Dieldrin	5.711	6.444	94491929	250.5E6	33.525	33.308
14)	MA Endrin	5.972	6.685	5236101	7699969	2.350	1.380 #
15)	B Endosulfa...	6.248	6.874	2216116	3405468	1.024	0.539 #
16)	A 4,4'-DDD	0.000	6.811	0	1671436	N.D.	0.284
17)	MA 4,4'-DDT	6.339	7.077	10584258	8245169	5.140	1.419 #
18)	B Endrin al...	6.339f	7.012	10584258	1399386	6.795	0.296 #
19)	B Endosulfa...	6.572f	7.220	1411478	7722722	0.777	1.324 #
20)	A Methoxychlor	6.815f	7.580	4948123	7923983	5.610	2.874 #
21)	B Endrin ke...	7.112	7.697	4213845	16555080	2.215	2.500
22)	Toxaphene-1	5.711	6.360	94491929	324636	5508.009	9.728 #
23)	Toxaphene-2	6.184	6.596	11342207	10920337	685.199	282.874 #
24)	Toxaphene-3	6.248	7.077	2216116	8245169	58.339	83.071 #
25)	Toxaphene-4	6.572	7.220	1411478	7722722	37.772	79.772 #
26)	Toxaphene-5	7.043	7.630	2441015	10345256	67.131	135.670 #

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

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 x 0.50µm

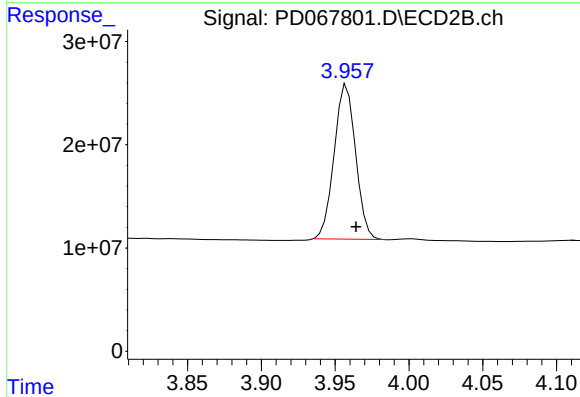




#1 Tetrachloro-m-xylene

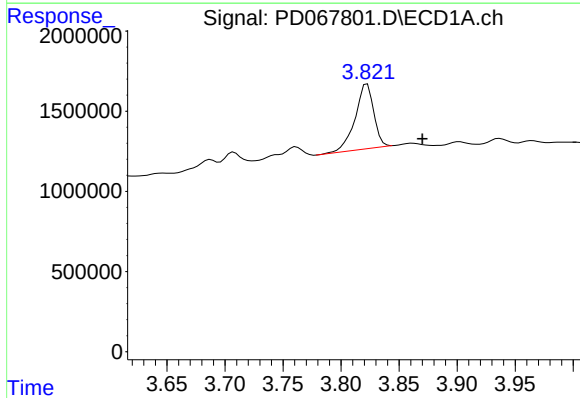
R.T.: 3.436 min
Delta R.T.: 0.002 min
Response: 39537648
Conc: 17.45 ng/ml

Instrument :
ECD_D
ClientSampleId :



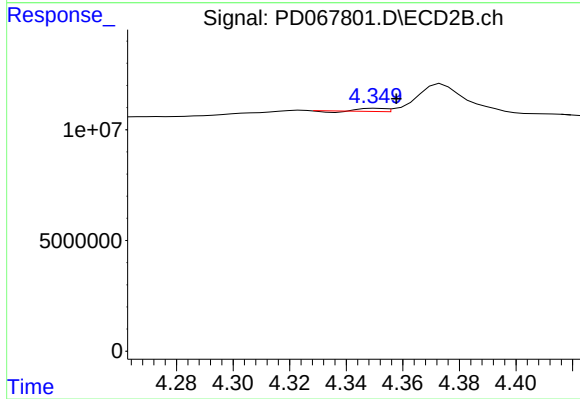
#1 Tetrachloro-m-xylene

R.T.: 3.958 min
Delta R.T.: -0.006 min
Response: 151763887
Conc: 18.73 ng/ml



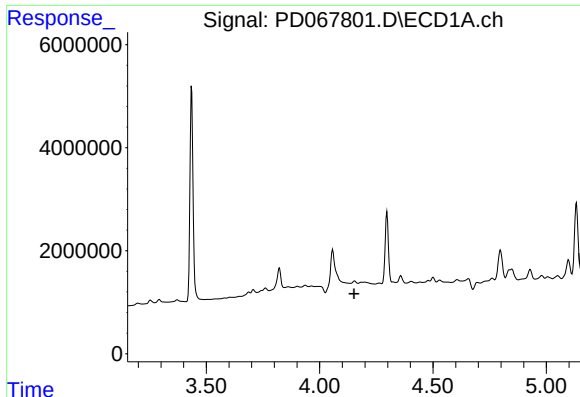
#2 alpha-BHC

R.T.: 3.823 min
Delta R.T.: -0.047 min
Response: 4699098
Conc: 1.42 ng/ml



#2 alpha-BHC

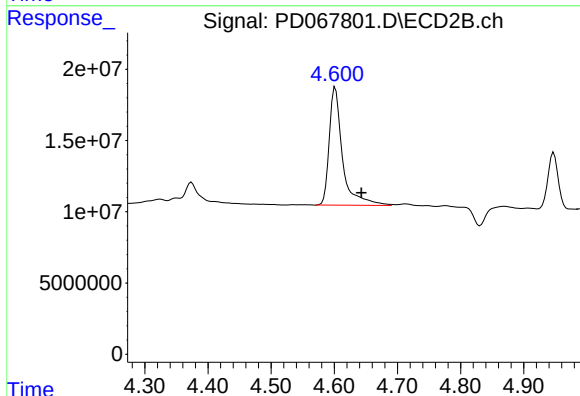
R.T.: 4.351 min
Delta R.T.: -0.007 min
Response: 611177
Conc: N.D.



#3 gamma-BHC (Lindane)

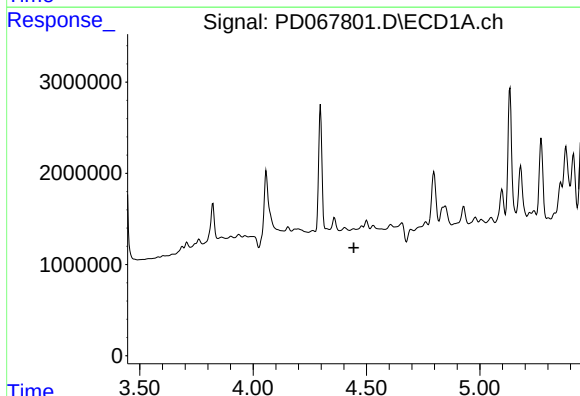
R.T.: 0.000 min
Exp R.T.: 4.151 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



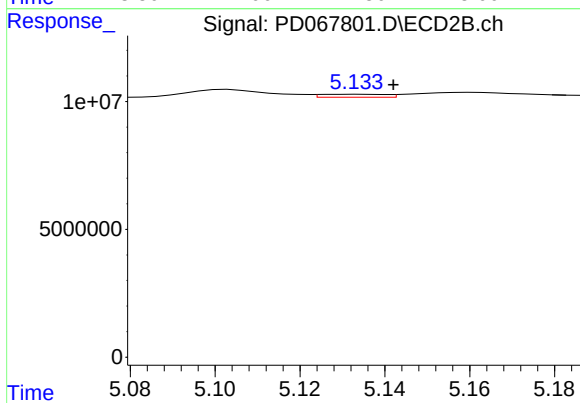
#3 gamma-BHC (Lindane)

R.T.: 4.602 min
Delta R.T.: -0.041 min
Response: 121133922
Conc: 12.28 ng/ml



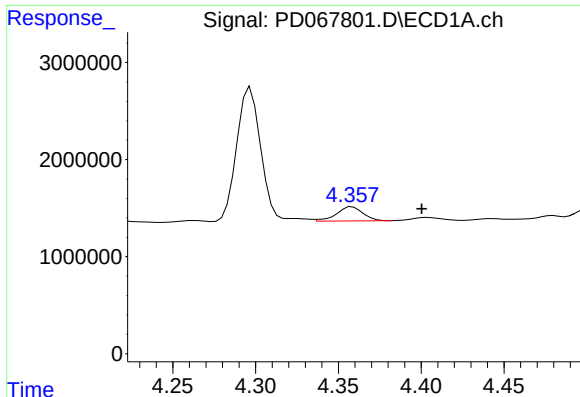
#4 Heptachlor

R.T.: 0.000 min
Exp R.T.: 4.444 min
Response: 0
Conc: N.D.



#4 Heptachlor

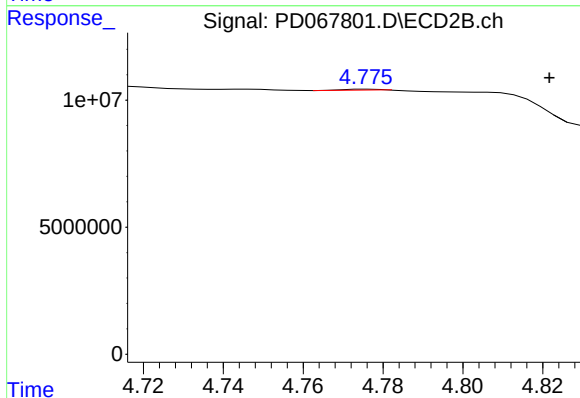
R.T.: 5.134 min
Delta R.T.: -0.008 min
Response: 1249574
Conc: 0.14 ng/ml



#6 beta-BHC

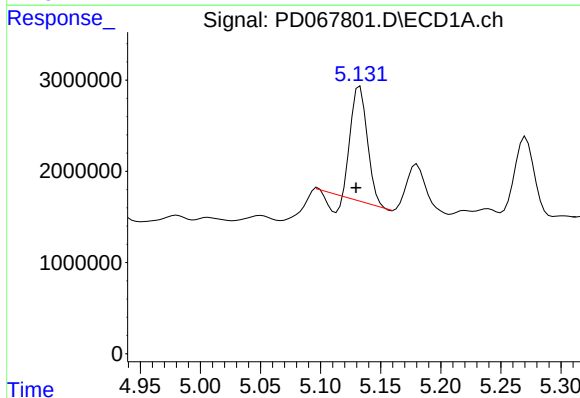
R.T.: 4.358 min
Delta R.T.: -0.042 min
Response: 1606013
Conc: 1.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



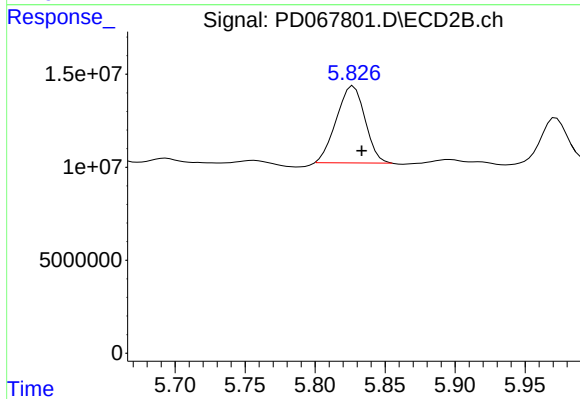
#6 beta-BHC

R.T.: 4.776 min
Delta R.T.: -0.045 min
Response: 97172
Conc: N.D.



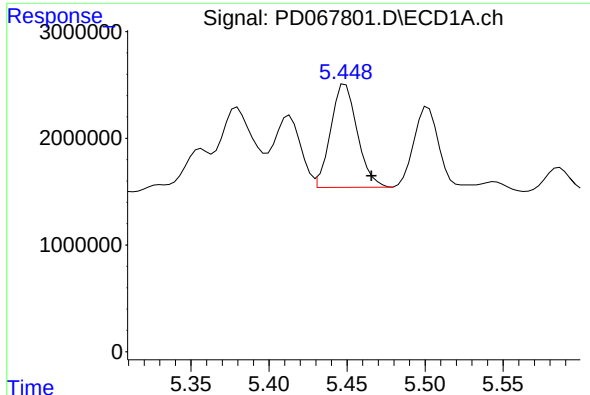
#8 Heptachlor epoxide

R.T.: 5.133 min
Delta R.T.: 0.003 min
Response: 11076506
Conc: 3.98 ng/ml



#8 Heptachlor epoxide

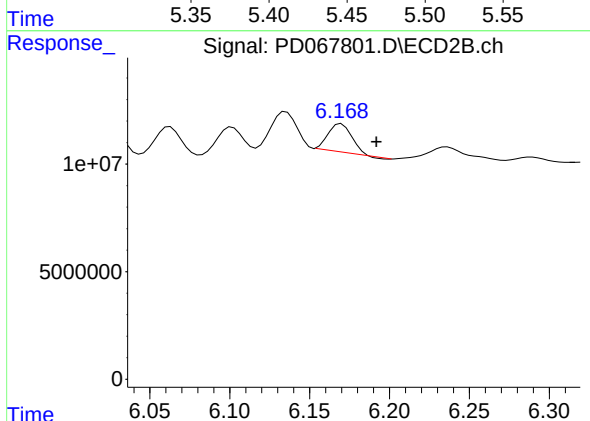
R.T.: 5.827 min
Delta R.T.: -0.006 min
Response: 58840697
Conc: 7.01 ng/ml



#9 Endosulfan I

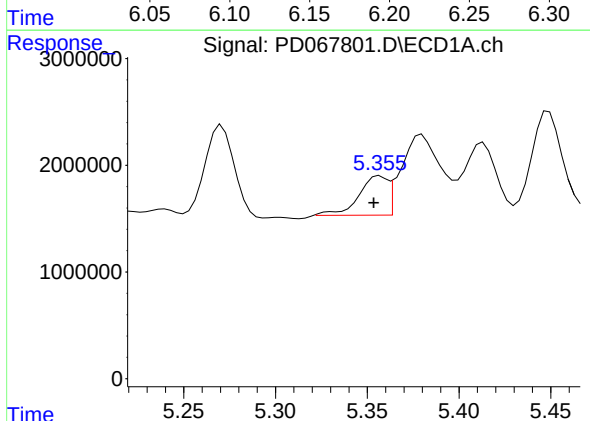
R.T.: 5.449 min
Delta R.T.: -0.017 min
Response: 11510116
Conc: 4.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



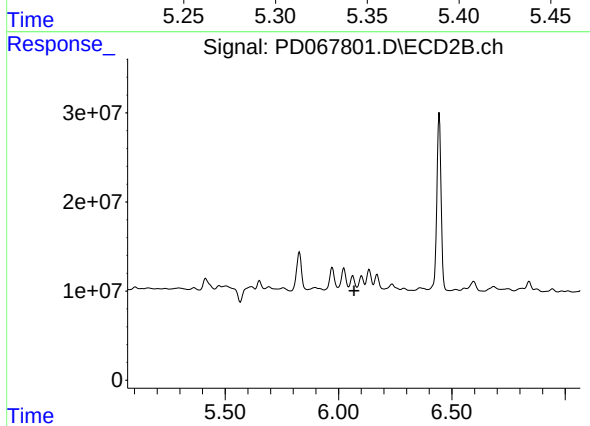
#9 Endosulfan I

R.T.: 6.170 min
Delta R.T.: -0.022 min
Response: 13469572
Conc: 1.87 ng/ml



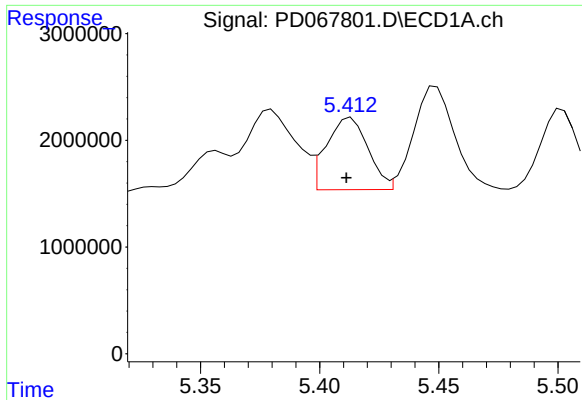
#10 trans-Chlordane

R.T.: 5.357 min
Delta R.T.: 0.003 min
Response: 4013376
Conc: 1.42 ng/ml



#10 trans-Chlordane

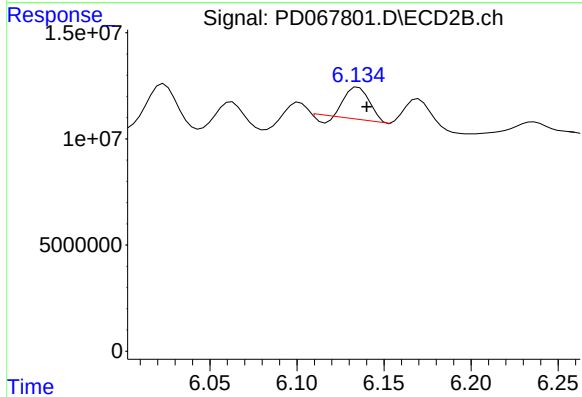
R.T.: 6.063 min
Delta R.T.: -0.006 min
Response: -2015589
Conc: N.D.



#11 cis-Chlordane

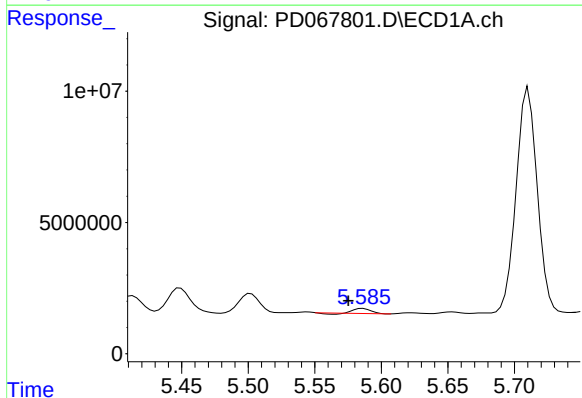
R.T.: 5.413 min
Delta R.T.: 0.002 min
Response: 8208339
Conc: 2.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



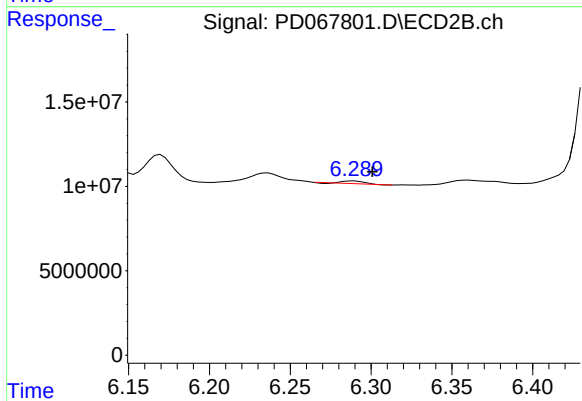
#11 cis-Chlordane

R.T.: 6.135 min
Delta R.T.: -0.005 min
Response: 13511214
Conc: 1.83 ng/ml



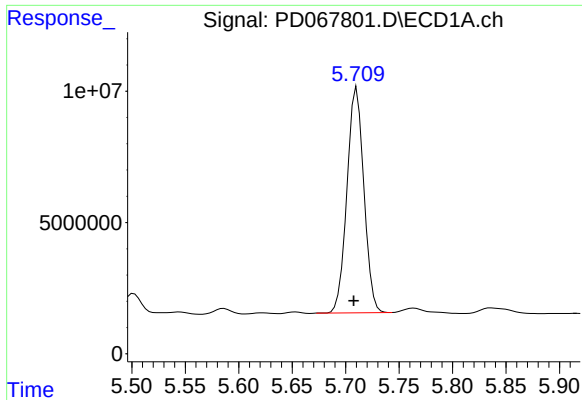
#12 4,4'-DDE

R.T.: 5.586 min
Delta R.T.: 0.011 min
Response: 1478299
Conc: 0.59 ng/ml



#12 4,4'-DDE

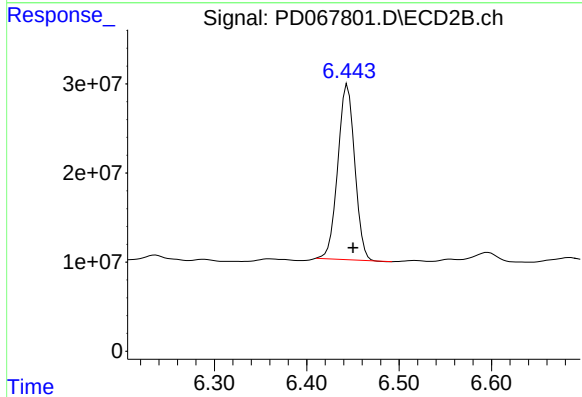
R.T.: 6.289 min
Delta R.T.: -0.012 min
Response: 1418068
Conc: 0.21 ng/ml



#13 Dieldrin

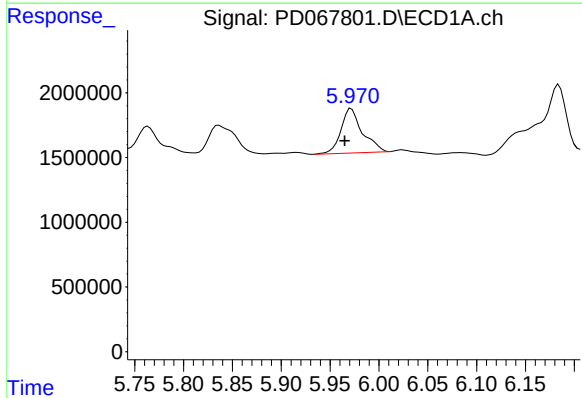
R.T.: 5.711 min
Delta R.T.: 0.003 min
Response: 94491929
Conc: 33.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



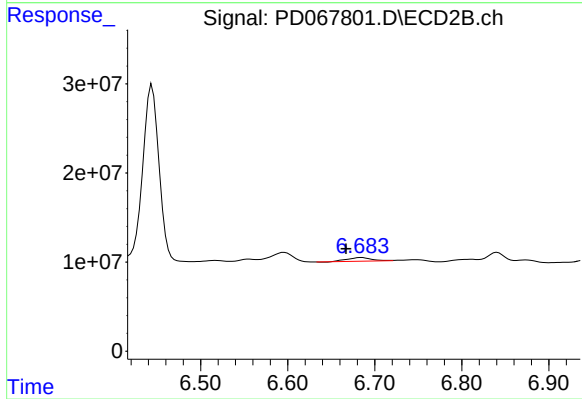
#13 Dieldrin

R.T.: 6.444 min
Delta R.T.: -0.006 min
Response: 250459763
Conc: 33.31 ng/ml



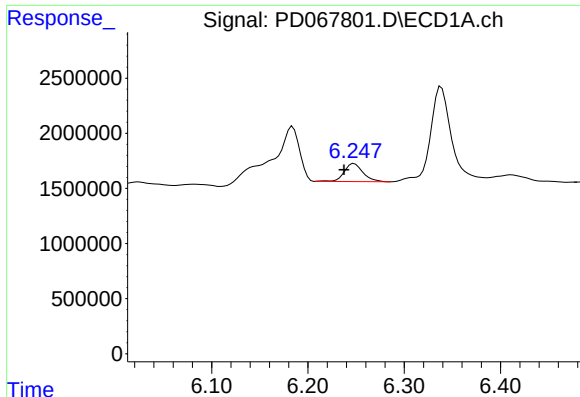
#14 Endrin

R.T.: 5.972 min
Delta R.T.: 0.007 min
Response: 5236101
Conc: 2.35 ng/ml



#14 Endrin

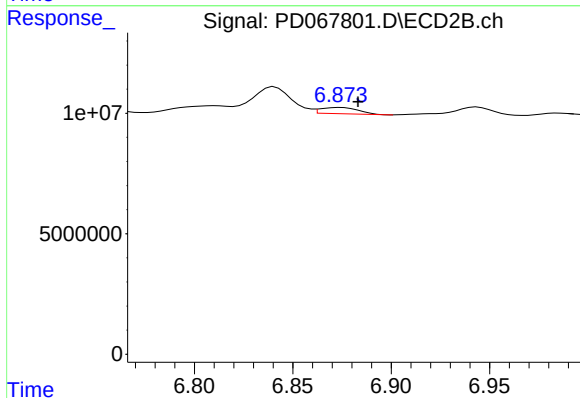
R.T.: 6.685 min
Delta R.T.: 0.018 min
Response: 7699969
Conc: 1.38 ng/ml



#15 Endosulfan II

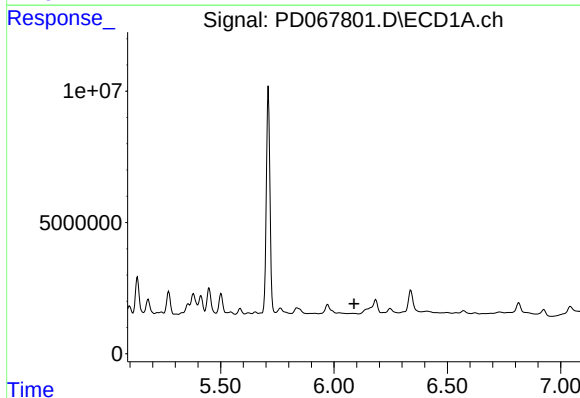
R.T.: 6.248 min
Delta R.T.: 0.011 min
Response: 2216116
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



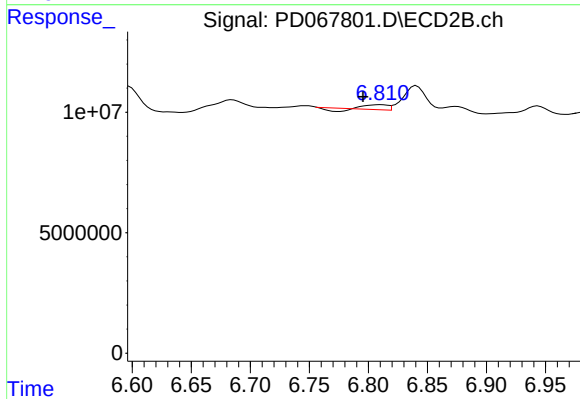
#15 Endosulfan II

R.T.: 6.874 min
Delta R.T.: -0.009 min
Response: 3405468
Conc: 0.54 ng/ml



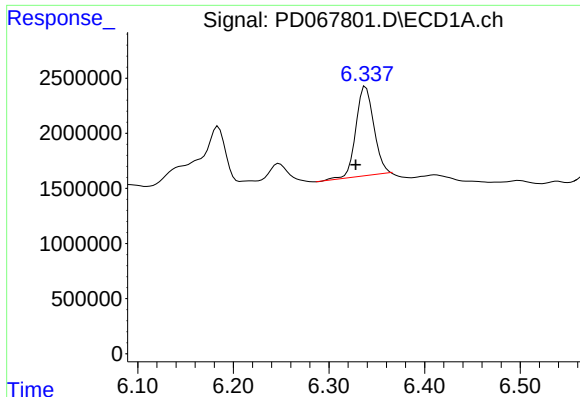
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 6.089 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

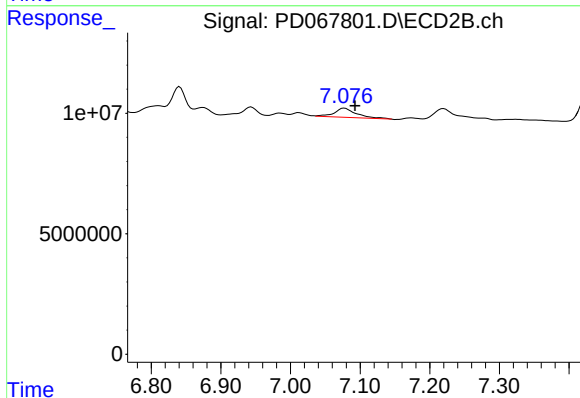
R.T.: 6.811 min
Delta R.T.: 0.015 min
Response: 1671436
Conc: 0.28 ng/ml



#17 4,4'-DDT

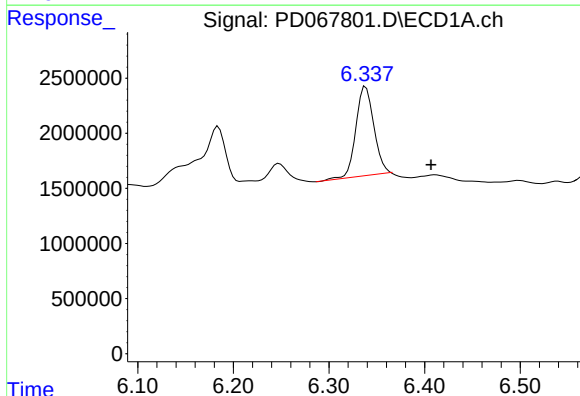
R.T.: 6.339 min
Delta R.T.: 0.010 min
Response: 10584258
Conc: 5.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



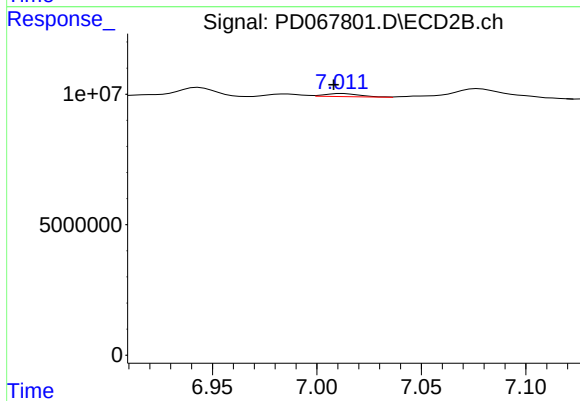
#17 4,4'-DDT

R.T.: 7.077 min
Delta R.T.: -0.015 min
Response: 8245169
Conc: 1.42 ng/ml



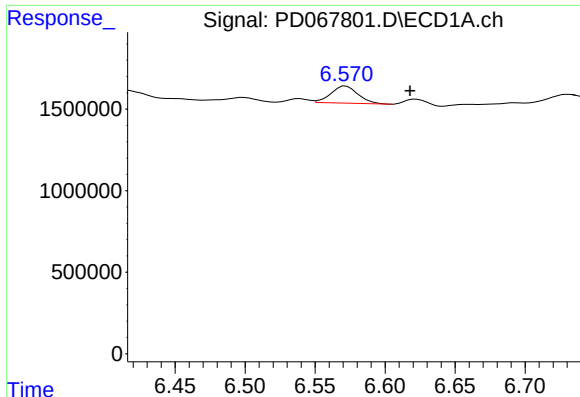
#18 Endrin aldehyde

R.T.: 6.339 min
Delta R.T.: -0.068 min
Response: 10584258
Conc: 6.80 ng/ml



#18 Endrin aldehyde

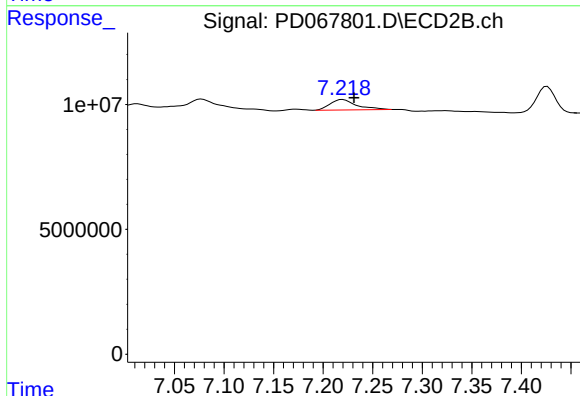
R.T.: 7.012 min
Delta R.T.: 0.004 min
Response: 1399386
Conc: 0.30 ng/ml



#19 Endosulfan Sulfate

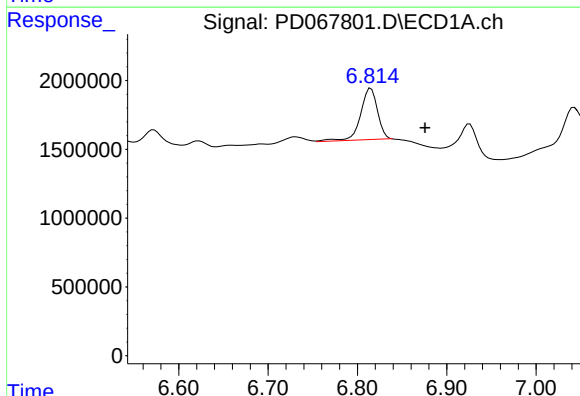
R.T.: 6.572 min
Delta R.T.: -0.046 min
Response: 1411478
Conc: 0.78 ng/ml

Instrument :
ECD_D
ClientSampleId :



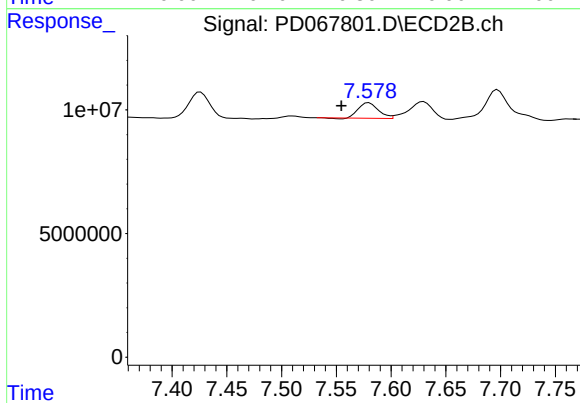
#19 Endosulfan Sulfate

R.T.: 7.220 min
Delta R.T.: -0.012 min
Response: 7722722
Conc: 1.32 ng/ml



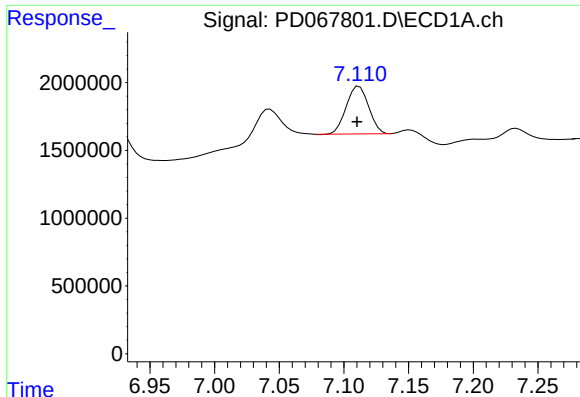
#20 Methoxychlor

R.T.: 6.815 min
Delta R.T.: -0.061 min
Response: 4948123
Conc: 5.61 ng/ml



#20 Methoxychlor

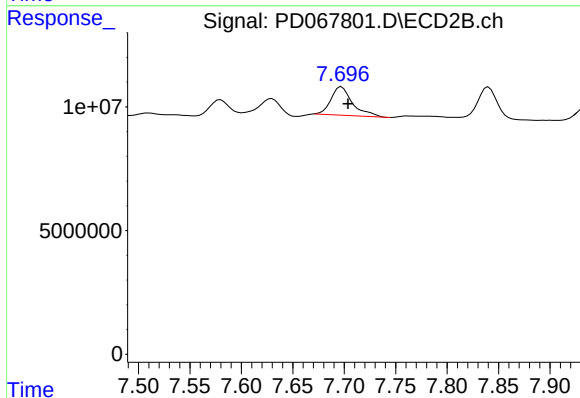
R.T.: 7.580 min
Delta R.T.: 0.025 min
Response: 7923983
Conc: 2.87 ng/ml



#21 Endrin ketone

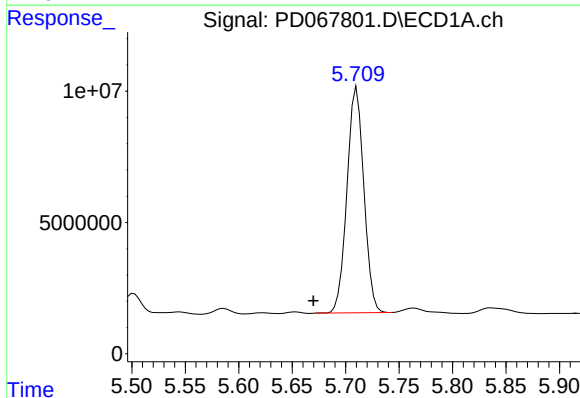
R.T.: 7.112 min
Delta R.T.: 0.002 min
Response: 4213845
Conc: 2.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



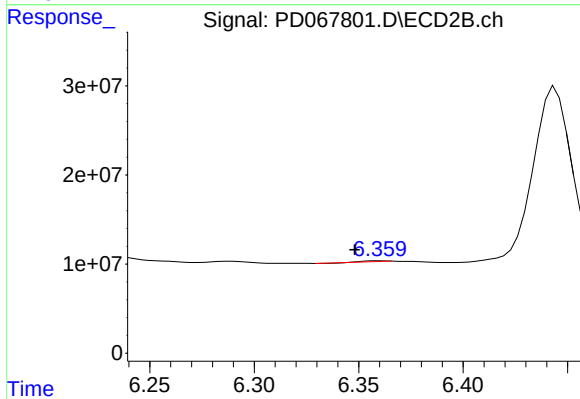
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: -0.006 min
Response: 16555080
Conc: 2.50 ng/ml



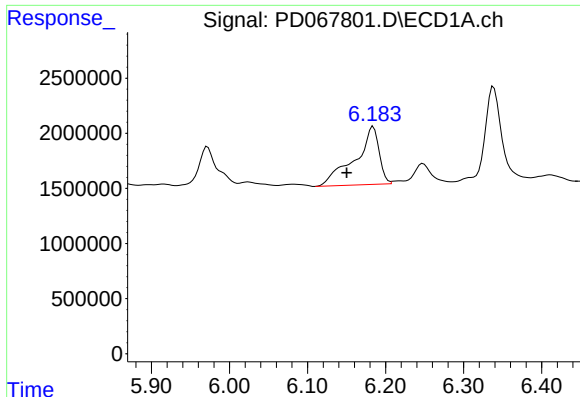
#22 Toxaphene-1

R.T.: 5.711 min
Delta R.T.: 0.041 min
Response: 94491929
Conc: 5508.01 ng/ml



#22 Toxaphene-1

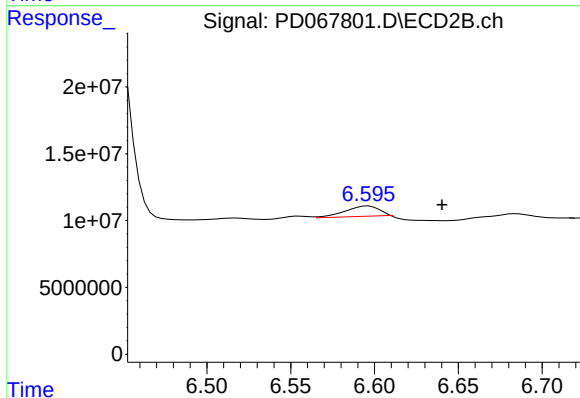
R.T.: 6.360 min
Delta R.T.: 0.012 min
Response: 324636
Conc: 9.73 ng/ml



#23 Toxaphene-2

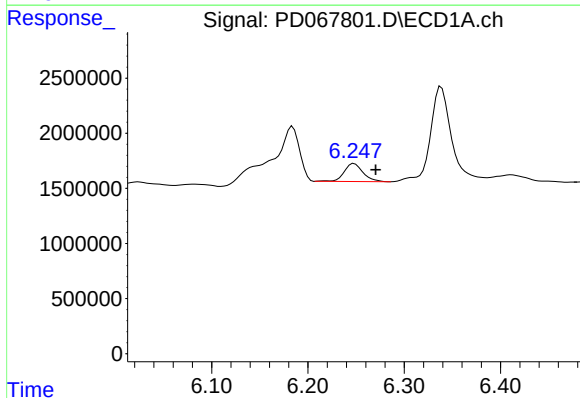
R.T.: 6.184 min
Delta R.T.: 0.034 min
Response: 11342207
Conc: 685.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



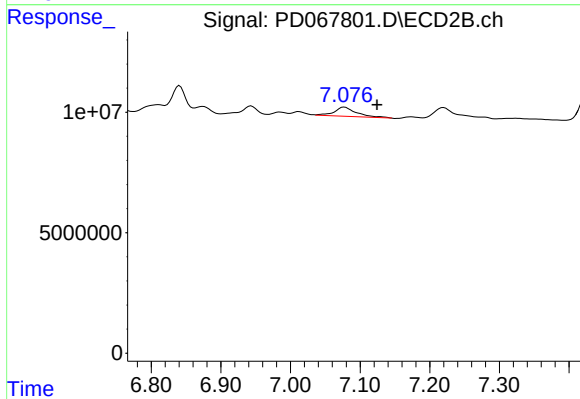
#23 Toxaphene-2

R.T.: 6.596 min
Delta R.T.: -0.044 min
Response: 10920337
Conc: 282.87 ng/ml



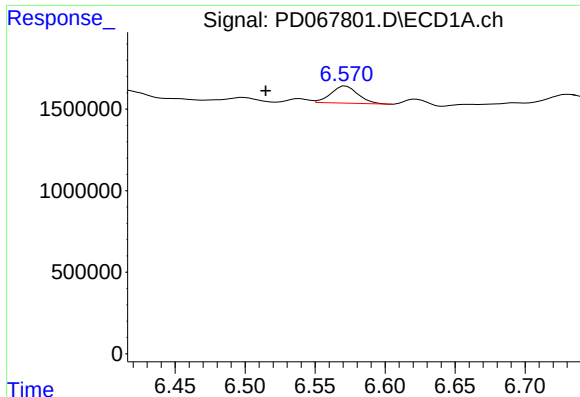
#24 Toxaphene-3

R.T.: 6.248 min
Delta R.T.: -0.022 min
Response: 2216116
Conc: 58.34 ng/ml



#24 Toxaphene-3

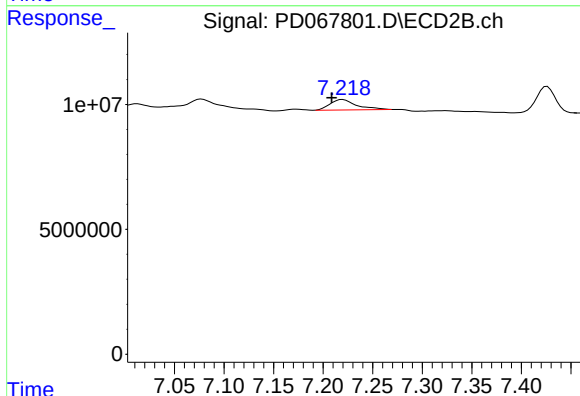
R.T.: 7.077 min
Delta R.T.: -0.047 min
Response: 8245169
Conc: 83.07 ng/ml



#25 Toxaphene-4

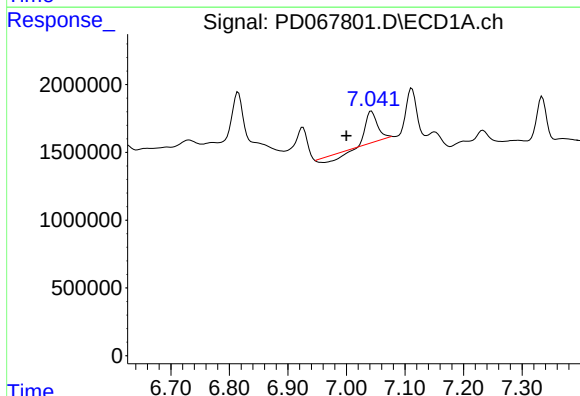
R.T.: 6.572 min
Delta R.T.: 0.057 min
Response: 1411478
Conc: 37.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



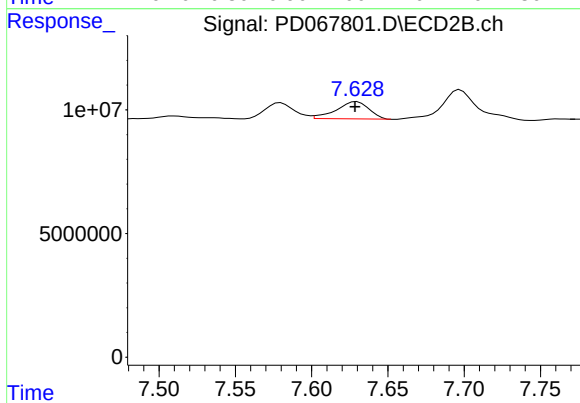
#25 Toxaphene-4

R.T.: 7.220 min
Delta R.T.: 0.011 min
Response: 7722722
Conc: 79.77 ng/ml



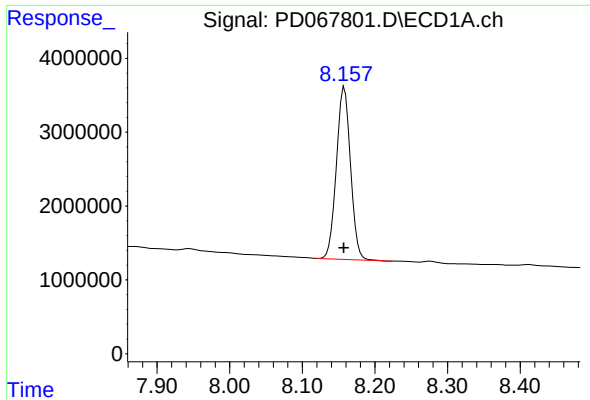
#26 Toxaphene-5

R.T.: 7.043 min
Delta R.T.: 0.043 min
Response: 2441015
Conc: 67.13 ng/ml



#26 Toxaphene-5

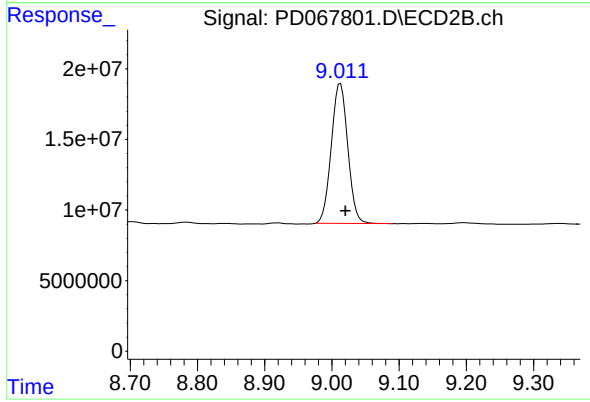
R.T.: 7.630 min
Delta R.T.: 0.001 min
Response: 10345256
Conc: 135.67 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.158 min
Delta R.T.: 0.000 min
Response: 31463657
Conc: 32.85 ng/ml

Instrument :
ECD_D
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.013 min
Delta R.T.: -0.008 min
Response: 167385588
Conc: 33.13 ng/ml