

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032825\
 Data File : PD0880025.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2025 11:23
 Operator : AR\AJ
 Sample : TOXAPHENE362
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 13:57:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032125CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 21 12:36:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.559	2.883	42274465	322.3E6	21.436	20.965
27)	SA Decachlor...	9.085	8.080	109.1E6	550.7E6	32.559	31.014
Target Compounds							
2)	A alpha-BHC	4.008	3.397	4687952	32463519	1.141	1.339
3)	MA gamma-BHC...	4.340	3.732	983663	31997396	0.247	1.438 #
4)	MA Heptachlor	4.973f	4.113f	950653	3748206	0.232	0.164 #
5)	MB Aldrin	5.256	4.406f	776524	31372829	0.207	1.471 #
6)	B beta-BHC	0.000	3.995f	0	14546975	N.D.	1.482
7)	B delta-BHC	4.761	0.000	403063	0	0.102	N.D. #
8)	B Heptachlo...	5.707	4.876	2306273	19935919	0.662	1.013 #
9)	A Endosulfan I	6.100	5.218f	1593610	34412534	0.476	1.983 #
10)	B trans-Chl...	5.983	5.152	204725	214.2E6	<MDL	10.384 #
11)	B cis-Chlor...	6.015	5.218	2239040	34412534	0.654	1.729 #
12)	B 4,4'-DDE	6.177	5.370	6546227	47680399	2.010	2.483
14)	MA Endrin	6.595	5.810	4527584	16566220	1.477	0.913 #
15)	B Endosulfa...	6.817	6.086	14241629	180.2E6	4.722	10.509 #
16)	A 4,4'-DDD	6.690	5.917	13121892	38344766	5.092	2.347 #
17)	MA 4,4'-DDT	7.066f	6.201	195.2E6	121.8E6	72.266	7.271 #
18)	B Endrin al...	6.938	6.278	14938296	65520389	6.498	4.923
19)	B Endosulfa...	7.158	6.496	152.6E6	51229220	54.323	3.057 #
20)	A Methoxychlor	7.463f	6.763	19245538	720.1E6	12.917	96.651 #
21)	B Endrin ke...	7.625	7.013	114.6E6	-100348431	37.666	N.D. #
22)	Toxaphene-1	6.251	5.152	14538756	214.2E6	620.892	1953.921 #
23)	Toxaphene-2	6.451	6.124	64432553	225.6E6	1974.321	1888.849
24)	Toxaphene-3	7.066	6.763	195.2E6	720.1E6	2146.667	1866.155
25)	Toxaphene-4	7.158	7.205	152.6E6	636.1E6	2291.501	2375.555
26)	Toxaphene-5	7.939	7.336	103.6E6	459.4E6	2146.783	2303.249

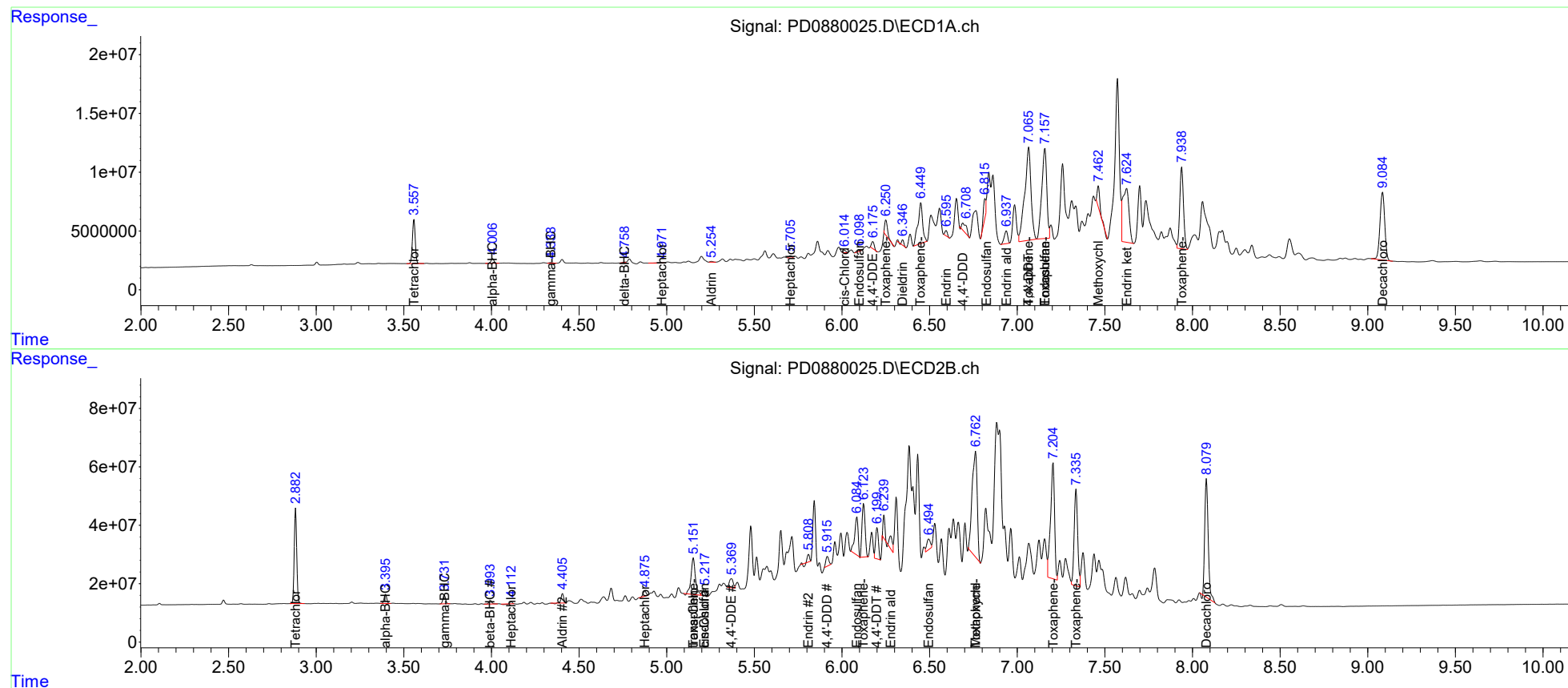
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

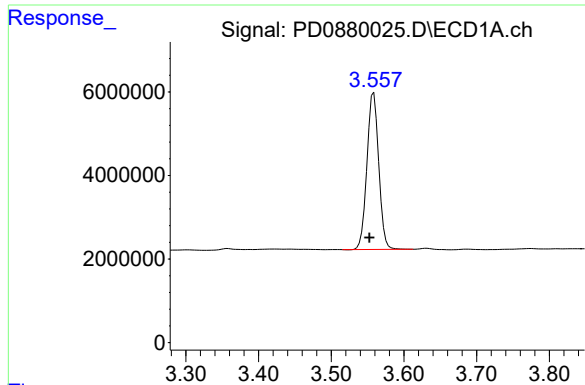
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032825\
Data File : PD0880025.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Mar 2025 11:23
Operator : AR\AJ
Sample : TOXAPHENE362
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 13:57:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032125CLP.M
Quant Title : GC Extractables
QLast Update : Fri Mar 21 12:36:13 2025
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Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

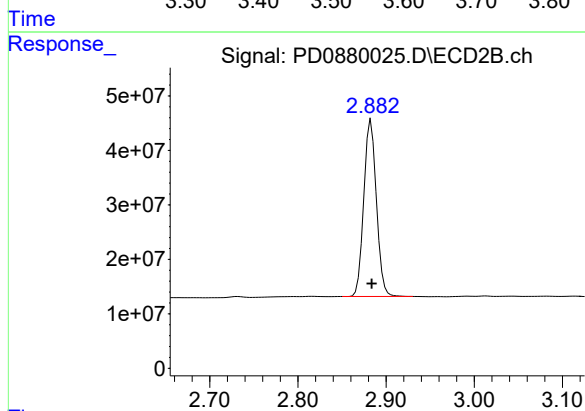




#1 Tetrachloro-m-xylene

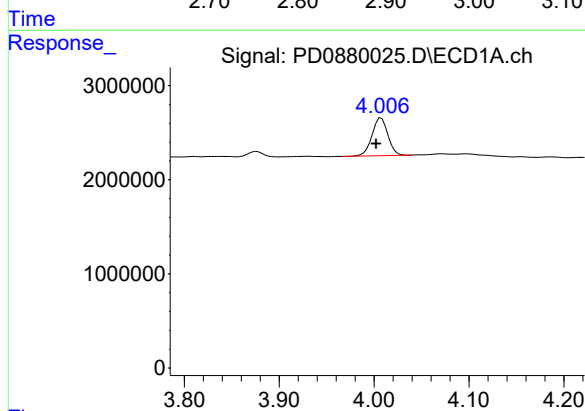
R.T.: 3.559 min
Delta R.T.: 0.006 min
Response: 42274465
Conc: 21.44 ng/ml

Instrument :
ECD_D
ClientSampleId :



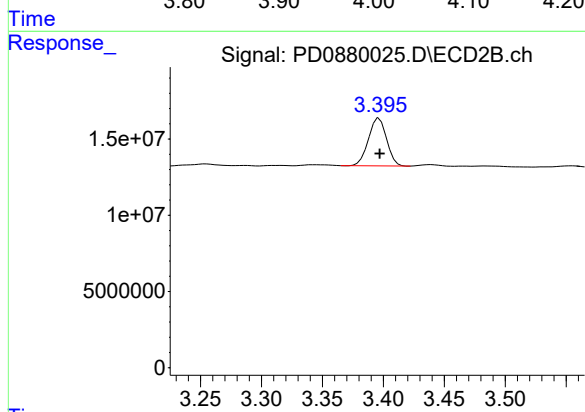
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 322253984
Conc: 20.96 ng/ml



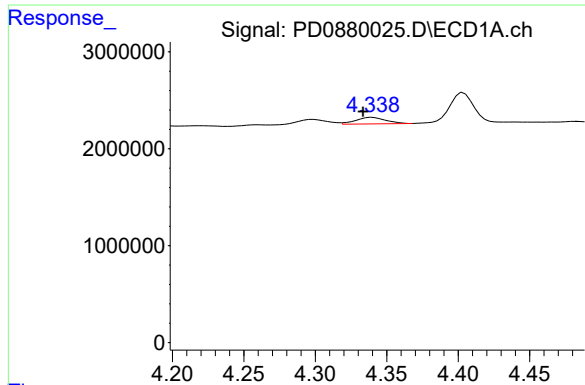
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.005 min
Response: 4687952
Conc: 1.14 ng/ml



#2 alpha-BHC

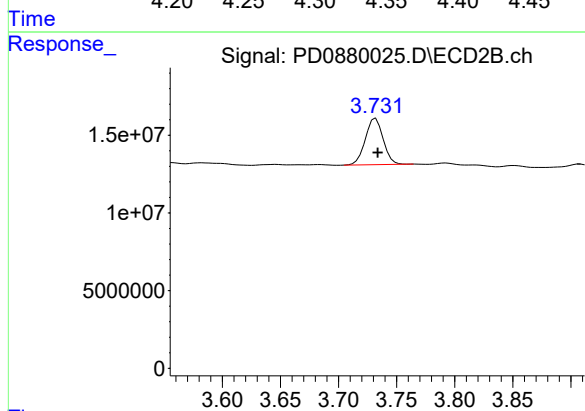
R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 32463519
Conc: 1.34 ng/ml



#3 gamma-BHC (Lindane)

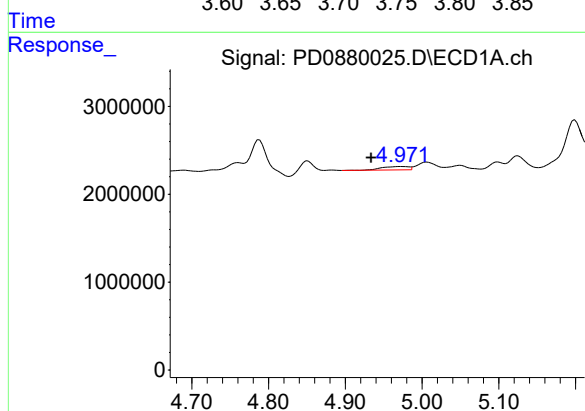
R.T.: 4.340 min
Delta R.T.: 0.006 min
Response: 983663
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



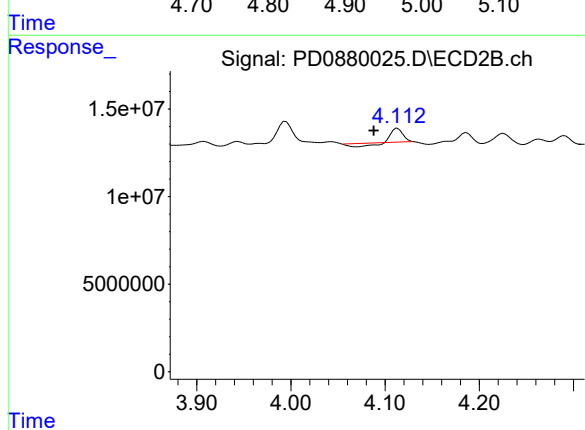
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: -0.002 min
Response: 31997396
Conc: 1.44 ng/ml



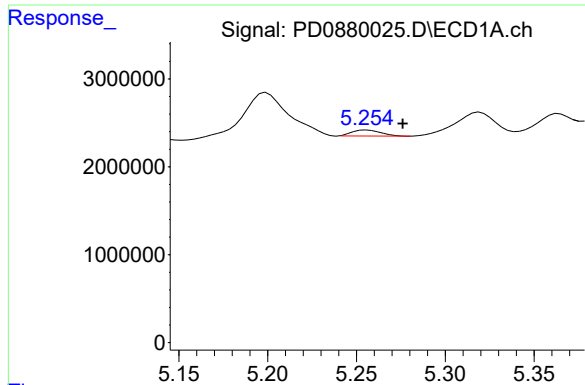
#4 Heptachlor

R.T.: 4.973 min
Delta R.T.: 0.039 min
Response: 950653
Conc: 0.23 ng/ml



#4 Heptachlor

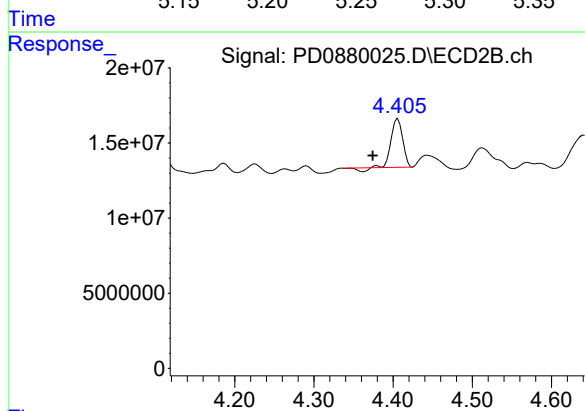
R.T.: 4.113 min
Delta R.T.: 0.025 min
Response: 3748206
Conc: 0.16 ng/ml



#5 Aldrin

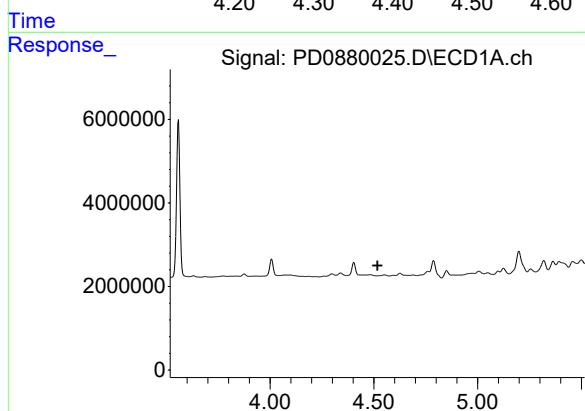
R.T.: 5.256 min
Delta R.T.: -0.020 min
Response: 776524
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



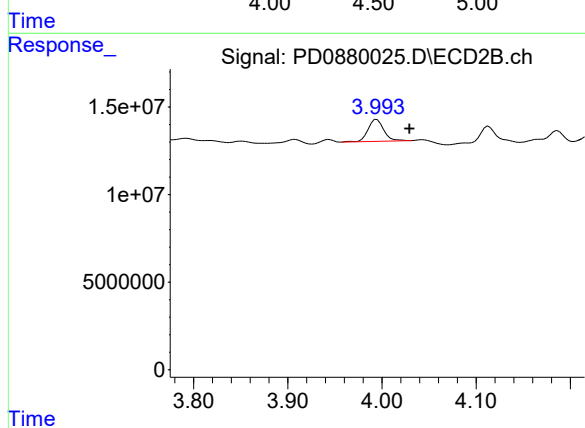
#5 Aldrin

R.T.: 4.406 min
Delta R.T.: 0.032 min
Response: 31372829
Conc: 1.47 ng/ml



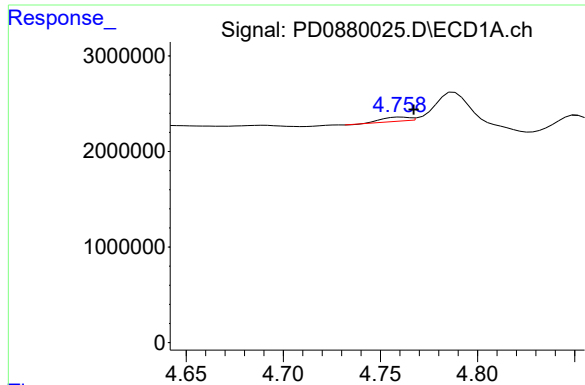
#6 beta-BHC

R.T.: 0.000 min
Exp R.T.: 4.518 min
Response: 0
Conc: N.D.



#6 beta-BHC

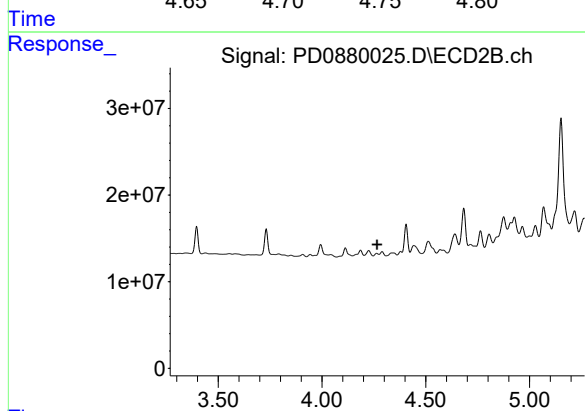
R.T.: 3.995 min
Delta R.T.: -0.035 min
Response: 14546975
Conc: 1.48 ng/ml



#7 delta-BHC

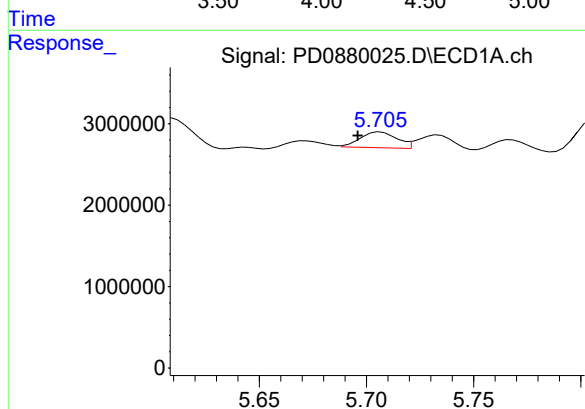
R.T.: 4.761 min
Delta R.T.: -0.006 min
Response: 403063
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



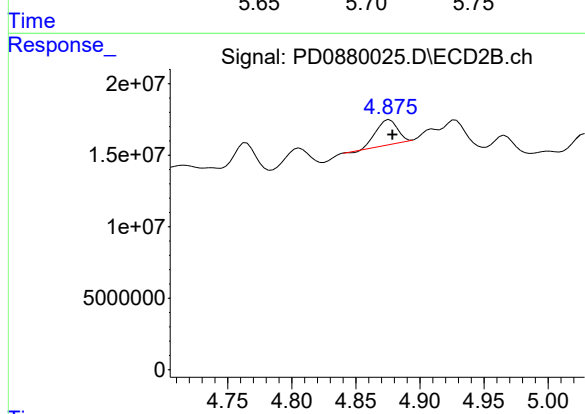
#7 delta-BHC

R.T.: 0.000 min
Exp R.T.: 4.267 min
Response: 0
Conc: N.D.



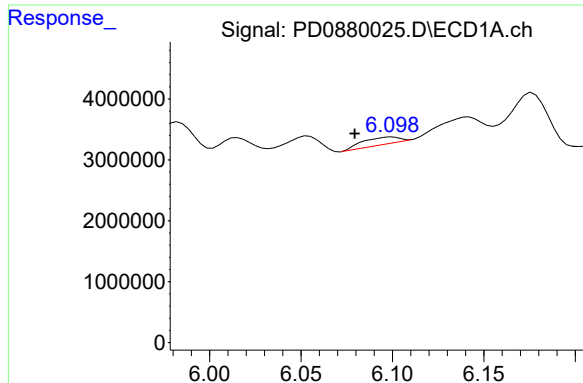
#8 Heptachlor epoxide

R.T.: 5.707 min
Delta R.T.: 0.010 min
Response: 2306273
Conc: 0.66 ng/ml



#8 Heptachlor epoxide

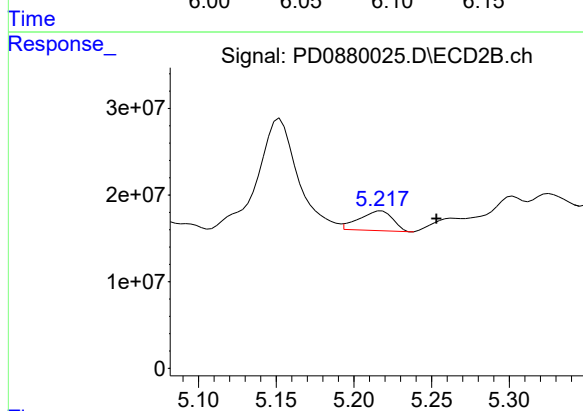
R.T.: 4.876 min
Delta R.T.: -0.002 min
Response: 19935919
Conc: 1.01 ng/ml



#9 Endosulfan I

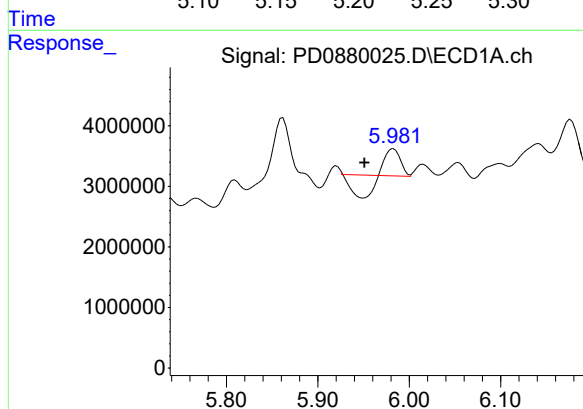
R.T.: 6.100 min
Delta R.T.: 0.020 min
Response: 1593610
Conc: 0.48 ng/ml

Instrument :
ECD_D
ClientSampleId :



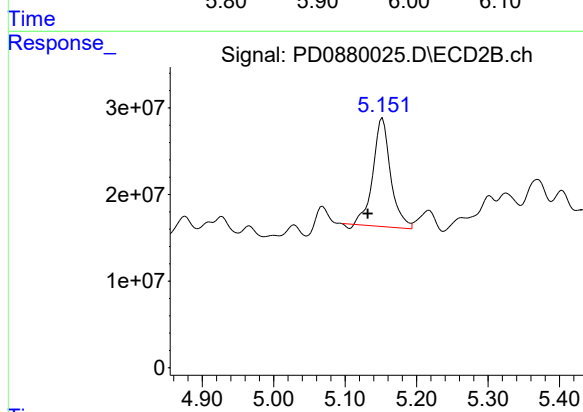
#9 Endosulfan I

R.T.: 5.218 min
Delta R.T.: -0.036 min
Response: 34412534
Conc: 1.98 ng/ml



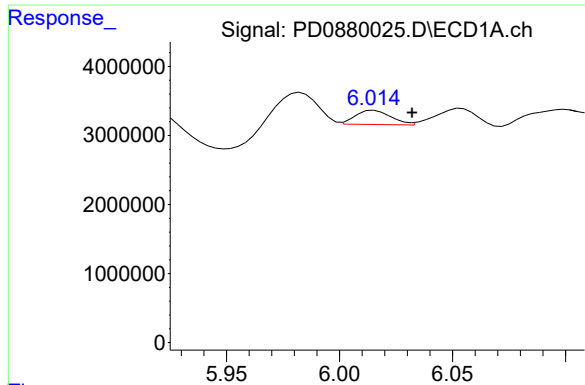
#10 trans-Chlordane

R.T.: 5.983 min
Delta R.T.: 0.032 min
Response: 204725
Conc: N.D.



#10 trans-Chlordane

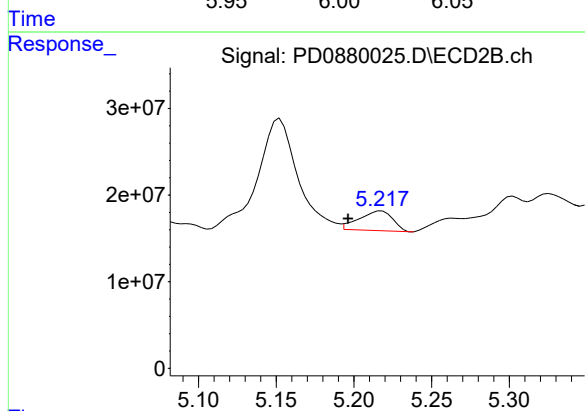
R.T.: 5.152 min
Delta R.T.: 0.020 min
Response: 214232572
Conc: 10.38 ng/ml



#11 cis-Chlordane

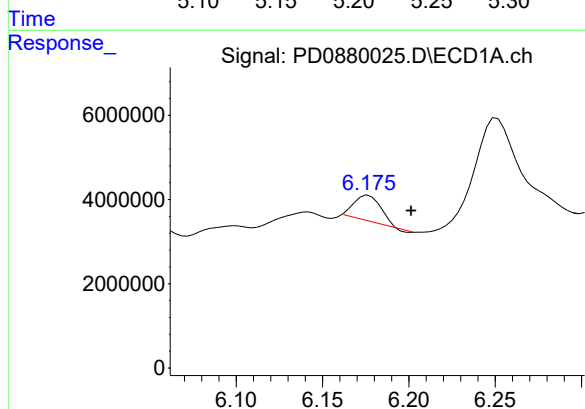
R.T.: 6.015 min
Delta R.T.: -0.017 min
Response: 2239040
Conc: 0.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



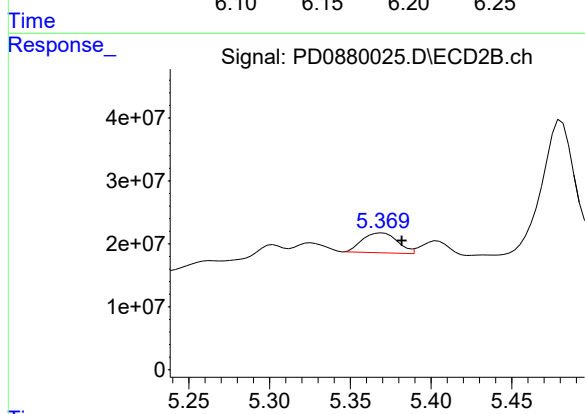
#11 cis-Chlordane

R.T.: 5.218 min
Delta R.T.: 0.021 min
Response: 34412534
Conc: 1.73 ng/ml



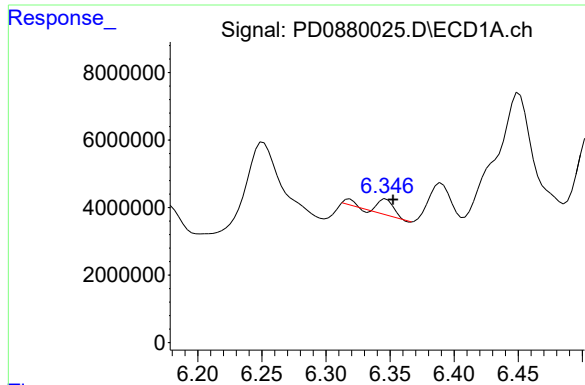
#12 4,4'-DDE

R.T.: 6.177 min
Delta R.T.: -0.025 min
Response: 6546227
Conc: 2.01 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: -0.012 min
Response: 47680399
Conc: 2.48 ng/ml



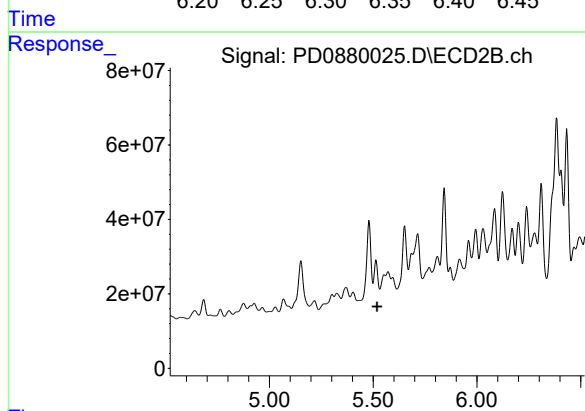
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.006 min
Response: 4391509
Conc: 1.20 ng/ml

Instrument :

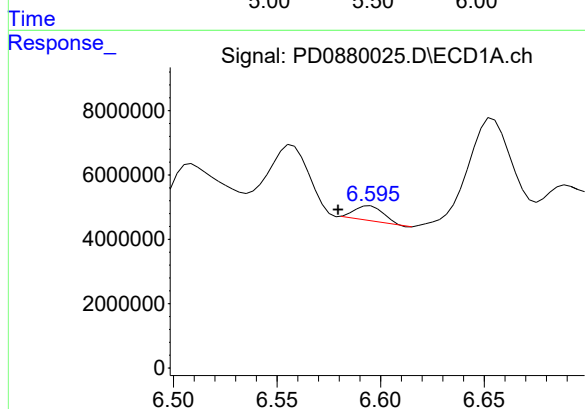
ECD_D

ClientSampleId :



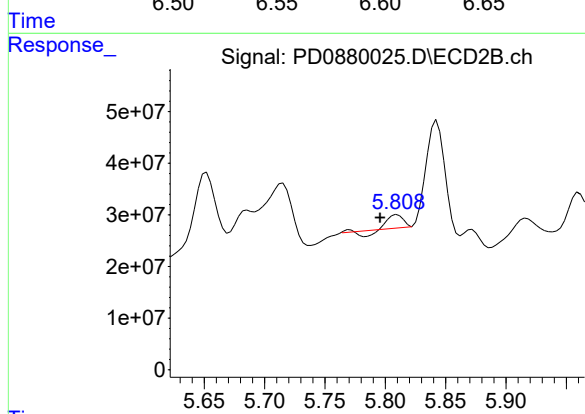
#13 Dieldrin

R.T.: 5.514 min
Delta R.T.: -0.005 min
Response: -95398905
Conc: N.D.



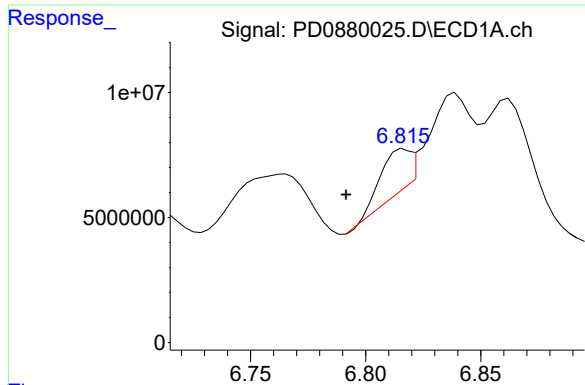
#14 Endrin

R.T.: 6.595 min
Delta R.T.: 0.016 min
Response: 4527584
Conc: 1.48 ng/ml



#14 Endrin

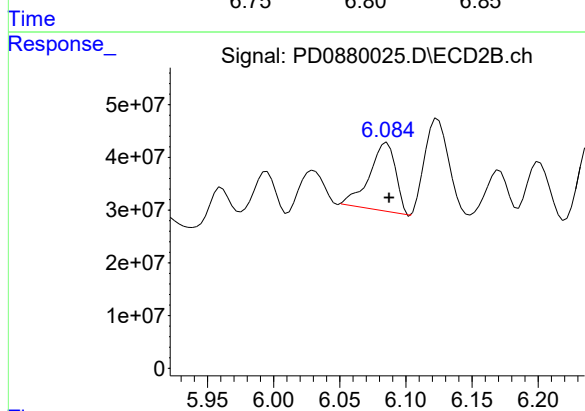
R.T.: 5.810 min
Delta R.T.: 0.014 min
Response: 16566220
Conc: 0.91 ng/ml



#15 Endosulfan II

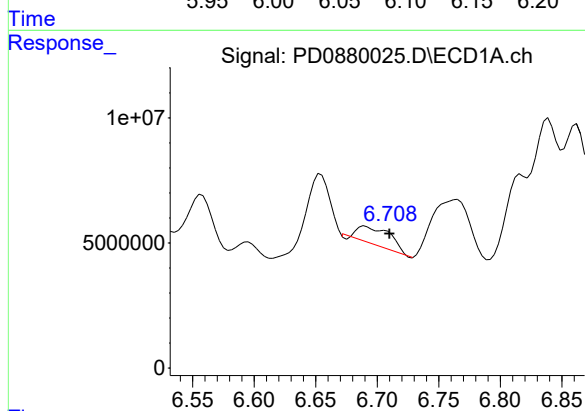
R.T.: 6.817 min
Delta R.T.: 0.025 min
Response: 14241629
Conc: 4.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



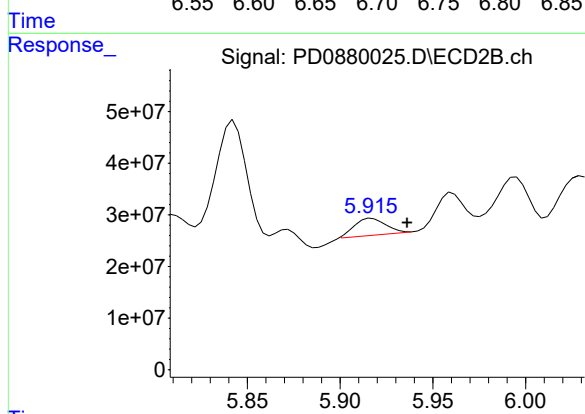
#15 Endosulfan II

R.T.: 6.086 min
Delta R.T.: -0.002 min
Response: 180242493
Conc: 10.51 ng/ml



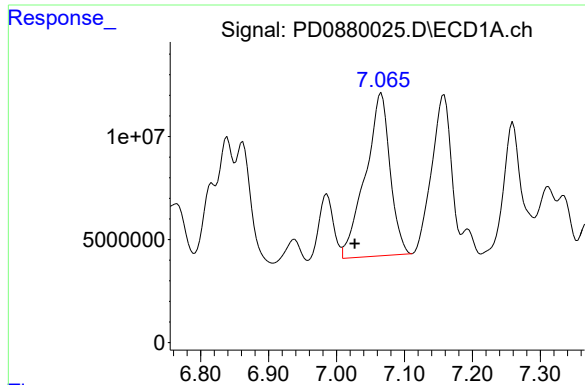
#16 4,4'-DDD

R.T.: 6.690 min
Delta R.T.: -0.020 min
Response: 13121892
Conc: 5.09 ng/ml



#16 4,4'-DDD

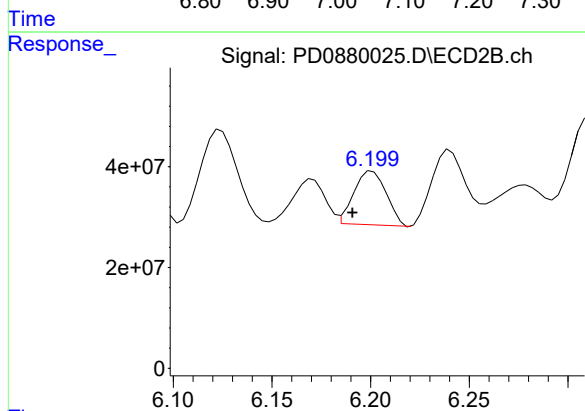
R.T.: 5.917 min
Delta R.T.: -0.019 min
Response: 38344766
Conc: 2.35 ng/ml



#17 4,4'-DDT

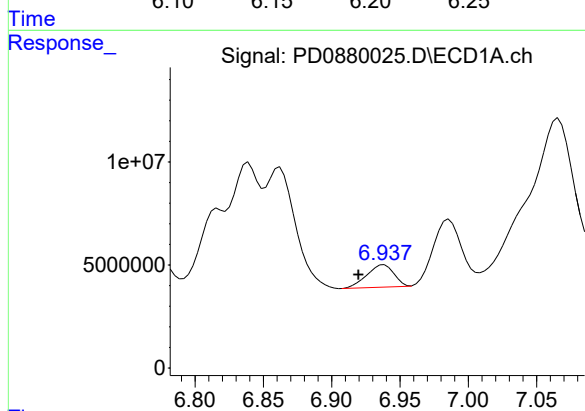
R.T.: 7.066 min
Delta R.T.: 0.039 min
Response: 195229751
Conc: 72.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



#17 4,4'-DDT

R.T.: 6.201 min
Delta R.T.: 0.010 min
Response: 121794739
Conc: 7.27 ng/ml

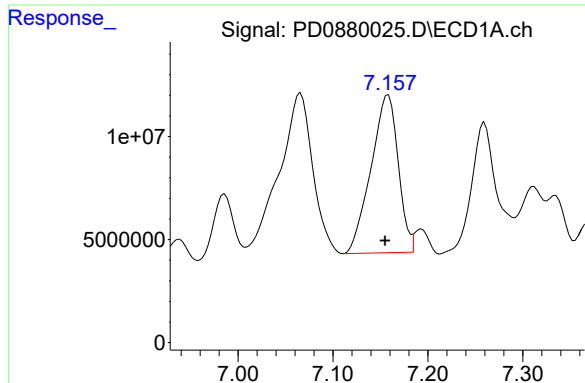


#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: 0.018 min
Response: 14938296
Conc: 6.50 ng/ml

#18 Endrin aldehyde

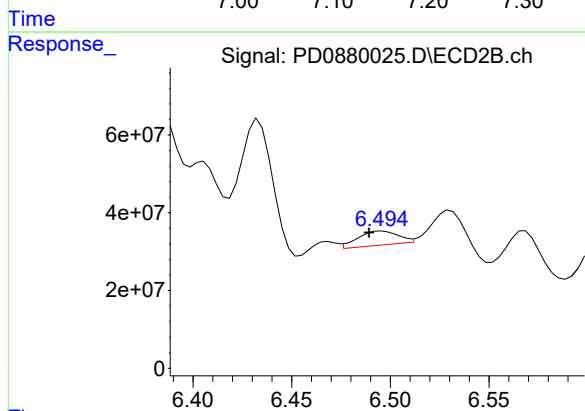
R.T.: 6.278 min
Delta R.T.: 0.013 min
Response: 65520389
Conc: 4.92 ng/ml



#19 Endosulfan Sulfate

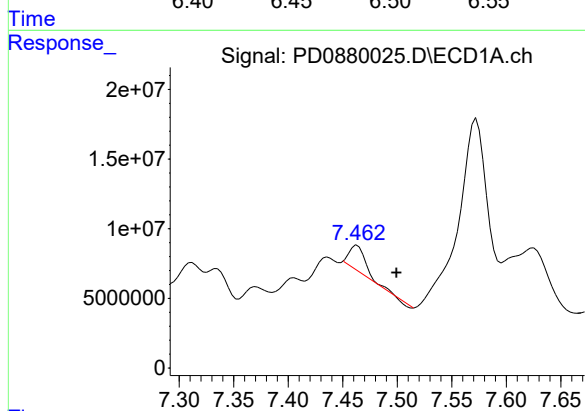
R.T.: 7.158 min
Delta R.T.: 0.003 min
Response: 152580321
Conc: 54.32 ng/ml

Instrument :
ECD_D
ClientSampleId :



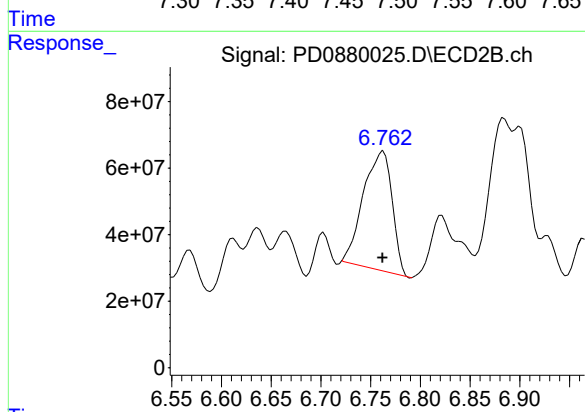
#19 Endosulfan Sulfate

R.T.: 6.496 min
Delta R.T.: 0.006 min
Response: 51229220
Conc: 3.06 ng/ml



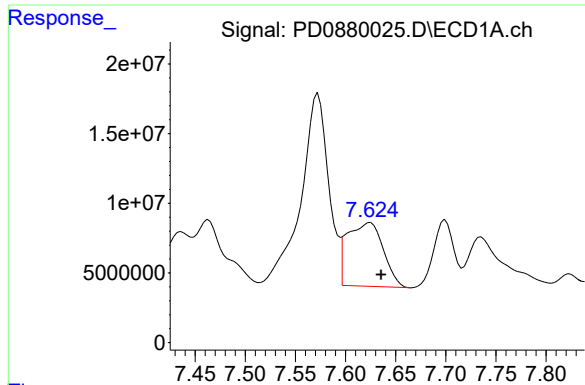
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: -0.036 min
Response: 19245538
Conc: 12.92 ng/ml



#20 Methoxychlor

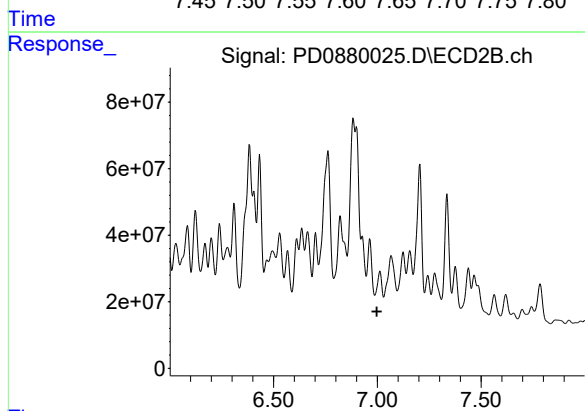
R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 720113483
Conc: 96.65 ng/ml



#21 Endrin ketone

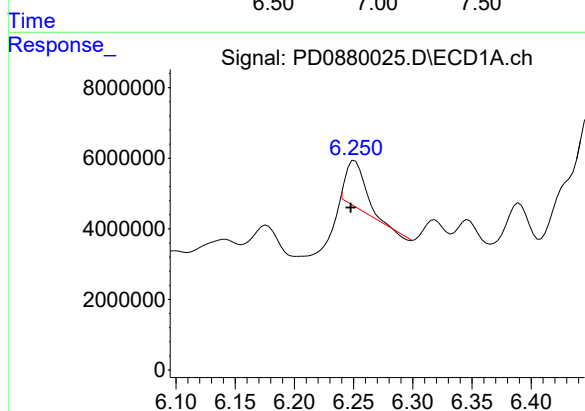
R.T.: 7.625 min
Delta R.T.: -0.011 min
Response: 114645021
Conc: 37.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



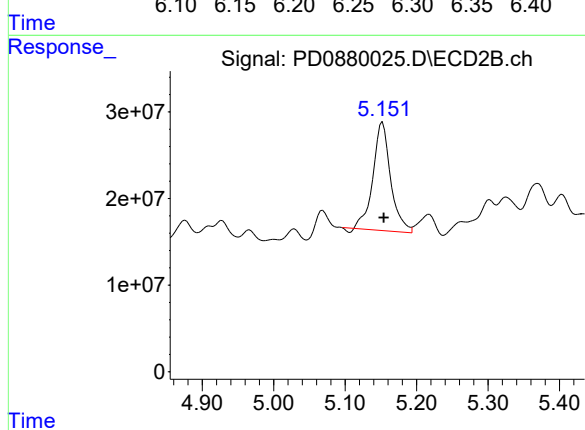
#21 Endrin ketone

R.T.: 7.013 min
Delta R.T.: 0.014 min
Response: -100348431
Conc: N.D.



#22 Toxaphene-1

R.T.: 6.251 min
Delta R.T.: 0.003 min
Response: 14538756
Conc: 620.89 ng/ml

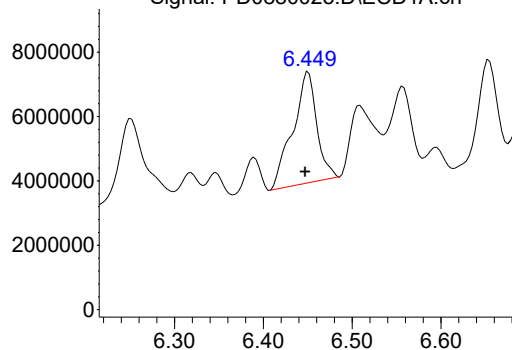


#22 Toxaphene-1

R.T.: 5.152 min
Delta R.T.: -0.002 min
Response: 214232572
Conc: 1953.92 ng/ml

Response_

Signal: PD0880025.D\ECD1A.ch



#23 Toxaphene-2

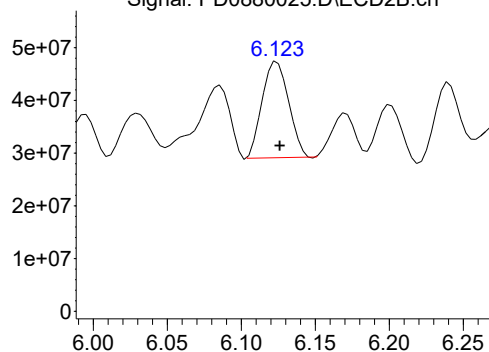
R.T.: 6.451 min
Delta R.T.: 0.003 min
Response: 64432553
Conc: 1974.32 ng/ml

Instrument :
ECD_D
ClientSampleId :

Time

Response_

Signal: PD0880025.D\ECD2B.ch



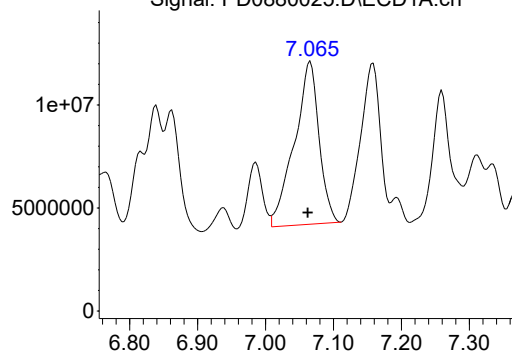
#23 Toxaphene-2

R.T.: 6.124 min
Delta R.T.: -0.002 min
Response: 225648772
Conc: 1888.85 ng/ml

Time

Response_

Signal: PD0880025.D\ECD1A.ch



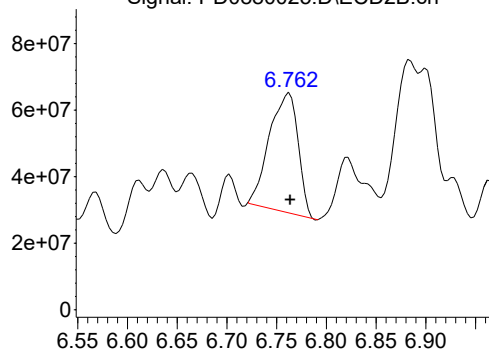
#24 Toxaphene-3

R.T.: 7.066 min
Delta R.T.: 0.004 min
Response: 195229751
Conc: 2146.67 ng/ml

Time

Response_

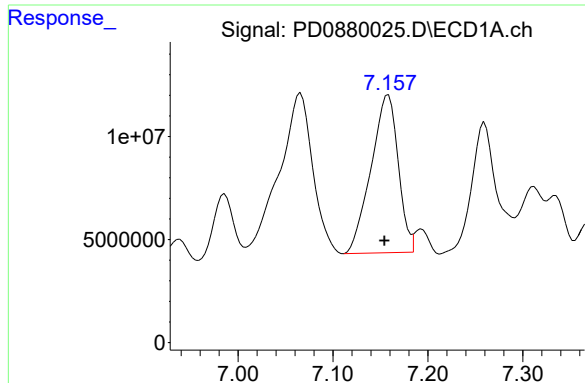
Signal: PD0880025.D\ECD2B.ch



#24 Toxaphene-3

R.T.: 6.763 min
Delta R.T.: -0.001 min
Response: 720113483
Conc: 1866.16 ng/ml

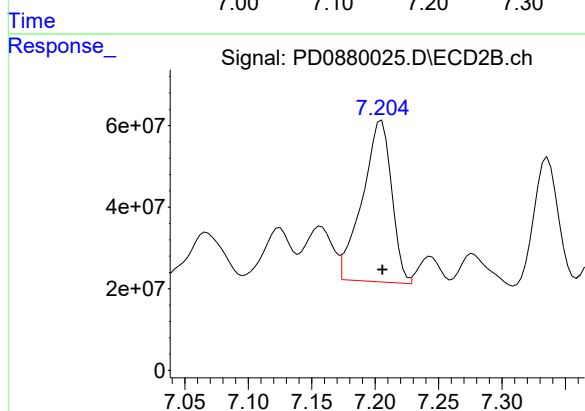
Time



#25 Toxaphene-4

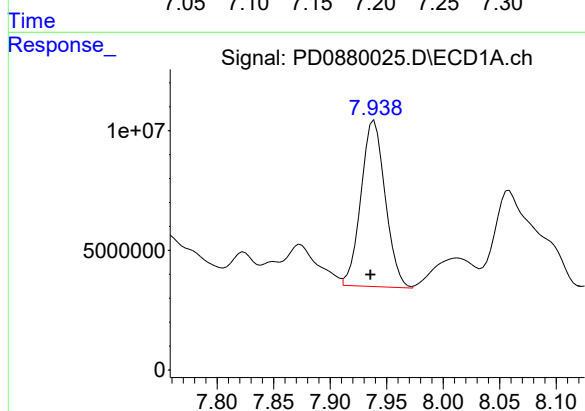
R.T.: 7.158 min
Delta R.T.: 0.004 min
Response: 152580321
Conc: 2291.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



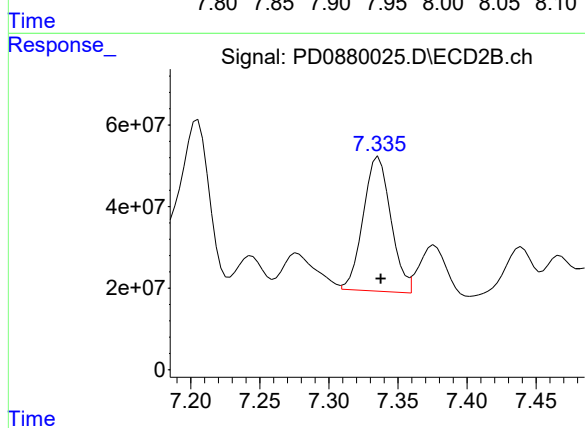
#25 Toxaphene-4

R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 636094036
Conc: 2375.55 ng/ml



#26 Toxaphene-5

R.T.: 7.939 min
Delta R.T.: 0.003 min
Response: 103599572
Conc: 2146.78 ng/ml

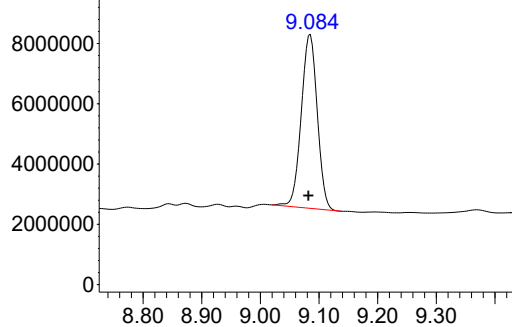


#26 Toxaphene-5

R.T.: 7.336 min
Delta R.T.: -0.001 min
Response: 459421433
Conc: 2303.25 ng/ml

Response_

Signal: PD0880025.D\ECD1A.ch



#27 Decachlorobiphenyl

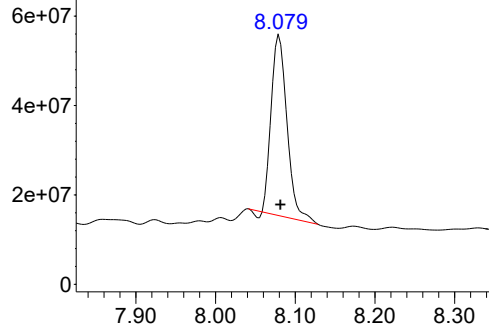
R.T.: 9.085 min
Delta R.T.: 0.003 min
Response: 109120779
Conc: 32.56 ng/ml

Instrument :
ECD_D
ClientSampleId :

Time

Response_

Signal: PD0880025.D\ECD2B.ch



#27 Decachlorobiphenyl

R.T.: 8.080 min
Delta R.T.: -0.002 min
Response: 550681082
Conc: 31.01 ng/ml

Time