Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111124\
Data File : PD086512.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2024 11:48
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 01:34:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 11:38:14 2024
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...	3.558	2.887	29800376	221.0E6	20.401	22.348	
28)	SA Decachlor...	9.095	8.095	40874002	240.1E6	21.320	22.418	
	Target Compounds							
2)	A alpha-BHC	4.008	3.401	27166376	179.6E6	9.480	11.835	
3)	MA gamma-BHC...	4.340	3.738	27077603	166.6E6	9.451	11.395	
5)	MB Aldrin	0.000	4.374	0	2453094	N.D.	0.168	#
6)	B beta-BHC	4.524	4.034	12301136	77595375	10.761	12.170	
7)	B delta-BHC	4.788	4.283	906922	1491838	0.307	0.100	#
8)	B Heptachlo...	0.000	4.869f	0	613988	N.D.	0.047	#
9)	A Endosulfan I	0.000	5.256	0	1880193	N.D.	0.151	#
10)	B gamma-Chl...	5.996f	5.145	642930	1009257	0.267	0.074	#
11)	B alpha-Chl...	6.053	5.234f	493943	3064340	0.204	0.229	
12)	B 4,4'-DDE	6.211	5.394	371339	2739199	0.166	0.209	#
13)	MA Dieldrin	6.378f	5.530	455423	451786	0.183	0.033	#
14)	MA Endrin	6.587	5.805	98926408	587.1E6	45.895	47.845	
15)	B Endosulfa...	6.783f	6.105	76261	2946022	0.035	0.245	#
16)	A 4,4'-DDD	6.719	5.947	1136944	6636944	0.629	0.603	
17)	MA 4,4'-DDT	7.035	6.201	191.2E6	1102.5E6	104.445	95.066	
18)	B Endrin al...	6.929	6.275	2179542	19104803	1.318	2.038	#
19)	B Endosulfa...	0.000	6.498	0	329650	N.D.	0.028	#
20)	A Methoxychlor	7.507	6.773	254.5E6	1266.7E6	235.299	200.470	
21)	B Endrin ke...	7.644	7.007	4307090	34389954	1.898	2.704	#
22)	Mirex	0.000	7.197	0	955661	N.D.	0.092	#
23)	Chlordane-1	0.000	3.946f	0	1631953	N.D.	3.509	#
24)	Chlordane-2	0.000	4.520	0	2354434	N.D.	4.753	#
25)	Chlordane-3	0.000	5.145	0	1009257	N.D.	0.678	#
26)	Chlordane-4	6.053	5.234f	493943	3064340	1.075	2.439	#

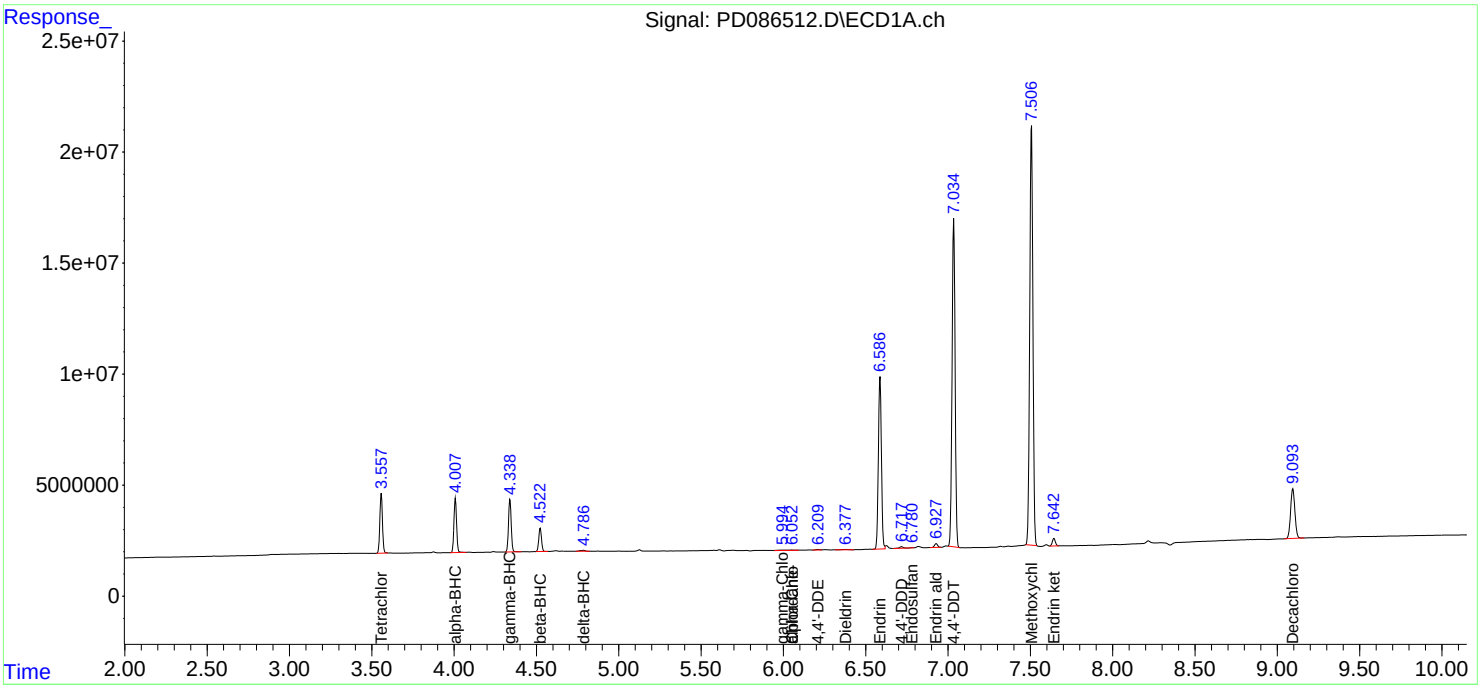
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

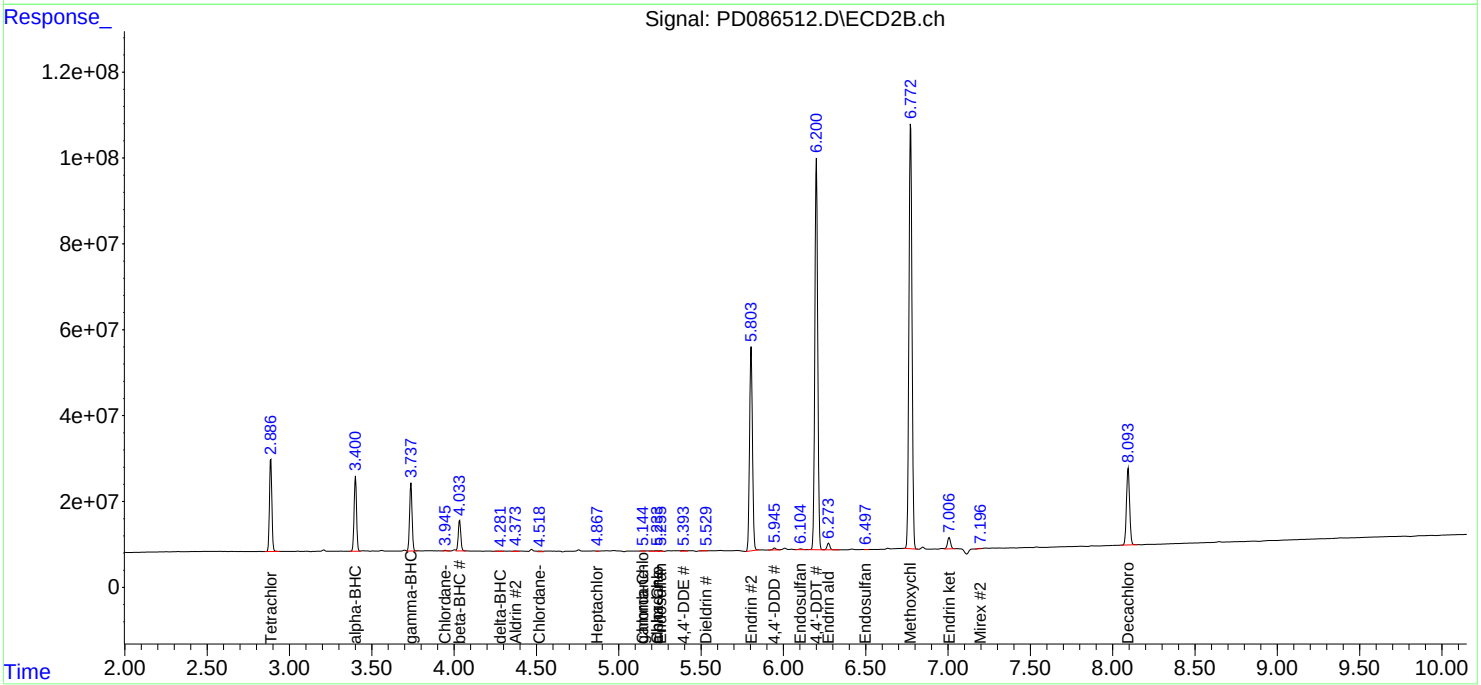
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111124\
Data File : PD086512.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2024 11:48
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

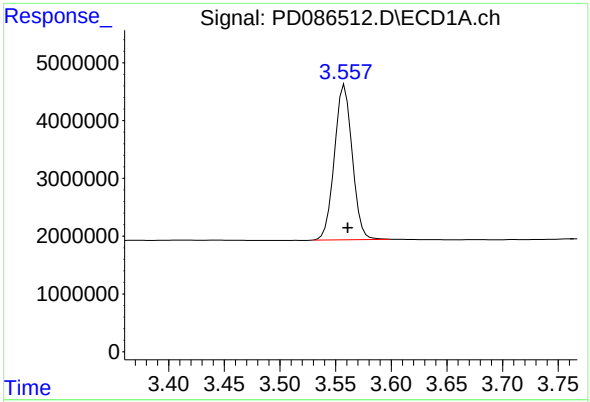
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 01:34:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 11:38:14 2024
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



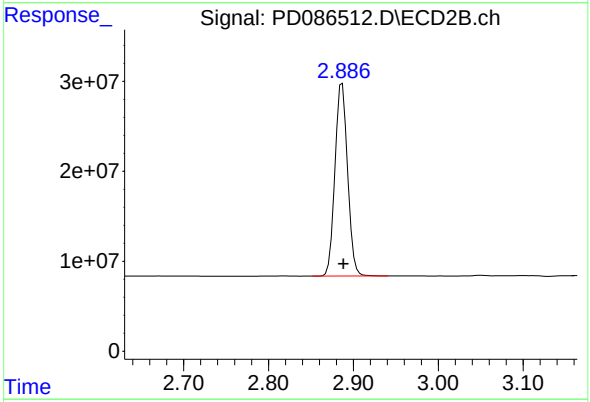




#1 Tetrachloro-m-xylene

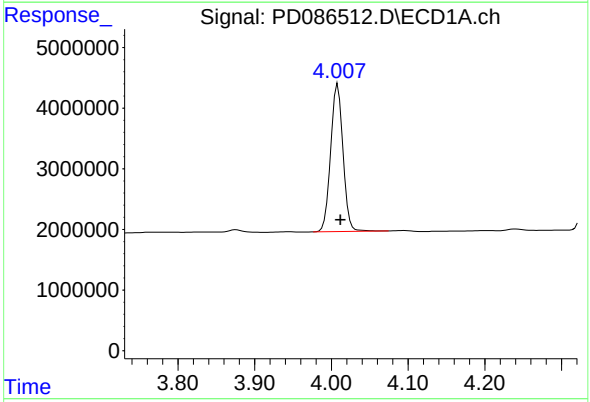
R.T.: 3.558 min
Delta R.T.: -0.003 min
Response: 29800376
Conc: 20.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



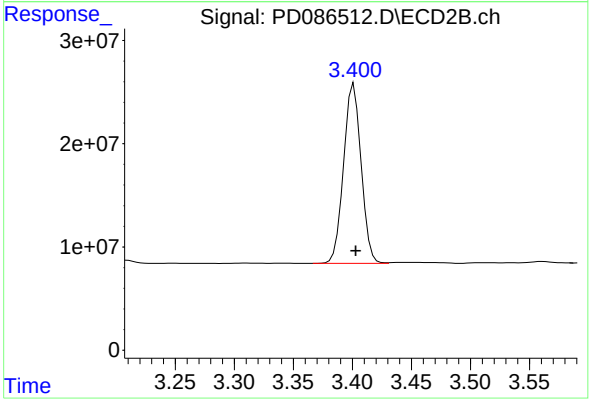
#1 Tetrachloro-m-xylene

R.T.: 2.887 min
Delta R.T.: -0.002 min
Response: 221003950
Conc: 22.35 ng/ml



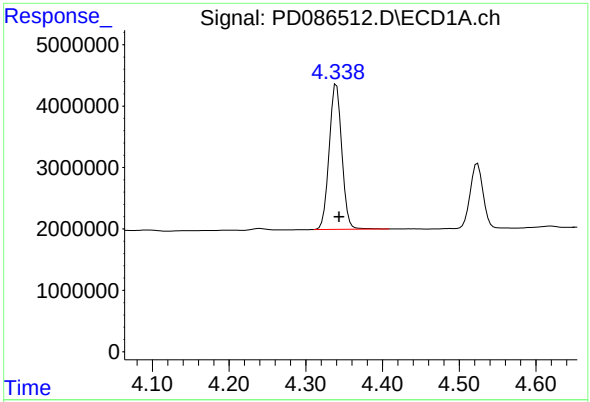
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: -0.004 min
Response: 27166376
Conc: 9.48 ng/ml



#2 alpha-BHC

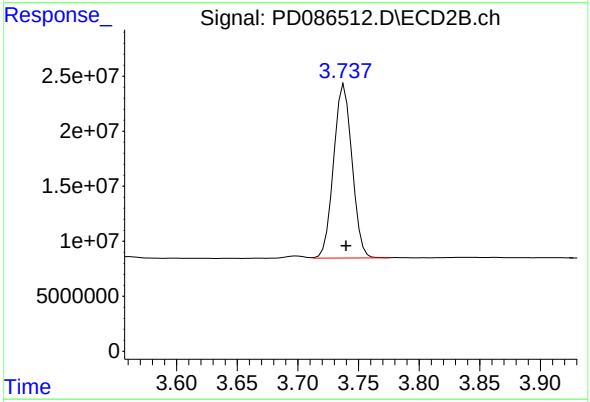
R.T.: 3.401 min
Delta R.T.: -0.002 min
Response: 179599158
Conc: 11.84 ng/ml



#3 gamma-BHC (Lindane)

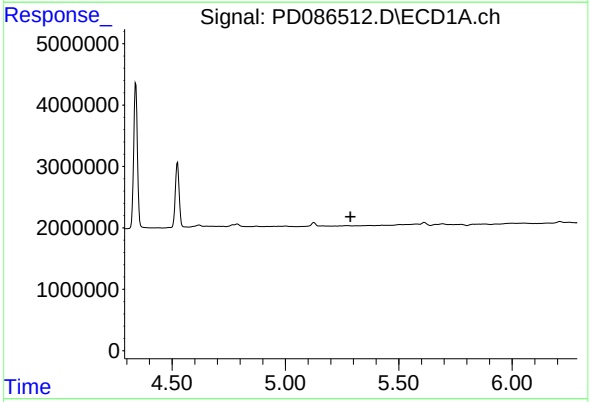
R.T.: 4.340 min
Delta R.T.: -0.004 min
Response: 27077603
Conc: 9.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



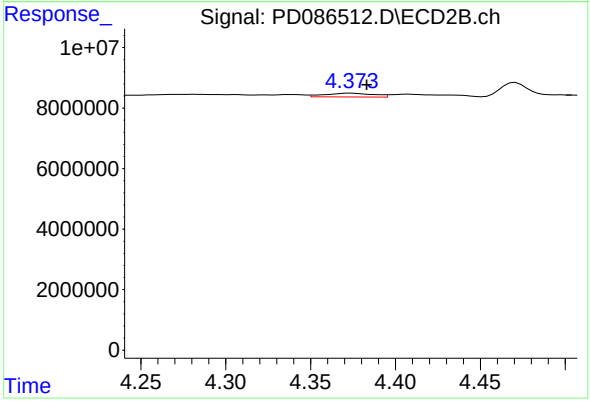
#3 gamma-BHC (Lindane)

R.T.: 3.738 min
Delta R.T.: -0.001 min
Response: 166605403
Conc: 11.40 ng/ml



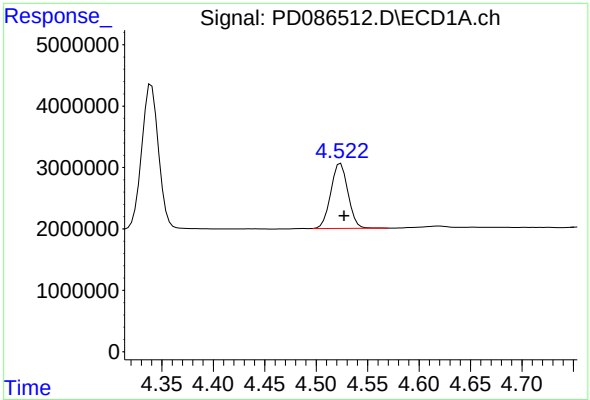
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.287 min
Response: 0
Conc: N.D.



#5 Aldrin

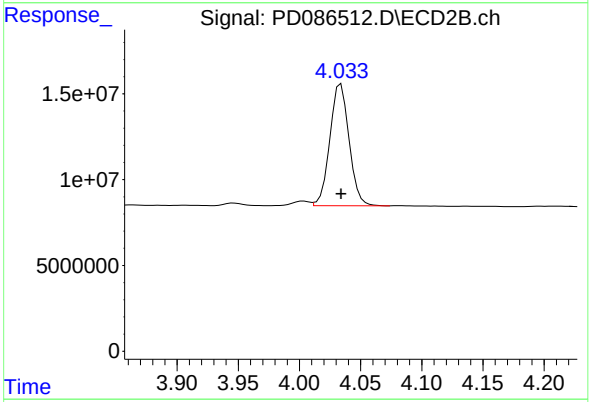
R.T.: 4.374 min
Delta R.T.: -0.009 min
Response: 2453094
Conc: 0.17 ng/ml



#6 beta-BHC

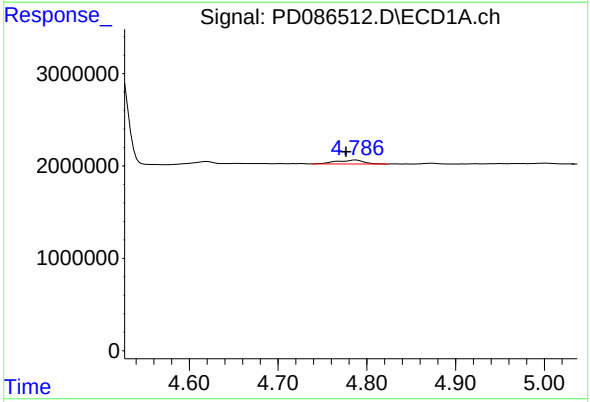
R.T.: 4.524 min
Delta R.T.: -0.003 min
Response: 12301136
Conc: 10.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



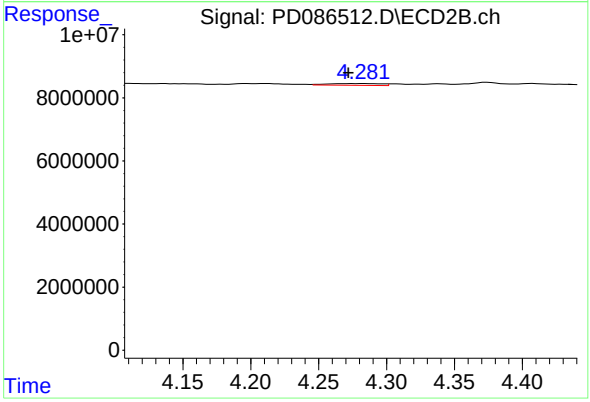
#6 beta-BHC

R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 77595375
Conc: 12.17 ng/ml



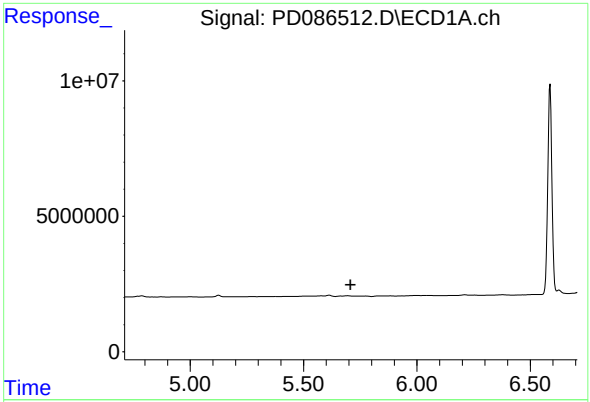
#7 delta-BHC

R.T.: 4.788 min
Delta R.T.: 0.011 min
Response: 906922
Conc: 0.31 ng/ml



#7 delta-BHC

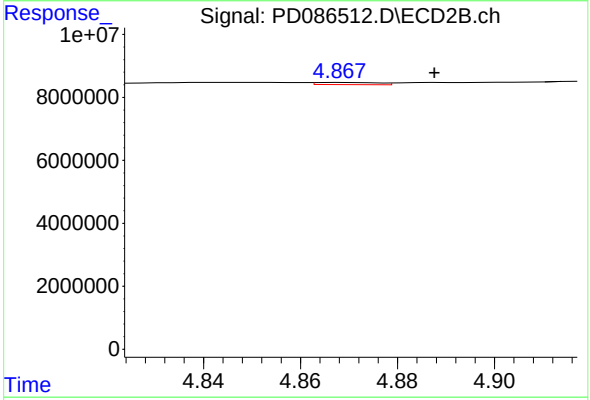
R.T.: 4.283 min
Delta R.T.: 0.011 min
Response: 1491838
Conc: 0.10 ng/ml



#8 Heptachlor epoxide

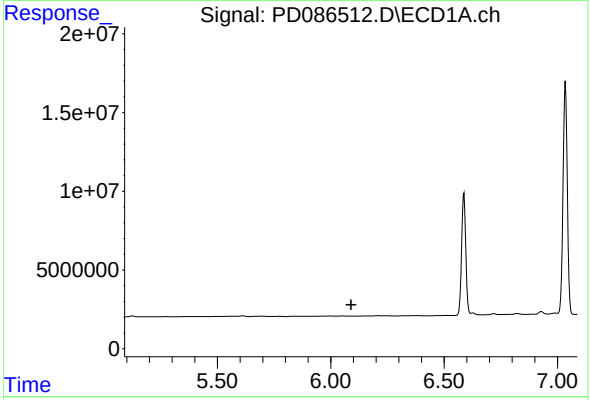
R.T.: 0.000 min
Exp R.T. : 5.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



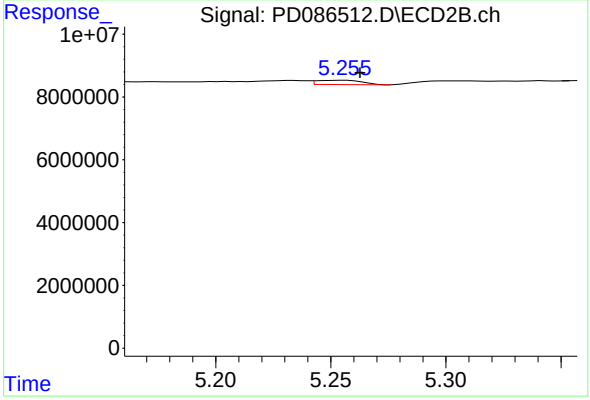
#8 Heptachlor epoxide

R.T.: 4.869 min
Delta R.T.: -0.019 min
Response: 613988
Conc: 0.05 ng/ml



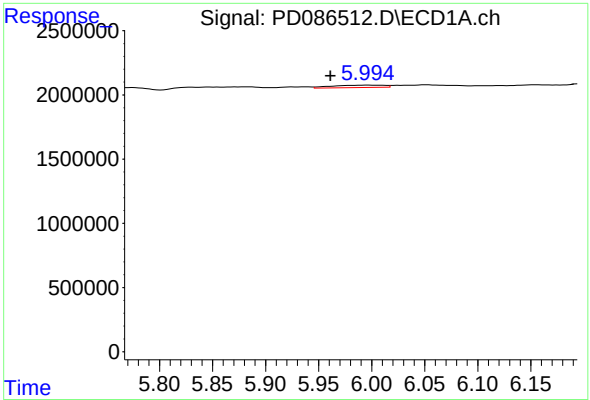
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.090 min
Response: 0
Conc: N.D.



#9 Endosulfan I

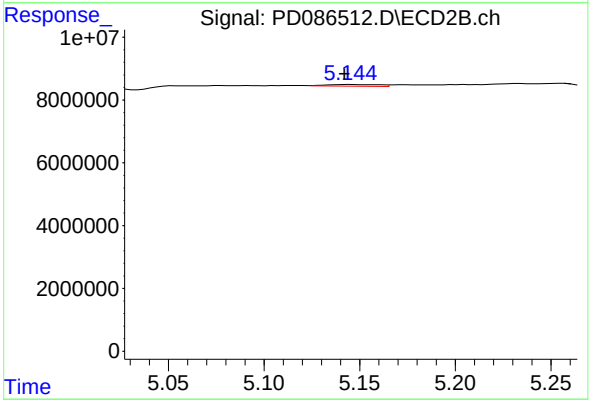
R.T.: 5.256 min
Delta R.T.: -0.007 min
Response: 1880193
Conc: 0.15 ng/ml



#10 gamma-Chlordane

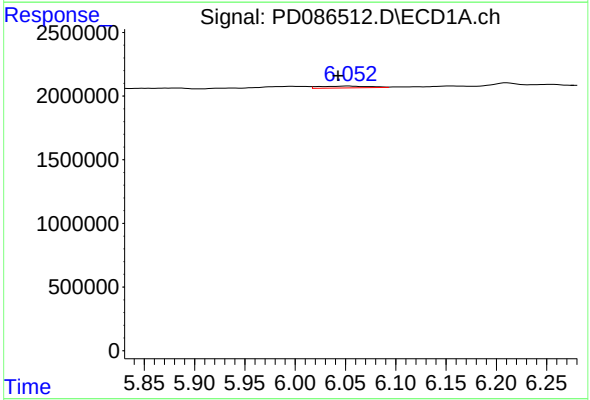
R.T.: 5.996 min
Delta R.T.: 0.035 min
Response: 642930
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



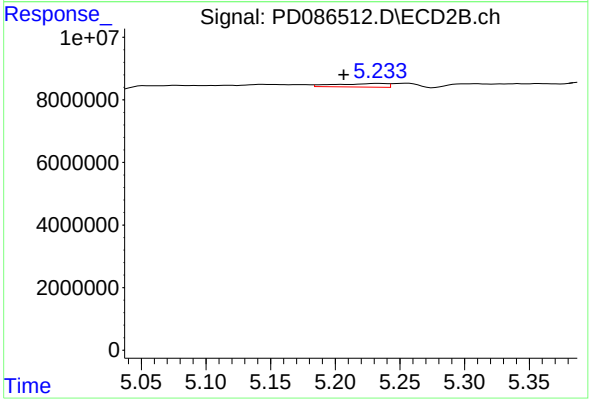
#10 gamma-Chlordane

R.T.: 5.145 min
Delta R.T.: 0.003 min
Response: 1009257
Conc: 0.07 ng/ml



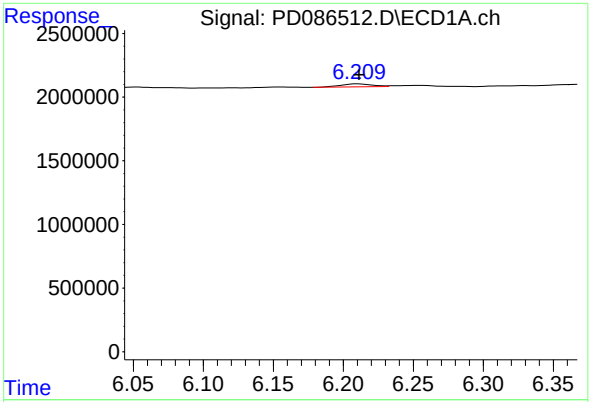
#11 alpha-Chlordane

R.T.: 6.053 min
Delta R.T.: 0.010 min
Response: 493943
Conc: 0.20 ng/ml



#11 alpha-Chlordane

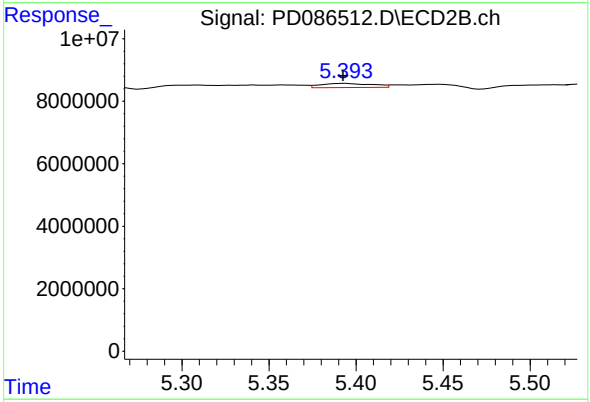
R.T.: 5.234 min
Delta R.T.: 0.027 min
Response: 3064340
Conc: 0.23 ng/ml



#12 4,4'-DDE

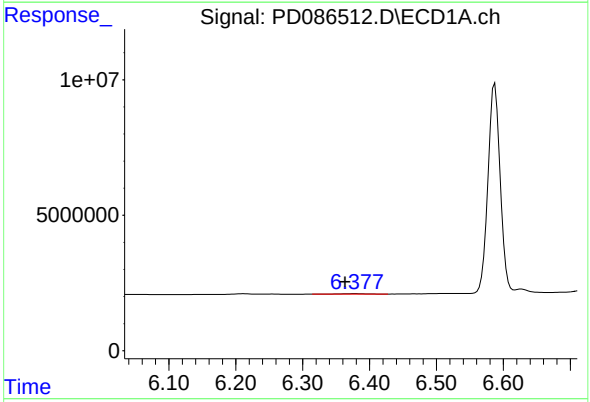
R.T.: 6.211 min
Delta R.T.: 0.000 min
Response: 371339
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



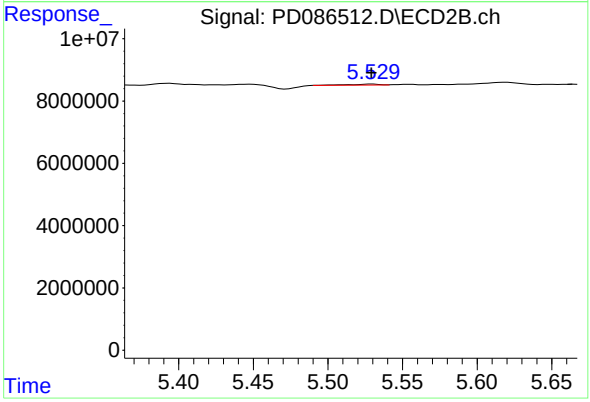
#12 4,4'-DDE

R.T.: 5.394 min
Delta R.T.: 0.001 min
Response: 2739199
Conc: 0.21 ng/ml



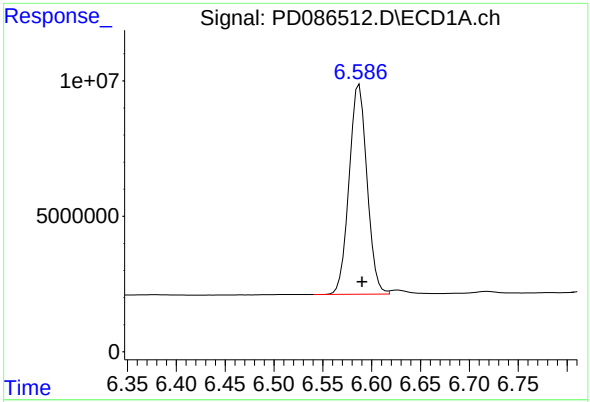
#13 Dieldrin

R.T.: 6.378 min
Delta R.T.: 0.015 min
Response: 455423
Conc: 0.18 ng/ml



#13 Dieldrin

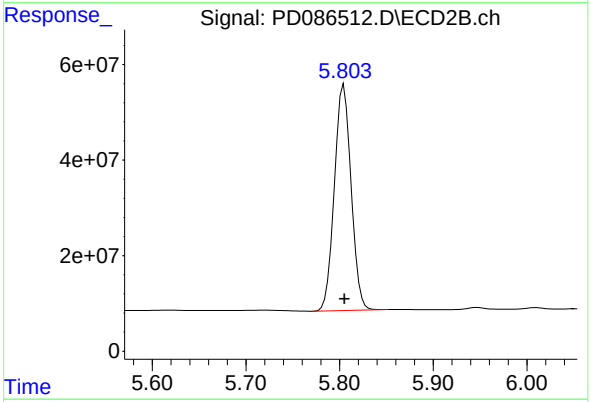
R.T.: 5.530 min
Delta R.T.: 0.000 min
Response: 451786
Conc: 0.03 ng/ml



#14 Endrin

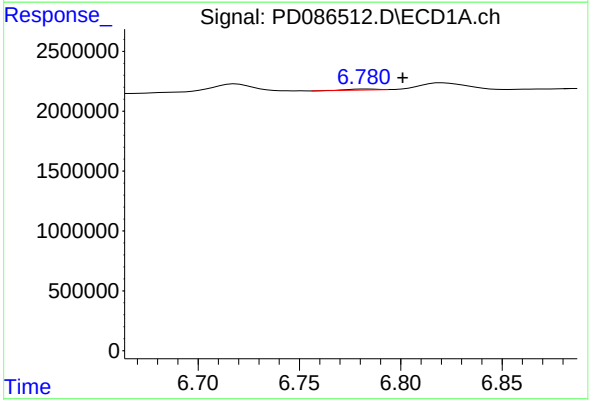
R.T.: 6.587 min
Delta R.T.: -0.003 min
Response: 98926408
Conc: 45.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



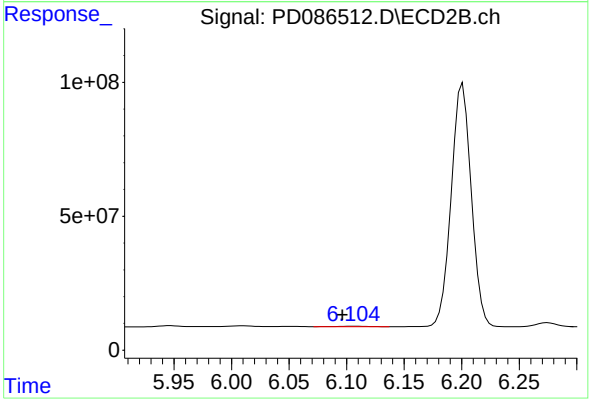
#14 Endrin

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 587050816
Conc: 47.85 ng/ml



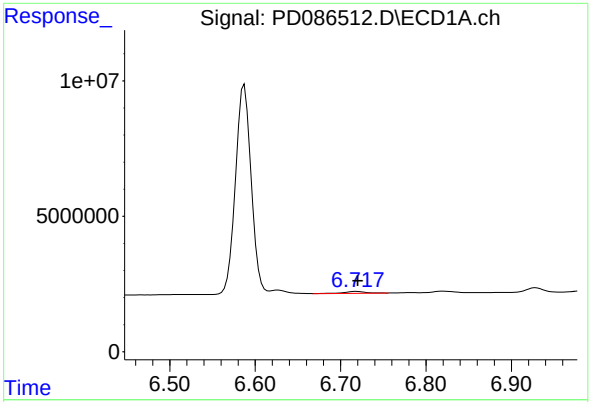
#15 Endosulfan II

R.T.: 6.783 min
Delta R.T.: -0.018 min
Response: 76261
Conc: 0.04 ng/ml



#15 Endosulfan II

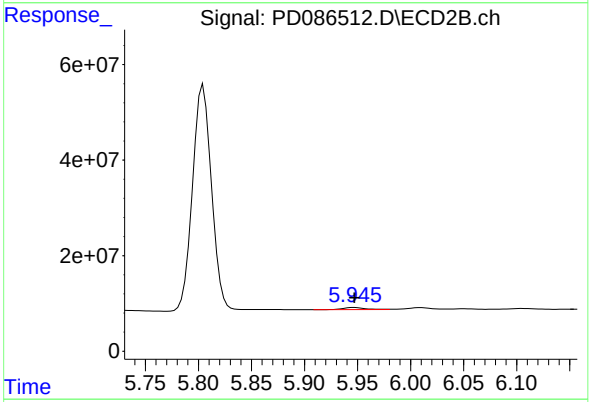
R.T.: 6.105 min
Delta R.T.: 0.009 min
Response: 2946022
Conc: 0.25 ng/ml



#16 4,4'-DDD

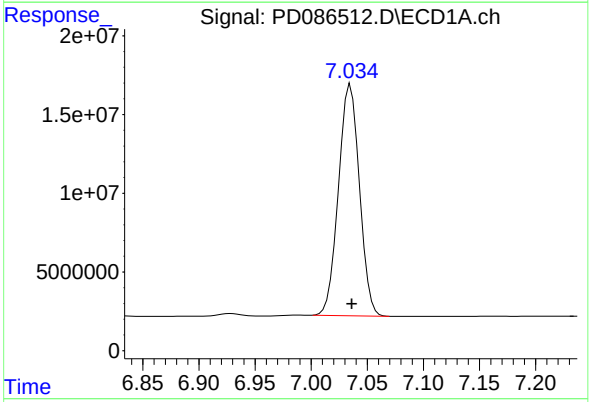
R.T.: 6.719 min
Delta R.T.: -0.001 min
Response: 1136944
Conc: 0.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



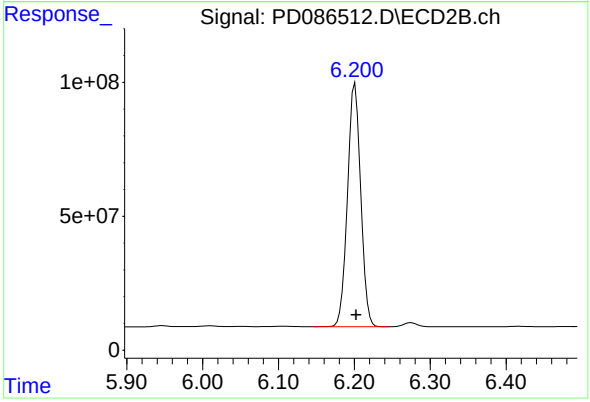
#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 6636944
Conc: 0.60 ng/ml



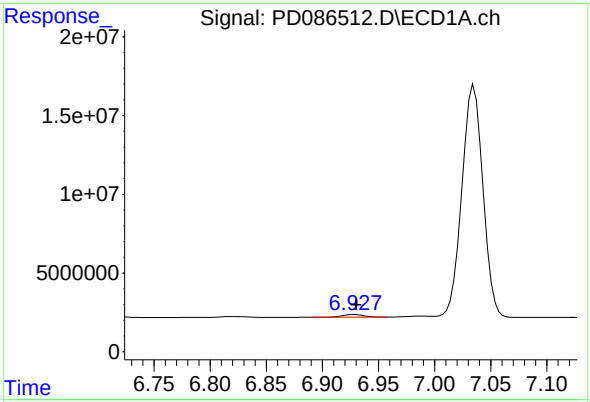
#17 4,4'-DDT

R.T.: 7.035 min
Delta R.T.: 0.000 min
Response: 191212514
Conc: 104.44 ng/ml



#17 4,4'-DDT

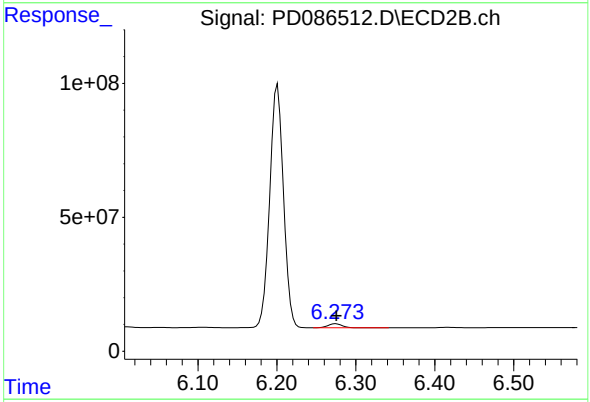
R.T.: 6.201 min
Delta R.T.: -0.001 min
Response: 1102520344
Conc: 95.07 ng/ml



#18 Endrin aldehyde

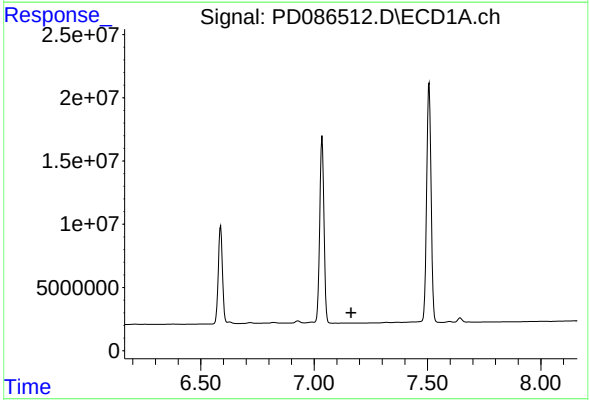
R.T.: 6.929 min
Delta R.T.: -0.001 min
Response: 2179542
Conc: 1.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



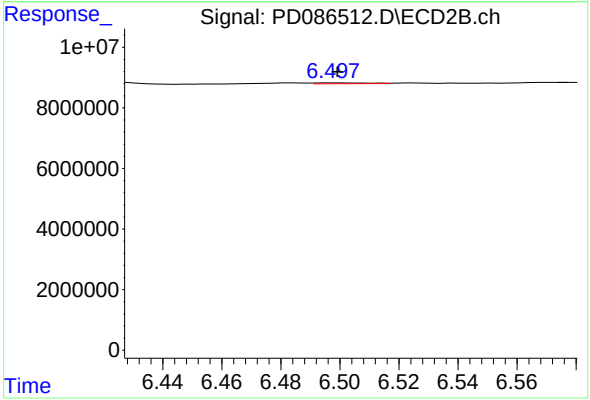
#18 Endrin aldehyde

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 19104803
Conc: 2.04 ng/ml



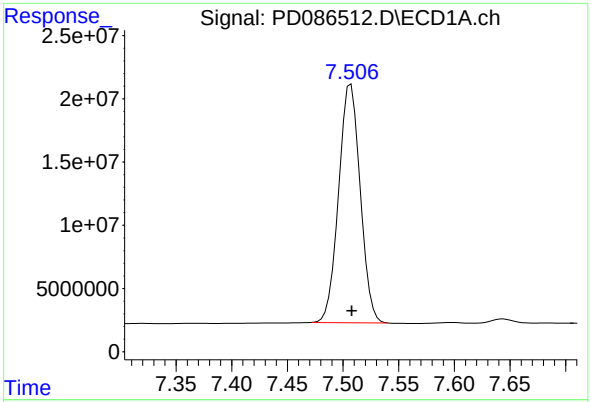
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.163 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

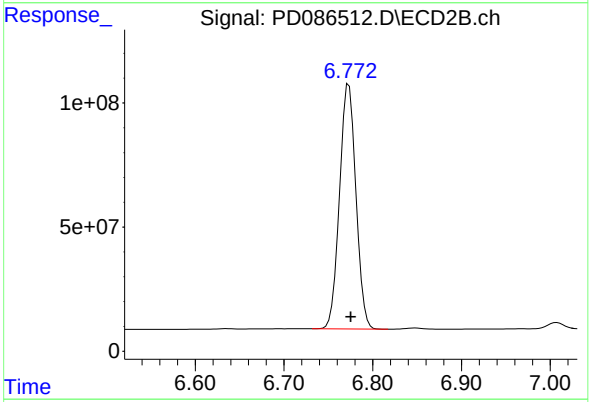
R.T.: 6.498 min
Delta R.T.: -0.001 min
Response: 329650
Conc: 0.03 ng/ml



#20 Methoxychlor

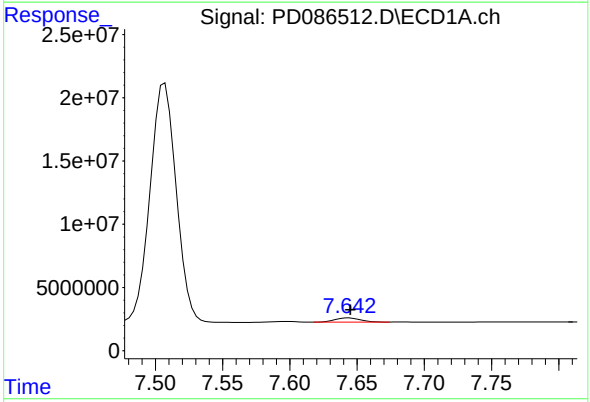
R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 254465425
Conc: 235.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



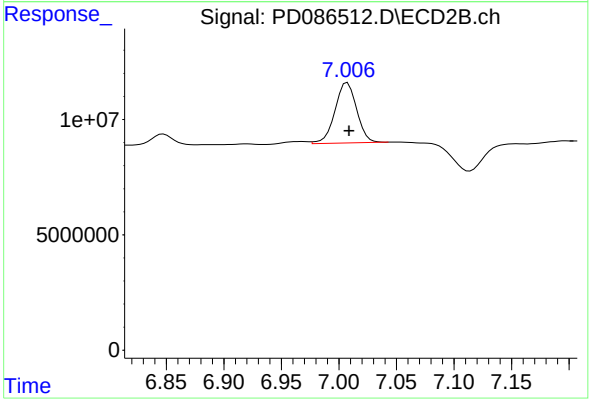
#20 Methoxychlor

R.T.: 6.773 min
Delta R.T.: -0.002 min
Response: 1266708076
Conc: 200.47 ng/ml



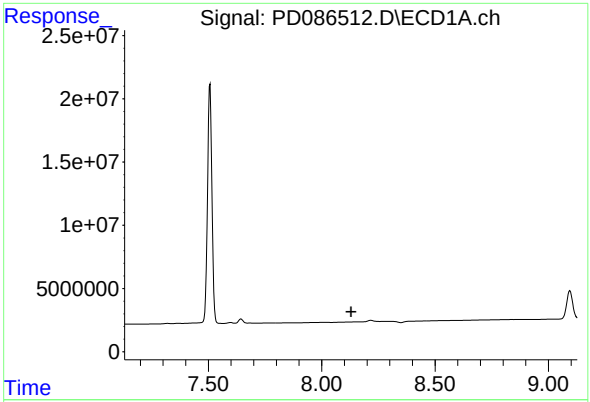
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: -0.001 min
Response: 4307090
Conc: 1.90 ng/ml



#21 Endrin ketone

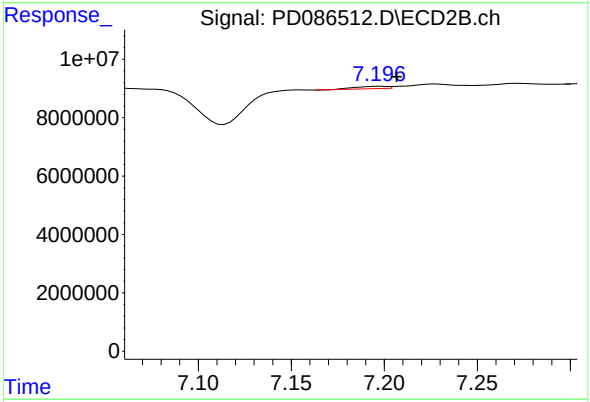
R.T.: 7.007 min
Delta R.T.: -0.001 min
Response: 34389954
Conc: 2.70 ng/ml



#22 Mirex

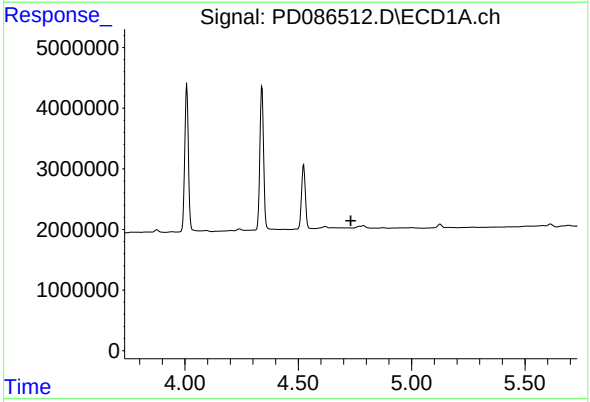
R.T.: 0.000 min
Exp R.T. : 8.130 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



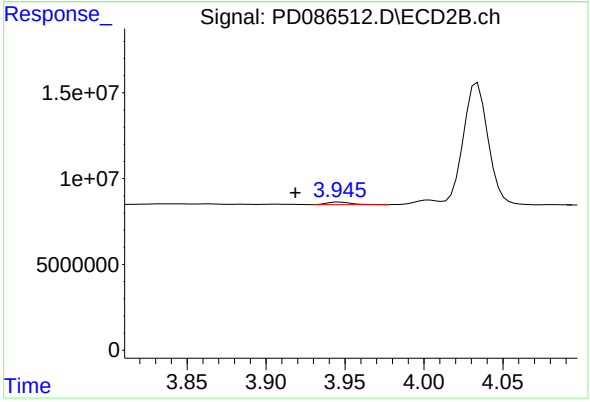
#22 Mirex

R.T.: 7.197 min
Delta R.T.: -0.010 min
Response: 955661
Conc: 0.09 ng/ml



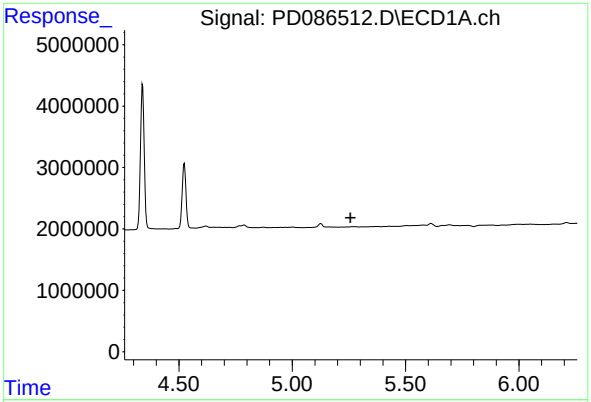
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.731 min
Response: 0
Conc: N.D.



#23 Chlordane-1

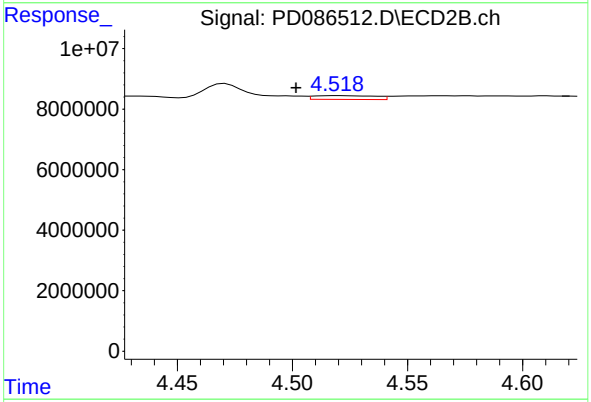
R.T.: 3.946 min
Delta R.T.: 0.028 min
Response: 1631953
Conc: 3.51 ng/ml



#24 Chlordane-2

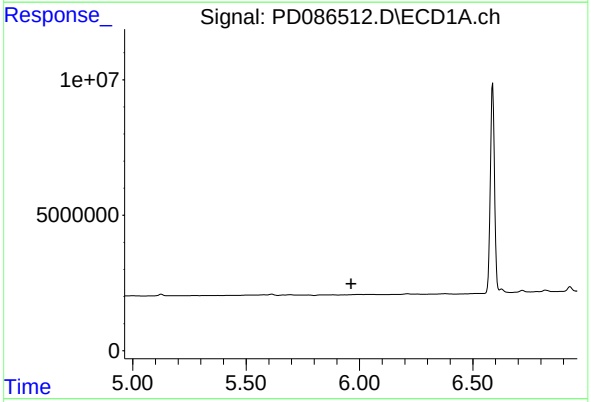
R.T.: 0.000 min
Exp R.T. : 5.257 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



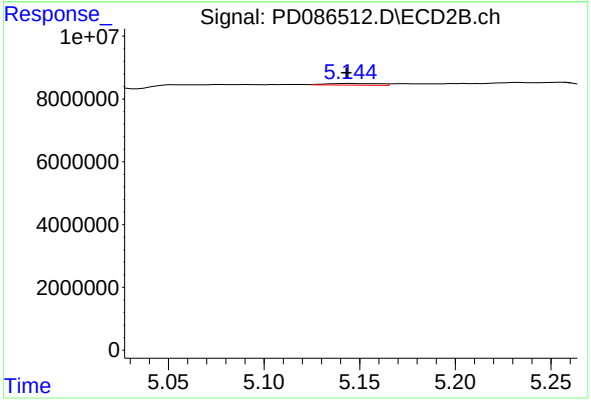
#24 Chlordane-2

R.T.: 4.520 min
Delta R.T.: 0.018 min
Response: 2354434
Conc: 4.75 ng/ml



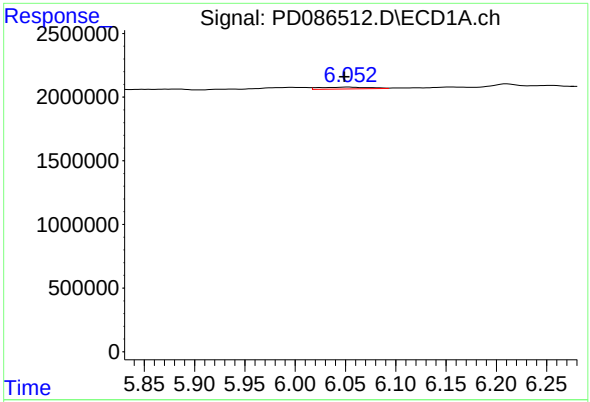
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.



#25 Chlordane-3

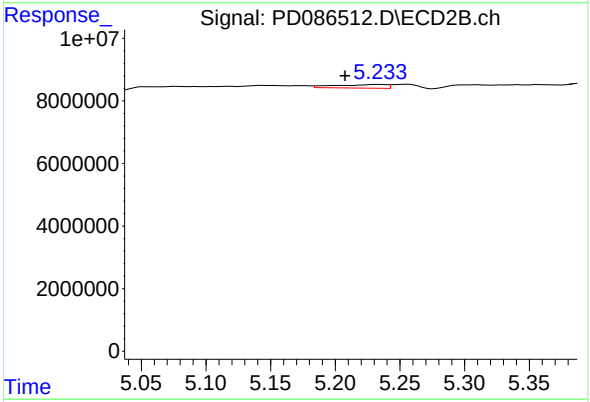
R.T.: 5.145 min
Delta R.T.: 0.002 min
Response: 1009257
Conc: 0.68 ng/ml



#26 Chlordane-4

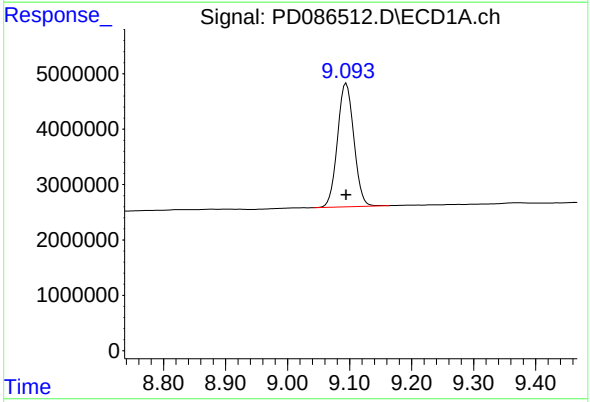
R.T.: 6.053 min
Delta R.T.: 0.004 min
Response: 493943
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



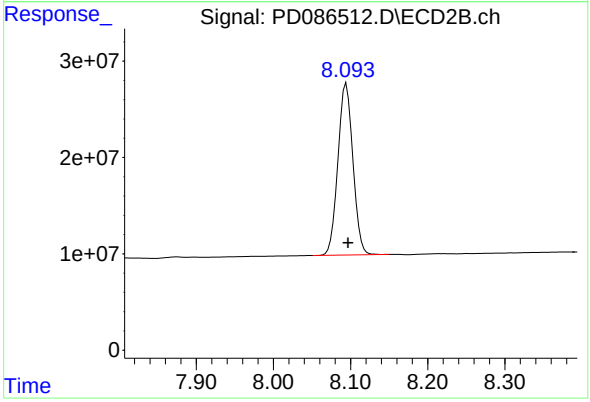
#26 Chlordane-4

R.T.: 5.234 min
Delta R.T.: 0.026 min
Response: 3064340
Conc: 2.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.095 min
Delta R.T.: 0.000 min
Response: 40874002
Conc: 21.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.095 min
Delta R.T.: -0.002 min
Response: 240137974
Conc: 22.42 ng/ml