

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121720\
 Data File : PD060778.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Dec 2020 15:57
 Operator : DD\AJ
 Sample : PB133644BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

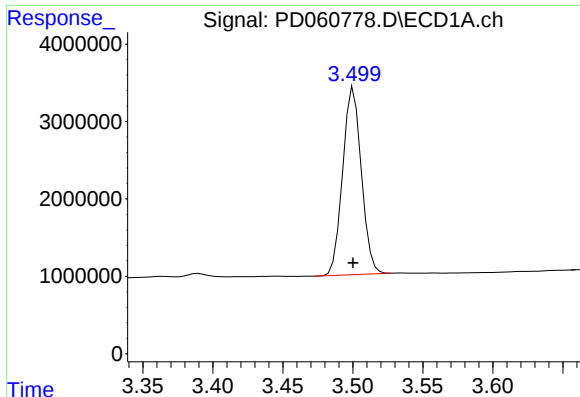
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 18 03:07:07 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121620.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 17 03:53:08 2020
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.501	4.021	22527023	100.4E6	20.719	21.354
28)	SA Decachlor...	8.289	9.106	30235500	84872917	21.403	22.717
Target Compounds							
2)	A alpha-BHC	3.942	4.412	86346690	383.2E6	50.130	52.062
3)	MA gamma-BHC...	4.228	4.698	80230162	344.6E6	48.951	51.123
4)	MA Heptachlor	4.534	5.209	84957392	341.3E6	50.574	52.437
5)	MB Aldrin	4.784	5.516	82228148	323.4E6	51.977	53.008
6)	B beta-BHC	4.477	4.866	35580319	146.0E6	50.297	52.570
7)	B delta-BHC	4.684	5.085	80769123	344.9E6	51.500	54.293
8)	B Heptachlo...	5.230	5.903	76610319	295.1E6	50.746	52.814
9)	A Endosulfan I	5.572	6.261	72234548	272.7E6	50.558	52.247
10)	B gamma-Chl...	5.458	6.137	78703779	297.8E6	50.912	51.565
11)	B alpha-Chl...	5.517	6.210	77686101	289.2E6	50.270	51.522
12)	B 4,4'-DDE	5.681	6.365	75878437	279.1E6	50.808	52.757
13)	MA Dieldrin	5.817	6.518	77185283	289.0E6	50.638	51.760
14)	MA Endrin	6.076	6.737	64334689	227.2E6	47.640	48.379
15)	B Endosulfa...	6.349	6.944	64213359	235.3E6	46.233	47.319
16)	A 4,4'-DDD	6.199	6.856	65168248	235.2E6	52.598	53.483
17)	MA 4,4'-DDT	6.442	7.155	65488827	237.6E6	49.761	53.280
18)	B Endrin al...	6.518	7.069	53396788	195.6E6	45.344	48.155
19)	B Endosulfa...	6.732	7.292	62665712	235.0E6	52.053	53.066
20)	A Methoxychlor	6.989	7.612	37381692	117.9E6	48.005	49.722
21)	B Endrin ke...	7.226	7.764	81636803	261.7E6	51.719	53.396
22)	Mirex	7.420	8.221	60761547	178.3E6	50.092	52.578
24)	Chlordane-2	0.000	5.516f	0	323.4E6	N.D.	1681.200 #
25)	Chlordane-3	5.458	6.137	78703779	297.8E6	579.435	419.518 #
26)	Chlordane-4	5.517	6.210	77686101	289.2E6	706.927	348.949 #
27)	Chlordane-5	6.349	0.000	64213359	0	1292.924	N.D. #

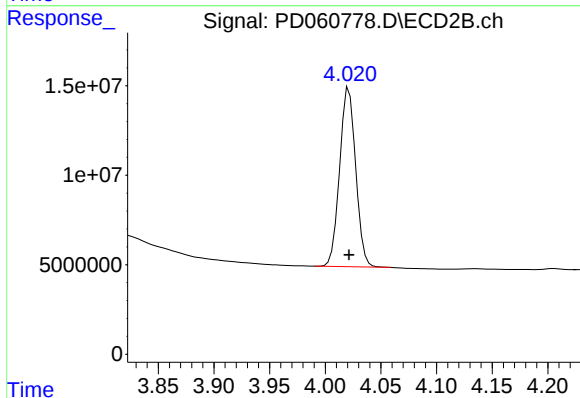
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

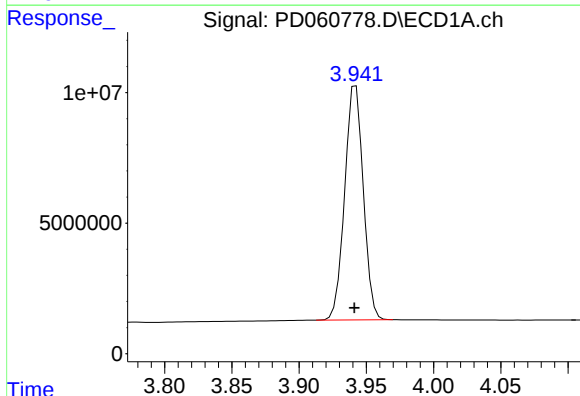
R.T.: 3.501 min
Delta R.T.: 0.000 min
Response: 22527023
Conc: 20.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



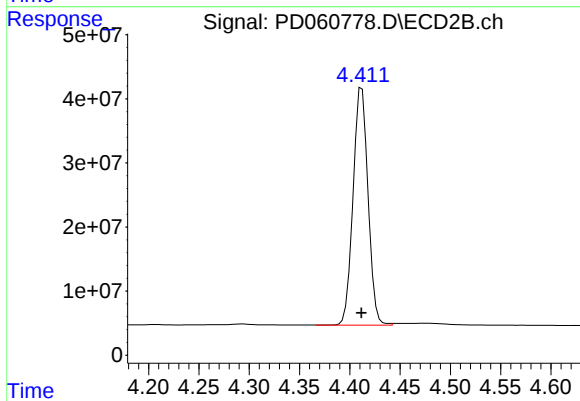
#1 Tetrachloro-m-xylene

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 100353875
Conc: 21.35 ng/ml



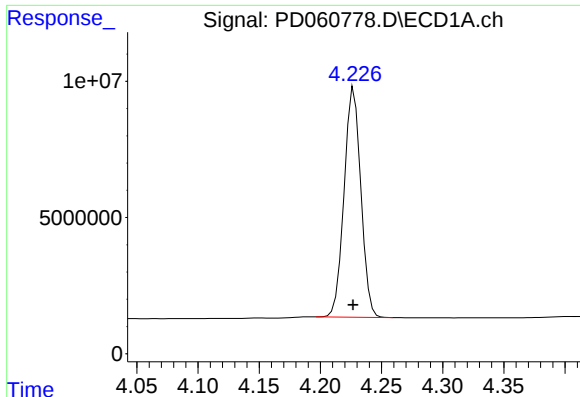
#2 alpha-BHC

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 86346690
Conc: 50.13 ng/ml



#2 alpha-BHC

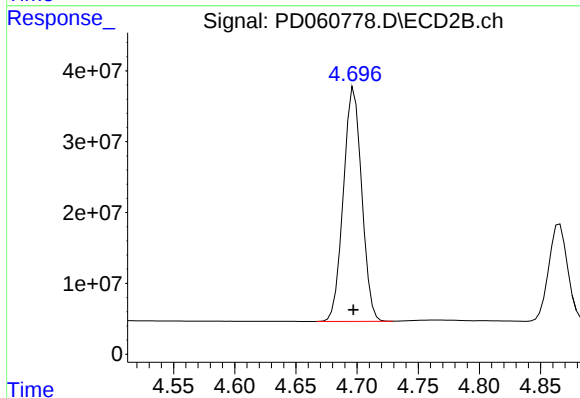
R.T.: 4.412 min
Delta R.T.: 0.000 min
Response: 383231111
Conc: 52.06 ng/ml



#3 gamma-BHC (Lindane)

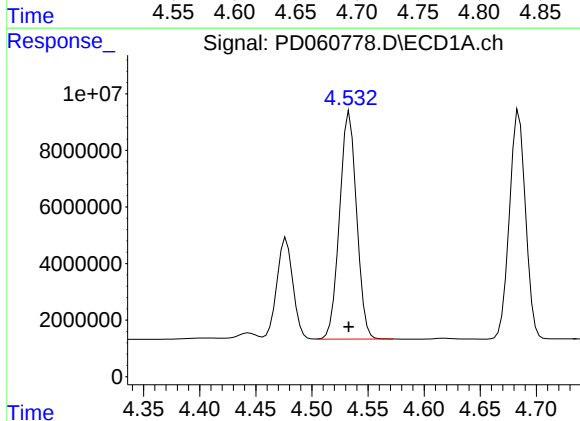
R.T.: 4.228 min
Delta R.T.: 0.000 min
Response: 80230162
Conc: 48.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



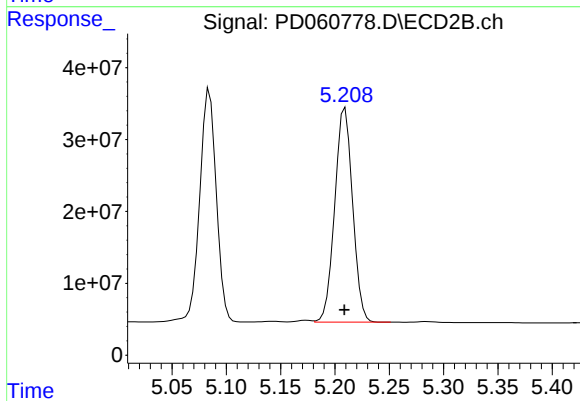
#3 gamma-BHC (Lindane)

R.T.: 4.698 min
Delta R.T.: 0.000 min
Response: 344578050
Conc: 51.12 ng/ml



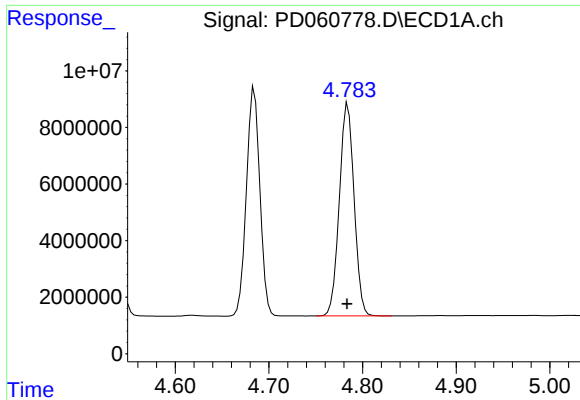
#4 Heptachlor

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 84957392
Conc: 50.57 ng/ml



#4 Heptachlor

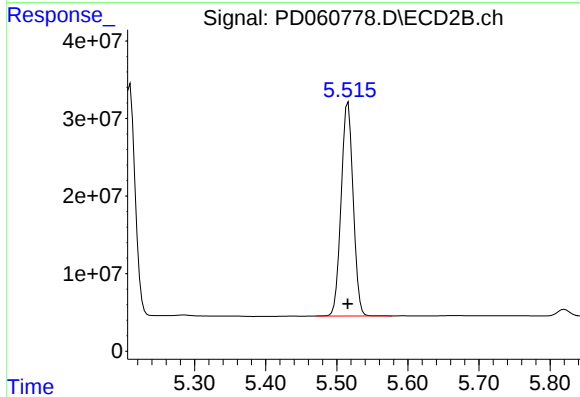
R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 341341092
Conc: 52.44 ng/ml



#5 Aldrin

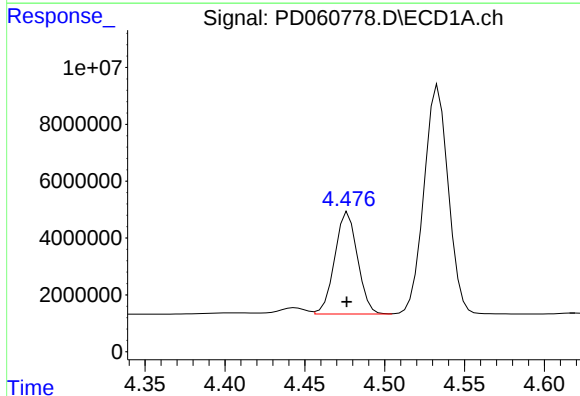
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 82228148
Conc: 51.98 ng/ml

Instrument :
ECD_D
ClientSampleId :



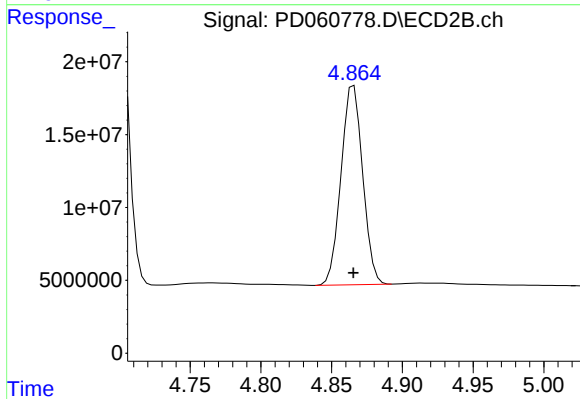
#5 Aldrin

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 323356051
Conc: 53.01 ng/ml



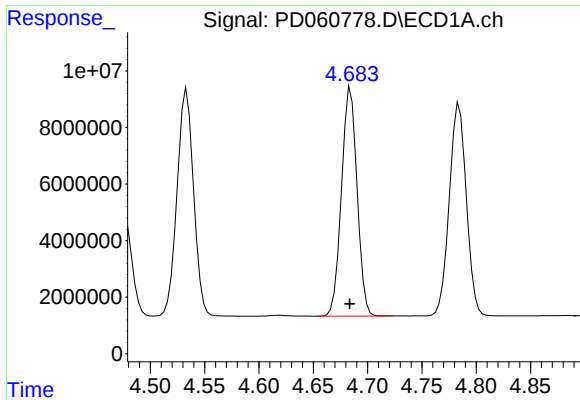
#6 beta-BHC

R.T.: 4.477 min
Delta R.T.: 0.000 min
Response: 35580319
Conc: 50.30 ng/ml



#6 beta-BHC

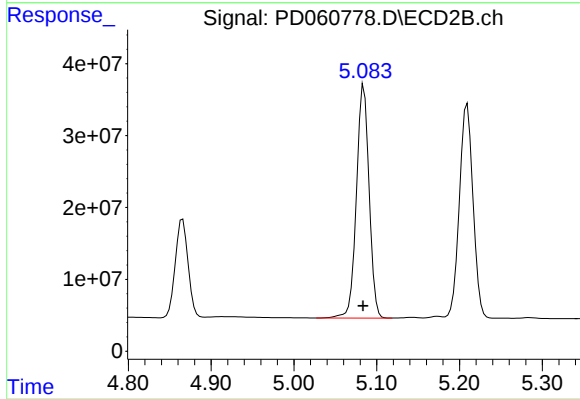
R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 145991961
Conc: 52.57 ng/ml



#7 delta-BHC

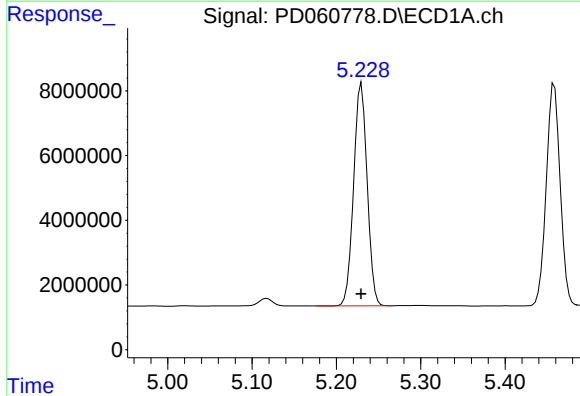
R.T.: 4.684 min
Delta R.T.: 0.000 min
Response: 80769123
Conc: 51.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



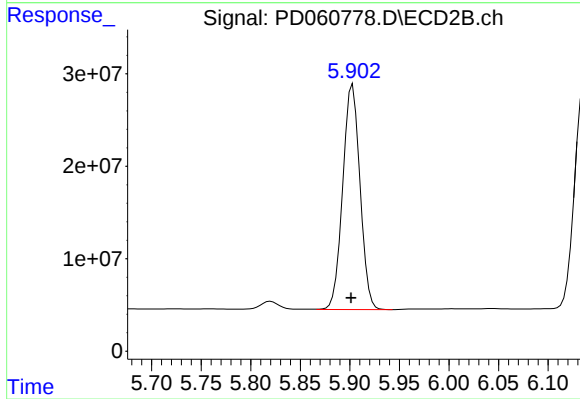
#7 delta-BHC

R.T.: 5.085 min
Delta R.T.: 0.001 min
Response: 344903627
Conc: 54.29 ng/ml



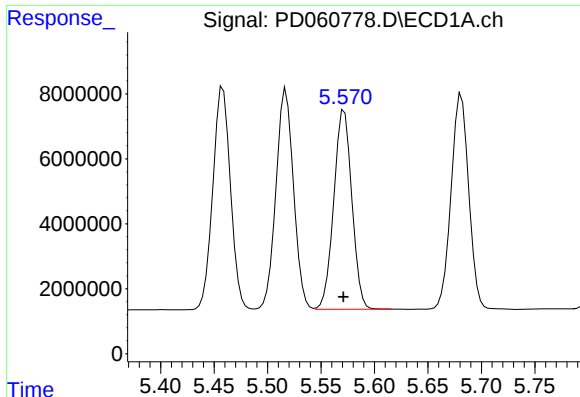
#8 Heptachlor epoxide

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 76610319
Conc: 50.75 ng/ml



#8 Heptachlor epoxide

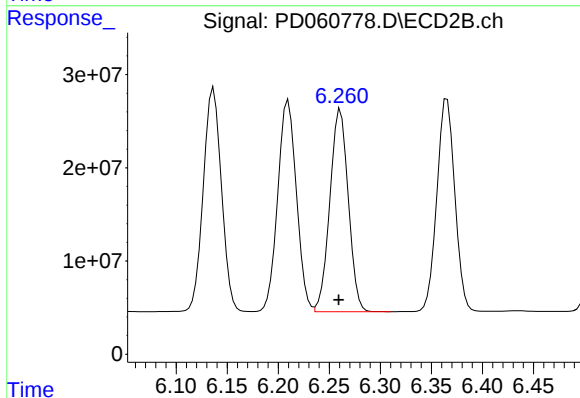
R.T.: 5.903 min
Delta R.T.: 0.001 min
Response: 295124126
Conc: 52.81 ng/ml



#9 Endosulfan I

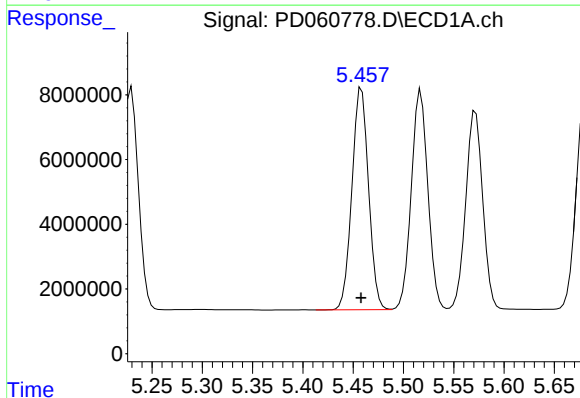
R.T.: 5.572 min
Delta R.T.: 0.000 min
Response: 72234548
Conc: 50.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



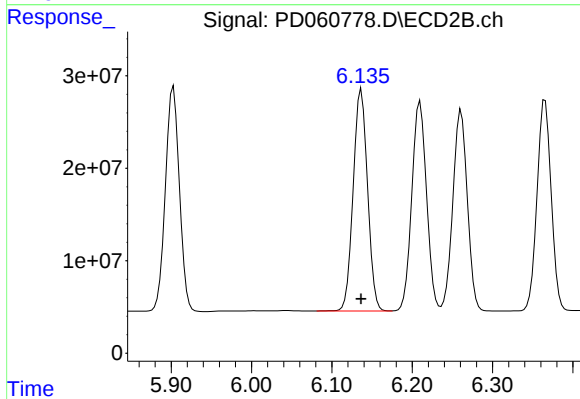
#9 Endosulfan I

R.T.: 6.261 min
Delta R.T.: 0.002 min
Response: 272723819
Conc: 52.25 ng/ml



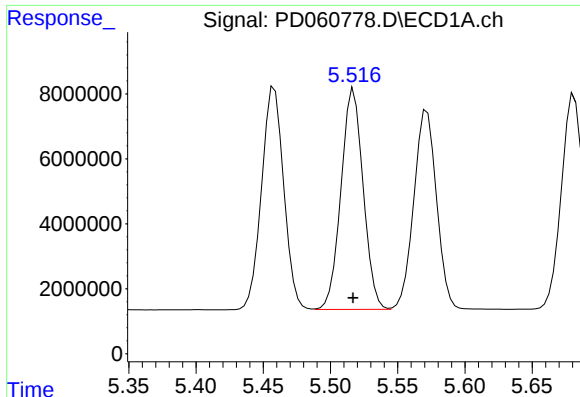
#10 gamma-Chlordane

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 78703779
Conc: 50.91 ng/ml



#10 gamma-Chlordane

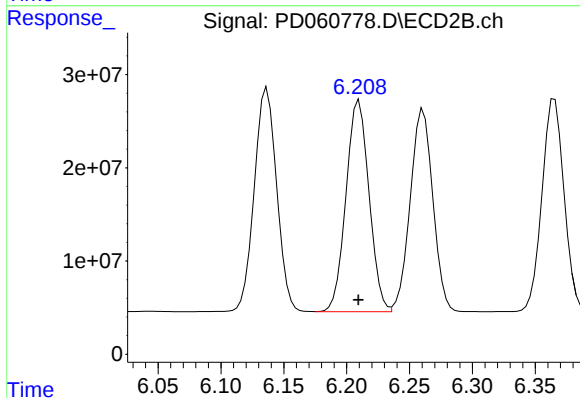
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 297835454
Conc: 51.56 ng/ml



#11 alpha-Chlordane

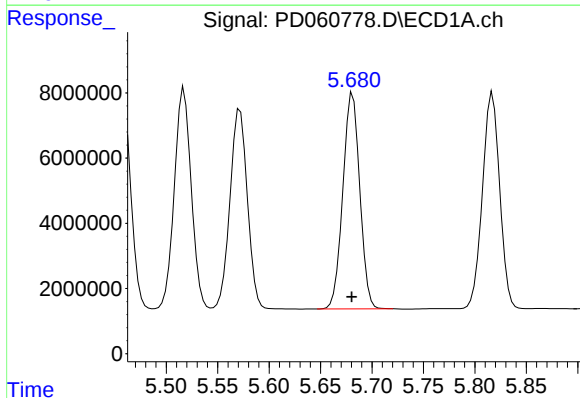
R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 77686101
Conc: 50.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



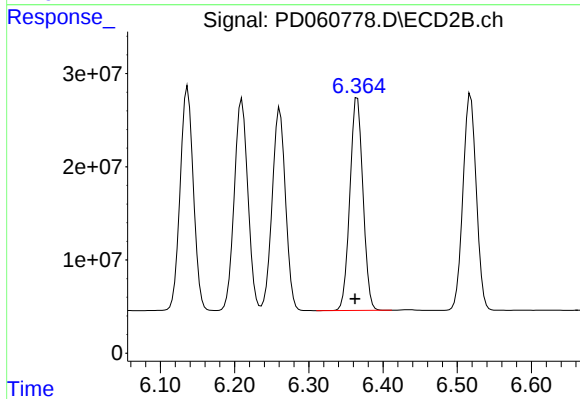
#11 alpha-Chlordane

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 289158240
Conc: 51.52 ng/ml



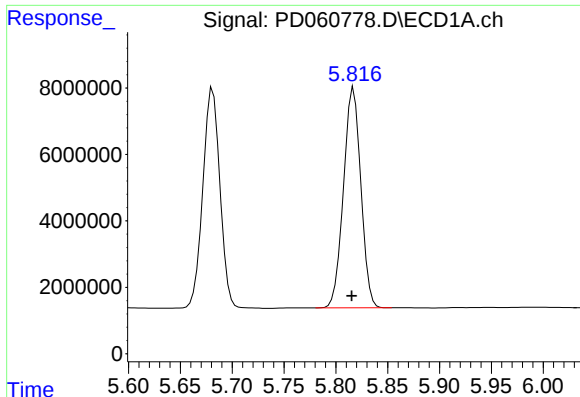
#12 4,4'-DDE

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 75878437
Conc: 50.81 ng/ml



#12 4,4'-DDE

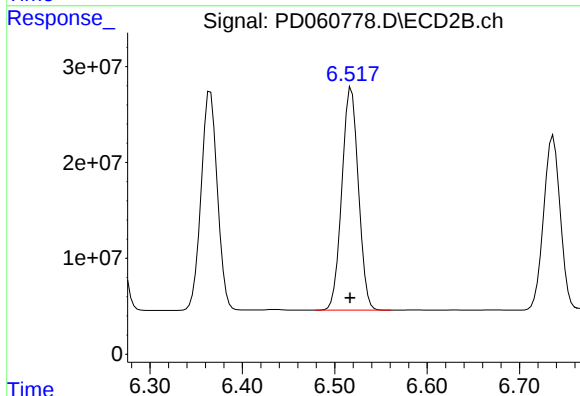
R.T.: 6.365 min
Delta R.T.: 0.003 min
Response: 279055189
Conc: 52.76 ng/ml



#13 Dieldrin

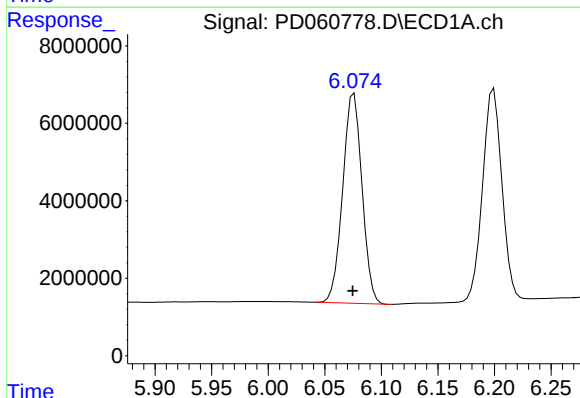
R.T.: 5.817 min
Delta R.T.: 0.002 min
Response: 77185283
Conc: 50.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



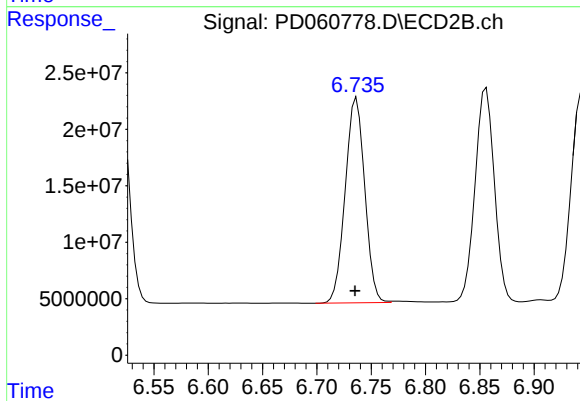
#13 Dieldrin

R.T.: 6.518 min
Delta R.T.: 0.001 min
Response: 289011741
Conc: 51.76 ng/ml



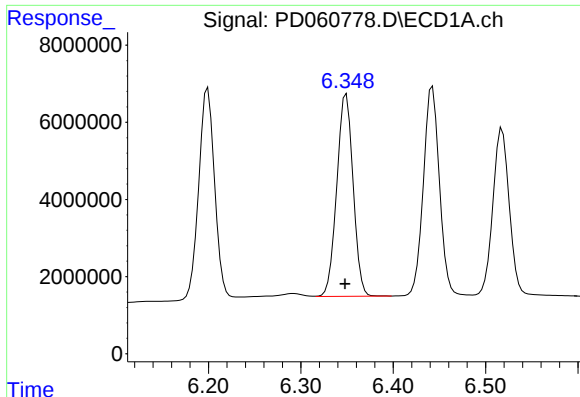
#14 Endrin

R.T.: 6.076 min
Delta R.T.: 0.001 min
Response: 64334689
Conc: 47.64 ng/ml



#14 Endrin

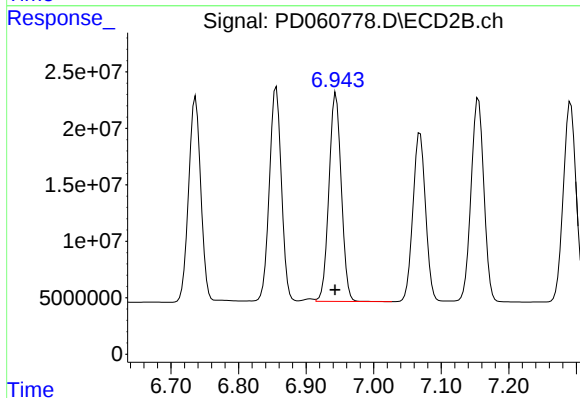
R.T.: 6.737 min
Delta R.T.: 0.001 min
Response: 227180577
Conc: 48.38 ng/ml



#15 Endosulfan II

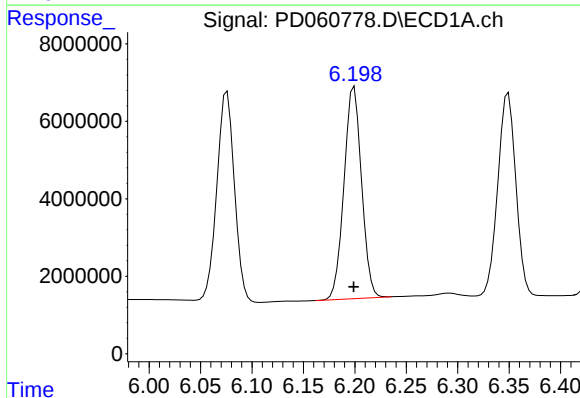
R.T.: 6.349 min
Delta R.T.: 0.002 min
Response: 64213359
Conc: 46.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



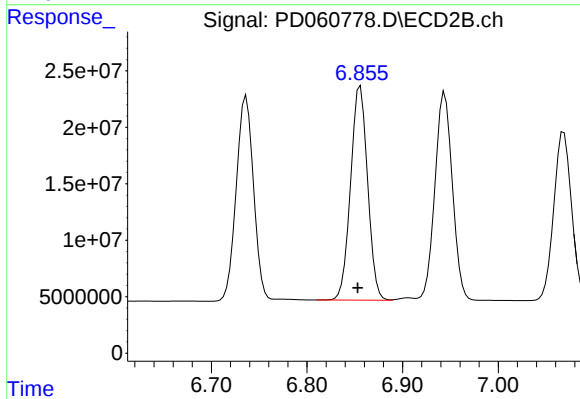
#15 Endosulfan II

R.T.: 6.944 min
Delta R.T.: 0.001 min
Response: 235256296
Conc: 47.32 ng/ml



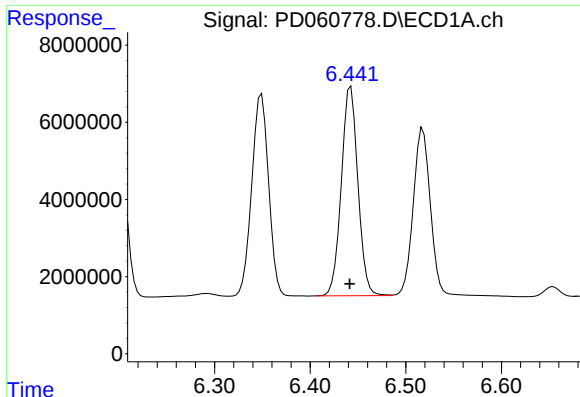
#16 4,4'-DDD

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 65168248
Conc: 52.60 ng/ml



#16 4,4'-DDD

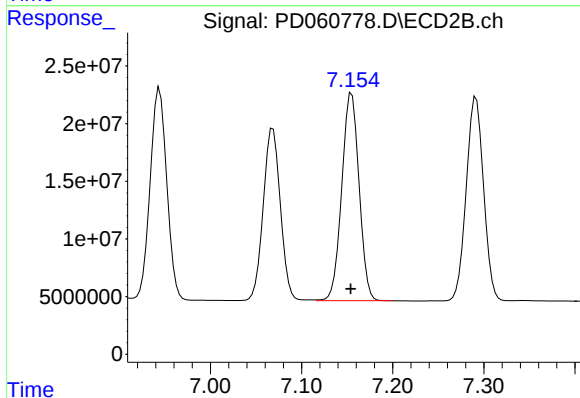
R.T.: 6.856 min
Delta R.T.: 0.003 min
Response: 235206264
Conc: 53.48 ng/ml



#17 4,4'-DDT

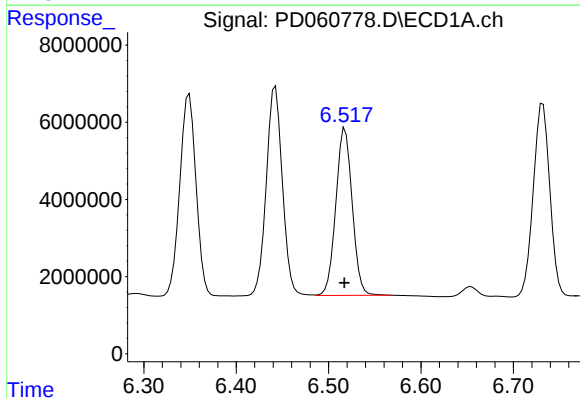
R.T.: 6.442 min
Delta R.T.: 0.001 min
Response: 65488827
Conc: 49.76 ng/ml

Instrument :
ECD_D
ClientSampleId :



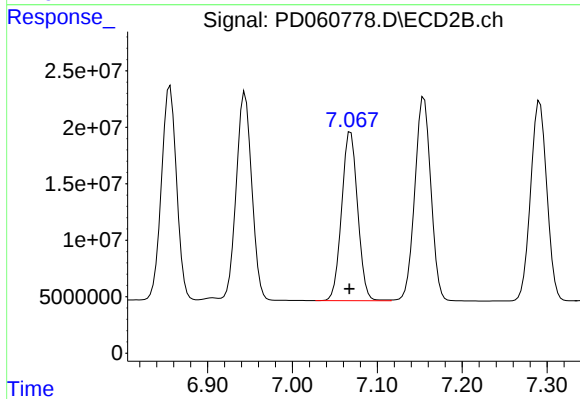
#17 4,4'-DDT

R.T.: 7.155 min
Delta R.T.: 0.000 min
Response: 237556945
Conc: 53.28 ng/ml



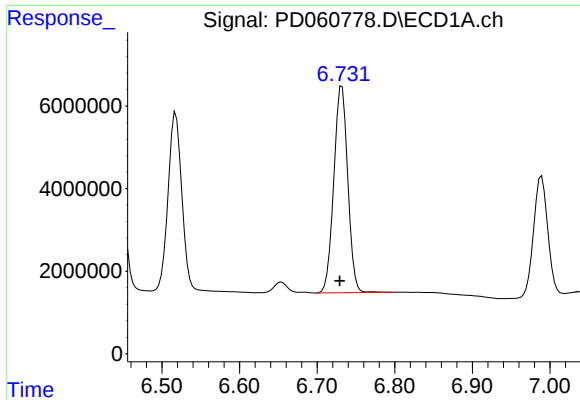
#18 Endrin aldehyde

R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 53396788
Conc: 45.34 ng/ml



#18 Endrin aldehyde

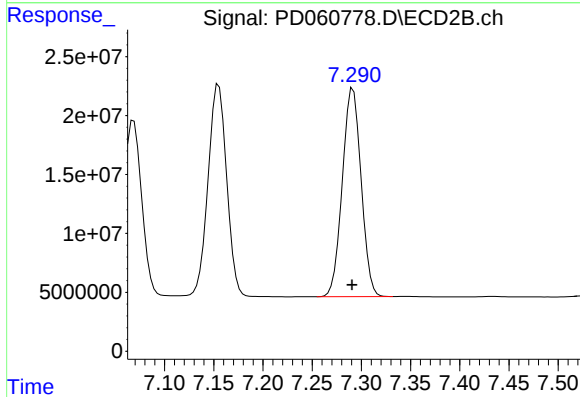
R.T.: 7.069 min
Delta R.T.: 0.002 min
Response: 195555896
Conc: 48.15 ng/ml



#19 Endosulfan Sulfate

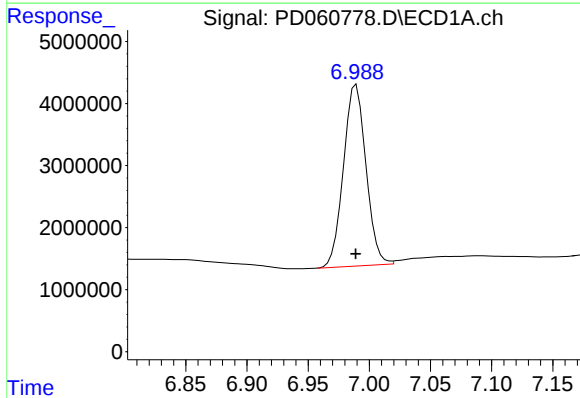
R.T.: 6.732 min
Delta R.T.: 0.003 min
Response: 62665712
Conc: 52.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



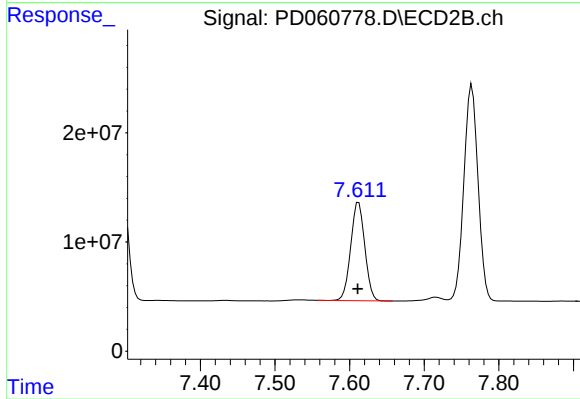
#19 Endosulfan Sulfate

R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 235010662
Conc: 53.07 ng/ml



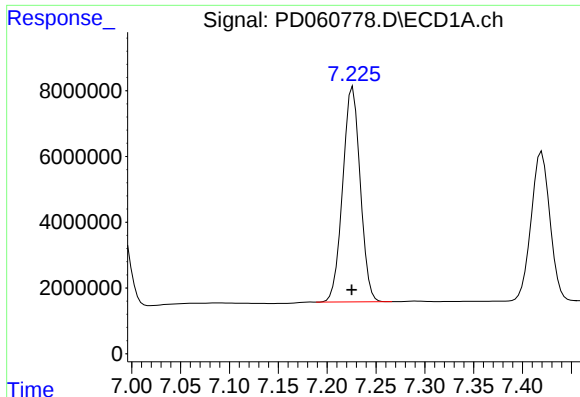
#20 Methoxychlor

R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 37381692
Conc: 48.00 ng/ml



#20 Methoxychlor

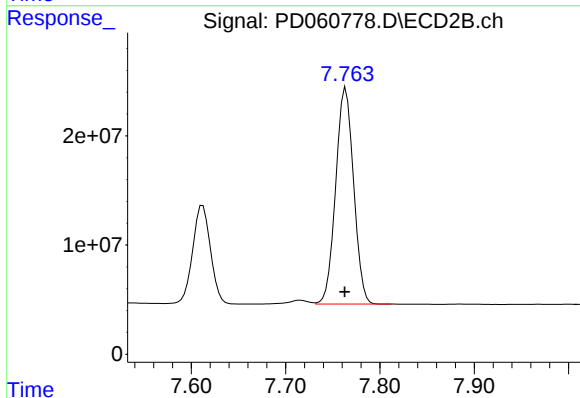
R.T.: 7.612 min
Delta R.T.: 0.001 min
Response: 117906370
Conc: 49.72 ng/ml



#21 Endrin ketone

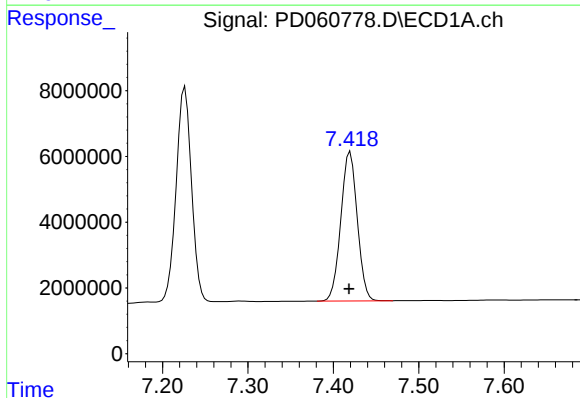
R.T.: 7.226 min
Delta R.T.: 0.001 min
Response: 81636803
Conc: 51.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



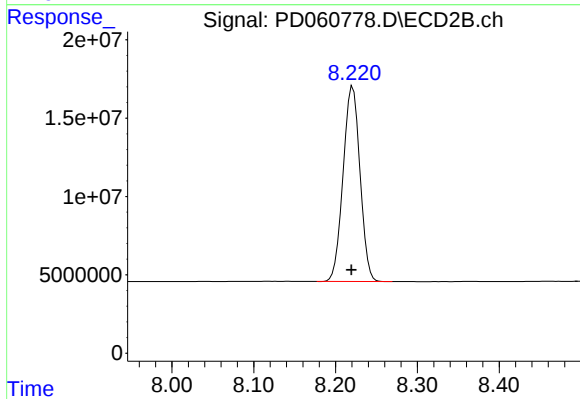
#21 Endrin ketone

R.T.: 7.764 min
Delta R.T.: 0.001 min
Response: 261655284
Conc: 53.40 ng/ml



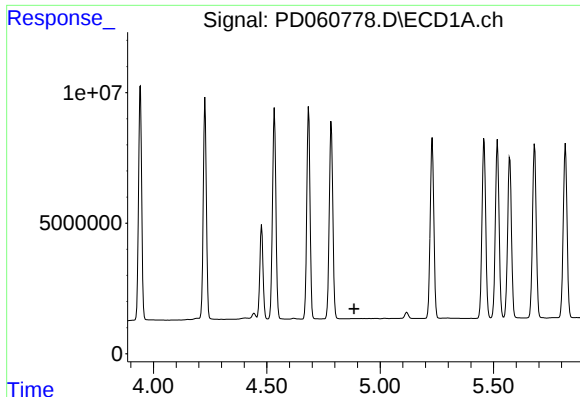
#22 Mirex

R.T.: 7.420 min
Delta R.T.: 0.001 min
Response: 60761547
Conc: 50.09 ng/ml



#22 Mirex

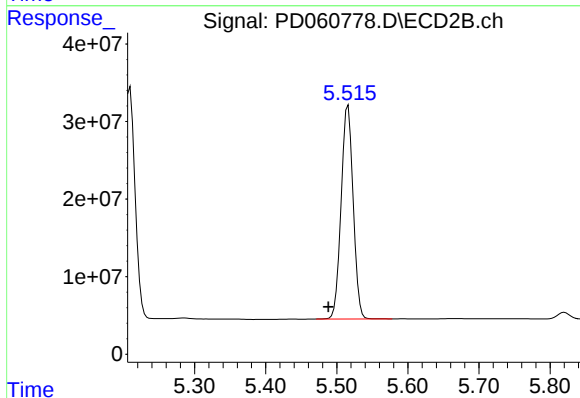
R.T.: 8.221 min
Delta R.T.: 0.002 min
Response: 178342613
Conc: 52.58 ng/ml



#24 Chlordane-2

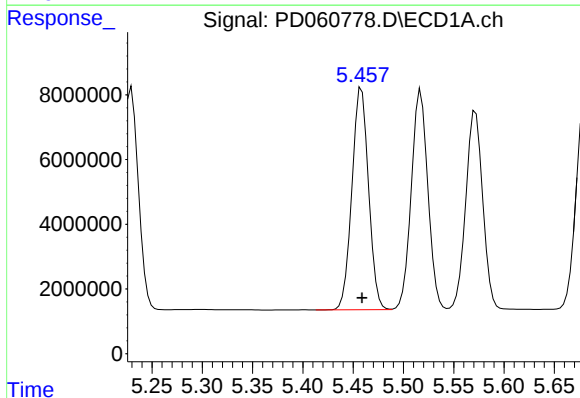
R.T.: 0.000 min
Exp R.T.: 4.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



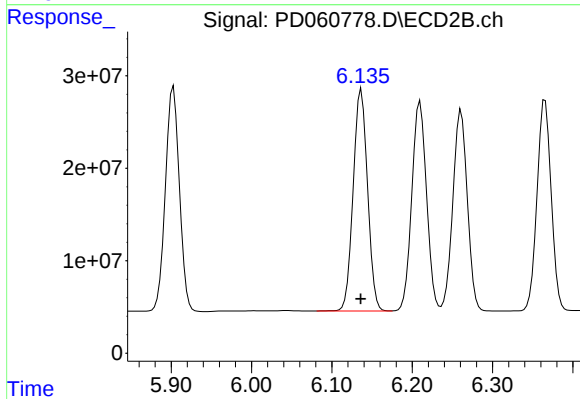
#24 Chlordane-2

R.T.: 5.516 min
Delta R.T.: 0.028 min
Response: 323356051
Conc: 1681.20 ng/ml



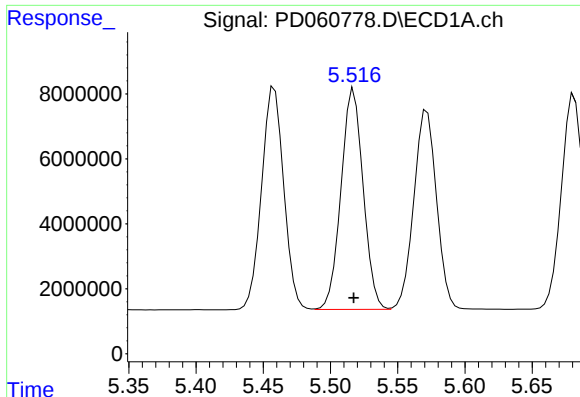
#25 Chlordane-3

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 78703779
Conc: 579.44 ng/ml



#25 Chlordane-3

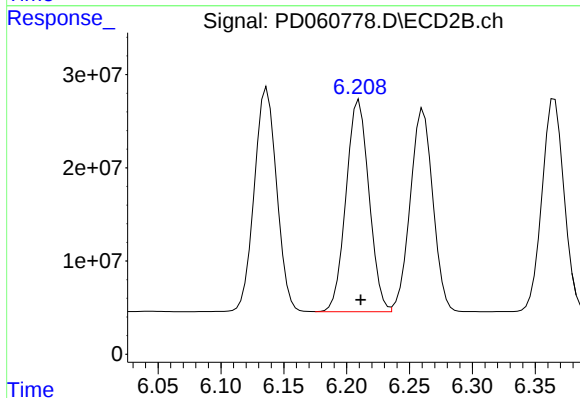
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 297835454
Conc: 419.52 ng/ml



#26 Chlordane-4

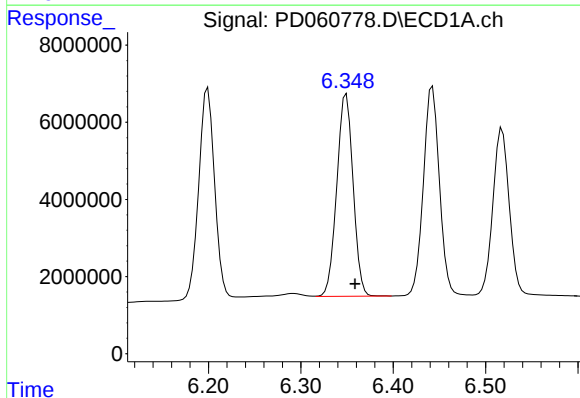
R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 77686101
Conc: 706.93 ng/ml

Instrument :
ECD_D
ClientSampleId :



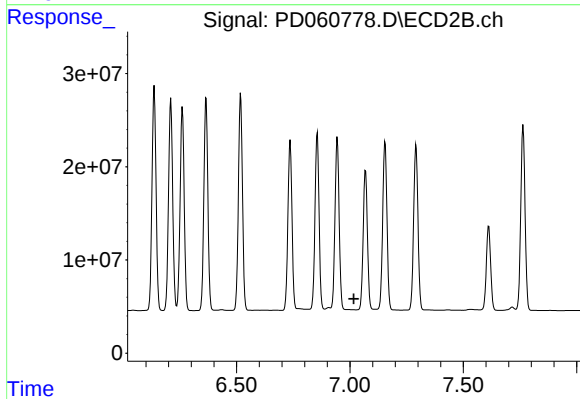
#26 Chlordane-4

R.T.: 6.210 min
Delta R.T.: -0.001 min
Response: 289158240
Conc: 348.95 ng/ml



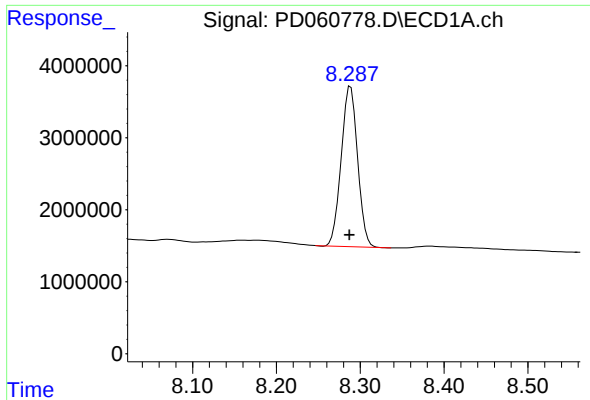
#27 Chlordane-5

R.T.: 6.349 min
Delta R.T.: -0.010 min
Response: 64213359
Conc: 1292.92 ng/ml



#27 Chlordane-5

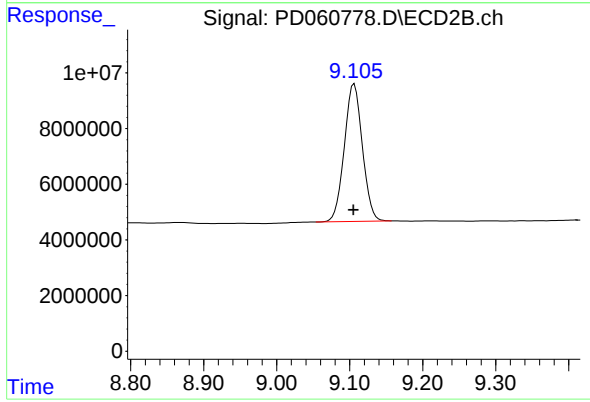
R.T.: 0.000 min
Exp R.T.: 7.017 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.289 min
Delta R.T.: 0.002 min
Response: 30235500
Conc: 21.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.106 min
Delta R.T.: 0.000 min
Response: 84872917
Conc: 22.72 ng/ml