

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD046034.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2023 17:16
 Operator : YP/AJ
 Sample : 03362-16MS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 29 02:15:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.519	8205569	38.077 ug/ml
Spiked Amount 50.000		Recovery =	76.15%
6) S 2-Fluorobiphenyl (SURR)	8.375	4802156	34.697 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	69.39%
11) S ortho-Terphenyl (SURR)	11.413	7524900	29.682 ug/ml
Spiked Amount 50.000		Recovery =	59.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.328	5053814	20.288 ug/ml
2) T Naphthalene (C11.7)	5.856	6252981	24.510 ug/ml
3) T 2-Methylnaphthalene (...)	6.906	6551528	25.988 ug/ml
5) T Acenaphthylene (C15.06)	8.178	6868367	31.623 ug/ml
7) T Acenaphthene (C15.5)	8.474	7035769	29.848 ug/ml
8) T Fluorene (C16.55)	9.253	7314765	32.329 ug/ml
9) T Phenanthrene (C19.36)	10.646	10070826	47.198 ug/ml
10) T Anthracene (C19.43)	10.720	7416353	46.675 ug/ml
12) T Fluoranthene (C21.85)	12.456	12790015	62.496 ug/ml
13) T Pyrene (C20.8)	12.750	11363305	58.442 ug/ml
14) T Benzo[a]anthracene (C...	14.612	8210542	45.653 ug/ml
15) T Chrysene (C27.41)	14.657	8879718	45.241 ug/ml
16) T benzo[b]fluoranthene ...	16.160	9139578	48.730 ug/ml
17) T Bnezo[k]fluoranthene ...	16.191	6327594	31.989 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.534	6773126	38.874 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.892	6132376	32.951 ug/ml
20) T Dibenz[a,h]anthracene...	17.930	5276949	28.702 ug/ml
21) T Benzo[g,h,i]perylene ...	18.145	5571909	29.820 ug/ml

(f)=RT Delta > 1/2 Window

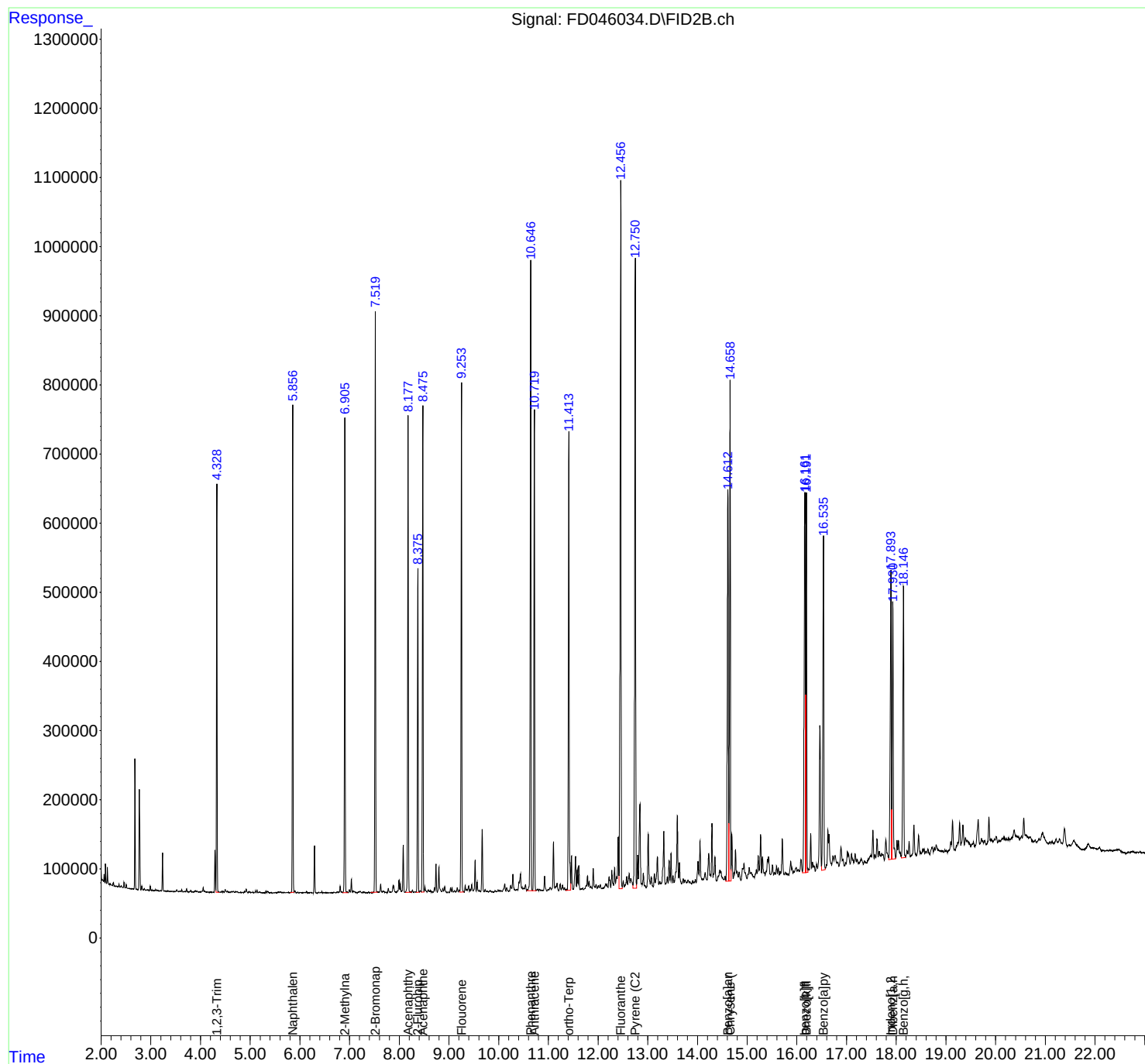
(m)=manual int.

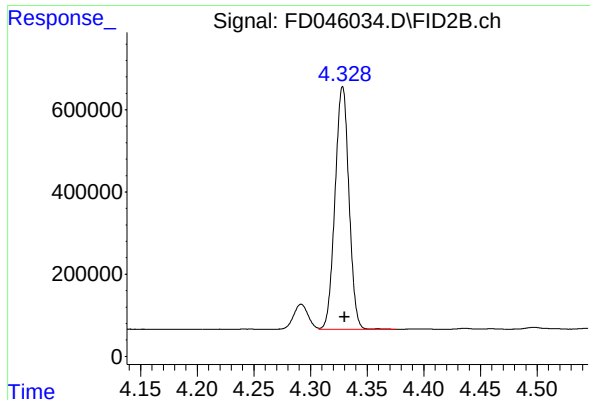
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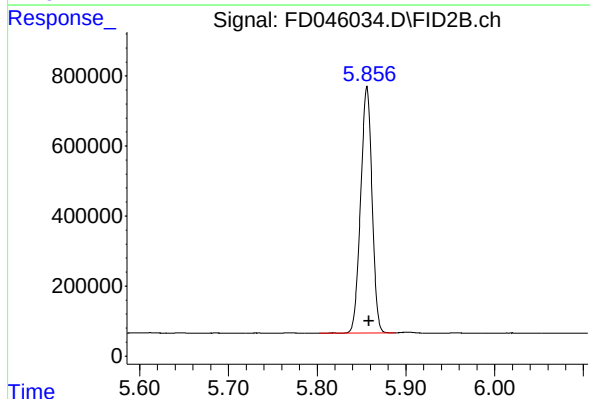




#1 1,2,3-Trimethylbenzene (C10.1)

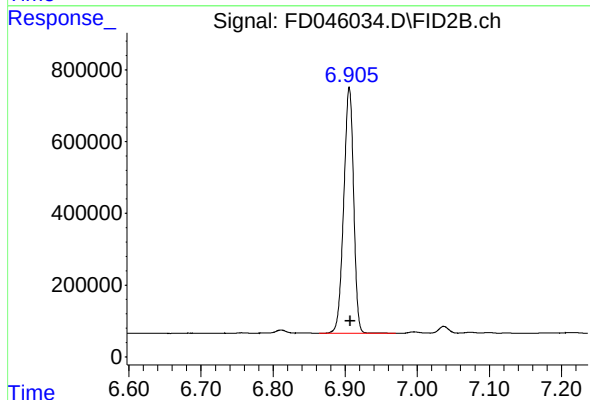
R.T.: 4.328 min
Delta R.T.: -0.002 min
Response: 5053814
Conc: 20.29 ug/ml

Instrument :
FID_D
ClientSampleId :



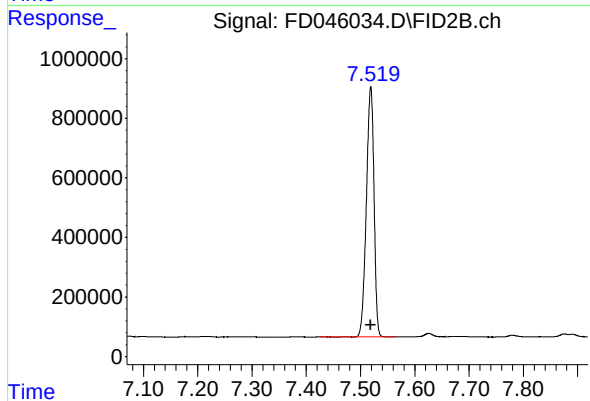
#2 Naphthalene (C11.7)

R.T.: 5.856 min
Delta R.T.: -0.002 min
Response: 6252981
Conc: 24.51 ug/ml



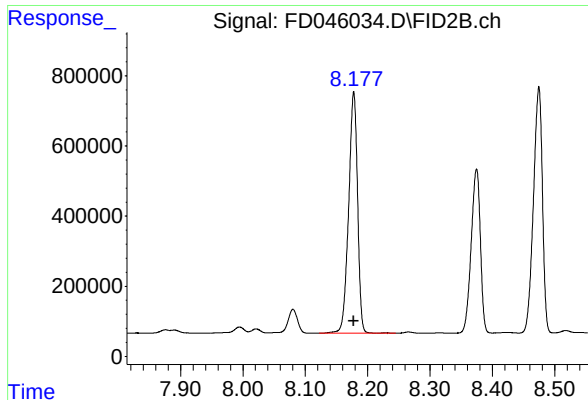
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.906 min
Delta R.T.: -0.002 min
Response: 6551528
Conc: 25.99 ug/ml



#4 2-Bromonaphthalene (SURR)

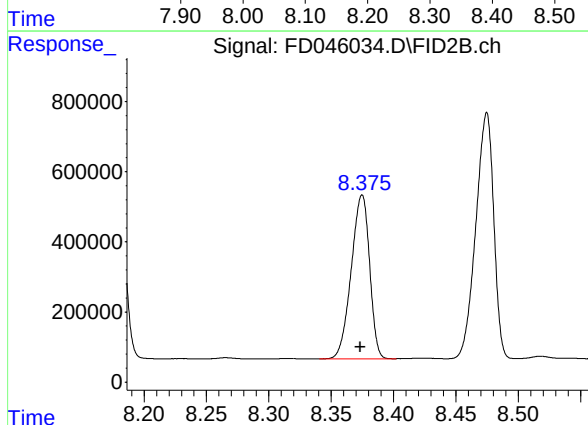
R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 8205569
Conc: 38.08 ug/ml



#5 Acenaphthylene (C15.06)

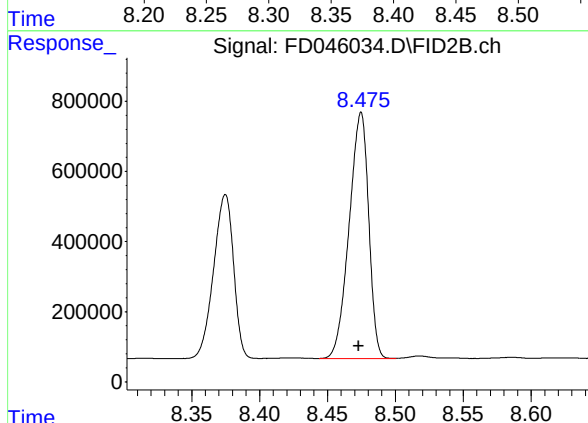
R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 6868367
Conc: 31.62 ug/ml

Instrument :
FID_D
ClientSampleId :



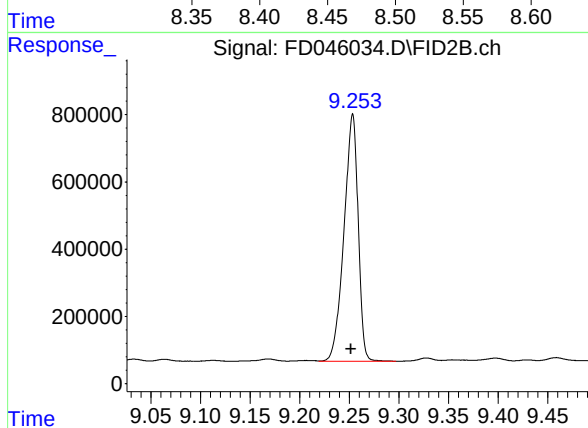
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.375 min
Delta R.T.: 0.000 min
Response: 4802156
Conc: 34.70 ug/ml



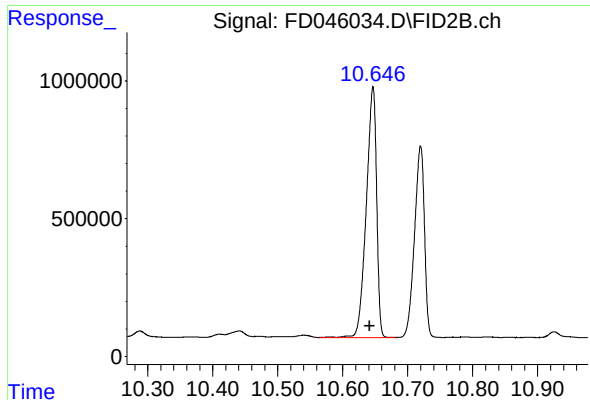
#7 Acenaphthene (C15.5)

R.T.: 8.474 min
Delta R.T.: 0.001 min
Response: 7035769
Conc: 29.85 ug/ml



#8 Flouorene (C16.55)

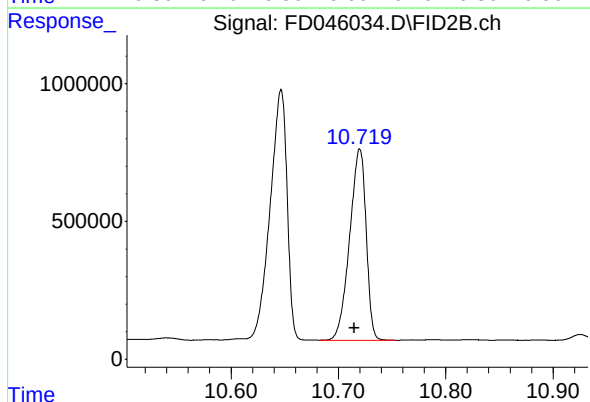
R.T.: 9.253 min
Delta R.T.: 0.001 min
Response: 7314765
Conc: 32.33 ug/ml



#9 Phenanthrene (C19.36)

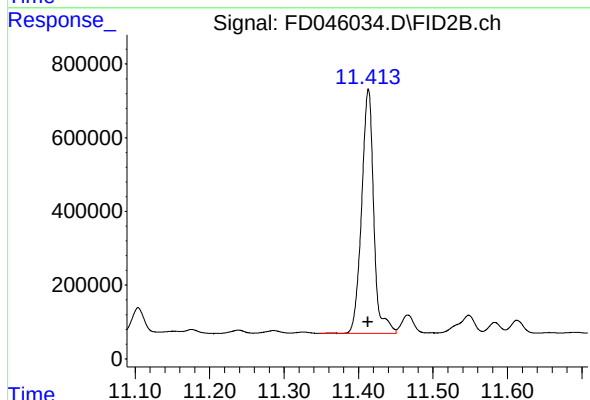
R.T.: 10.646 min
Delta R.T.: 0.005 min
Response: 10070826
Conc: 47.20 ug/ml

Instrument :
FID_D
ClientSampleId :



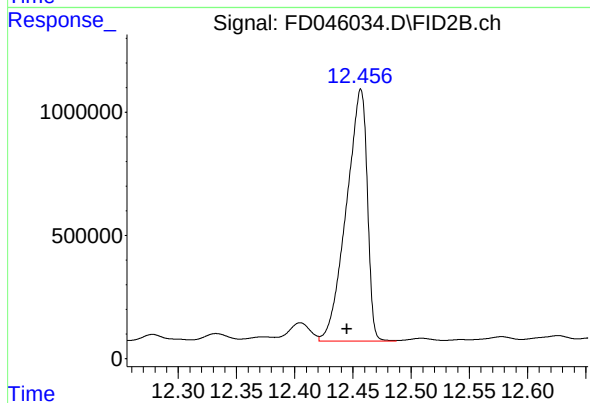
#10 Anthracene (C19.43)

R.T.: 10.720 min
Delta R.T.: 0.005 min
Response: 7416353
Conc: 46.67 ug/ml



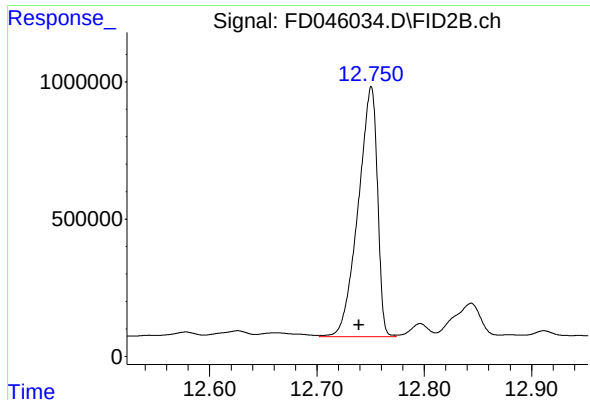
#11 ortho-Terphenyl (SURR)

R.T.: 11.413 min
Delta R.T.: 0.000 min
Response: 7524900
Conc: 29.68 ug/ml



#12 Fluoranthene (C21.85)

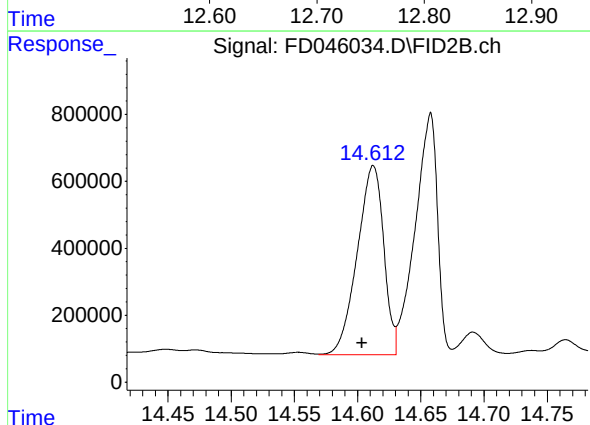
R.T.: 12.456 min
Delta R.T.: 0.011 min
Response: 12790015
Conc: 62.50 ug/ml



#13 Pyrene (C20.8)

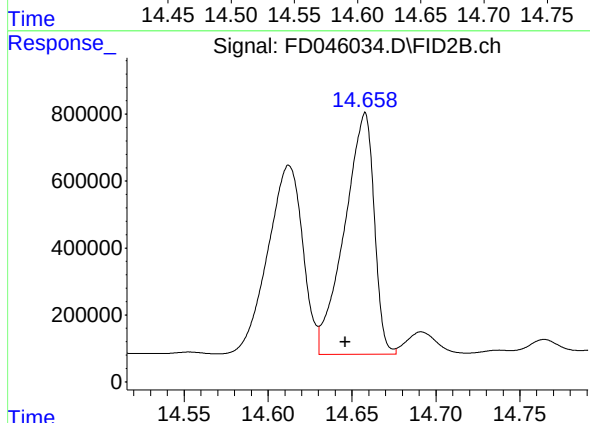
R.T.: 12.750 min
Delta R.T.: 0.011 min
Response: 11363305
Conc: 58.44 ug/ml

Instrument :
FID_D
ClientSampleId :



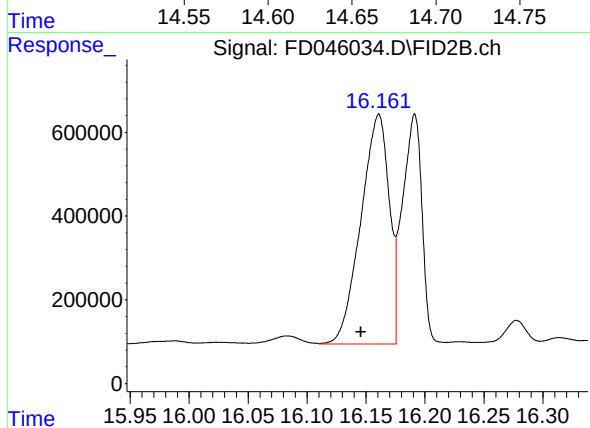
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.612 min
Delta R.T.: 0.009 min
Response: 8210542
Conc: 45.65 ug/ml



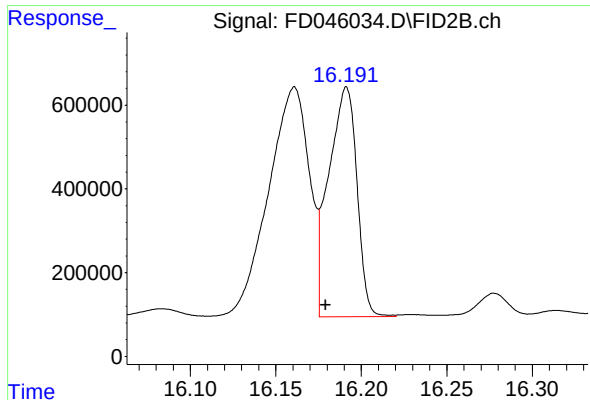
#15 Chrysene (C27.41)

R.T.: 14.657 min
Delta R.T.: 0.011 min
Response: 8879718
Conc: 45.24 ug/ml



#16 benzo[b]fluoranthene (C30.41)

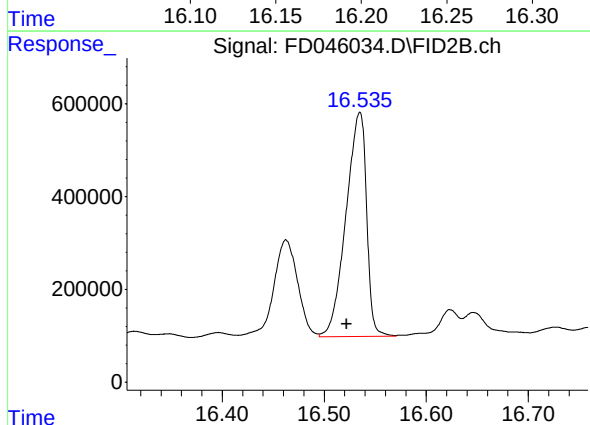
R.T.: 16.160 min
Delta R.T.: 0.015 min
Response: 9139578
Conc: 48.73 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

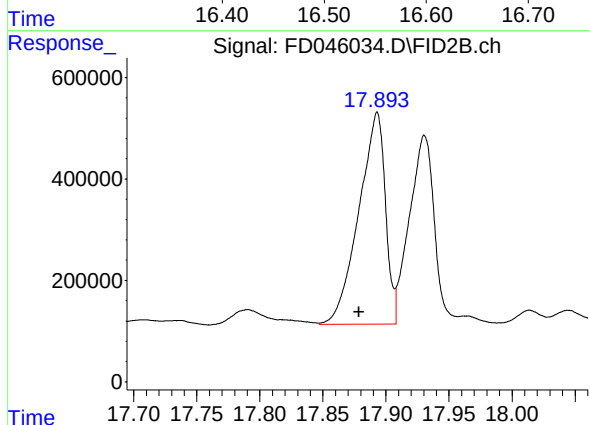
R.T.: 16.191 min
Delta R.T.: 0.012 min
Response: 6327594
Conc: 31.99 ug/ml

Instrument :
FID_D
ClientSampleId :



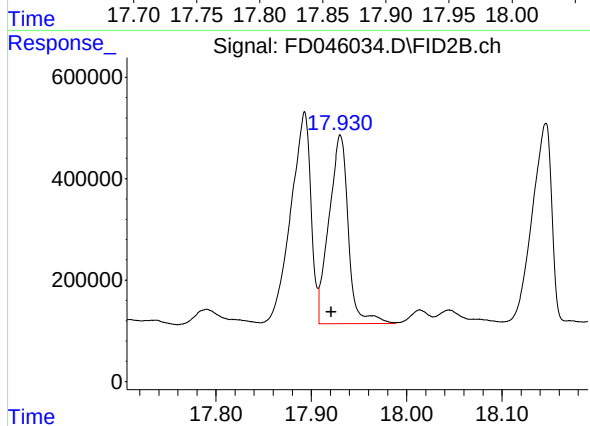
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.534 min
Delta R.T.: 0.012 min
Response: 6773126
Conc: 38.87 ug/ml



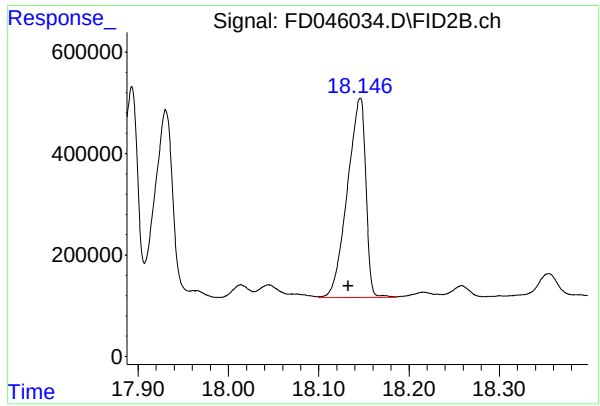
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.892 min
Delta R.T.: 0.014 min
Response: 6132376
Conc: 32.95 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.930 min
Delta R.T.: 0.009 min
Response: 5276949
Conc: 28.70 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.145 min
Delta R.T.: 0.013 min
Response: 5571909
Conc: 29.82 ug/ml

Instrument :

FID_D

ClientSampleId :