

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082924AR\
 Data File : FD048245.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2024 23:28
 Operator : YP/AJ
 Sample : P3751-05
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 30 03:00:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 16:16:10 2024
 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...	7.398	7756946	51.969 ug/ml
Spiked Amount 50.000		Recovery =	103.94%
6) S 2-Fluorobiphenyl (SURR)	8.248	4902971	51.223 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.45%
11) S ortho-Terphenyl (SURR)	11.285	6617527	39.286 ug/ml
Spiked Amount 50.000		Recovery =	78.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.222	13565	0.080 ug/ml
2) T Naphthalene (C11.7)	5.738	859318	4.931 ug/ml
3) T 2-Methylnaphthalene (...)	6.787	311696	1.792 ug/ml
5) T Acenaphthylene (C15.06)	8.051	227902	1.324 ug/ml
7) T Acenaphthene (C15.5)	8.311	157084	0.907 ug/ml
8) T Flouorene (C16.55)	9.137	172318	1.045 ug/ml
9) T Phenanthrene (C19.36)	10.511	353368	2.208 ug/ml
10) T Anthracene (C19.43)	10.594	72519	0.462 ug/ml
12) T Fluoranthene (C21.85)	12.319	505915	3.178 ug/ml
13) T Pyrene (C20.8)	12.621	1446344	9.216 ug/ml
14) T Benzo[a]anthracene (C...	14.483	79723	0.566 ug/ml
15) T Chrysene (C27.41)	14.521	506976	3.181 ug/ml
16) T benzo[b]fluoranthene ...	16.043	654275	4.407 ug/ml
17) T Bnezo[k]fluoranthene ...	16.043	654275	4.410 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.418	80809	0.549 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.747	536182	4.386 ug/ml
20) T Dibenz[a,h]anthracene...	17.836	236713	1.550 ug/ml
21) T Benzo[g,h,i]perylene ...	17.999	2504750	16.587 ug/ml

(f)=RT Delta > 1/2 Window

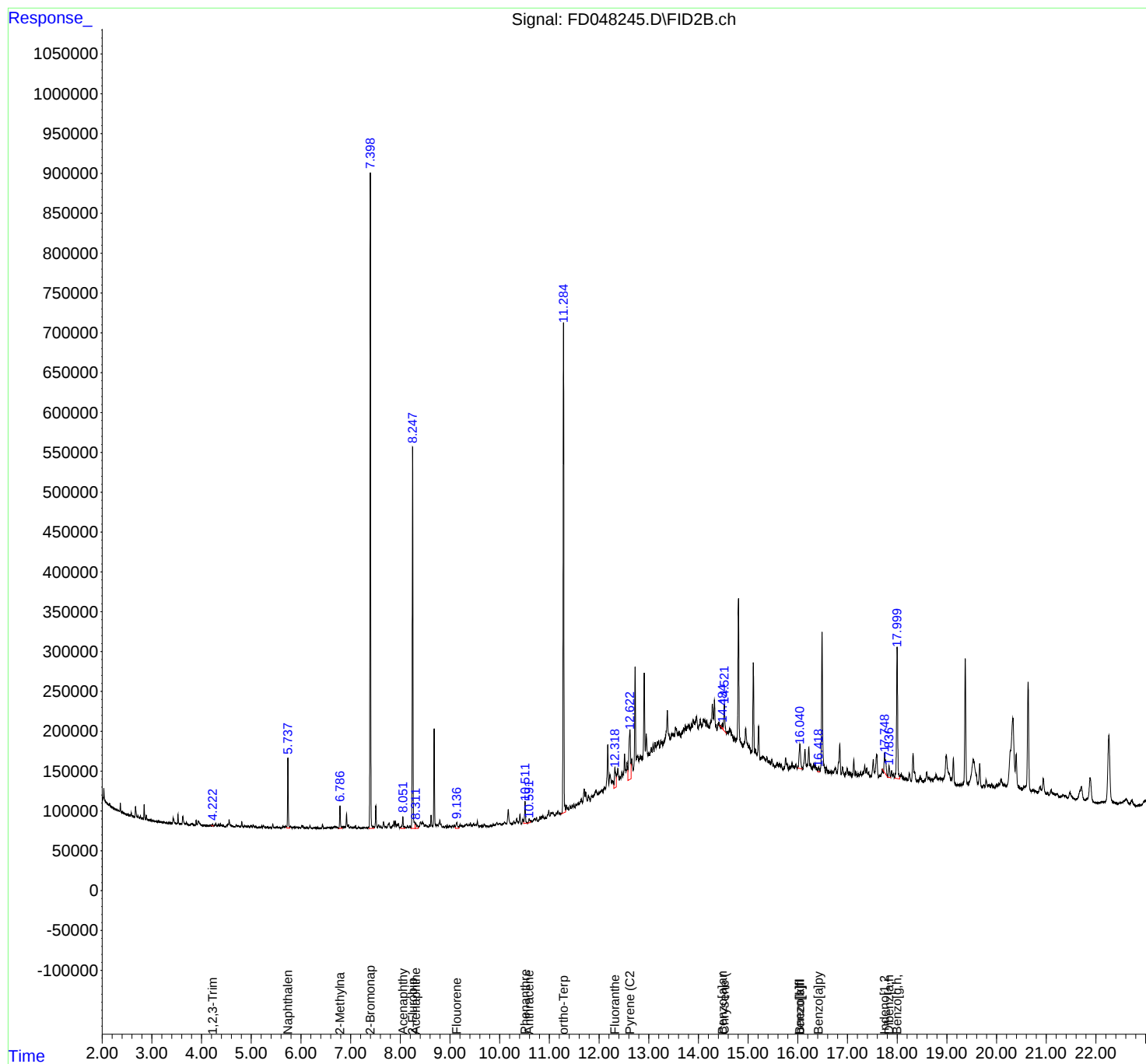
(m)=manual int.

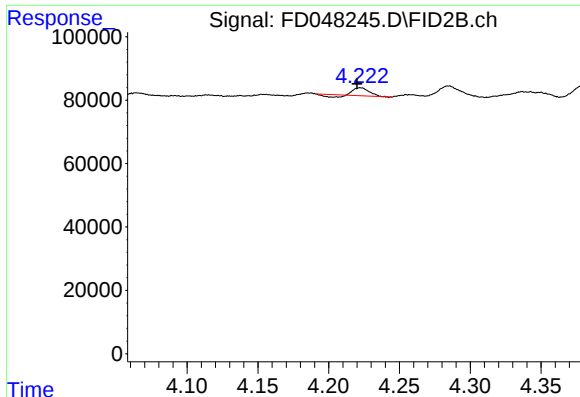
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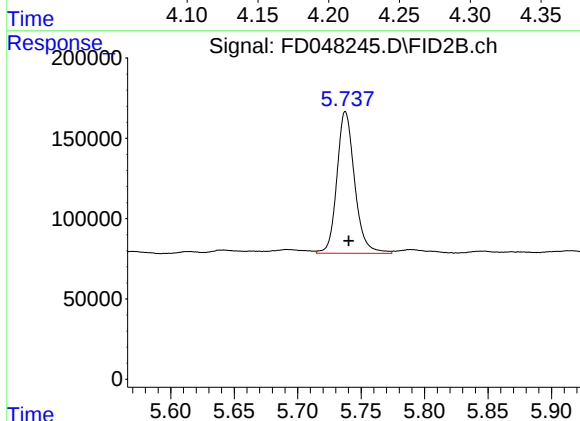




#1 1,2,3-Trimethylbenzene (C10.1)

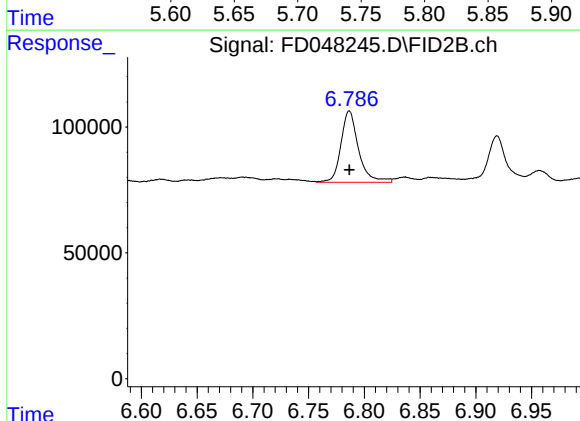
R.T.: 4.222 min
Delta R.T.: 0.002 min
Response: 13565
Conc: 0.08 ug/ml

Instrument :
FID_D
ClientSampleId :



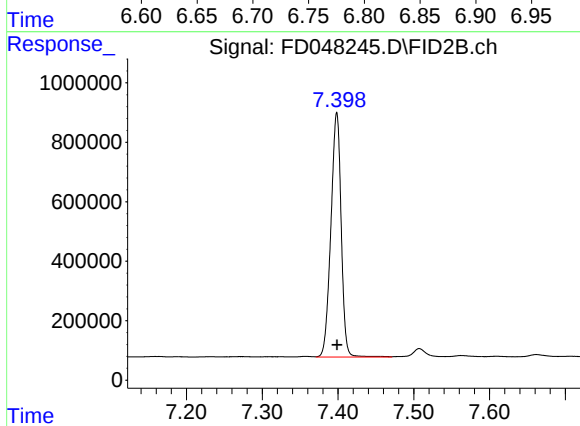
#2 Naphthalene (C11.7)

R.T.: 5.738 min
Delta R.T.: -0.002 min
Response: 859318
Conc: 4.93 ug/ml



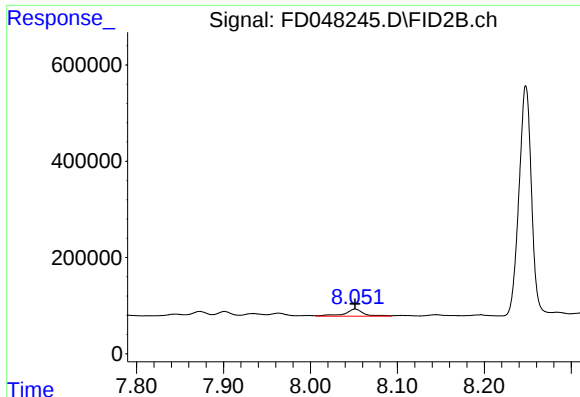
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 311696
Conc: 1.79 ug/ml



#4 2-Bromonaphthalene (SURR)

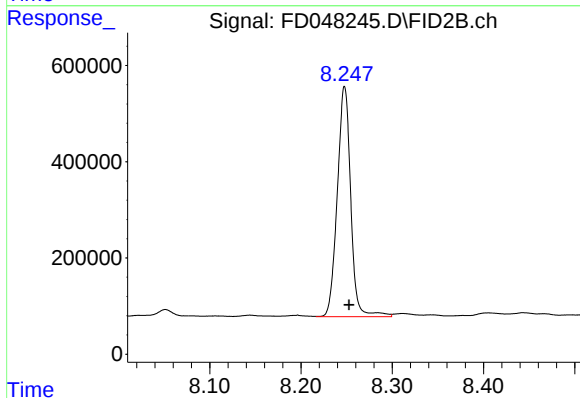
R.T.: 7.398 min
Delta R.T.: 0.000 min
Response: 7756946
Conc: 51.97 ug/ml



#5 Acenaphthylene (C15.06)

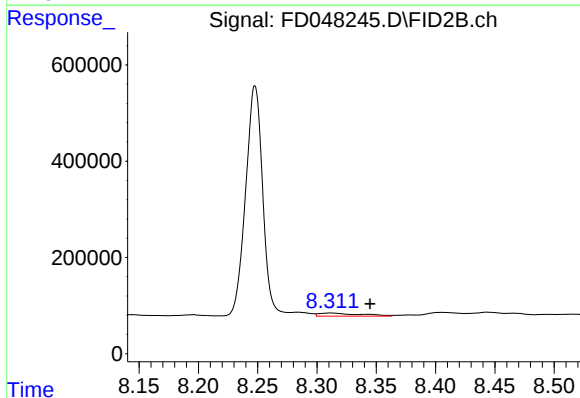
R.T.: 8.051 min
Delta R.T.: 0.000 min
Response: 227902
Conc: 1.32 ug/ml

Instrument :
FID_D
ClientSampleId :



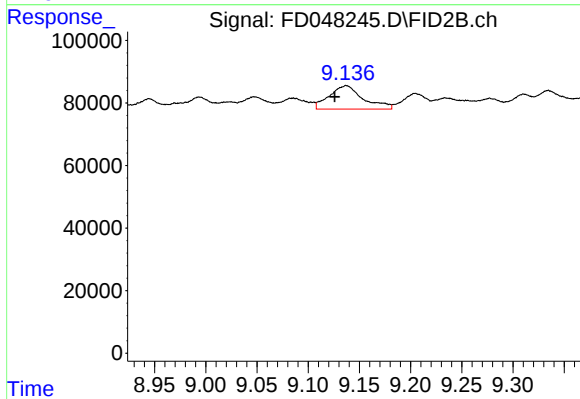
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.248 min
Delta R.T.: -0.005 min
Response: 4902971
Conc: 51.22 ug/ml



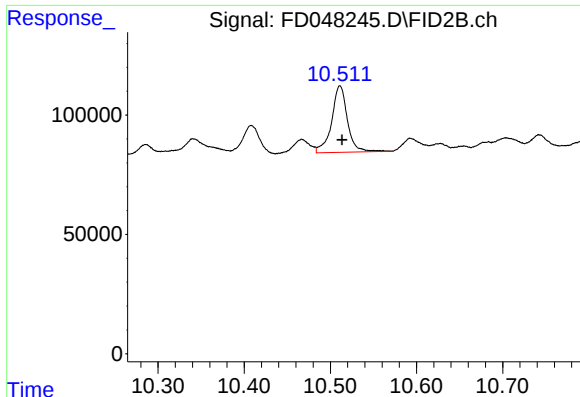
#7 Acenaphthene (C15.5)

R.T.: 8.311 min
Delta R.T.: -0.033 min
Response: 157084
Conc: 0.91 ug/ml



#8 Flouorene (C16.55)

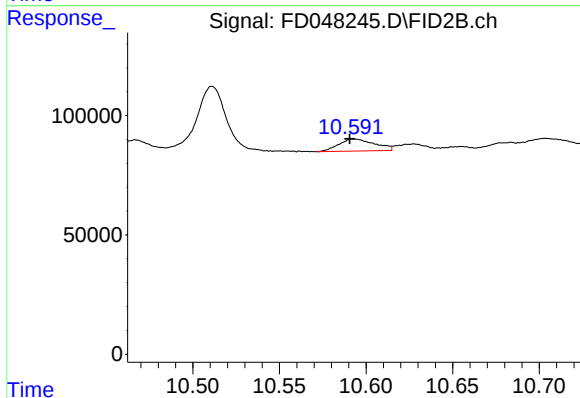
R.T.: 9.137 min
Delta R.T.: 0.011 min
Response: 172318
Conc: 1.04 ug/ml



#9 Phenanthrene (C19.36)

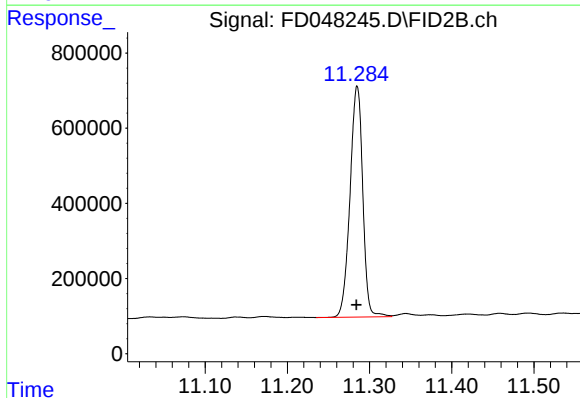
R.T.: 10.511 min
Delta R.T.: -0.003 min
Response: 353368
Conc: 2.21 ug/ml

Instrument :
FID_D
ClientSampleId :



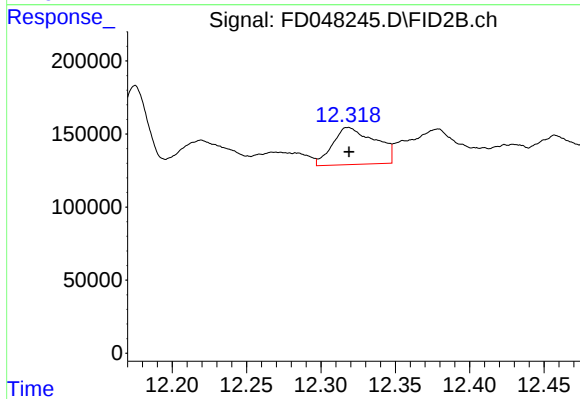
#10 Anthracene (C19.43)

R.T.: 10.594 min
Delta R.T.: 0.003 min
Response: 72519
Conc: 0.46 ug/ml



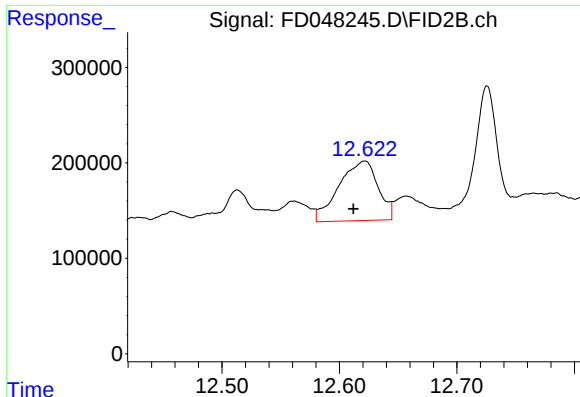
#11 ortho-Terphenyl (SURR)

R.T.: 11.285 min
Delta R.T.: 0.000 min
Response: 6617527
Conc: 39.29 ug/ml



#12 Fluoranthene (C21.85)

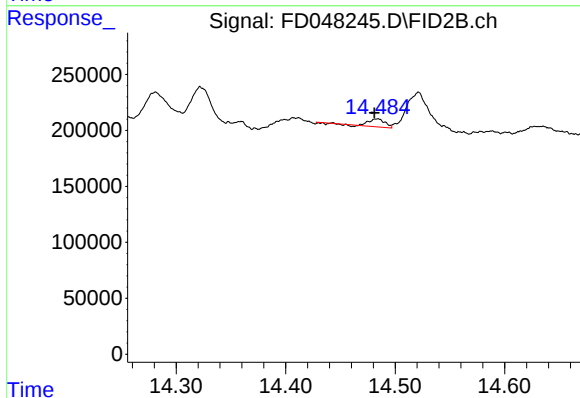
R.T.: 12.319 min
Delta R.T.: 0.000 min
Response: 505915
Conc: 3.18 ug/ml



#13 Pyrene (C20.8)

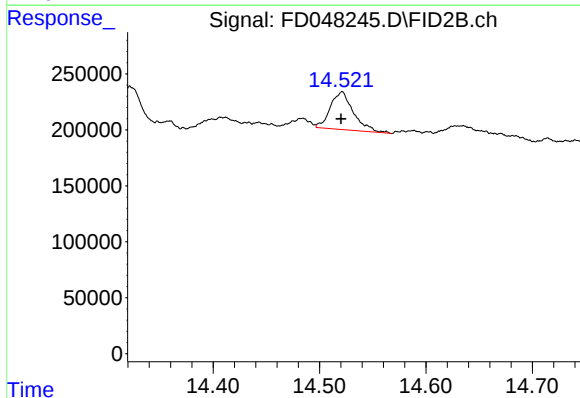
R.T.: 12.621 min
Delta R.T.: 0.009 min
Response: 1446344
Conc: 9.22 ug/ml

Instrument :
FID_D
ClientSampleId :



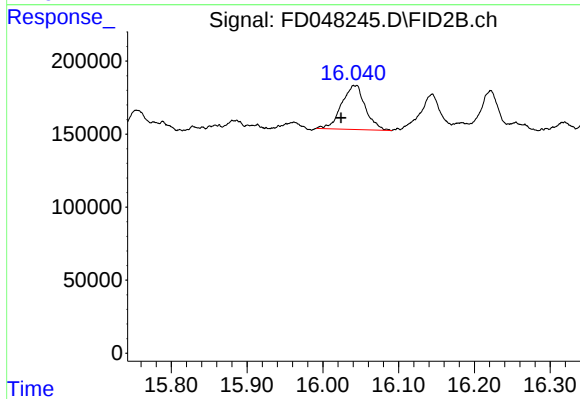
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.483 min
Delta R.T.: 0.003 min
Response: 79723
Conc: 0.57 ug/ml



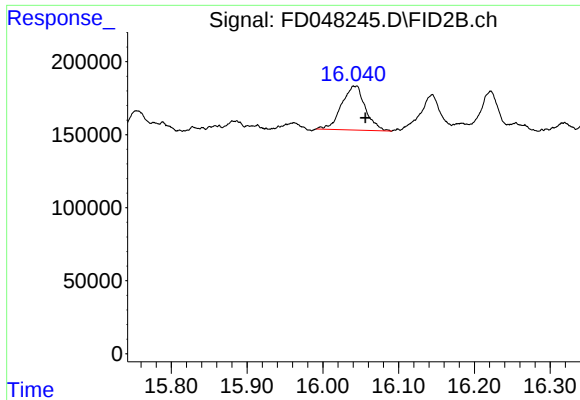
#15 Chrysene (C27.41)

R.T.: 14.521 min
Delta R.T.: 0.000 min
Response: 506976
Conc: 3.18 ug/ml



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

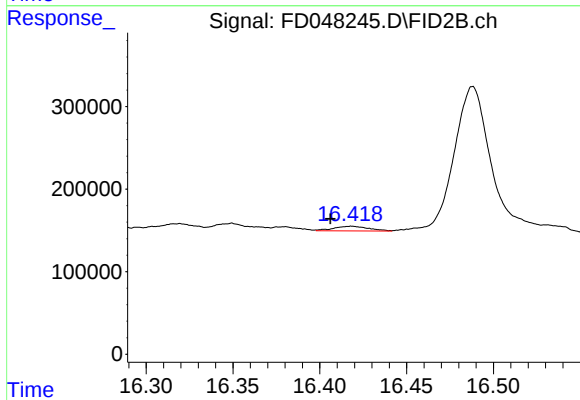
R.T.: 16.043 min
Delta R.T.: 0.018 min
Response: 654275
Conc: 4.41 ug/ml



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

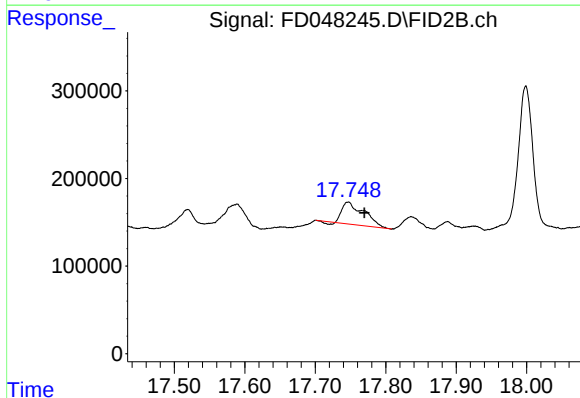
R.T.: 16.043 min
Delta R.T.: -0.014 min
Response: 654275
Conc: 4.41 ug/ml

Instrument :
FID_D
ClientSampleId :



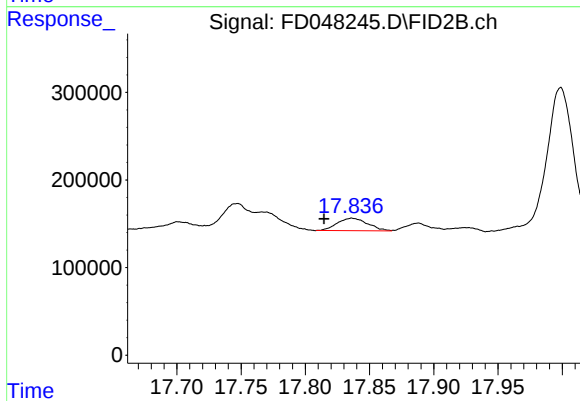
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.418 min
Delta R.T.: 0.012 min
Response: 80809
Conc: 0.55 ug/ml



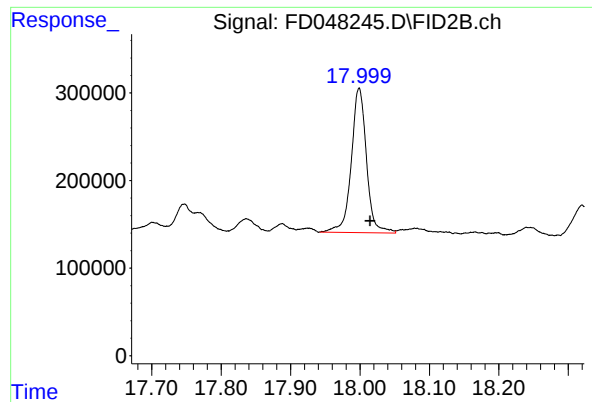
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.747 min
Delta R.T.: -0.023 min
Response: 536182
Conc: 4.39 ug/ml



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

R.T.: 17.836 min
Delta R.T.: 0.022 min
Response: 236713
Conc: 1.55 ug/ml



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

R.T.: 17.999 min
Delta R.T.: -0.016 min
Response: 2504750
Conc: 16.59 ug/ml

Instrument :
FID_D
ClientSampleId :