

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091323AR\
 Data File : FD046470.D
 Signal(s) : FID2B.ch
 Acq On : 13 Sep 2023 17:55
 Operator : YP/AJ
 Sample : 04392-01
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 02:59:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 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...	7.499	26768366	158.500 ug/ml
Spiked Amount 50.000		Recovery =	317.00%
6) S 2-Fluorobiphenyl (SURR)	8.340	175105141	1573.414 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	3146.83%#
11) S ortho-Terphenyl (SURR)	11.354	124504967	634.815 ug/ml
Spiked Amount 50.000		Recovery =	1269.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.314	25753736	146.559 ug/ml
2) T Naphthalene (C11.7)	5.833	45561789	247.205 ug/ml
3) T 2-Methylnaphthalene (...)	6.860	45973870	247.606 ug/ml
5) T Acenaphthylene (C15.06)	8.132	619883459	3642.561 ug/ml
7) T Acenaphthene (C15.5)	8.476	48136939	267.191 ug/ml
8) T Fluorene (C16.55)	9.257	246256640	1408.035 ug/ml
9) T Phenanthrene (C19.36)	10.583	105839216	616.866 ug/ml
10) T Anthracene (C19.43)	10.726	208200318	1234.177 ug/ml
12) T Fluoranthene (C21.85)	12.432	60982834	366.550 ug/ml
13) T Pyrene (C20.8)	12.737	22396545	138.959 ug/ml
14) T Benzo[a]anthracene (C...	14.598	2559093	18.190 ug/ml
15) T Chrysene (C27.41)	14.629	2106685	14.202 ug/ml
16) T benzo[b]fluoranthene ...	16.155	364884	2.685 ug/ml
17) T Bnezo[k]fluoranthene ...	16.155	364884	2.690 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.883	88687	0.711 ug/ml
20) T Dibenz[a,h]anthracene...	17.883	88687	0.708 ug/ml

(f)=RT Delta > 1/2 Window

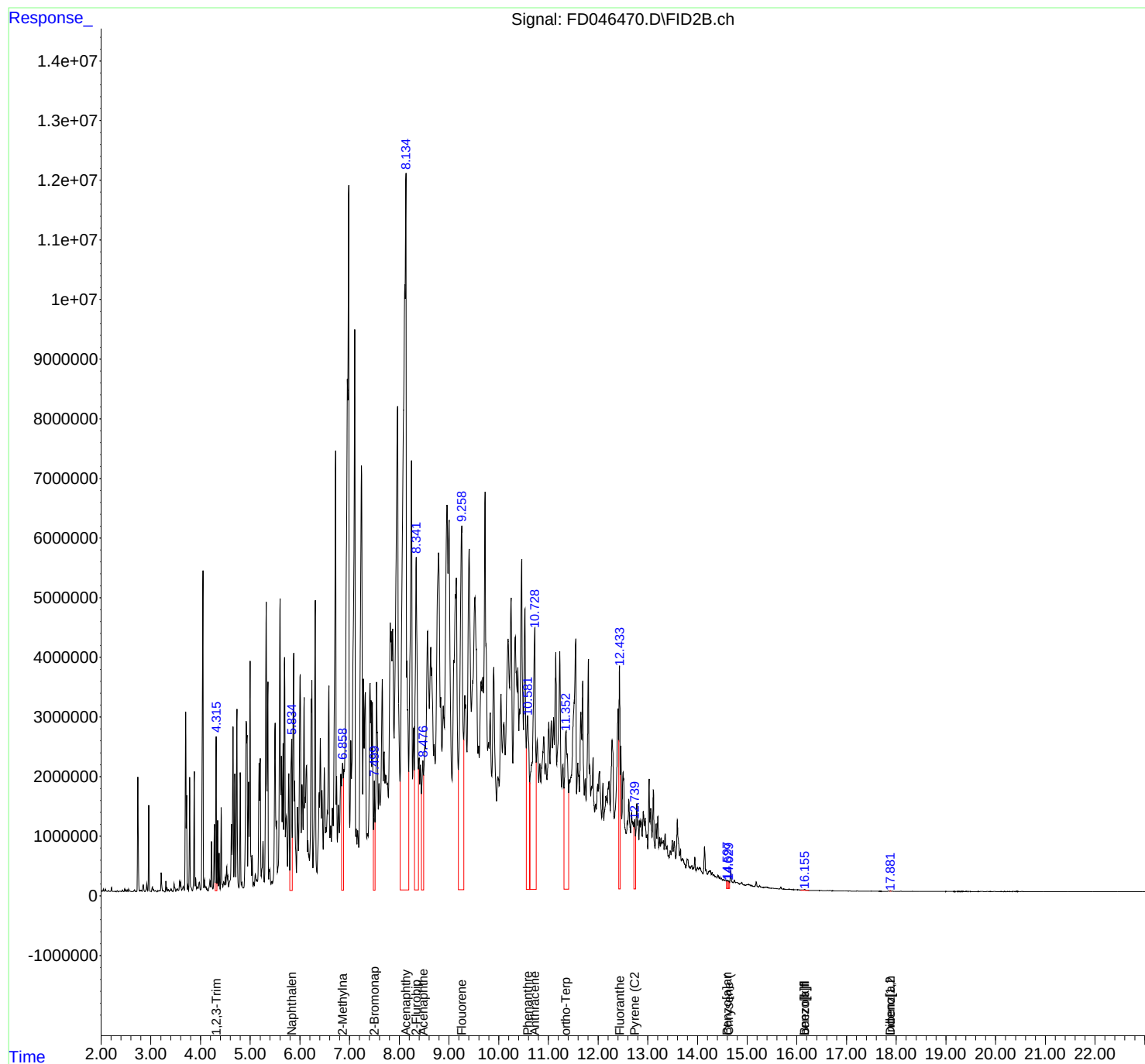
(m)=manual int.

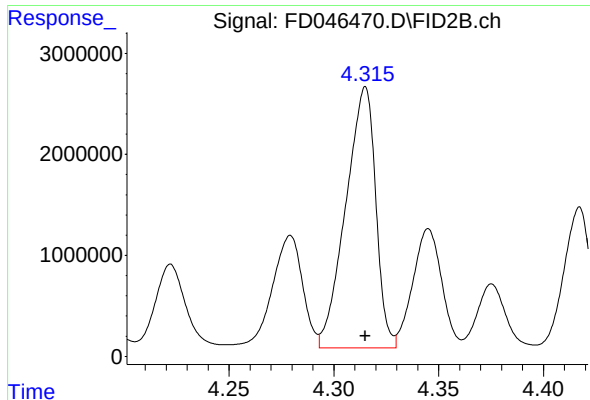
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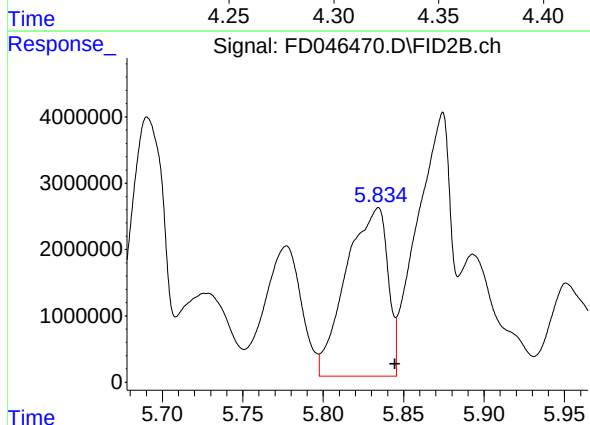




#1 1,2,3-Trimethylbenzene (C10.1)

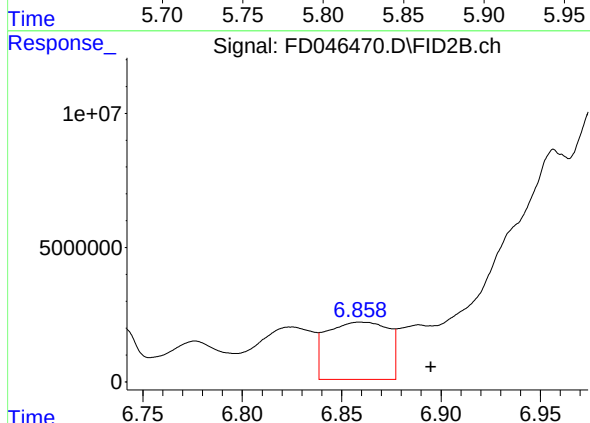
R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 25753736
Conc: 146.56 ug/ml

Instrument :
FID_D
ClientSampleId :



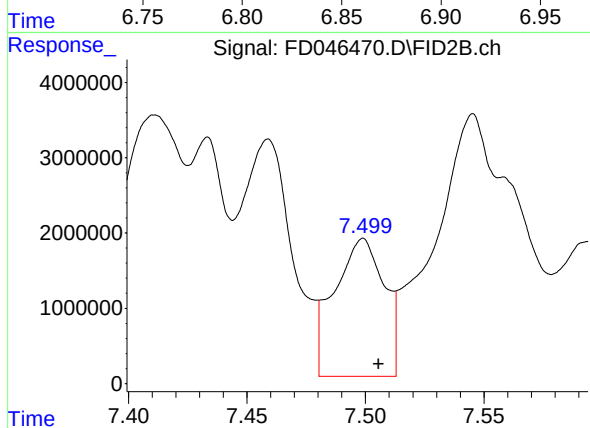
#2 Naphthalene (C11.7)

R.T.: 5.833 min
Delta R.T.: -0.012 min
Response: 45561789
Conc: 247.21 ug/ml



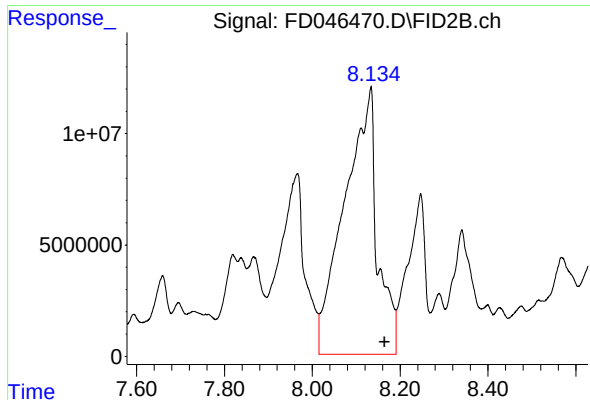
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.860 min
Delta R.T.: -0.035 min
Response: 45973870
Conc: 247.61 ug/ml



#4 2-Bromonaphthalene (SURR)

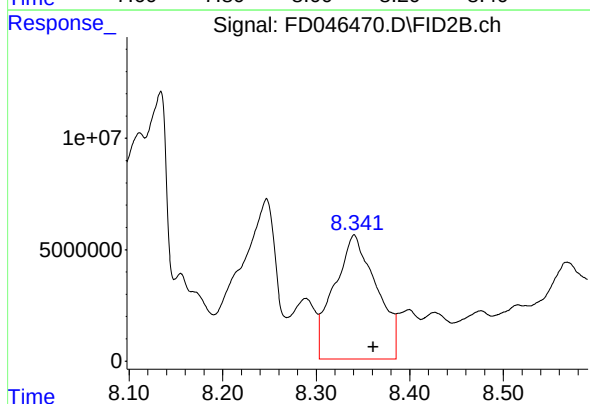
R.T.: 7.499 min
Delta R.T.: -0.007 min
Response: 26768366
Conc: 158.50 ug/ml



#5 Acenaphthylene (C15.06)

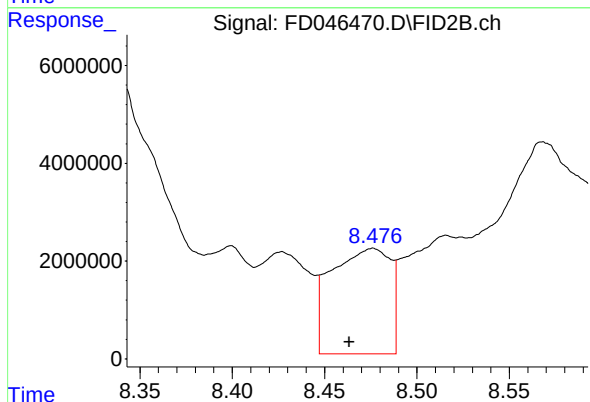
R.T.: 8.132 min
Delta R.T.: -0.033 min
Response: 619883459
Conc: 3642.56 ug/ml

Instrument :
FID_D
ClientSampleId :



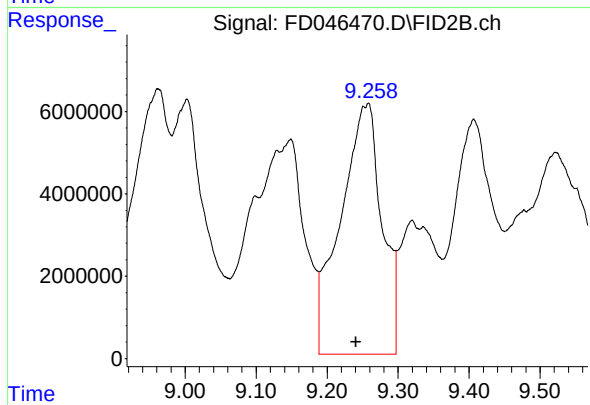
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.340 min
Delta R.T.: -0.020 min
Response: 175105141
Conc: 1573.41 ug/ml



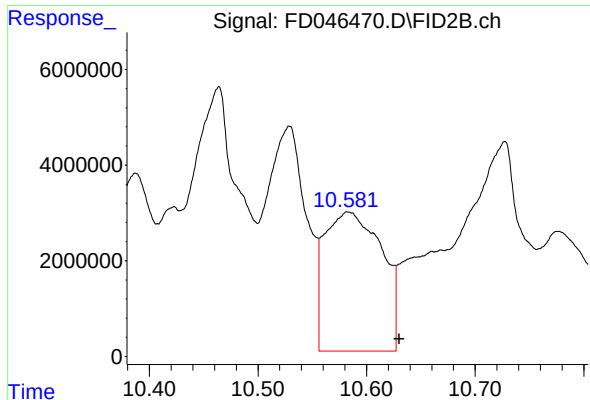
#7 Acenaphthene (C15.5)

R.T.: 8.476 min
Delta R.T.: 0.012 min
Response: 48136939
Conc: 267.19 ug/ml



#8 Flouorene (C16.55)

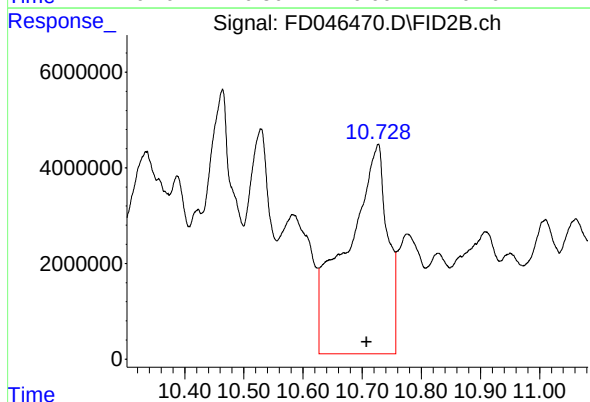
R.T.: 9.257 min
Delta R.T.: 0.016 min
Response: 246256640
Conc: 1408.04 ug/ml



#9 Phenanthrene (C19.36)

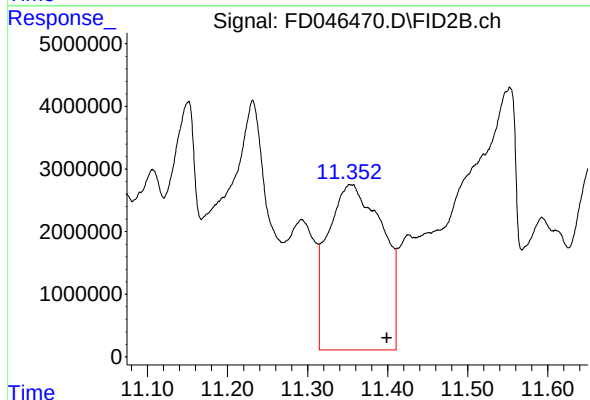
R.T.: 10.583 min
Delta R.T.: -0.047 min
Response: 105839216
Conc: 616.87 ug/ml

Instrument :
FID_D
ClientSampleId :



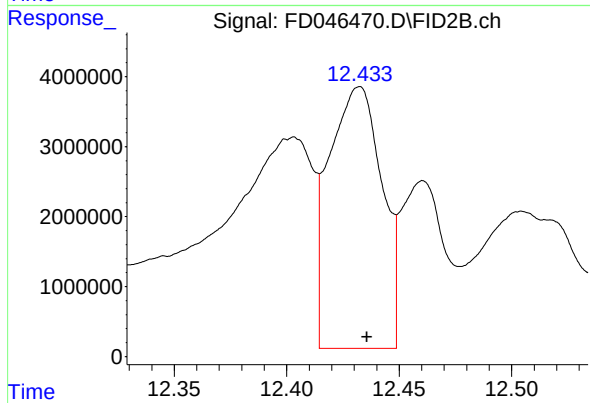
#10 Anthracene (C19.43)

R.T.: 10.726 min
Delta R.T.: 0.018 min
Response: 208200318
Conc: 1234.18 ug/ml



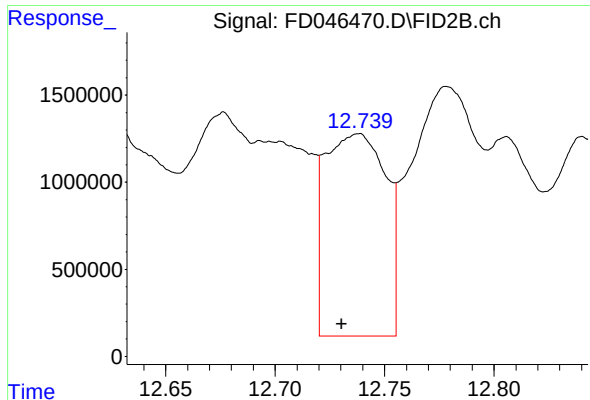
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: -0.045 min
Response: 124504967
Conc: 634.82 ug/ml



#12 Fluoranthene (C21.85)

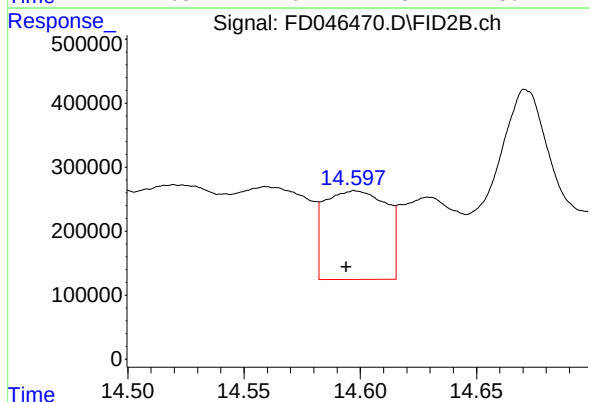
R.T.: 12.432 min
Delta R.T.: -0.004 min
Response: 60982834
Conc: 366.55 ug/ml



#13 Pyrene (C20.8)

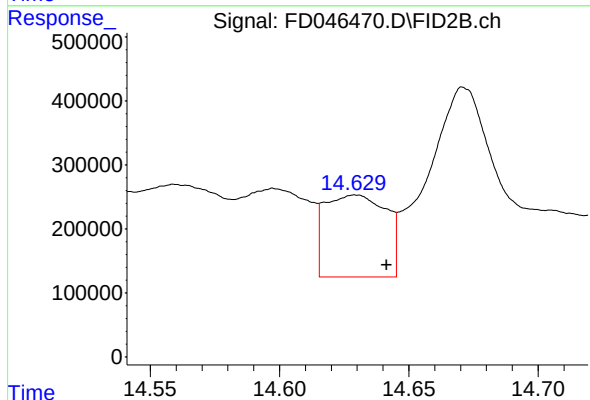
R.T.: 12.737 min
Delta R.T.: 0.007 min
Response: 22396545
Conc: 138.96 ug/ml

Instrument :
FID_D
ClientSampleId :



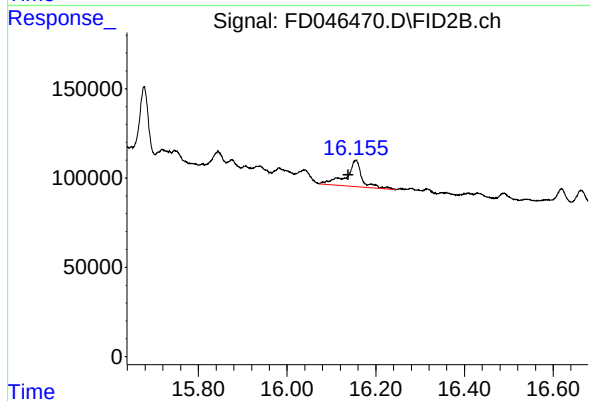
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.598 min
Delta R.T.: 0.004 min
Response: 2559093
Conc: 18.19 ug/ml



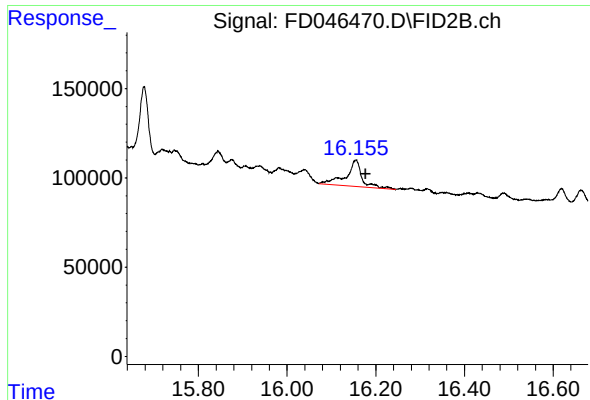
#15 Chrysene (C27.41)

R.T.: 14.629 min
Delta R.T.: -0.012 min
Response: 2106685
Conc: 14.20 ug/ml



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

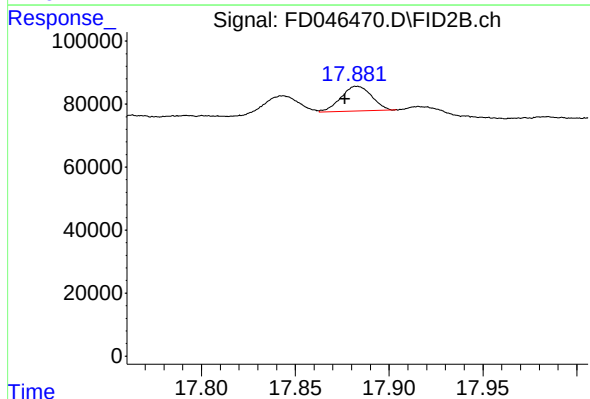
R.T.: 16.155 min
Delta R.T.: 0.017 min
Response: 364884
Conc: 2.69 ug/ml



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

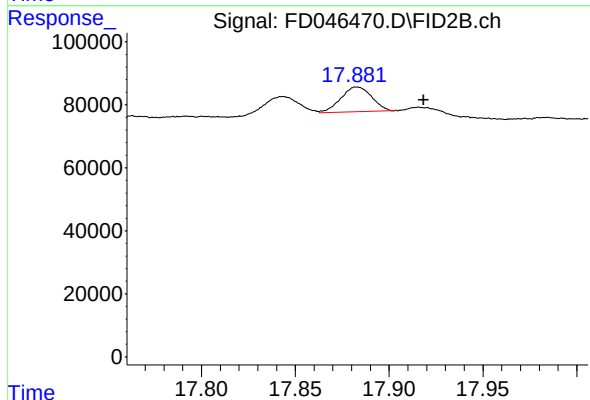
R.T.: 16.155 min
Delta R.T.: -0.023 min
Response: 364884
Conc: 2.69 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.883 min
Delta R.T.: 0.007 min
Response: 88687
Conc: 0.71 ug/ml



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

R.T.: 17.883 min
Delta R.T.: -0.035 min
Response: 88687
Conc: 0.71 ug/ml