

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091323AR\
 Data File : FD046472.D
 Signal(s) : FID2B.ch
 Acq On : 13 Sep 2023 19:36
 Operator : YP/AJ
 Sample : 04392-01MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 02:59:22 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...	7.509	33988993	201.254 ug/ml
Spiked Amount 50.000		Recovery =	402.51%
6) S 2-Fluorobiphenyl (SURR)	8.368	225803719	2028.968 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	4057.94%#
11) S ortho-Terphenyl (SURR)	11.385	162160853	826.812 ug/ml
Spiked Amount 50.000		Recovery =	1653.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.322	41009374	233.376 ug/ml
2) T Naphthalene (C11.7)	5.845	57715011	313.145 ug/ml
3) T 2-Methylnaphthalene (...)	6.867	69398533	373.766 ug/ml
5) T Acenaphthylene (C15.06)	8.160	834313210	4902.594 ug/ml
7) T Acenaphthene (C15.5)	8.443	49160068	272.870 ug/ml
8) T Fluorene (C16.55)	9.287	313633271	1793.279 ug/ml
9) T Phenanthrene (C19.36)	10.612	136922511	798.029 ug/ml
10) T Anthracene (C19.43)	10.684	58493588	346.740 ug/ml
12) T Fluoranthene (C21.85)	12.450	218524051	1313.485 ug/ml
13) T Pyrene (C20.8)	12.699	50834543	315.402 ug/ml
14) T Benzo[a]anthracene (C...	14.612	16676386	118.534 ug/ml
15) T Chrysene (C27.41)	14.656	20542513	138.488 ug/ml
16) T benzo[b]fluoranthene ...	16.134	7908344	58.201 ug/ml
17) T Bnezo[k]fluoranthene ...	16.167	7777191	57.327 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.506	7293900	55.357 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.861	7438296	59.633 ug/ml
20) T Dibenz[a,h]anthracene...	17.901	6982813	55.726 ug/ml
21) T Benzo[g,h,i]perylene ...	18.114	6945411	54.159 ug/ml

(f)=RT Delta > 1/2 Window

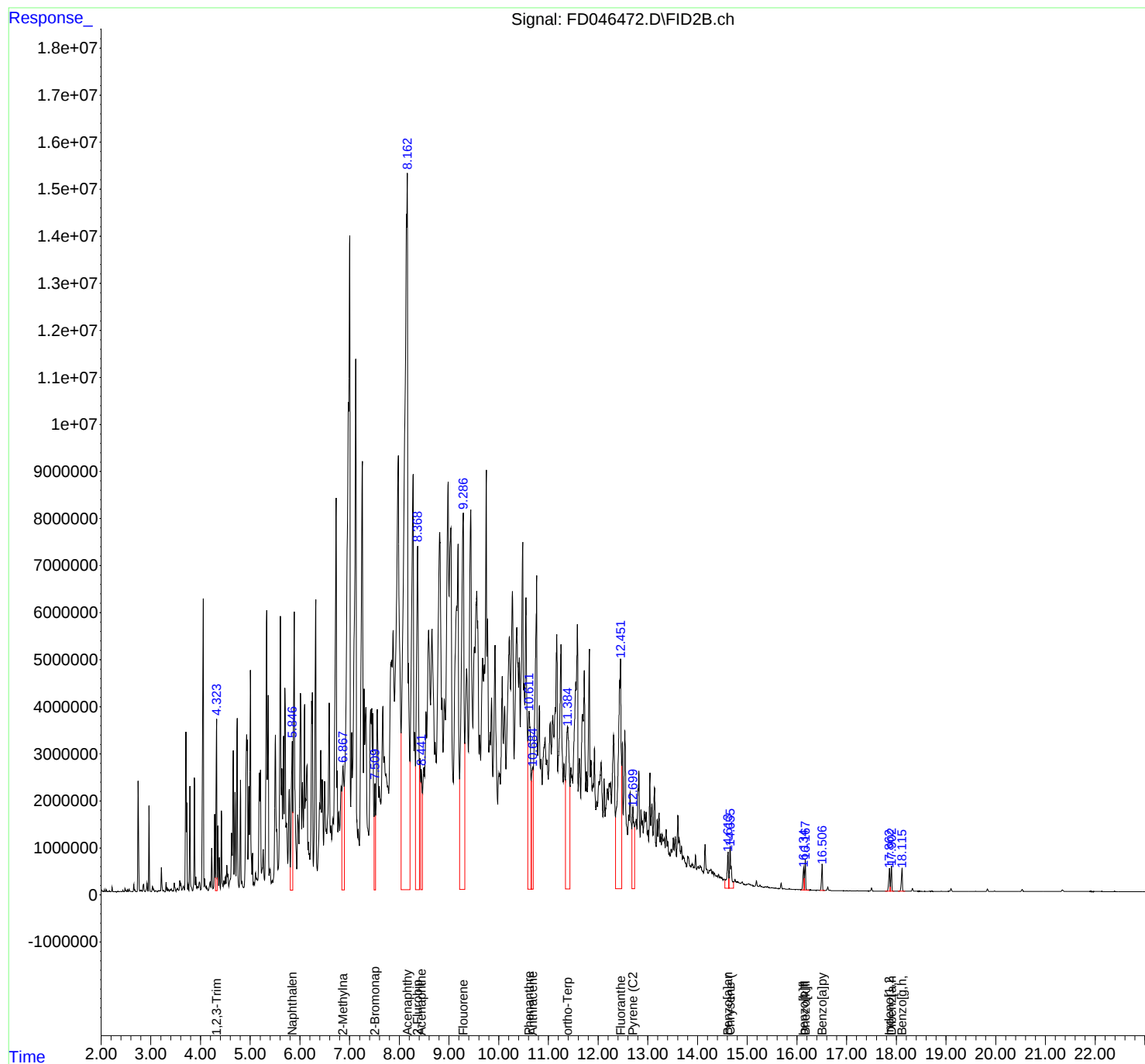
(m)=manual int.

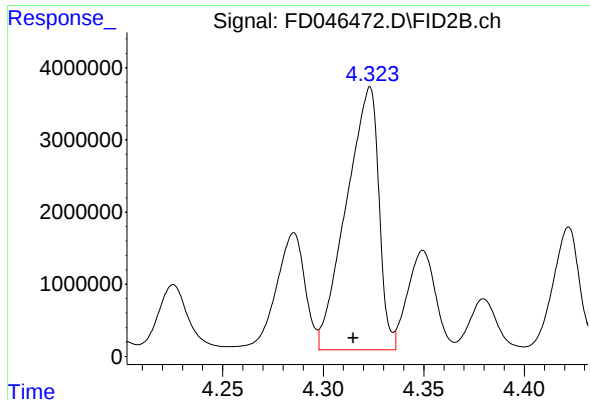
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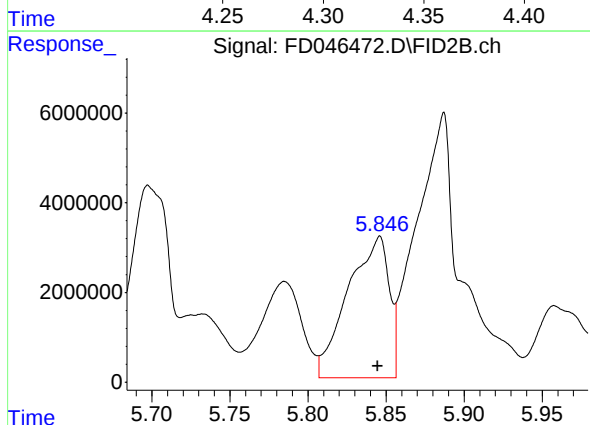




#1 1,2,3-Trimethylbenzene (C10.1)

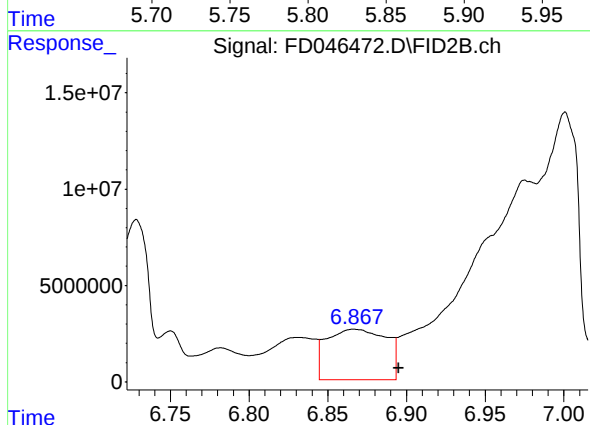
R.T.: 4.322 min
Delta R.T.: 0.007 min
Response: 41009374
Conc: 233.38 ug/ml

Instrument :
FID_D
ClientSampleId :



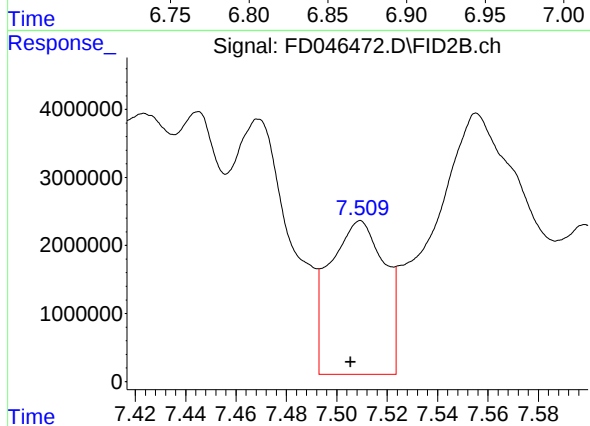
#2 Naphthalene (C11.7)

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 57715011
Conc: 313.15 ug/ml



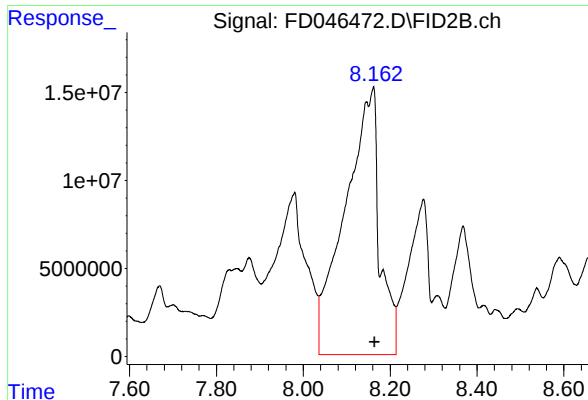
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.867 min
Delta R.T.: -0.028 min
Response: 69398533
Conc: 373.77 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.509 min
Delta R.T.: 0.004 min
Response: 33988993
Conc: 201.25 ug/ml



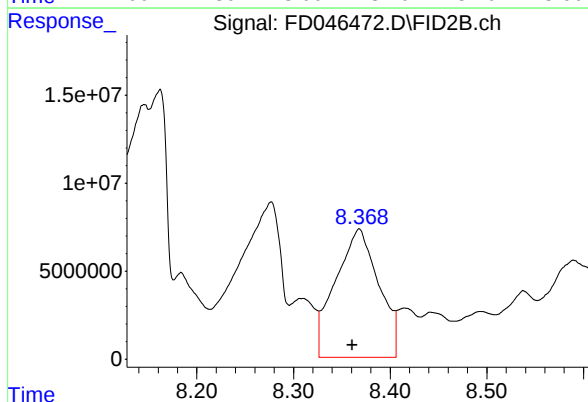
#5 Acenaphthylene (C15.06)

R.T.: 8.160 min
Delta R.T.: -0.005 min
Response: 834313210
Conc: 4902.59 ug/ml

Instrument :

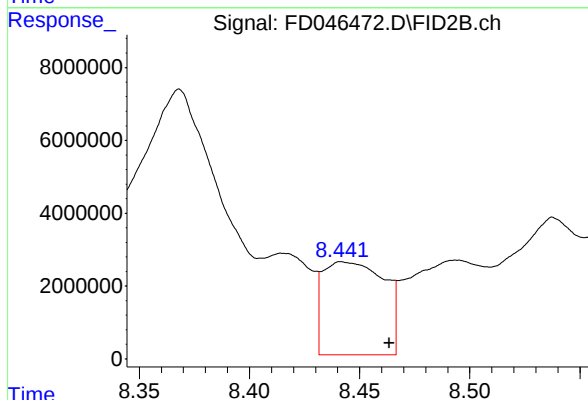
FID_D

ClientSampleId :



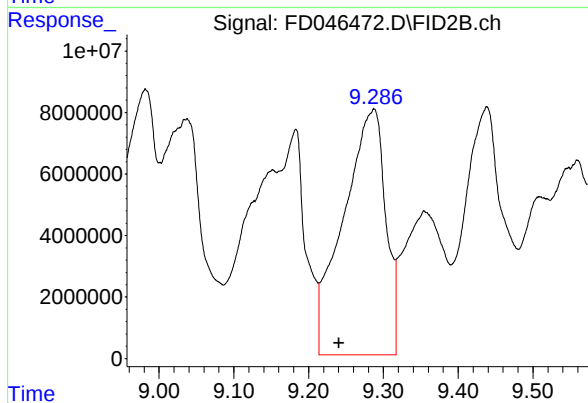
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.368 min
Delta R.T.: 0.007 min
Response: 225803719
Conc: 2028.97 ug/ml



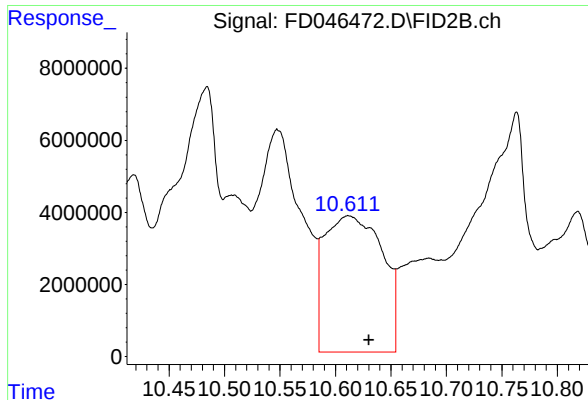
#7 Acenaphthene (C15.5)

R.T.: 8.443 min
Delta R.T.: -0.020 min
Response: 49160068
Conc: 272.87 ug/ml



#8 Flouorene (C16.55)

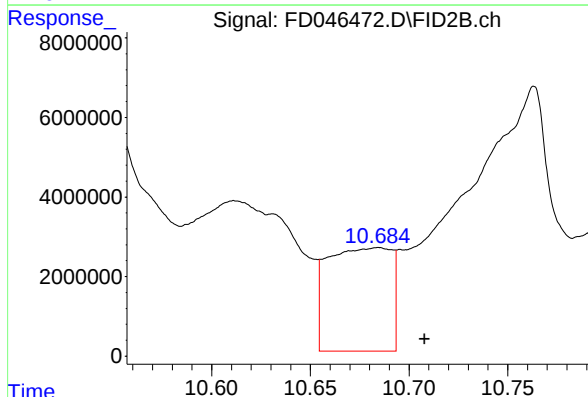
R.T.: 9.287 min
Delta R.T.: 0.046 min
Response: 313633271
Conc: 1793.28 ug/ml



#9 Phenanthrene (C19.36)

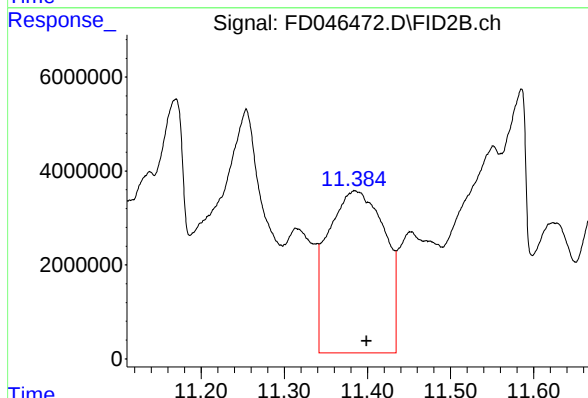
R.T.: 10.612 min
Delta R.T.: -0.018 min
Response: 136922511
Conc: 798.03 ug/ml

Instrument :
FID_D
ClientSampleId :



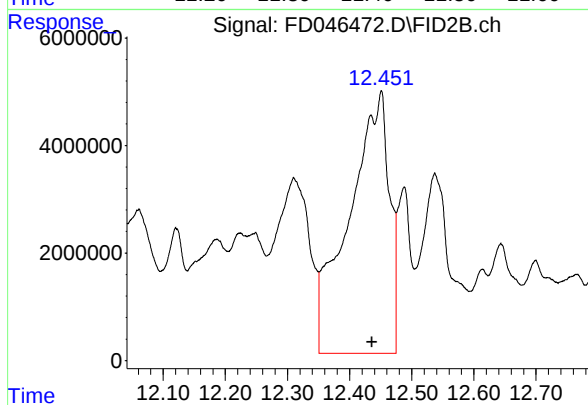
#10 Anthracene (C19.43)

R.T.: 10.684 min
Delta R.T.: -0.024 min
Response: 58493588
Conc: 346.74 ug/ml



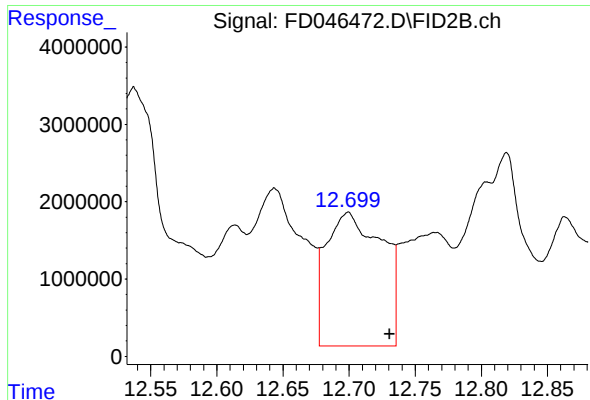
#11 ortho-Terphenyl (SURR)

R.T.: 11.385 min
Delta R.T.: -0.014 min
Response: 162160853
Conc: 826.81 ug/ml



#12 Fluoranthene (C21.85)

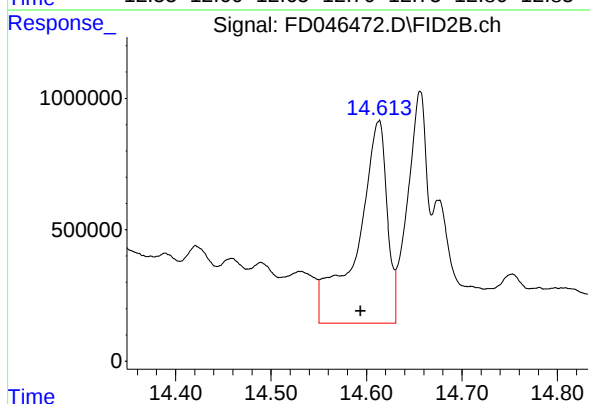
R.T.: 12.450 min
Delta R.T.: 0.015 min
Response: 218524051
Conc: 1313.48 ug/ml



#13 Pyrene (C20.8)

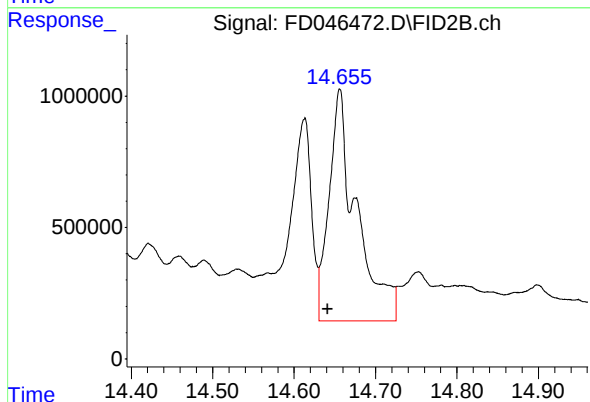
R.T.: 12.699 min
Delta R.T.: -0.032 min
Response: 50834543
Conc: 315.40 ug/ml

Instrument :
FID_D
ClientSampleId :



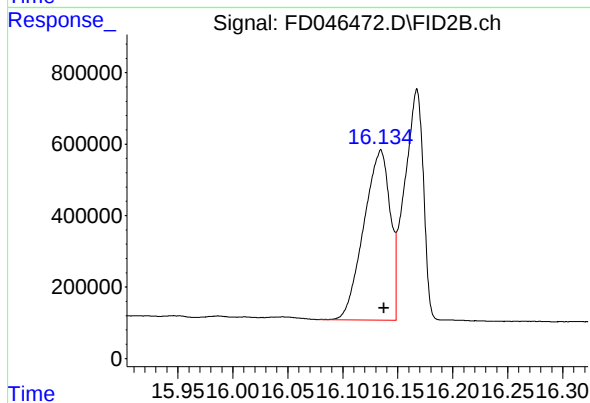
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.612 min
Delta R.T.: 0.018 min
Response: 16676386
Conc: 118.53 ug/ml



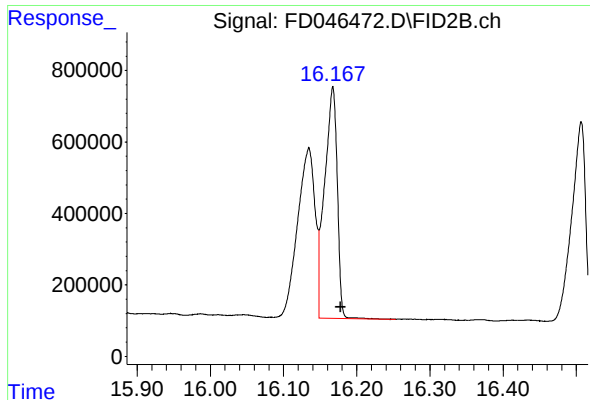
#15 Chrysene (C27.41)

R.T.: 14.656 min
Delta R.T.: 0.015 min
Response: 20542513
Conc: 138.49 ug/ml



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

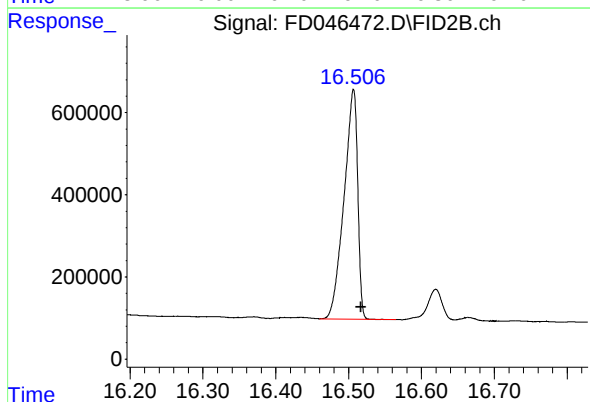
R.T.: 16.134 min
Delta R.T.: -0.003 min
Response: 7908344
Conc: 58.20 ug/ml



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

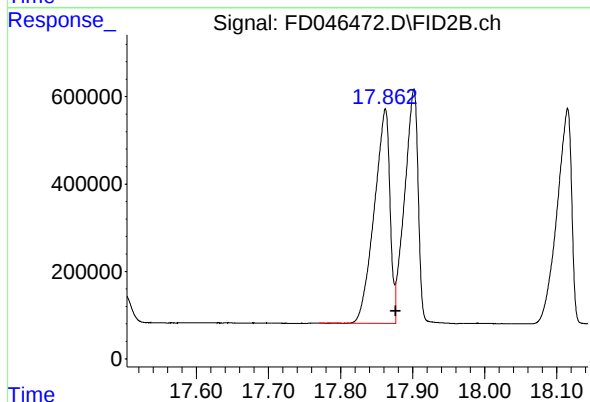
R.T.: 16.167 min
Delta R.T.: -0.011 min
Response: 7777191
Conc: 57.33 ug/ml

Instrument :
FID_D
ClientSampleId :



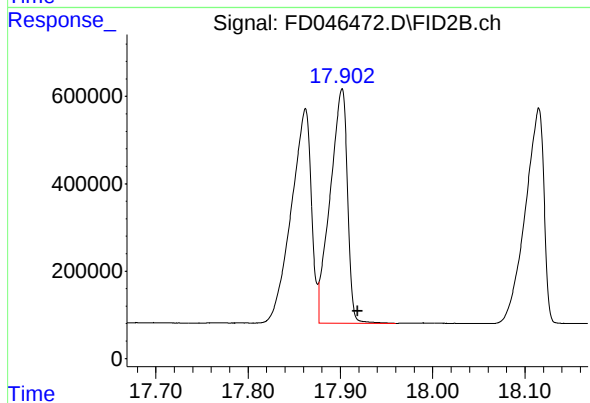
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.506 min
Delta R.T.: -0.011 min
Response: 7293900
Conc: 55.36 ug/ml



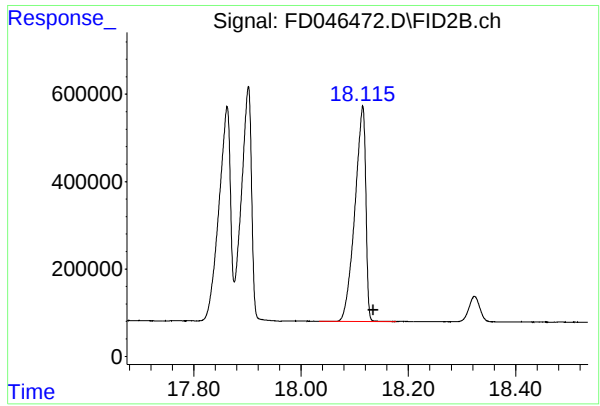
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.861 min
Delta R.T.: -0.015 min
Response: 7438296
Conc: 59.63 ug/ml



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

R.T.: 17.901 min
Delta R.T.: -0.017 min
Response: 6982813
Conc: 55.73 ug/ml



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

R.T.: 18.114 min
Delta R.T.: -0.020 min
Response: 6945411
Conc: 54.16 ug/ml

Instrument :
FID_D
ClientSampleId :