

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD046023.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2023 08:50
 Operator : YP/AJ
 Sample : 03412-01MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 DUCT-1MSD

Integration File: autoint1.e
 Quant Time: Jun 29 02:14:19 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...	7.521	10086866	46.807 ug/ml
Spiked Amount 50.000		Recovery =	93.61%
6) S 2-Fluorobiphenyl (SURR)	8.376	5566782	40.222 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.44%
11) S ortho-Terphenyl (SURR)	11.416	10981009	43.314 ug/ml
Spiked Amount 50.000		Recovery =	86.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.328	6772602	27.188 ug/ml
2) T Naphthalene (C11.7)	5.858	7697383	30.172 ug/ml
3) T 2-Methylnaphthalene (...)	6.908	8021189	31.818 ug/ml
5) T Acenaphthylene (C15.06)	8.180	8229479	37.889 ug/ml
7) T Acenaphthene (C15.5)	8.477	8633405	36.625 ug/ml
8) T Fluorene (C16.55)	9.255	8916838	39.410 ug/ml
9) T Phenanthrene (C19.36)	10.646	8845551	41.455 ug/ml
10) T Anthracene (C19.43)	10.722	8667925	54.552 ug/ml
12) T Fluoranthene (C21.85)	12.452	8508192	41.574 ug/ml
13) T Pyrene (C20.8)	12.747	8506845	43.751 ug/ml
14) T Benzo[a]anthracene (C...	14.612	7926947	44.076 ug/ml
15) T Chrysene (C27.41)	14.656	7999167	40.755 ug/ml
16) T benzo[b]fluoranthene ...	16.156	8089148	43.129 ug/ml
17) T Bnezo[k]fluoranthene ...	16.193	7872143	39.797 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.533	7274980	41.755 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.894	8085034	43.443 ug/ml
20) T Dibenz[a,h]anthracene...	17.935	7648259	41.600 ug/ml
21) T Benzo[g,h,i]perylene ...	18.150	7636168	40.868 ug/ml

(f)=RT Delta > 1/2 Window

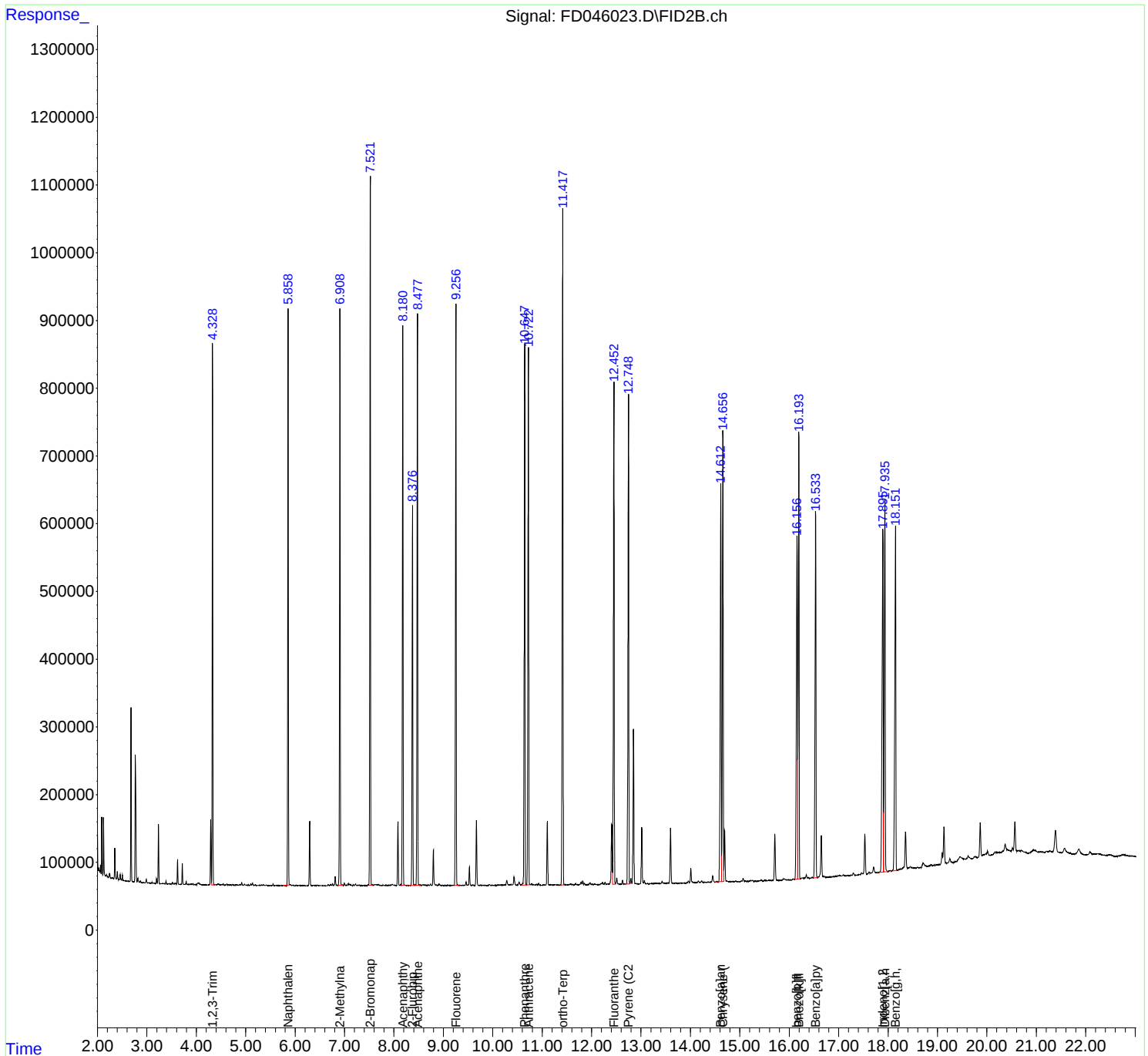
(m)=manual int.

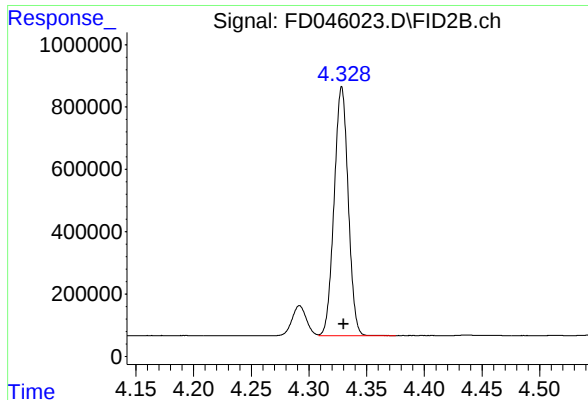
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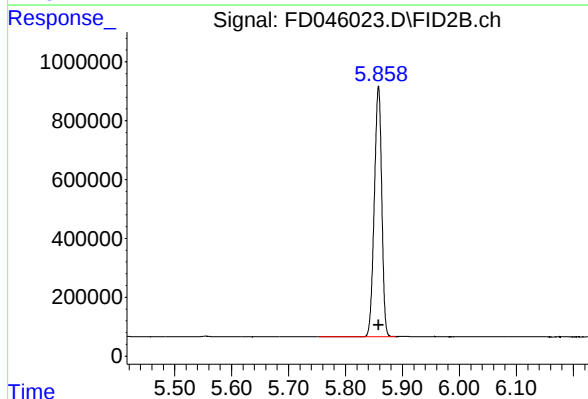




#1 1,2,3-Trimethylbenzene (C10.1)

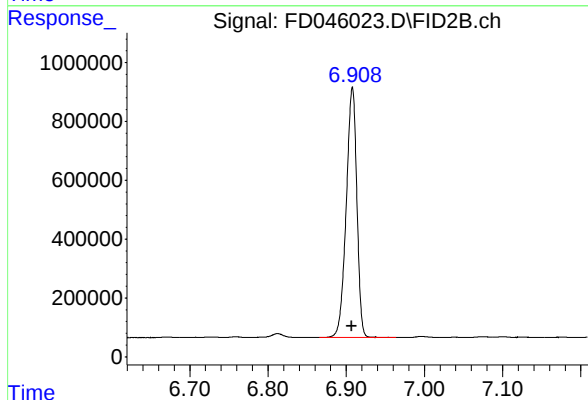
R.T.: 4.328 min
Delta R.T.: -0.002 min
Response: 6772602
Conc: 27.19 ug/ml

Instrument :
FID_D
ClientSampleId :
DUCT-1MSD



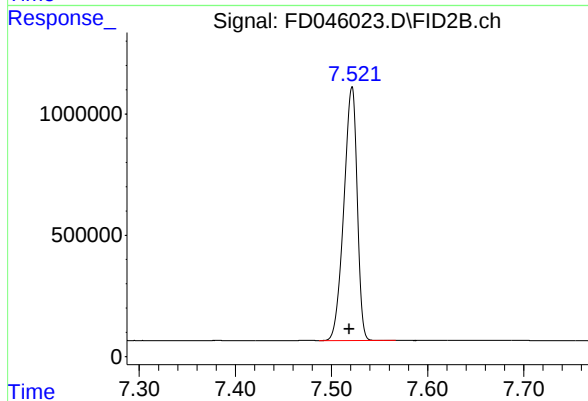
#2 Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 7697383
Conc: 30.17 ug/ml



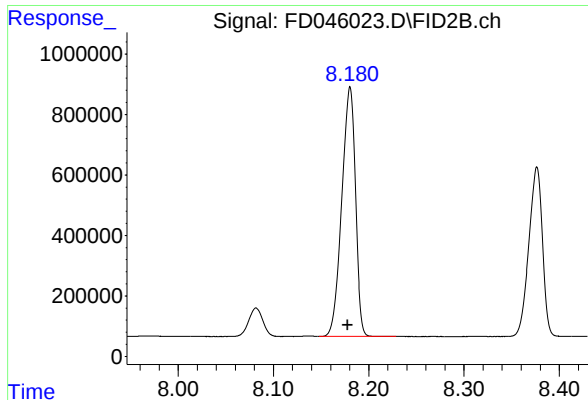
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 8021189
Conc: 31.82 ug/ml



#4 2-Bromonaphthalene (SURR)

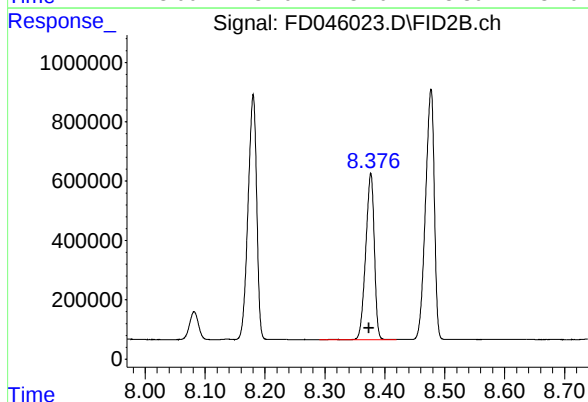
R.T.: 7.521 min
Delta R.T.: 0.003 min
Response: 10086866
Conc: 46.81 ug/ml



#5 Acenaphthylene (C15.06)

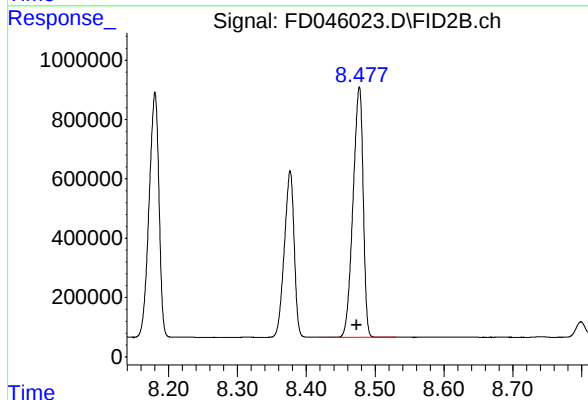
R.T.: 8.180 min
Delta R.T.: 0.002 min
Response: 8229479
Conc: 37.89 ug/ml

Instrument :
FID_D
ClientSampleId :
DUCT-1MSD



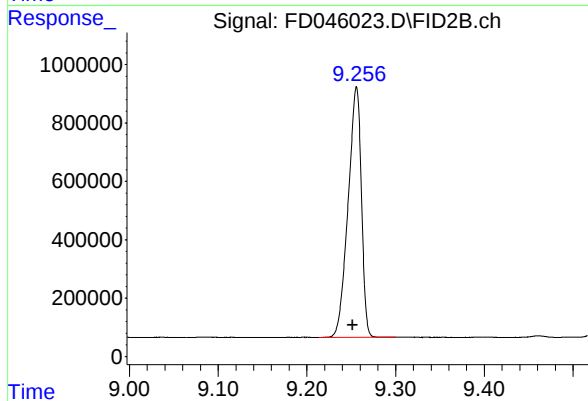
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.376 min
Delta R.T.: 0.003 min
Response: 5566782
Conc: 40.22 ug/ml



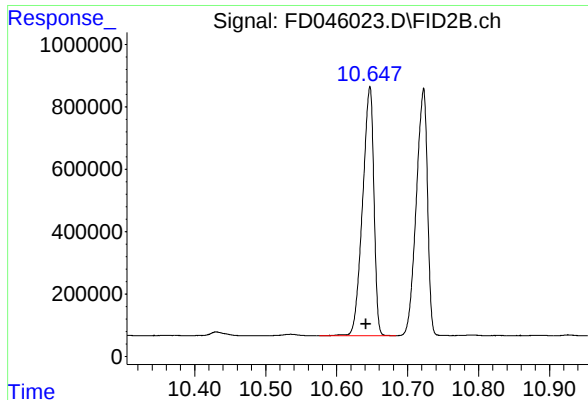
#7 Acenaphthene (C15.5)

R.T.: 8.477 min
Delta R.T.: 0.004 min
Response: 8633405
Conc: 36.63 ug/ml



#8 Flouorene (C16.55)

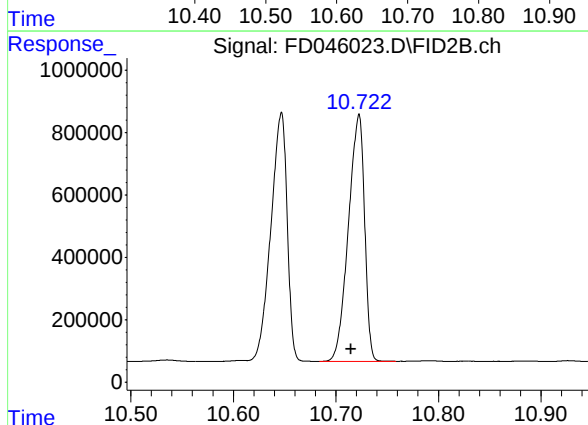
R.T.: 9.255 min
Delta R.T.: 0.004 min
Response: 8916838
Conc: 39.41 ug/ml



#9 Phenanthrene (C19.36)

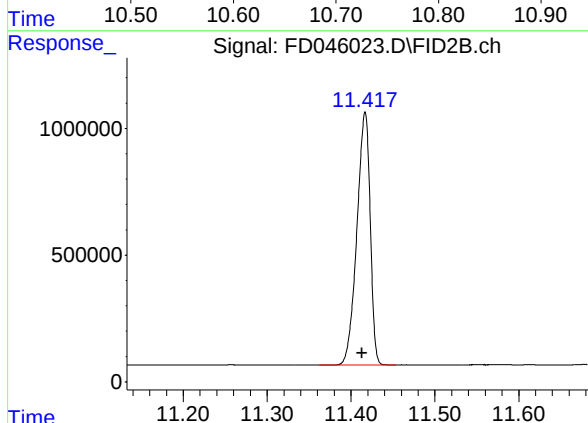
R.T.: 10.646 min
Delta R.T.: 0.005 min
Response: 8845551
Conc: 41.46 ug/ml

Instrument :
FID_D
ClientSampleId :
DUCT-1MSD



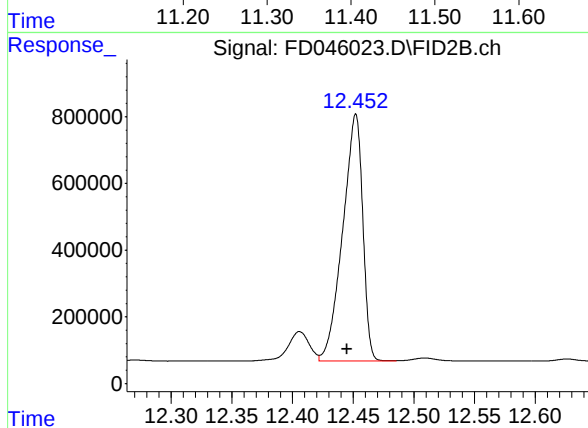
#10 Anthracene (C19.43)

R.T.: 10.722 min
Delta R.T.: 0.007 min
Response: 8667925
Conc: 54.55 ug/ml



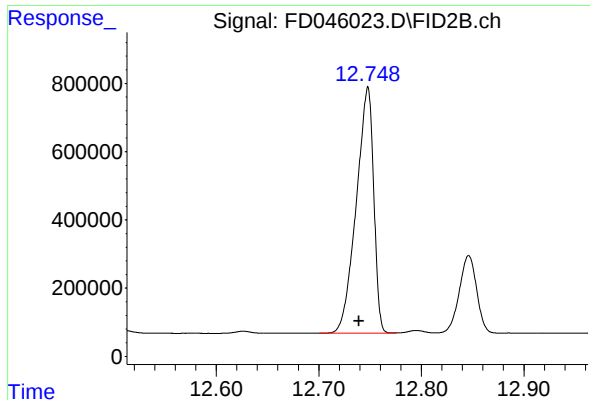
#11 ortho-Terphenyl (SURR)

R.T.: 11.416 min
Delta R.T.: 0.004 min
Response: 10981009
Conc: 43.31 ug/ml



#12 Fluoranthene (C21.85)

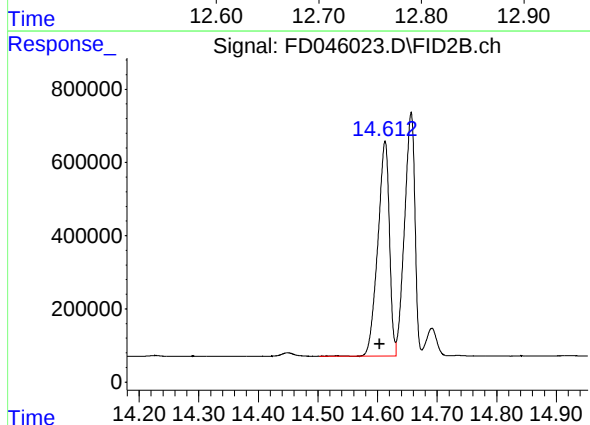
R.T.: 12.452 min
Delta R.T.: 0.007 min
Response: 8508192
Conc: 41.57 ug/ml



#13 Pyrene (C20.8)

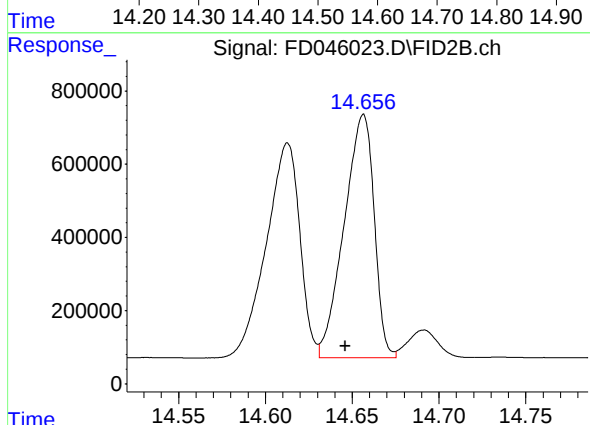
R.T.: 12.747 min
Delta R.T.: 0.008 min
Response: 8506845
Conc: 43.75 ug/ml

Instrument :
FID_D
ClientSampleId :
DUCT-1MSD



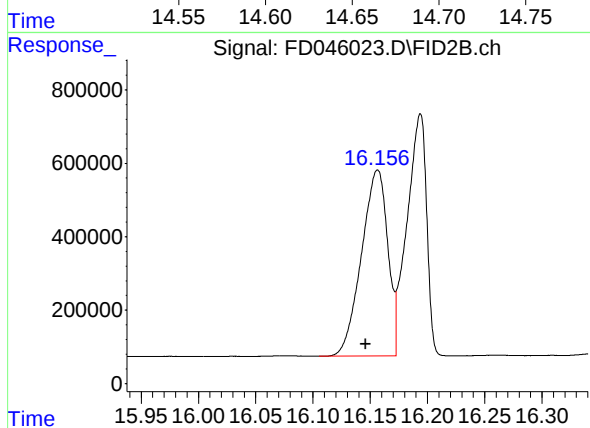
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.612 min
Delta R.T.: 0.009 min
Response: 7926947
Conc: 44.08 ug/ml



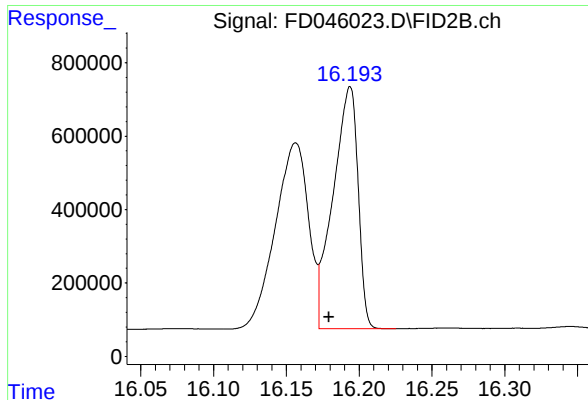
#15 Chrysene (C27.41)

R.T.: 14.656 min
Delta R.T.: 0.010 min
Response: 7999167
Conc: 40.75 ug/ml



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

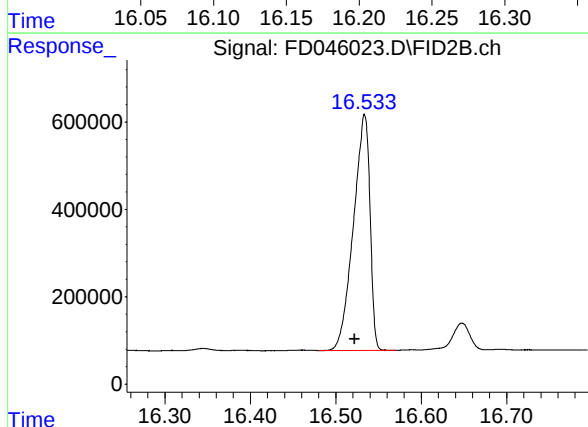
R.T.: 16.156 min
Delta R.T.: 0.010 min
Response: 8089148
Conc: 43.13 ug/ml



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

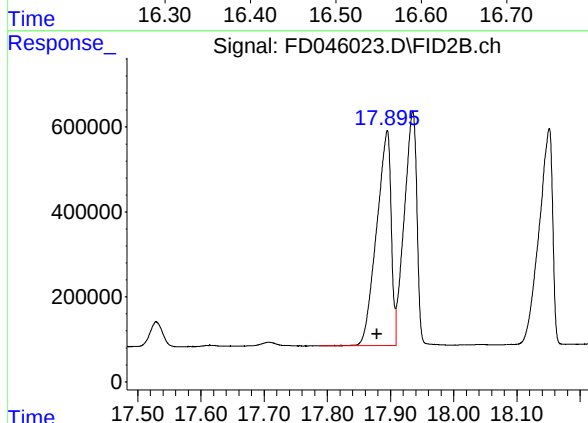
R.T.: 16.193 min
Delta R.T.: 0.014 min
Response: 7872143
Conc: 39.80 ug/ml

Instrument :
FID_D
ClientSampleId :
DUCT-1MSD



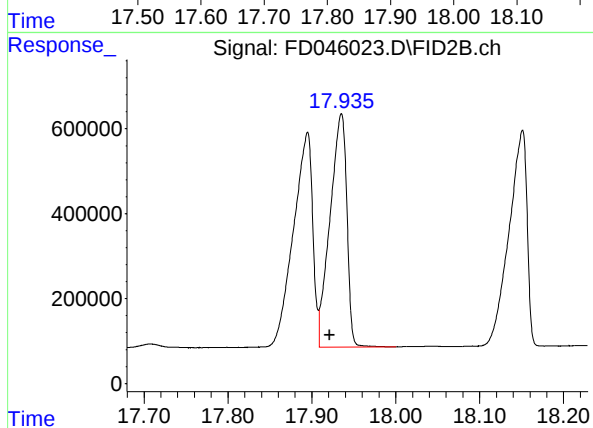
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.533 min
Delta R.T.: 0.011 min
Response: 7274980
Conc: 41.75 ug/ml



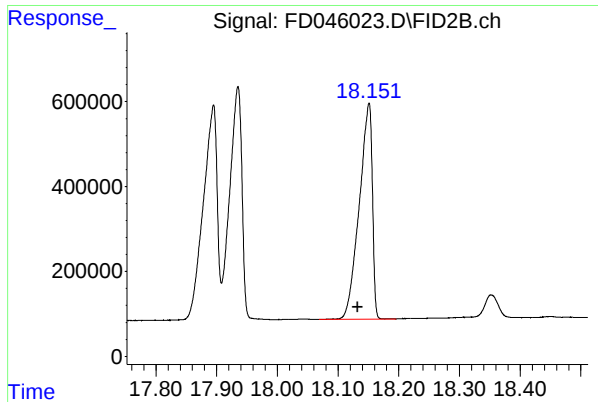
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.894 min
Delta R.T.: 0.015 min
Response: 8085034
Conc: 43.44 ug/ml



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

R.T.: 17.935 min
Delta R.T.: 0.013 min
Response: 7648259
Conc: 41.60 ug/ml



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

R.T.: 18.150 min
Delta R.T.: 0.017 min
Response: 7636168
Conc: 40.87 ug/ml

Instrument :
FID_D
ClientSampleId :
DUCT-1MSD