

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032221AR\
 Data File : FD036485.D
 Signal(s) : FID2B.CH
 Acq On : 22 Mar 2021 18:39
 Operator : DD\AJ
 Sample : PB135268BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB135268BSD

Integration File: autoint1.e
 Quant Time: Mar 23 02:46:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.596	5250015	44.540 ug/ml
Spiked Amount 50.000		Recovery =	89.08%
6) S 2-Fluorobiphenyl (SURR)	8.457	3587768	43.111 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.22%
11) S ortho-Terphenyl (SURR)	11.497	5321508	37.772 ug/ml
Spiked Amount 50.000		Recovery =	75.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.396	3746898	29.885 ug/ml
2) T Naphthalene (C11.7)	5.933	4306808	31.782 ug/ml
3) T 2-Methylnaphthalene (...)	6.985	4484691	32.842 ug/ml
5) T Acenaphthylene (C15.06)	8.260	4462632	33.169 ug/ml
7) T Acenaphthene (C15.5)	8.556	4660512	33.671 ug/ml
8) T Flouorene (C16.55)	9.335	4846092	35.510 ug/ml
9) T Phenanthrene (C19.36)	10.730	5173628	37.551 ug/ml
10) T Anthracene (C19.43)	10.805	5170285	38.510 ug/ml
12) T Fluoranthene (C21.85)	12.540	5417424	39.010 ug/ml
13) T Pyrene (C20.8)	12.837	5359791	39.094 ug/ml
14) T Benzo[a]anthracene (C...	14.706	4963762	39.244 ug/ml
15) T Chrysene (C27.41)	14.750	5163161	39.870 ug/ml
16) T benzo[b]fluoranthene ...	16.253	4932598	40.530 ug/ml
17) T Bnezo[k]fluoranthene ...	16.288	4677962	39.726 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.631	4776445	43.313 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.992	4454701	40.263 ug/ml
20) T Dibenz[a,h]anthracene...	18.033	4549283	41.109 ug/ml
21) T Benzo[g,h,i]perylene ...	18.251	4580151	41.422 ug/ml

(f)=RT Delta > 1/2 Window

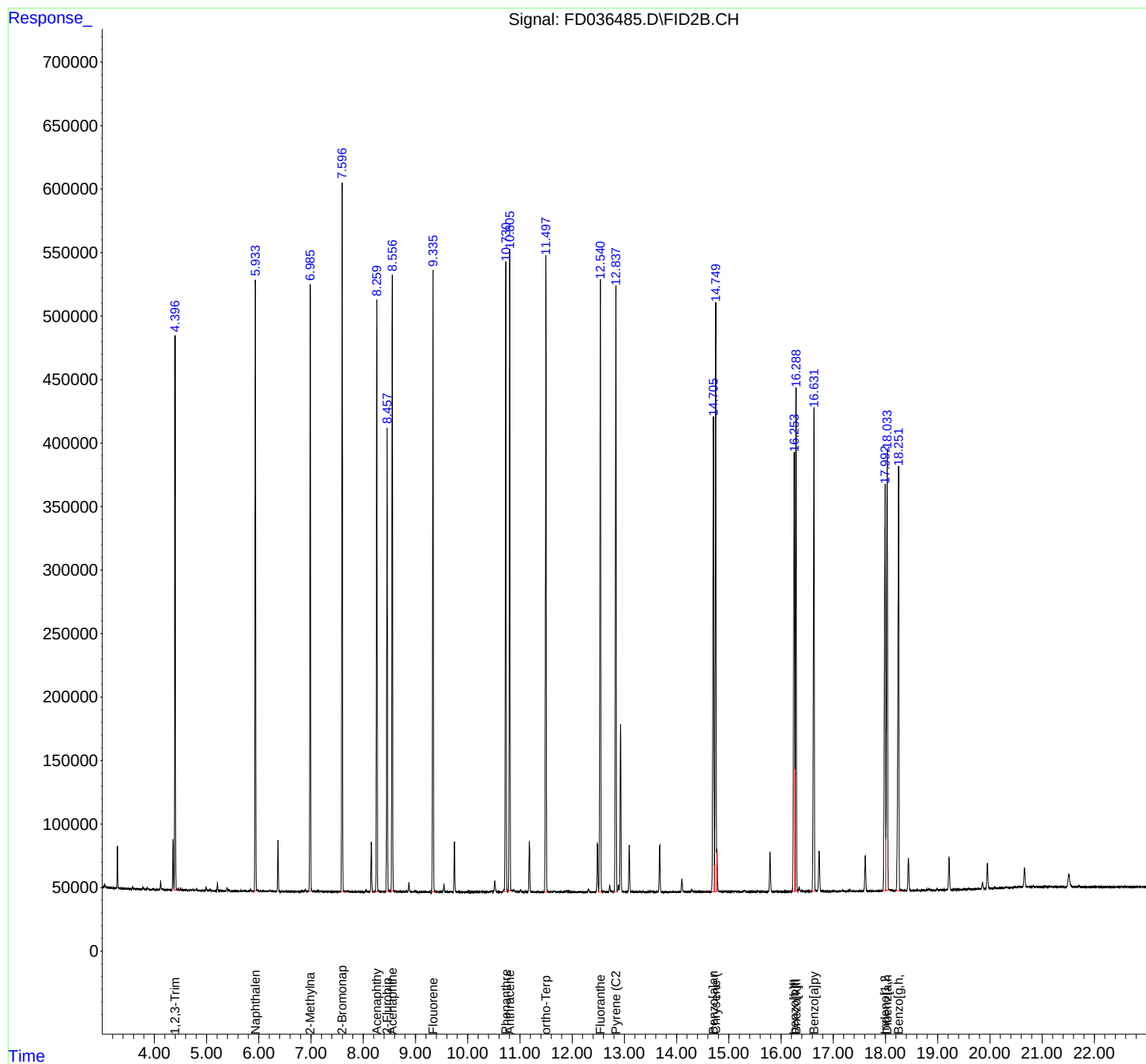
(m)=manual int.

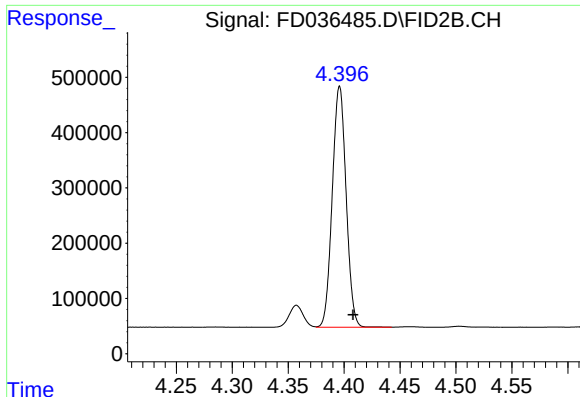
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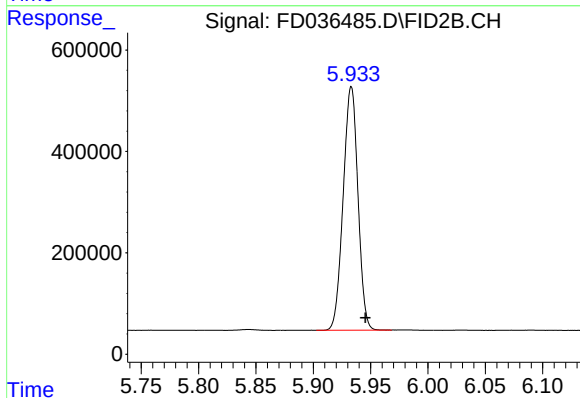




#1 1,2,3-Trimethylbenzene (C10.1)

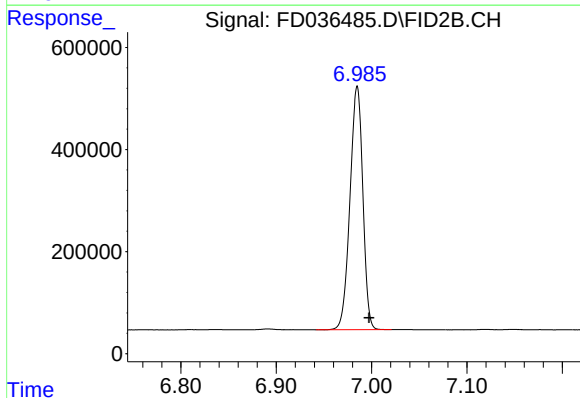
R.T.: 4.396 min
Delta R.T.: -0.012 min
Response: 3746898
Conc: 29.88 ug/ml

Instrument :
FID_D
ClientSampleId :
PB135268BSD



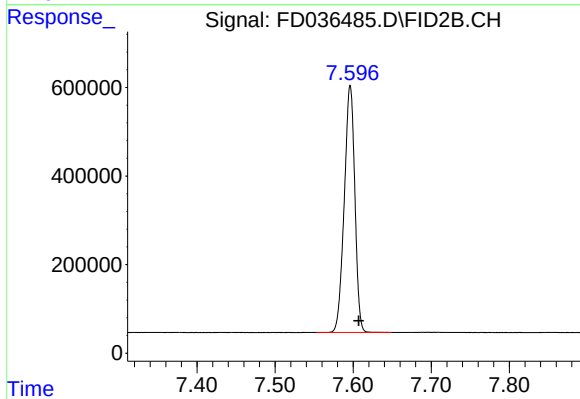
#2 Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: -0.012 min
Response: 4306808
Conc: 31.78 ug/ml



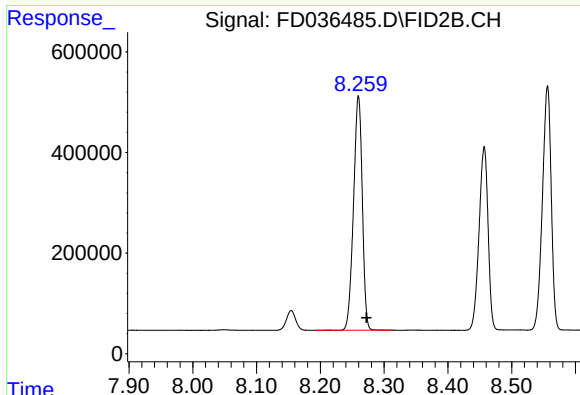
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.985 min
Delta R.T.: -0.012 min
Response: 4484691
Conc: 32.84 ug/ml



#4 2-Bromonaphthalene (SURR)

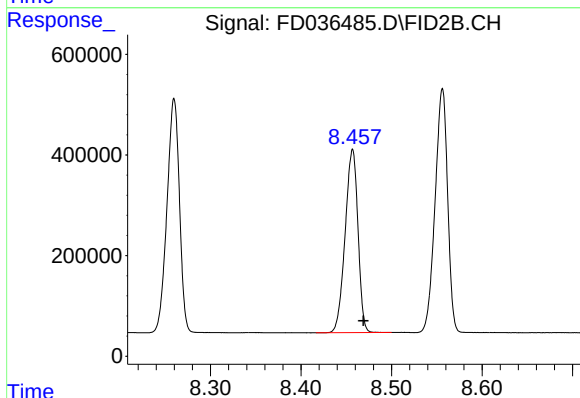
R.T.: 7.596 min
Delta R.T.: -0.011 min
Response: 5250015
Conc: 44.54 ug/ml



#5 Acenaphthylene (C15.06)

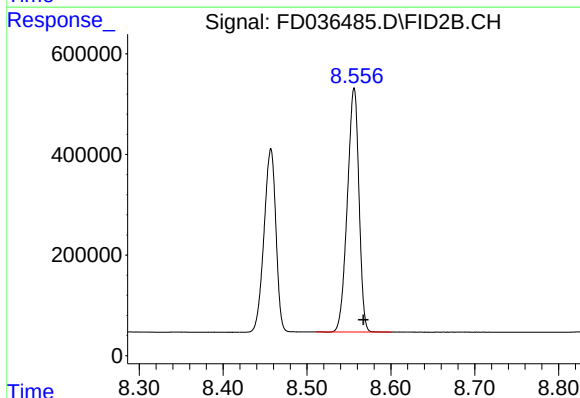
R.T.: 8.260 min
Delta R.T.: -0.012 min
Response: 4462632
Conc: 33.17 ug/ml

Instrument :
FID_D
ClientSampleId :
PB135268BSD



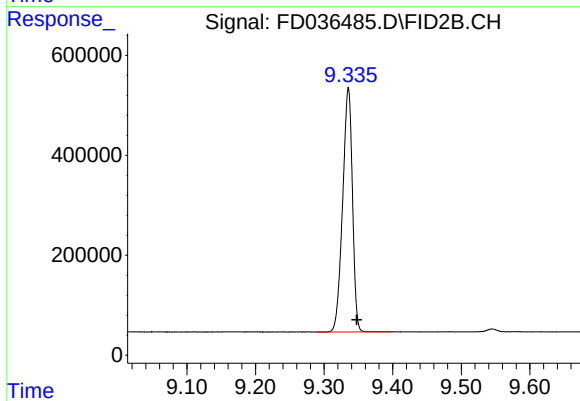
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.457 min
Delta R.T.: -0.012 min
Response: 3587768
Conc: 43.11 ug/ml



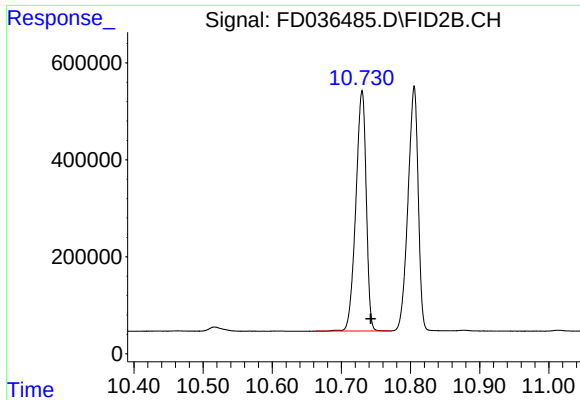
#7 Acenaphthene (C15.5)

R.T.: 8.556 min
Delta R.T.: -0.011 min
Response: 4660512
Conc: 33.67 ug/ml



#8 Fluorene (C16.55)

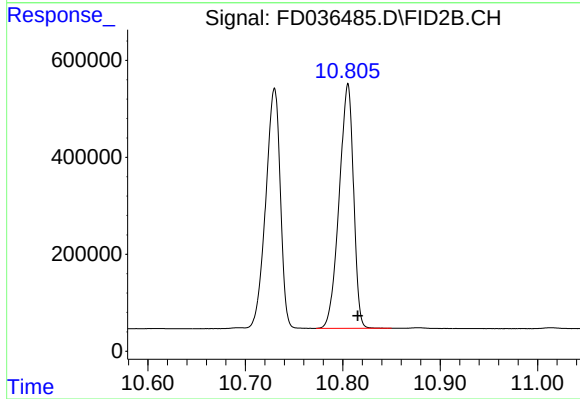
R.T.: 9.335 min
Delta R.T.: -0.012 min
Response: 4846092
Conc: 35.51 ug/ml



#9 Phenanthrene (C19.36)

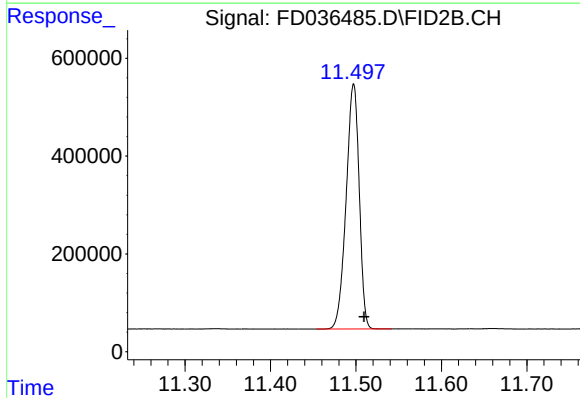
R.T.: 10.730 min
Delta R.T.: -0.012 min
Response: 5173628
Conc: 37.55 ug/ml

Instrument :
FID_D
ClientSampleId :
PB135268BSD



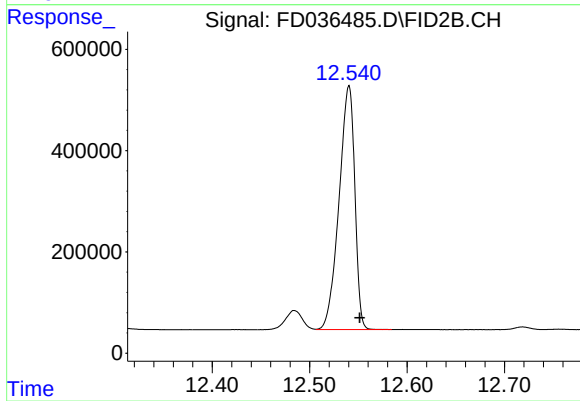
#10 Anthracene (C19.43)

R.T.: 10.805 min
Delta R.T.: -0.010 min
Response: 5170285
Conc: 38.51 ug/ml



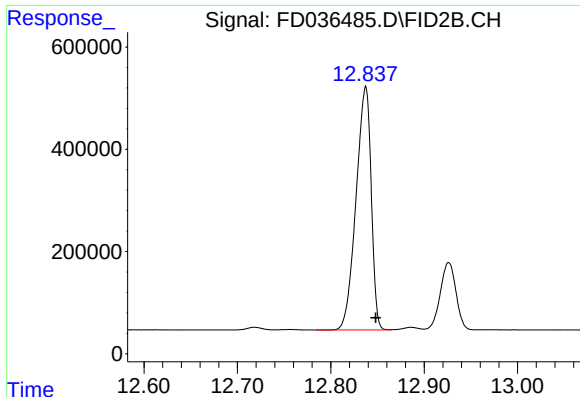
#11 ortho-Terphenyl (SURR)

R.T.: 11.497 min
Delta R.T.: -0.012 min
Response: 5321508
Conc: 37.77 ug/ml



#12 Fluoranthene (C21.85)

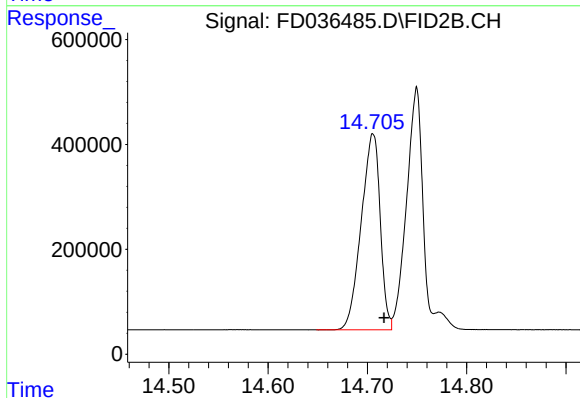
R.T.: 12.540 min
Delta R.T.: -0.011 min
Response: 5417424
Conc: 39.01 ug/ml



#13 Pyrene (C20.8)

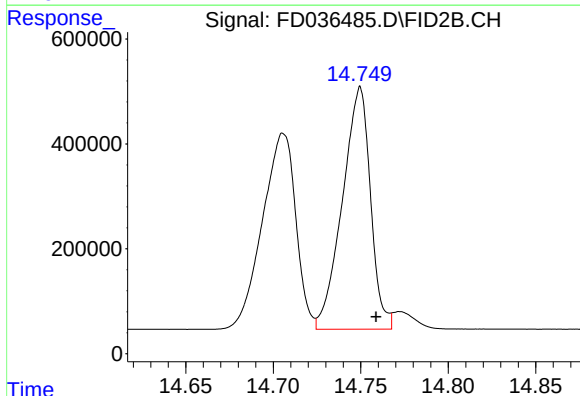
R.T.: 12.837 min
Delta R.T.: -0.011 min
Response: 5359791
Conc: 39.09 ug/ml

Instrument :
FID_D
ClientSampleId :
PB135268BSD



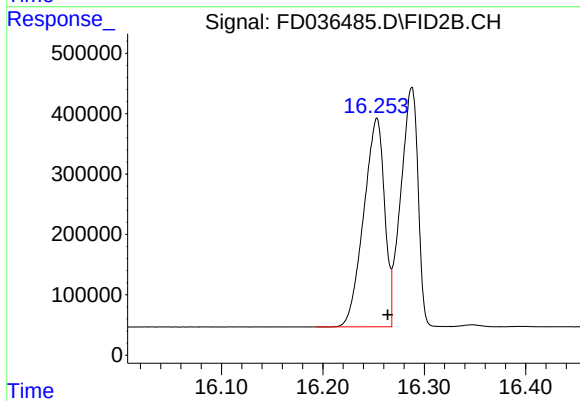
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.706 min
Delta R.T.: -0.011 min
Response: 4963762
Conc: 39.24 ug/ml



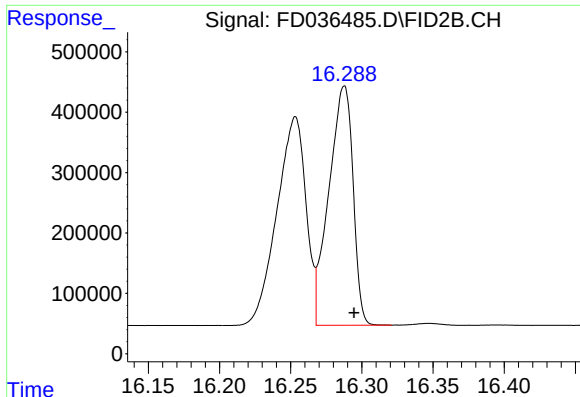
#15 Chrysene (C27.41)

R.T.: 14.750 min
Delta R.T.: -0.009 min
Response: 5163161
Conc: 39.87 ug/ml



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

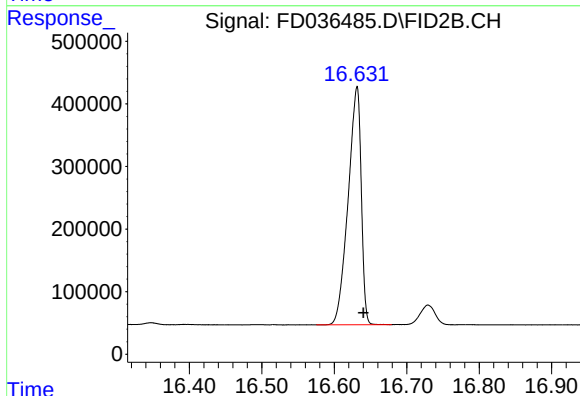
R.T.: 16.253 min
Delta R.T.: -0.011 min
Response: 4932598
Conc: 40.53 ug/ml



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

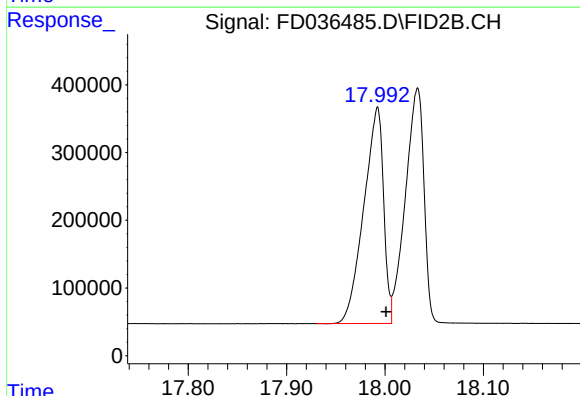
R.T.: 16.288 min
Delta R.T.: -0.007 min
Response: 4677962
Conc: 39.73 ug/ml

Instrument :
FID_D
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PB135268BSD



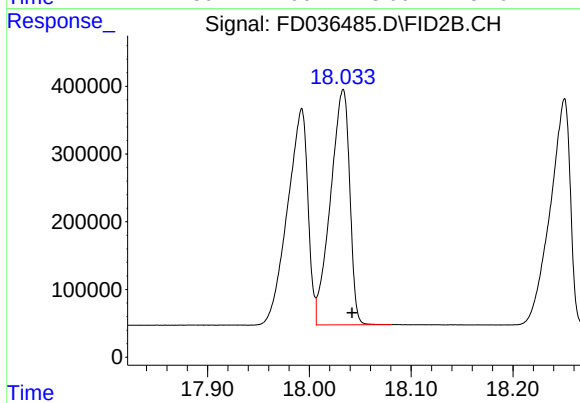
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.631 min
Delta R.T.: -0.009 min
Response: 4776445
Conc: 43.31 ug/ml



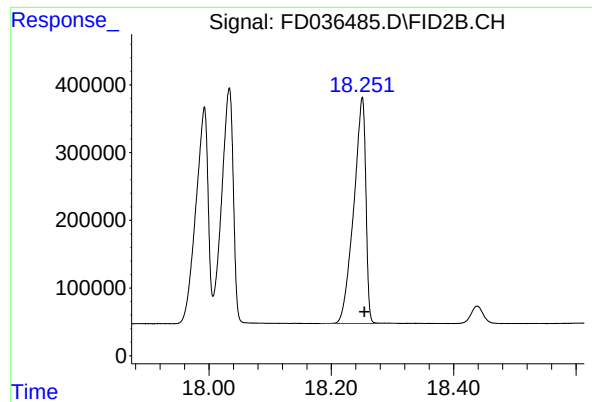
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.992 min
Delta R.T.: -0.009 min
Response: 4454701
Conc: 40.26 ug/ml



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

R.T.: 18.033 min
Delta R.T.: -0.009 min
Response: 4549283
Conc: 41.11 ug/ml



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

R.T.: 18.251 min
Delta R.T.: -0.004 min
Response: 4580151
Conc: 41.42 ug/ml

Instrument :
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ClientSampleId :
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