

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD053122AR\
 Data File : FD042688.D
 Signal(s) : FID2B.CH
 Acq On : 31 May 2022 14:57
 Operator : UA/NP
 Sample : PB144729BSD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144729BSD

Integration File: autoint1.e
 Quant Time: Jun 01 02:22:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Fri May 27 19:32:22 2022
 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...	7.665	6671319	43.657 ug/ml
Spiked Amount 50.000		Recovery =	87.31%
6) S 2-Fluorobiphenyl (SURR)	8.529	4406630	42.847 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.69%
11) S ortho-Terphenyl (SURR)	11.580	6943418	39.113 ug/ml
Spiked Amount 50.000		Recovery =	78.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.458	5193569	31.020 ug/ml
2) T Naphthalene (C11.7)	6.000	6037892	34.922 ug/ml
3) T 2-Methylnaphthalene (...)	7.053	6166684	38.670 ug/ml
5) T Acenaphthylene (C15.06)	8.332	6126392	35.459 ug/ml
7) T Acenaphthene (C15.5)	8.630	6533470	37.970 ug/ml
8) T Flouorene (C16.55)	9.412	6640216	39.553 ug/ml
9) T Phenanthrene (C19.36)	10.811	6880029	41.839 ug/ml
10) T Anthracene (C19.43)	10.887	6759337	44.224 ug/ml
12) T Fluoranthene (C21.85)	12.627	6971173	44.248 ug/ml
13) T Pyrene (C20.8)	12.925	6943394	44.598 ug/ml
14) T Benzo[a]anthracene (C...	14.800	6489777	48.673 ug/ml
15) T Chrysene (C27.41)	14.843	7217060	54.626 ug/ml
16) T benzo[b]fluoranthene ...	16.351	6171167	46.325 ug/ml
17) T Bnezo[k]fluoranthene ...	16.386	5990170	48.363 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.729	5421667	43.804 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.096	5576598	50.031 ug/ml
20) T Dibenz[a,h]anthracene...	18.138	5455093	49.041 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.354	5554588	46.734 ug/ml

(f)=RT Delta > 1/2 Window

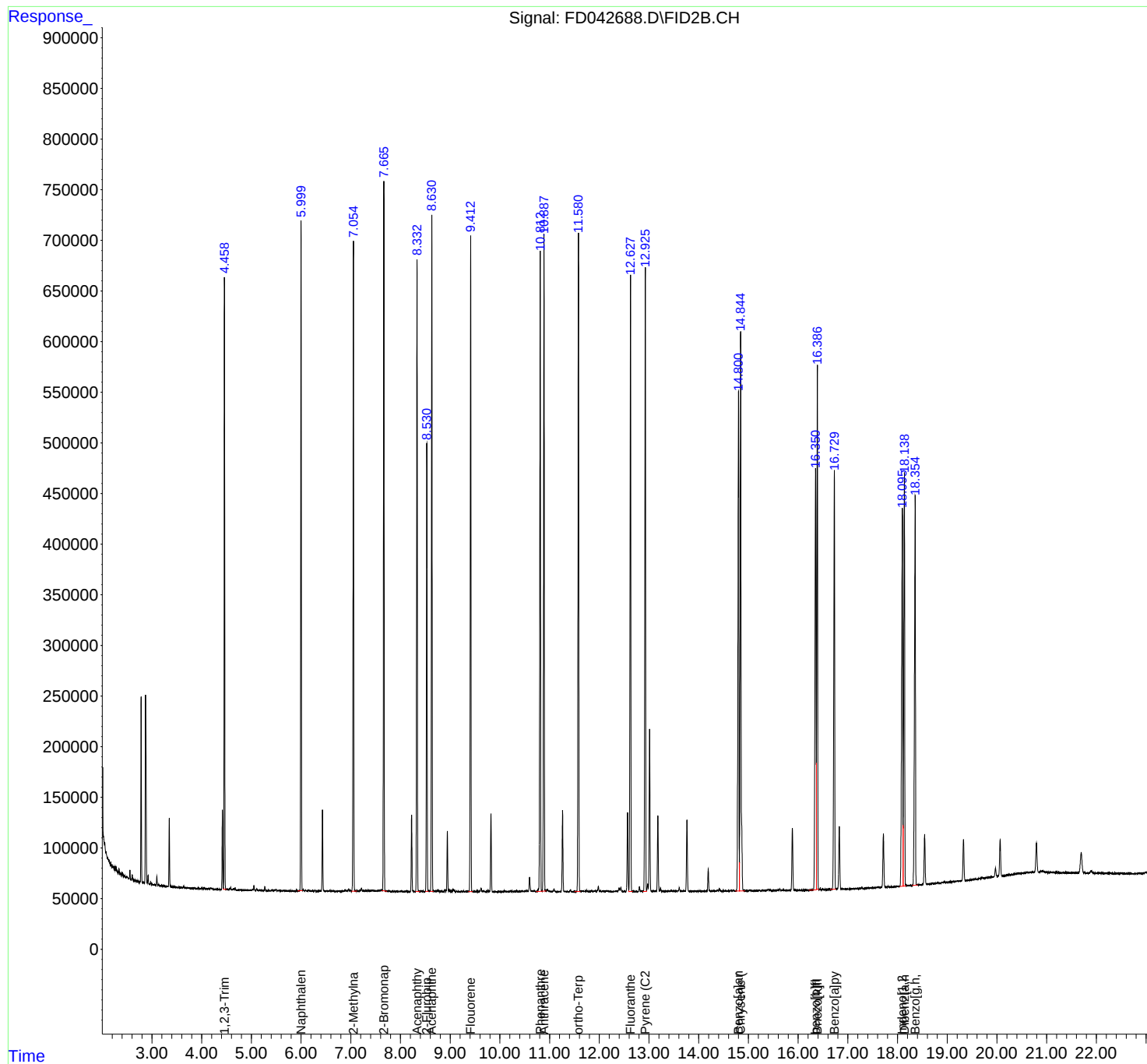
(m)=manual int.

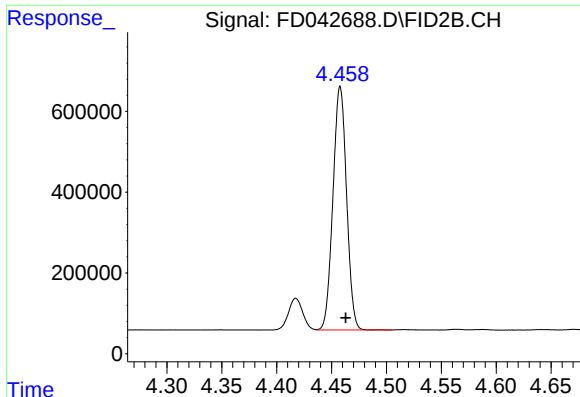
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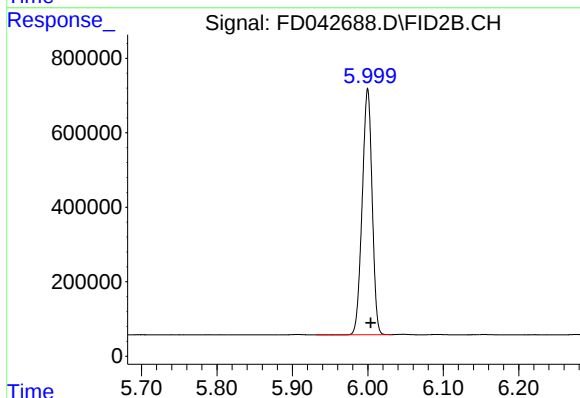




#1 1,2,3-Trimethylbenzene (C10.1)

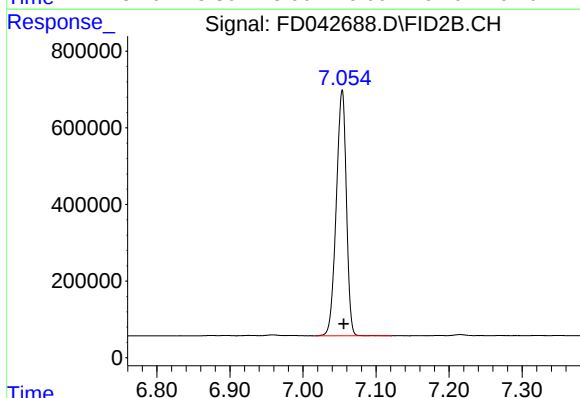
R.T.: 4.458 min
Delta R.T.: -0.005 min
Response: 5193569
Conc: 31.02 ug/ml

Instrument :
FID_D
ClientSampleId :
PB144729BSD



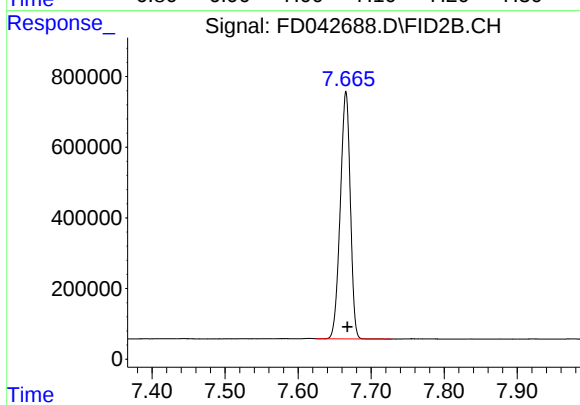
#2 Naphthalene (C11.7)

R.T.: 6.000 min
Delta R.T.: -0.004 min
Response: 6037892
Conc: 34.92 ug/ml



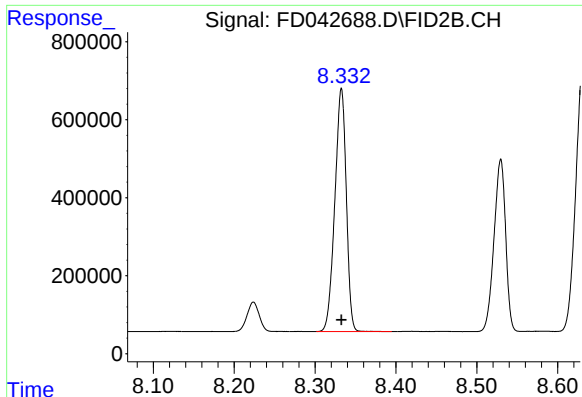
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.053 min
Delta R.T.: -0.002 min
Response: 6166684
Conc: 38.67 ug/ml



#4 2-Bromonaphthalene (SURR)

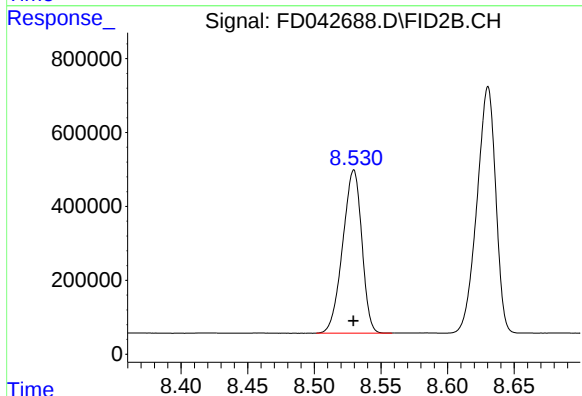
R.T.: 7.665 min
Delta R.T.: -0.002 min
Response: 6671319
Conc: 43.66 ug/ml



#5 Acenaphthylene (C15.06)

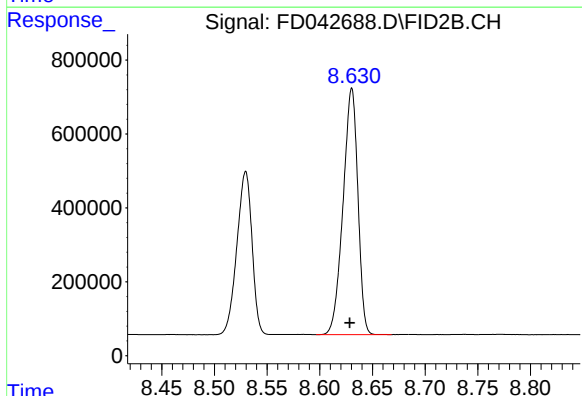
R.T.: 8.332 min
Delta R.T.: 0.000 min
Response: 6126392
Conc: 35.46 ug/ml

Instrument :
FID_D
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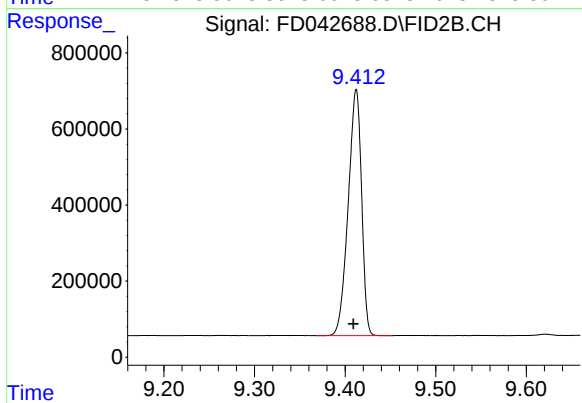
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 4406630
Conc: 42.85 ug/ml



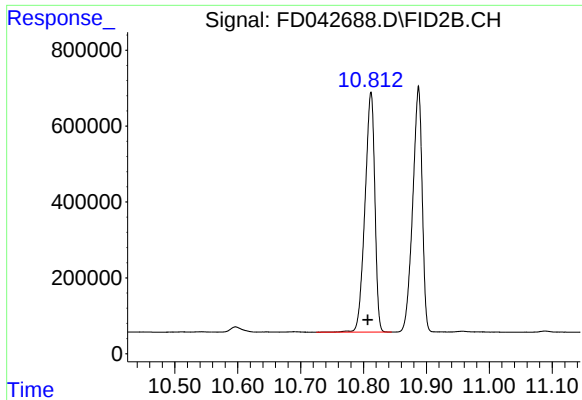
#7 Acenaphthene (C15.5)

R.T.: 8.630 min
Delta R.T.: 0.002 min
Response: 6533470
Conc: 37.97 ug/ml



#8 Flouorene (C16.55)

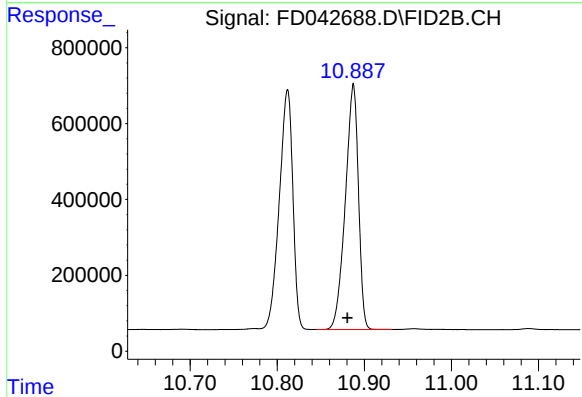
R.T.: 9.412 min
Delta R.T.: 0.002 min
Response: 6640216
Conc: 39.55 ug/ml



#9 Phenanthrene (C19.36)

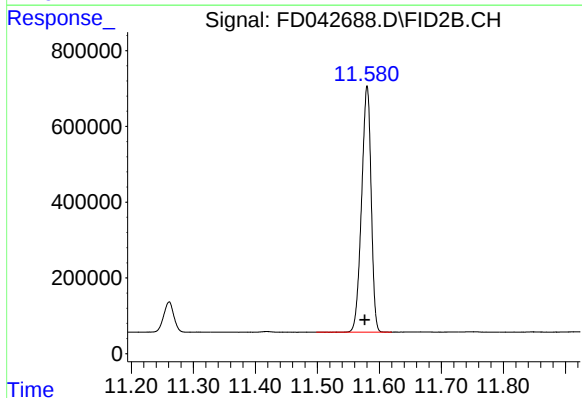
R.T.: 10.811 min
Delta R.T.: 0.005 min
Response: 6880029
Conc: 41.84 ug/ml

Instrument :
FID_D
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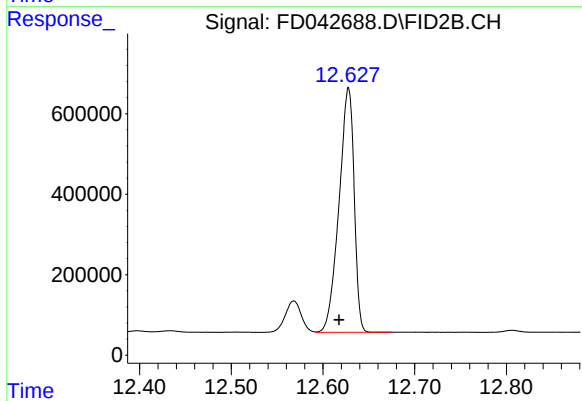
#10 Anthracene (C19.43)

R.T.: 10.887 min
Delta R.T.: 0.007 min
Response: 6759337
Conc: 44.22 ug/ml



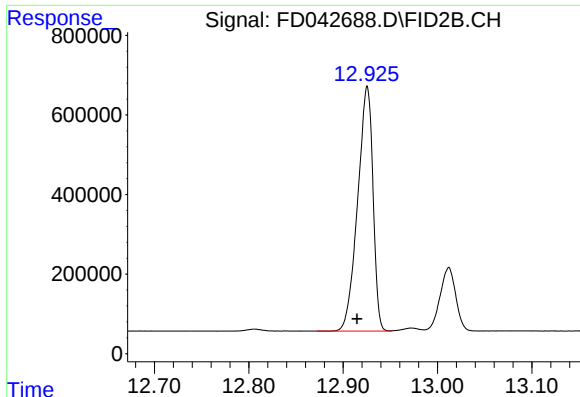
#11 ortho-Terphenyl (SURR)

R.T.: 11.580 min
Delta R.T.: 0.004 min
Response: 6943418
Conc: 39.11 ug/ml



#12 Fluoranthene (C21.85)

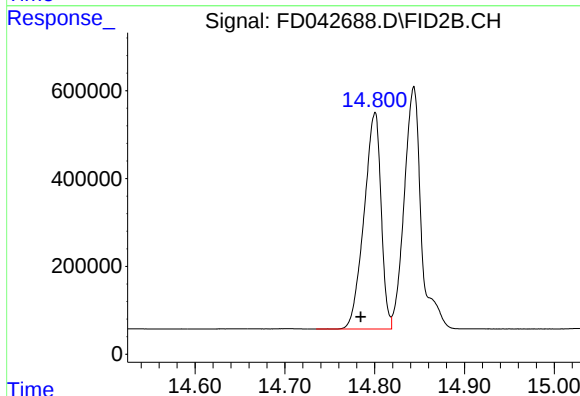
R.T.: 12.627 min
Delta R.T.: 0.010 min
Response: 6971173
Conc: 44.25 ug/ml



#13 Pyrene (C20.8)

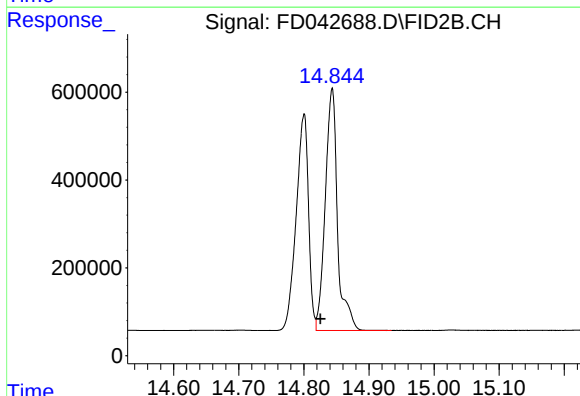
R.T.: 12.925 min
Delta R.T.: 0.010 min
Response: 6943394
Conc: 44.60 ug/ml

Instrument :
FID_D
ClientSampleId :
PB144729BSD



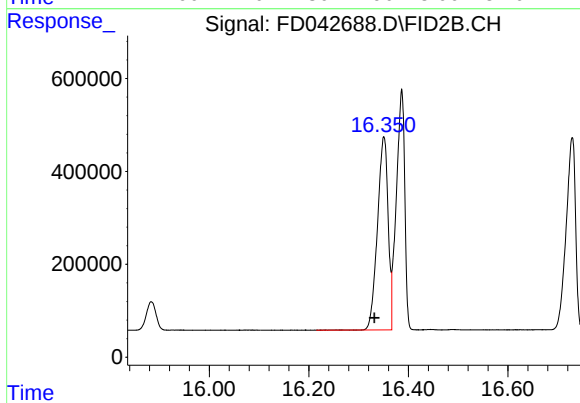
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.800 min
Delta R.T.: 0.016 min
Response: 6489777
Conc: 48.67 ug/ml



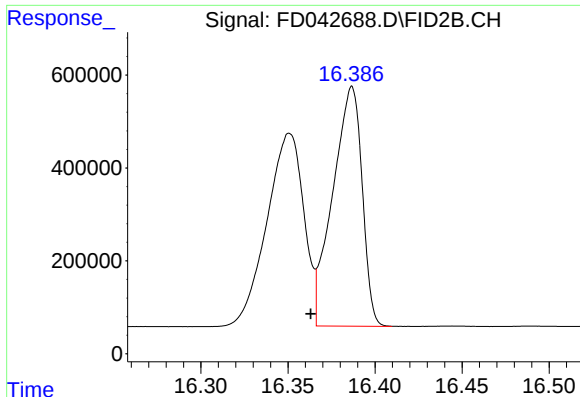
#15 Chrysene (C27.41)

R.T.: 14.843 min
Delta R.T.: 0.018 min
Response: 7217060
Conc: 54.63 ug/ml



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

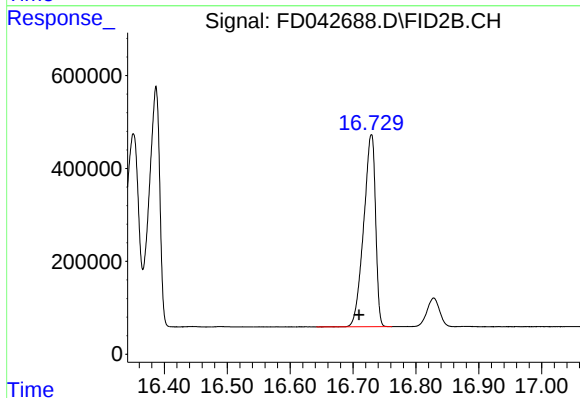
R.T.: 16.351 min
Delta R.T.: 0.019 min
Response: 6171167
Conc: 46.32 ug/ml



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

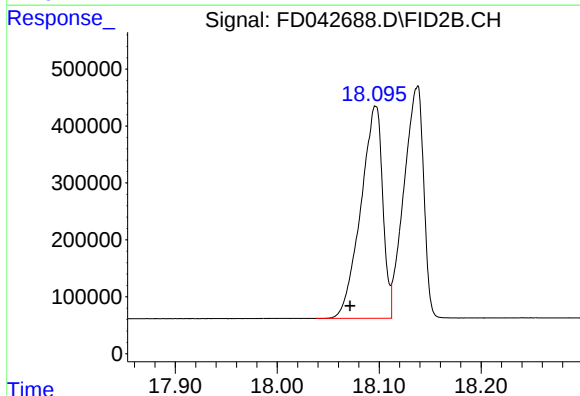
R.T.: 16.386 min
Delta R.T.: 0.023 min
Response: 5990170
Conc: 48.36 ug/ml

Instrument :
FID_D
ClientSampleId :
PB144729BSD



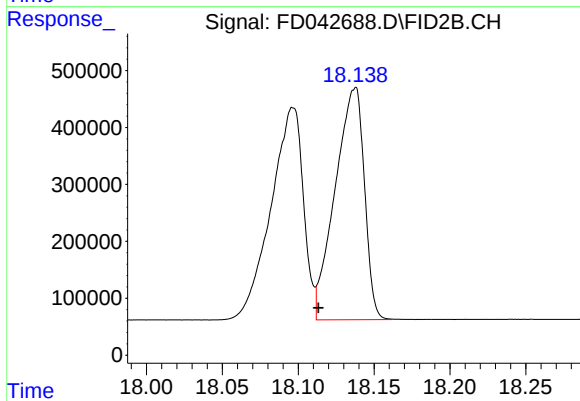
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.729 min
Delta R.T.: 0.019 min
Response: 5421667
Conc: 43.80 ug/ml



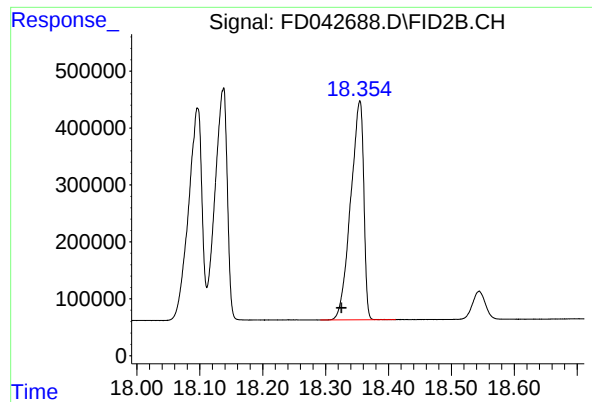
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.096 min
Delta R.T.: 0.024 min
Response: 5576598
Conc: 50.03 ug/ml



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

R.T.: 18.138 min
Delta R.T.: 0.025 min
Response: 5455093
Conc: 49.04 ug/ml m



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

R.T.: 18.354 min
Delta R.T.: 0.028 min
Response: 5554588
Conc: 46.73 ug/ml

Instrument :

FID_D

ClientSampleId :

PB144729BSD