

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091620AR\
 Data File : FD034735.D
 Signal(s) : FID2B.CH
 Acq On : 16 Sep 2020 17:40
 Operator : DD\AJ
 Sample : PB131655BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB131655BS

Integration File: autoint1.e
 Quant Time: Sep 17 00:45:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:30:57 2020
 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...	7.685	4938204	48.146 ug/ml
Spiked Amount 50.000		Recovery =	96.29%
6) S 2-Fluorobiphenyl (SURR)	8.551	3402432	47.288 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.58%
11) S ortho-Terphenyl (SURR)	11.592	4353880	36.343 ug/ml
Spiked Amount 50.000		Recovery =	72.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.477	3457202	30.536 ug/ml
2) T Naphthalene (C11.7)	6.021	3907402	33.476 ug/ml
3) T 2-Methylnaphthalene (...)	7.074	4034877	34.163 ug/ml
5) T Acenaphthylene (C15.06)	8.353	4024507	34.435 ug/ml
7) T Acenaphthene (C15.5)	8.649	4261995	35.822 ug/ml
8) T Fluorene (C16.55)	9.430	4247526	36.839 ug/ml
9) T Phenanthrene (C19.36)	10.829	4229316	36.273 ug/ml
10) T Anthracene (C19.43)	10.904	4157908	36.499 ug/ml
12) T Fluoranthene (C21.85)	12.642	4124902	35.373 ug/ml
13) T Pyrene (C20.8)	12.940	4095762	36.090 ug/ml
14) T Benzo[a]anthracene (C...	14.812	3911883	35.445 ug/ml
15) T Chrysene (C27.41)	14.854	3992673	35.746 ug/ml
16) T benzo[b]fluoranthene ...	16.396	3684308	34.397 ug/ml
17) T Bnezo[k]fluoranthene ...	16.396	3684308	34.746 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.742	3436878	32.636 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.145	3696248	36.487 ug/ml
20) T Dibenz[a,h]anthracene...	18.145	3696248	36.380 ug/ml
21) T Benzo[g,h,i]perylene ...	18.364	3709985	36.742 ug/ml

(f)=RT Delta > 1/2 Window

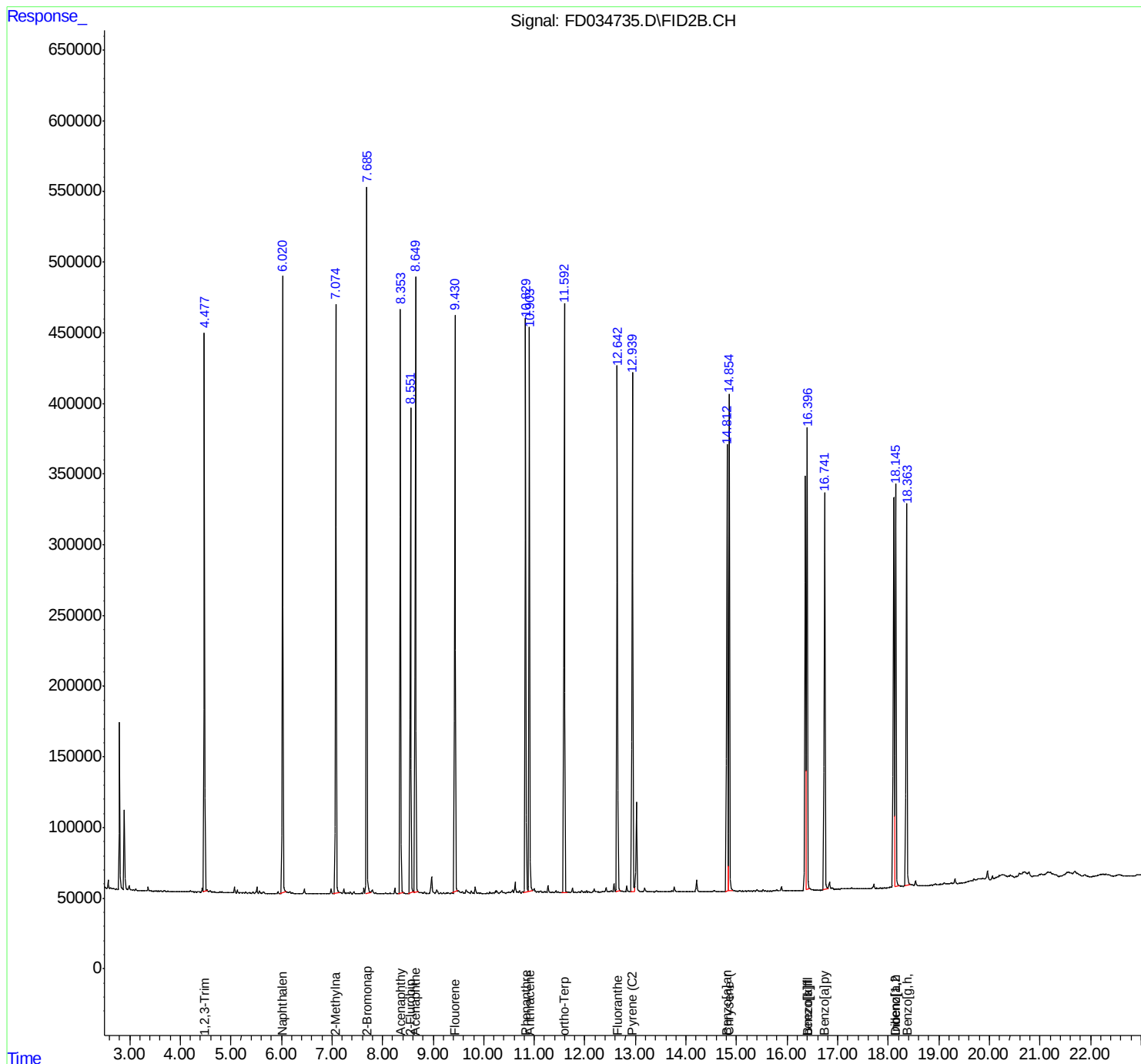
(m)=manual int.

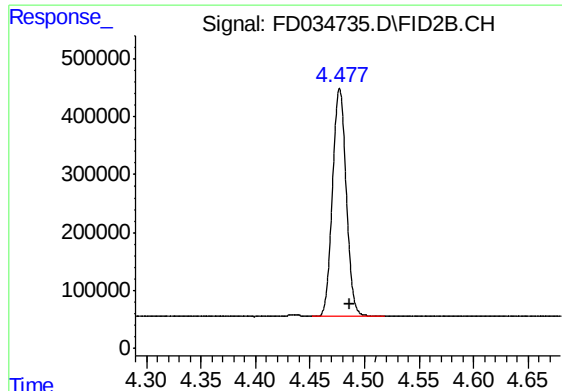
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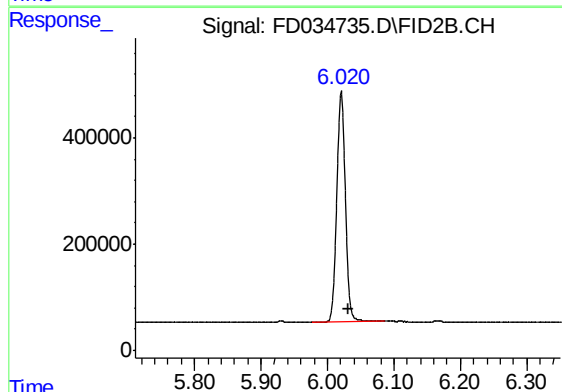




#1 1,2,3-Trimethylbenzene (C10.1)

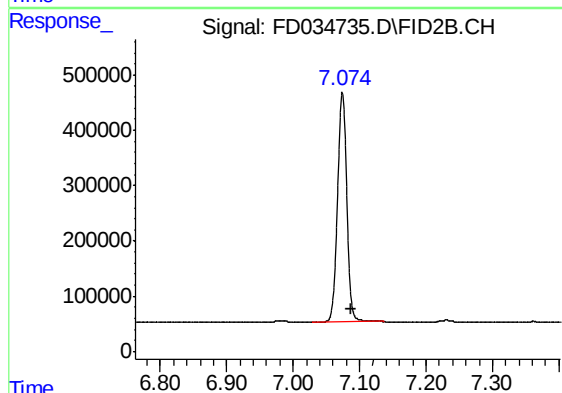
R.T.: 4.477 min
Delta R.T.: -0.009 min
Response: 3457202
Conc: 30.54 ug/ml

Instrument :
FID_D
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PB131655BS



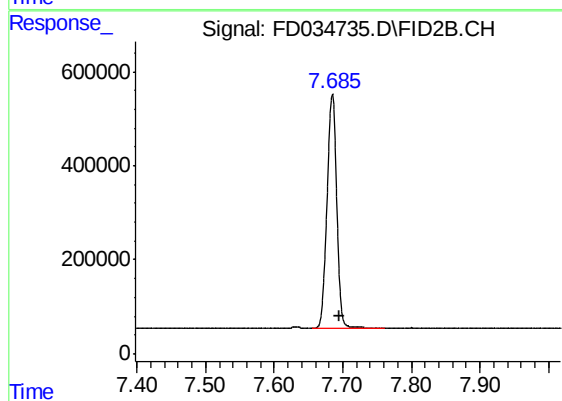
#2 Naphthalene (C11.7)

R.T.: 6.021 min
Delta R.T.: -0.011 min
Response: 3907402
Conc: 33.48 ug/ml



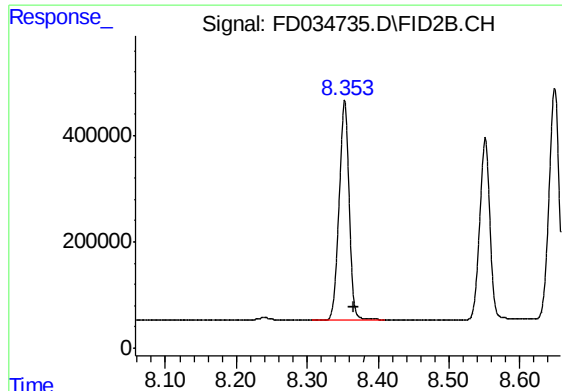
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.074 min
Delta R.T.: -0.012 min
Response: 4034877
Conc: 34.16 ug/ml



#4 2-Bromonaphthalene (SURR)

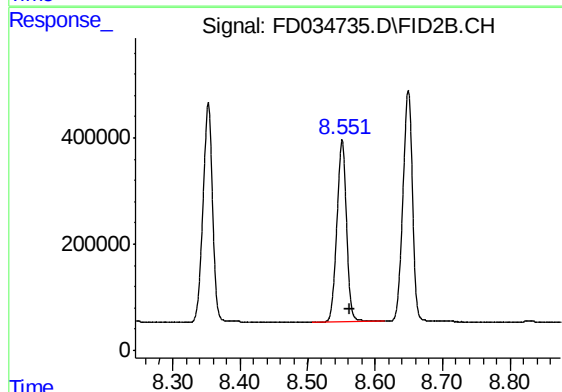
R.T.: 7.685 min
Delta R.T.: -0.010 min
Response: 4938204
Conc: 48.15 ug/ml



#5 Acenaphthylene (C15.06)

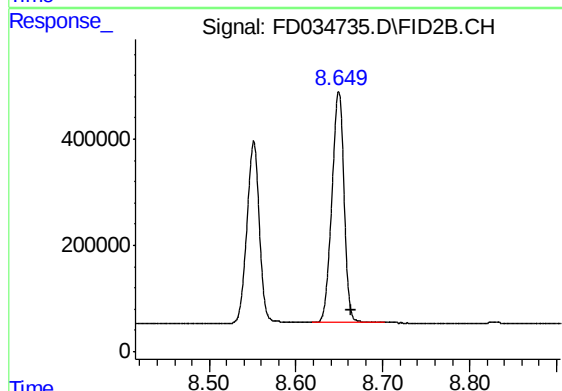
R.T.: 8.353 min
Delta R.T.: -0.012 min
Response: 4024507
Conc: 34.44 ug/ml

Instrument :
FID_D
ClientSampleId :
PB131655BS



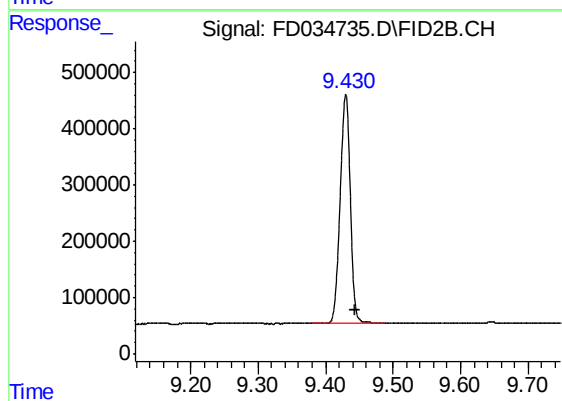
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.551 min
Delta R.T.: -0.010 min
Response: 3402432
Conc: 47.29 ug/ml



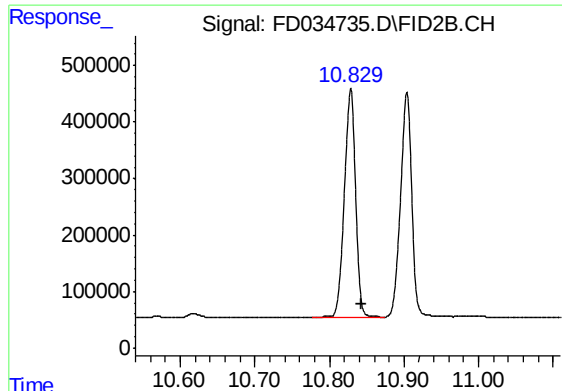
#7 Acenaphthene (C15.5)

R.T.: 8.649 min
Delta R.T.: -0.014 min
Response: 4261995
Conc: 35.82 ug/ml



#8 Flouorene (C16.55)

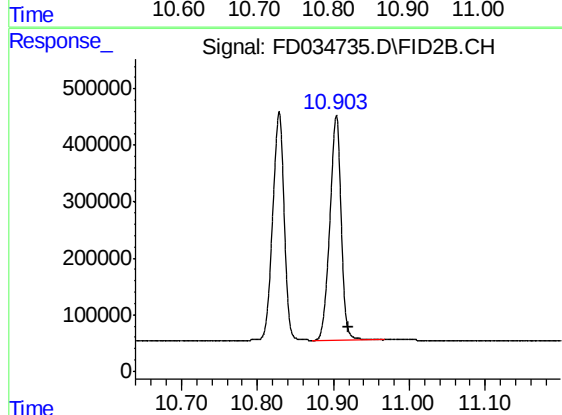
R.T.: 9.430 min
Delta R.T.: -0.013 min
Response: 4247526
Conc: 36.84 ug/ml



#9 Phenanthrene (C19.36)

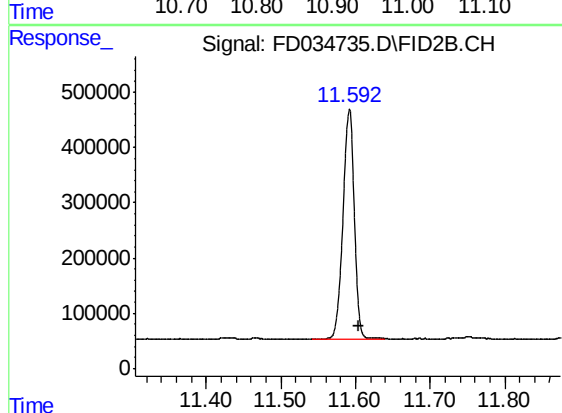
R.T.: 10.829 min
Delta R.T.: -0.014 min
Response: 4229316
Conc: 36.27 ug/ml

Instrument :
FID_D
ClientSampleId :
PB131655BS



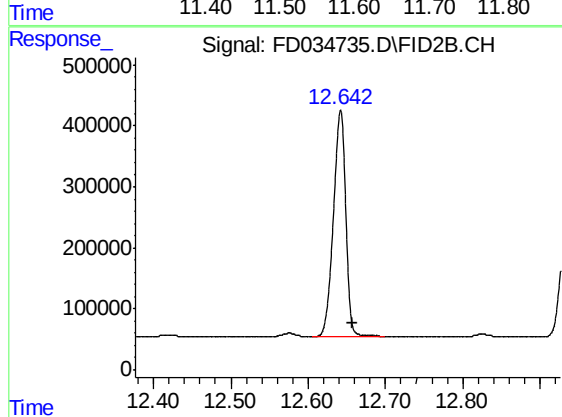
#10 Anthracene (C19.43)

R.T.: 10.904 min
Delta R.T.: -0.015 min
Response: 4157908
Conc: 36.50 ug/ml



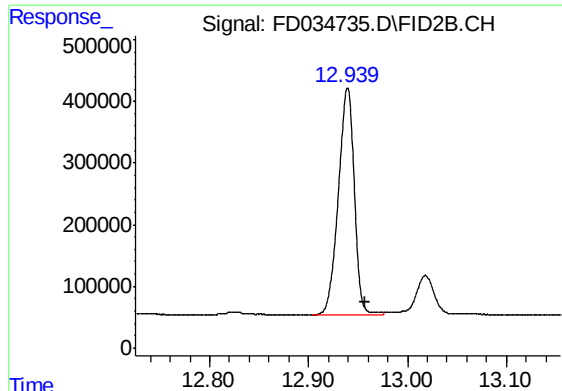
#11 ortho-Terphenyl (SURR)

R.T.: 11.592 min
Delta R.T.: -0.012 min
Response: 4353880
Conc: 36.34 ug/ml



#12 Fluoranthene (C21.85)

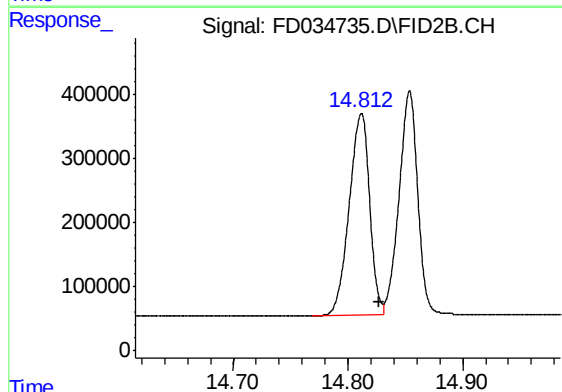
R.T.: 12.642 min
Delta R.T.: -0.016 min
Response: 4124902
Conc: 35.37 ug/ml



#13 Pyrene (C20.8)

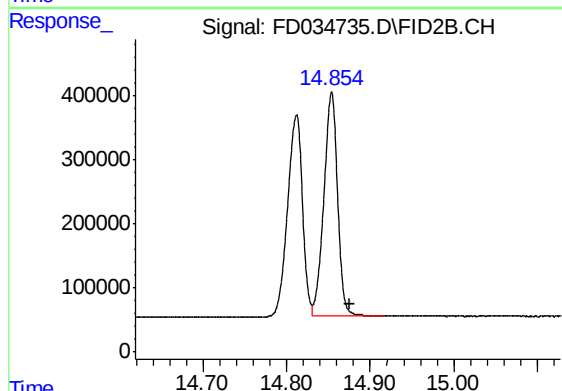
R.T.: 12.940 min
Delta R.T.: -0.017 min
Response: 4095762
Conc: 36.09 ug/ml

Instrument :
FID_D
ClientSampleId :
PB131655BS



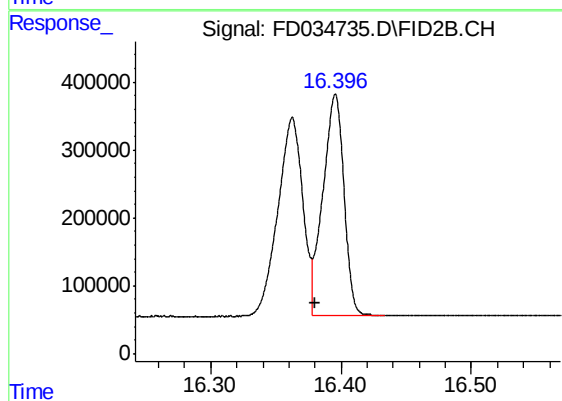
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.812 min
Delta R.T.: -0.016 min
Response: 3911883
Conc: 35.45 ug/ml



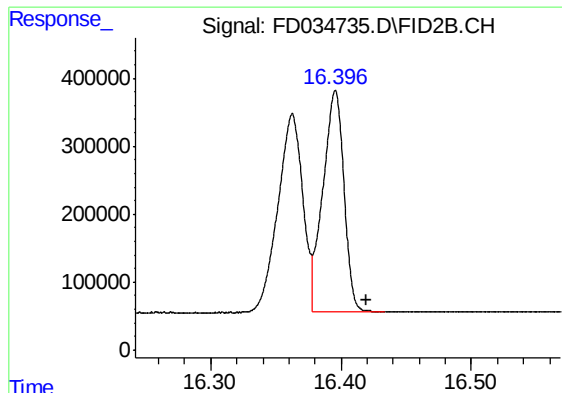
#15 Chrysene (C27.41)

R.T.: 14.854 min
Delta R.T.: -0.022 min
Response: 3992673
Conc: 35.75 ug/ml



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

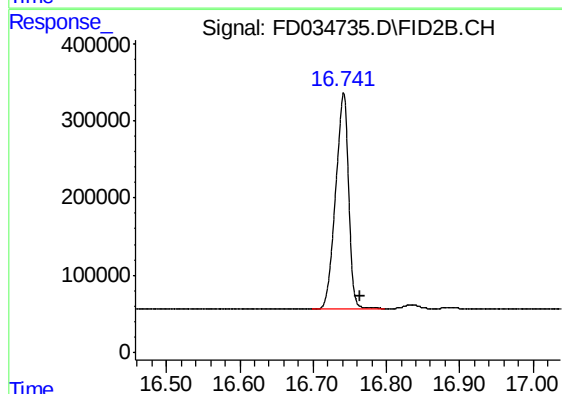
R.T.: 16.396 min
Delta R.T.: 0.015 min
Response: 3684308
Conc: 34.40 ug/ml



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

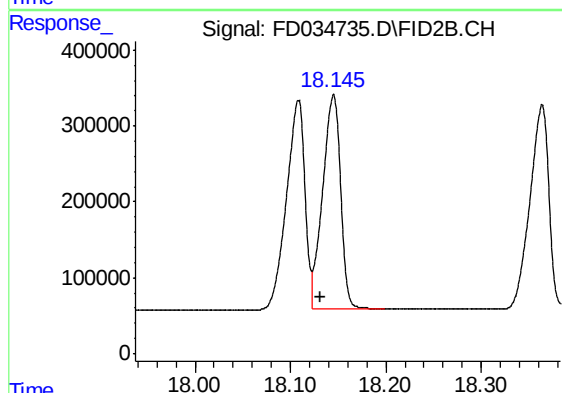
R.T.: 16.396 min
Delta R.T.: -0.024 min
Response: 3684308
Conc: 34.75 ug/ml

Instrument :
FID_D
ClientSampleId :
PB131655BS



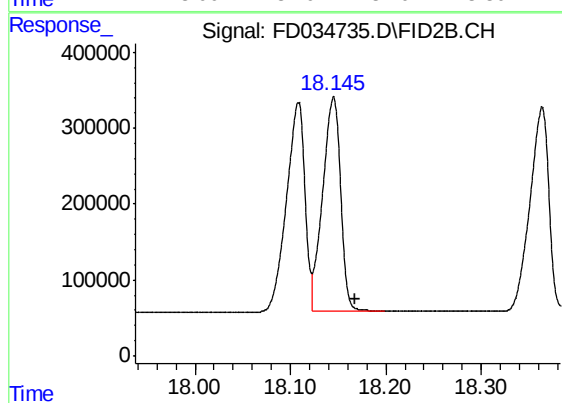
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.742 min
Delta R.T.: -0.021 min
Response: 3436878
Conc: 32.64 ug/ml



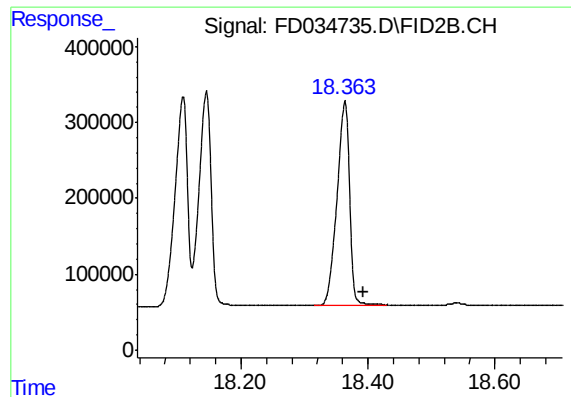
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.145 min
Delta R.T.: 0.014 min
Response: 3696248
Conc: 36.49 ug/ml



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

R.T.: 18.145 min
Delta R.T.: -0.023 min
Response: 3696248
Conc: 36.38 ug/ml



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

R.T.: 18.364 min
Delta R.T.: -0.028 min
Response: 3709985
Conc: 36.74 ug/ml

Instrument :
FID_D
ClientSampleId :
PB131655BS