

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122619AR\
 Data File : FD031890.D
 Signal(s) : FID2B.CH
 Acq On : 26 Dec 2019 15:03
 Operator : DD\AJ
 Sample : PB125718BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB125718BS

Integration File: autoint1.e
 Quant Time: Dec 27 01:36:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 03:00:09 2019
 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...	7.639	5785908	46.777 ug/ml
Spiked Amount 50.000		Recovery =	93.55%
6) S 2-Fluorobiphenyl (SURR)	8.501	3859278	45.246 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.49%
11) S ortho-Terphenyl (SURR)	11.537	5335534	40.327 ug/ml
Spiked Amount 50.000		Recovery =	80.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.442	4319671	34.182 ug/ml
2) T Naphthalene (C11.7)	5.980	4953275	36.733 ug/ml
3) T 2-Methylnaphthalene (...)	7.030	5012992	37.250 ug/ml
5) T Acenaphthylene (C15.06)	8.305	4957649	38.034 ug/ml
7) T Acenaphthene (C15.5)	8.601	5281644	39.083 ug/ml
8) T Fluorene (C16.55)	9.379	5409678	40.218 ug/ml
9) T Phenanthrene (C19.36)	10.774	5703136	42.284 ug/ml
10) T Anthracene (C19.43)	10.849	5801912	43.495 ug/ml
12) T Fluoranthene (C21.85)	12.584	5965264	44.089 ug/ml
13) T Pyrene (C20.8)	12.881	5820903	43.429 ug/ml
14) T Benzo[a]anthracene (C...	14.794	6185215	48.551 ug/ml
15) T Chrysene (C27.41)	14.794	6185215	48.479 ug/ml
16) T benzo[b]fluoranthene ...	16.333	5349663	43.426 ug/ml
17) T Bnezo[k]fluoranthene ...	16.333	5349663	44.004 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.676	5036145	42.017 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.080	5112414	44.470 ug/ml
20) T Dibenz[a,h]anthracene...	18.080	5112414	45.291 ug/ml
21) T Benzo[g,h,i]perylene ...	18.298	5111701	45.110 ug/ml

(f)=RT Delta > 1/2 Window

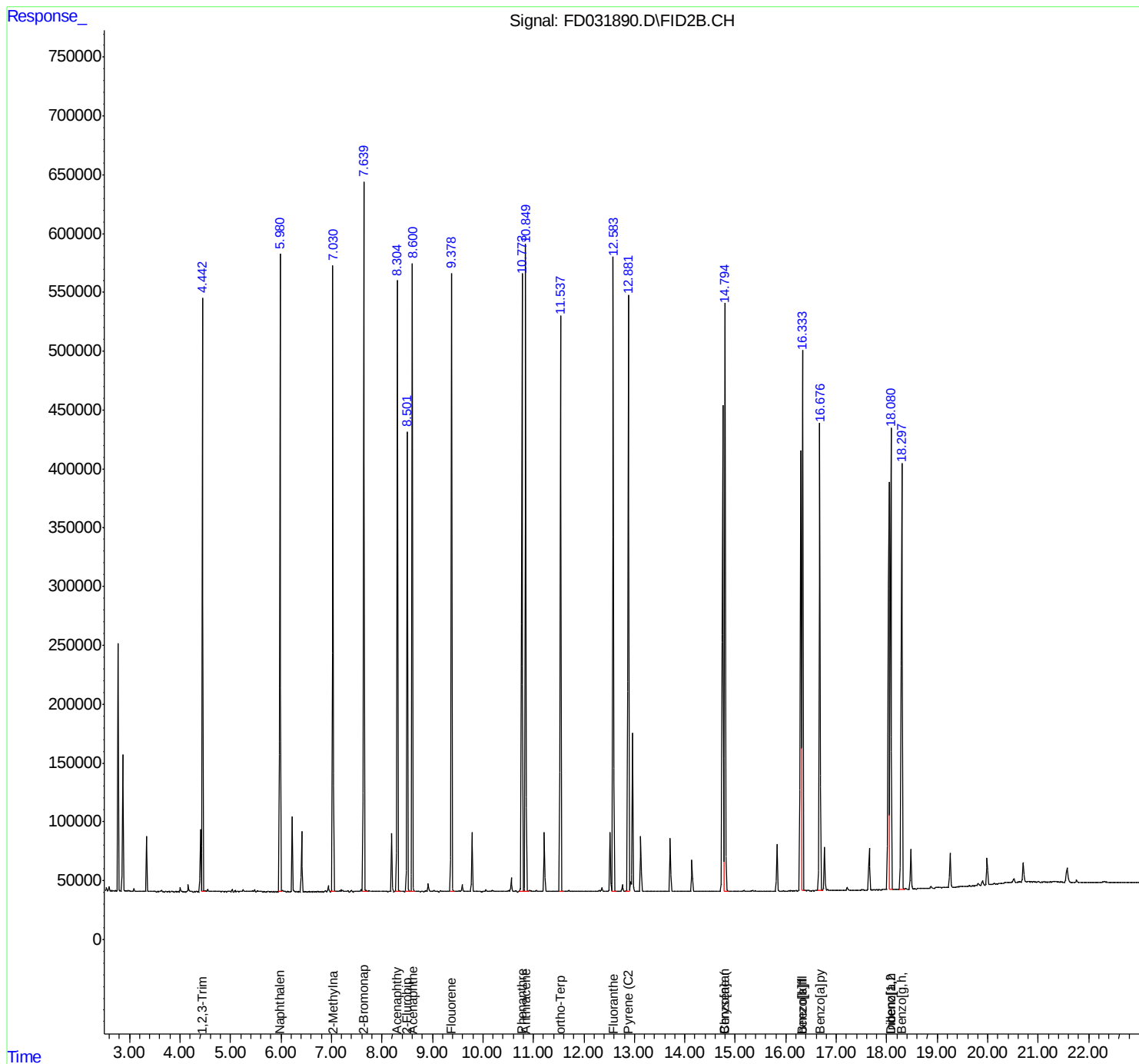
(m)=manual int.

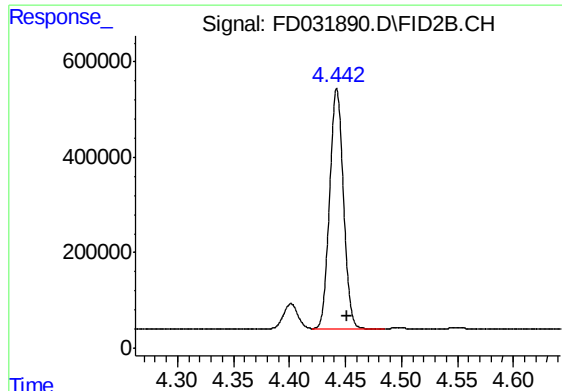
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Signal Info : 20M x 0.18mm x 0.18µm

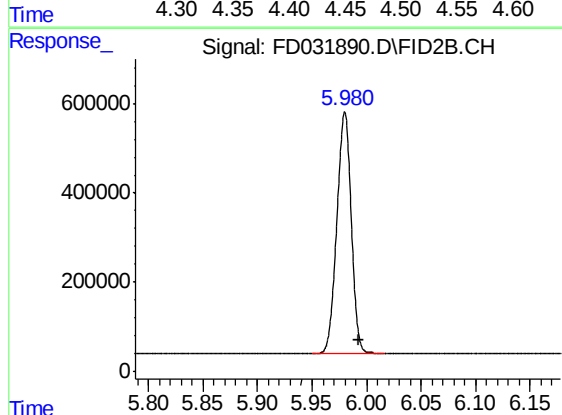




#1 1,2,3-Trimethylbenzene (C10.1)

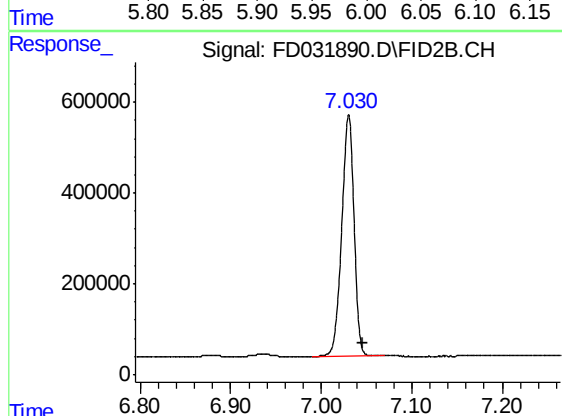
R.T.: 4.442 min
Delta R.T.: -0.010 min
Response: 4319671
Conc: 34.18 ug/ml

Instrument :
FID_D
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PB125718BS



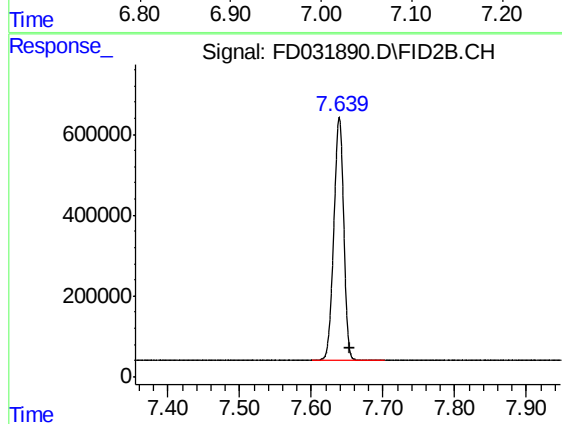
#2 Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: -0.013 min
Response: 4953275
Conc: 36.73 ug/ml



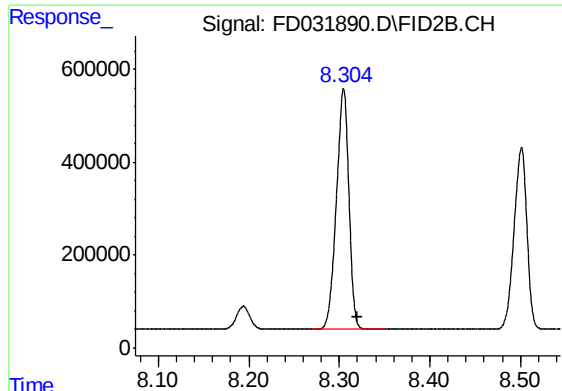
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.030 min
Delta R.T.: -0.015 min
Response: 5012992
Conc: 37.25 ug/ml



#4 2-Bromonaphthalene (SURR)

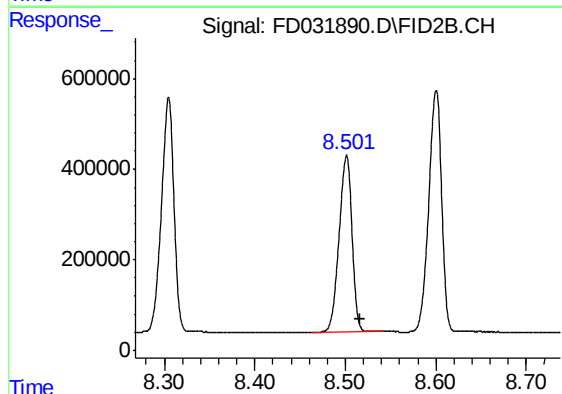
R.T.: 7.639 min
Delta R.T.: -0.014 min
Response: 5785908
Conc: 46.78 ug/ml



#5 Acenaphthylene (C15.06)

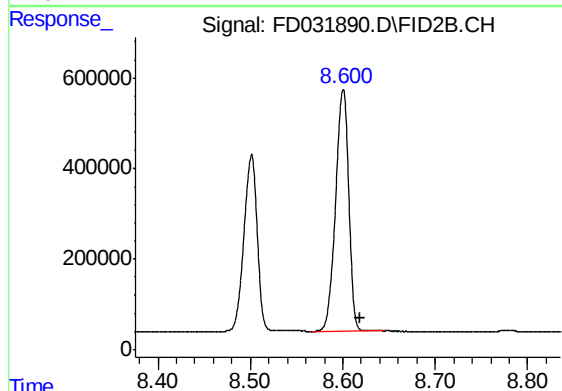
R.T.: 8.305 min
Delta R.T.: -0.016 min
Response: 4957649
Conc: 38.03 ug/ml

Instrument :
FID_D
ClientSampleId :
PB125718BS



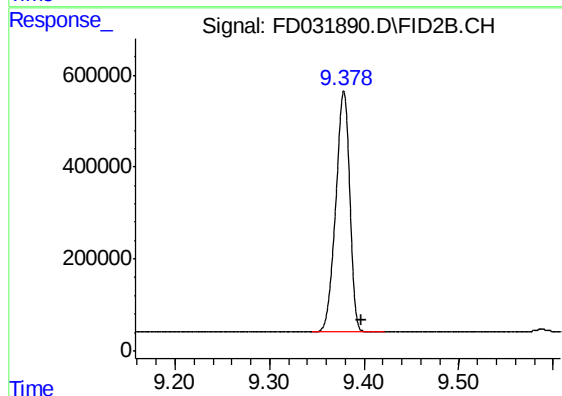
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.501 min
Delta R.T.: -0.016 min
Response: 3859278
Conc: 45.25 ug/ml



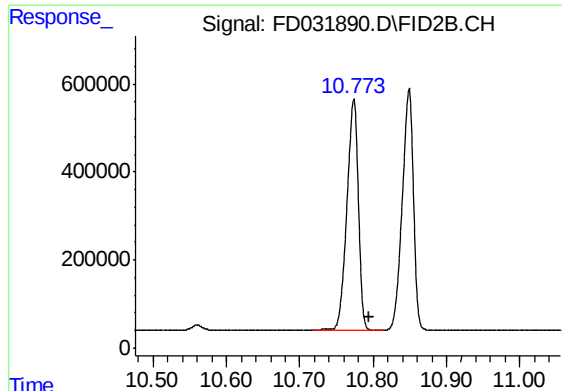
#7 Acenaphthene (C15.5)

R.T.: 8.601 min
Delta R.T.: -0.018 min
Response: 5281644
Conc: 39.08 ug/ml



#8 Flouorene (C16.55)

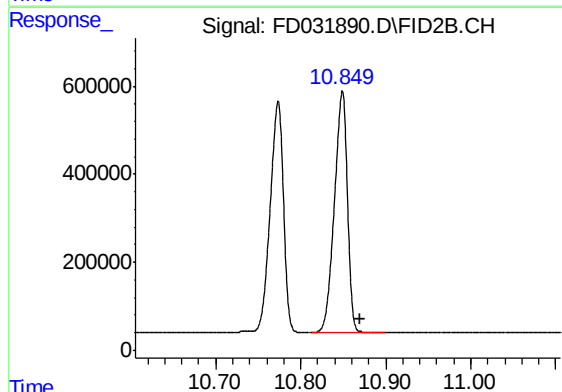
R.T.: 9.379 min
Delta R.T.: -0.018 min
Response: 5409678
Conc: 40.22 ug/ml



#9 Phenanthrene (C19.36)

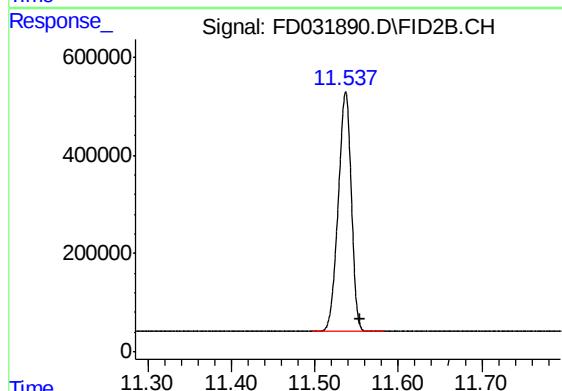
R.T.: 10.774 min
Delta R.T.: -0.020 min
Response: 5703136
Conc: 42.28 ug/ml

Instrument :
FID_D
ClientSampleId :
PB125718BS



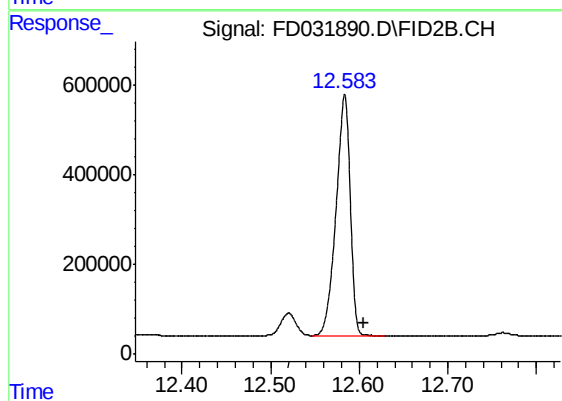
#10 Anthracene (C19.43)

R.T.: 10.849 min
Delta R.T.: -0.021 min
Response: 5801912
Conc: 43.50 ug/ml



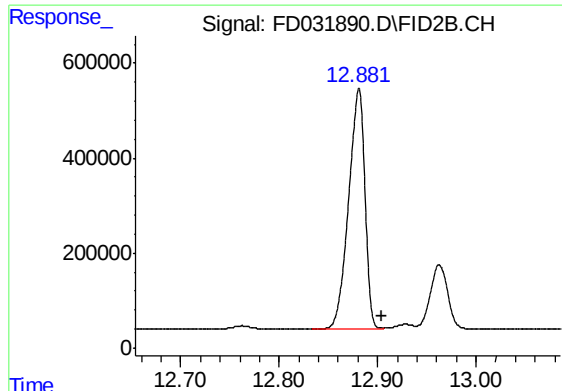
#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.017 min
Response: 5335534
Conc: 40.33 ug/ml



#12 Fluoranthene (C21.85)

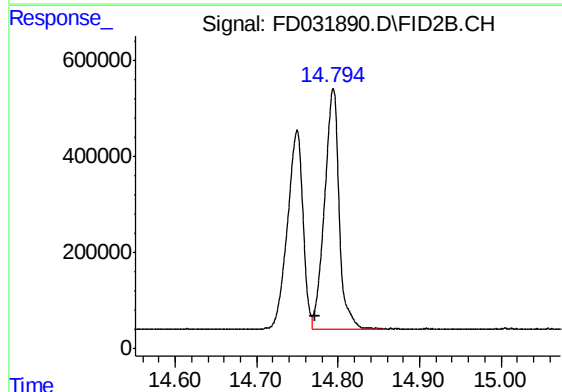
R.T.: 12.584 min
Delta R.T.: -0.022 min
Response: 5965264
Conc: 44.09 ug/ml



#13 Pyrene (C20.8)

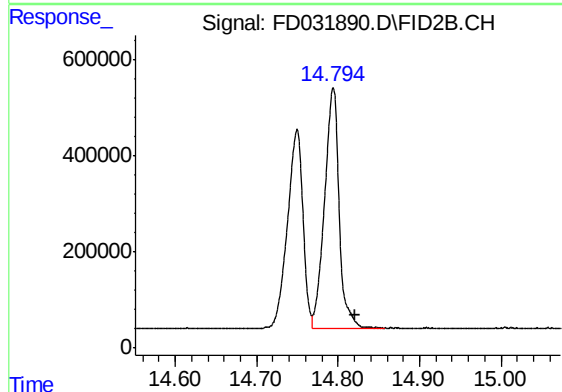
R.T.: 12.881 min
Delta R.T.: -0.023 min
Response: 5820903
Conc: 43.43 ug/ml

Instrument :
FID_D
ClientSampleId :
PB125718BS



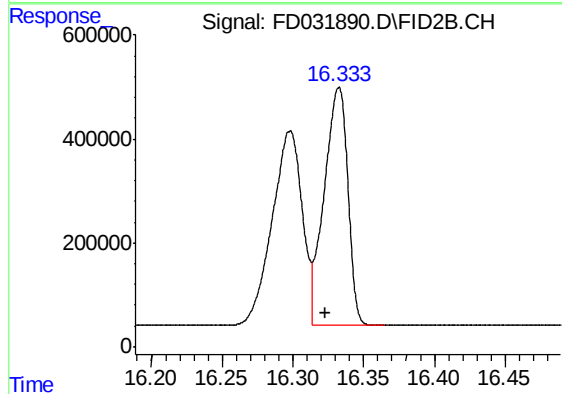
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.794 min
Delta R.T.: 0.022 min
Response: 6185215
Conc: 48.55 ug/ml



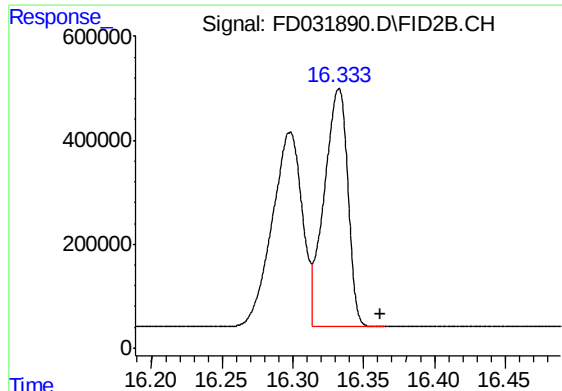
#15 Chrysene (C27.41)

R.T.: 14.794 min
Delta R.T.: -0.026 min
Response: 6185215
Conc: 48.48 ug/ml



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

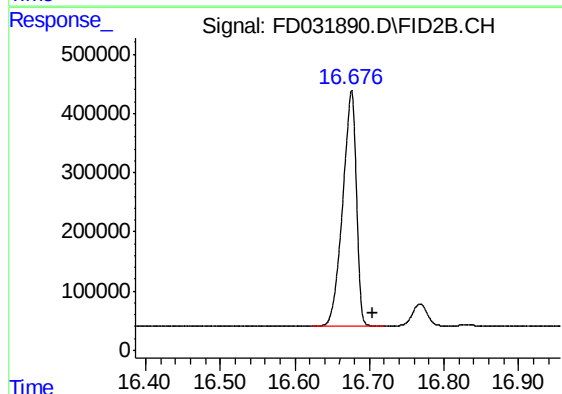
R.T.: 16.333 min
Delta R.T.: 0.010 min
Response: 5349663
Conc: 43.43 ug/ml



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

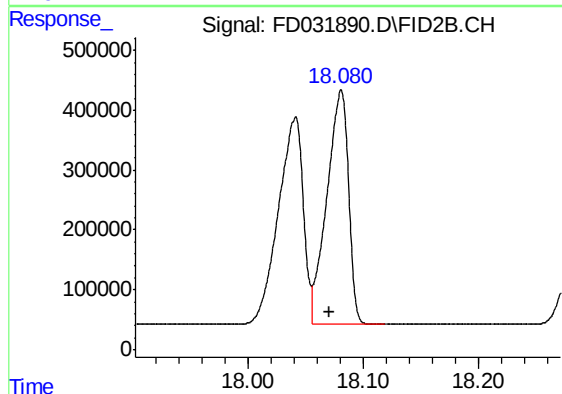
R.T.: 16.333 min
Delta R.T.: -0.029 min
Response: 5349663
Conc: 44.00 ug/ml

Instrument :
FID_D
ClientSampleId :
PB125718BS



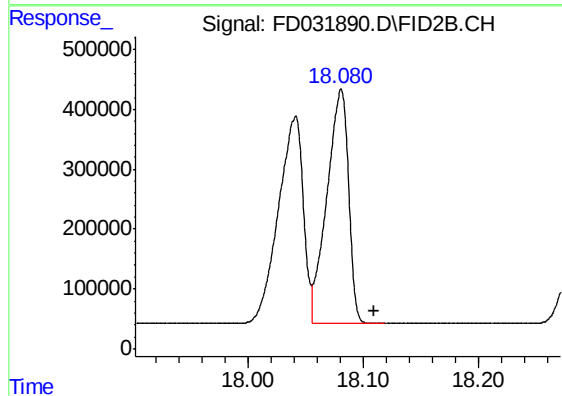
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.676 min
Delta R.T.: -0.029 min
Response: 5036145
Conc: 42.02 ug/ml



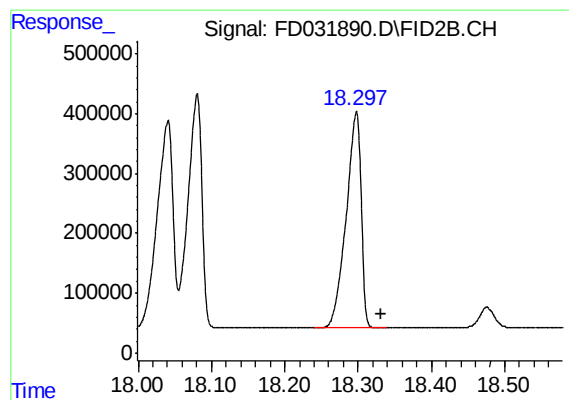
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.080 min
Delta R.T.: 0.010 min
Response: 5112414
Conc: 44.47 ug/ml



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

R.T.: 18.080 min
Delta R.T.: -0.029 min
Response: 5112414
Conc: 45.29 ug/ml



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

R.T.: 18.298 min
Delta R.T.: -0.034 min
Response: 5111701
Conc: 45.11 ug/ml

Instrument :
FID_D
ClientSampleId :
PB125718BS