

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121720AR\
 Data File : FD035810.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2020 14:23
 Operator : DD\AJ
 Sample : PB133637BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 18 00:25:17 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 09:48:30 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...	7.590	5107360	40.075 ug/ml
Spiked Amount 50.000		Recovery =	80.15%
6) S 2-Fluorobiphenyl (SURR)	8.456	2395122	27.624 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	55.25%
11) S ortho-Terphenyl (SURR)	11.489	4511164	30.482 ug/ml
Spiked Amount 50.000		Recovery =	60.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.389	2971333	20.518 ug/ml
2) T Naphthalene (C11.7)	5.928	3563870	23.696 ug/ml
3) T 2-Methylnaphthalene (...)	6.980	3812005	25.263 ug/ml
5) T Acenaphthylene (C15.06)	8.255	4213979	28.790 ug/ml
7) T Acenaphthene (C15.5)	8.550	4176939	27.590 ug/ml
8) T Flouorene (C16.55)	9.333	4192763	29.210 ug/ml
9) T Phenanthrene (C19.36)	10.730	4315533	30.347 ug/ml
10) T Anthracene (C19.43)	10.807	4387801	30.671 ug/ml
12) T Fluoranthene (C21.85)	12.544	4314861	30.948 ug/ml
13) T Pyrene (C20.8)	12.841	4239395	31.303 ug/ml
14) T Benzo[a]anthracene (C...	14.759	4793233	41.216 ug/ml
15) T Chrysene (C27.41)	14.759	4793233	37.496 ug/ml
16) T benzo[b]fluoranthene ...	16.304	4226557	39.073 ug/ml
17) T Bnezo[k]fluoranthene ...	16.304	4226557	38.089 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.652	4169309	42.282 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.055	4374646	45.226 ug/ml
20) T Dibenz[a,h]anthracene...	18.055	4374646	42.405 ug/ml
21) T Benzo[g,h,i]perylene ...	18.277	4166534	42.077 ug/ml

(f)=RT Delta > 1/2 Window

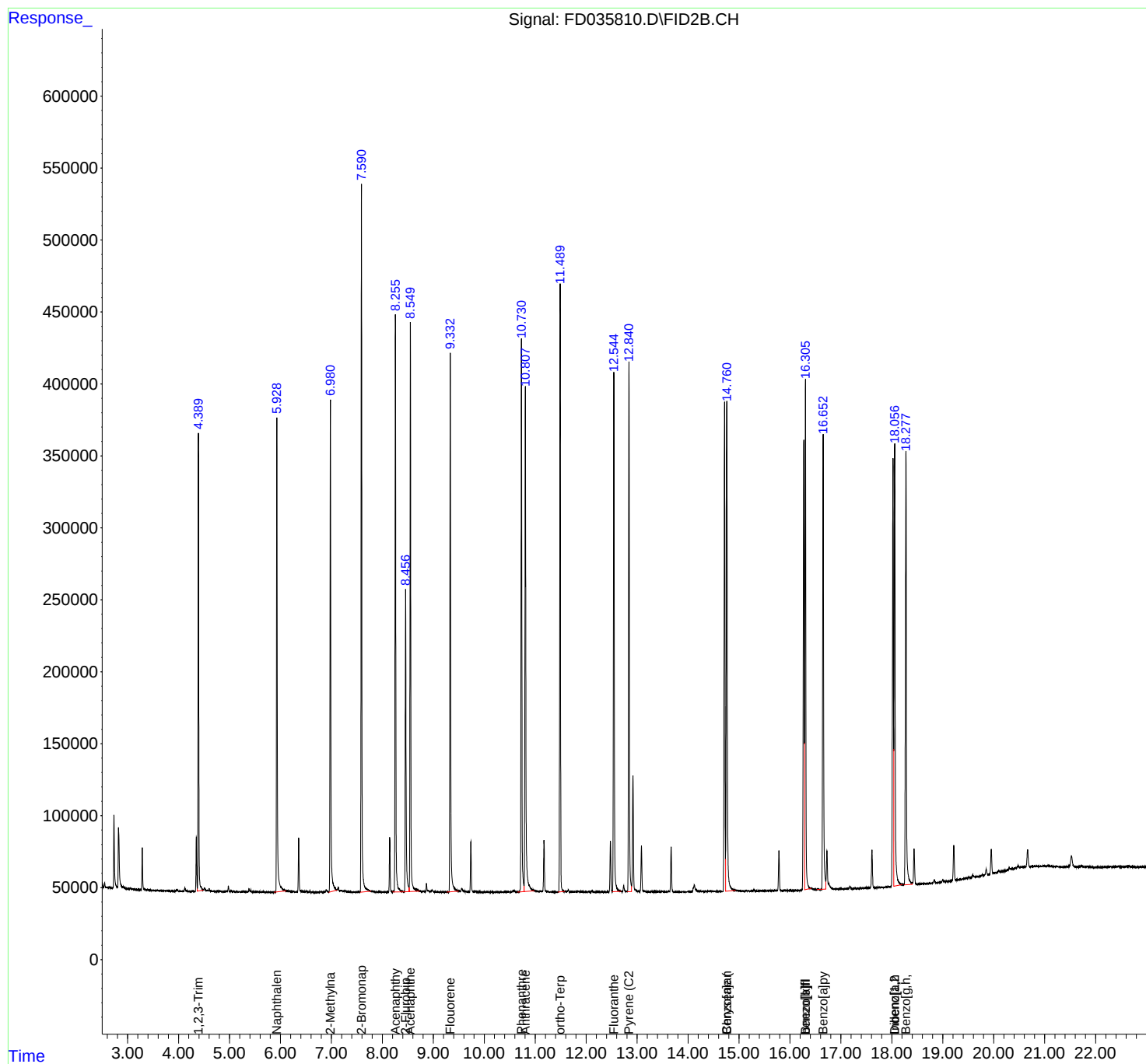
(m)=manual int.

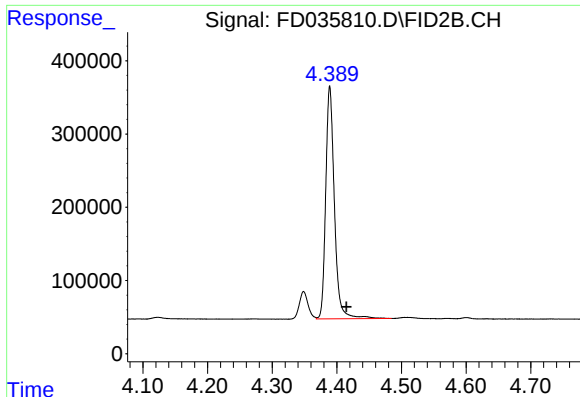
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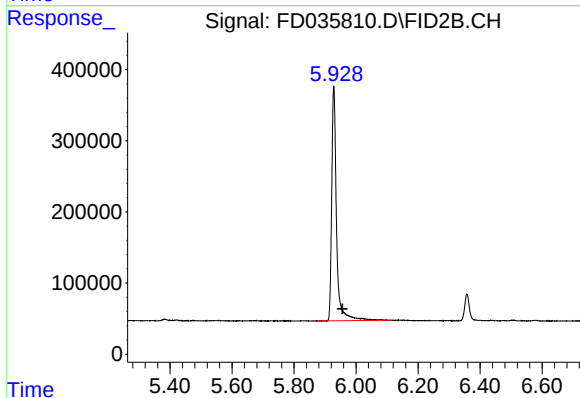




#1 1,2,3-Trimethylbenzene (C10.1)

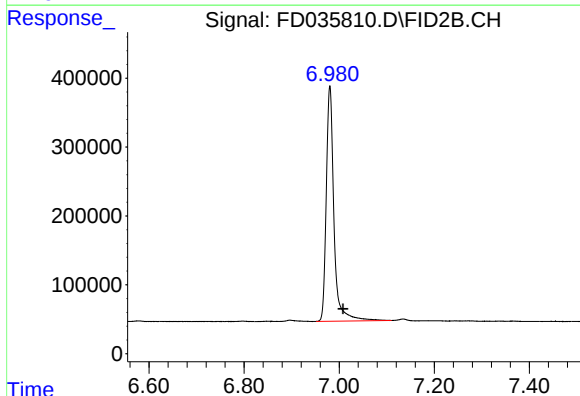
R.T.: 4.389 min
Delta R.T.: -0.026 min
Response: 2971333
Conc: 20.52 ug/ml

Instrument :
FID_D
ClientSampleId :



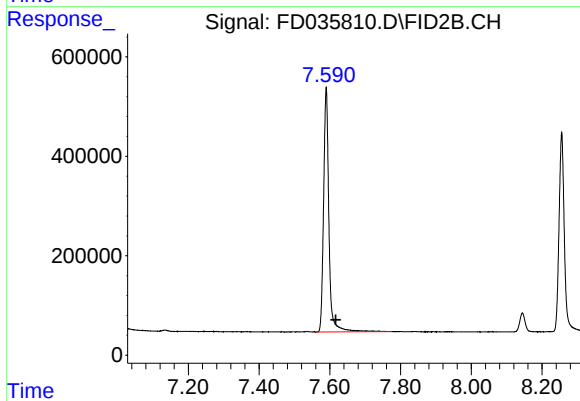
#2 Naphthalene (C11.7)

R.T.: 5.928 min
Delta R.T.: -0.027 min
Response: 3563870
Conc: 23.70 ug/ml



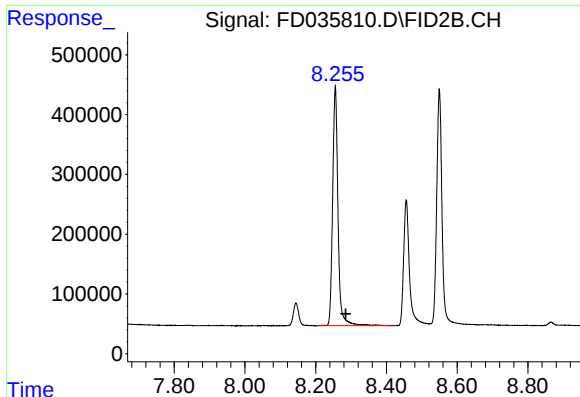
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: -0.028 min
Response: 3812005
Conc: 25.26 ug/ml



#4 2-Bromonaphthalene (SURR)

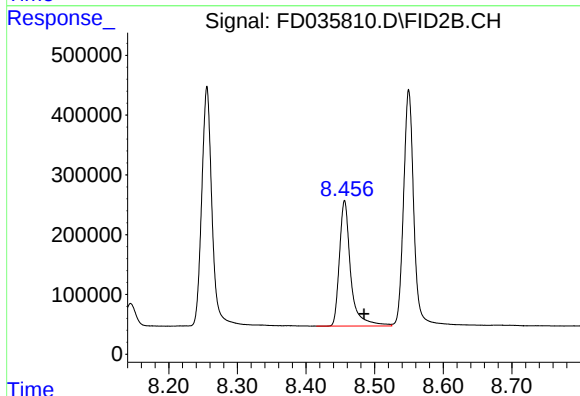
R.T.: 7.590 min
Delta R.T.: -0.027 min
Response: 5107360
Conc: 40.08 ug/ml



#5 Acenaphthylene (C15.06)

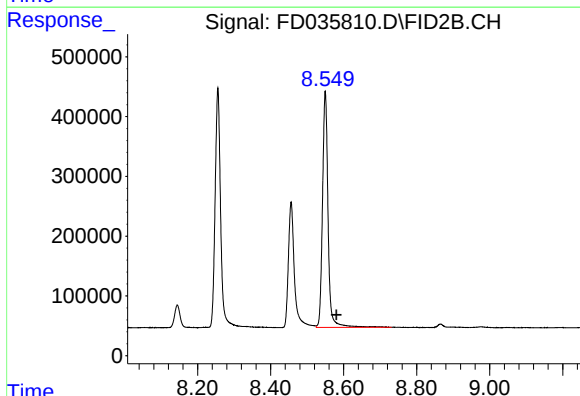
R.T.: 8.255 min
Delta R.T.: -0.030 min
Response: 4213979
Conc: 28.79 ug/ml

Instrument :
FID_D
ClientSampleId :



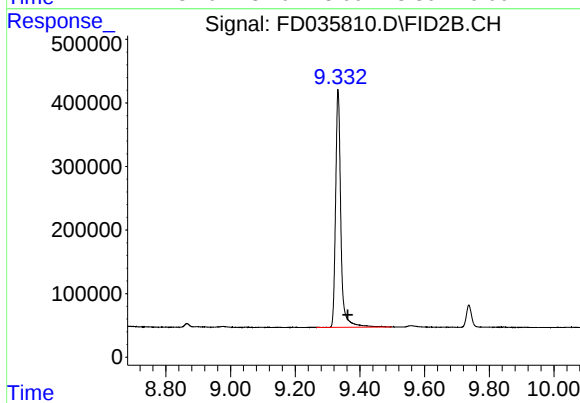
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.456 min
Delta R.T.: -0.028 min
Response: 2395122
Conc: 27.62 ug/ml



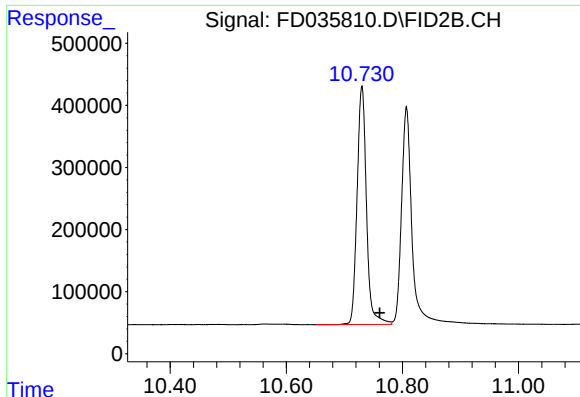
#7 Acenaphthene (C15.5)

R.T.: 8.550 min
Delta R.T.: -0.030 min
Response: 4176939
Conc: 27.59 ug/ml



#8 Fluorene (C16.55)

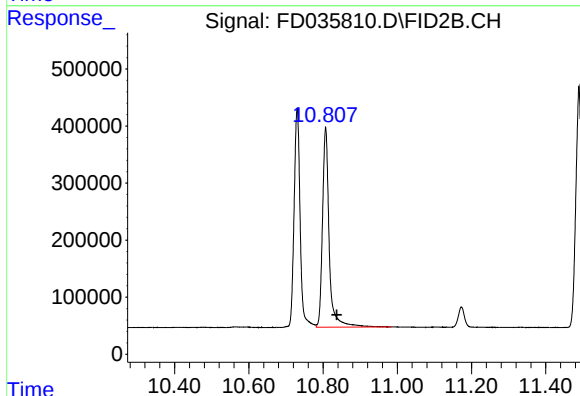
R.T.: 9.333 min
Delta R.T.: -0.030 min
Response: 4192763
Conc: 29.21 ug/ml



#9 Phenanthrene (C19.36)

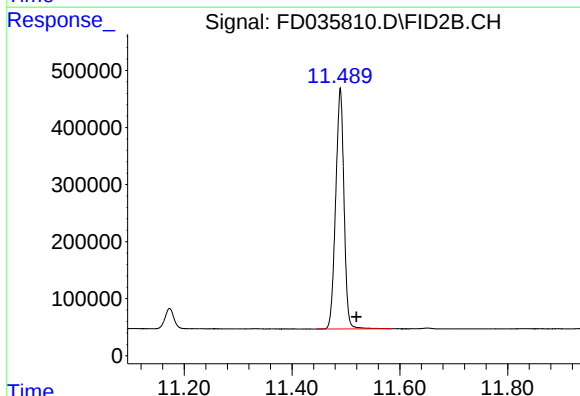
R.T.: 10.730 min
Delta R.T.: -0.031 min
Response: 4315533
Conc: 30.35 ug/ml

Instrument :
FID_D
ClientSampleId :



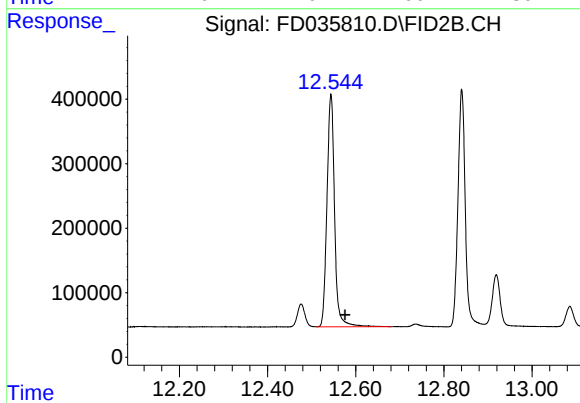
#10 Anthracene (C19.43)

R.T.: 10.807 min
Delta R.T.: -0.030 min
Response: 4387801
Conc: 30.67 ug/ml



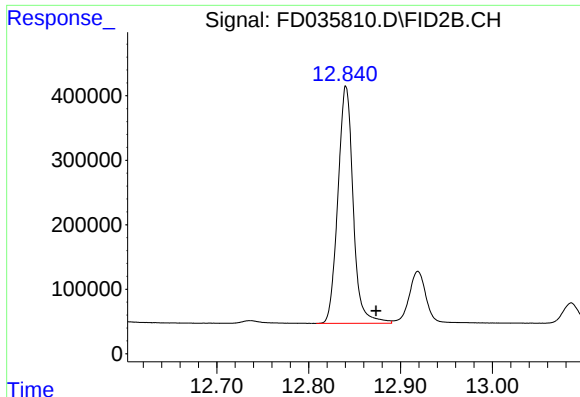
#11 ortho-Terphenyl (SURR)

R.T.: 11.489 min
Delta R.T.: -0.030 min
Response: 4511164
Conc: 30.48 ug/ml



#12 Fluoranthene (C21.85)

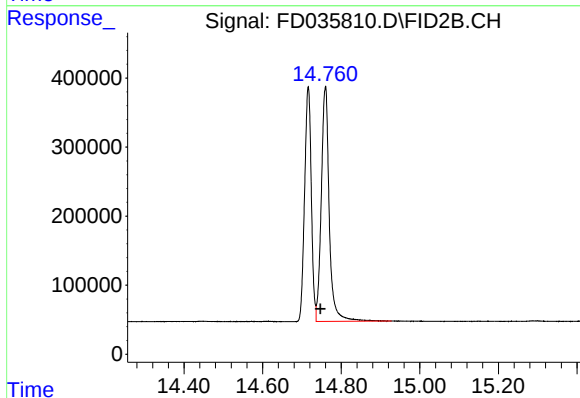
R.T.: 12.544 min
Delta R.T.: -0.032 min
Response: 4314861
Conc: 30.95 ug/ml



#13 Pyrene (C20.8)

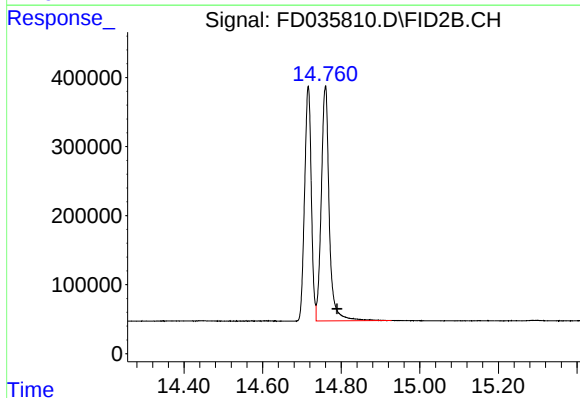
R.T.: 12.841 min
Delta R.T.: -0.033 min
Response: 4239395
Conc: 31.30 ug/ml

Instrument :
FID_D
ClientSampleId :



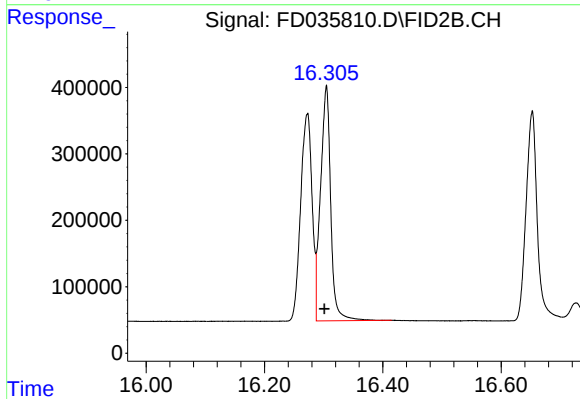
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.759 min
Delta R.T.: 0.012 min
Response: 4793233
Conc: 41.22 ug/ml



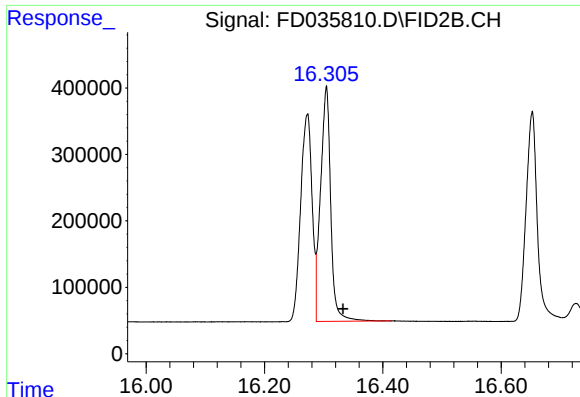
#15 Chrysene (C27.41)

R.T.: 14.759 min
Delta R.T.: -0.030 min
Response: 4793233
Conc: 37.50 ug/ml



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

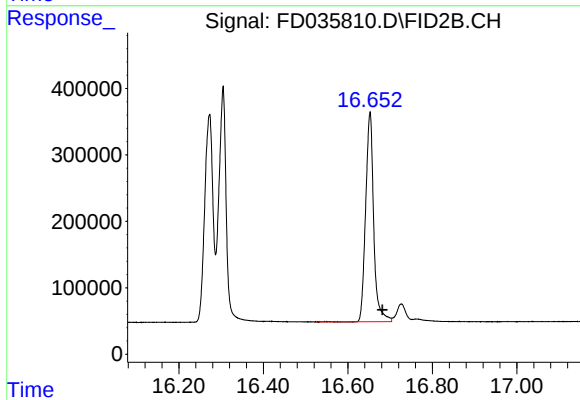
R.T.: 16.304 min
Delta R.T.: 0.003 min
Response: 4226557
Conc: 39.07 ug/ml



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

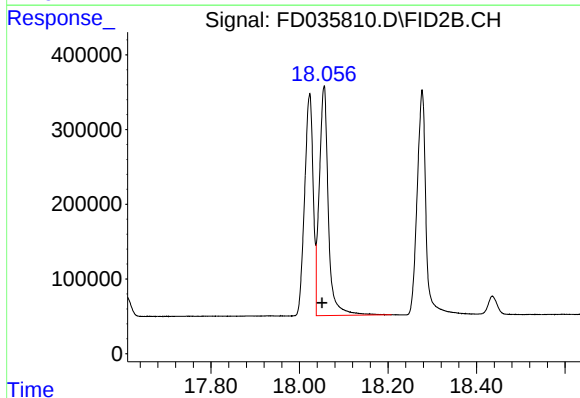
R.T.: 16.304 min
Delta R.T.: -0.029 min
Response: 4226557
Conc: 38.09 ug/ml

Instrument :
FID_D
ClientSampleId :



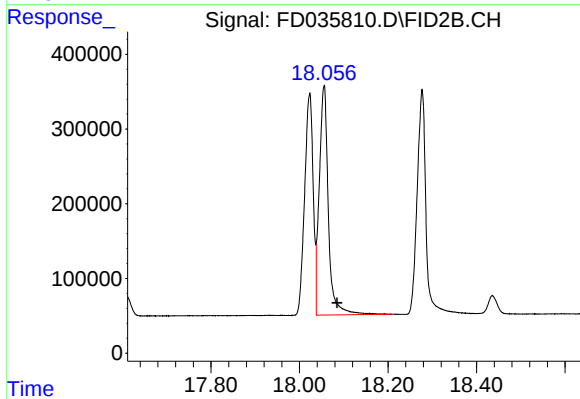
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.652 min
Delta R.T.: -0.030 min
Response: 4169309
Conc: 42.28 ug/ml



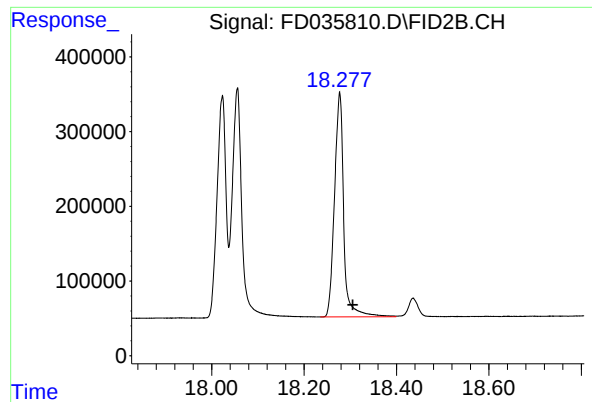
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.055 min
Delta R.T.: 0.004 min
Response: 4374646
Conc: 45.23 ug/ml



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

R.T.: 18.055 min
Delta R.T.: -0.030 min
Response: 4374646
Conc: 42.40 ug/ml



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

R.T.: 18.277 min
Delta R.T.: -0.028 min
Response: 4166534
Conc: 42.08 ug/ml

Instrument :
FID_D
ClientSampleId :