

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013120AR\
 Data File : FD032237.D
 Signal(s) : FID2B.CH
 Acq On : 31 Jan 2020 12:27
 Operator : DD\AJ
 Sample : L1161-01
 Misc : LOD 2.5 PPM -SOIL (ARO)
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 01 00:43:30 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 04:07:34 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...	7.636	4603479	40.952 ug/ml
Spiked Amount 50.000		Recovery =	81.90%
6) S 2-Fluorobiphenyl (SURR)	8.498	2854719	36.626 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	73.25%
11) S ortho-Terphenyl (SURR)	11.535	4135089	33.316 ug/ml
Spiked Amount 50.000		Recovery =	66.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.436	191602	1.692 ug/ml
2) T Naphthalene (C11.7)	5.975	213950	1.759 ug/ml
3) T 2-Methylnaphthalene (...)	7.025	214310	1.750 ug/ml
5) T Acenaphthylene (C15.06)	8.299	195129	1.630 ug/ml
7) T Acenaphthene (C15.5)	8.593	196975	1.593 ug/ml
8) T Flouorene (C16.55)	9.372	208539	1.670 ug/ml
9) T Phenanthrene (C19.36)	10.768	184132	1.458 ug/ml
10) T Anthracene (C19.43)	10.842	182794	1.460 ug/ml
12) T Fluoranthene (C21.85)	12.576	186264	1.455 ug/ml
13) T Pyrene (C20.8)	12.873	193037	1.534 ug/ml
14) T Benzo[a]anthracene (C...	14.743	187014	1.531 ug/ml
15) T Chrysene (C27.41)	14.784	208737	1.696 ug/ml
16) T benzo[b]fluoranthene ...	16.292	199020	1.648 ug/ml
17) T Bnezo[k]fluoranthene ...	16.322	213501	1.765 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.670	176037	1.474 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.033	184731	1.608 ug/ml
20) T Dibenz[a,h]anthracene...	18.075	222428	1.902 ug/ml
21) T Benzo[g,h,i]perylene ...	18.286	189123	1.660 ug/ml

(f)=RT Delta > 1/2 Window

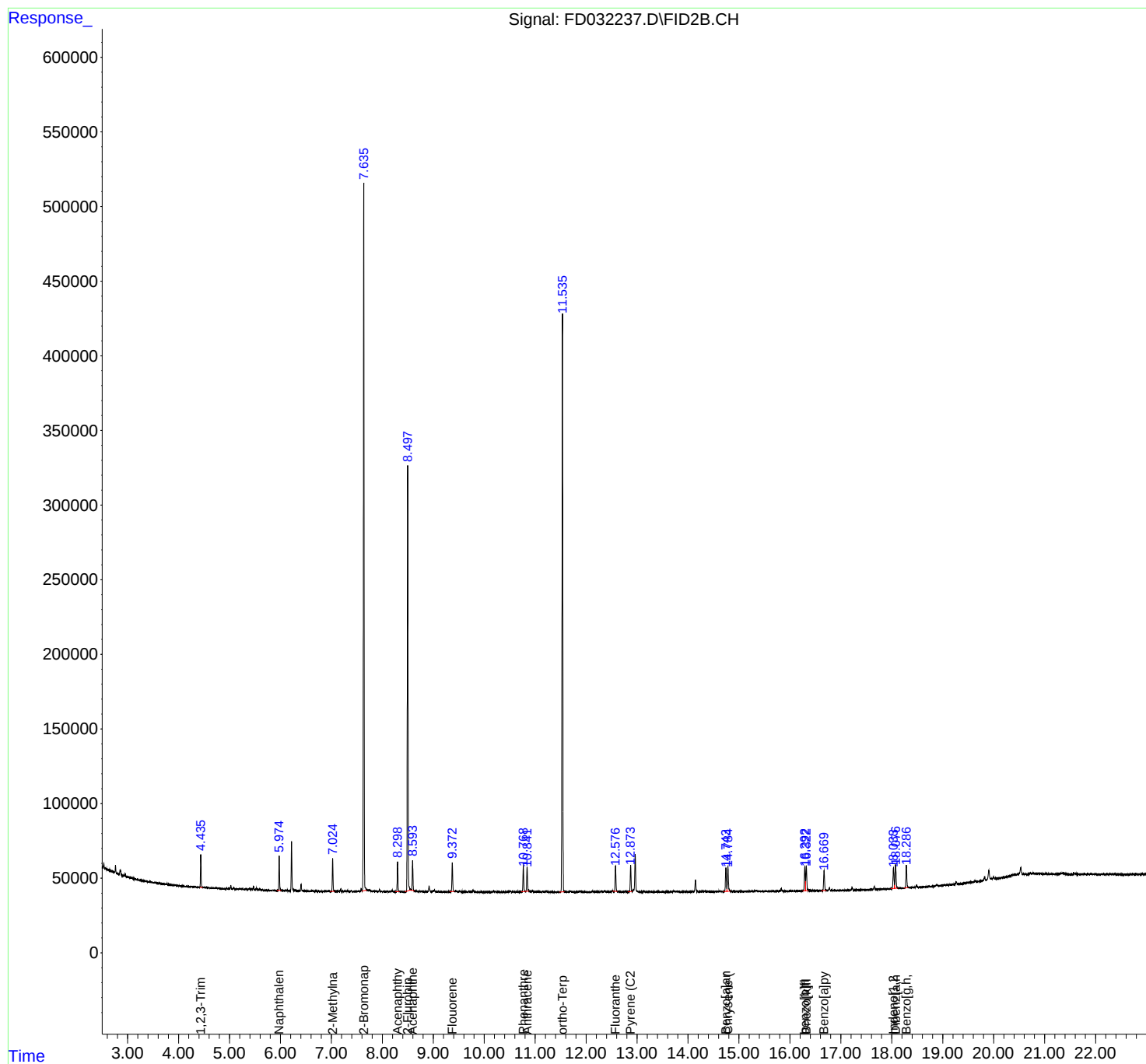
(m)=manual int.

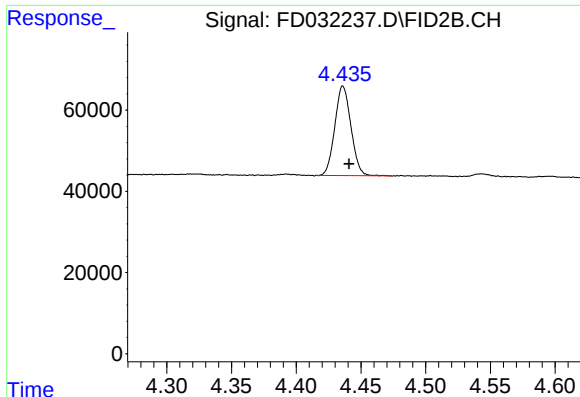
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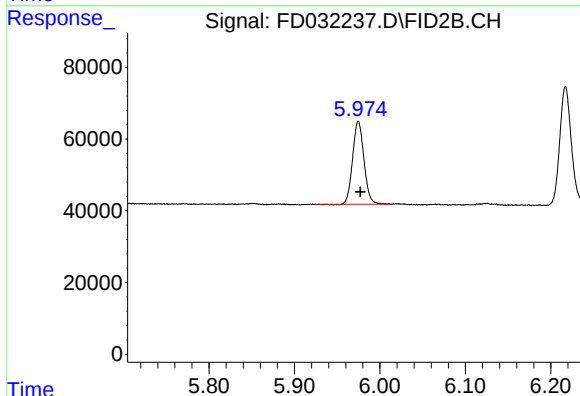




#1 1,2,3-Trimethylbenzene (C10.1)

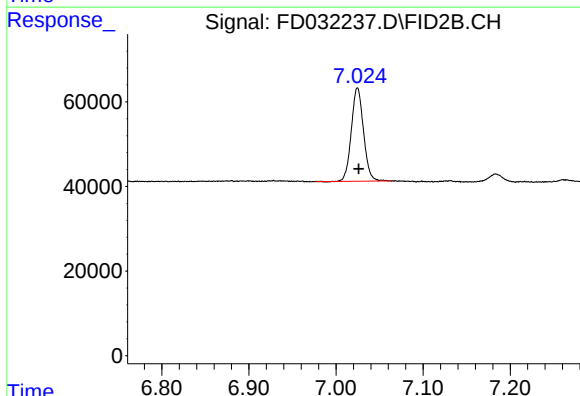
R.T.: 4.436 min
Delta R.T.: -0.005 min
Response: 191602
Conc: 1.69 ug/ml

Instrument :
FID_D
ClientSampleId :



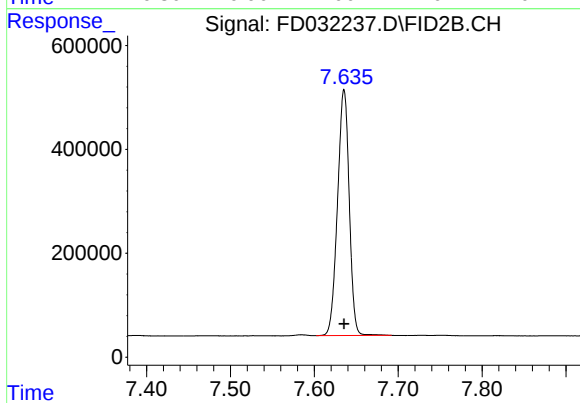
#2 Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 213950
Conc: 1.76 ug/ml



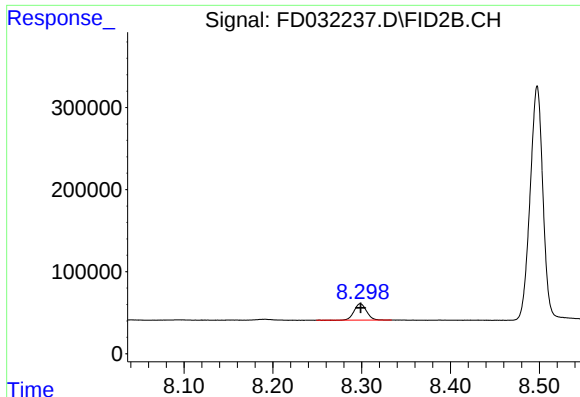
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.025 min
Delta R.T.: -0.001 min
Response: 214310
Conc: 1.75 ug/ml



#4 2-Bromonaphthalene (SURR)

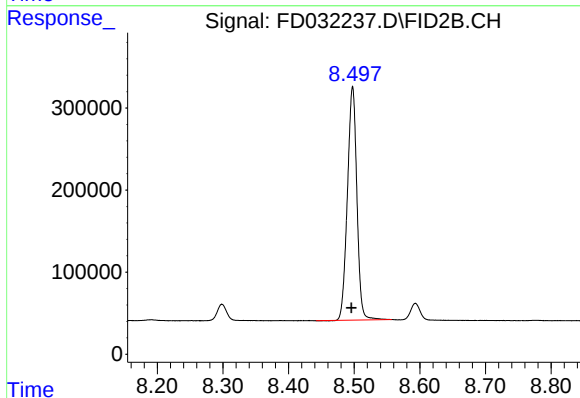
R.T.: 7.636 min
Delta R.T.: 0.000 min
Response: 4603479
Conc: 40.95 ug/ml



#5 Acenaphthylene (C15.06)

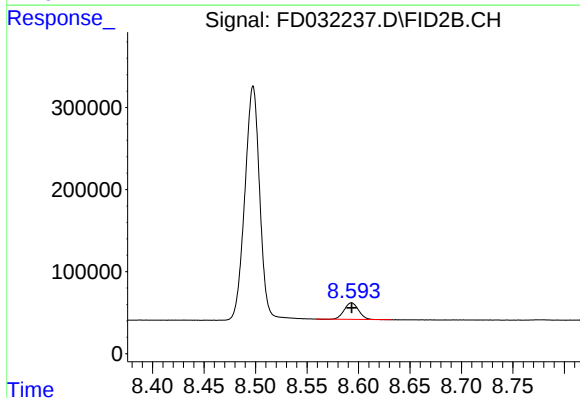
R.T.: 8.299 min
Delta R.T.: 0.000 min
Response: 195129
Conc: 1.63 ug/ml

Instrument :
FID_D
ClientSampleId :



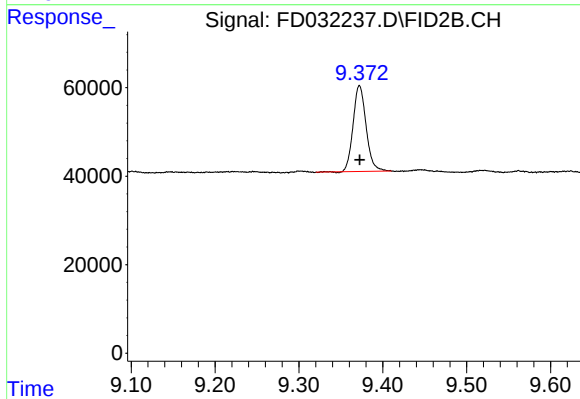
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.498 min
Delta R.T.: 0.002 min
Response: 2854719
Conc: 36.63 ug/ml



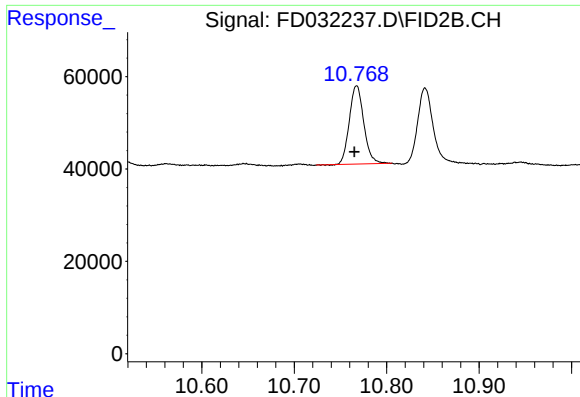
#7 Acenaphthene (C15.5)

R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 196975
Conc: 1.59 ug/ml



#8 Fluorene (C16.55)

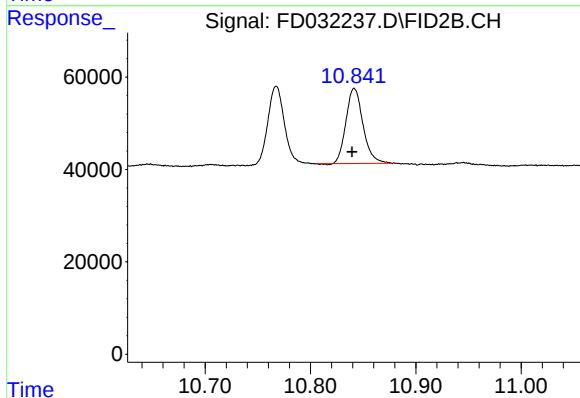
R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 208539
Conc: 1.67 ug/ml



#9 Phenanthrene (C19.36)

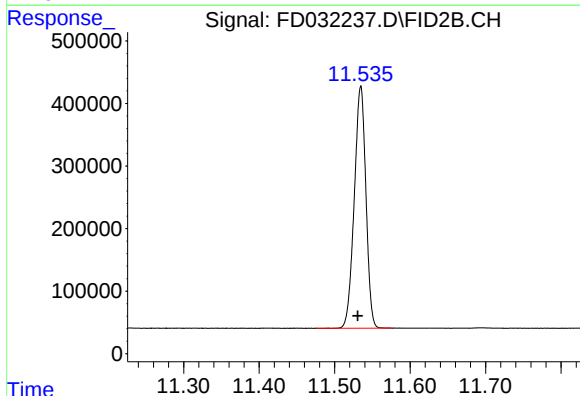
R.T.: 10.768 min
Delta R.T.: 0.002 min
Response: 184132
Conc: 1.46 ug/ml

Instrument :
FID_D
ClientSampleId :



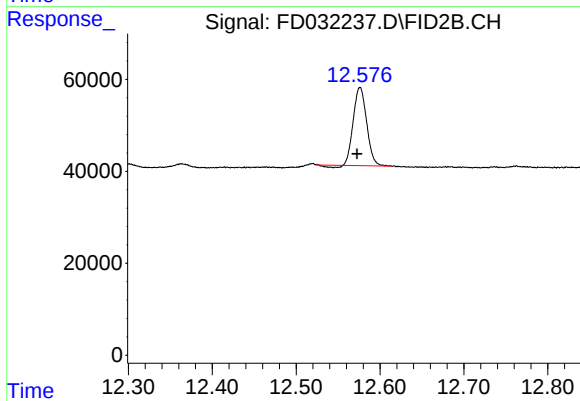
#10 Anthracene (C19.43)

R.T.: 10.842 min
Delta R.T.: 0.002 min
Response: 182794
Conc: 1.46 ug/ml



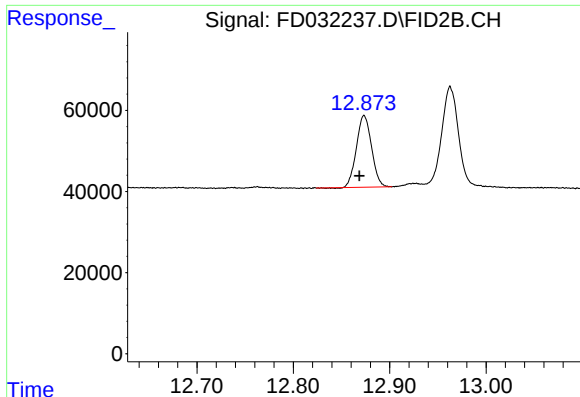
#11 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: 0.004 min
Response: 4135089
Conc: 33.32 ug/ml



#12 Fluoranthene (C21.85)

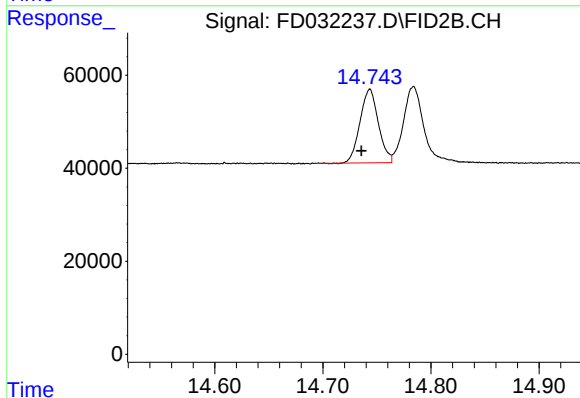
R.T.: 12.576 min
Delta R.T.: 0.004 min
Response: 186264
Conc: 1.46 ug/ml



#13 Pyrene (C20.8)

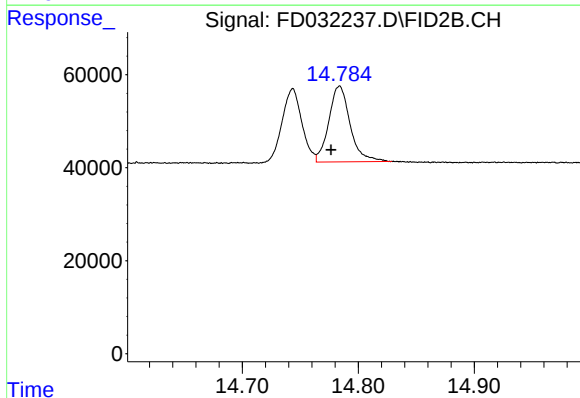
R.T.: 12.873 min
Delta R.T.: 0.005 min
Response: 193037
Conc: 1.53 ug/ml

Instrument :
FID_D
ClientSampleId :



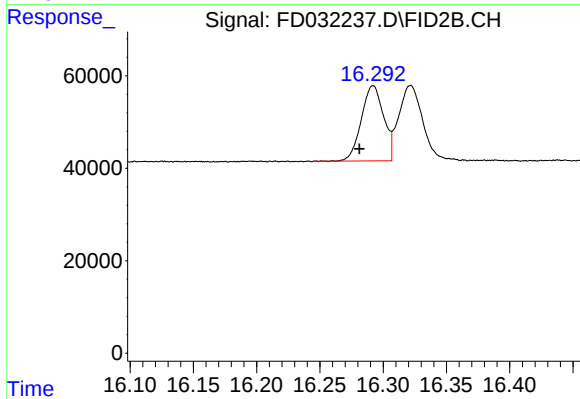
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.743 min
Delta R.T.: 0.008 min
Response: 187014
Conc: 1.53 ug/ml



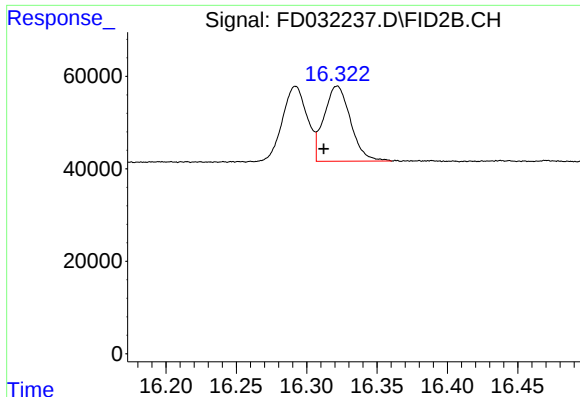
#15 Chrysene (C27.41)

R.T.: 14.784 min
Delta R.T.: 0.007 min
Response: 208737
Conc: 1.70 ug/ml



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

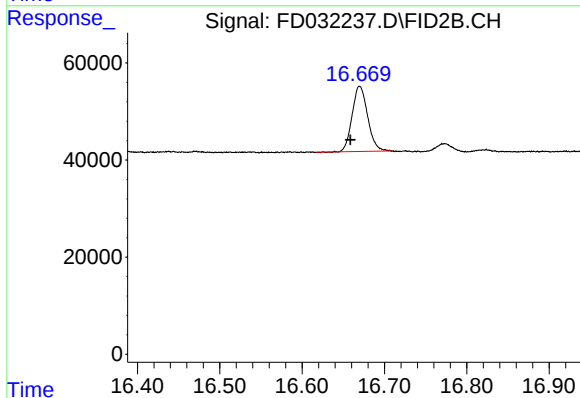
R.T.: 16.292 min
Delta R.T.: 0.011 min
Response: 199020
Conc: 1.65 ug/ml



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

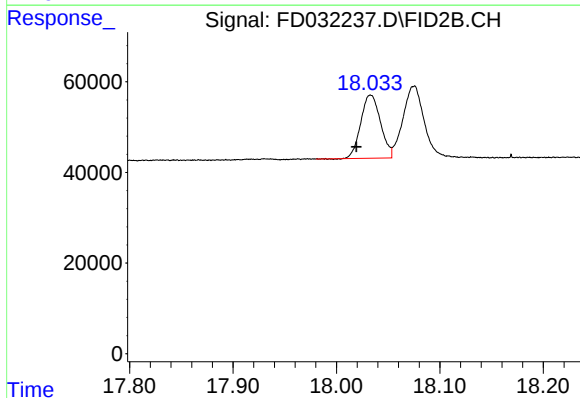
R.T.: 16.322 min
Delta R.T.: 0.010 min
Response: 213501
Conc: 1.76 ug/ml

Instrument :
FID_D
ClientSampleId :



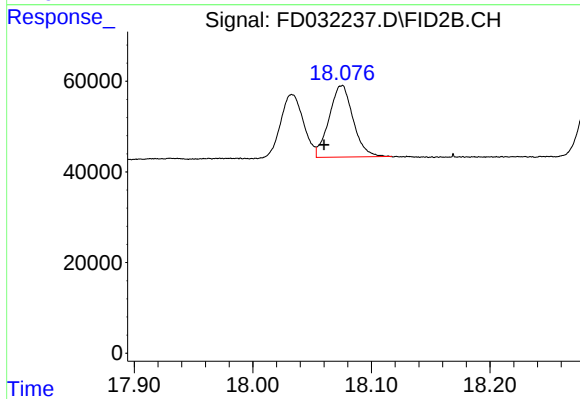
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.670 min
Delta R.T.: 0.011 min
Response: 176037
Conc: 1.47 ug/ml



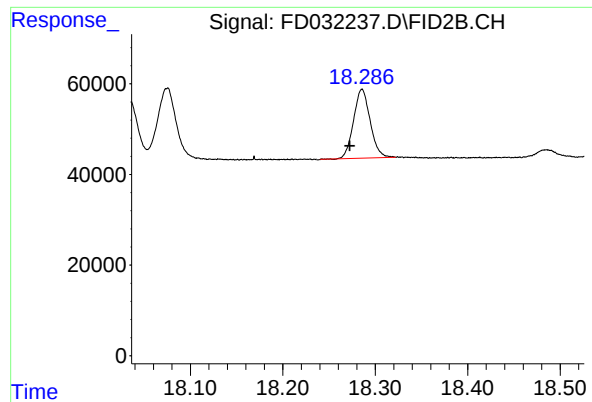
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.033 min
Delta R.T.: 0.014 min
Response: 184731
Conc: 1.61 ug/ml



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

R.T.: 18.075 min
Delta R.T.: 0.015 min
Response: 222428
Conc: 1.90 ug/ml



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

R.T.: 18.286 min
Delta R.T.: 0.013 min
Response: 189123
Conc: 1.66 ug/ml

Instrument :
FID_D
ClientSampleId :