

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042320AR\
 Data File : FD033185.D
 Signal(s) : FID2B.CH
 Acq On : 24 Apr 2020 14:10
 Operator : DD\AJ
 Sample : L2314-14
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WB-8-1

Integration File: autoint1.e
 Quant Time: Apr 25 01:07:40 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040620.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 02:14:39 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...	7.596	6249279	42.593 ug/ml
Spiked Amount 50.000		Recovery =	85.19%
6) S 2-Fluorobiphenyl (SURR)	8.458	4034694	41.356 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.71%
11) S ortho-Terphenyl (SURR)	11.527	433360	2.712 ug/ml
Spiked Amount 50.000		Recovery =	5.42%
Target Compounds			
2) T Naphthalene (C11.7)	5.936	558601	3.424 ug/ml
3) T 2-Methylnaphthalene (...)	6.986	377484	2.339 ug/ml
5) T Acenaphthylene (C15.06)	8.257	517091	3.343 ug/ml
8) T Flouorene (C16.55)	9.333	317170	2.040 ug/ml
9) T Phenanthrene (C19.36)	10.726	1354871	8.649 ug/ml
10) T Anthracene (C19.43)	10.802	479491	3.148 ug/ml
12) T Fluoranthene (C21.85)	12.538	1289668	8.183 ug/ml
13) T Pyrene (C20.8)	12.834	1306402	8.366 ug/ml
14) T Benzo[a]anthracene (C...	14.749	1283898	9.019 ug/ml
15) T Chrysene (C27.41)	14.749	1283898	8.701 ug/ml
16) T benzo[b]fluoranthene ...	16.291	298412	2.186 ug/ml
17) T Bnezo[k]fluoranthene ...	16.291	298412	2.168 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.692	318931	2.408 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.009	1030317	8.536 ug/ml
20) T Dibenz[a,h]anthracene...	18.136f	530307	4.233 ug/ml
21) T Benzo[g,h,i]perylene ...	18.261	748808	6.187 ug/ml

(f)=RT Delta > 1/2 Window

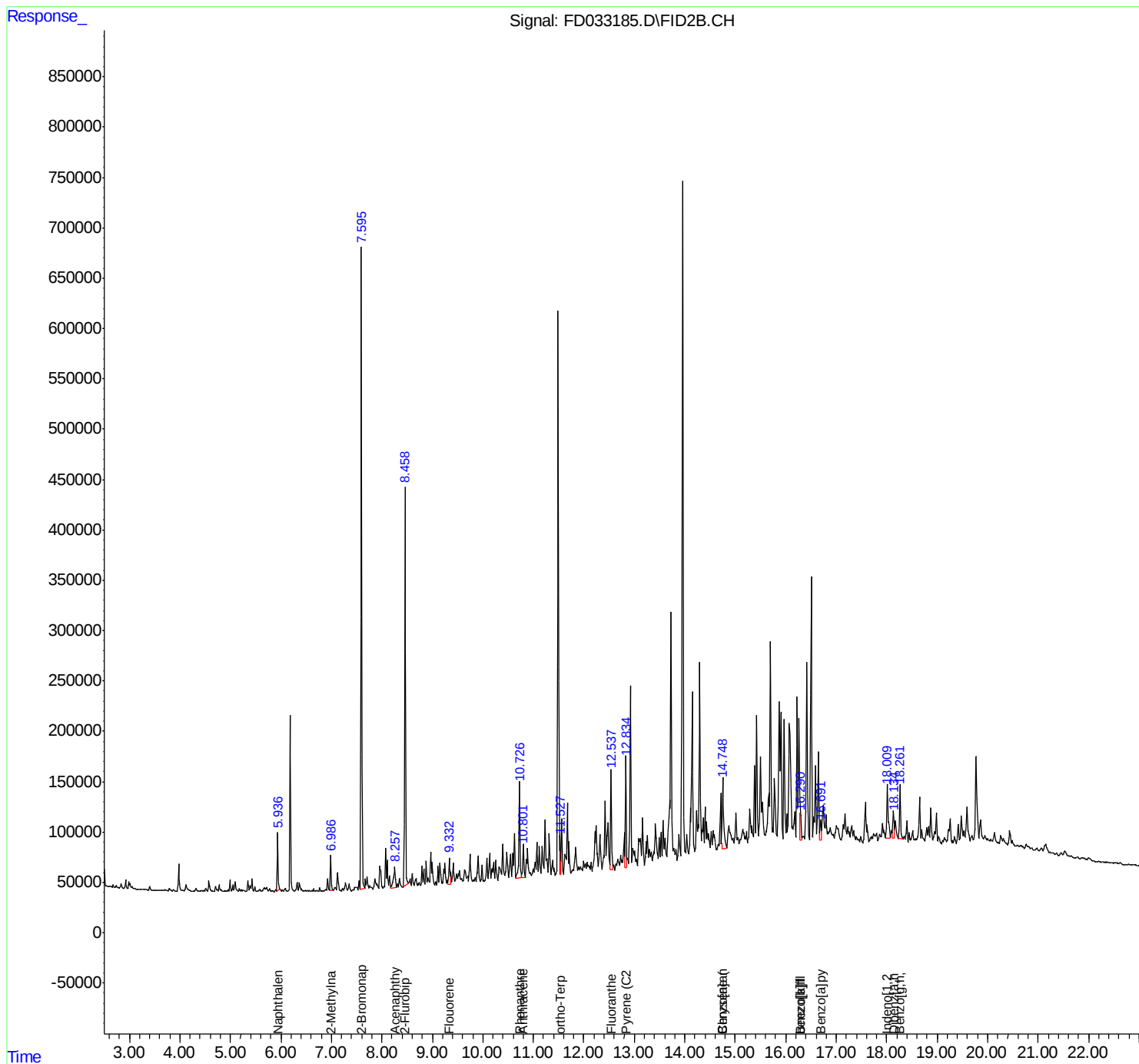
(m)=manual int.

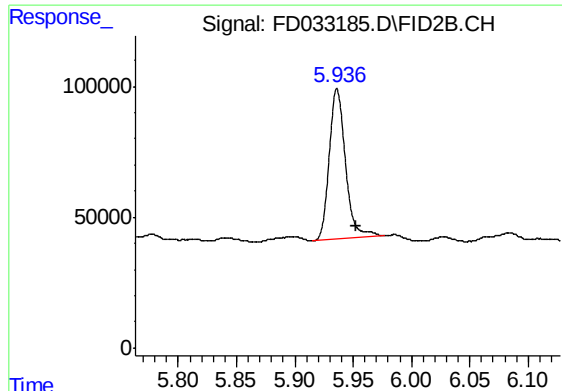
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

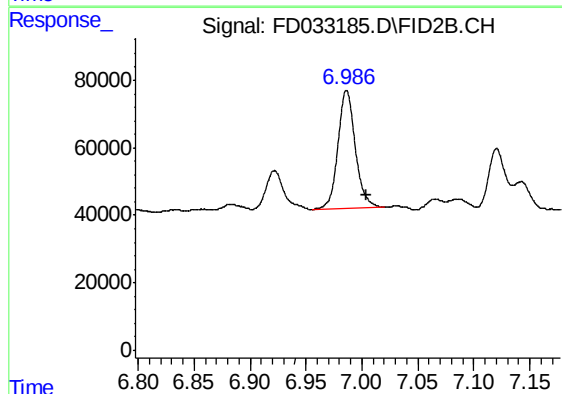




#2 Naphthalene (C11.7)

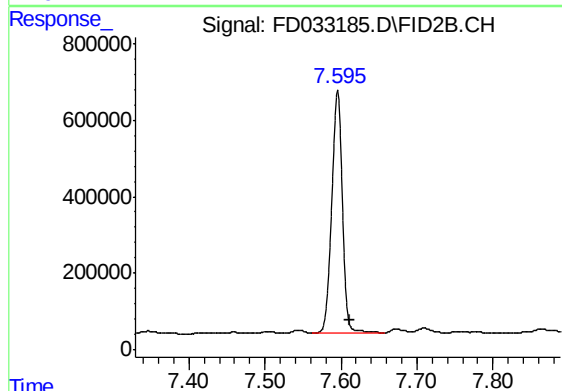
R.T.: 5.936 min
Delta R.T.: -0.016 min
Response: 558601
Conc: 3.42 ug/ml

Instrument :
FID_D
ClientSampleId :
WB-8-1



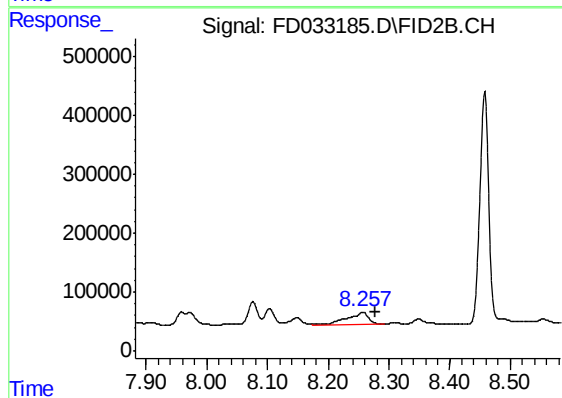
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.986 min
Delta R.T.: -0.018 min
Response: 377484
Conc: 2.34 ug/ml



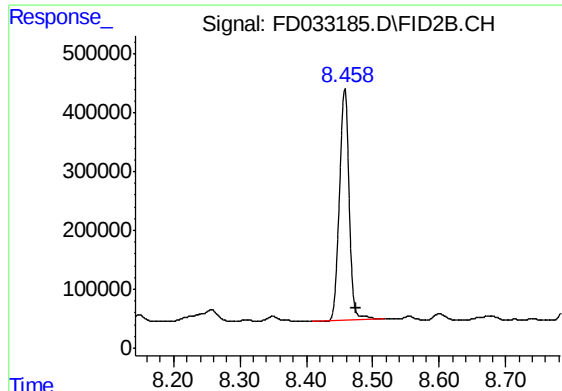
#4 2-Bromonaphthalene (SURR)

R.T.: 7.596 min
Delta R.T.: -0.016 min
Response: 6249279
Conc: 42.59 ug/ml



#5 Acenaphthylene (C15.06)

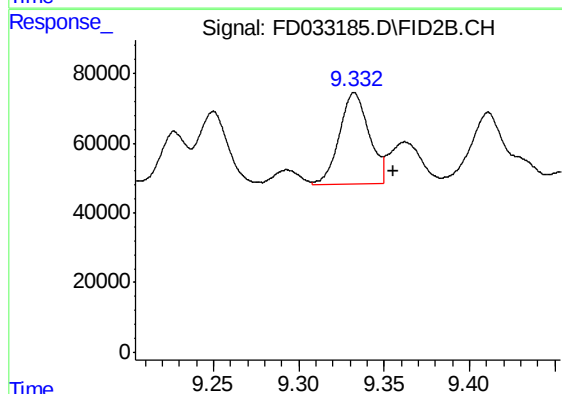
R.T.: 8.257 min
Delta R.T.: -0.021 min
Response: 517091
Conc: 3.34 ug/ml



#6 2-Fluorobiphenyl (SURR)

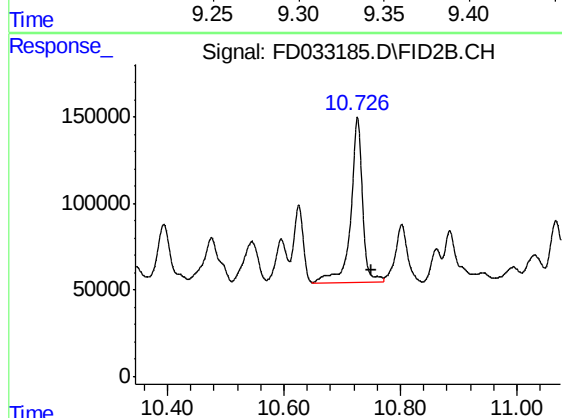
R.T.: 8.458 min
Delta R.T.: -0.017 min
Response: 4034694
Conc: 41.36 ug/ml

Instrument :
FID_D
ClientSampleId :
WB-8-1



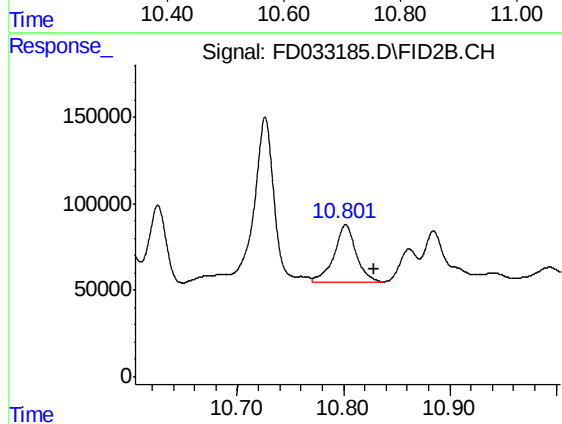
#8 Flouorene (C16.55)

R.T.: 9.333 min
Delta R.T.: -0.023 min
Response: 317170
Conc: 2.04 ug/ml



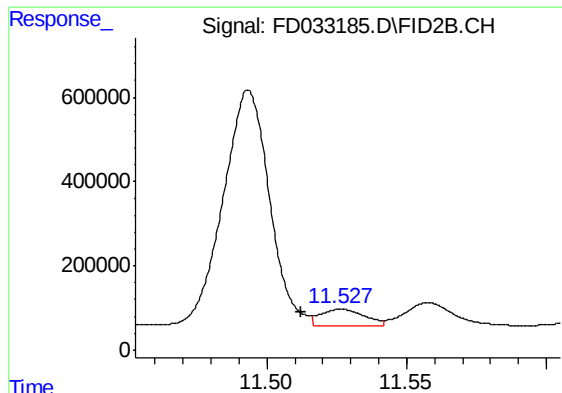
#9 Phenanthrene (C19.36)

R.T.: 10.726 min
Delta R.T.: -0.025 min
Response: 1354871
Conc: 8.65 ug/ml



#10 Anthracene (C19.43)

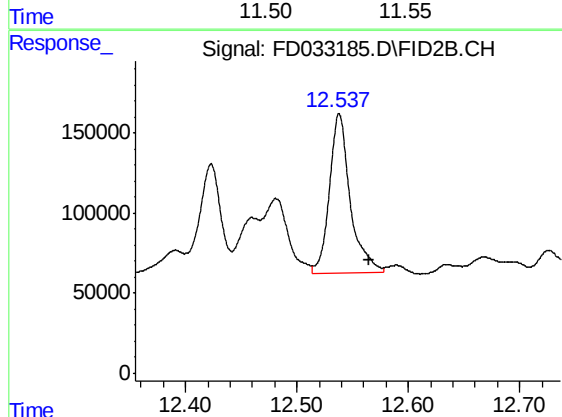
R.T.: 10.802 min
Delta R.T.: -0.026 min
Response: 479491
Conc: 3.15 ug/ml



#11 ortho-Terphenyl (SURR)

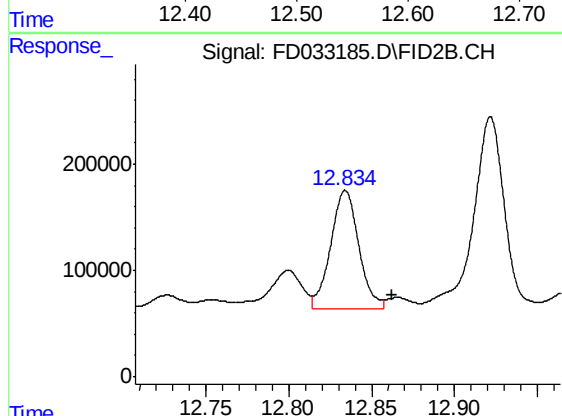
R.T.: 11.527 min
Delta R.T.: 0.015 min
Response: 433360
Conc: 2.71 ug/ml

Instrument :
FID_D
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WB-8-1



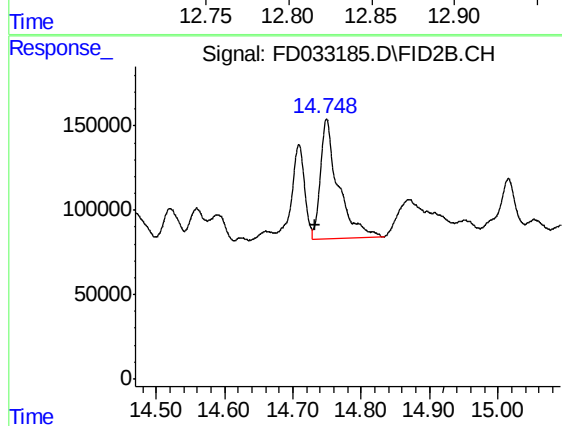
#12 Fluoranthene (C21.85)

R.T.: 12.538 min
Delta R.T.: -0.026 min
Response: 1289668
Conc: 8.18 ug/ml



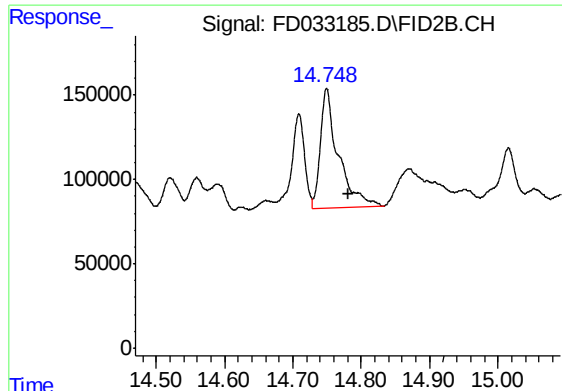
#13 Pyrene (C20.8)

R.T.: 12.834 min
Delta R.T.: -0.028 min
Response: 1306402
Conc: 8.37 ug/ml



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

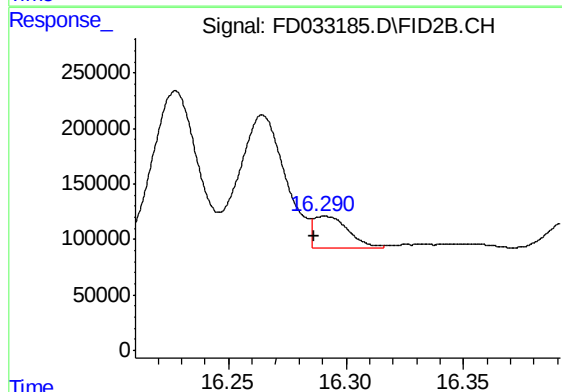
R.T.: 14.749 min
Delta R.T.: 0.017 min
Response: 1283898
Conc: 9.02 ug/ml



#15 Chrysene (C27.41)

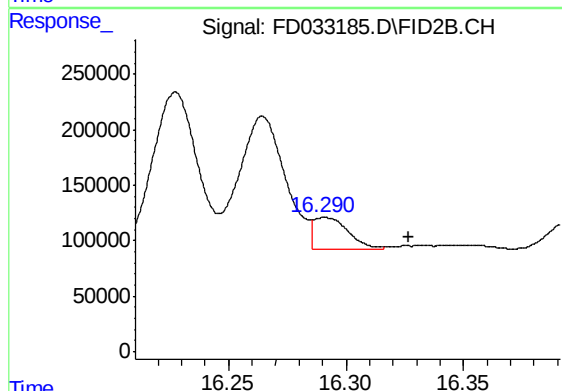
R.T.: 14.749 min
Delta R.T.: -0.032 min
Response: 1283898
Conc: 8.70 ug/ml

Instrument :
FID_D
ClientSampleId :
WB-8-1



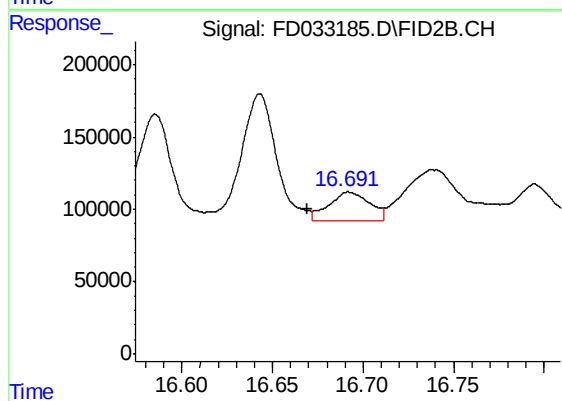
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.291 min
Delta R.T.: 0.005 min
Response: 298412
Conc: 2.19 ug/ml



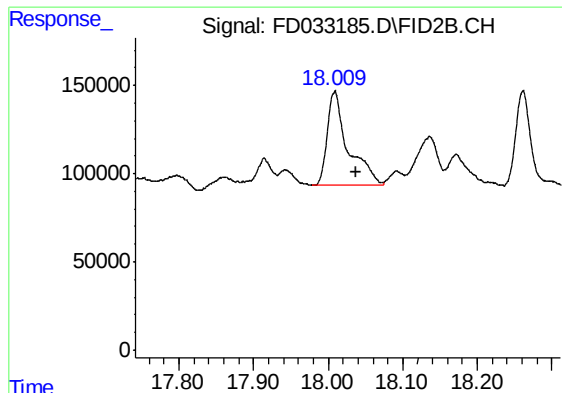
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.291 min
Delta R.T.: -0.036 min
Response: 298412
Conc: 2.17 ug/ml



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

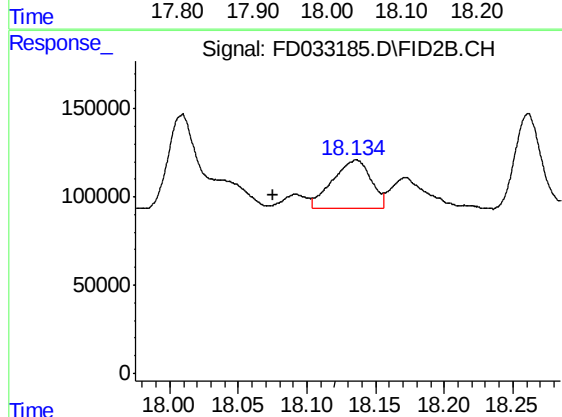
R.T.: 16.692 min
Delta R.T.: 0.023 min
Response: 318931
Conc: 2.41 ug/ml



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

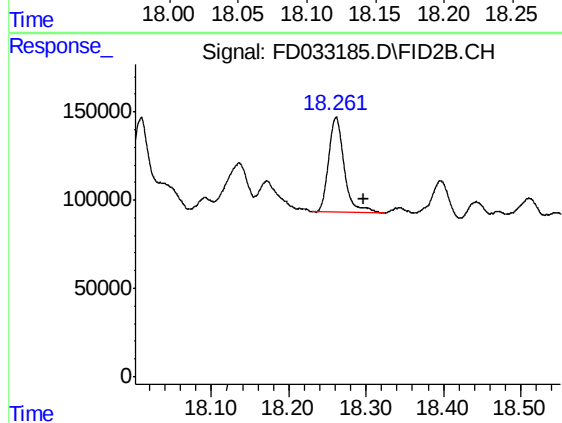
R.T.: 18.009 min
Delta R.T.: -0.029 min
Response: 1030317
Conc: 8.54 ug/ml

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

R.T.: 18.136 min
Delta R.T.: 0.060 min
Response: 530307
Conc: 4.23 ug/ml



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

R.T.: 18.261 min
Delta R.T.: -0.037 min
Response: 748808
Conc: 6.19 ug/ml