

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013120AR\
 Data File : FD032259.D
 Signal(s) : FID2B.CH
 Acq On : 01 Feb 2020 1:35
 Operator : DD\AJ
 Sample : L1307-03
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 01 05:44:52 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...	7.638	4906940	43.651 ug/ml
Spiked Amount 50.000		Recovery =	87.30%
6) S 2-Fluorobiphenyl (SURR)	8.500	3164985	40.606 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.21%
11) S ortho-Terphenyl (SURR)	11.535	2601355	20.959 ug/ml
Spiked Amount 50.000		Recovery =	41.92%
Target Compounds			
2) T Naphthalene (C11.7)	5.977	210846	1.733 ug/ml
7) T Acenaphthene (C15.5)	8.596	263730	2.133 ug/ml
8) T Fluorene (C16.55)	9.374	317543	2.542 ug/ml
9) T Phenanthrene (C19.36)	10.771	2244139	17.776 ug/ml
10) T Anthracene (C19.43)	10.843	595426	4.756 ug/ml
12) T Fluoranthene (C21.85)	12.583	2828527	22.100 ug/ml
13) T Pyrene (C20.8)	12.880	2475692	19.670 ug/ml
14) T Benzo[a]anthracene (C...	14.749	1222168	10.008 ug/ml
15) T Chrysene (C27.41)	14.790	1186090	9.638 ug/ml
16) T benzo[b]fluoranthene ...	16.302	1444145	11.960 ug/ml
17) T Bnezo[k]fluoranthene ...	16.302	1444145	11.936 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.679	1021291	8.549 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.043	633493	5.514 ug/ml
20) T Dibenz[a,h]anthracene...	18.043	633493	5.417 ug/ml
21) T Benzo[g,h,i]perylene ...	18.296	502782	4.413 ug/ml

(f)=RT Delta > 1/2 Window

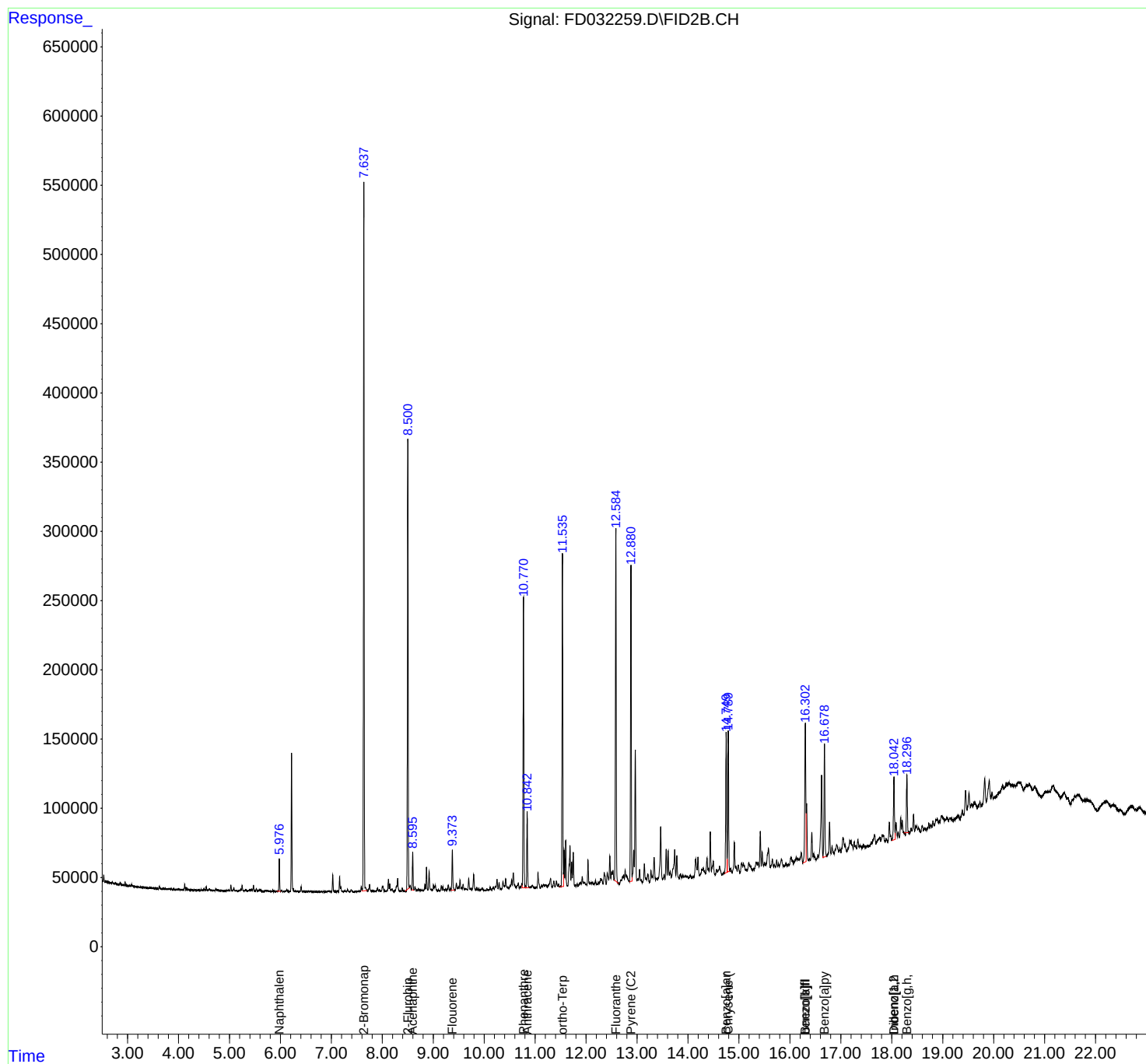
(m)=manual int.

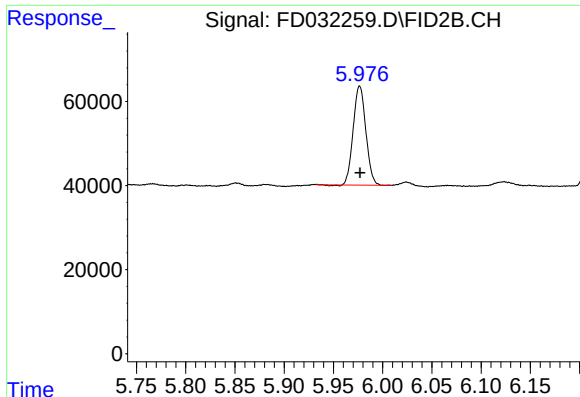
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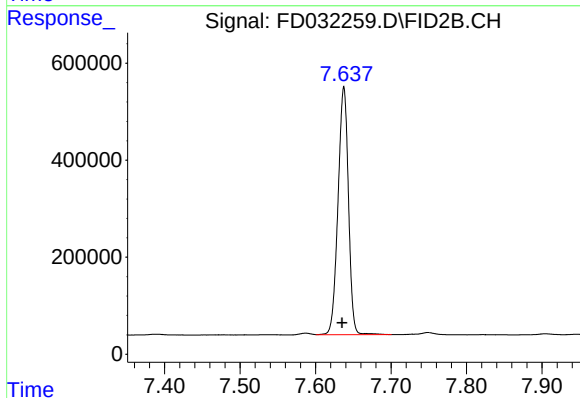




#2 Naphthalene (C11.7)

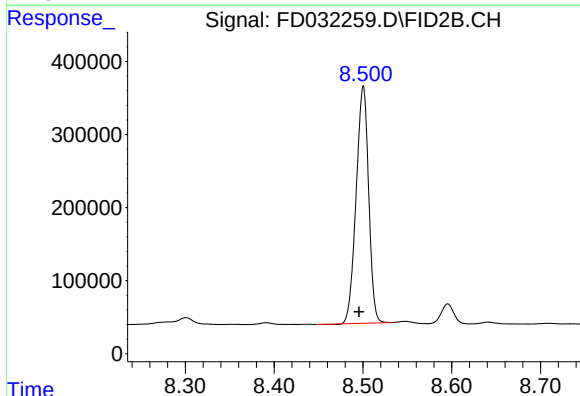
R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 210846
Conc: 1.73 ug/ml

Instrument :
FID_D
ClientSampleId :



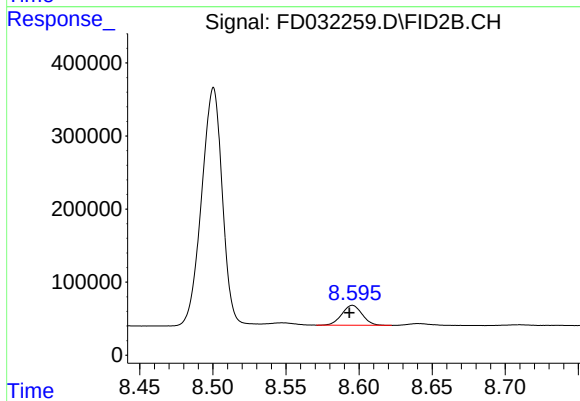
#4 2-Bromonaphthalene (SURR)

R.T.: 7.638 min
Delta R.T.: 0.002 min
Response: 4906940
Conc: 43.65 ug/ml



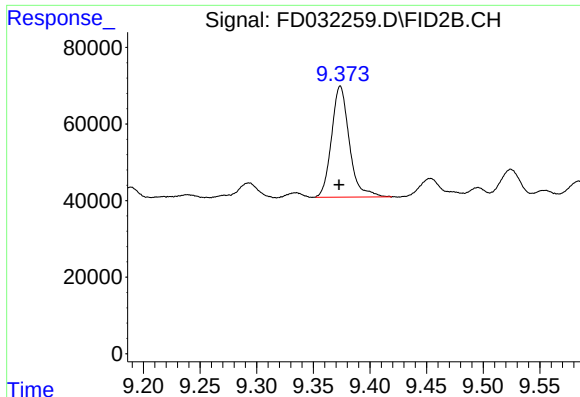
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.500 min
Delta R.T.: 0.005 min
Response: 3164985
Conc: 40.61 ug/ml



#7 Acenaphthene (C15.5)

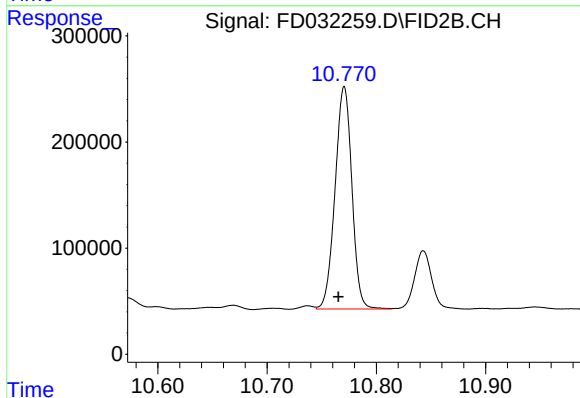
R.T.: 8.596 min
Delta R.T.: 0.002 min
Response: 263730
Conc: 2.13 ug/ml



#8 Flouorene (C16.55)

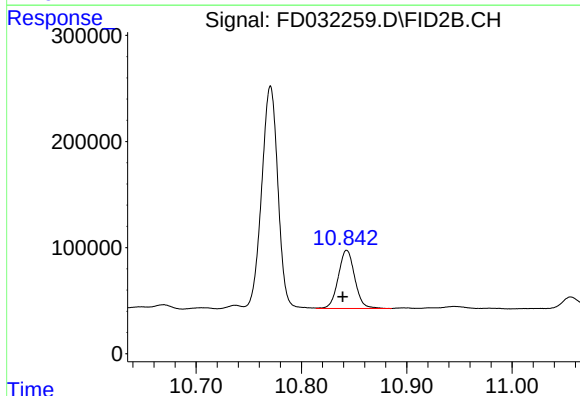
R.T.: 9.374 min
Delta R.T.: 0.001 min
Response: 317543
Conc: 2.54 ug/ml

Instrument :
FID_D
ClientSampleId :



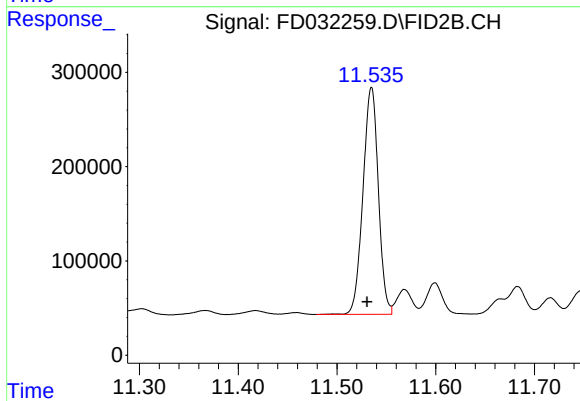
#9 Phenanthrene (C19.36)

R.T.: 10.771 min
Delta R.T.: 0.005 min
Response: 2244139
Conc: 17.78 ug/ml



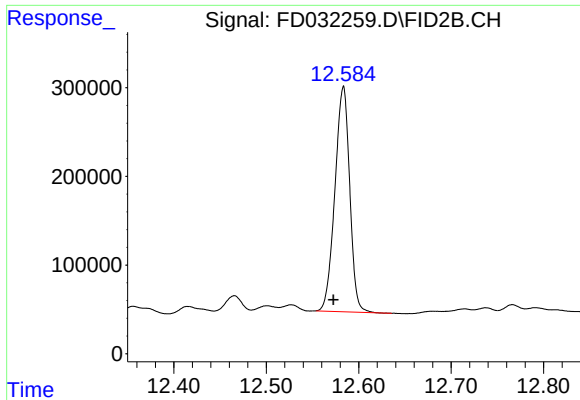
#10 Anthracene (C19.43)

R.T.: 10.843 min
Delta R.T.: 0.004 min
Response: 595426
Conc: 4.76 ug/ml



#11 ortho-Terphenyl (SURR)

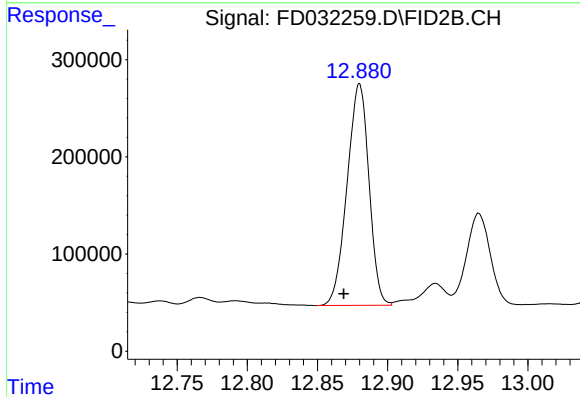
R.T.: 11.535 min
Delta R.T.: 0.004 min
Response: 2601355
Conc: 20.96 ug/ml



#12 Fluoranthene (C21.85)

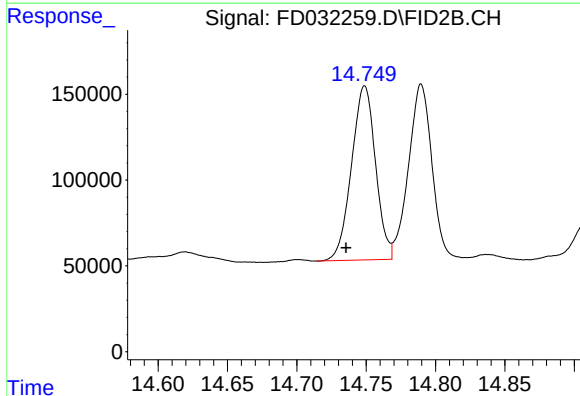
R.T.: 12.583 min
Delta R.T.: 0.011 min
Response: 2828527
Conc: 22.10 ug/ml

Instrument :
FID_D
ClientSampleId :



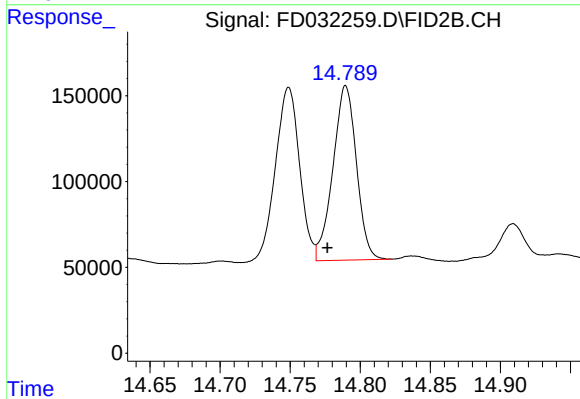
#13 Pyrene (C20.8)

R.T.: 12.880 min
Delta R.T.: 0.011 min
Response: 2475692
Conc: 19.67 ug/ml



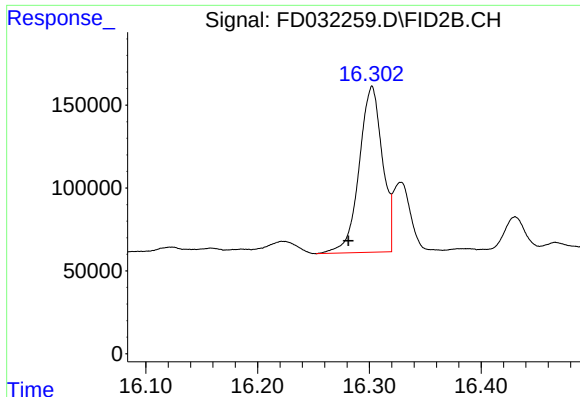
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.749 min
Delta R.T.: 0.013 min
Response: 1222168
Conc: 10.01 ug/ml



#15 Chrysene (C27.41)

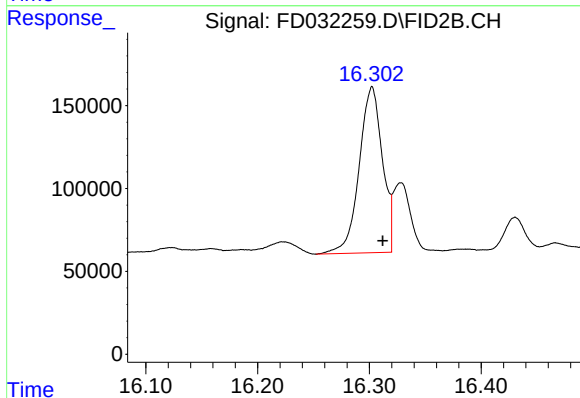
R.T.: 14.790 min
Delta R.T.: 0.013 min
Response: 1186090
Conc: 9.64 ug/ml



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

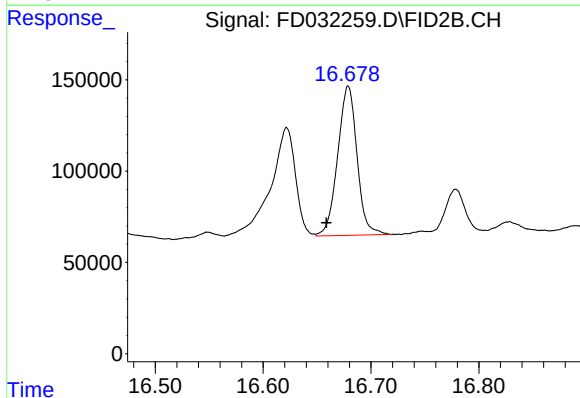
R.T.: 16.302 min
Delta R.T.: 0.021 min
Response: 1444145
Conc: 11.96 ug/ml

Instrument :
FID_D
ClientSampleId :



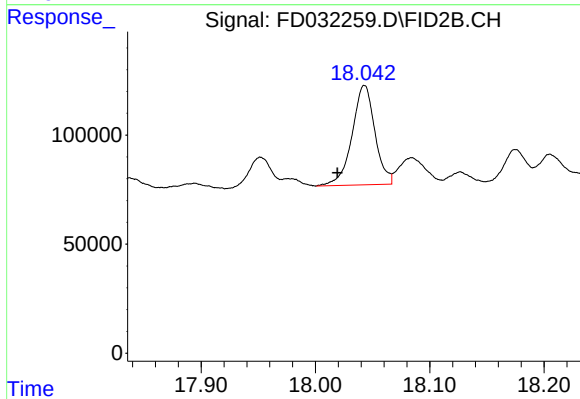
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.302 min
Delta R.T.: -0.010 min
Response: 1444145
Conc: 11.94 ug/ml



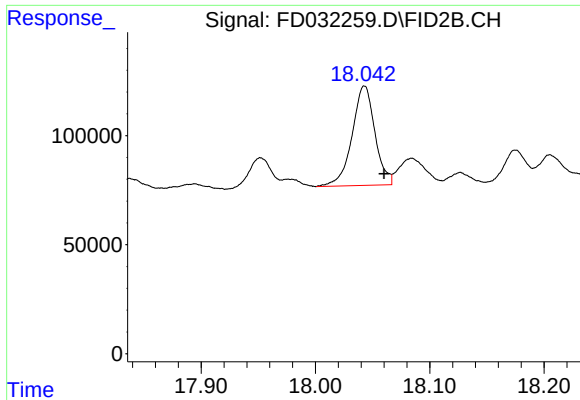
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.679 min
Delta R.T.: 0.020 min
Response: 1021291
Conc: 8.55 ug/ml



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

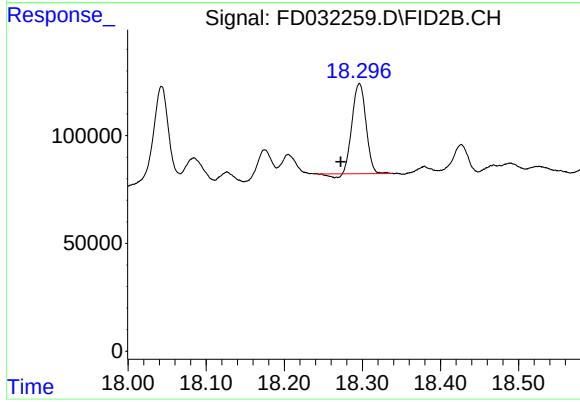
R.T.: 18.043 min
Delta R.T.: 0.024 min
Response: 633493
Conc: 5.51 ug/ml



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

R.T.: 18.043 min
Delta R.T.: -0.017 min
Response: 633493
Conc: 5.42 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.296 min
Delta R.T.: 0.024 min
Response: 502782
Conc: 4.41 ug/ml