

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072022AR\
 Data File : FD043293.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jul 2022 17:06
 Operator : YP/AJ
 Sample : N3737-05
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 21 02:17:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.621	5914396	38.303 ug/ml
Spiked Amount 50.000		Recovery =	76.61%
6) S 2-Fluorobiphenyl (SURR)	8.484	3841444	36.421 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.84%
11) S ortho-Terphenyl (SURR)	11.533	8195084	45.090 ug/ml
Spiked Amount 50.000		Recovery =	90.18%
Target Compounds			
3) T 2-Methylnaphthalene (...)	7.011	49889	0.310 ug/ml
7) T Acenaphthene (C15.5)	8.580	51430	0.294 ug/ml
8) T Fluorene (C16.55)	9.367	62555	0.361 ug/ml
9) T Phenanthrene (C19.36)	10.761	234128	1.365 ug/ml
10) T Anthracene (C19.43)	10.838	47978	0.282 ug/ml
12) T Fluoranthene (C21.85)	12.572	444196	2.649 ug/ml
13) T Pyrene (C20.8)	12.964f	991485	6.084 ug/ml
14) T Benzo[a]anthracene (C...	14.784	242531	1.562 ug/ml
15) T Chrysene (C27.41)	14.784	242531	1.537 ug/ml
16) T benzo[b]fluoranthene ...	16.294	310836	2.039 ug/ml
17) T Bnezo[k]fluoranthene ...	16.294f	310836	2.124 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.673	140579	0.983 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.083	117692	0.941 ug/ml
20) T Dibenz[a,h]anthracene...	18.083	117692	0.875 ug/ml
21) T Benzo[g,h,i]perylene ...	18.287	91207	0.699 ug/ml

(f)=RT Delta > 1/2 Window

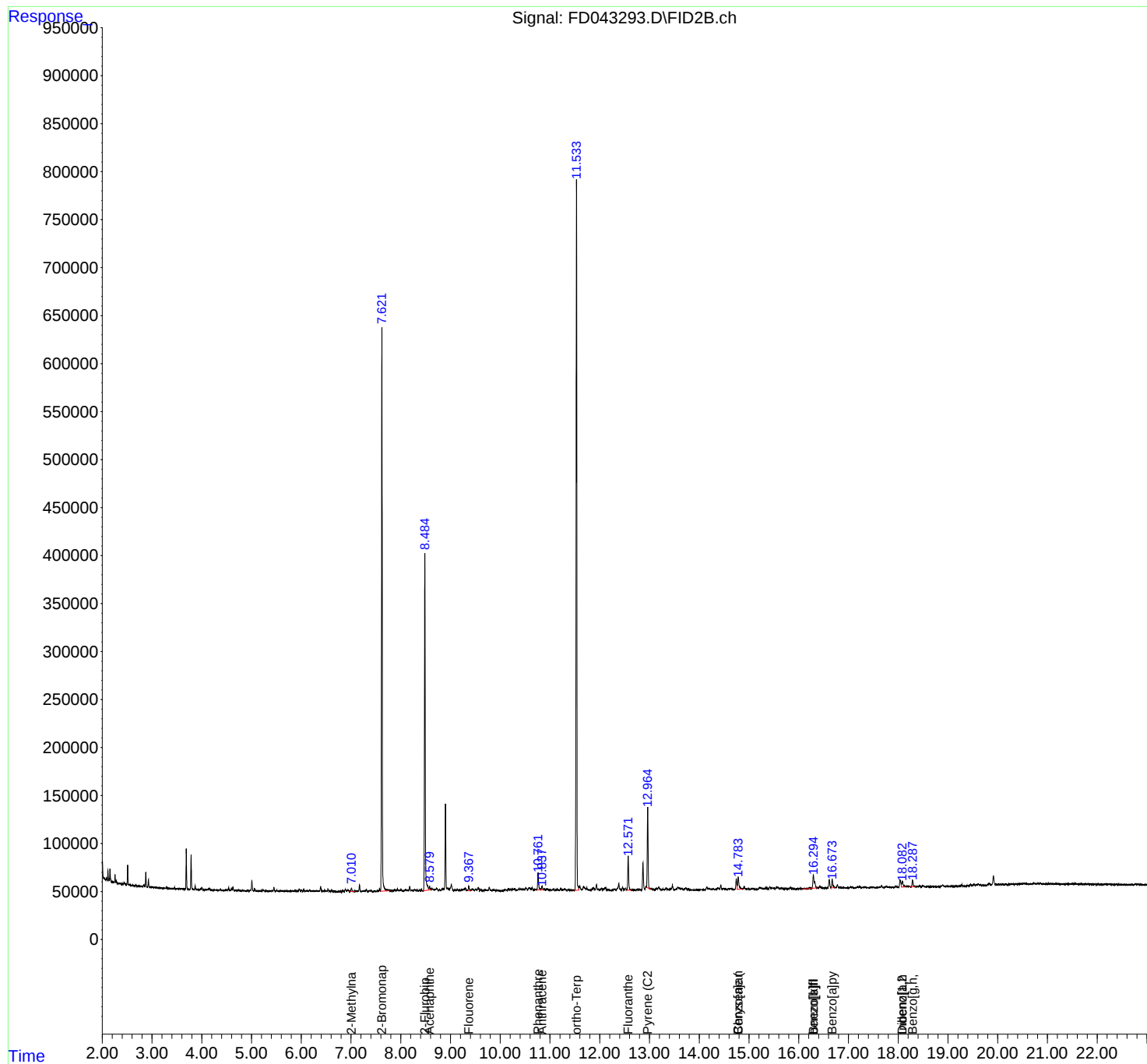
(m)=manual int.

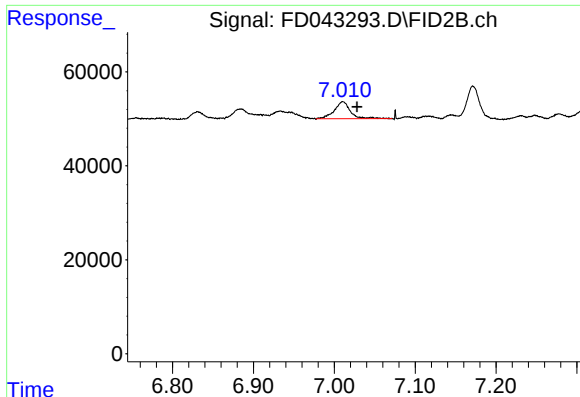
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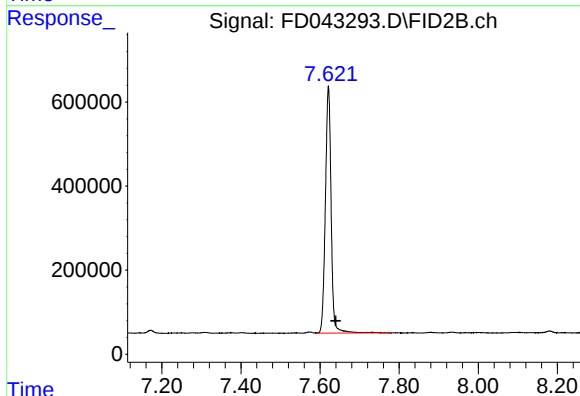




#3 2-Methylnaphthalene (C12.89)

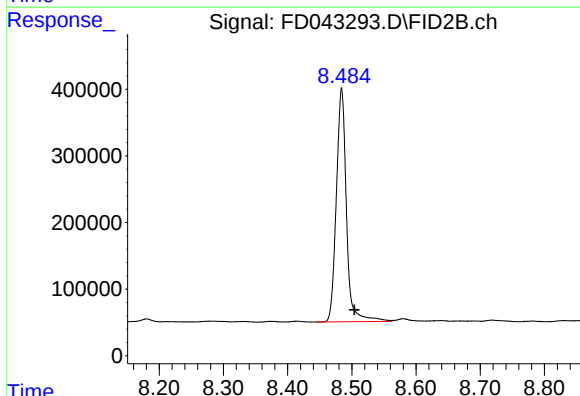
R.T.: 7.011 min
Delta R.T.: -0.018 min
Response: 49889
Conc: 0.31 ug/ml

Instrument :
FID_D
ClientSampleId :



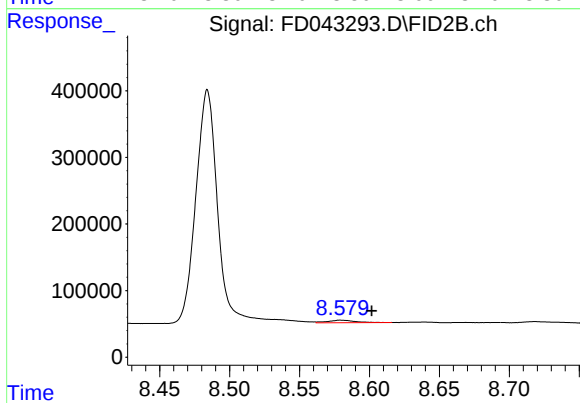
#4 2-Bromonaphthalene (SURR)

R.T.: 7.621 min
Delta R.T.: -0.018 min
Response: 5914396
Conc: 38.30 ug/ml



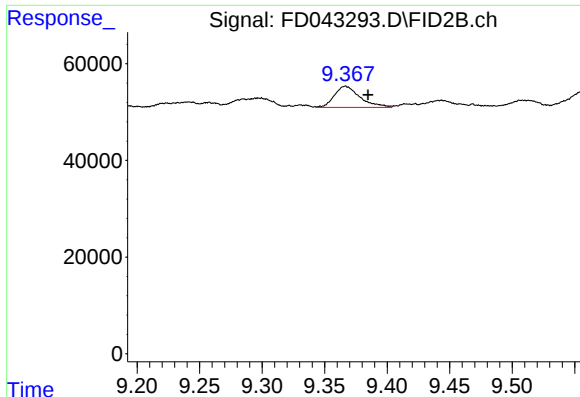
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.484 min
Delta R.T.: -0.020 min
Response: 3841444
Conc: 36.42 ug/ml



#7 Acenaphthene (C15.5)

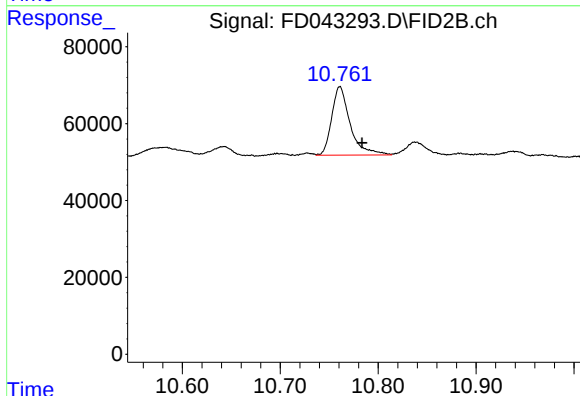
R.T.: 8.580 min
Delta R.T.: -0.022 min
Response: 51430
Conc: 0.29 ug/ml



#8 Flouorene (C16.55)

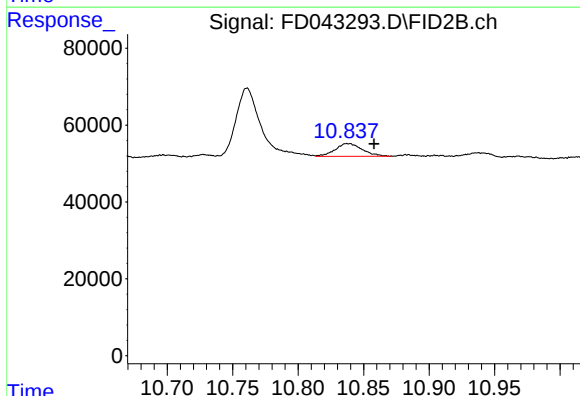
R.T.: 9.367 min
Delta R.T.: -0.018 min
Response: 62555
Conc: 0.36 ug/ml

Instrument :
FID_D
ClientSampleId :



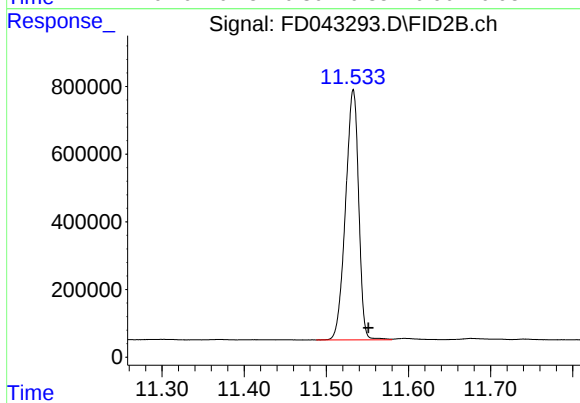
#9 Phenanthrene (C19.36)

R.T.: 10.761 min
Delta R.T.: -0.023 min
Response: 234128
Conc: 1.37 ug/ml



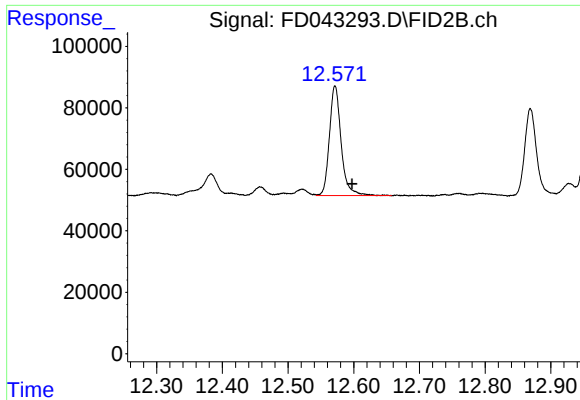
#10 Anthracene (C19.43)

R.T.: 10.838 min
Delta R.T.: -0.020 min
Response: 47978
Conc: 0.28 ug/ml



#11 ortho-Terphenyl (SURR)

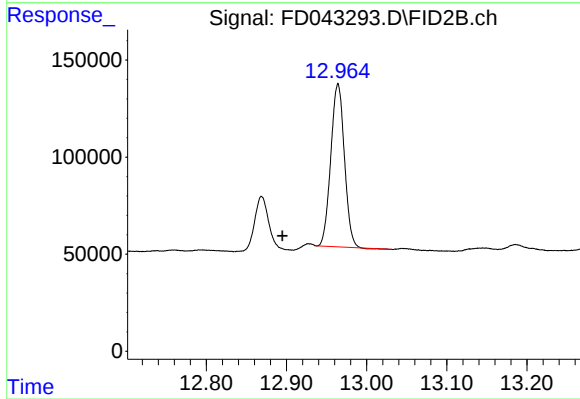
R.T.: 11.533 min
Delta R.T.: -0.019 min
Response: 8195084
Conc: 45.09 ug/ml



#12 Fluoranthene (C21.85)

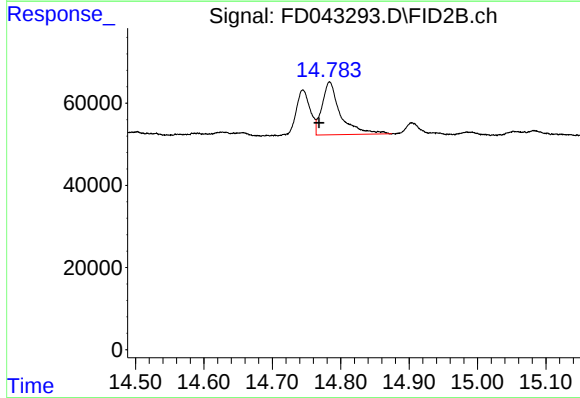
R.T.: 12.572 min
Delta R.T.: -0.026 min
Response: 444196
Conc: 2.65 ug/ml

Instrument :
FID_D
ClientSampleId :



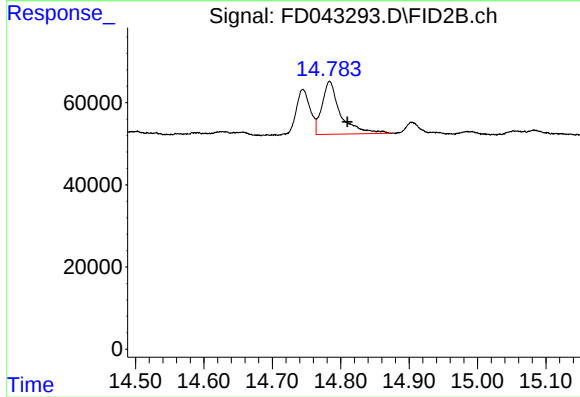
#13 Pyrene (C20.8)

R.T.: 12.964 min
Delta R.T.: 0.069 min
Response: 991485
Conc: 6.08 ug/ml



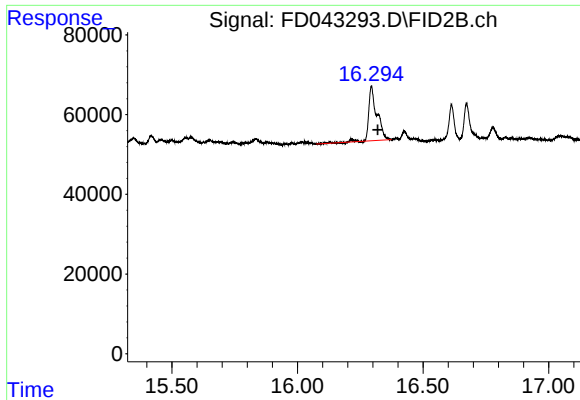
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.784 min
Delta R.T.: 0.015 min
Response: 242531
Conc: 1.56 ug/ml



#15 Chrysene (C27.41)

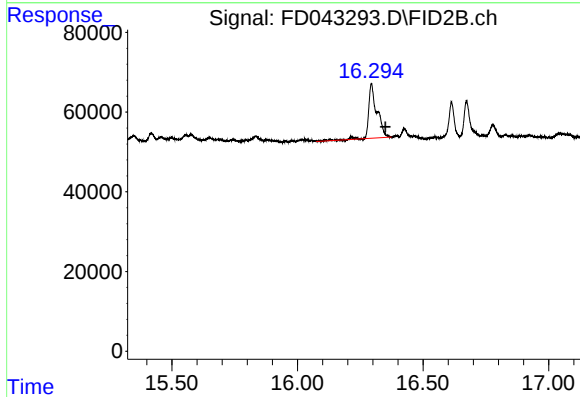
R.T.: 14.784 min
Delta R.T.: -0.026 min
Response: 242531
Conc: 1.54 ug/ml



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

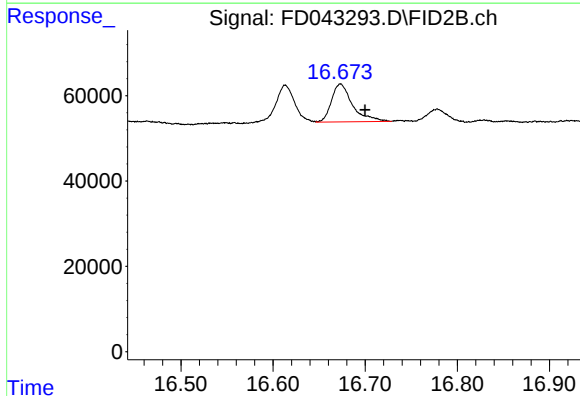
R.T.: 16.294 min
Delta R.T.: -0.026 min
Response: 310836
Conc: 2.04 ug/ml

Instrument :
FID_D
ClientSampleId :



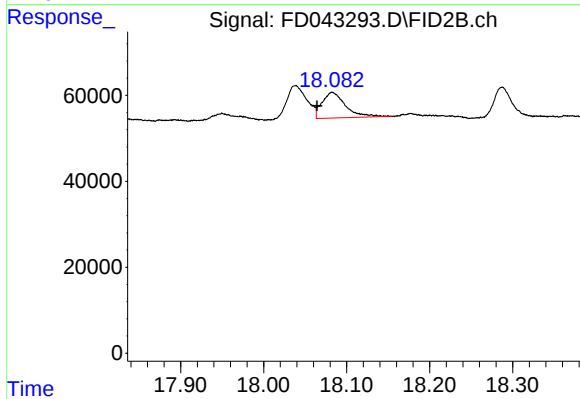
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.294 min
Delta R.T.: -0.056 min
Response: 310836
Conc: 2.12 ug/ml



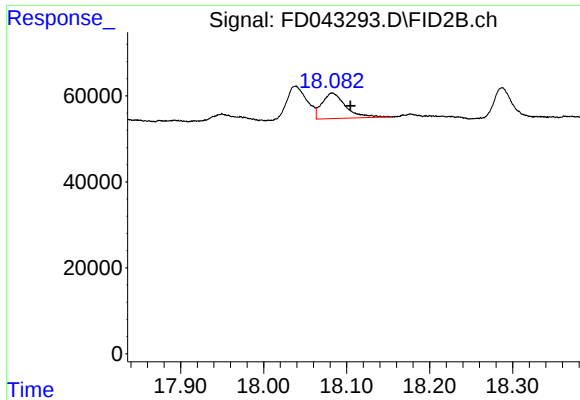
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.673 min
Delta R.T.: -0.027 min
Response: 140579
Conc: 0.98 ug/ml



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

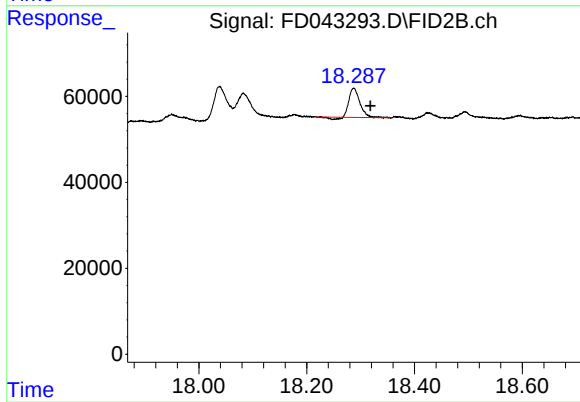
R.T.: 18.083 min
Delta R.T.: 0.019 min
Response: 117692
Conc: 0.94 ug/ml



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

R.T.: 18.083 min
Delta R.T.: -0.022 min
Response: 117692
Conc: 0.88 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.287 min
Delta R.T.: -0.031 min
Response: 91207
Conc: 0.70 ug/ml