

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061225AR\
 Data File : FD049459.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2025 13:40
 Operator : YP/AJ
 Sample : Q2177-06
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-202-SB01

Integration File: autoint1.e
 Quant Time: Jun 13 04:14:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:11:40 2025
 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...	7.733	6787663	40.832 ug/ml
Spiked Amount 50.000		Recovery =	81.66%
6) S 2-Fluorobiphenyl (SURR)	8.599	4648646	40.636 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.27%
11) S ortho-Terphenyl (SURR)	11.646	7498843	37.360 ug/ml
Spiked Amount 50.000		Recovery =	74.72%
Target Compounds			
9) T Phenanthrene (C19.36)	10.873	207162	1.090 ug/ml
12) T Fluoranthene (C21.85)	12.685	303847	1.685 ug/ml
13) T Pyrene (C20.8)	12.983	306148	1.715 ug/ml
14) T Benzo[a]anthracene (C...	14.853	128912	0.848 ug/ml
15) T Chrysene (C27.41)	14.895	138312	0.911 ug/ml
16) T benzo[b]fluoranthene ...	16.406	61215	0.423 ug/ml
17) T Bnezo[k]fluoranthene ...	16.406	61215	0.427 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.782	103942	0.765 ug/ml

(f)=RT Delta > 1/2 Window

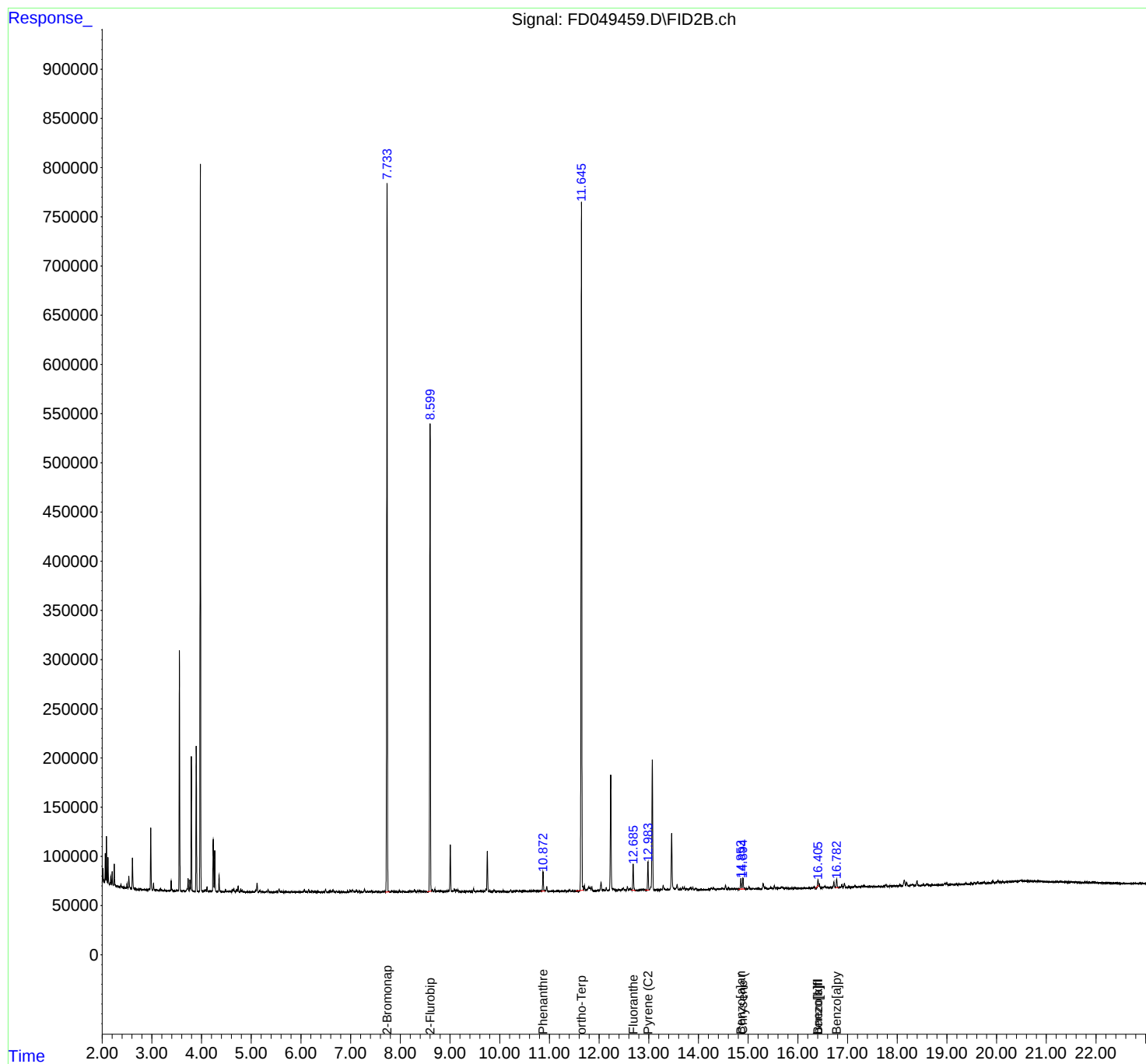
(m)=manual int.

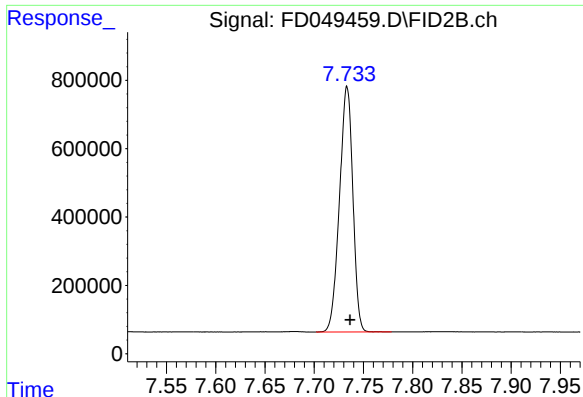
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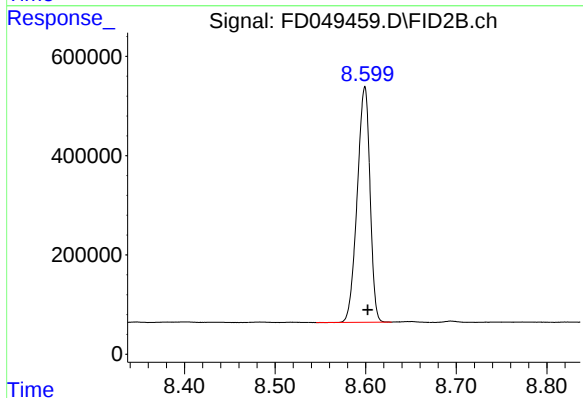




#4 2-Bromonaphthalene (SURRE)

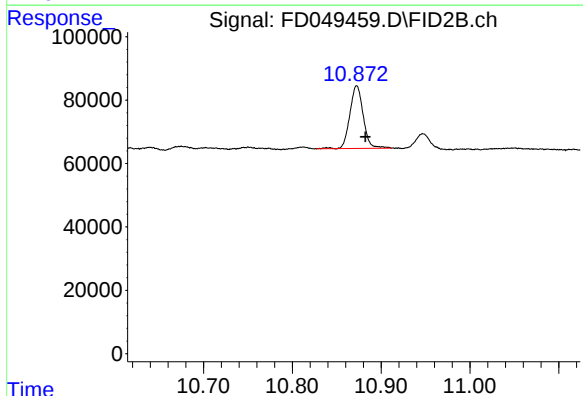
R.T.: 7.733 min
Delta R.T.: -0.003 min
Response: 6787663
Conc: 40.83 ug/ml

Instrument :
FID_D
ClientSampleId :
B-202-SB01



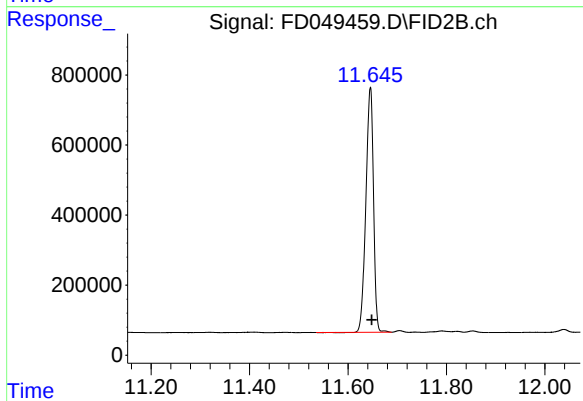
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.599 min
Delta R.T.: -0.003 min
Response: 4648646
Conc: 40.64 ug/ml



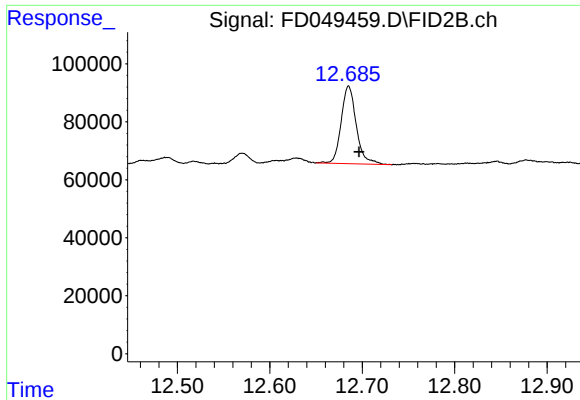
#9 Phenanthrene (C19.36)

R.T.: 10.873 min
Delta R.T.: -0.010 min
Response: 207162
Conc: 1.09 ug/ml



#11 ortho-Terphenyl (SURRE)

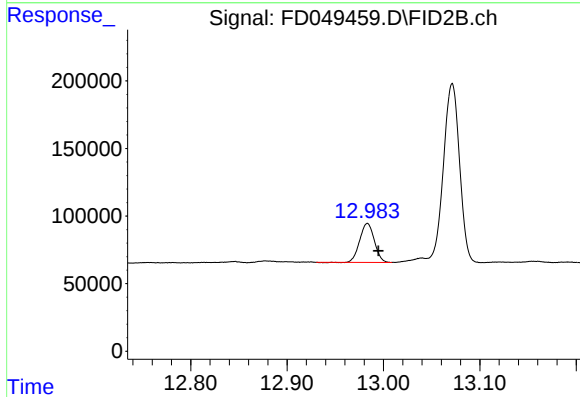
R.T.: 11.646 min
Delta R.T.: -0.003 min
Response: 7498843
Conc: 37.36 ug/ml



#12 Fluoranthene (C21.85)

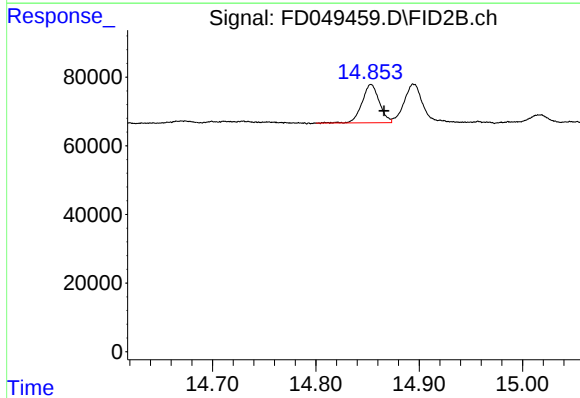
R.T.: 12.685 min
Delta R.T.: -0.011 min
Response: 303847
Conc: 1.68 ug/ml

Instrument :
FID_D
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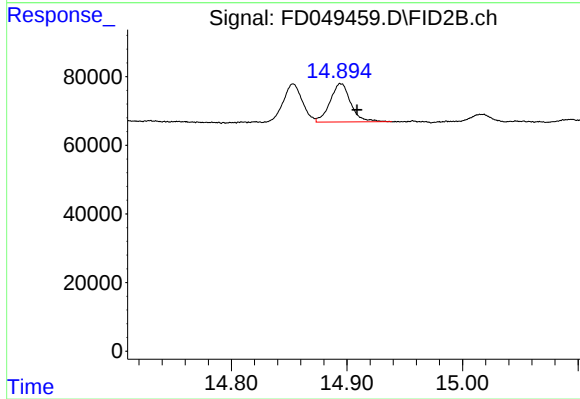
#13 Pyrene (C20.8)

R.T.: 12.983 min
Delta R.T.: -0.011 min
Response: 306148
Conc: 1.72 ug/ml



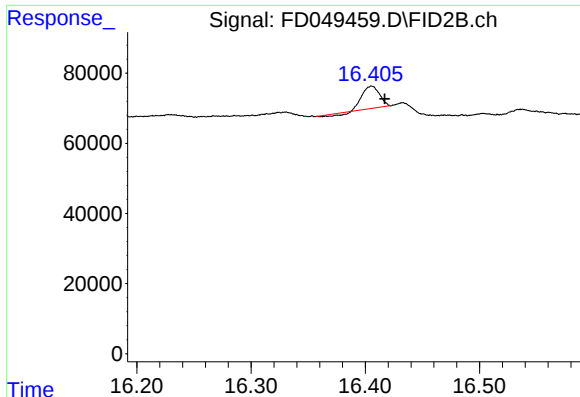
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.853 min
Delta R.T.: -0.013 min
Response: 128912
Conc: 0.85 ug/ml



#15 Chrysene (C27.41)

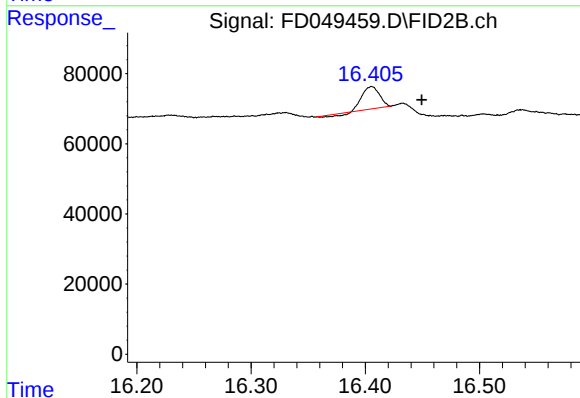
R.T.: 14.895 min
Delta R.T.: -0.014 min
Response: 138312
Conc: 0.91 ug/ml



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

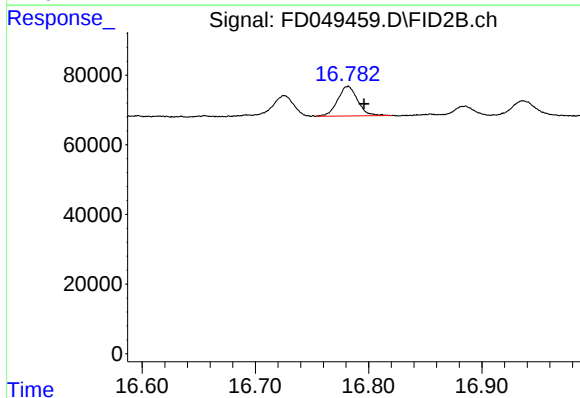
R.T.: 16.406 min
Delta R.T.: -0.011 min
Response: 61215
Conc: 0.42 ug/ml

Instrument :
FID_D
ClientSampleId :
B-202-SB01



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

R.T.: 16.406 min
Delta R.T.: -0.044 min
Response: 61215
Conc: 0.43 ug/ml



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

R.T.: 16.782 min
Delta R.T.: -0.014 min
Response: 103942
Conc: 0.76 ug/ml