

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061325AR\
 Data File : FD049486.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 11:07
 Operator : YP/AJ
 Sample : Q2286-03DL 20X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LAW-25-0084DL

Integration File: autoint1.e
 Quant Time: Jun 13 21:20:37 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...	7.731	430534	2.590 ug/ml
Spiked Amount 50.000		Recovery =	5.18%
6) S 2-Fluorobiphenyl (SURR)	8.595	395682	3.459 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	6.92%
11) S ortho-Terphenyl (SURR)	11.645	2242441	11.172 ug/ml
Spiked Amount 50.000		Recovery =	22.34%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.374	311742	1.609 ug/ml
7) T Acenaphthene (C15.5)	8.713	537030	2.823 ug/ml
8) T Flouorene (C16.55)	9.476	157710	0.807 ug/ml
9) T Phenanthrene (C19.36)	10.876	1955197	10.283 ug/ml
10) T Anthracene (C19.43)	10.954	1901947	10.879 ug/ml
12) T Fluoranthene (C21.85)	12.690	241660	1.340 ug/ml
15) T Chrysene (C27.41)	14.969f	177942	1.172 ug/ml
16) T benzo[b]fluoranthene ...	16.437	96338	0.666 ug/ml
17) T Bnezo[k]fluoranthene ...	16.437	96338	0.671 ug/ml

(f)=RT Delta > 1/2 Window

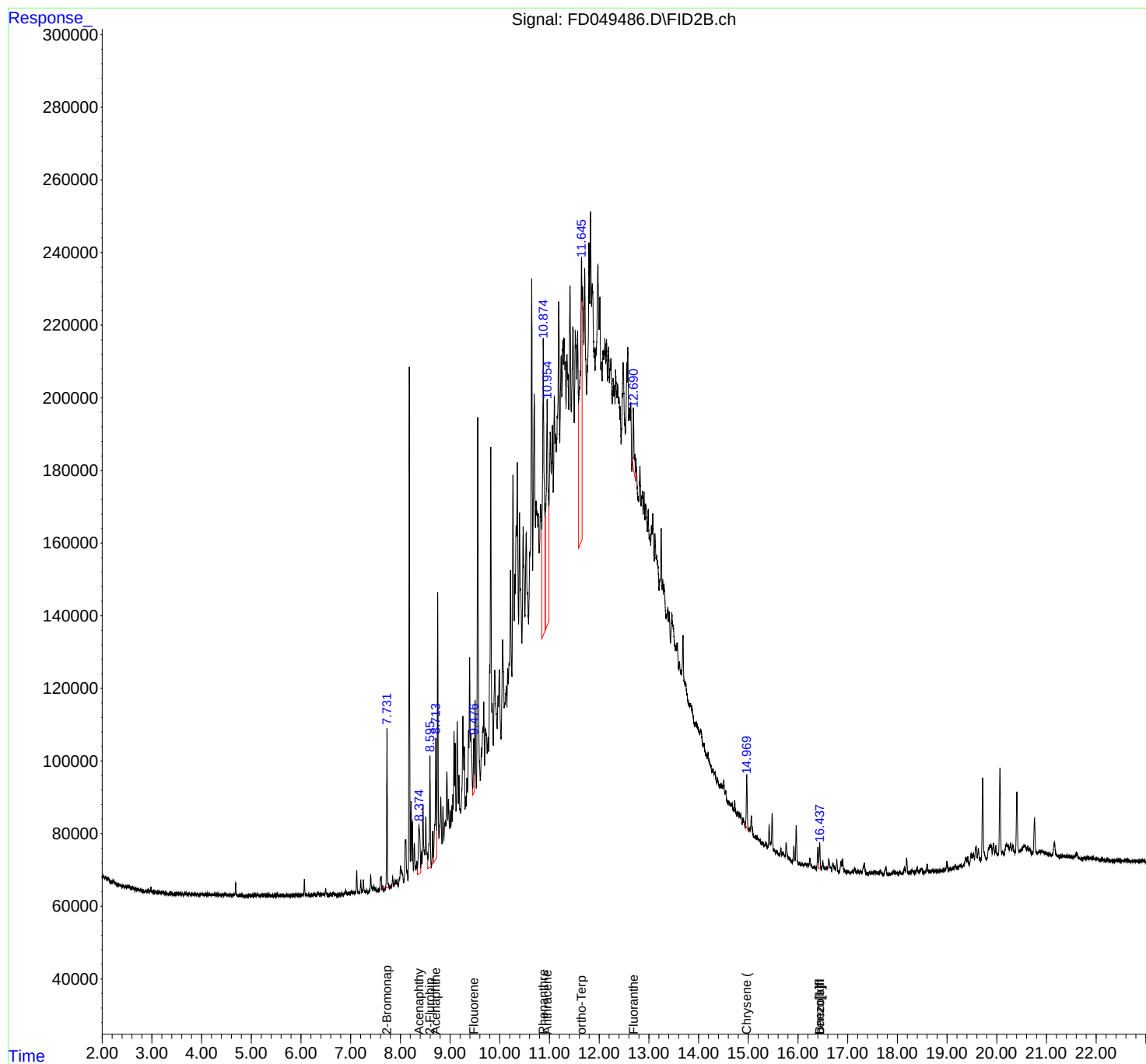
(m)=manual int.

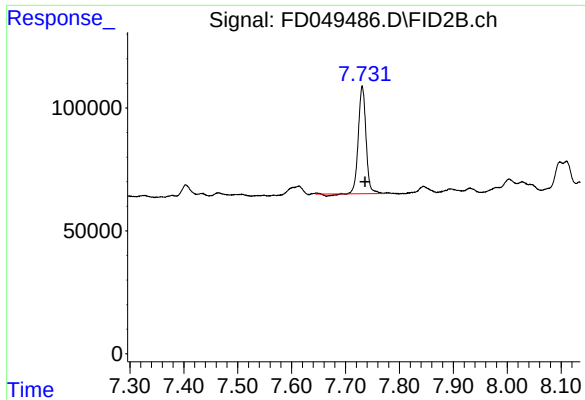
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

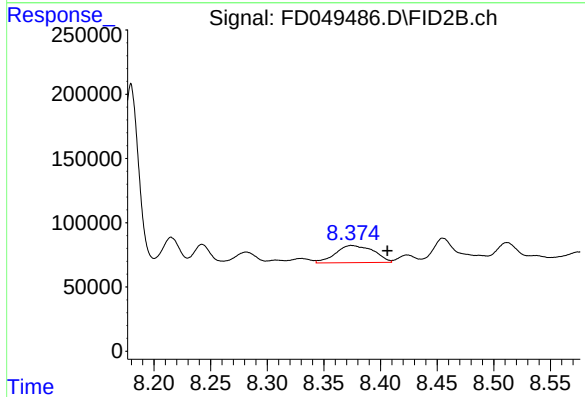




#4 2-Bromonaphthalene (SURRE)

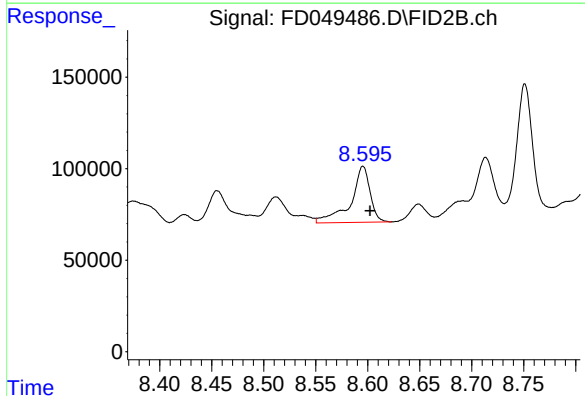
R.T.: 7.731 min
Delta R.T.: -0.005 min
Response: 430534
Conc: 2.59 ug/ml

Instrument :
FID_D
ClientSampleId :
LAW-25-0084DL



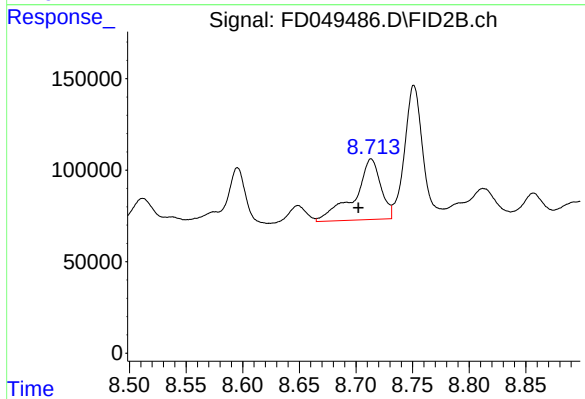
#5 Acenaphthylene (C15.06)

R.T.: 8.374 min
Delta R.T.: -0.032 min
Response: 311742
Conc: 1.61 ug/ml



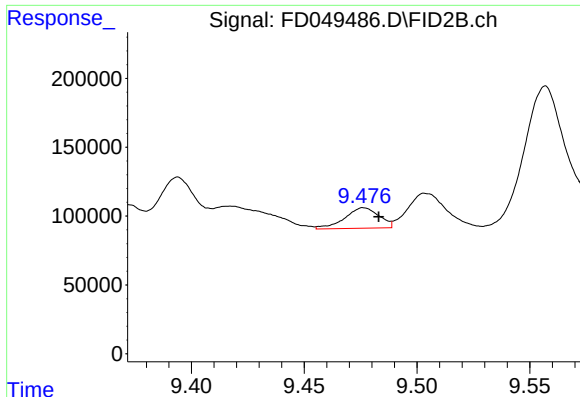
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.595 min
Delta R.T.: -0.007 min
Response: 395682
Conc: 3.46 ug/ml



#7 Acenaphthene (C15.5)

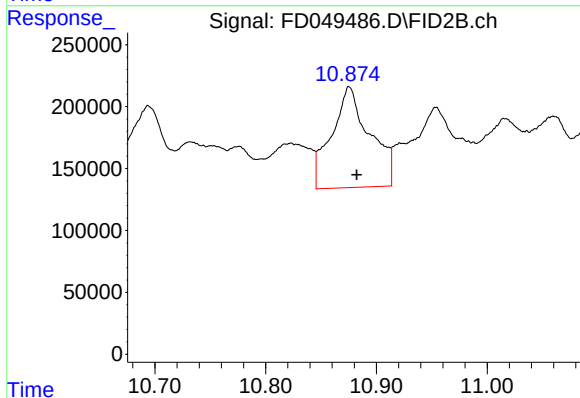
R.T.: 8.713 min
Delta R.T.: 0.011 min
Response: 537030
Conc: 2.82 ug/ml



#8 Fluorene (C16.55)

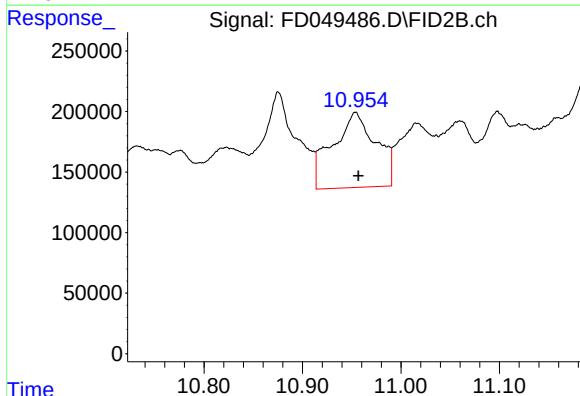
R.T.: 9.476 min
Delta R.T.: -0.007 min
Response: 157710
Conc: 0.81 ug/ml

Instrument :
FID_D
ClientSampleId :
LAW-25-0084DL



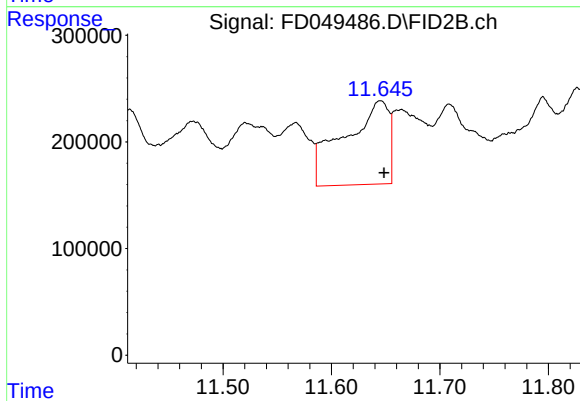
#9 Phenanthrene (C19.36)

R.T.: 10.876 min
Delta R.T.: -0.007 min
Response: 1955197
Conc: 10.28 ug/ml



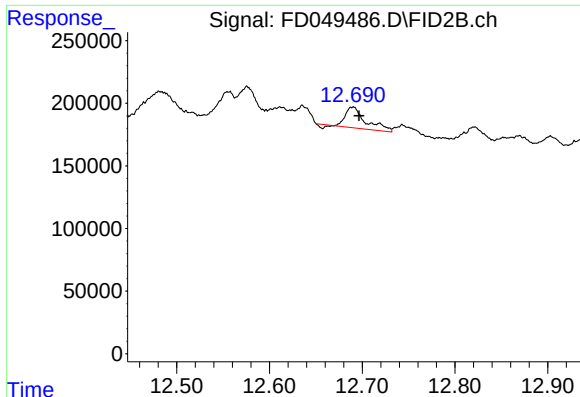
#10 Anthracene (C19.43)

R.T.: 10.954 min
Delta R.T.: -0.003 min
Response: 1901947
Conc: 10.88 ug/ml



#11 ortho-Terphenyl (SURR)

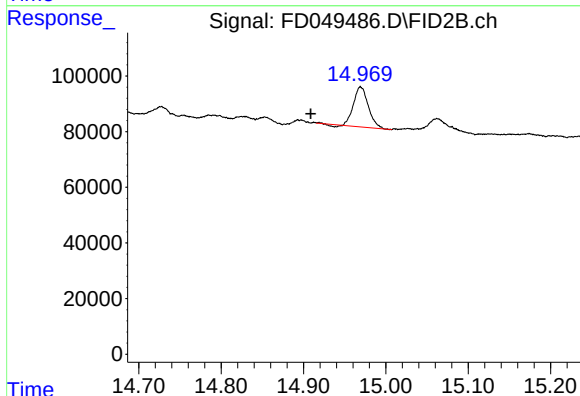
R.T.: 11.645 min
Delta R.T.: -0.003 min
Response: 2242441
Conc: 11.17 ug/ml



#12 Fluoranthene (C21.85)

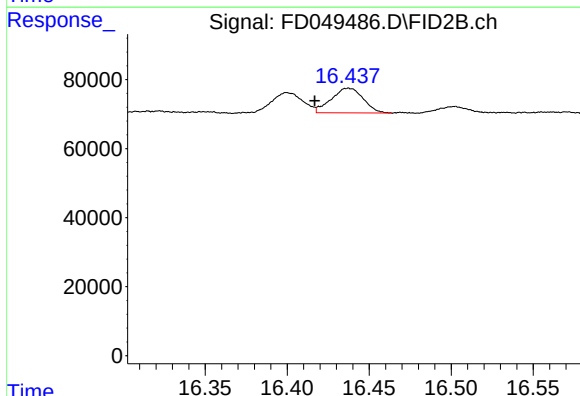
R.T.: 12.690 min
Delta R.T.: -0.006 min
Response: 241660
Conc: 1.34 ug/ml

Instrument :
FID_D
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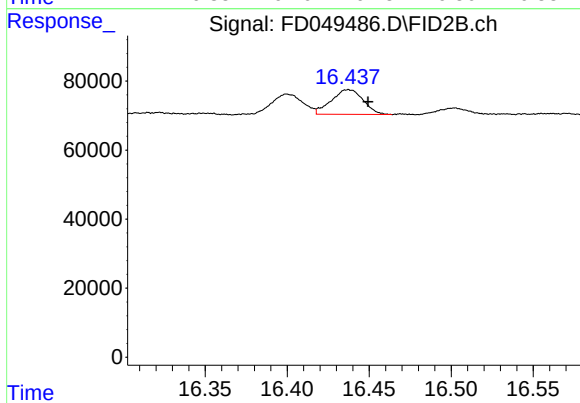
#15 Chrysene (C27.41)

R.T.: 14.969 min
Delta R.T.: 0.061 min
Response: 177942
Conc: 1.17 ug/ml



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

R.T.: 16.437 min
Delta R.T.: 0.020 min
Response: 96338
Conc: 0.67 ug/ml



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

R.T.: 16.437 min
Delta R.T.: -0.012 min
Response: 96338
Conc: 0.67 ug/ml