

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050825AR\
 Data File : FD049323.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2025 15:19
 Operator : YP/AJ
 Sample : Q1872-16DL 2X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 HW0425-PT-NJEPH-SOILD

Integration File: autoint1.e
 Quant Time: May 09 09:18:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 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...	7.738	3682168	31.055 ug/ml
Spiked Amount 50.000		Recovery =	62.11%
6) S 2-Fluorobiphenyl (SURR)	8.603	1864056	23.604 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.21%
11) S ortho-Terphenyl (SURR)	11.649	3705019	26.844 ug/ml
Spiked Amount 50.000		Recovery =	53.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.529	127435	1.021 ug/ml
3) T 2-Methylnaphthalene (...)	7.133	500832	3.882 ug/ml
5) T Acenaphthylene (C15.06)	8.400	229364	1.625 ug/ml
7) T Acenaphthene (C15.5)	8.688	98114	0.716 ug/ml
12) T Fluoranthene (C21.85)	12.694	176318	1.308 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.128	344876	3.143 ug/ml
20) T Dibenz[a,h]anthracene...	18.195	139016	1.316 ug/ml

(f)=RT Delta > 1/2 Window

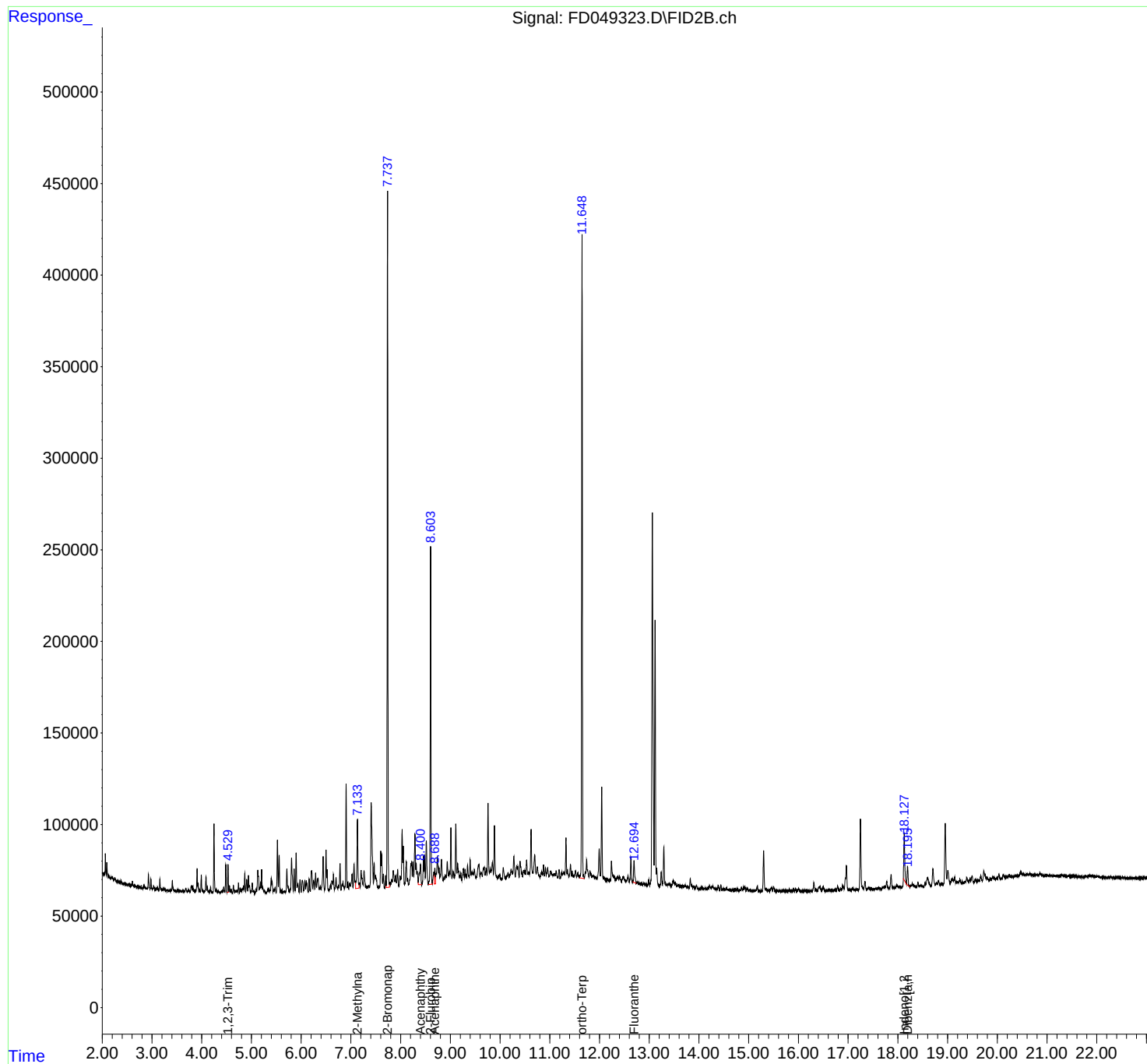
(m)=manual int.

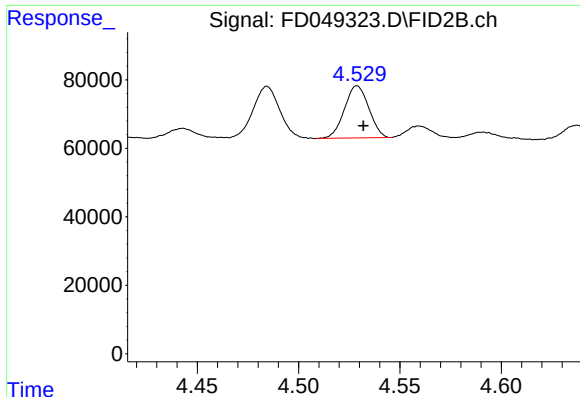
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Signal Info : 20M x 0.18mm x 0.18µm

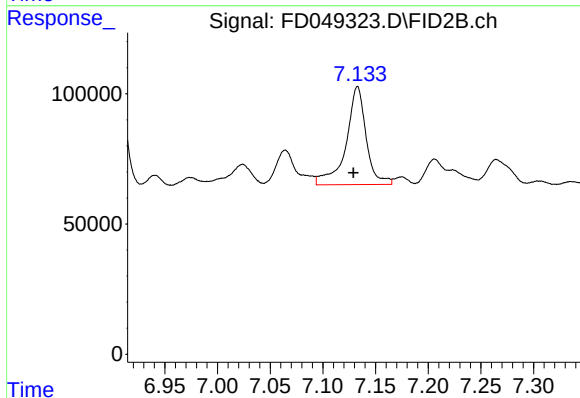




#1 1,2,3-Trimethylbenzene (C10.1)

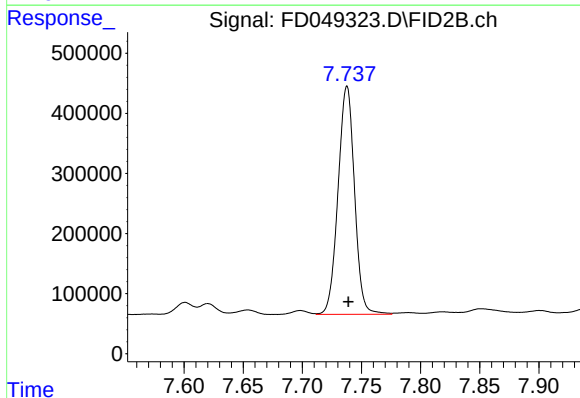
R.T.: 4.529 min
Delta R.T.: -0.003 min
Response: 127435
Conc: 1.02 ug/ml

Instrument :
FID_D
ClientSampleId :
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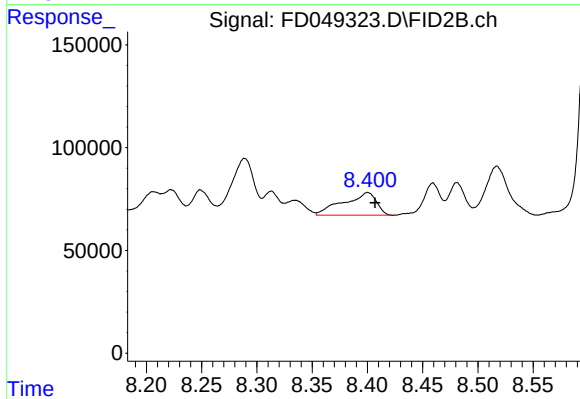
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.133 min
Delta R.T.: 0.004 min
Response: 500832
Conc: 3.88 ug/ml



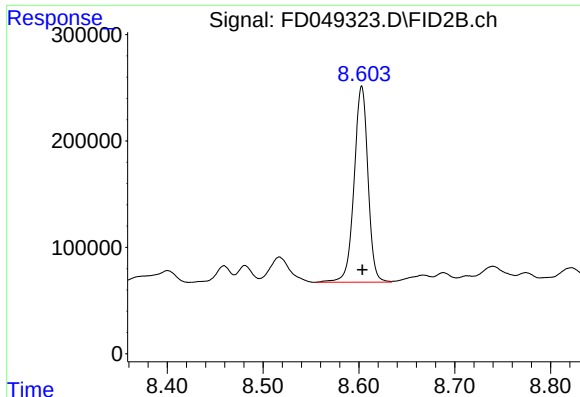
#4 2-Bromonaphthalene (SURR)

R.T.: 7.738 min
Delta R.T.: -0.001 min
Response: 3682168
Conc: 31.05 ug/ml



#5 Acenaphthylene (C15.06)

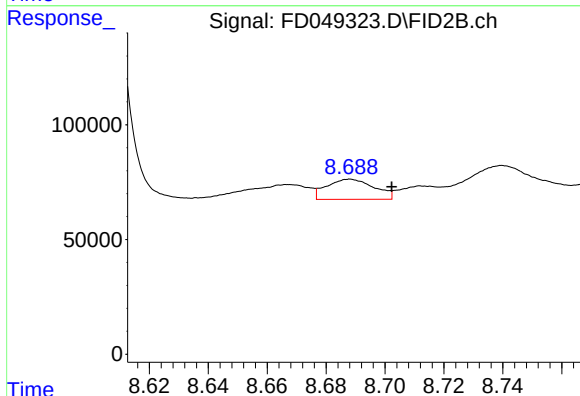
R.T.: 8.400 min
Delta R.T.: -0.007 min
Response: 229364
Conc: 1.62 ug/ml



#6 2-Fluorobiphenyl (SURR)

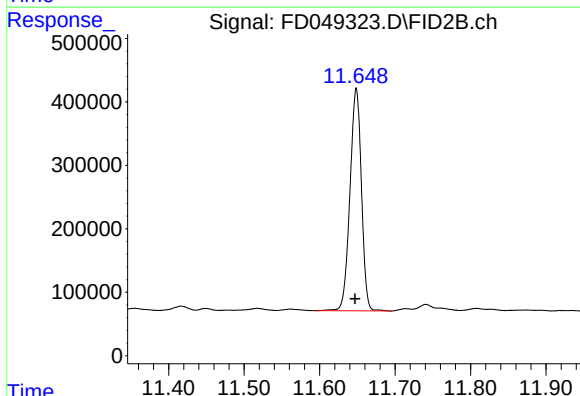
R.T.: 8.603 min
Delta R.T.: 0.000 min
Response: 1864056
Conc: 23.60 ug/ml

Instrument :
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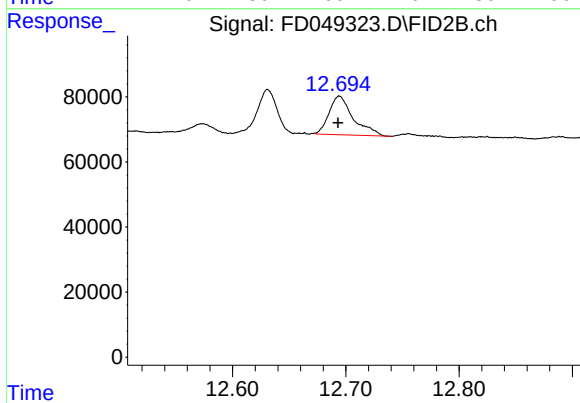
#7 Acenaphthene (C15.5)

R.T.: 8.688 min
Delta R.T.: -0.014 min
Response: 98114
Conc: 0.72 ug/ml



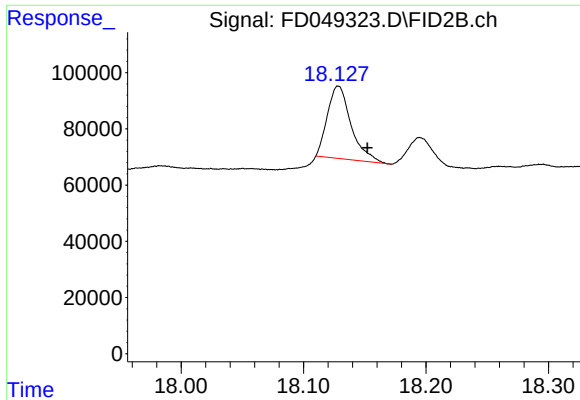
#11 ortho-Terphenyl (SURR)

R.T.: 11.649 min
Delta R.T.: 0.002 min
Response: 3705019
Conc: 26.84 ug/ml



#12 Fluoranthene (C21.85)

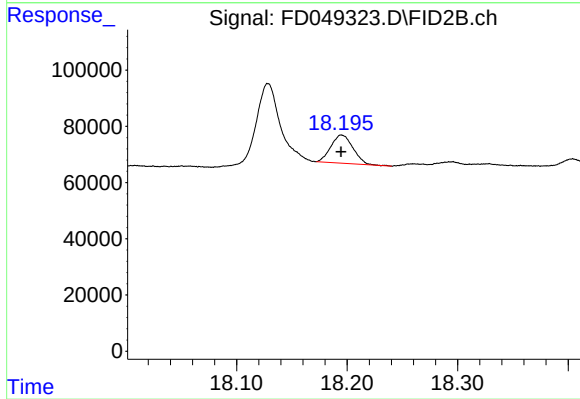
R.T.: 12.694 min
Delta R.T.: 0.001 min
Response: 176318
Conc: 1.31 ug/ml



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

R.T.: 18.128 min
Delta R.T.: -0.024 min
Response: 344876
Conc: 3.14 ug/ml

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

R.T.: 18.195 min
Delta R.T.: 0.000 min
Response: 139016
Conc: 1.32 ug/ml