

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052325AR\
 Data File : FD049389.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2025 11:42
 Operator : YP/AJ
 Sample : Q2102-03DL 5X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LAW-25-0078DL

Integration File: autoint1.e
 Quant Time: May 24 03:02:02 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...	7.736	1531514	12.917 ug/ml
Spiked Amount 50.000		Recovery =	25.83%
6) S 2-Fluorobiphenyl (SURR)	8.601	654938	8.293 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	16.59%
11) S ortho-Terphenyl (SURR)	11.648	1643736	11.909 ug/ml
Spiked Amount 50.000		Recovery =	23.82%
Target Compounds			
7) T Acenaphthene (C15.5)	8.656	82172	0.600 ug/ml
16) T benzo[b]fluoranthene ...	16.399	1249312	10.292 ug/ml
17) T Bnezo[k]fluoranthene ...	16.435	719146	6.030 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.793	1511314	13.144 ug/ml

(f)=RT Delta > 1/2 Window

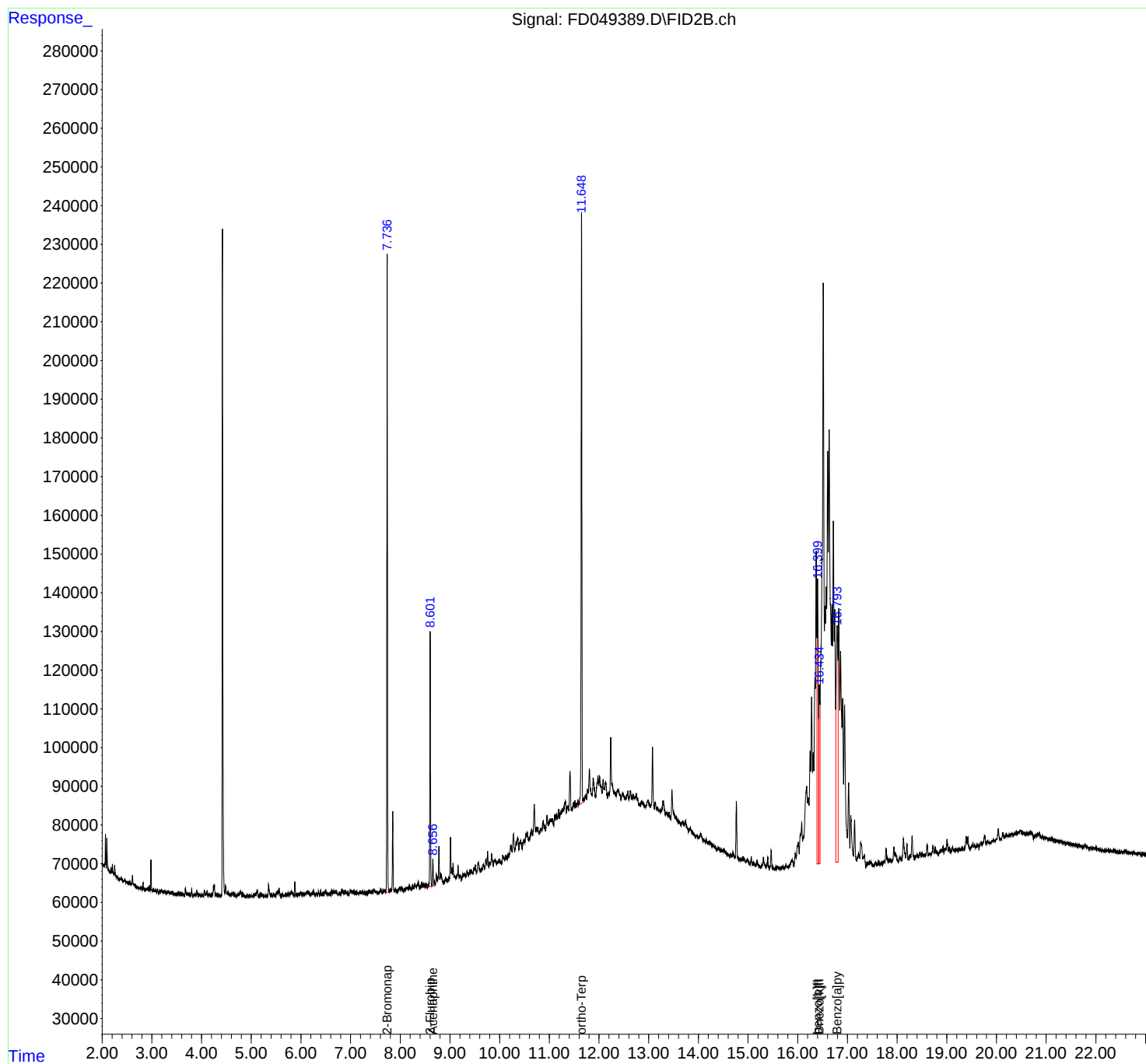
(m)=manual int.

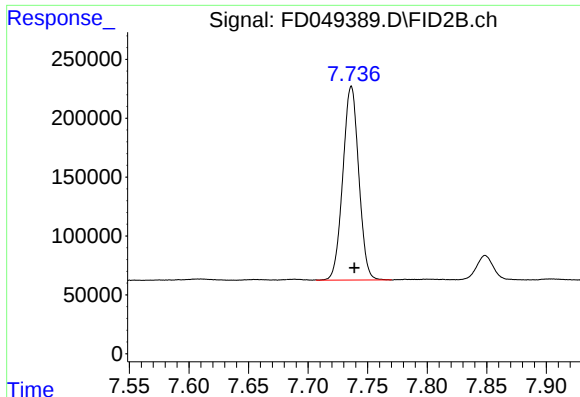
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Signal Info : 20M x 0.18mm x 0.18µm

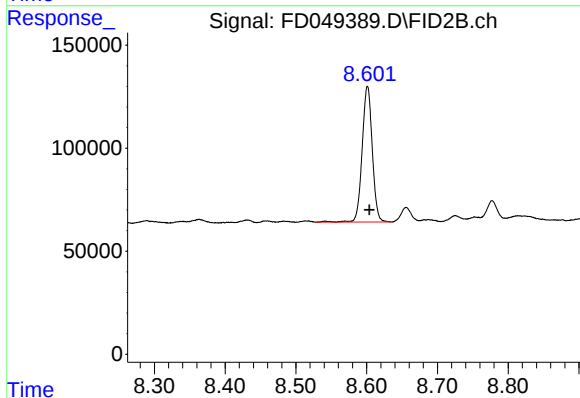




#4 2-Bromonaphthalene (SURR)

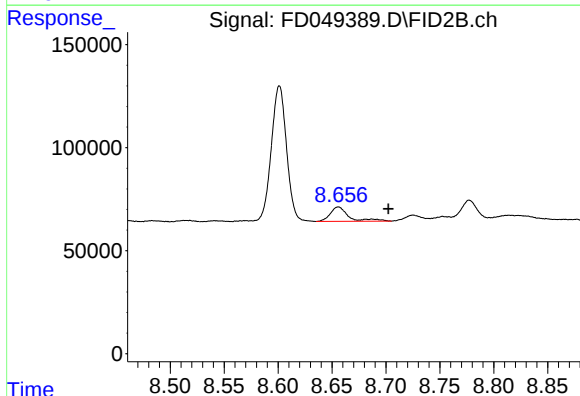
R.T.: 7.736 min
Delta R.T.: -0.003 min
Response: 1531514
Conc: 12.92 ug/ml

Instrument :
FID_D
ClientSampleId :
LAW-25-0078DL



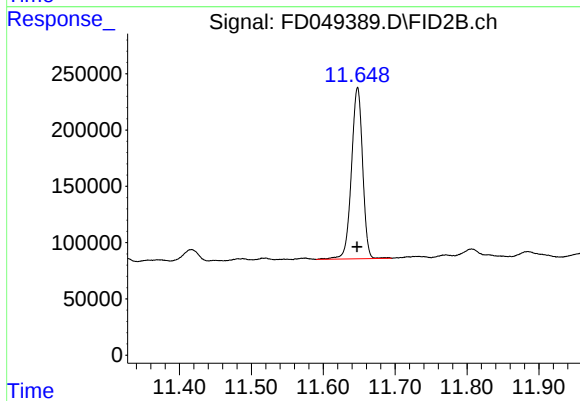
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.601 min
Delta R.T.: -0.002 min
Response: 654938
Conc: 8.29 ug/ml



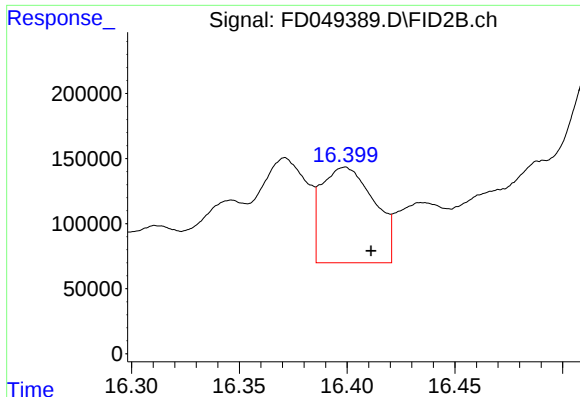
#7 Acenaphthene (C15.5)

R.T.: 8.656 min
Delta R.T.: -0.046 min
Response: 82172
Conc: 0.60 ug/ml



#11 ortho-Terphenyl (SURR)

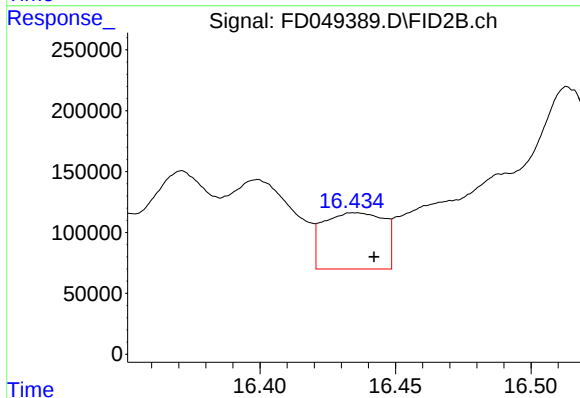
R.T.: 11.648 min
Delta R.T.: 0.000 min
Response: 1643736
Conc: 11.91 ug/ml



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

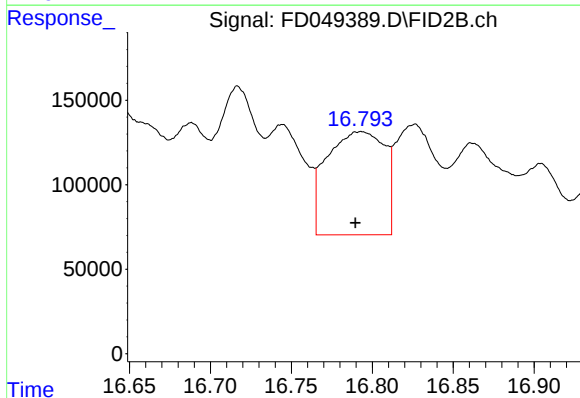
R.T.: 16.399 min
Delta R.T.: -0.012 min
Response: 1249312
Conc: 10.29 ug/ml

Instrument :
FID_D
ClientSampleId :
LAW-25-0078DL



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

R.T.: 16.435 min
Delta R.T.: -0.007 min
Response: 719146
Conc: 6.03 ug/ml



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

R.T.: 16.793 min
Delta R.T.: 0.003 min
Response: 1511314
Conc: 13.14 ug/ml