

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092525AR\
 Data File : FF016454.D
 Signal(s) : FID2B.ch
 Acq On : 25 Sep 2025 16:52
 Operator : YP\AJ
 Sample : Q3176-01
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 26 02:44:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:24:48 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...	8.034	5378435	42.936 ug/ml
Spiked Amount 50.000		Recovery =	85.87%
6) S 2-Fluorobiphenyl (SURR)	8.912	3575060	42.389 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.78%
11) S ortho-Terphenyl (SURR)	11.979	3772102	24.743 ug/ml
Spiked Amount 50.000		Recovery =	49.49%
Target Compounds			
7) T Acenaphthene (C15.5)	9.008	36049	0.251 ug/ml
8) T Flouorene (C16.55)	9.800	51048	0.353 ug/ml
9) T Phenanthrene (C19.36)	11.209	117015	0.802 ug/ml
12) T Fluoranthene (C21.85)	13.033	146889	1.006 ug/ml
13) T Pyrene (C20.8)	13.333	92013	0.642 ug/ml
14) T Benzo[a]anthracene (C...	15.219	61467	0.452 ug/ml
15) T Chrysene (C27.41)	15.259	113560	0.796 ug/ml
16) T benzo[b]fluoranthene ...	16.785	121014	0.921 ug/ml
17) T Bnezo[k]fluoranthene ...	16.785	121014	0.961 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.161	125790	0.985 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.508	506045	4.437 ug/ml
20) T Dibenz[a,h]anthracene...	18.579	322102	2.467 ug/ml
21) T Benzo[g,h,i]perylene ...	18.791	114896	0.933 ug/ml

(f)=RT Delta > 1/2 Window

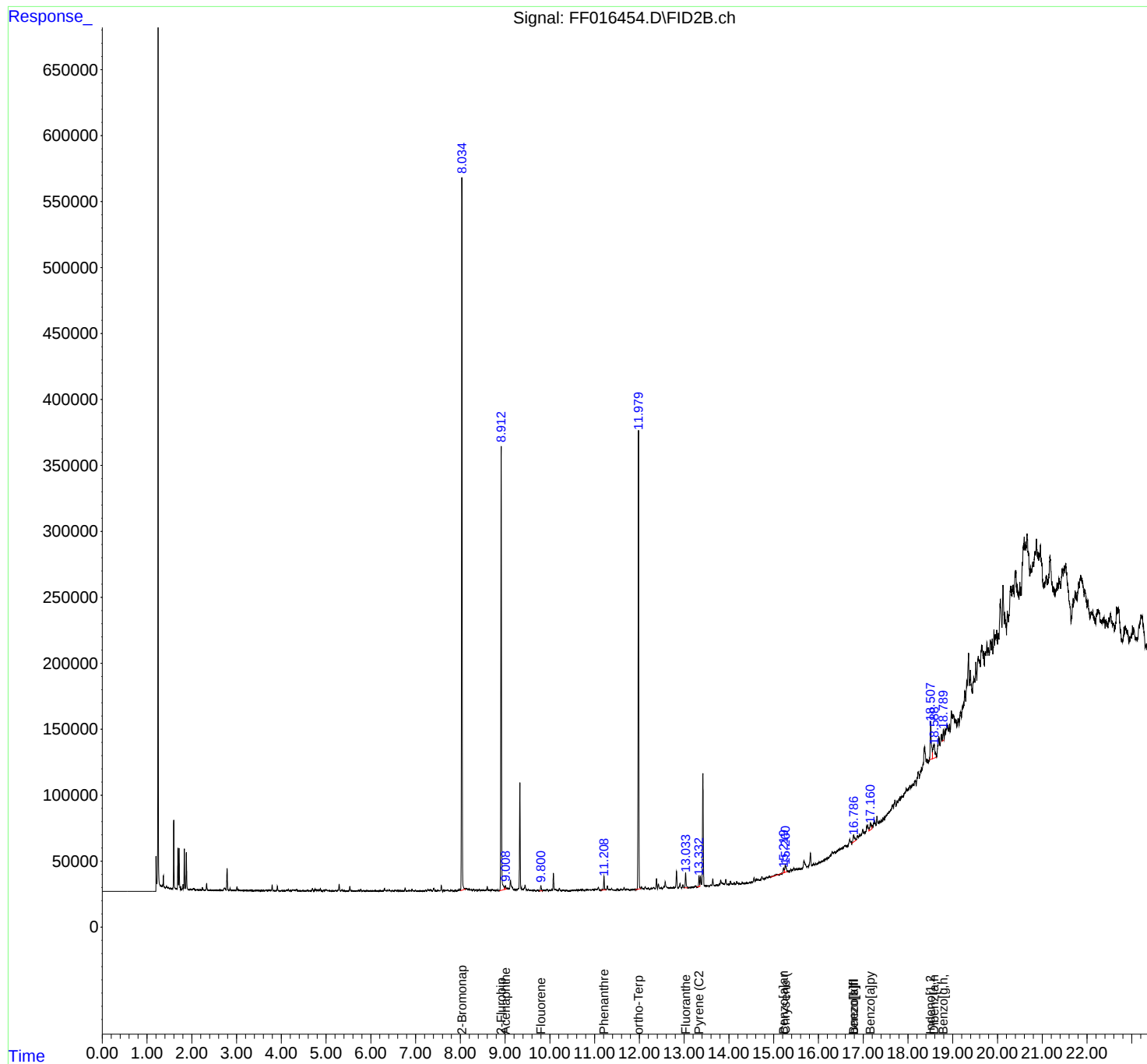
(m)=manual int.

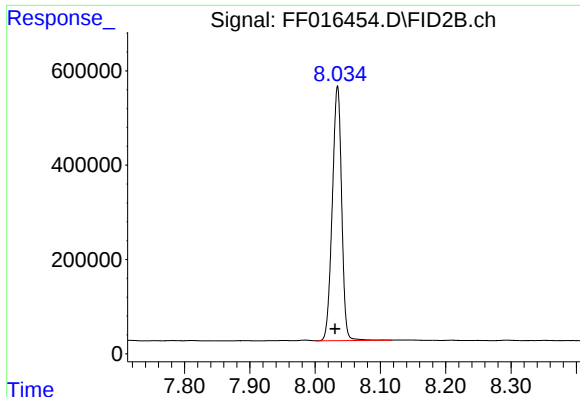
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

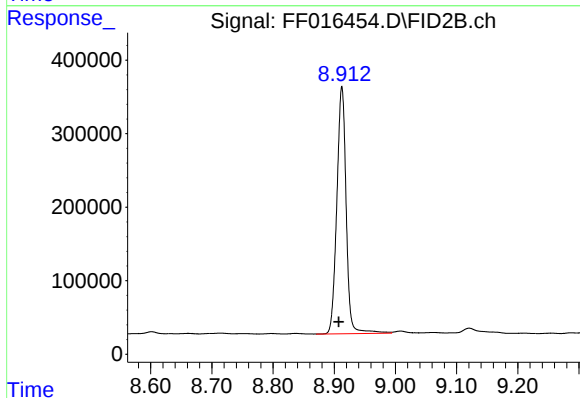




#4 2-Bromonaphthalene (SURRE)

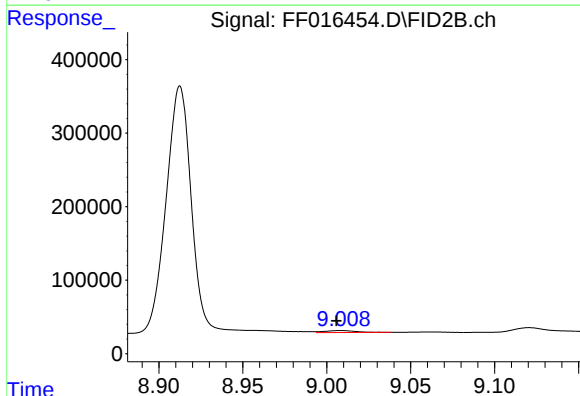
R.T.: 8.034 min
Delta R.T.: 0.004 min
Response: 5378435
Conc: 42.94 ug/ml

Instrument :
FID_E
ClientSampleId :



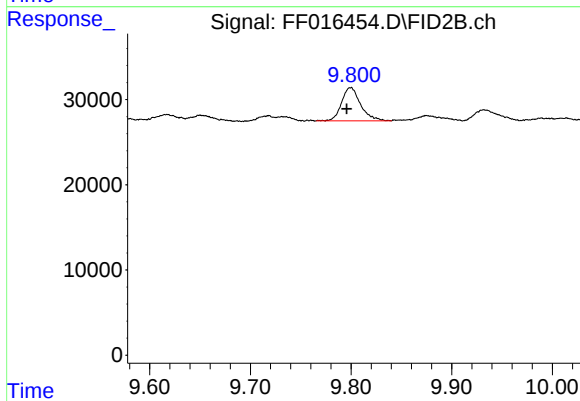
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.912 min
Delta R.T.: 0.005 min
Response: 3575060
Conc: 42.39 ug/ml



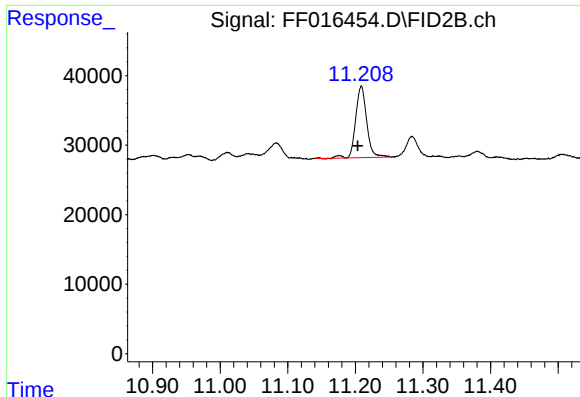
#7 Acenaphthene (C15.5)

R.T.: 9.008 min
Delta R.T.: 0.003 min
Response: 36049
Conc: 0.25 ug/ml



#8 Fluorene (C16.55)

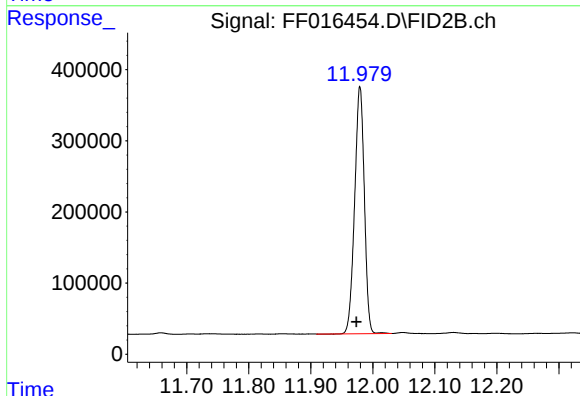
R.T.: 9.800 min
Delta R.T.: 0.004 min
Response: 51048
Conc: 0.35 ug/ml



#9 Phenanthrene (C19.36)

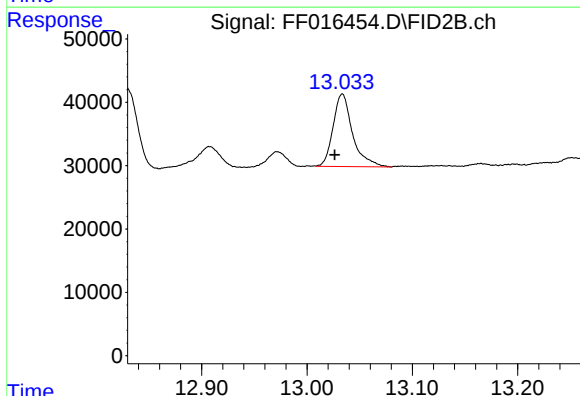
R.T.: 11.209 min
Delta R.T.: 0.005 min
Response: 117015
Conc: 0.80 ug/ml

Instrument :
FID_E
ClientSampleId :



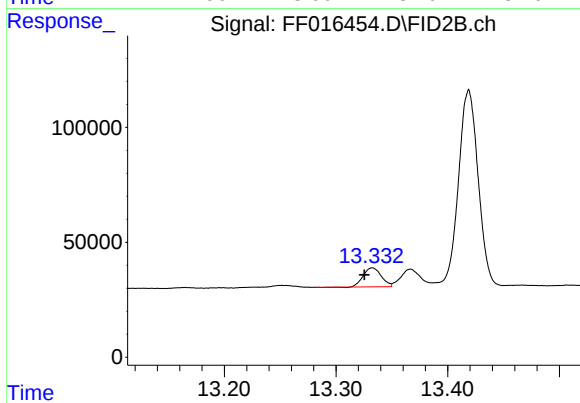
#11 ortho-Terphenyl (SURR)

R.T.: 11.979 min
Delta R.T.: 0.006 min
Response: 3772102
Conc: 24.74 ug/ml



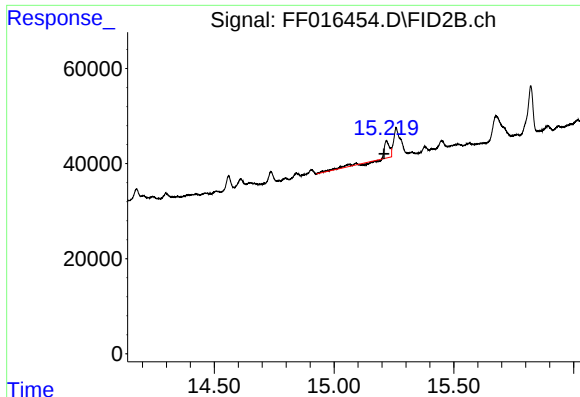
#12 Fluoranthene (C21.85)

R.T.: 13.033 min
Delta R.T.: 0.007 min
Response: 146889
Conc: 1.01 ug/ml



#13 Pyrene (C20.8)

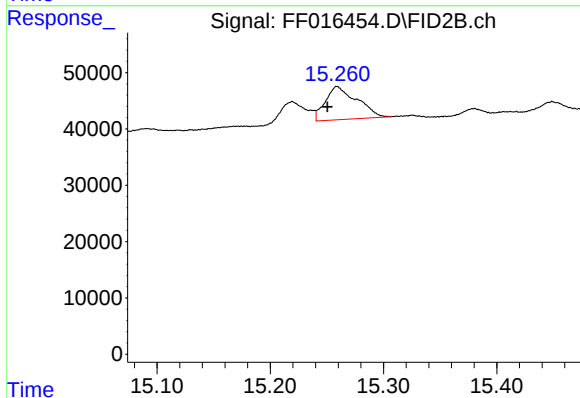
R.T.: 13.333 min
Delta R.T.: 0.007 min
Response: 92013
Conc: 0.64 ug/ml



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

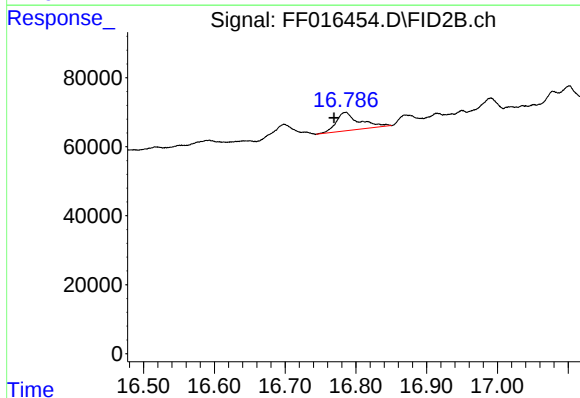
R.T.: 15.219 min
Delta R.T.: 0.010 min
Response: 61467
Conc: 0.45 ug/ml

Instrument :
FID_E
ClientSampleId :



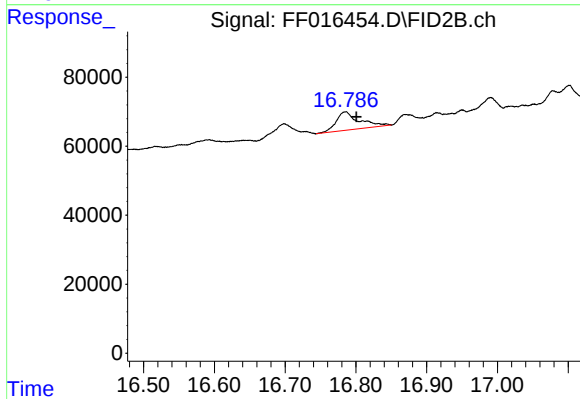
#15 Chrysene (C27.41)

R.T.: 15.259 min
Delta R.T.: 0.009 min
Response: 113560
Conc: 0.80 ug/ml



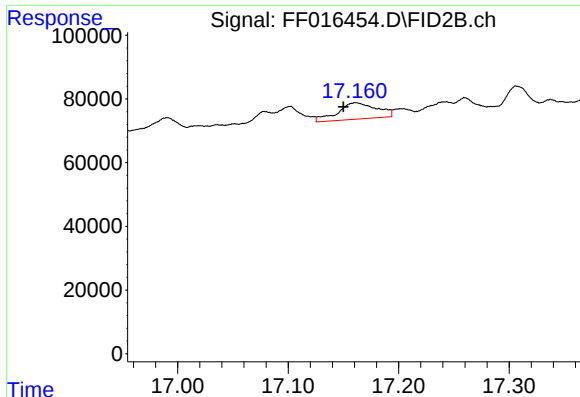
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.785 min
Delta R.T.: 0.016 min
Response: 121014
Conc: 0.92 ug/ml



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

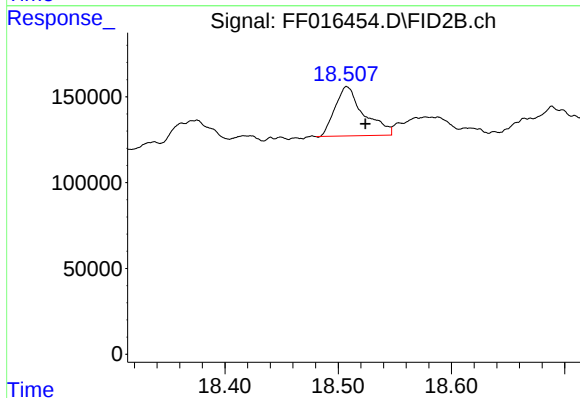
R.T.: 16.785 min
Delta R.T.: -0.016 min
Response: 121014
Conc: 0.96 ug/ml



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

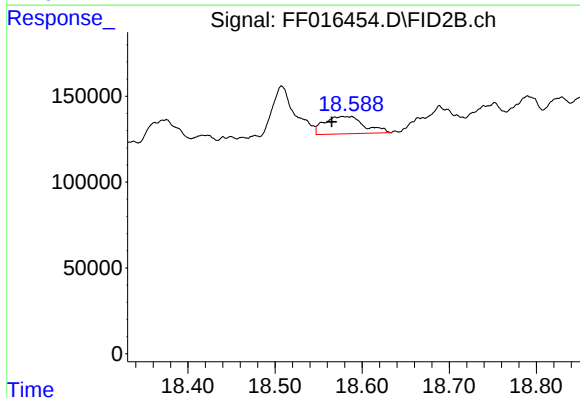
R.T.: 17.161 min
Delta R.T.: 0.011 min
Response: 125790
Conc: 0.99 ug/ml

Instrument :
FID_E
ClientSampleId :



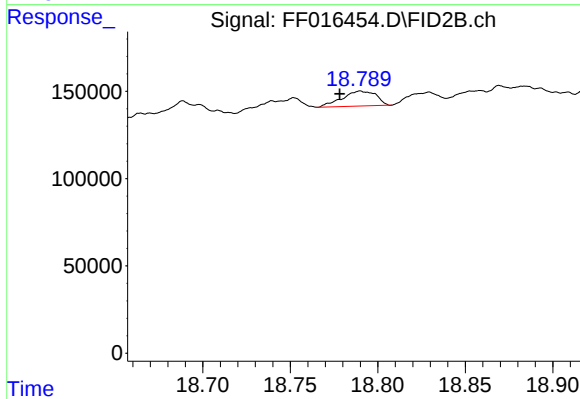
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.508 min
Delta R.T.: -0.016 min
Response: 506045
Conc: 4.44 ug/ml



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

R.T.: 18.579 min
Delta R.T.: 0.014 min
Response: 322102
Conc: 2.47 ug/ml



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

R.T.: 18.791 min
Delta R.T.: 0.012 min
Response: 114896
Conc: 0.93 ug/ml