

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121523AR\
 Data File : FD047048.D
 Signal(s) : FID2B.ch
 Acq On : 15 Dec 2023 12:09
 Operator : YP/AJ
 Sample : 05791-10DL 5X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 15 22:33:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 2023
 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...	7.471	2315367	13.383 ug/ml
Spiked Amount 50.000		Recovery =	26.77%
6) S 2-Fluorobiphenyl (SURR)	8.324	1098065	10.098 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.20%
11) S ortho-Terphenyl (SURR)	11.359	2266749	11.391 ug/ml
Spiked Amount 50.000		Recovery =	22.78%
Target Compounds			
7) T Acenaphthene (C15.5)	8.385	50403	0.272 ug/ml
12) T Fluoranthene (C21.85)	12.422	54546	0.344 ug/ml
14) T Benzo[a]anthracene (C...	14.571	106399	0.821 ug/ml
15) T Chrysene (C27.41)	14.611	47217	0.329 ug/ml
16) T benzo[b]fluoranthene ...	16.062	93939	0.703 ug/ml
17) T Bnezo[k]fluoranthene ...	16.126	201349	1.474 ug/ml
21) T Benzo[g,h,i]perylene ...	18.118	673578	5.148 ug/ml

(f)=RT Delta > 1/2 Window

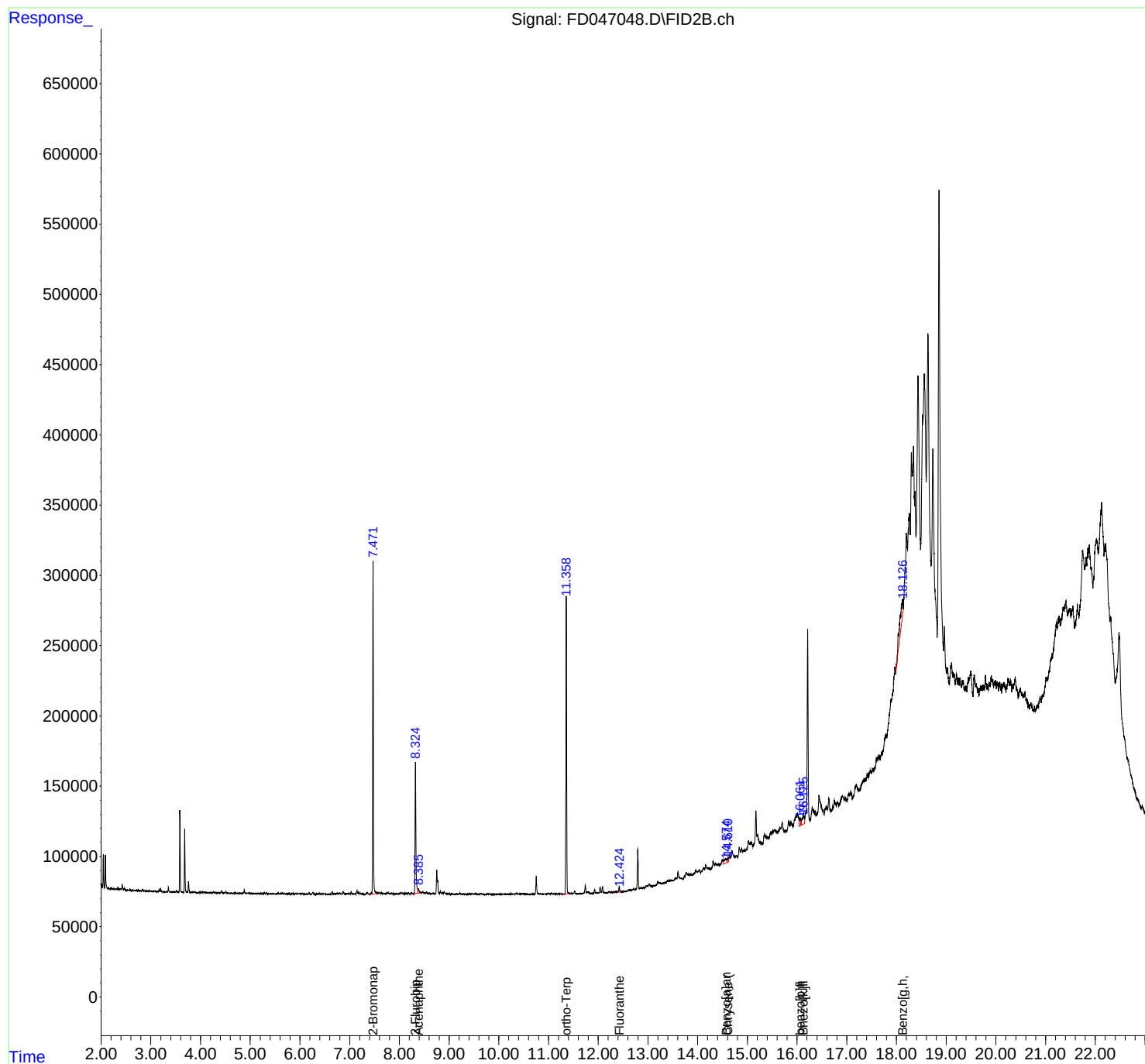
(m)=manual int.

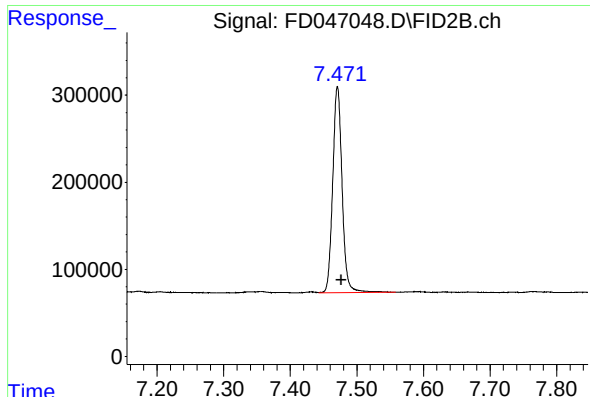
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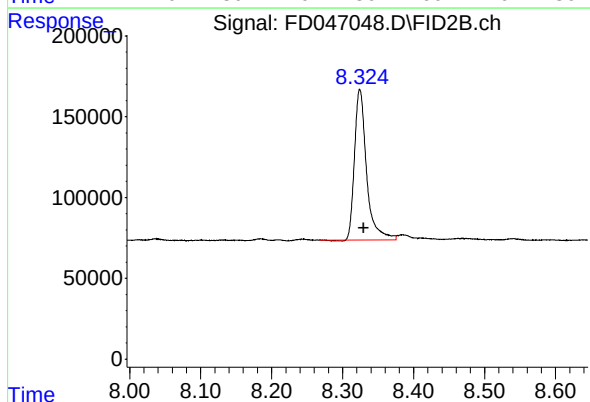




#4 2-Bromonaphthalene (SURR)

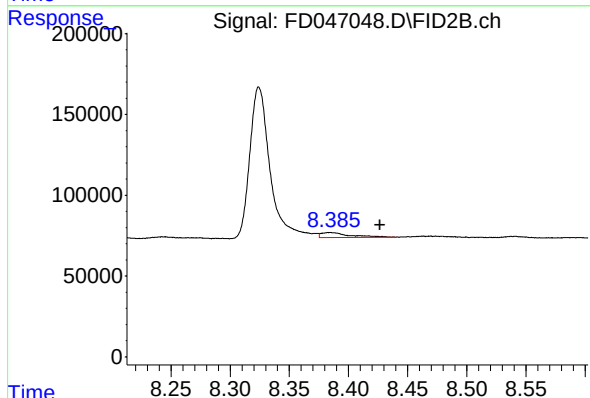
R.T.: 7.471 min
Delta R.T.: -0.005 min
Response: 2315367
Conc: 13.38 ug/ml

Instrument :
FID_D
ClientSampleId :



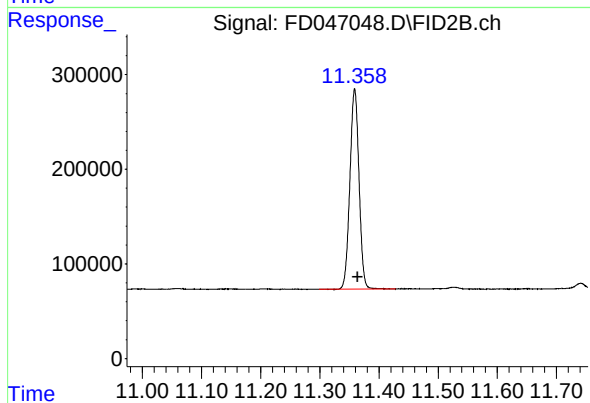
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: -0.005 min
Response: 1098065
Conc: 10.10 ug/ml



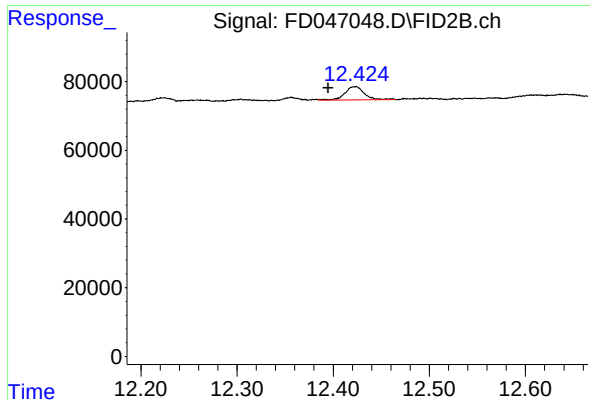
#7 Acenaphthene (C15.5)

R.T.: 8.385 min
Delta R.T.: -0.042 min
Response: 50403
Conc: 0.27 ug/ml



#11 ortho-Terphenyl (SURR)

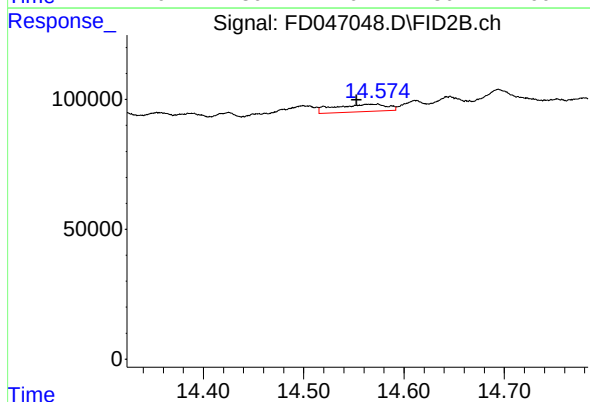
R.T.: 11.359 min
Delta R.T.: -0.005 min
Response: 2266749
Conc: 11.39 ug/ml



#12 Fluoranthene (C21.85)

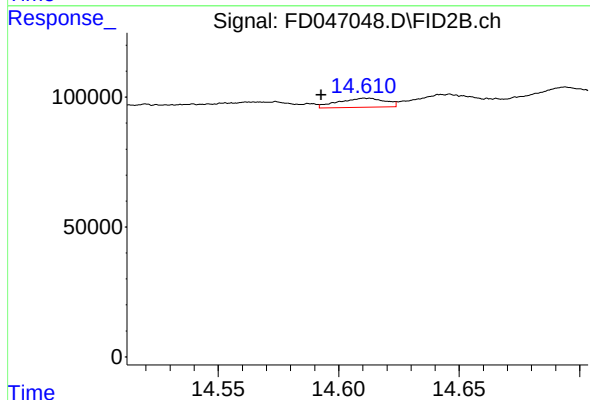
R.T.: 12.422 min
Delta R.T.: 0.027 min
Response: 54546
Conc: 0.34 ug/ml

Instrument :
FID_D
ClientSampleId :



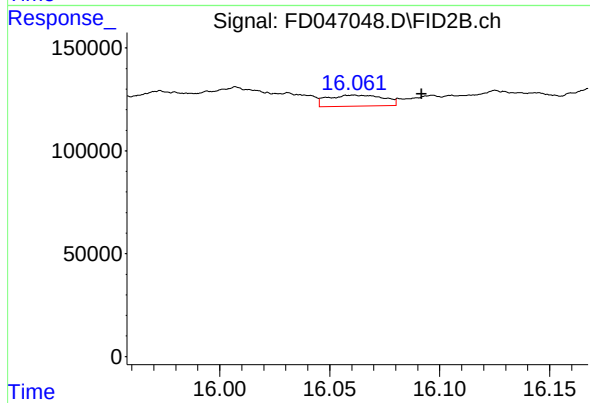
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.571 min
Delta R.T.: 0.018 min
Response: 106399
Conc: 0.82 ug/ml



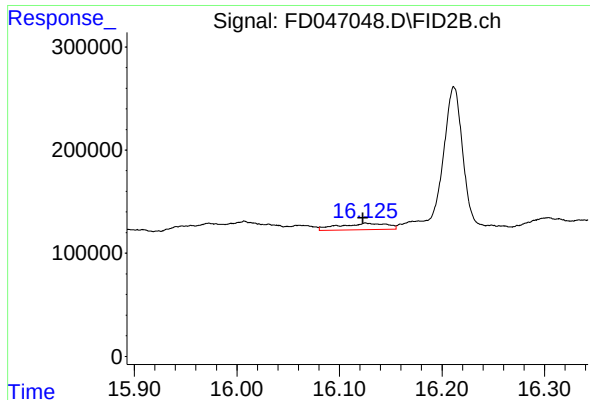
#15 Chrysene (C27.41)

R.T.: 14.611 min
Delta R.T.: 0.019 min
Response: 47217
Conc: 0.33 ug/ml



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

R.T.: 16.062 min
Delta R.T.: -0.030 min
Response: 93939
Conc: 0.70 ug/ml



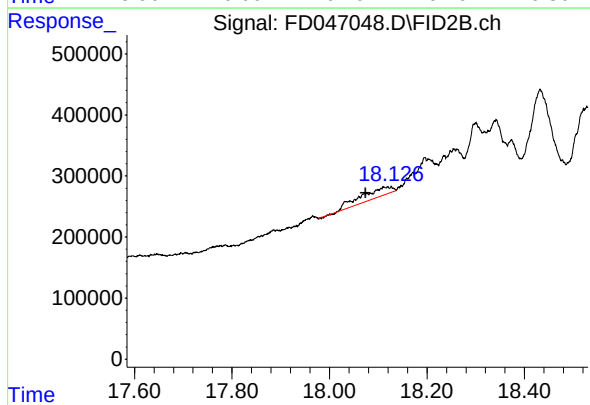
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.126 min
Delta R.T.: 0.004 min
Response: 201349
Conc: 1.47 ug/ml

Instrument :

FID_D

ClientSampleId :



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

R.T.: 18.118 min
Delta R.T.: 0.044 min
Response: 673578
Conc: 5.15 ug/ml