

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011723AR\
 Data File : FD044827.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jan 2023 11:16
 Operator : YP/AJ
 Sample : 01144-01DL2 50X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 18 00:02:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 2022
 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...	7.661	587436	4.074 ug/ml
Spiked Amount 50.000		Recovery =	8.15%
6) S 2-Fluorobiphenyl (SURR)	8.513	541929	5.583 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	11.17%
11) S ortho-Terphenyl (SURR)	11.541	225041	1.249 ug/ml
Spiked Amount 50.000		Recovery =	2.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.486	50740	0.315 ug/ml
2) T Naphthalene (C11.7)	6.010	150516	0.897 ug/ml
3) T 2-Methylnaphthalene (...)	7.053	1732546	10.304 ug/ml
5) T Acenaphthylene (C15.06)	8.298	1061966	7.002 ug/ml
7) T Acenaphthene (C15.5)	8.608	207524	1.280 ug/ml
8) T Fluorene (C16.55)	9.388	290651	1.824 ug/ml
9) T Phenanthrene (C19.36)	10.776	470872	3.000 ug/ml
10) T Anthracene (C19.43)	10.861	364319	2.897 ug/ml
12) T Fluoranthene (C21.85)	12.577	168757	1.075 ug/ml
13) T Pyrene (C20.8)	12.871	65108	0.425 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.041	76556	0.541 ug/ml
20) T Dibenz[a,h]anthracene...	18.041	76556	0.522 ug/ml

(f)=RT Delta > 1/2 Window

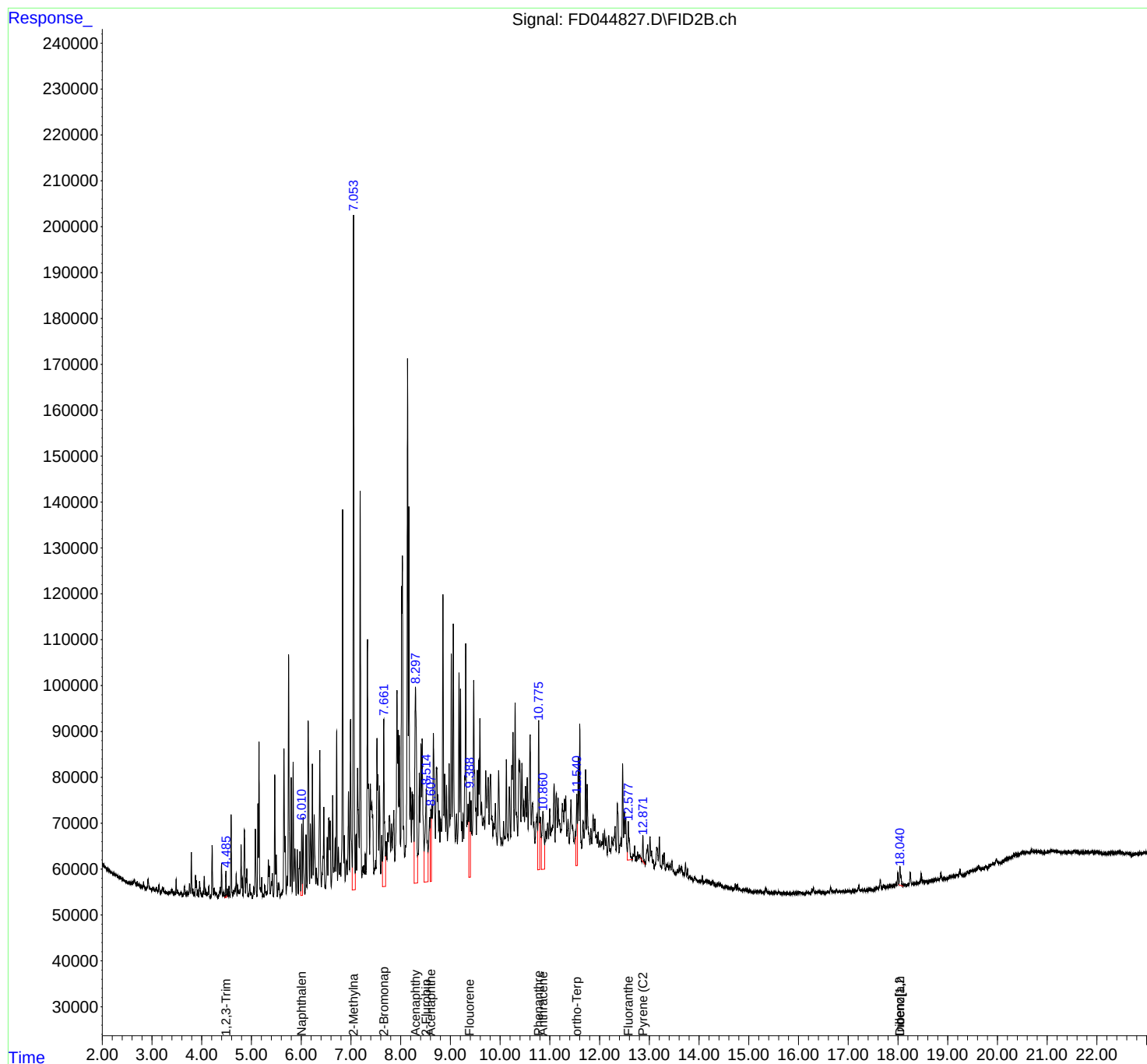
(m)=manual int.

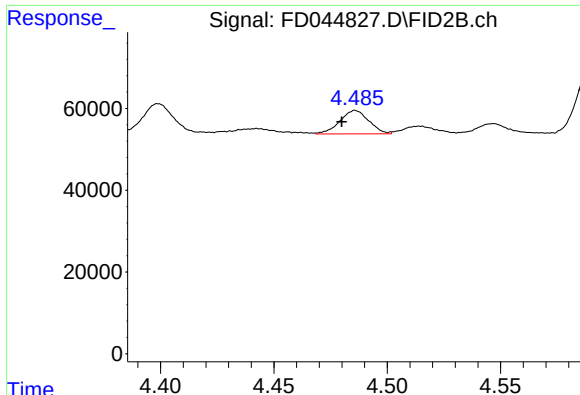
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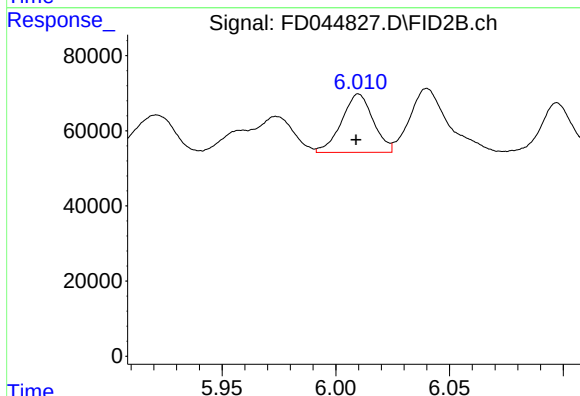




#1 1,2,3-Trimethylbenzene (C10.1)

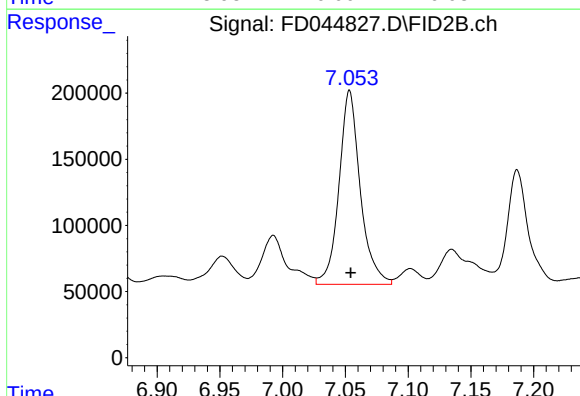
R.T.: 4.486 min
Delta R.T.: 0.006 min
Response: 50740
Conc: 0.32 ug/ml

Instrument :
FID_D
ClientSampleId :



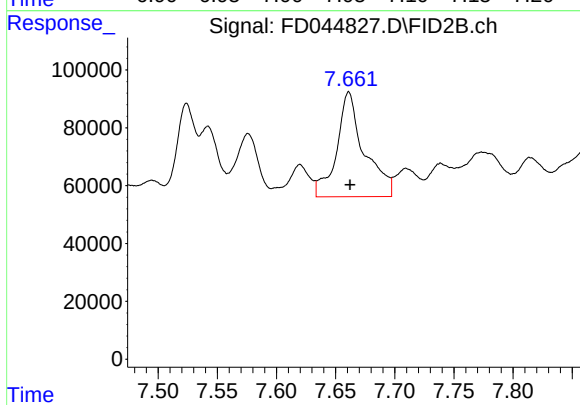
#2 Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: 0.001 min
Response: 150516
Conc: 0.90 ug/ml



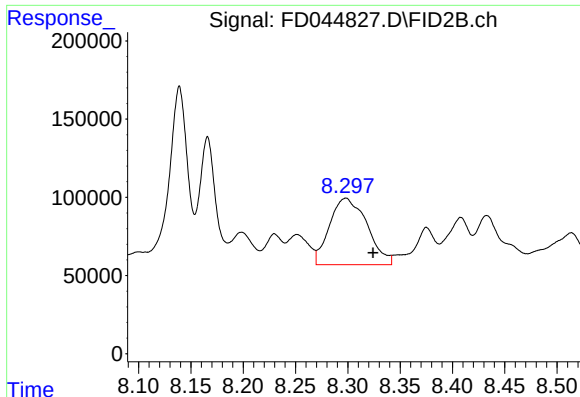
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.053 min
Delta R.T.: 0.000 min
Response: 1732546
Conc: 10.30 ug/ml



#4 2-Bromonaphthalene (SURR)

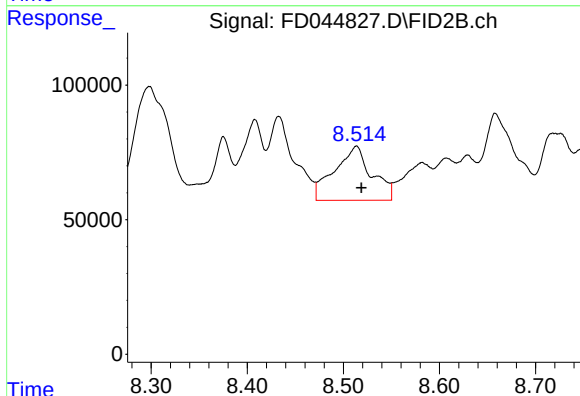
R.T.: 7.661 min
Delta R.T.: -0.001 min
Response: 587436
Conc: 4.07 ug/ml



#5 Acenaphthylene (C15.06)

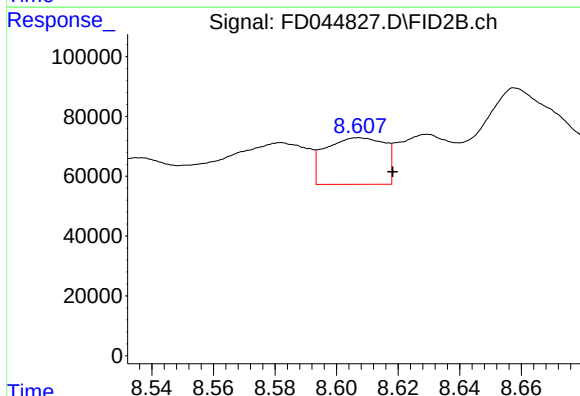
R.T.: 8.298 min
Delta R.T.: -0.026 min
Response: 1061966
Conc: 7.00 ug/ml

Instrument :
FID_D
ClientSampleId :



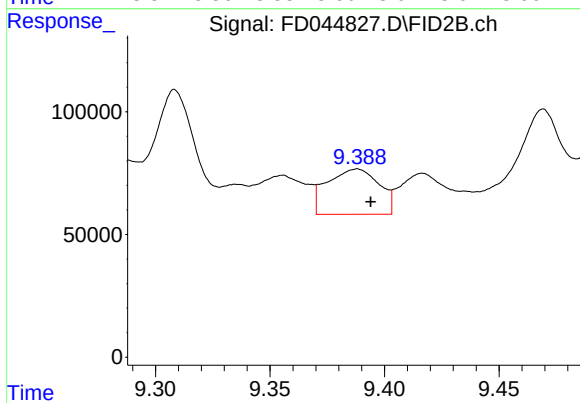
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.513 min
Delta R.T.: -0.006 min
Response: 541929
Conc: 5.58 ug/ml



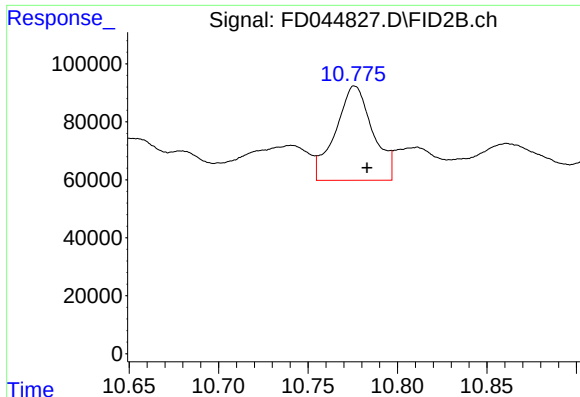
#7 Acenaphthene (C15.5)

R.T.: 8.608 min
Delta R.T.: -0.011 min
Response: 207524
Conc: 1.28 ug/ml



#8 Flouorene (C16.55)

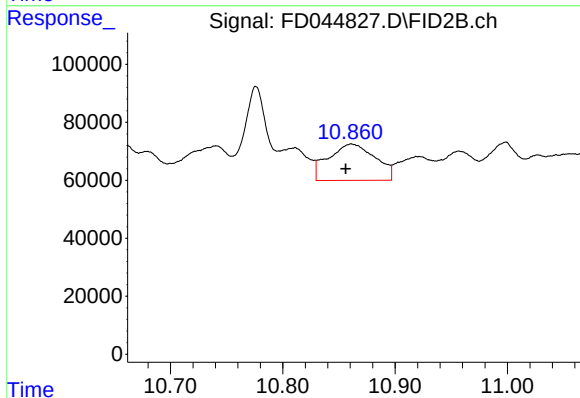
R.T.: 9.388 min
Delta R.T.: -0.006 min
Response: 290651
Conc: 1.82 ug/ml



#9 Phenanthrene (C19.36)

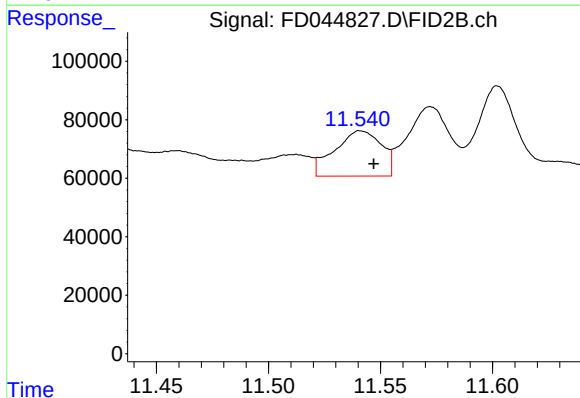
R.T.: 10.776 min
Delta R.T.: -0.007 min
Response: 470872
Conc: 3.00 ug/ml

Instrument :
FID_D
ClientSampleId :



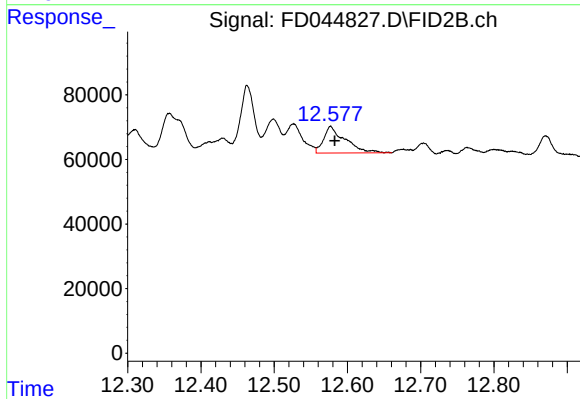
#10 Anthracene (C19.43)

R.T.: 10.861 min
Delta R.T.: 0.005 min
Response: 364319
Conc: 2.90 ug/ml



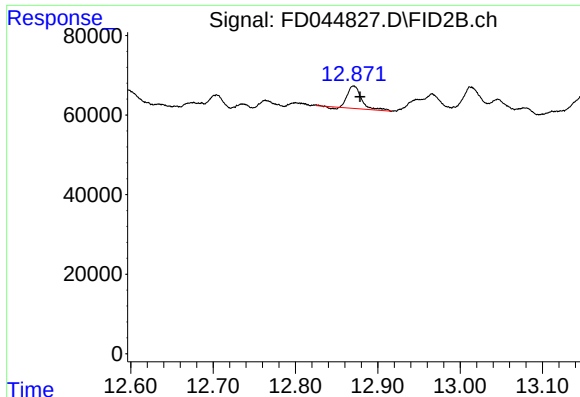
#11 ortho-Terphenyl (SURR)

R.T.: 11.541 min
Delta R.T.: -0.005 min
Response: 225041
Conc: 1.25 ug/ml



#12 Fluoranthene (C21.85)

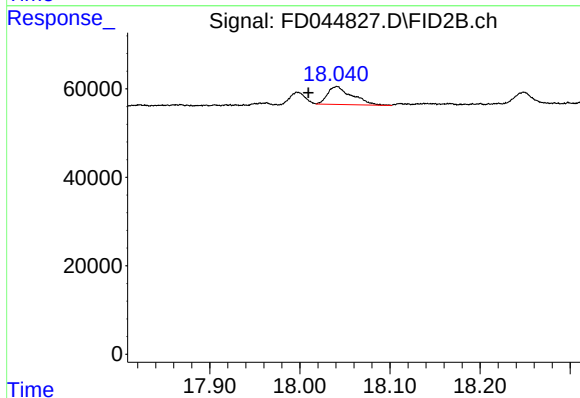
R.T.: 12.577 min
Delta R.T.: -0.005 min
Response: 168757
Conc: 1.07 ug/ml



#13 Pyrene (C20.8)

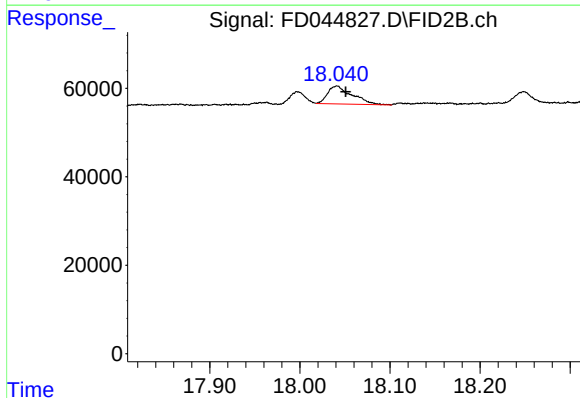
R.T.: 12.871 min
Delta R.T.: -0.007 min
Response: 65108
Conc: 0.43 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.041 min
Delta R.T.: 0.031 min
Response: 76556
Conc: 0.54 ug/ml



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

R.T.: 18.041 min
Delta R.T.: -0.010 min
Response: 76556
Conc: 0.52 ug/ml