

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110123AR\
 Data File : FD046819.D
 Signal(s) : FID2B.ch
 Acq On : 01 Nov 2023 19:52
 Operator : YP/AJ
 Sample : 05047-16DL 5X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 02 00:00:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.483	2466322	13.523 ug/ml
Spiked Amount 50.000		Recovery =	27.05%
6) S 2-Fluorobiphenyl (SURR)	8.337	1511783	12.846 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	25.69%
11) S ortho-Terphenyl (SURR)	11.372	1908175	9.011 ug/ml
Spiked Amount 50.000		Recovery =	18.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.298	343901	1.781 ug/ml
2) T Naphthalene (C11.7)	5.830	179515	0.896 ug/ml
3) T 2-Methylnaphthalene (...)	6.877	1326068	6.598 ug/ml
5) T Acenaphthylene (C15.06)	8.143	601433	3.270 ug/ml
7) T Acenaphthene (C15.5)	8.427	751456	3.836 ug/ml
8) T Flouorene (C16.55)	9.208	195027	1.054 ug/ml
9) T Phenanthrene (C19.36)	10.601	308229	1.733 ug/ml
10) T Anthracene (C19.43)	10.694	530300	3.112 ug/ml
12) T Fluoranthene (C21.85)	12.369	353492	2.047 ug/ml
13) T Pyrene (C20.8)	12.702	75084	0.452 ug/ml
15) T Chrysene (C27.41)	14.654	54296	0.348 ug/ml
20) T Dibenz[a,h]anthracene...	17.912	107168	0.767 ug/ml

(f)=RT Delta > 1/2 Window

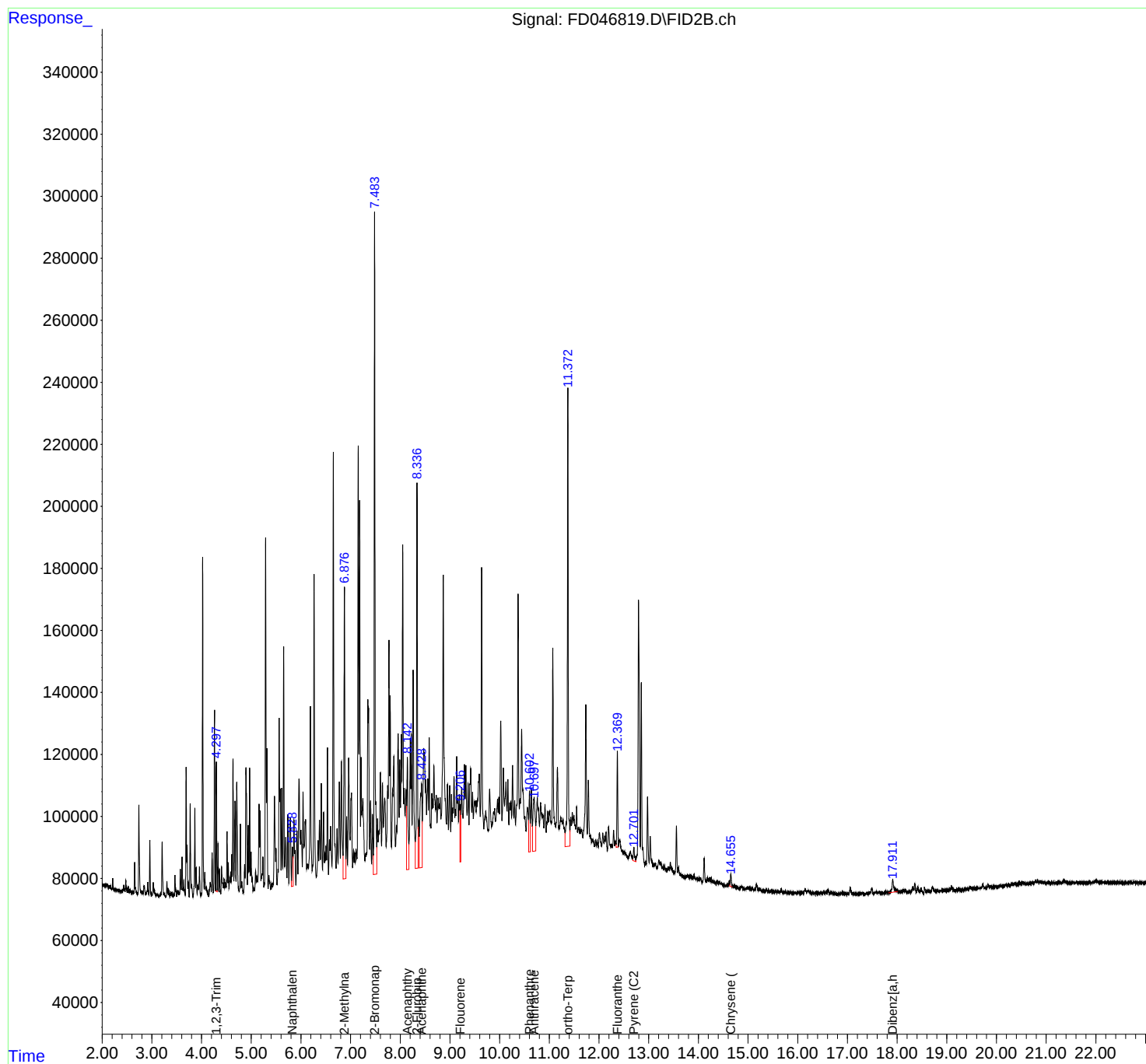
(m)=manual int.

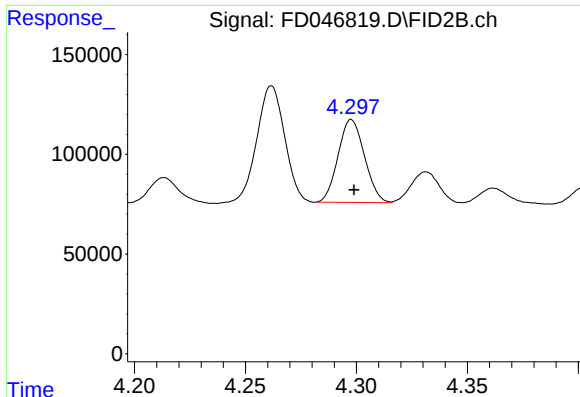
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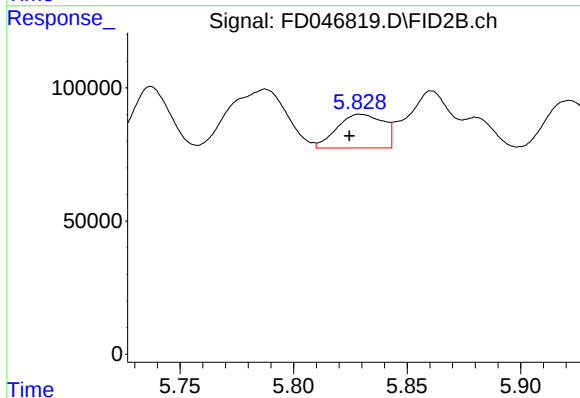




#1 1,2,3-Trimethylbenzene (C10.1)

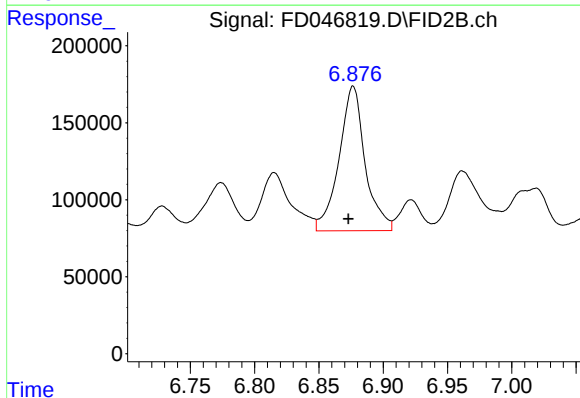
R.T.: 4.298 min
Delta R.T.: -0.001 min
Response: 343901
Conc: 1.78 ug/ml

Instrument :
FID_D
ClientSampleId :



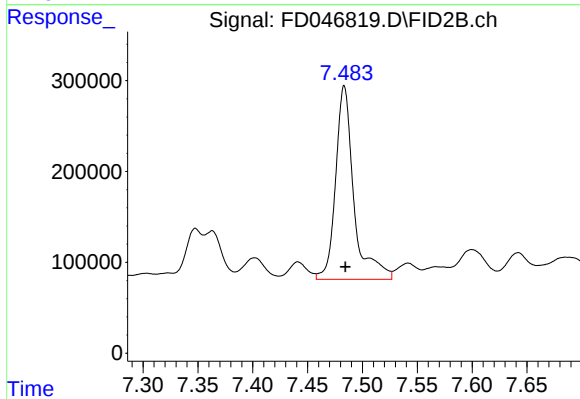
#2 Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: 0.005 min
Response: 179515
Conc: 0.90 ug/ml



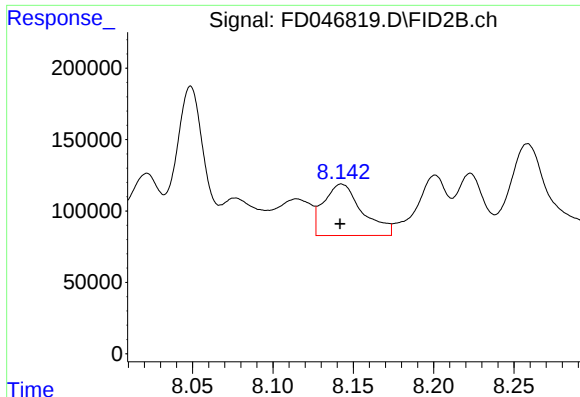
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.877 min
Delta R.T.: 0.004 min
Response: 1326068
Conc: 6.60 ug/ml



#4 2-Bromonaphthalene (SURR)

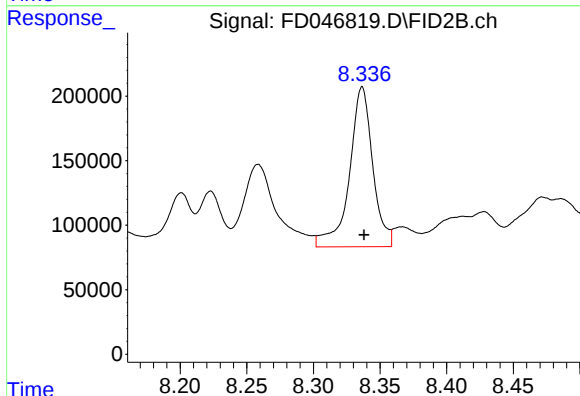
R.T.: 7.483 min
Delta R.T.: -0.001 min
Response: 2466322
Conc: 13.52 ug/ml



#5 Acenaphthylene (C15.06)

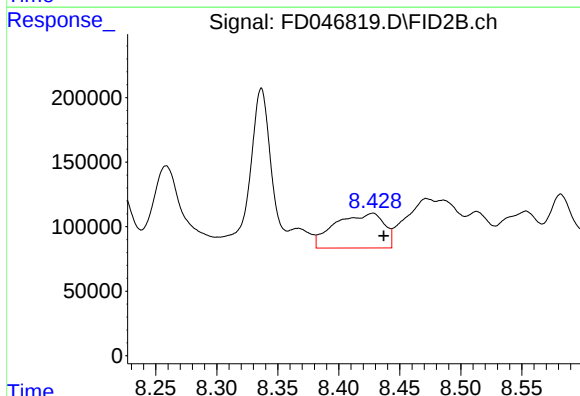
R.T.: 8.143 min
Delta R.T.: 0.000 min
Response: 601433
Conc: 3.27 ug/ml

Instrument :
FID_D
ClientSampleId :



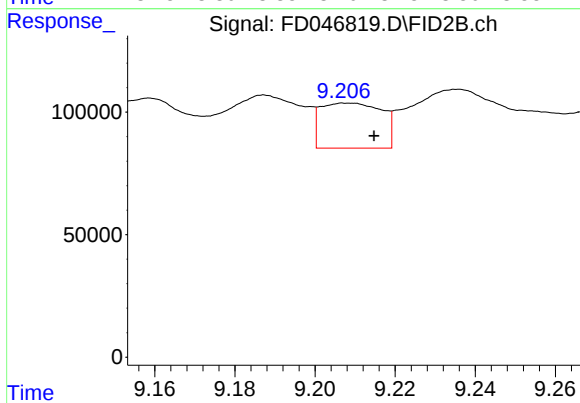
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.337 min
Delta R.T.: -0.001 min
Response: 1511783
Conc: 12.85 ug/ml



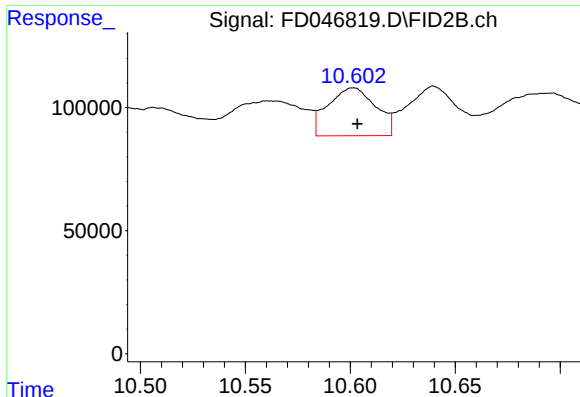
#7 Acenaphthene (C15.5)

R.T.: 8.427 min
Delta R.T.: -0.009 min
Response: 751456
Conc: 3.84 ug/ml



#8 Flouorene (C16.55)

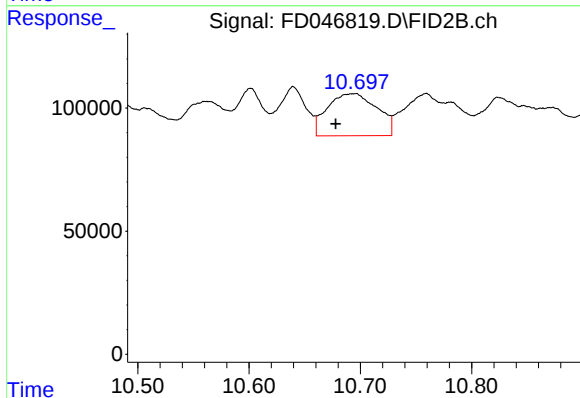
R.T.: 9.208 min
Delta R.T.: -0.007 min
Response: 195027
Conc: 1.05 ug/ml



#9 Phenanthrene (C19.36)

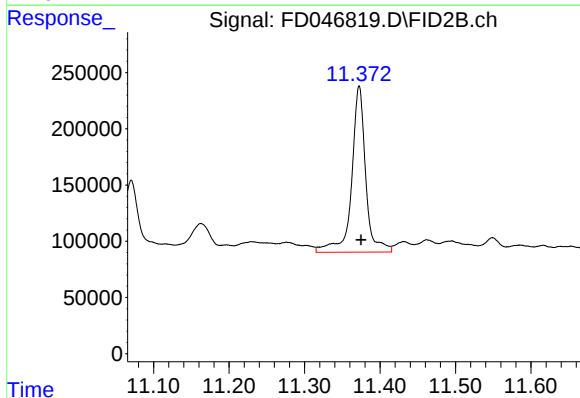
R.T.: 10.601 min
Delta R.T.: -0.002 min
Response: 308229
Conc: 1.73 ug/ml

Instrument :
FID_D
ClientSampleId :



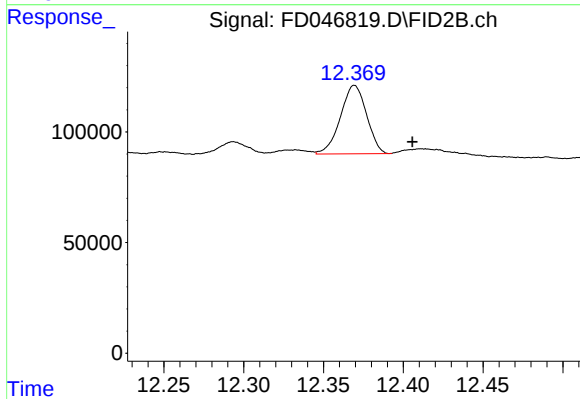
#10 Anthracene (C19.43)

R.T.: 10.694 min
Delta R.T.: 0.016 min
Response: 530300
Conc: 3.11 ug/ml



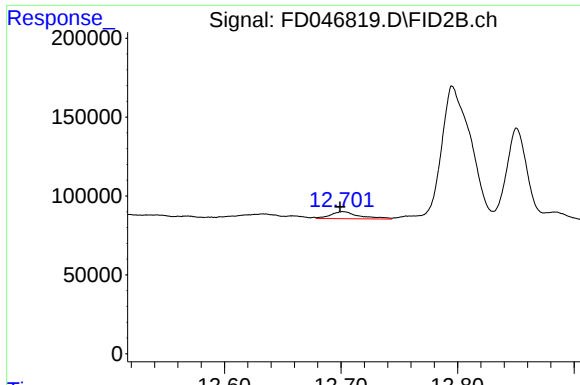
#11 ortho-Terphenyl (SURR)

R.T.: 11.372 min
Delta R.T.: -0.003 min
Response: 1908175
Conc: 9.01 ug/ml



#12 Fluoranthene (C21.85)

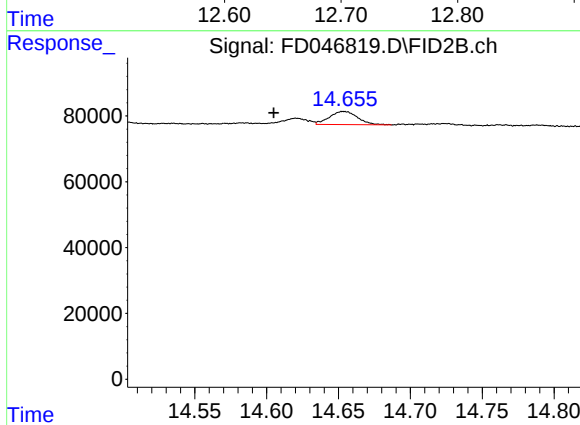
R.T.: 12.369 min
Delta R.T.: -0.036 min
Response: 353492
Conc: 2.05 ug/ml



#13 Pyrene (C20.8)

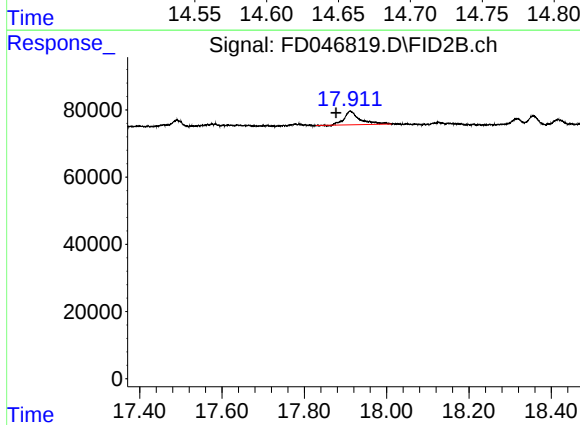
R.T.: 12.702 min
Delta R.T.: 0.003 min
Response: 75084
Conc: 0.45 ug/ml

Instrument :
FID_D
ClientSampleId :



#15 Chrysene (C27.41)

R.T.: 14.654 min
Delta R.T.: 0.049 min
Response: 54296
Conc: 0.35 ug/ml



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

R.T.: 17.912 min
Delta R.T.: 0.035 min
Response: 107168
Conc: 0.77 ug/ml