

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112023AR\
 Data File : FD046919.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2023 02:57
 Operator : YP/AJ
 Sample : 05449-21
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 21 04:46:26 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...	7.479	9311080	51.055 ug/ml
Spiked Amount 50.000		Recovery =	102.11%
6) S 2-Fluorobiphenyl (SURR)	8.331	4933485	41.922 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.84%
11) S ortho-Terphenyl (SURR)	11.367	4154572	19.620 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.876	61363	0.305 ug/ml
7) T Acenaphthene (C15.5)	8.389	50658	0.259 ug/ml
14) T Benzo[a]anthracene (C...	14.605	37655	0.268 ug/ml
15) T Chrysene (C27.41)	14.605	37655	0.241 ug/ml
16) T benzo[b]fluoranthene ...	16.136	39939	0.279 ug/ml
17) T Bnezo[k]fluoranthene ...	16.136	39939	0.273 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.506	75045	0.535 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.836	101984	0.807 ug/ml
20) T Dibenz[a,h]anthracene...	17.897	166796	1.194 ug/ml

(f)=RT Delta > 1/2 Window

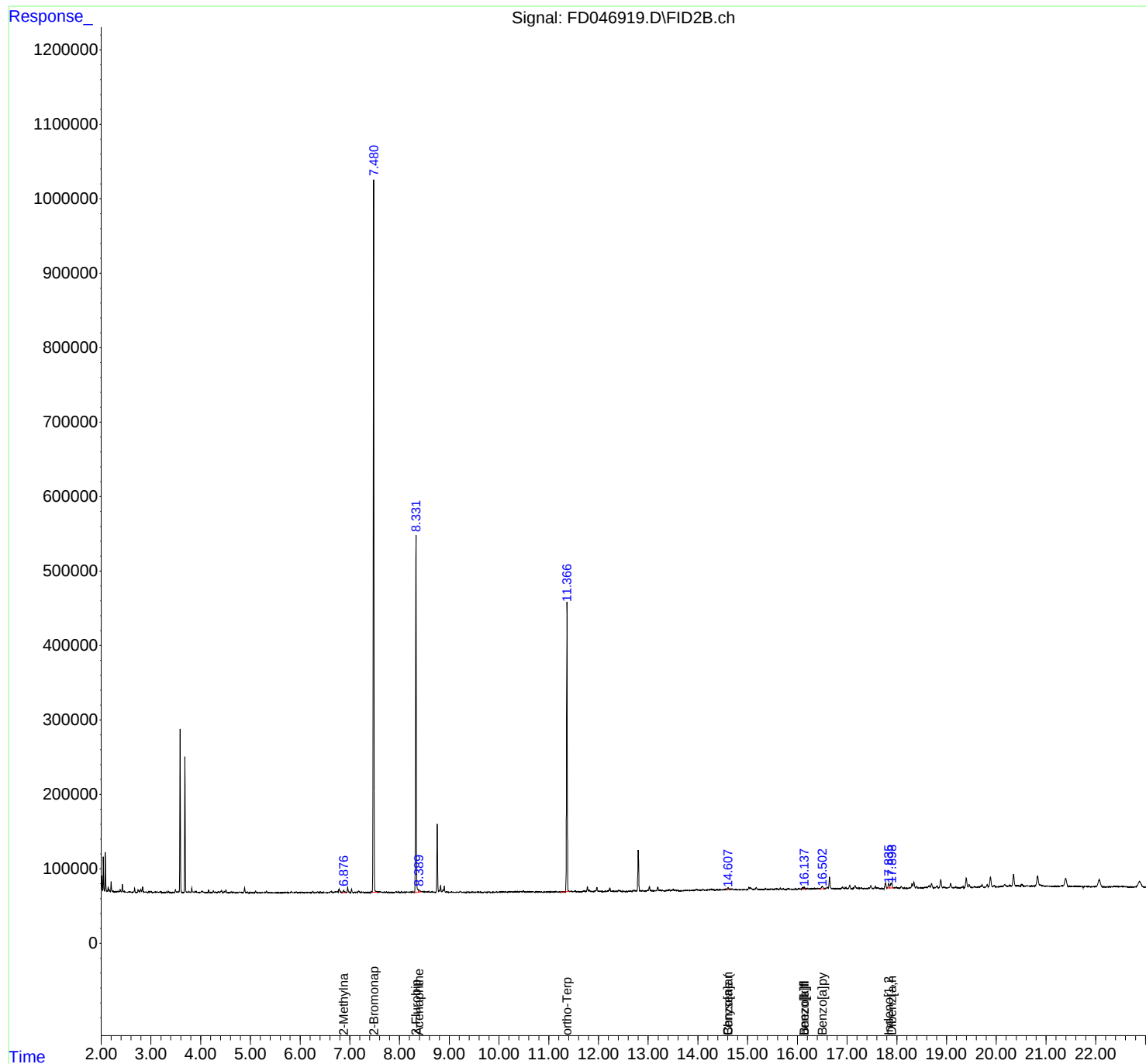
(m)=manual int.

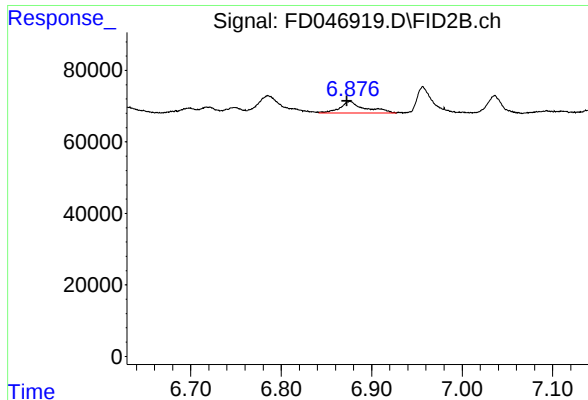
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Signal Info : 20M x 0.18mm x 0.18µm

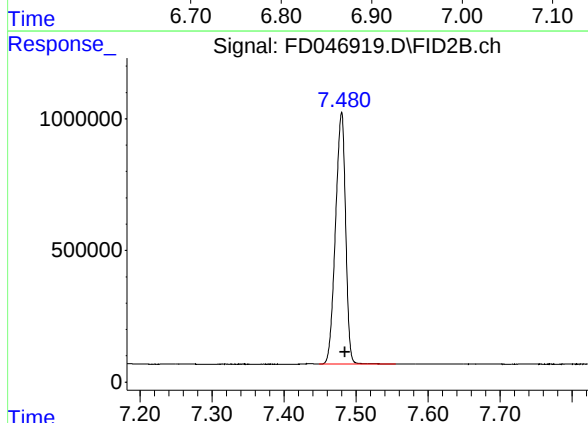




#3 2-Methylnaphthalene (C12.89)

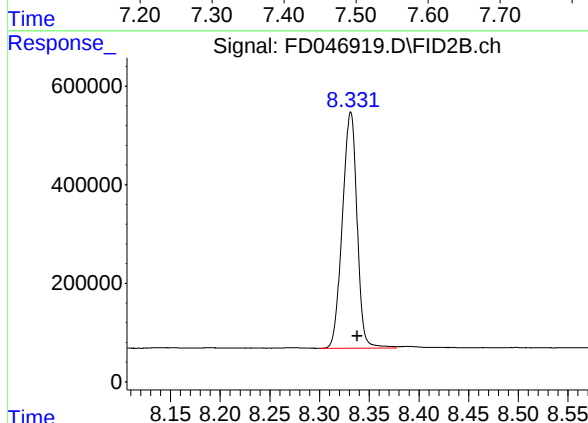
R.T.: 6.876 min
Delta R.T.: 0.003 min
Response: 61363
Conc: 0.31 ug/ml

Instrument :
FID_D
ClientSampleId :



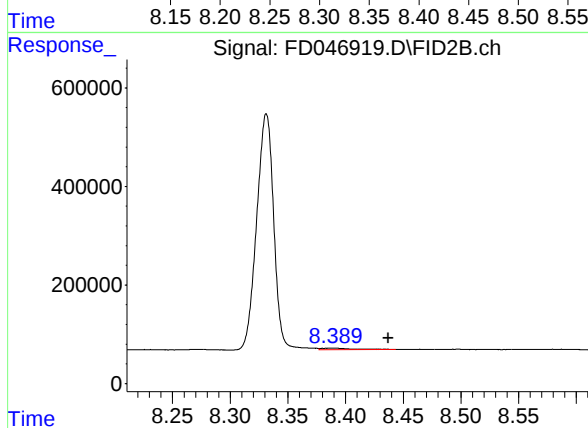
#4 2-Bromonaphthalene (SURR)

R.T.: 7.479 min
Delta R.T.: -0.005 min
Response: 9311080
Conc: 51.05 ug/ml



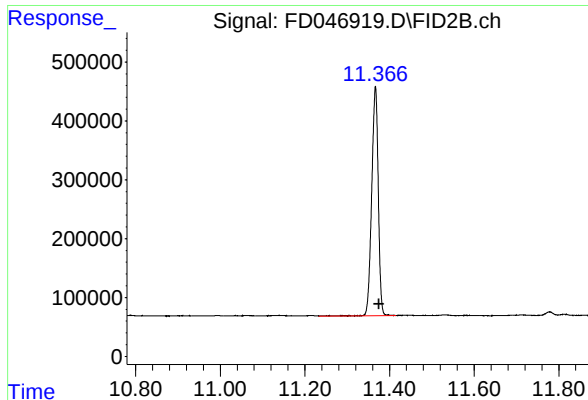
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.331 min
Delta R.T.: -0.007 min
Response: 4933485
Conc: 41.92 ug/ml



#7 Acenaphthene (C15.5)

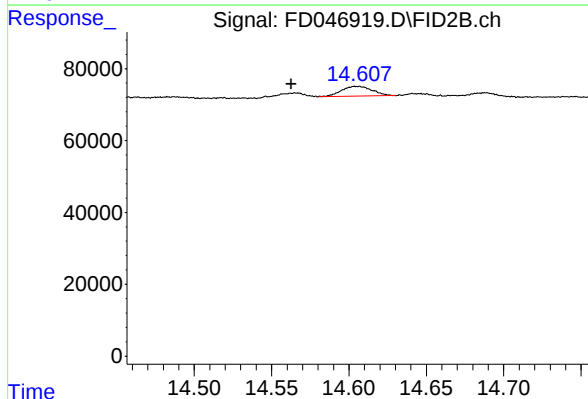
R.T.: 8.389 min
Delta R.T.: -0.048 min
Response: 50658
Conc: 0.26 ug/ml



#11 ortho-Terphenyl (SURR)

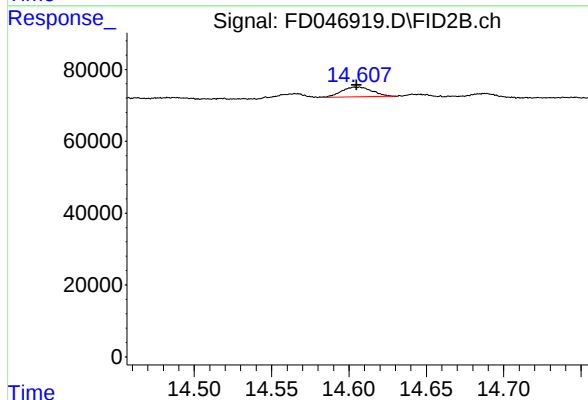
R.T.: 11.367 min
Delta R.T.: -0.009 min
Response: 4154572
Conc: 19.62 ug/ml

Instrument :
FID_D
ClientSampleId :



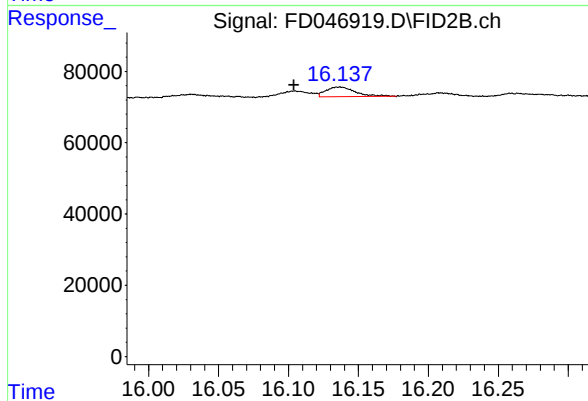
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.605 min
Delta R.T.: 0.042 min
Response: 37655
Conc: 0.27 ug/ml



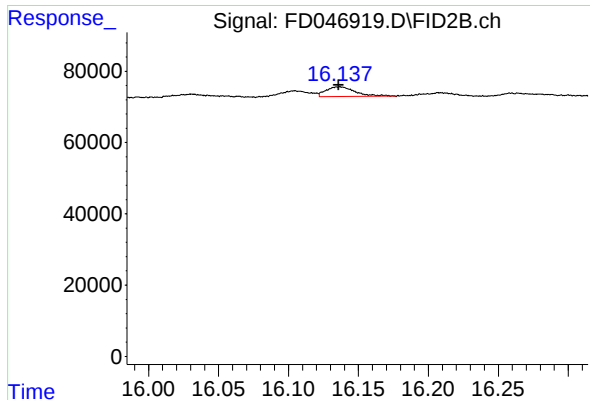
#15 Chrysene (C27.41)

R.T.: 14.605 min
Delta R.T.: 0.000 min
Response: 37655
Conc: 0.24 ug/ml



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

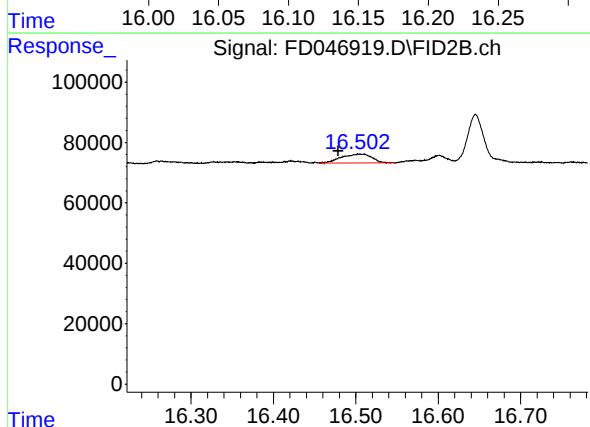
R.T.: 16.136 min
Delta R.T.: 0.032 min
Response: 39939
Conc: 0.28 ug/ml



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

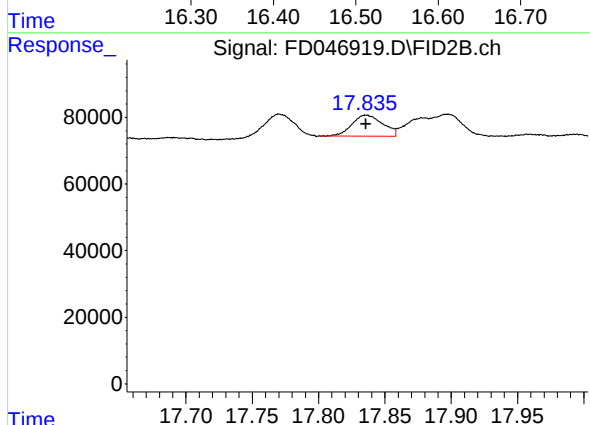
R.T.: 16.136 min
Delta R.T.: 0.000 min
Response: 39939
Conc: 0.27 ug/ml

Instrument :
FID_D
ClientSampleId :



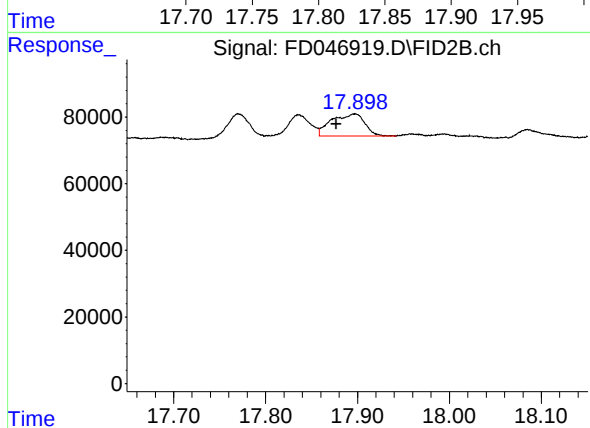
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.506 min
Delta R.T.: 0.027 min
Response: 75045
Conc: 0.54 ug/ml



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

R.T.: 17.836 min
Delta R.T.: 0.000 min
Response: 101984
Conc: 0.81 ug/ml



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

R.T.: 17.897 min
Delta R.T.: 0.020 min
Response: 166796
Conc: 1.19 ug/ml