

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022624AR\
 Data File : FD047316.D
 Signal(s) : FID2B.ch
 Acq On : 26 Feb 2024 18:52
 Operator : YP/AJ
 Sample : P1538-05
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 27 03:04:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 2024
 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...	7.467	9612084	63.137 ug/ml
Spiked Amount 50.000		Recovery =	126.27%
6) S 2-Fluorobiphenyl (SURR)	8.319	5796637	57.347 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	114.69%
11) S ortho-Terphenyl (SURR)	11.354	5355119	30.363 ug/ml
Spiked Amount 50.000		Recovery =	60.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.244	20699	0.131 ug/ml
2) T Naphthalene (C11.7)	5.811	27849	0.168 ug/ml
3) T 2-Methylnaphthalene (...)	6.863	65051	0.386 ug/ml
7) T Acenaphthene (C15.5)	8.374	54054	0.328 ug/ml
8) T Fluorene (C16.55)	9.207	42204	0.266 ug/ml
12) T Fluoranthene (C21.85)	12.390	30000	0.194 ug/ml
13) T Pyrene (C20.8)	12.682	33239	0.221 ug/ml
14) T Benzo[a]anthracene (C...	14.594	20241	0.151 ug/ml
15) T Chrysene (C27.41)	14.594	20241	0.138 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.831	71953	0.570 ug/ml
20) T Dibenz[a,h]anthracene...	17.831	71953	0.540 ug/ml

(f)=RT Delta > 1/2 Window

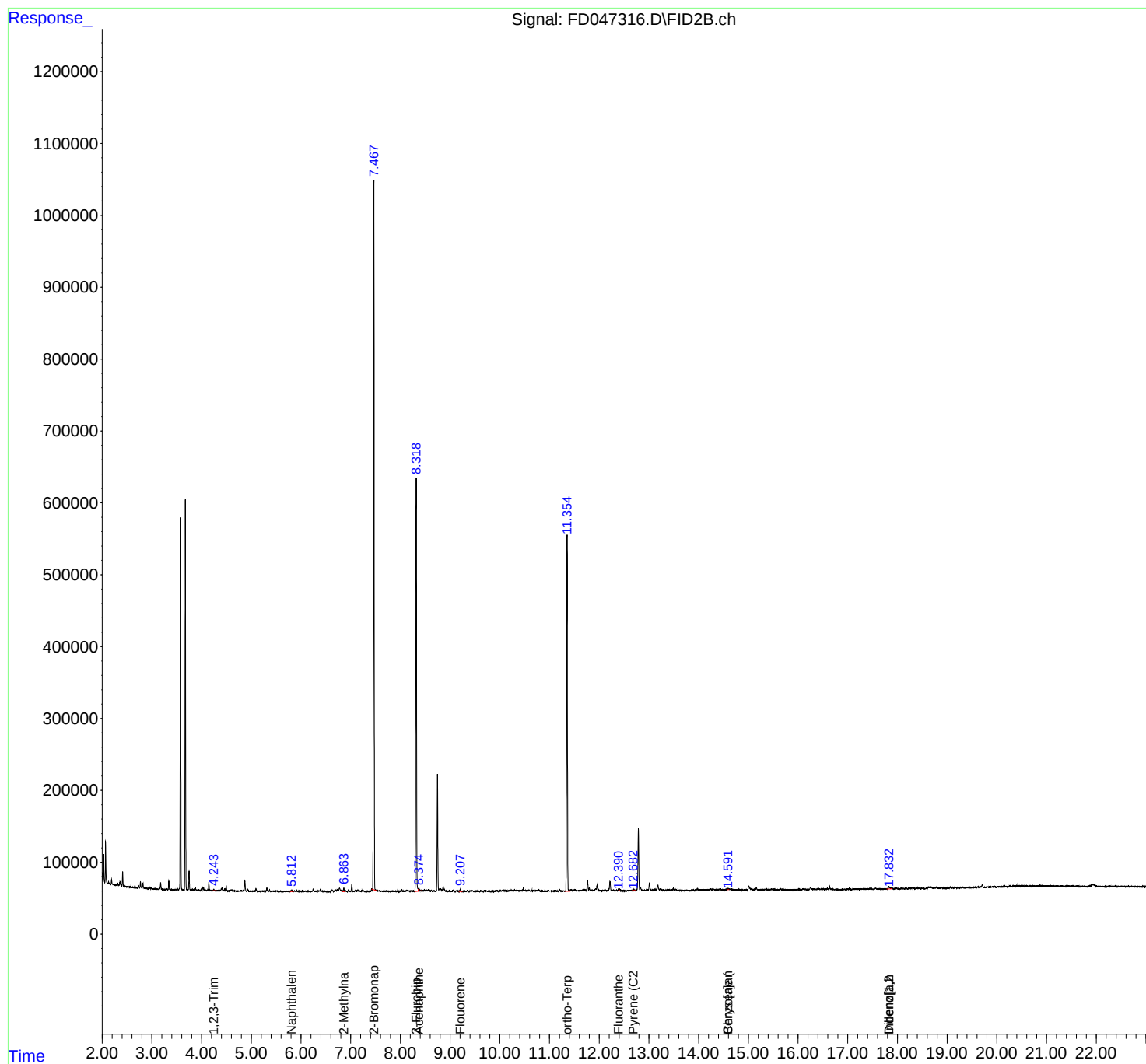
(m)=manual int.

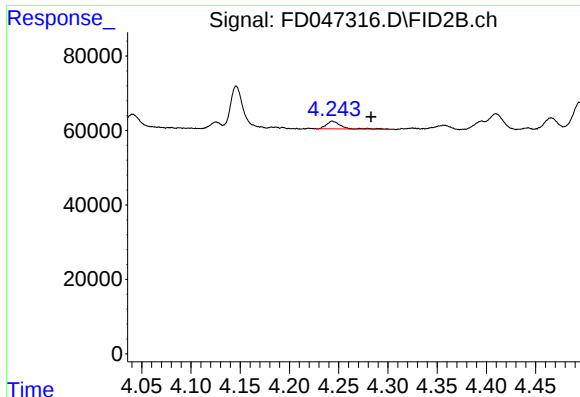
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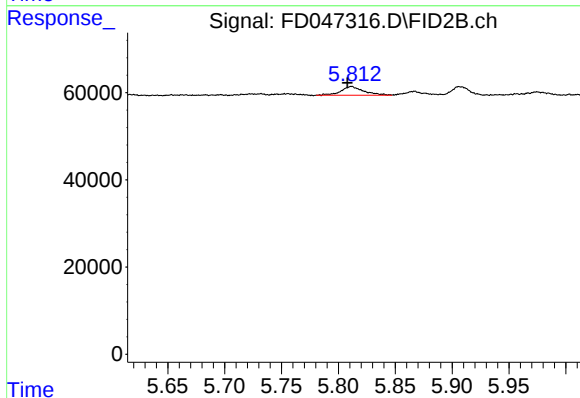




#1 1,2,3-Trimethylbenzene (C10.1)

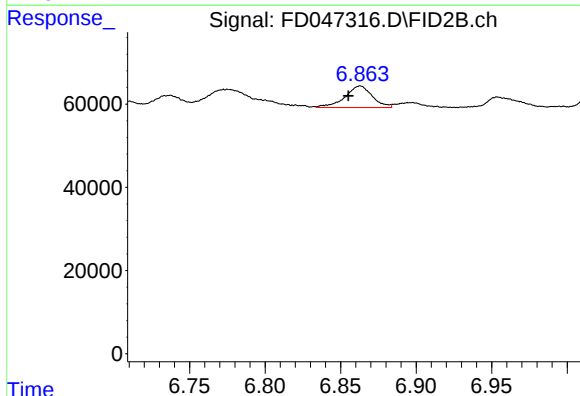
R.T.: 4.244 min
Delta R.T.: -0.039 min
Response: 20699
Conc: 0.13 ug/ml

Instrument :
FID_D
ClientSampleId :



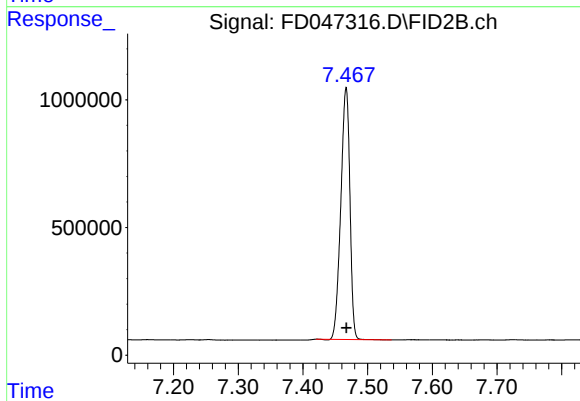
#2 Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: 0.004 min
Response: 27849
Conc: 0.17 ug/ml



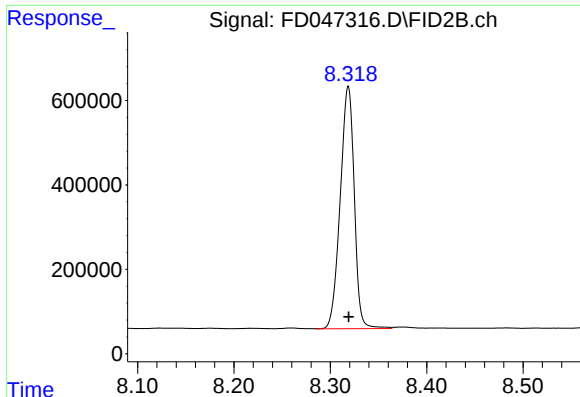
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.863 min
Delta R.T.: 0.008 min
Response: 65051
Conc: 0.39 ug/ml



#4 2-Bromonaphthalene (SURR)

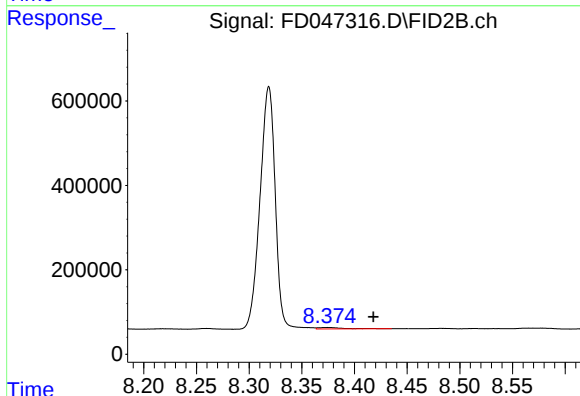
R.T.: 7.467 min
Delta R.T.: 0.000 min
Response: 9612084
Conc: 63.14 ug/ml



#6 2-Fluorobiphenyl (SURR)

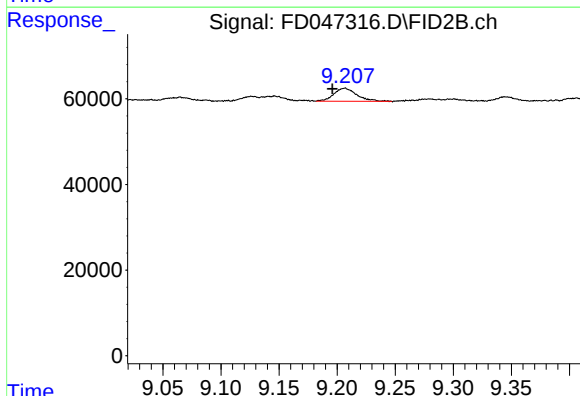
R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 5796637
Conc: 57.35 ug/ml

Instrument :
FID_D
ClientSampleId :



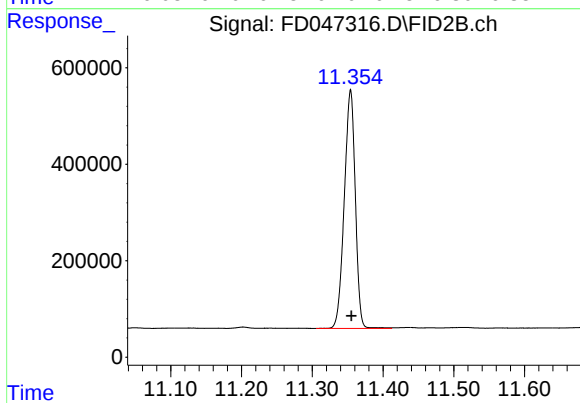
#7 Acenaphthene (C15.5)

R.T.: 8.374 min
Delta R.T.: -0.043 min
Response: 54054
Conc: 0.33 ug/ml



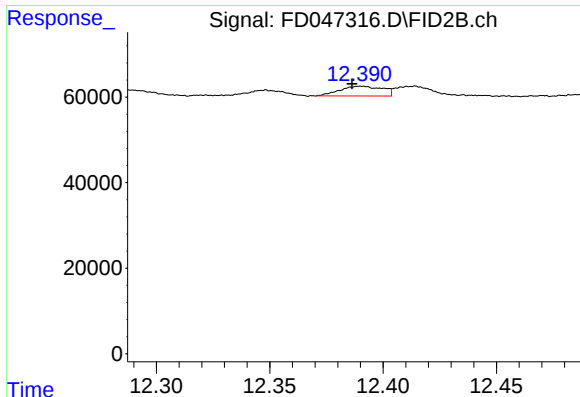
#8 Flouorene (C16.55)

R.T.: 9.207 min
Delta R.T.: 0.011 min
Response: 42204
Conc: 0.27 ug/ml



#11 ortho-Terphenyl (SURR)

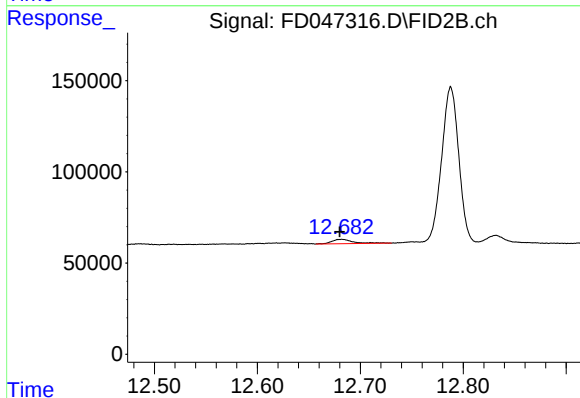
R.T.: 11.354 min
Delta R.T.: -0.001 min
Response: 5355119
Conc: 30.36 ug/ml



#12 Fluoranthene (C21.85)

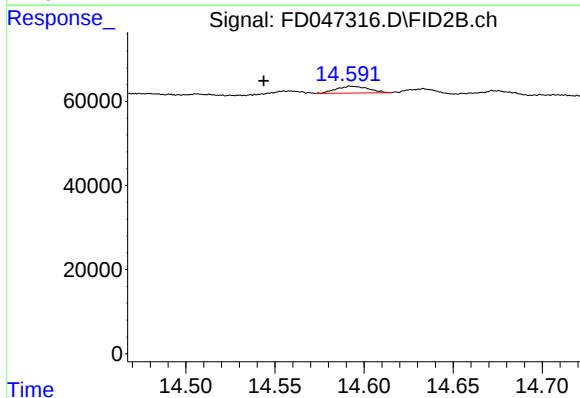
R.T.: 12.390 min
Delta R.T.: 0.004 min
Response: 30000
Conc: 0.19 ug/ml

Instrument :
FID_D
ClientSampleId :



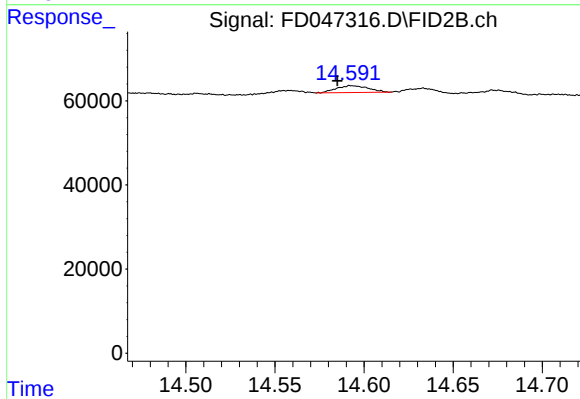
#13 Pyrene (C20.8)

R.T.: 12.682 min
Delta R.T.: 0.002 min
Response: 33239
Conc: 0.22 ug/ml



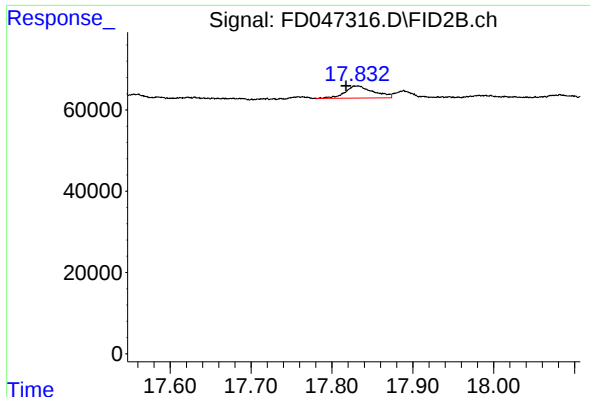
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.594 min
Delta R.T.: 0.050 min
Response: 20241
Conc: 0.15 ug/ml



#15 Chrysene (C27.41)

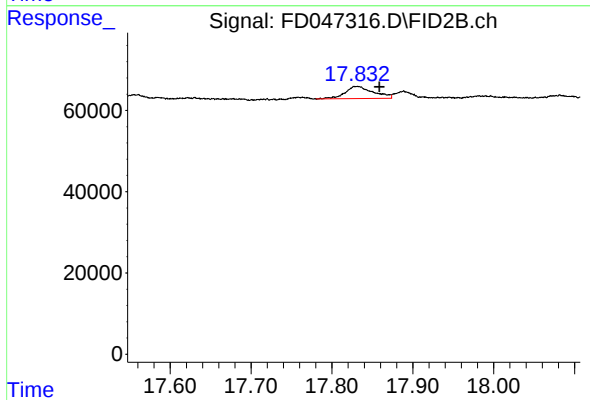
R.T.: 14.594 min
Delta R.T.: 0.008 min
Response: 20241
Conc: 0.14 ug/ml



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

R.T.: 17.831 min
Delta R.T.: 0.014 min
Response: 71953
Conc: 0.57 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.831 min
Delta R.T.: -0.028 min
Response: 71953
Conc: 0.54 ug/ml