

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102023AR\
 Data File : FD046774.D
 Signal(s) : FID2B.ch
 Acq On : 20 Oct 2023 19:02
 Operator : YP/AJ
 Sample : 04957-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 21 00:42:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 02:49:06 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...	7.485	1390213	7.489 ug/ml
Spiked Amount 50.000		Recovery =	14.98%
6) S 2-Fluorobiphenyl (SURR)	8.338	777070	6.413 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	12.83%
11) S ortho-Terphenyl (SURR)	11.375	1397182	6.458 ug/ml
Spiked Amount 50.000		Recovery =	12.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.267	21859	0.113 ug/ml
3) T 2-Methylnaphthalene (...)	6.883	31510	0.154 ug/ml
14) T Benzo[a]anthracene (C...	14.623	41563	0.284 ug/ml
15) T Chrysene (C27.41)	14.623	41563	0.258 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.858	30248	0.223 ug/ml
20) T Dibenz[a,h]anthracene...	17.903	120379	0.852 ug/ml

(f)=RT Delta > 1/2 Window

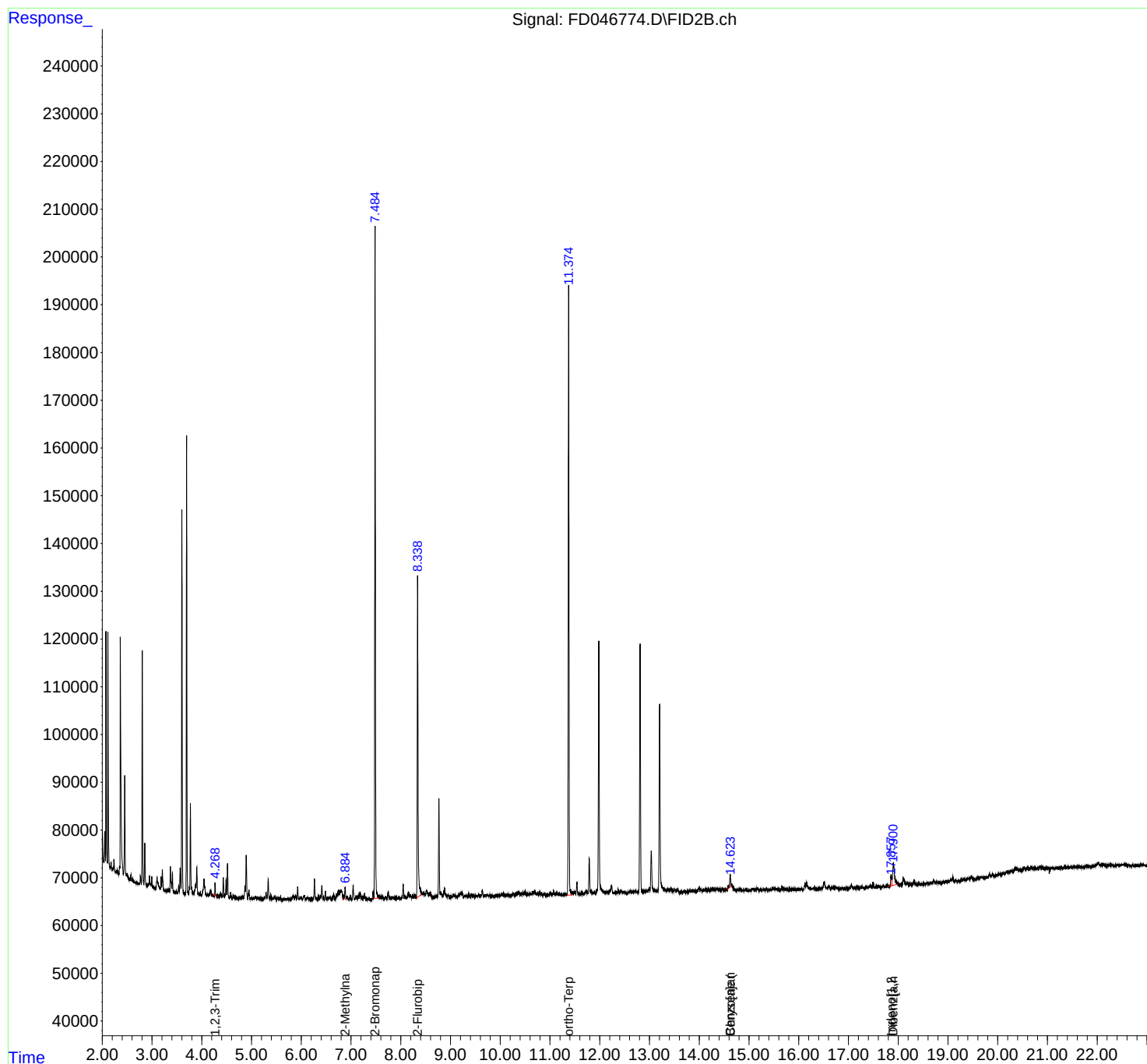
(m)=manual int.

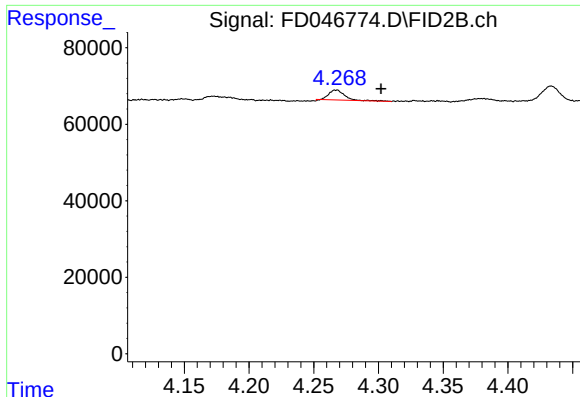
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Signal Info : 20M x 0.18mm x 0.18µm

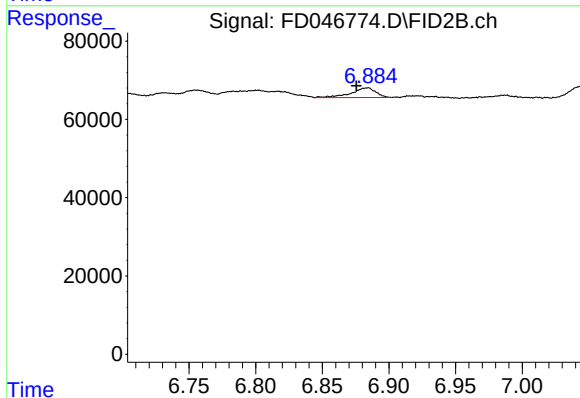




#1 1,2,3-Trimethylbenzene (C10.1)

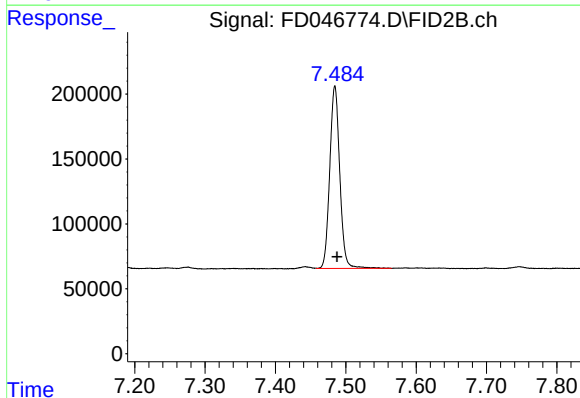
R.T.: 4.267 min
Delta R.T.: -0.035 min
Response: 21859
Conc: 0.11 ug/ml

Instrument :
FID_D
ClientSampleId :



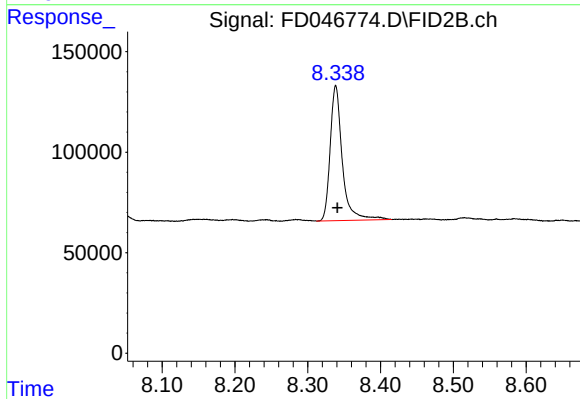
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.883 min
Delta R.T.: 0.007 min
Response: 31510
Conc: 0.15 ug/ml



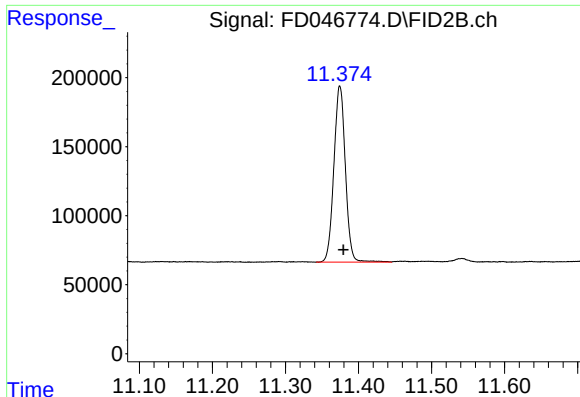
#4 2-Bromonaphthalene (SURR)

R.T.: 7.485 min
Delta R.T.: -0.003 min
Response: 1390213
Conc: 7.49 ug/ml



#6 2-Fluorobiphenyl (SURR)

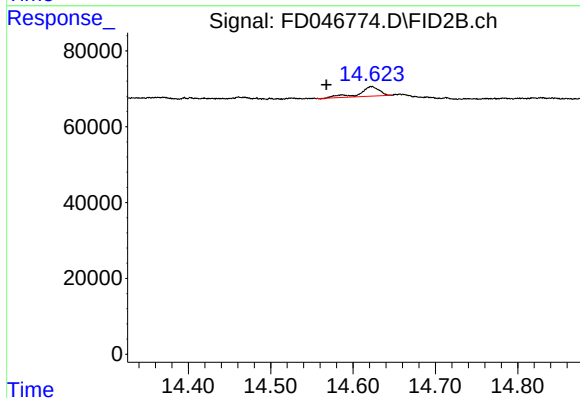
R.T.: 8.338 min
Delta R.T.: -0.002 min
Response: 777070
Conc: 6.41 ug/ml



#11 ortho-Terphenyl (SURR)

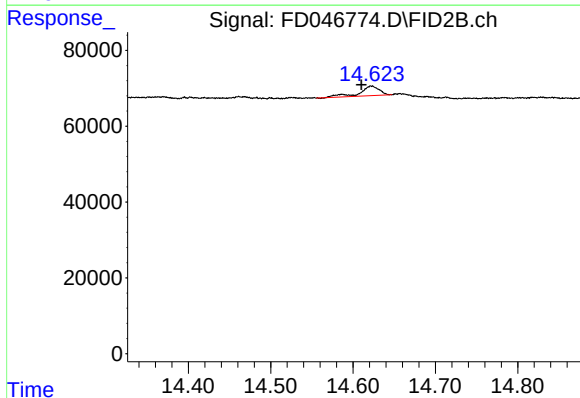
R.T.: 11.375 min
Delta R.T.: -0.005 min
Response: 1397182
Conc: 6.46 ug/ml

Instrument :
FID_D
ClientSampleId :



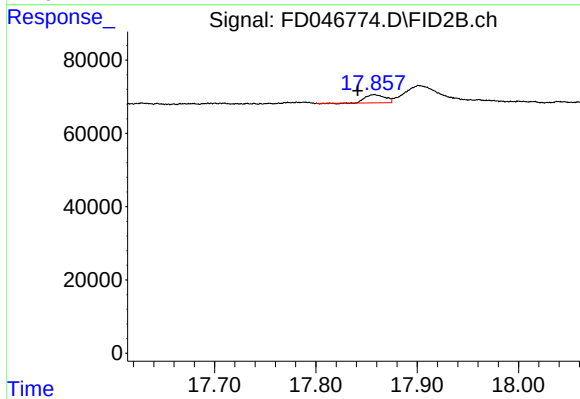
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.623 min
Delta R.T.: 0.055 min
Response: 41563
Conc: 0.28 ug/ml



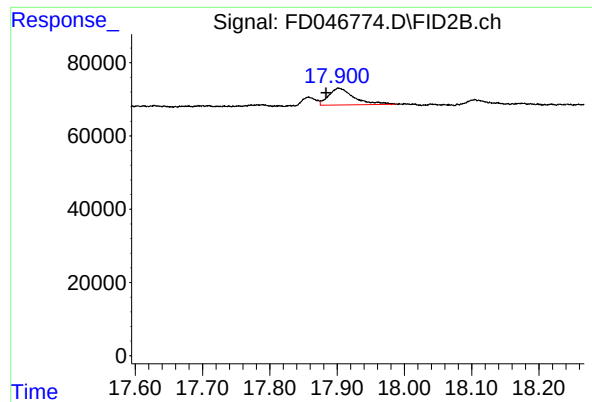
#15 Chrysene (C27.41)

R.T.: 14.623 min
Delta R.T.: 0.012 min
Response: 41563
Conc: 0.26 ug/ml



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

R.T.: 17.858 min
Delta R.T.: 0.016 min
Response: 30248
Conc: 0.22 ug/ml



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

R.T.: 17.903 min
Delta R.T.: 0.019 min
Response: 120379
Conc: 0.85 ug/ml

Instrument :

FID_D

ClientSampleId :