

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121222AR\
 Data File : FD044630.D
 Signal(s) : FID2B.ch
 Acq On : 12 Dec 2022 13:17
 Operator : YP/AJ
 Sample : N5912-01
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 12 13:55:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 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...	7.681	6488196	49.994 ug/ml
Spiked Amount 50.000		Recovery =	99.99%
6) S 2-Fluorobiphenyl (SURR)	8.538	4329585	49.023 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.05%
11) S ortho-Terphenyl (SURR)	11.565	4170327	25.625 ug/ml
Spiked Amount 50.000		Recovery =	51.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.499	329701	2.310 ug/ml
2) T Naphthalene (C11.7)	6.027	132795	0.883 ug/ml
3) T 2-Methylnaphthalene (...)	7.075	417784	2.765 ug/ml
7) T Acenaphthene (C15.5)	8.592	537211	3.661 ug/ml
12) T Fluoranthene (C21.85)	12.546f	50514	0.354 ug/ml
14) T Benzo[a]anthracene (C...	14.789	37446	0.289 ug/ml
15) T Chrysene (C27.41)	14.789	37446	0.278 ug/ml
16) T benzo[b]fluoranthene ...	16.318	221588	1.684 ug/ml
17) T Bnezo[k]fluoranthene ...	16.318	221588	1.702 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.077	303177	2.379 ug/ml
20) T Dibenz[a,h]anthracene...	18.077	303177	2.410 ug/ml

(f)=RT Delta > 1/2 Window

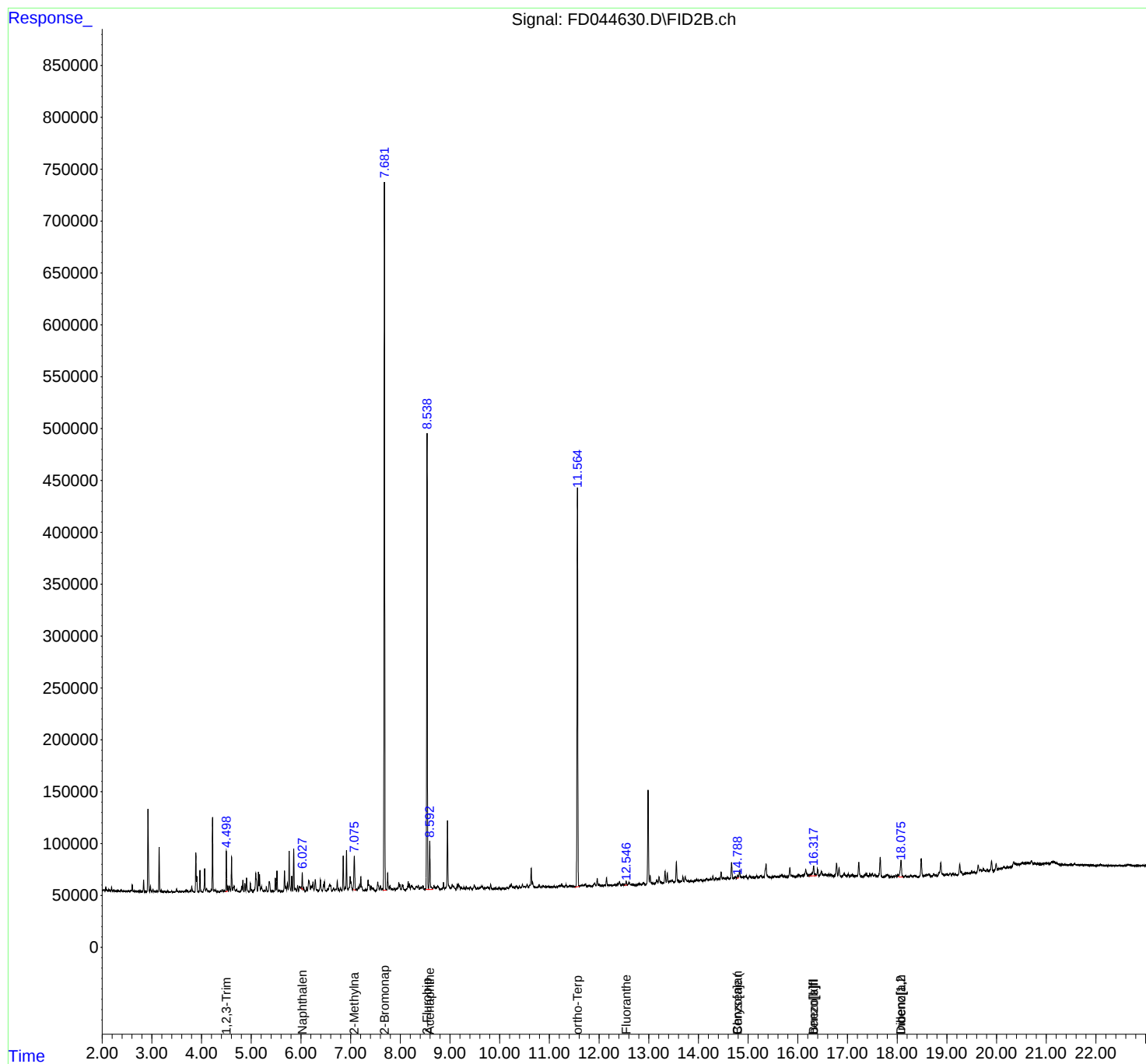
(m)=manual int.

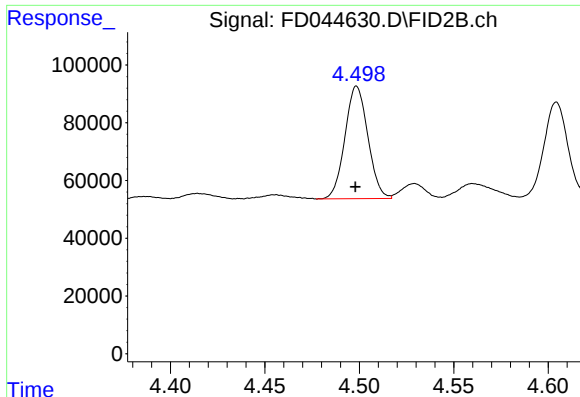
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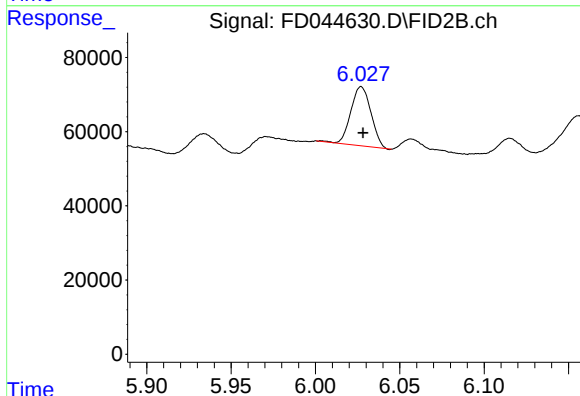




#1 1,2,3-Trimethylbenzene (C10.1)

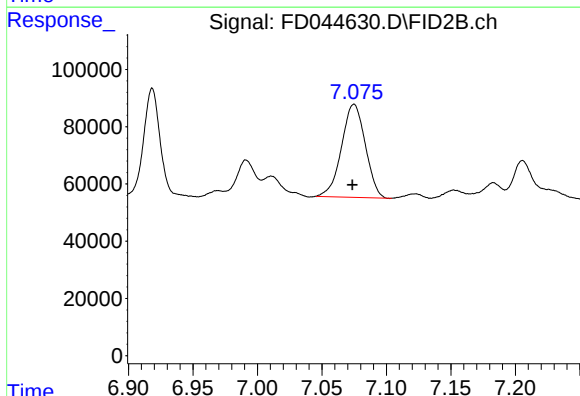
R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 329701
Conc: 2.31 ug/ml

Instrument :
FID_D
ClientSampleId :



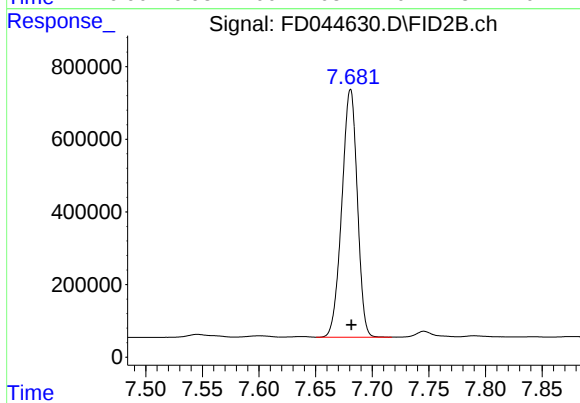
#2 Naphthalene (C11.7)

R.T.: 6.027 min
Delta R.T.: -0.001 min
Response: 132795
Conc: 0.88 ug/ml



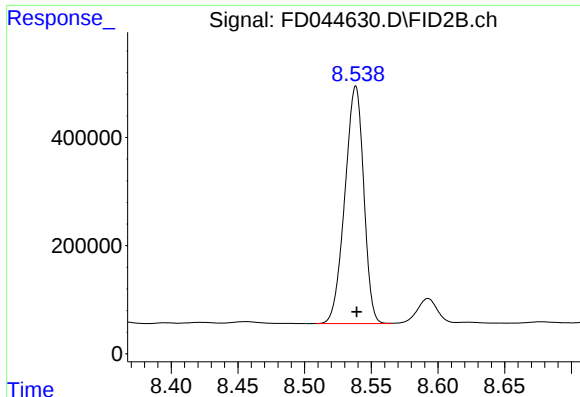
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.075 min
Delta R.T.: 0.001 min
Response: 417784
Conc: 2.77 ug/ml



#4 2-Bromonaphthalene (SURR)

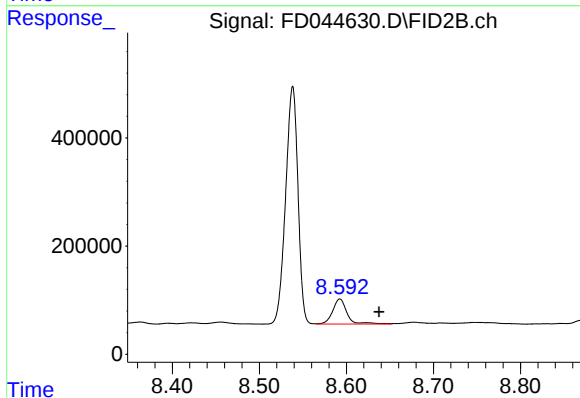
R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 6488196
Conc: 49.99 ug/ml



#6 2-Fluorobiphenyl (SURR)

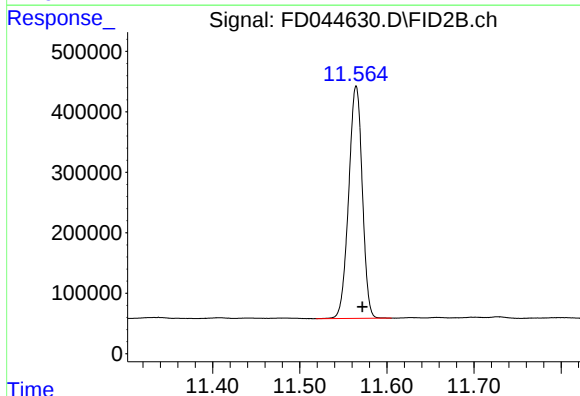
R.T.: 8.538 min
Delta R.T.: -0.001 min
Response: 4329585
Conc: 49.02 ug/ml

Instrument :
FID_D
ClientSampleId :



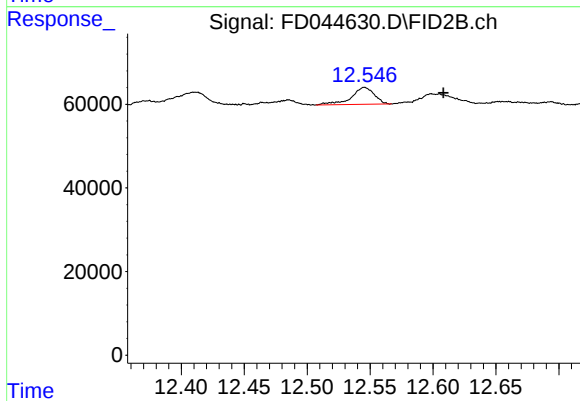
#7 Acenaphthene (C15.5)

R.T.: 8.592 min
Delta R.T.: -0.045 min
Response: 537211
Conc: 3.66 ug/ml



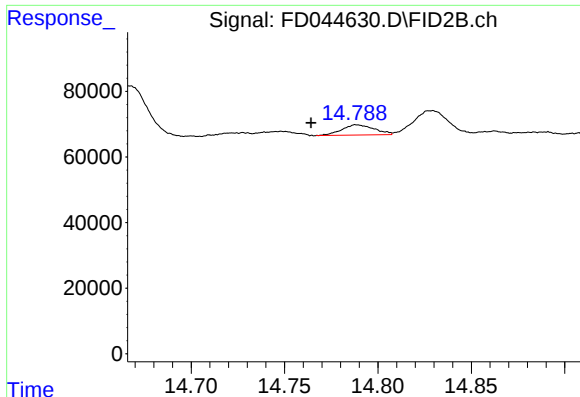
#11 ortho-Terphenyl (SURR)

R.T.: 11.565 min
Delta R.T.: -0.007 min
Response: 4170327
Conc: 25.62 ug/ml



#12 Fluoranthene (C21.85)

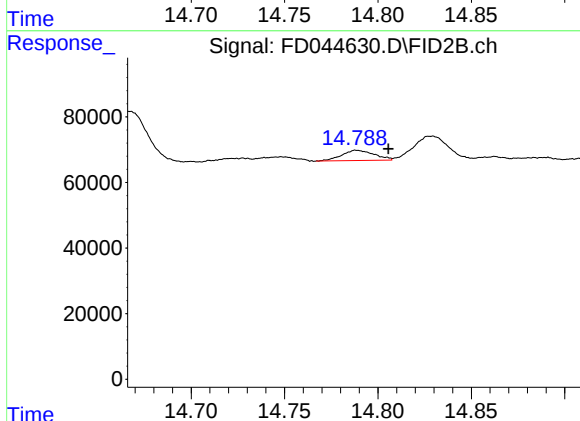
R.T.: 12.546 min
Delta R.T.: -0.063 min
Response: 50514
Conc: 0.35 ug/ml



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

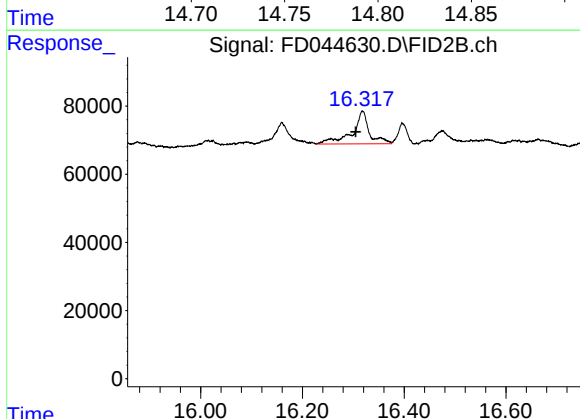
R.T.: 14.789 min
Delta R.T.: 0.025 min
Response: 37446
Conc: 0.29 ug/ml

Instrument :
FID_D
ClientSampleId :



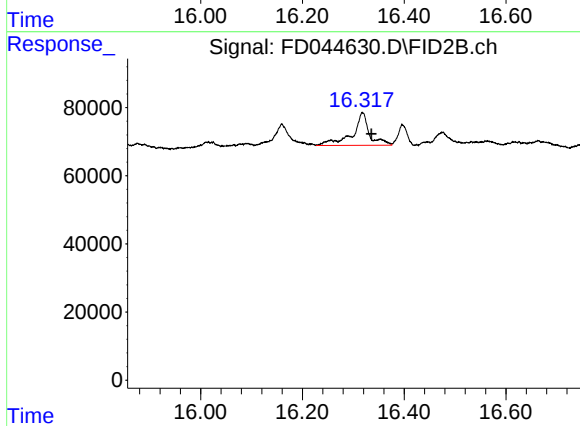
#15 Chrysene (C27.41)

R.T.: 14.789 min
Delta R.T.: -0.016 min
Response: 37446
Conc: 0.28 ug/ml



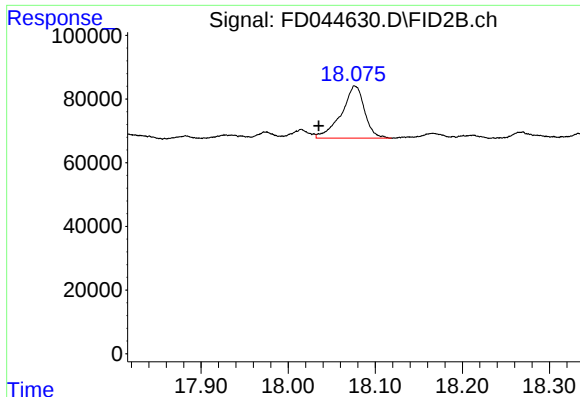
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.318 min
Delta R.T.: 0.014 min
Response: 221588
Conc: 1.68 ug/ml



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

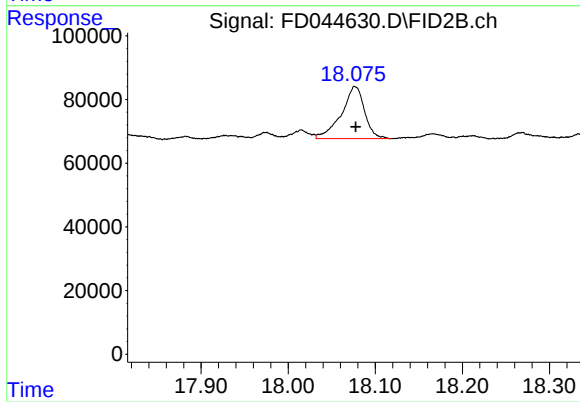
R.T.: 16.318 min
Delta R.T.: -0.017 min
Response: 221588
Conc: 1.70 ug/ml



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

R.T.: 18.077 min
Delta R.T.: 0.042 min
Response: 303177
Conc: 2.38 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 303177
Conc: 2.41 ug/ml