

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030520AR\
 Data File : FD032508.D
 Signal(s) : FID2B.CH
 Acq On : 05 Mar 2020 20:10
 Operator : DD\AJ
 Sample : L1778-07
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 06 01:00:30 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.624	7093441	54.883 ug/ml
Spiked Amount 50.000		Recovery =	109.77%
6) S 2-Fluorobiphenyl (SURR)	8.485	4908575	55.603 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	111.21%
11) S ortho-Terphenyl (SURR)	11.520	3741330	26.983 ug/ml
Spiked Amount 50.000		Recovery =	53.97%
Target Compounds			
9) T Phenanthrene (C19.36)	10.752	724825	5.187 ug/ml
10) T Anthracene (C19.43)	10.826	158566	1.133 ug/ml
12) T Fluoranthene (C21.85)	12.562	1776901	12.669 ug/ml
13) T Pyrene (C20.8)	12.858	1470978	10.698 ug/ml
14) T Benzo[a]anthracene (C...	14.726	903933	6.927 ug/ml
15) T Chrysene (C27.41)	14.767	832773	6.186 ug/ml
16) T benzo[b]fluoranthene ...	16.279	1104208	8.607 ug/ml
17) T Bnezo[k]fluoranthene ...	16.306	389063	2.964 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.655	712522	5.593 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.018	450013	3.776 ug/ml
20) T Dibenz[a,h]anthracene...	18.018	450013	3.559 ug/ml
21) T Benzo[g,h,i]perylene ...	18.271	372704	3.153 ug/ml

(f)=RT Delta > 1/2 Window

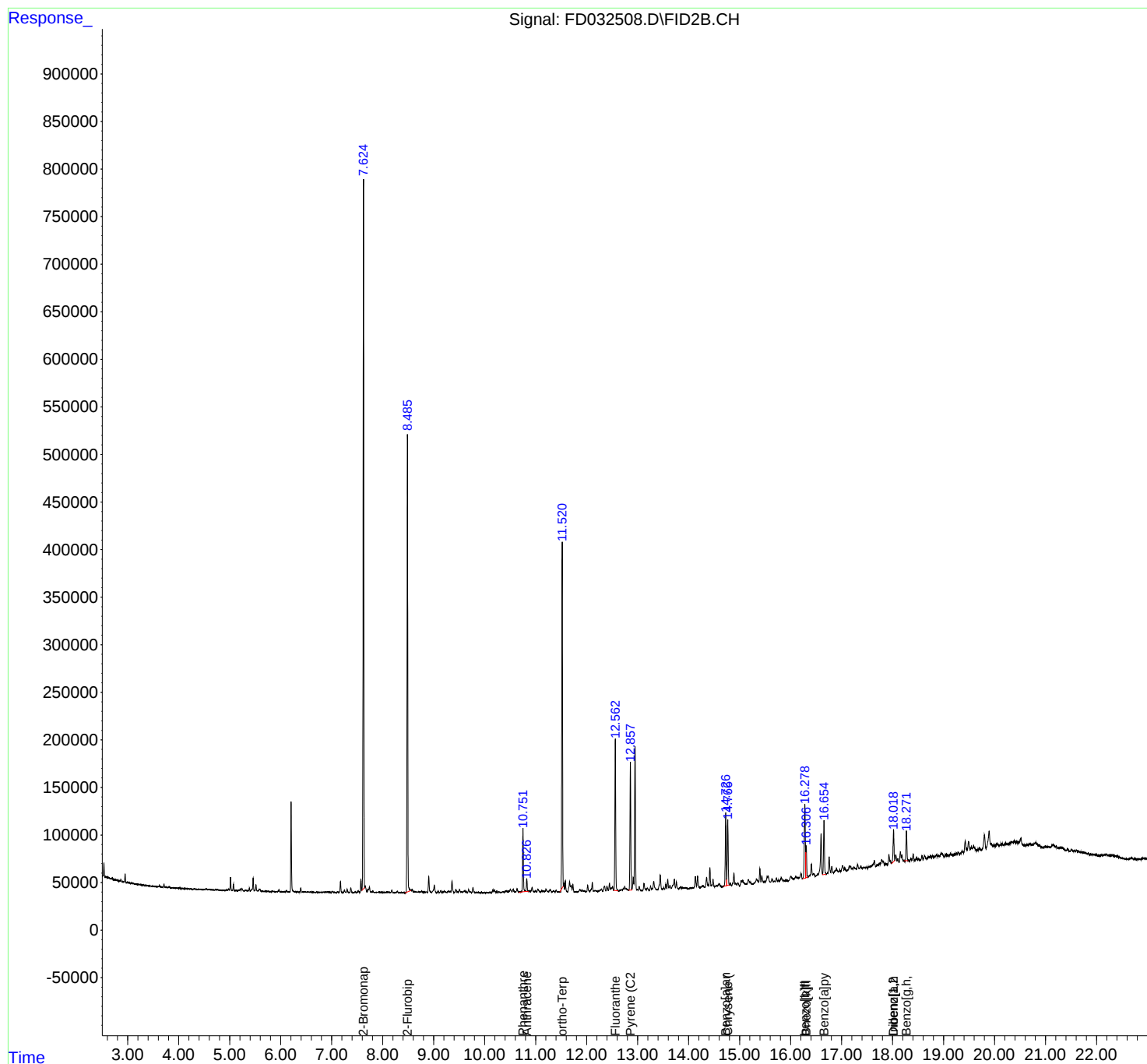
(m)=manual int.

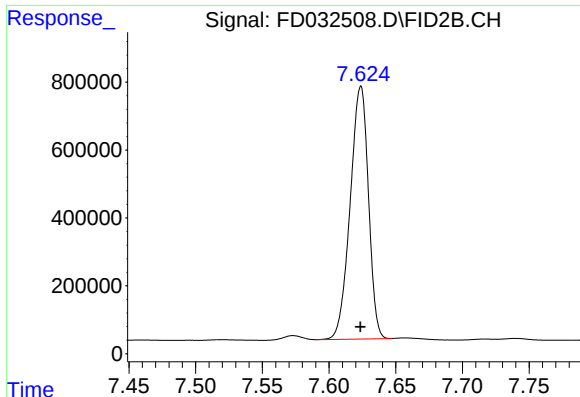
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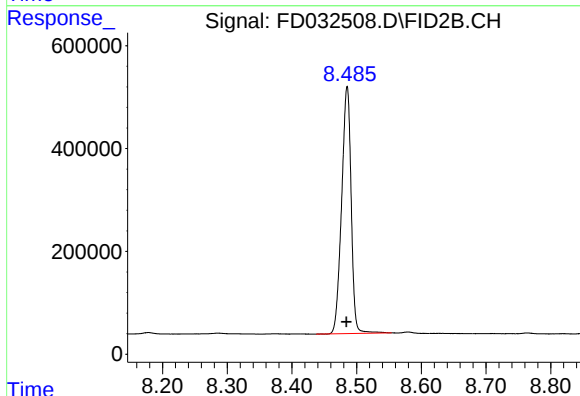




#4 2-Bromonaphthalene (SURR)

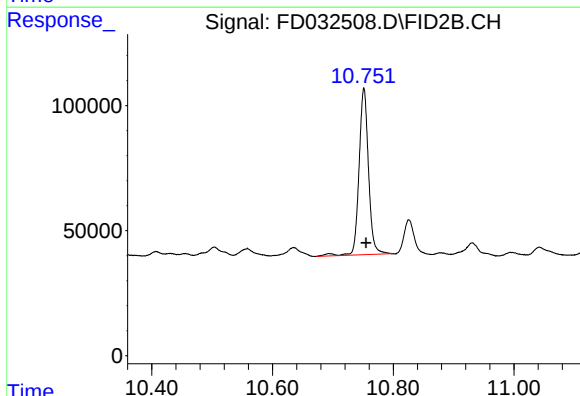
R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 7093441
Conc: 54.88 ug/ml

Instrument :
FID_D
ClientSampleId :



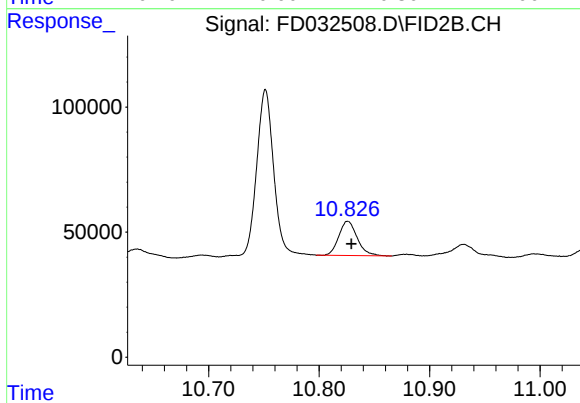
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.485 min
Delta R.T.: 0.000 min
Response: 4908575
Conc: 55.60 ug/ml



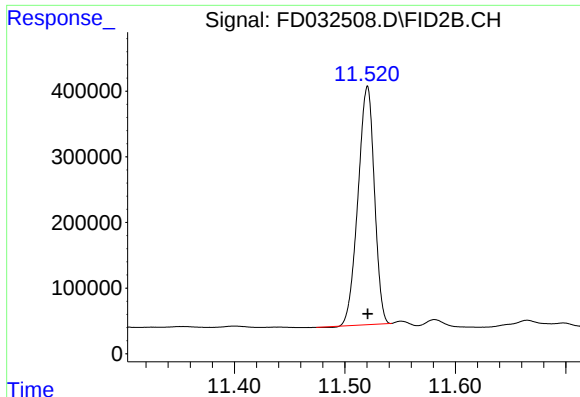
#9 Phenanthrene (C19.36)

R.T.: 10.752 min
Delta R.T.: -0.004 min
Response: 724825
Conc: 5.19 ug/ml



#10 Anthracene (C19.43)

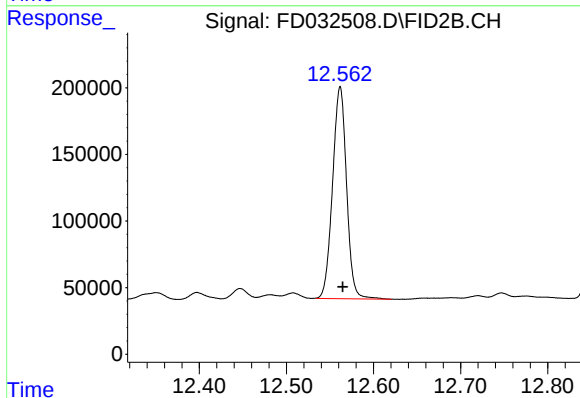
R.T.: 10.826 min
Delta R.T.: -0.003 min
Response: 158566
Conc: 1.13 ug/ml



#11 ortho-Terphenyl (SURR)

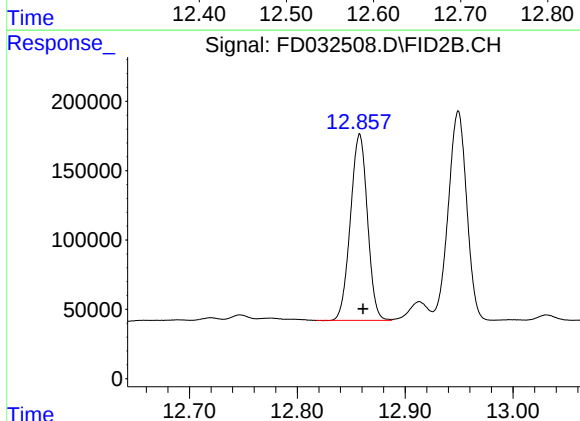
R.T.: 11.520 min
Delta R.T.: 0.000 min
Response: 3741330
Conc: 26.98 ug/ml

Instrument :
FID_D
ClientSampleId :



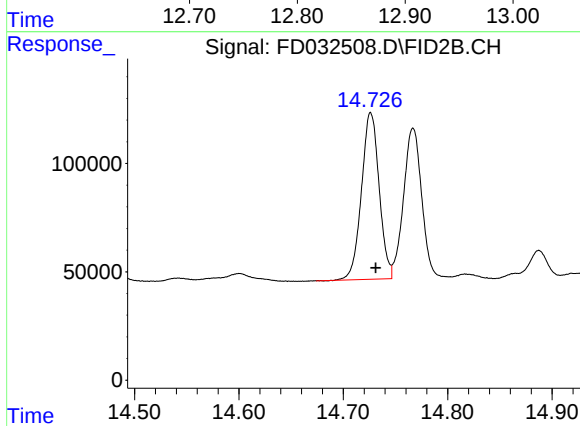
#12 Fluoranthene (C21.85)

R.T.: 12.562 min
Delta R.T.: -0.003 min
Response: 1776901
Conc: 12.67 ug/ml



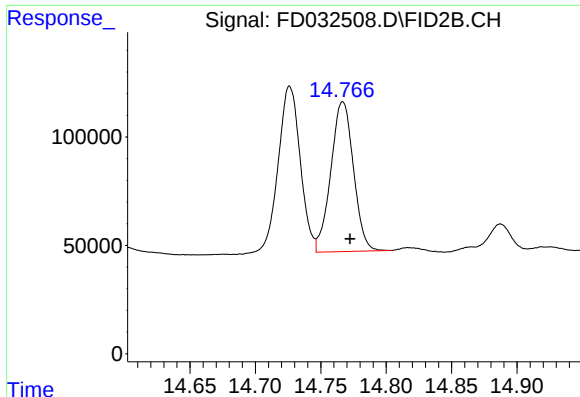
#13 Pyrene (C20.8)

R.T.: 12.858 min
Delta R.T.: -0.003 min
Response: 1470978
Conc: 10.70 ug/ml



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

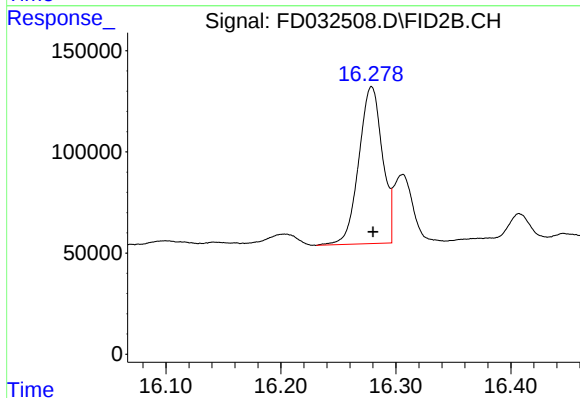
R.T.: 14.726 min
Delta R.T.: -0.005 min
Response: 903933
Conc: 6.93 ug/ml



#15 Chrysene (C27.41)

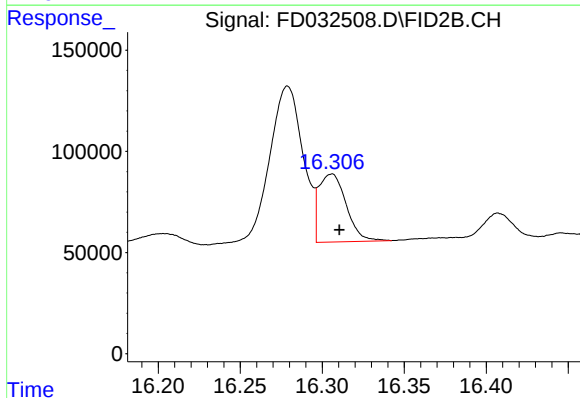
R.T.: 14.767 min
Delta R.T.: -0.006 min
Response: 832773
Conc: 6.19 ug/ml

Instrument :
FID_D
ClientSampleId :



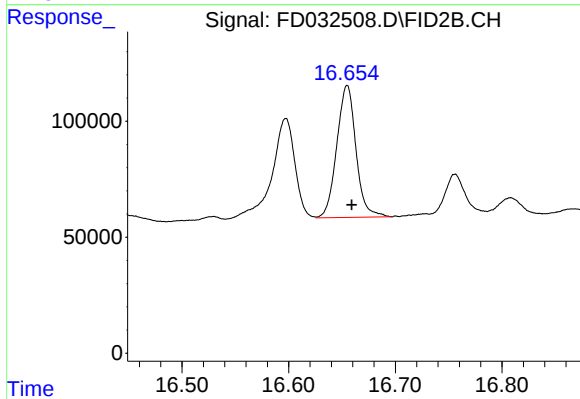
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.279 min
Delta R.T.: -0.001 min
Response: 1104208
Conc: 8.61 ug/ml



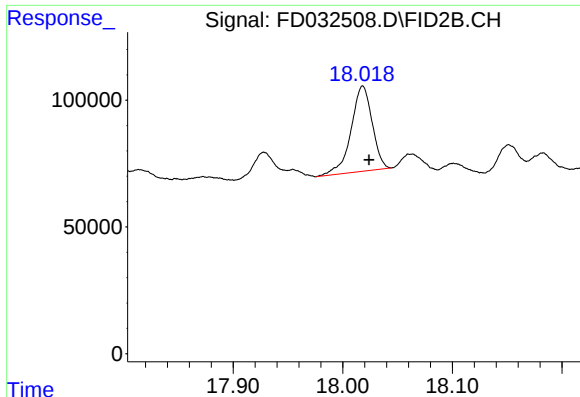
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.306 min
Delta R.T.: -0.005 min
Response: 389063
Conc: 2.96 ug/ml



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

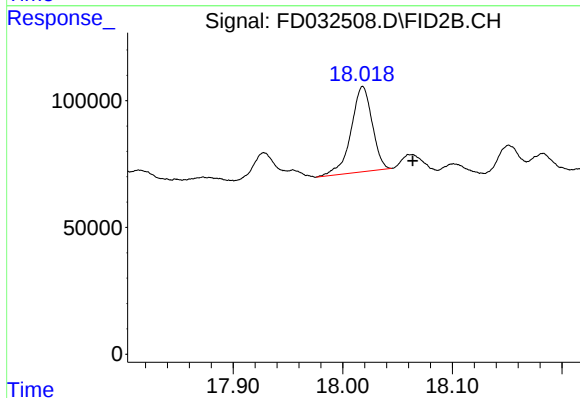
R.T.: 16.655 min
Delta R.T.: -0.004 min
Response: 712522
Conc: 5.59 ug/ml



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

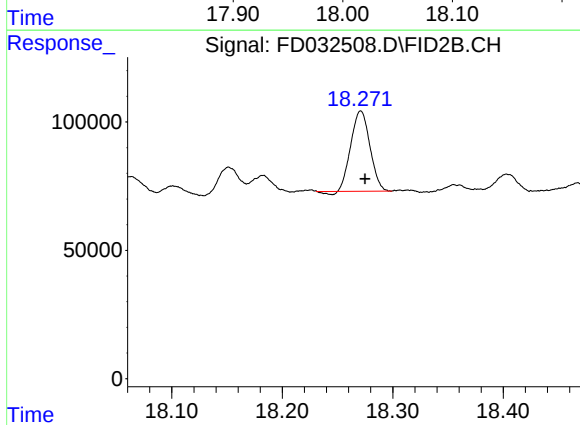
R.T.: 18.018 min
Delta R.T.: -0.006 min
Response: 450013
Conc: 3.78 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.018 min
Delta R.T.: -0.046 min
Response: 450013
Conc: 3.56 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.271 min
Delta R.T.: -0.004 min
Response: 372704
Conc: 3.15 ug/ml