

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022624AR\
 Data File : FD047324.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2024 00:36
 Operator : YP/AJ
 Sample : P1538-10
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 27 03:09:38 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	12311785	80.870 ug/ml
Spiked Amount 50.000		Recovery =	161.74%
6) S 2-Fluorobiphenyl (SURR)	8.320	7901934	78.176 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	156.35%#
11) S ortho-Terphenyl (SURR)	11.357	10368724	58.790 ug/ml
Spiked Amount 50.000		Recovery =	117.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.244	31145	0.198 ug/ml
2) T Naphthalene (C11.7)	5.808	51425	0.309 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	134312	0.796 ug/ml
5) T Acenaphthylene (C15.06)	8.123	62648	0.407 ug/ml
7) T Acenaphthene (C15.5)	8.375	67919	0.412 ug/ml
8) T Flouorene (C16.55)	9.206	70430	0.444 ug/ml
9) T Phenanthrene (C19.36)	10.583	32978	0.212 ug/ml
10) T Anthracene (C19.43)	10.664	32793	0.222 ug/ml
12) T Fluoranthene (C21.85)	12.385	71061	0.459 ug/ml
13) T Pyrene (C20.8)	12.677	80269	0.534 ug/ml
14) T Benzo[a]anthracene (C...	14.545	31623	0.235 ug/ml
15) T Chrysene (C27.41)	14.585	50069	0.342 ug/ml
16) T benzo[b]fluoranthene ...	16.088	27942	0.203 ug/ml
17) T Bnezo[k]fluoranthene ...	16.088	27942	0.201 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.464	20660	0.153 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.825	246902	1.956 ug/ml
20) T Dibenz[a,h]anthracene...	17.887	94041	0.706 ug/ml
21) T Benzo[g,h,i]perylene ...	18.071	34449	0.260 ug/ml

(f)=RT Delta > 1/2 Window

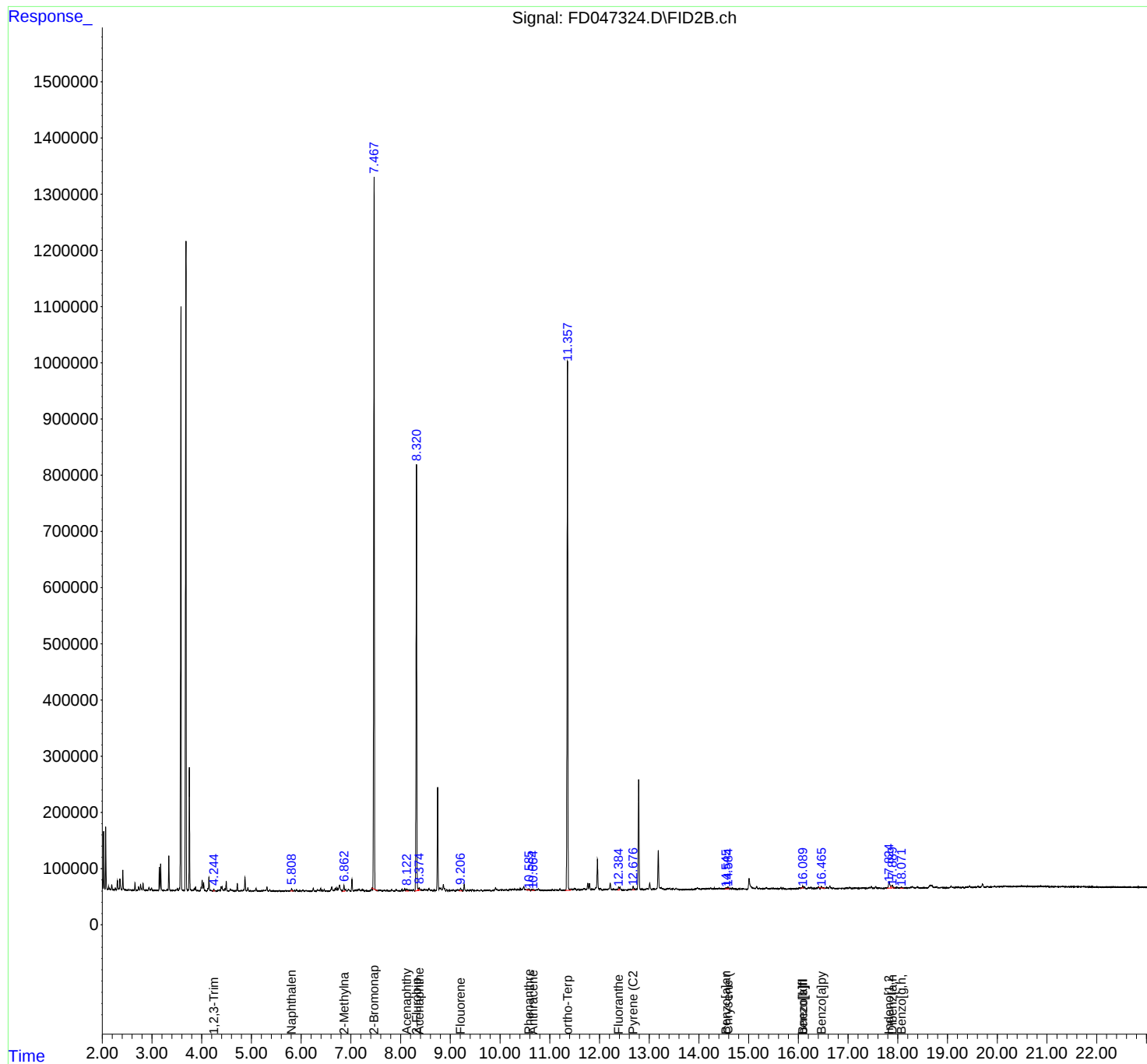
(m)=manual int.

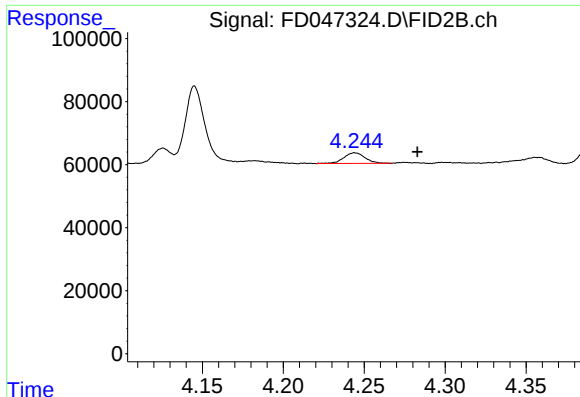
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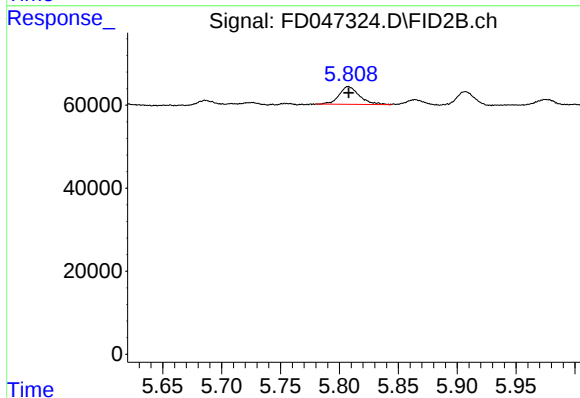




#1 1,2,3-Trimethylbenzene (C10.1)

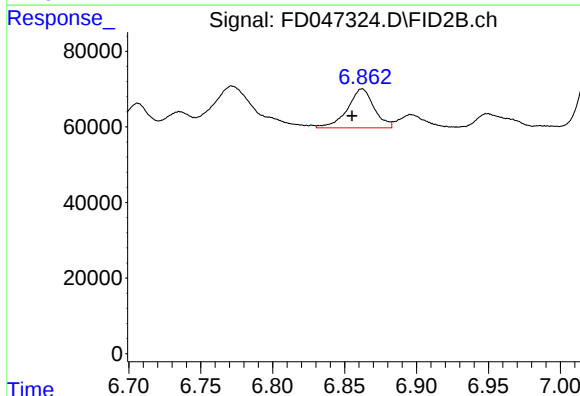
R.T.: 4.244 min
Delta R.T.: -0.039 min
Response: 31145
Conc: 0.20 ug/ml

Instrument :
FID_D
ClientSampleId :



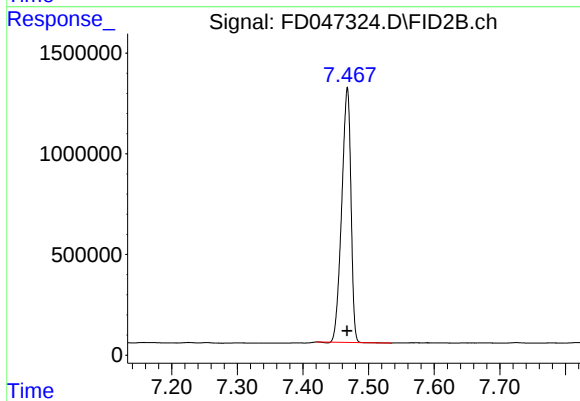
#2 Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 51425
Conc: 0.31 ug/ml



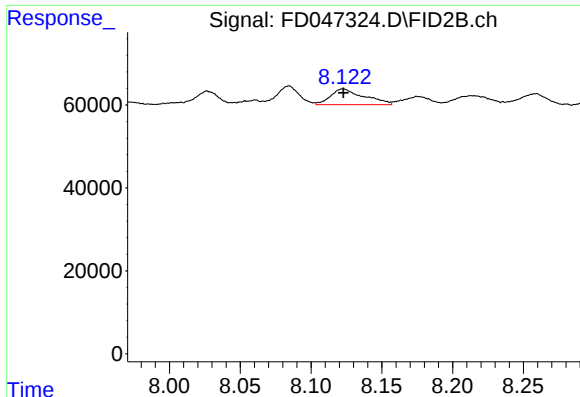
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: 0.007 min
Response: 134312
Conc: 0.80 ug/ml



#4 2-Bromonaphthalene (SURR)

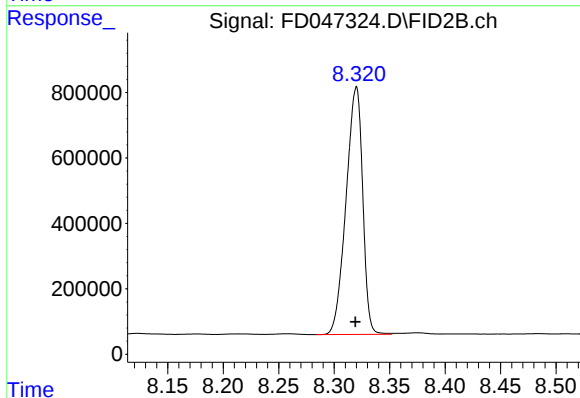
R.T.: 7.467 min
Delta R.T.: 0.000 min
Response: 12311785
Conc: 80.87 ug/ml



#5 Acenaphthylene (C15.06)

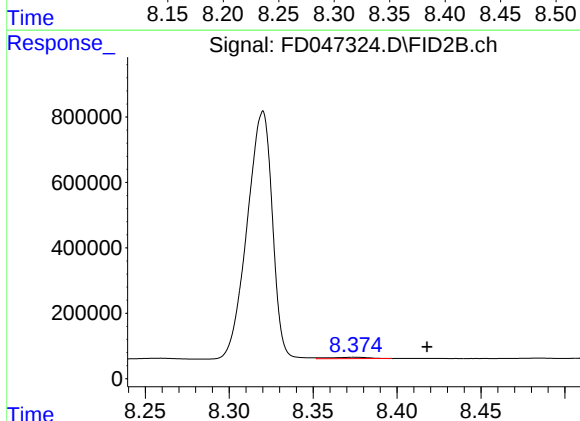
R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 62648
Conc: 0.41 ug/ml

Instrument :
FID_D
ClientSampleId :



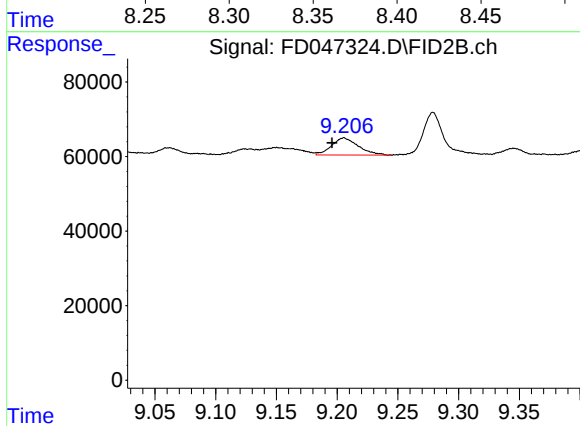
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.320 min
Delta R.T.: 0.000 min
Response: 7901934
Conc: 78.18 ug/ml



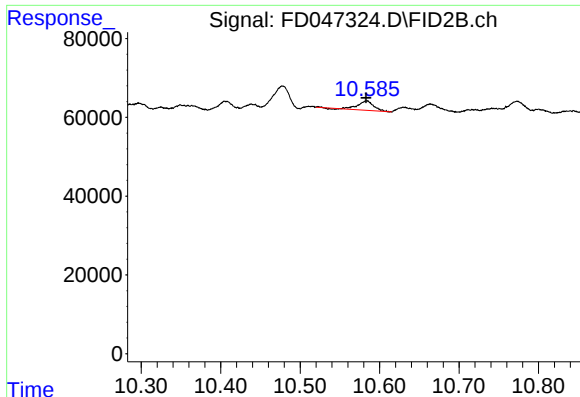
#7 Acenaphthene (C15.5)

R.T.: 8.375 min
Delta R.T.: -0.043 min
Response: 67919
Conc: 0.41 ug/ml



#8 Flouorene (C16.55)

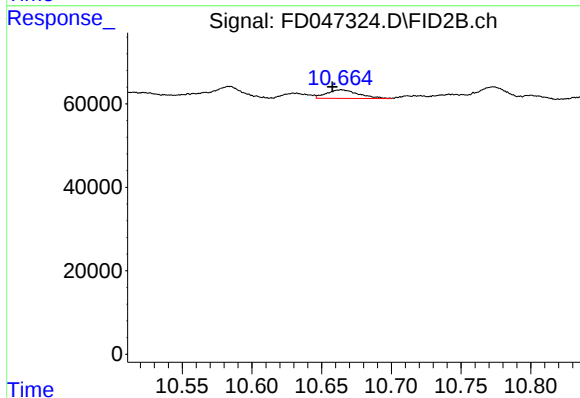
R.T.: 9.206 min
Delta R.T.: 0.010 min
Response: 70430
Conc: 0.44 ug/ml



#9 Phenanthrene (C19.36)

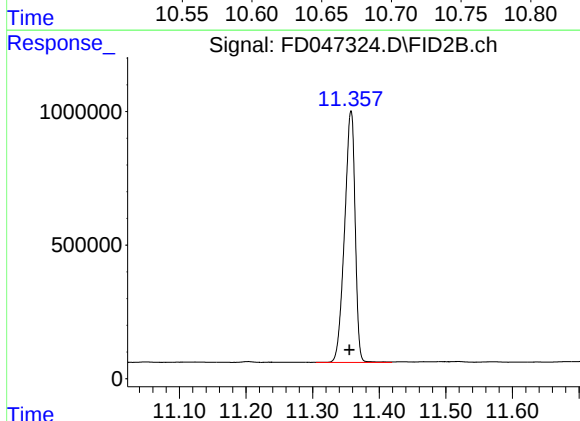
R.T.: 10.583 min
Delta R.T.: 0.000 min
Response: 32978
Conc: 0.21 ug/ml

Instrument :
FID_D
ClientSampleId :



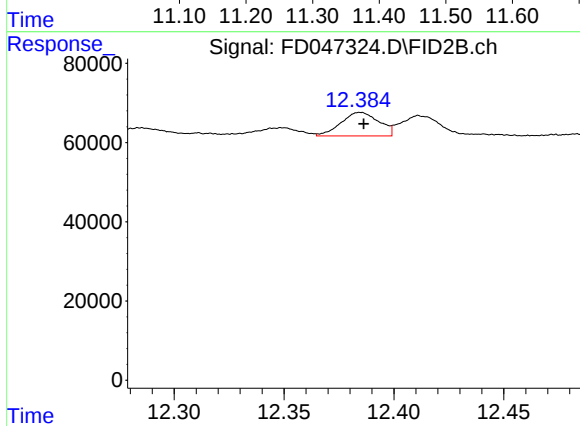
#10 Anthracene (C19.43)

R.T.: 10.664 min
Delta R.T.: 0.006 min
Response: 32793
Conc: 0.22 ug/ml



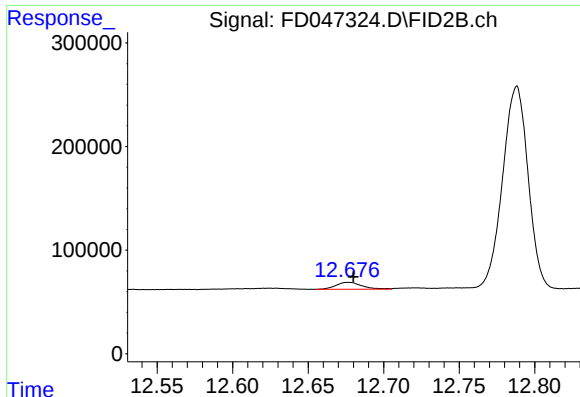
#11 ortho-Terphenyl (SURR)

R.T.: 11.357 min
Delta R.T.: 0.002 min
Response: 10368724
Conc: 58.79 ug/ml



#12 Fluoranthene (C21.85)

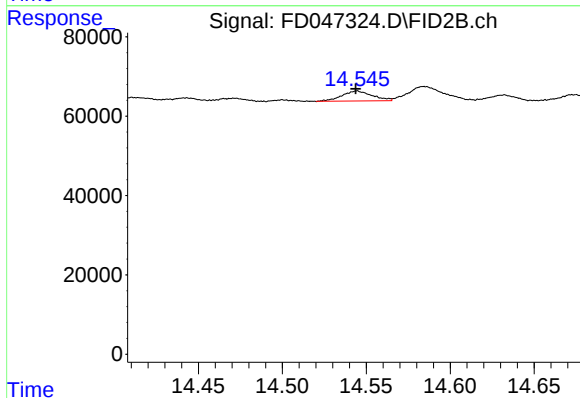
R.T.: 12.385 min
Delta R.T.: -0.001 min
Response: 71061
Conc: 0.46 ug/ml



#13 Pyrene (C20.8)

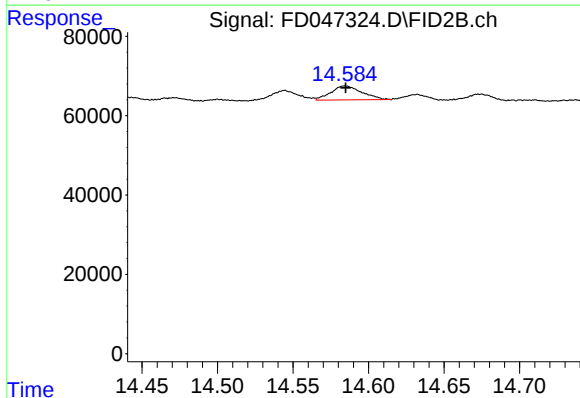
R.T.: 12.677 min
Delta R.T.: -0.003 min
Response: 80269
Conc: 0.53 ug/ml

Instrument :
FID_D
ClientSampleId :



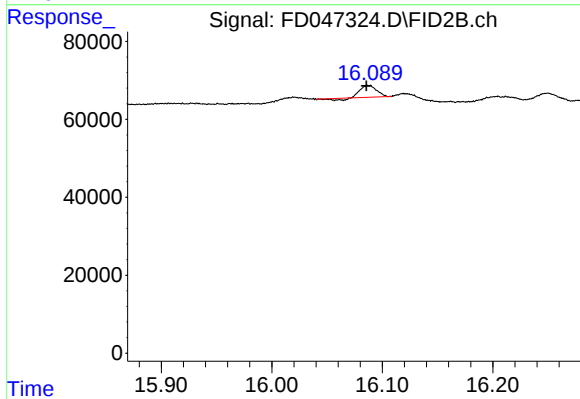
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min
Delta R.T.: 0.000 min
Response: 31623
Conc: 0.24 ug/ml



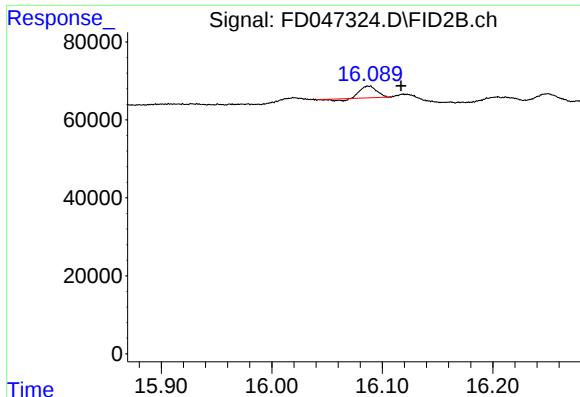
#15 Chrysene (C27.41)

R.T.: 14.585 min
Delta R.T.: 0.000 min
Response: 50069
Conc: 0.34 ug/ml



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

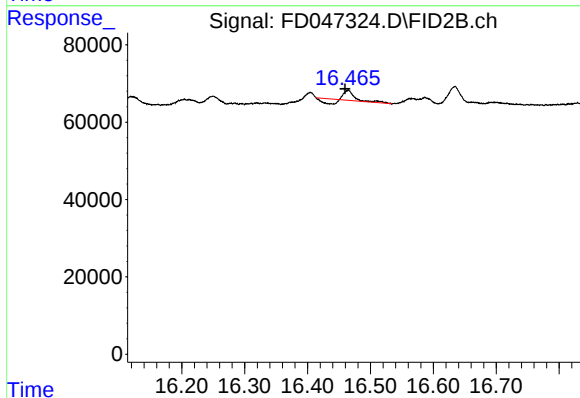
R.T.: 16.088 min
Delta R.T.: 0.002 min
Response: 27942
Conc: 0.20 ug/ml



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

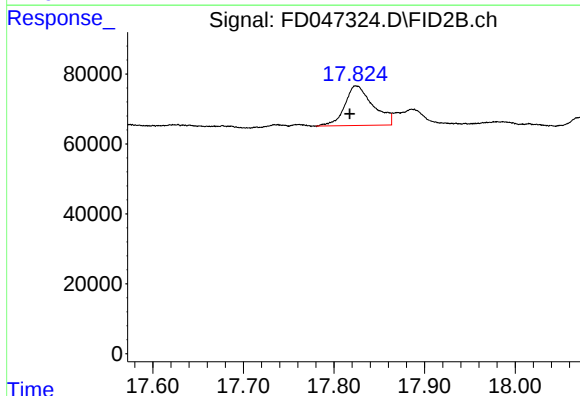
R.T.: 16.088 min
Delta R.T.: -0.029 min
Response: 27942
Conc: 0.20 ug/ml

Instrument :
FID_D
ClientSampleId :



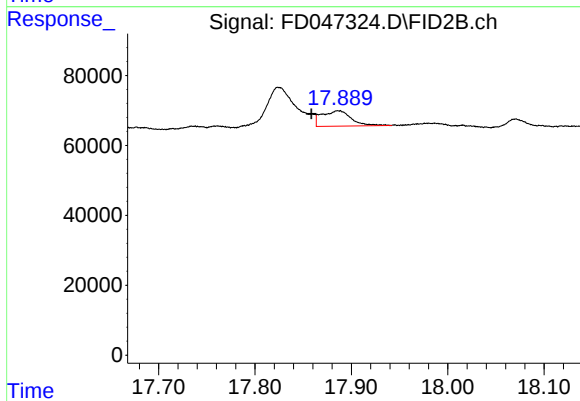
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.464 min
Delta R.T.: 0.005 min
Response: 20660
Conc: 0.15 ug/ml



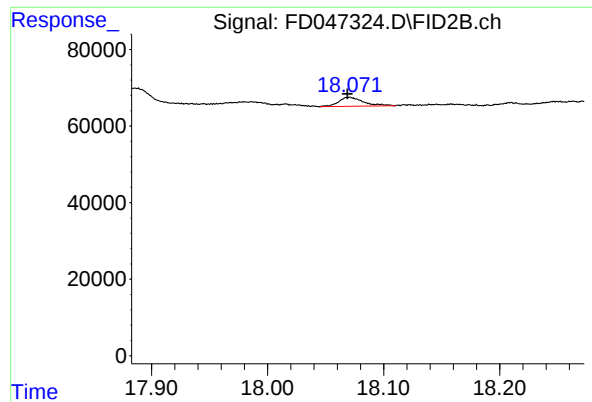
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.825 min
Delta R.T.: 0.008 min
Response: 246902
Conc: 1.96 ug/ml



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

R.T.: 17.887 min
Delta R.T.: 0.028 min
Response: 94041
Conc: 0.71 ug/ml



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

R.T.: 18.071 min
Delta R.T.: 0.002 min
Response: 34449
Conc: 0.26 ug/ml

Instrument :

FID_D

ClientSampleId :