

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022324AR\
 Data File : FD047301.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2024 11:50
 Operator : YP/AJ
 Sample : P1464-02DL 2X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 24 02:22:55 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...	7.465	5420449	35.604 ug/ml
Spiked Amount 50.000		Recovery =	71.21%
6) S 2-Fluorobiphenyl (SURR)	8.317	3568912	35.308 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	70.62%
11) S ortho-Terphenyl (SURR)	11.356	5653065	32.052 ug/ml
Spiked Amount 50.000		Recovery =	64.10%
Target Compounds			
2) T Naphthalene (C11.7)	5.806	94946	0.571 ug/ml
3) T 2-Methylnaphthalene (...)	6.852	594431	3.525 ug/ml
5) T Acenaphthylene (C15.06)	8.098	1506506	9.788 ug/ml
7) T Acenaphthene (C15.5)	8.414	242378	1.470 ug/ml
8) T Flouorene (C16.55)	9.190	410676	2.590 ug/ml
9) T Phenanthrene (C19.36)	10.580	516018	3.322 ug/ml
10) T Anthracene (C19.43)	10.657	197190	1.337 ug/ml
12) T Fluoranthene (C21.85)	12.384	569707	3.680 ug/ml
13) T Pyrene (C20.8)	12.678	416130	2.766 ug/ml
14) T Benzo[a]anthracene (C...	14.542	203089	1.511 ug/ml
15) T Chrysene (C27.41)	14.582	237579	1.622 ug/ml
16) T benzo[b]fluoranthene ...	16.084	289608	2.103 ug/ml
17) T Bnezo[k]fluoranthene ...	16.113	92981	0.670 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.819	378599	2.999 ug/ml
20) T Dibenz[a,h]anthracene...	17.892	162888	1.223 ug/ml
21) T Benzo[g,h,i]perylene ...	18.067	162192	1.223 ug/ml

(f)=RT Delta > 1/2 Window

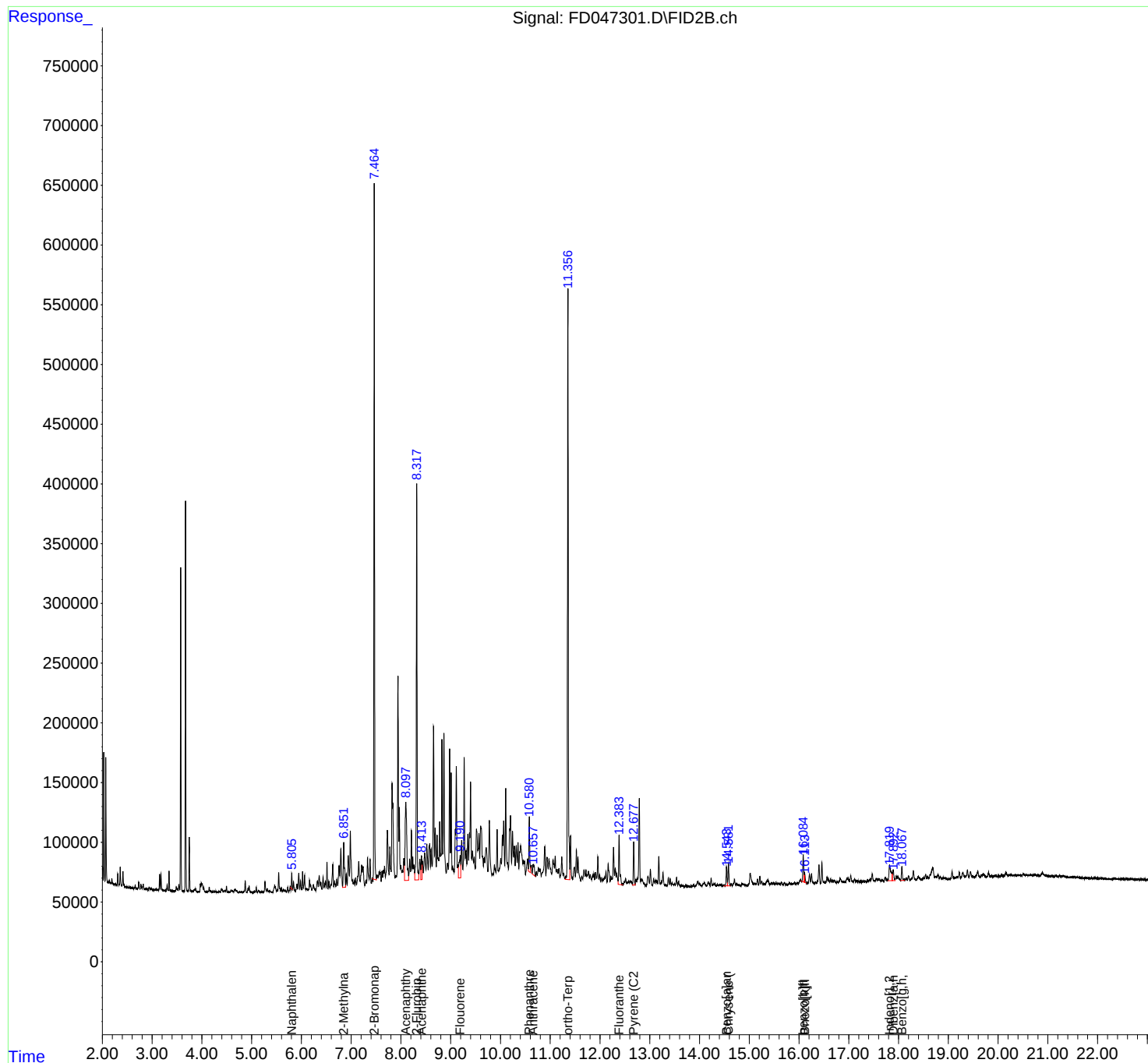
(m)=manual int.

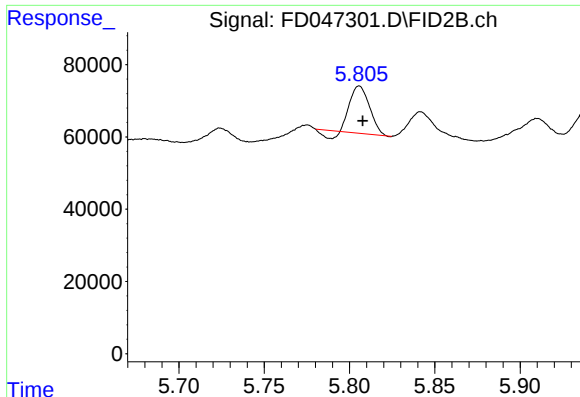
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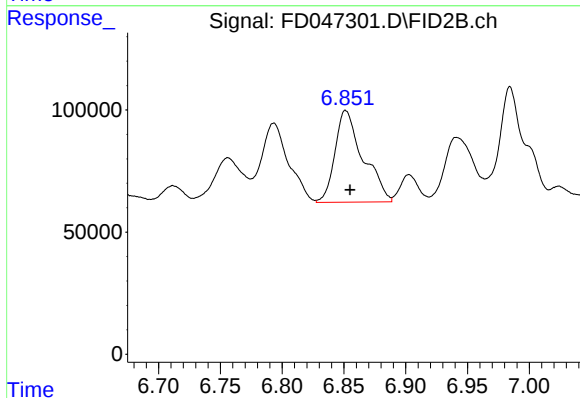




#2 Naphthalene (C11.7)

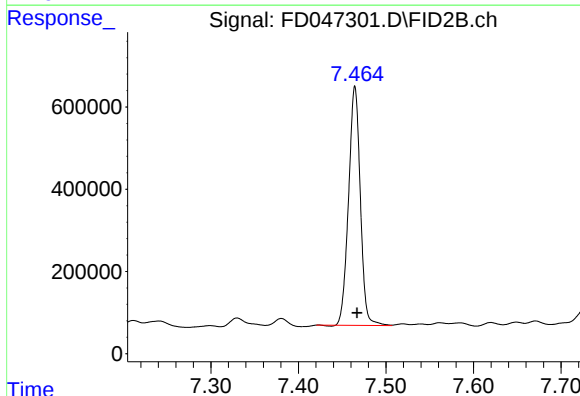
R.T.: 5.806 min
Delta R.T.: -0.002 min
Response: 94946
Conc: 0.57 ug/ml

Instrument :
FID_D
ClientSampleId :



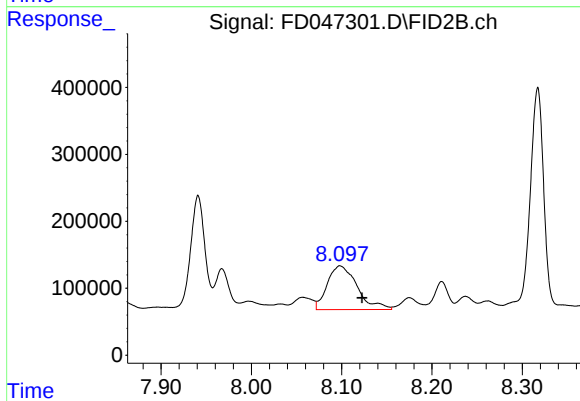
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 594431
Conc: 3.52 ug/ml



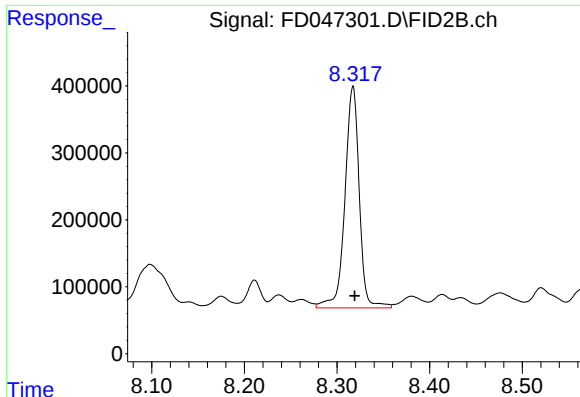
#4 2-Bromonaphthalene (SURR)

R.T.: 7.465 min
Delta R.T.: -0.003 min
Response: 5420449
Conc: 35.60 ug/ml



#5 Acenaphthylene (C15.06)

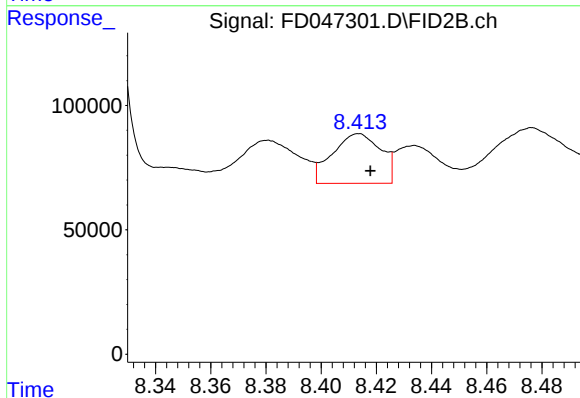
R.T.: 8.098 min
Delta R.T.: -0.024 min
Response: 1506506
Conc: 9.79 ug/ml



#6 2-Fluorobiphenyl (SURR)

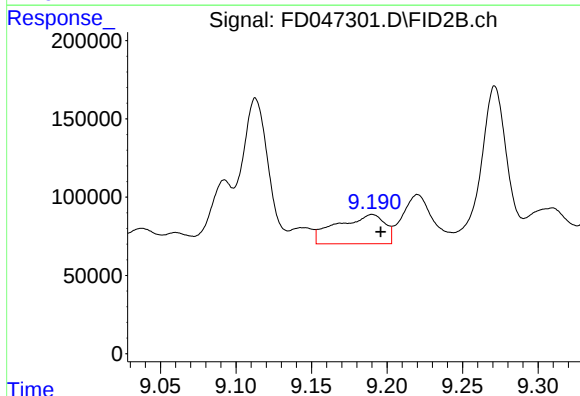
R.T.: 8.317 min
Delta R.T.: -0.002 min
Response: 3568912
Conc: 35.31 ug/ml

Instrument :
FID_D
ClientSampleId :



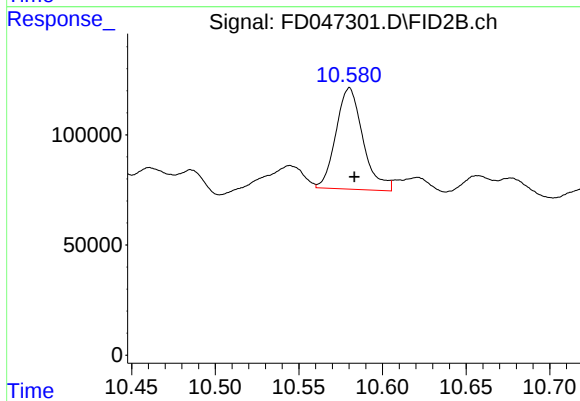
#7 Acenaphthene (C15.5)

R.T.: 8.414 min
Delta R.T.: -0.004 min
Response: 242378
Conc: 1.47 ug/ml



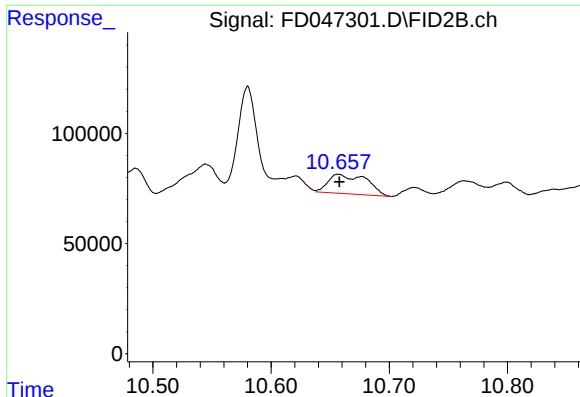
#8 Flouorene (C16.55)

R.T.: 9.190 min
Delta R.T.: -0.006 min
Response: 410676
Conc: 2.59 ug/ml



#9 Phenanthrene (C19.36)

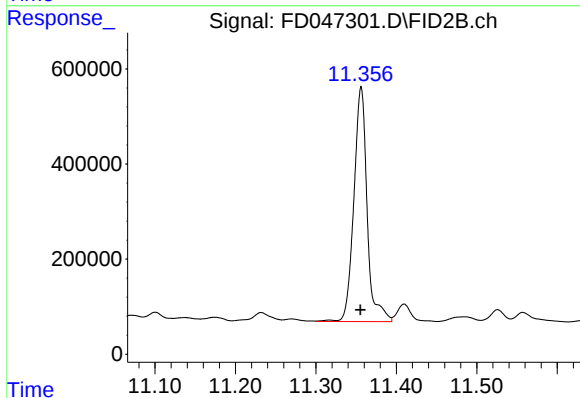
R.T.: 10.580 min
Delta R.T.: -0.003 min
Response: 516018
Conc: 3.32 ug/ml



#10 Anthracene (C19.43)

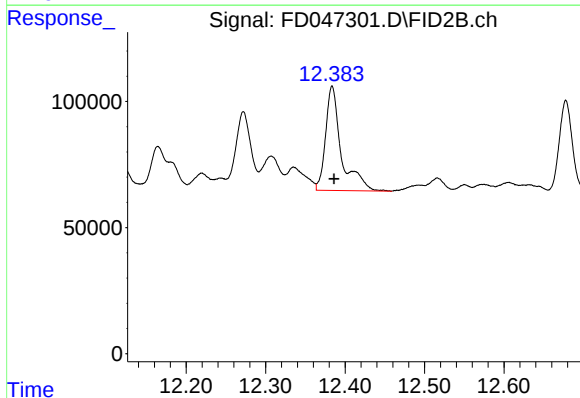
R.T.: 10.657 min
Delta R.T.: 0.000 min
Response: 197190
Conc: 1.34 ug/ml

Instrument :
FID_D
ClientSampleId :



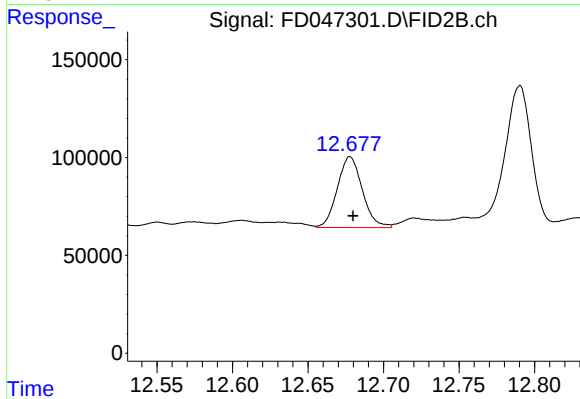
#11 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 5653065
Conc: 32.05 ug/ml



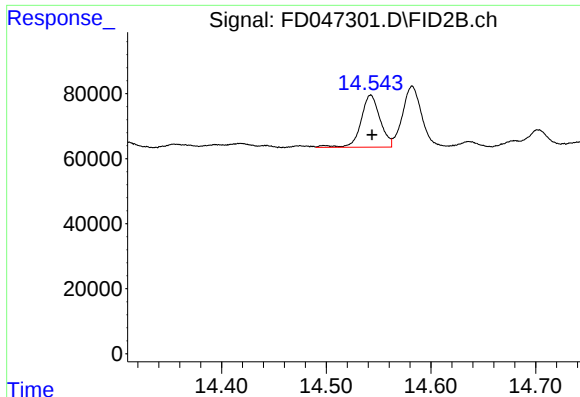
#12 Fluoranthene (C21.85)

R.T.: 12.384 min
Delta R.T.: -0.002 min
Response: 569707
Conc: 3.68 ug/ml



#13 Pyrene (C20.8)

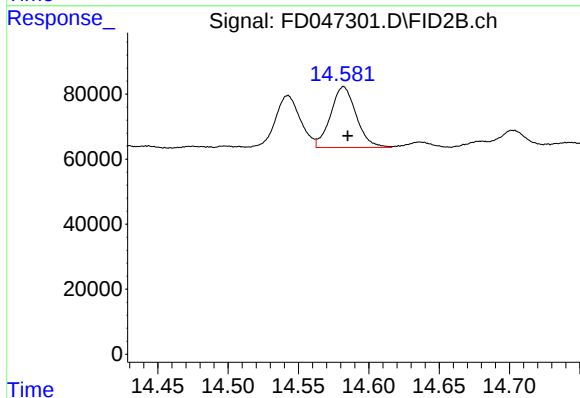
R.T.: 12.678 min
Delta R.T.: -0.002 min
Response: 416130
Conc: 2.77 ug/ml



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

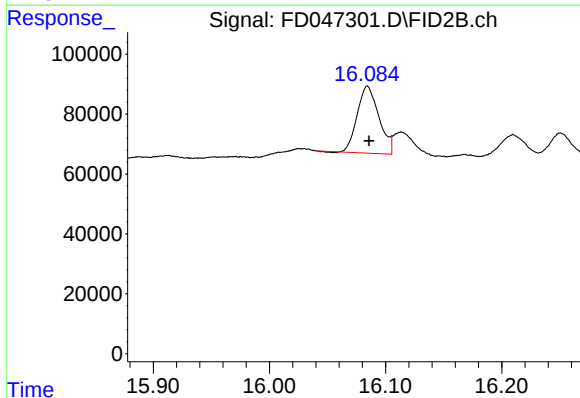
R.T.: 14.542 min
Delta R.T.: -0.001 min
Response: 203089
Conc: 1.51 ug/ml

Instrument :
FID_D
ClientSampleId :



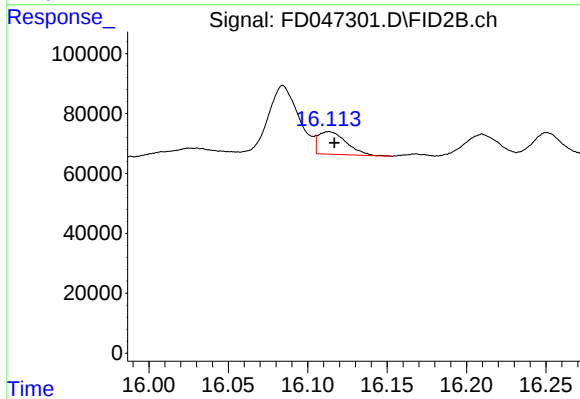
#15 Chrysene (C27.41)

R.T.: 14.582 min
Delta R.T.: -0.003 min
Response: 237579
Conc: 1.62 ug/ml



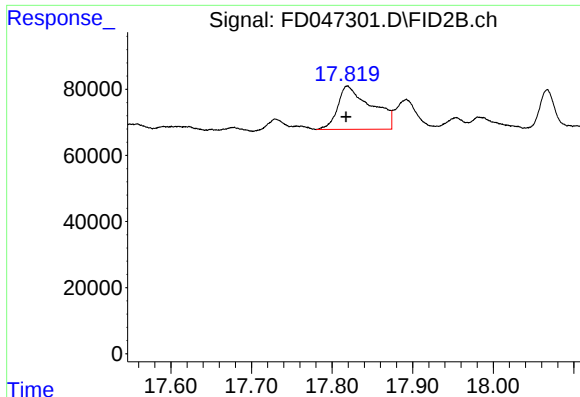
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.084 min
Delta R.T.: -0.001 min
Response: 289608
Conc: 2.10 ug/ml



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

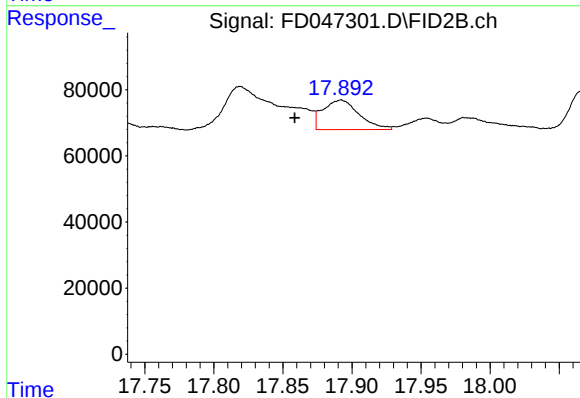
R.T.: 16.113 min
Delta R.T.: -0.004 min
Response: 92981
Conc: 0.67 ug/ml



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

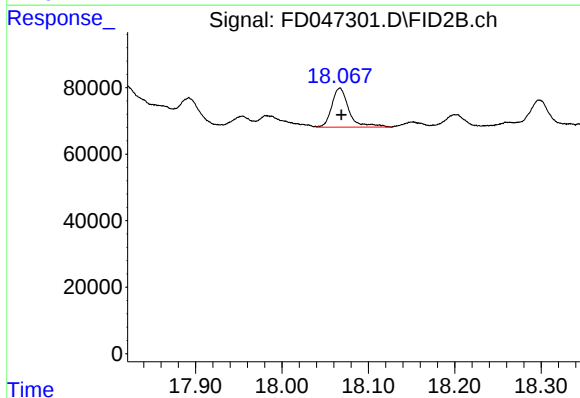
R.T.: 17.819 min
Delta R.T.: 0.002 min
Response: 378599
Conc: 3.00 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.892 min
Delta R.T.: 0.033 min
Response: 162888
Conc: 1.22 ug/ml



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

R.T.: 18.067 min
Delta R.T.: -0.002 min
Response: 162192
Conc: 1.22 ug/ml