

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050724AR\
 Data File : FD047657.D
 Signal(s) : FID2B.ch
 Acq On : 07 May 2024 20:54
 Operator : YP/AJ
 Sample : P2391-08
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 08 03:34:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.468	26055691	166.141 ug/ml
Spiked Amount 50.000		Recovery =	332.28%
6) S 2-Fluorobiphenyl (SURR)	8.338	42693545	408.151 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	816.30%#
11) S ortho-Terphenyl (SURR)	11.346	110798026	590.817 ug/ml
Spiked Amount 50.000		Recovery =	1181.63%
Target Compounds			
2) T Naphthalene (C11.7)	5.763	252200	1.490 ug/ml
3) T 2-Methylnaphthalene (...)	6.856	5025054	29.500 ug/ml
5) T Acenaphthylene (C15.06)	8.104	19480644	119.451 ug/ml
7) T Acenaphthene (C15.5)	8.432	62524392	371.957 ug/ml
8) T Fluorene (C16.55)	9.162	85783019	515.699 ug/ml
9) T Phenanthrene (C19.36)	10.570	113997073	696.303 ug/ml
10) T Anthracene (C19.43)	10.677	199833271	1334.135 ug/ml
12) T Fluoranthene (C21.85)	12.374	131840964	794.540 ug/ml
13) T Pyrene (C20.8)	12.693	114041326	700.884 ug/ml
14) T Benzo[a]anthracene (C...	14.585	79277895	543.100 ug/ml
15) T Chrysene (C27.41)	14.585	79277895	503.080 ug/ml
16) T benzo[b]fluoranthene ...	16.126	14214904	95.173 ug/ml
17) T Bnezo[k]fluoranthene ...	16.126	14214904	94.419 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.460	30287137	209.901 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.849	2828520	20.841 ug/ml
20) T Dibenz[a,h]anthracene...	17.849	2828520	19.756 ug/ml
21) T Benzo[g,h,i]perylene ...	18.101	474615	3.457 ug/ml

(f)=RT Delta > 1/2 Window

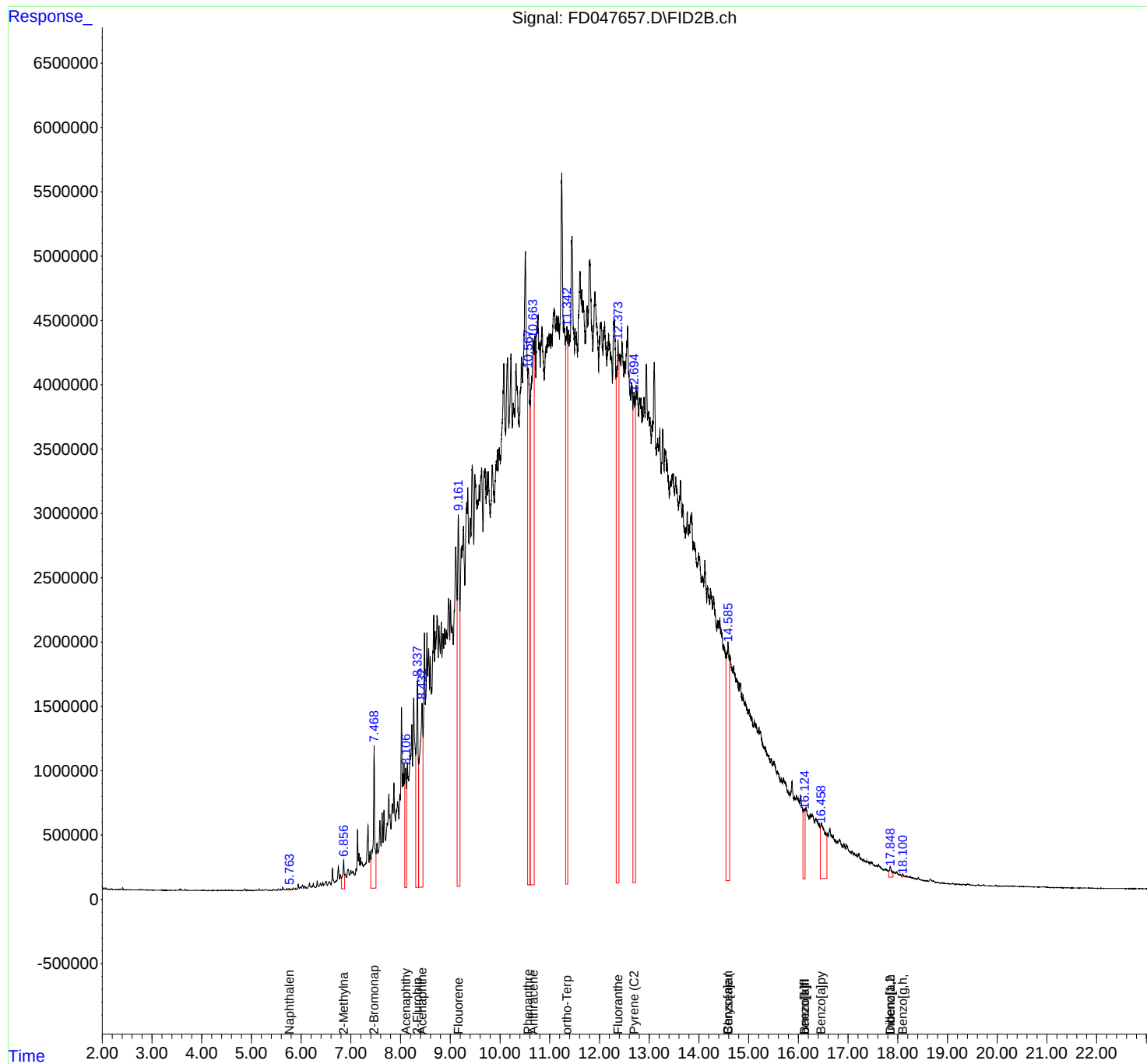
(m)=manual int.

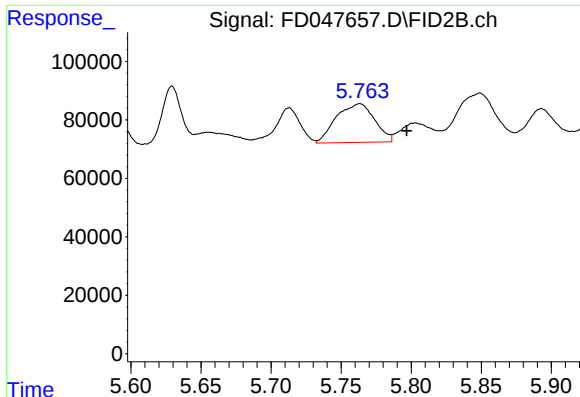
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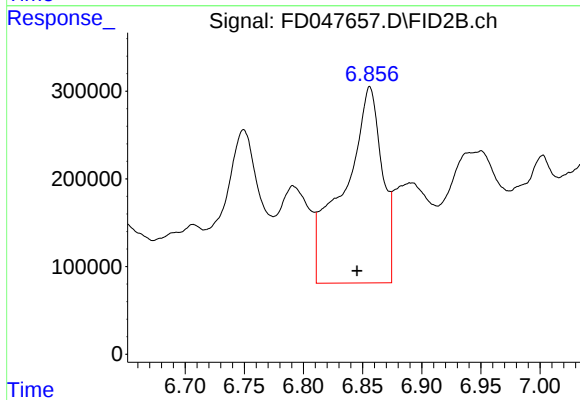




#2 Naphthalene (C11.7)

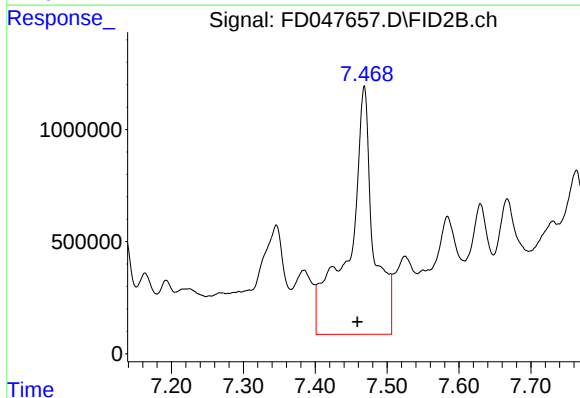
R.T.: 5.763 min
Delta R.T.: -0.034 min
Response: 252200
Conc: 1.49 ug/ml

Instrument :
FID_D
ClientSampleId :



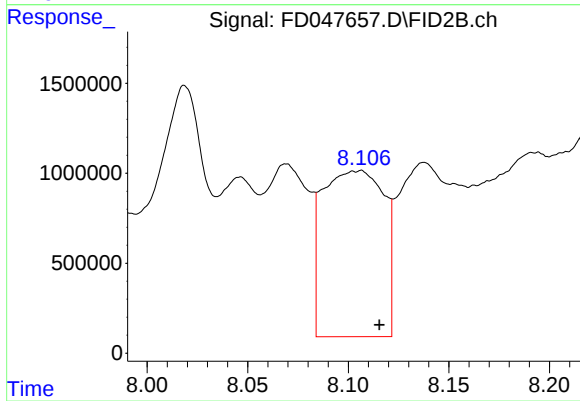
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.856 min
Delta R.T.: 0.011 min
Response: 5025054
Conc: 29.50 ug/ml



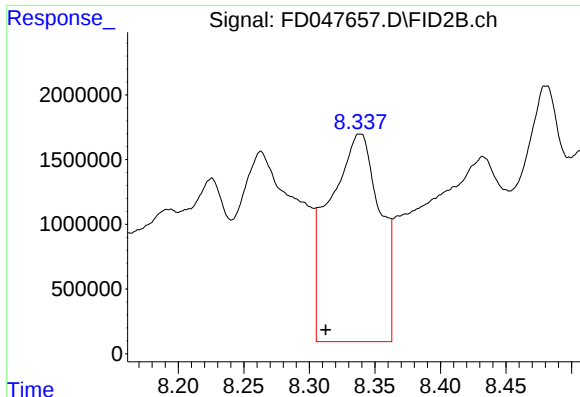
#4 2-Bromonaphthalene (SURR)

R.T.: 7.468 min
Delta R.T.: 0.009 min
Response: 26055691
Conc: 166.14 ug/ml



#5 Acenaphthylene (C15.06)

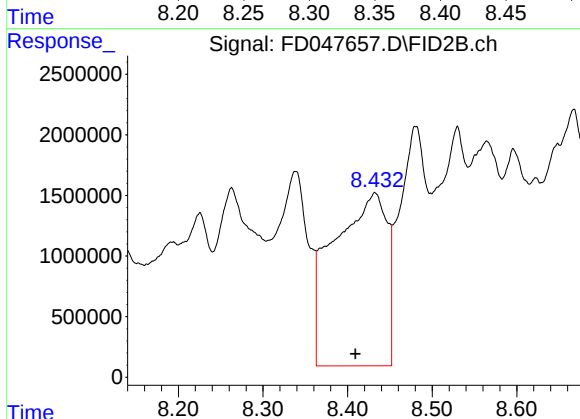
R.T.: 8.104 min
Delta R.T.: -0.011 min
Response: 19480644
Conc: 119.45 ug/ml



#6 2-Fluorobiphenyl (SURR)

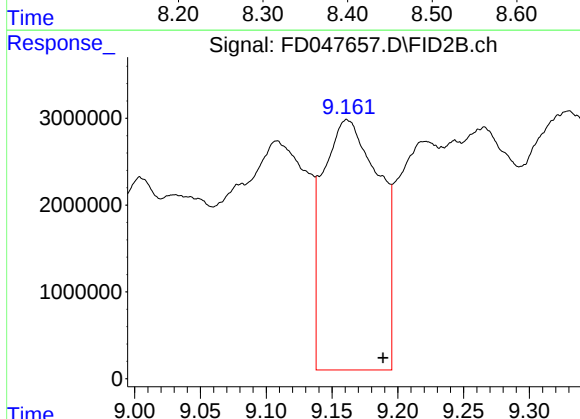
R.T.: 8.338 min
Delta R.T.: 0.026 min
Response: 42693545
Conc: 408.15 ug/ml

Instrument :
FID_D
ClientSampleId :



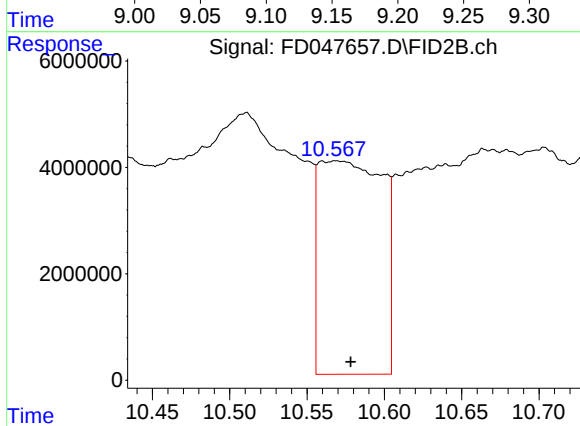
#7 Acenaphthene (C15.5)

R.T.: 8.432 min
Delta R.T.: 0.023 min
Response: 62524392
Conc: 371.96 ug/ml



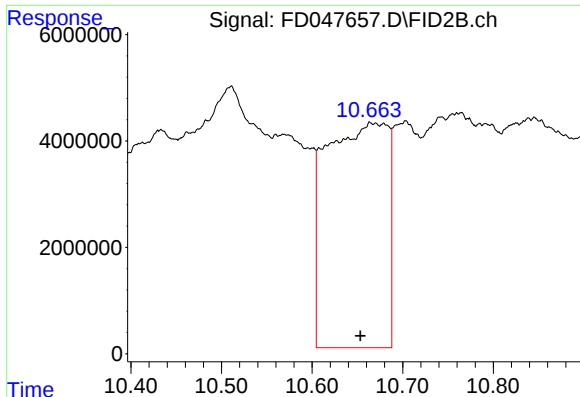
#8 Flouorene (C16.55)

R.T.: 9.162 min
Delta R.T.: -0.027 min
Response: 85783019
Conc: 515.70 ug/ml



#9 Phenanthrene (C19.36)

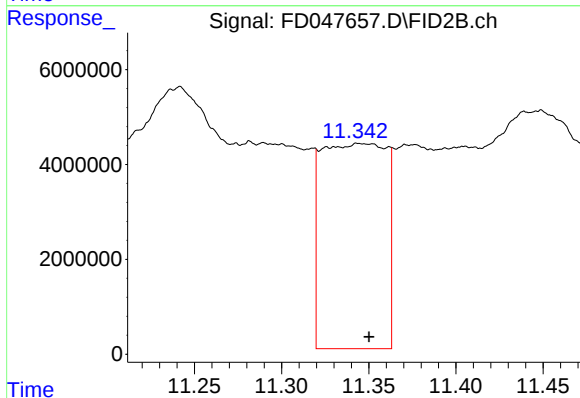
R.T.: 10.570 min
Delta R.T.: -0.009 min
Response: 113997073
Conc: 696.30 ug/ml



#10 Anthracene (C19.43)

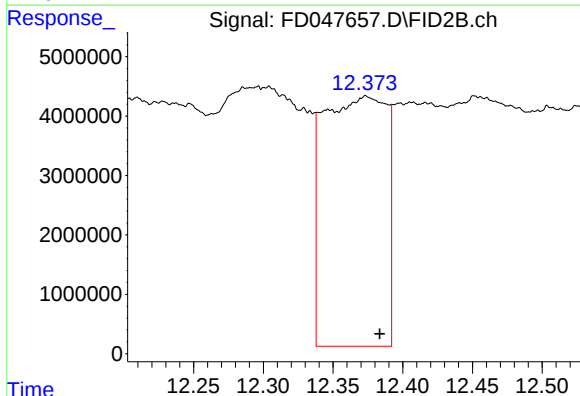
R.T.: 10.677 min
Delta R.T.: 0.024 min
Response: 199833271
Conc: 1334.14 ug/ml

Instrument :
FID_D
ClientSampleId :



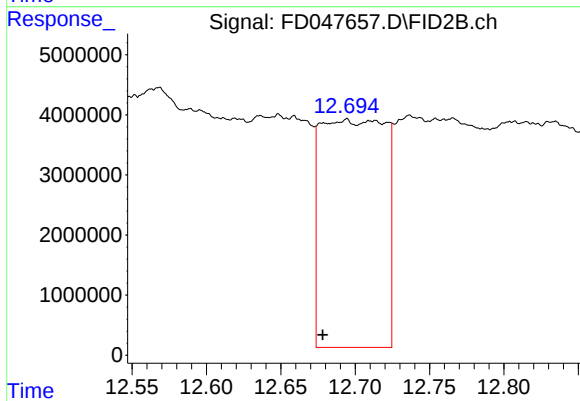
#11 ortho-Terphenyl (SURR)

R.T.: 11.346 min
Delta R.T.: -0.004 min
Response: 110798026
Conc: 590.82 ug/ml



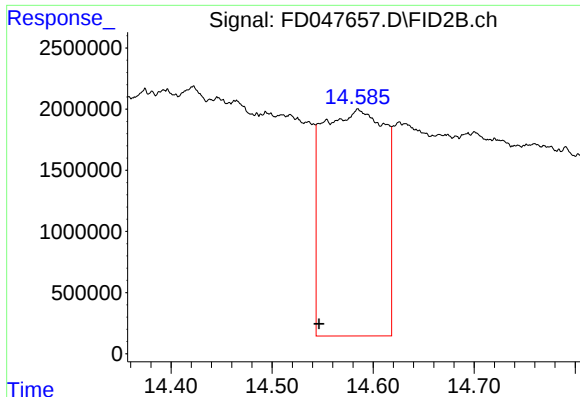
#12 Fluoranthene (C21.85)

R.T.: 12.374 min
Delta R.T.: -0.009 min
Response: 131840964
Conc: 794.54 ug/ml



#13 Pyrene (C20.8)

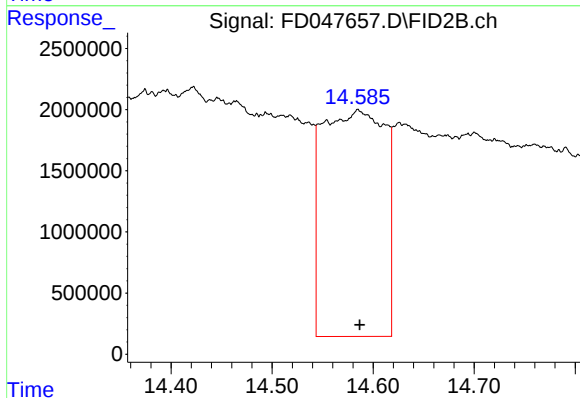
R.T.: 12.693 min
Delta R.T.: 0.015 min
Response: 114041326
Conc: 700.88 ug/ml



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

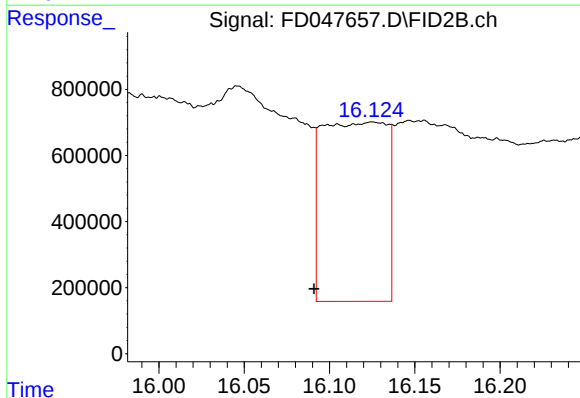
R.T.: 14.585 min
Delta R.T.: 0.039 min
Response: 79277895
Conc: 543.10 ug/ml

Instrument :
FID_D
ClientSampleId :



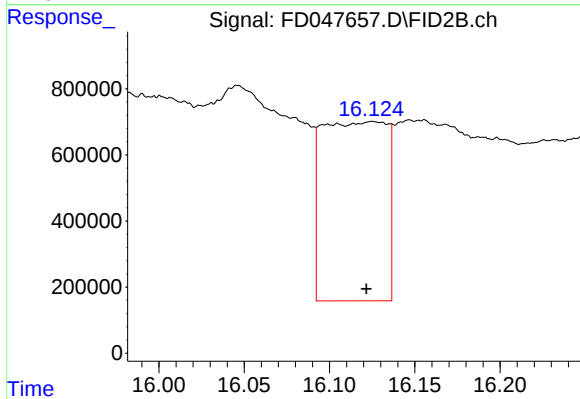
#15 Chrysene (C27.41)

R.T.: 14.585 min
Delta R.T.: -0.001 min
Response: 79277895
Conc: 503.08 ug/ml



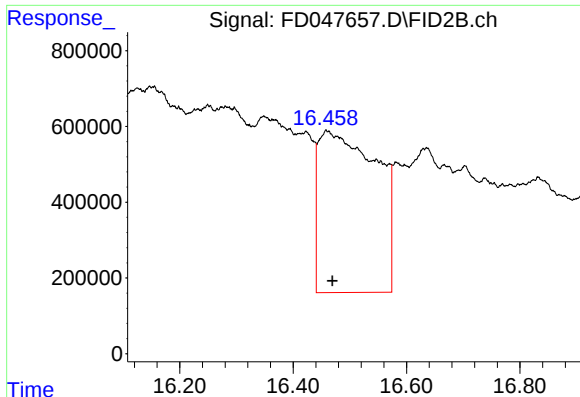
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.126 min
Delta R.T.: 0.035 min
Response: 14214904
Conc: 95.17 ug/ml



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

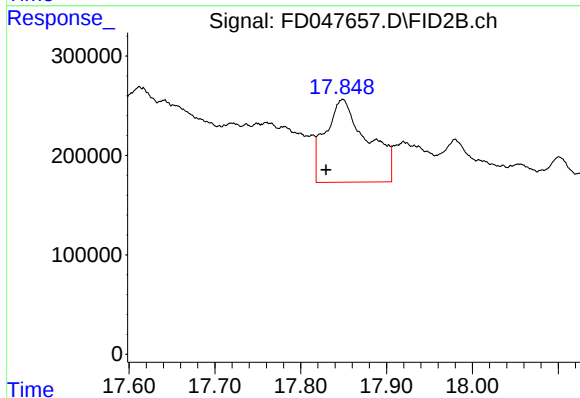
R.T.: 16.126 min
Delta R.T.: 0.004 min
Response: 14214904
Conc: 94.42 ug/ml



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

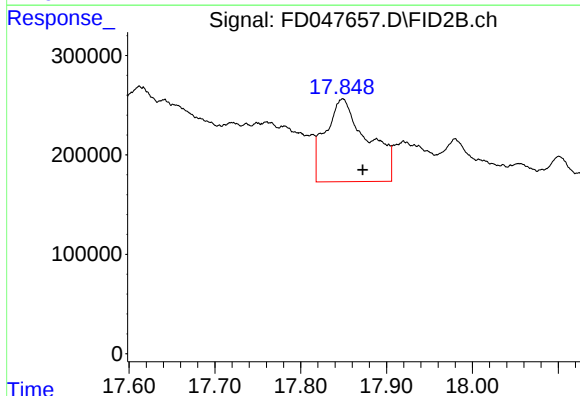
R.T.: 16.460 min
Delta R.T.: -0.009 min
Response: 30287137
Conc: 209.90 ug/ml

Instrument :
FID_D
ClientSampleId :



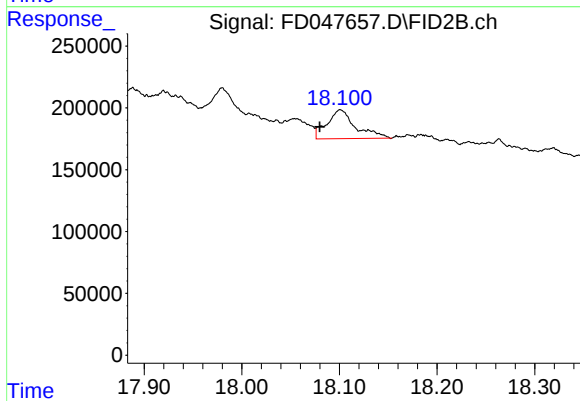
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.849 min
Delta R.T.: 0.019 min
Response: 2828520
Conc: 20.84 ug/ml



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

R.T.: 17.849 min
Delta R.T.: -0.024 min
Response: 2828520
Conc: 19.76 ug/ml



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

R.T.: 18.101 min
Delta R.T.: 0.021 min
Response: 474615
Conc: 3.46 ug/ml