

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082924AR\
 Data File : FD048243.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2024 22:13
 Operator : YP/AJ
 Sample : P3751-01
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 30 02:59:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 16:16:10 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...	7.394	7457469	49.963 ug/ml
Spiked Amount 50.000		Recovery =	99.93%
6) S 2-Fluorobiphenyl (SURR)	8.244	4624253	48.312 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.62%
11) S ortho-Terphenyl (SURR)	11.280	6122682	36.348 ug/ml
Spiked Amount 50.000		Recovery =	72.70%
Target Compounds			
2) T Naphthalene (C11.7)	5.755	29475	0.169 ug/ml
3) T 2-Methylnaphthalene (...)	6.798	40867	0.235 ug/ml
5) T Acenaphthylene (C15.06)	8.028	22562	0.131 ug/ml
7) T Acenaphthene (C15.5)	8.304	132729	0.767 ug/ml
9) T Phenanthrene (C19.36)	10.519	117478	0.734 ug/ml
10) T Anthracene (C19.43)	10.603	96887	0.618 ug/ml
12) T Fluoranthene (C21.85)	12.314	274581	1.725 ug/ml
13) T Pyrene (C20.8)	12.605	479575	3.056 ug/ml
14) T Benzo[a]anthracene (C...	14.476	221401	1.572 ug/ml
15) T Chrysene (C27.41)	14.513	276457	1.734 ug/ml
16) T benzo[b]fluoranthene ...	16.023	236735	1.594 ug/ml
17) T Bnezo[k]fluoranthene ...	16.023	236735	1.596 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.399	102456	0.696 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.763	83849	0.686 ug/ml
20) T Dibenz[a,h]anthracene...	17.833	82999	0.543 ug/ml
21) T Benzo[g,h,i]perylene ...	18.004	398152	2.637 ug/ml

(f)=RT Delta > 1/2 Window

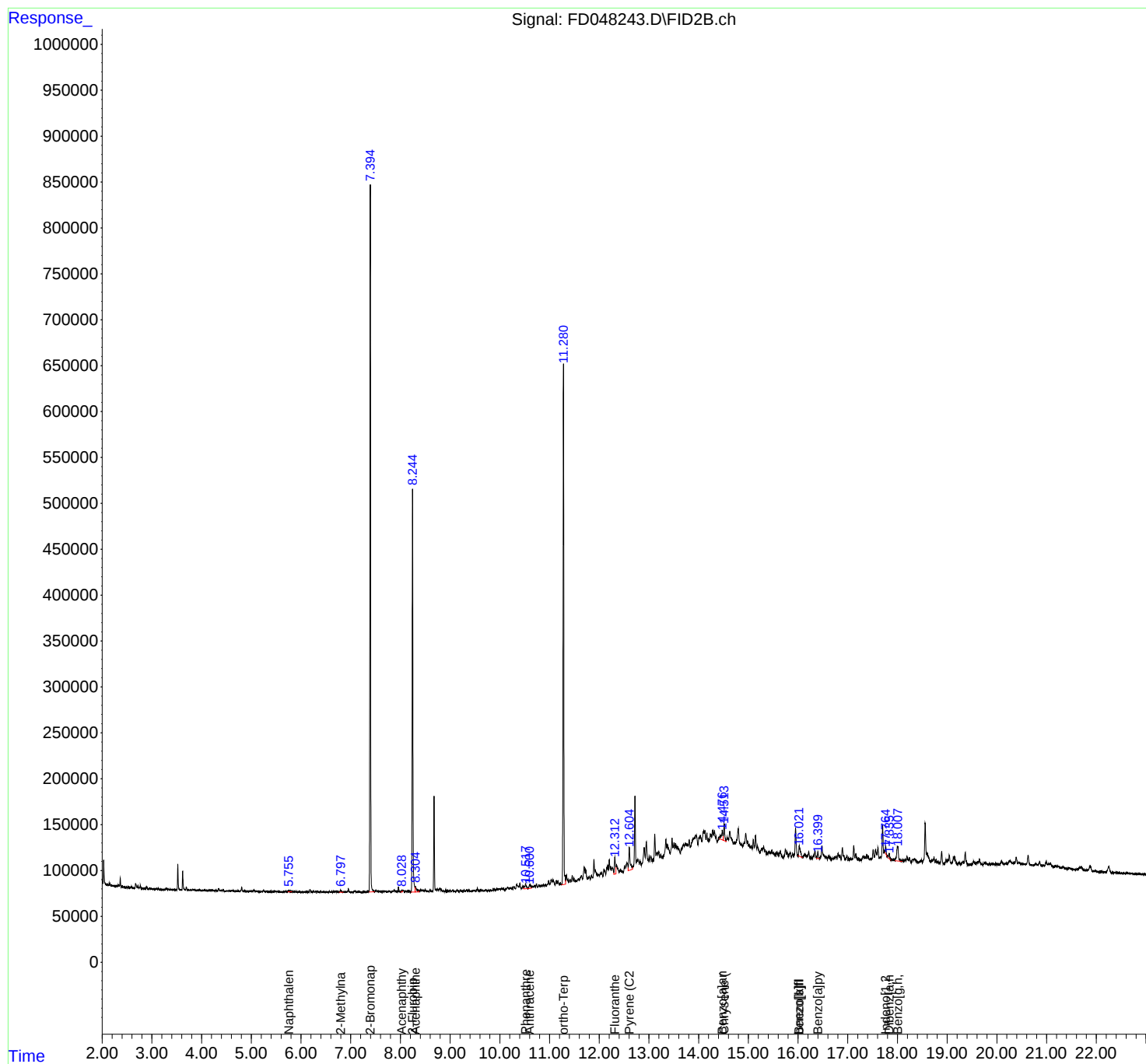
(m)=manual int.

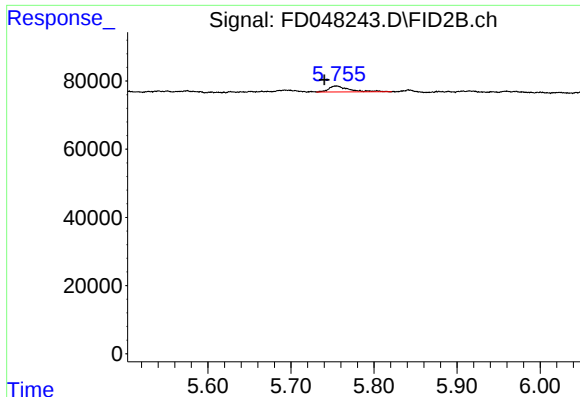
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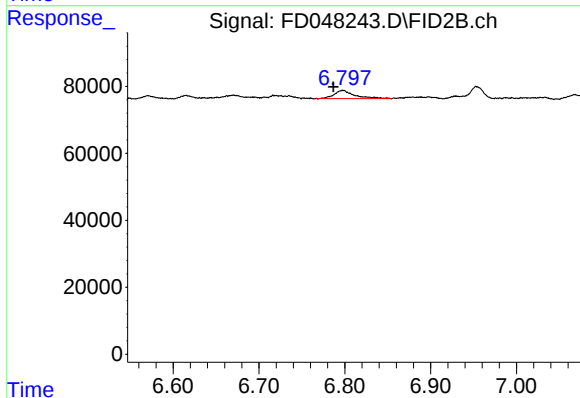




#2 Naphthalene (C11.7)

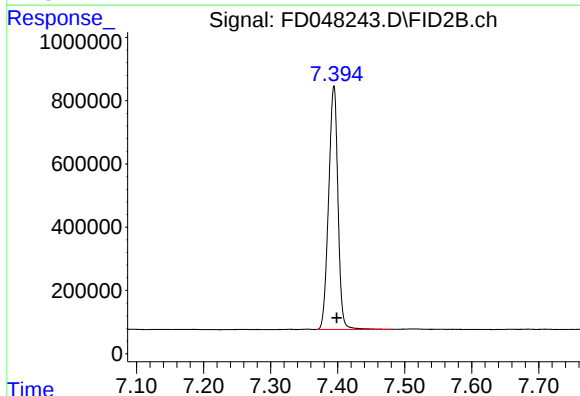
R.T.: 5.755 min
Delta R.T.: 0.014 min
Response: 29475
Conc: 0.17 ug/ml

Instrument :
FID_D
ClientSampleId :



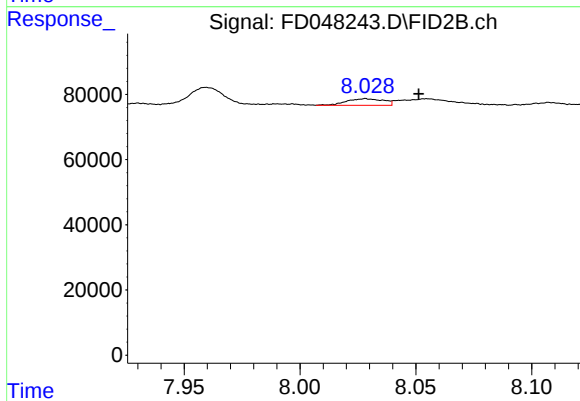
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.798 min
Delta R.T.: 0.011 min
Response: 40867
Conc: 0.23 ug/ml



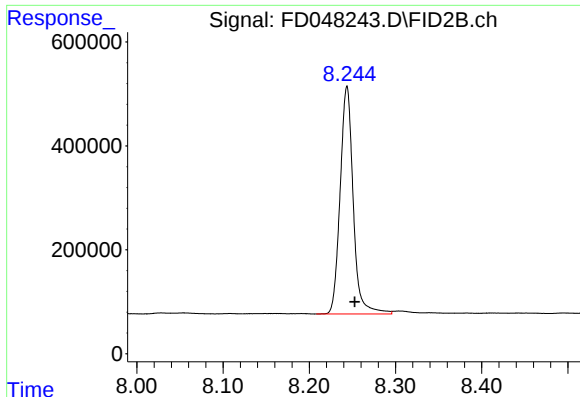
#4 2-Bromonaphthalene (SURR)

R.T.: 7.394 min
Delta R.T.: -0.004 min
Response: 7457469
Conc: 49.96 ug/ml



#5 Acenaphthylene (C15.06)

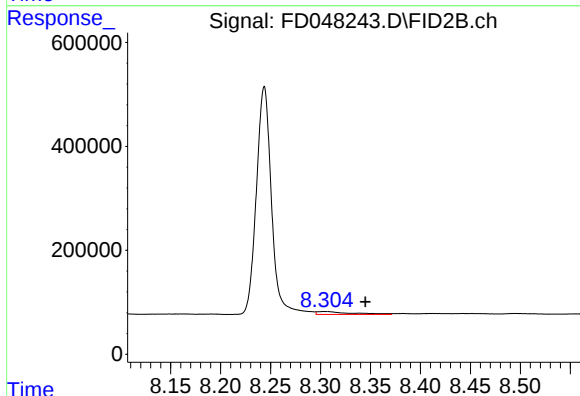
R.T.: 8.028 min
Delta R.T.: -0.023 min
Response: 22562
Conc: 0.13 ug/ml



#6 2-Fluorobiphenyl (SURR)

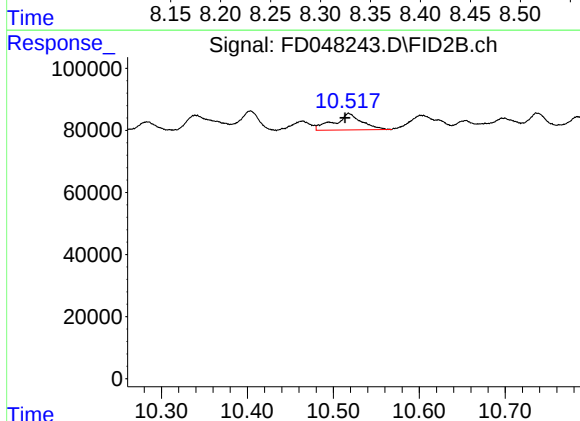
R.T.: 8.244 min
Delta R.T.: -0.009 min
Response: 4624253
Conc: 48.31 ug/ml

Instrument :
FID_D
ClientSampleId :



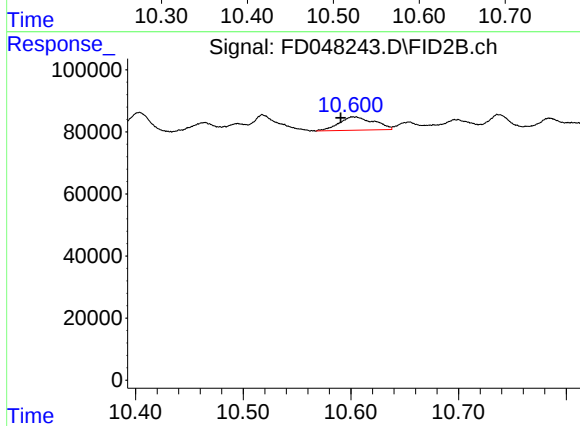
#7 Acenaphthene (C15.5)

R.T.: 8.304 min
Delta R.T.: -0.040 min
Response: 132729
Conc: 0.77 ug/ml



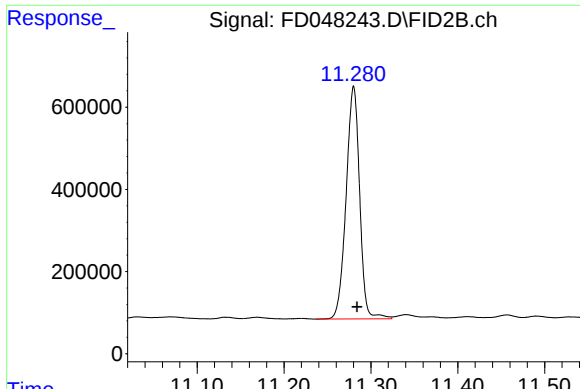
#9 Phenanthrene (C19.36)

R.T.: 10.519 min
Delta R.T.: 0.005 min
Response: 117478
Conc: 0.73 ug/ml



#10 Anthracene (C19.43)

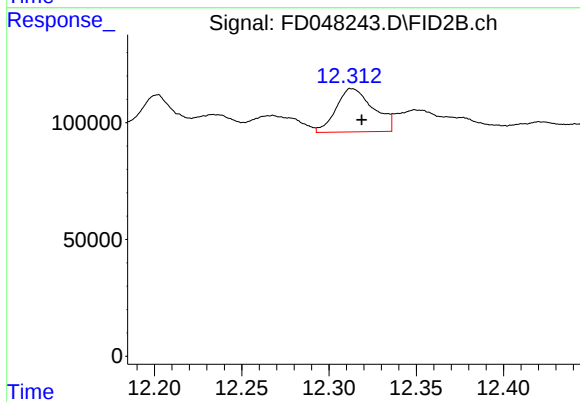
R.T.: 10.603 min
Delta R.T.: 0.012 min
Response: 96887
Conc: 0.62 ug/ml



#11 ortho-Terphenyl (SURR)

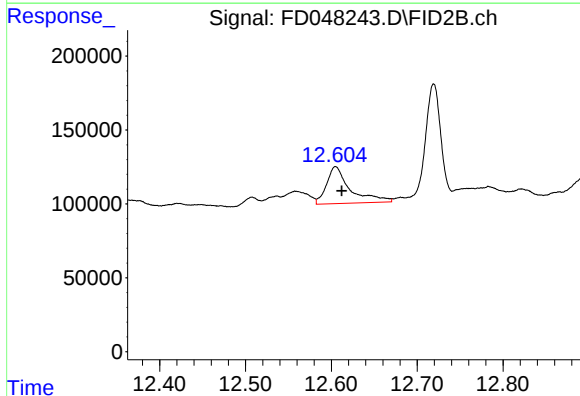
R.T.: 11.280 min
Delta R.T.: -0.004 min
Response: 6122682
Conc: 36.35 ug/ml

Instrument :
FID_D
ClientSampleId :



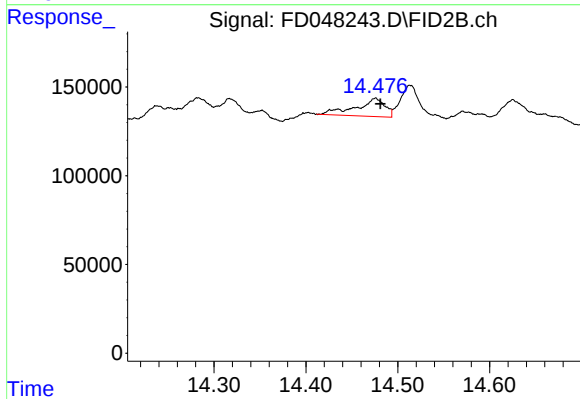
#12 Fluoranthene (C21.85)

R.T.: 12.314 min
Delta R.T.: -0.005 min
Response: 274581
Conc: 1.72 ug/ml



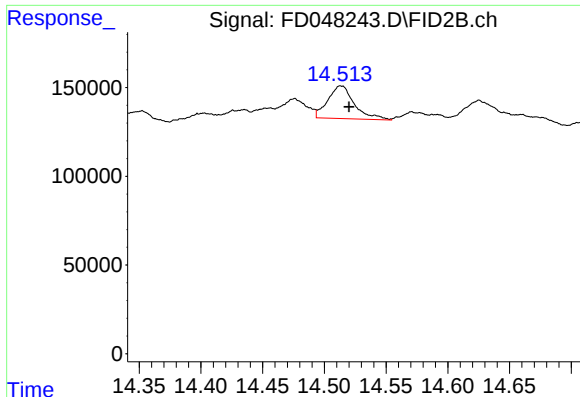
#13 Pyrene (C20.8)

R.T.: 12.605 min
Delta R.T.: -0.007 min
Response: 479575
Conc: 3.06 ug/ml



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

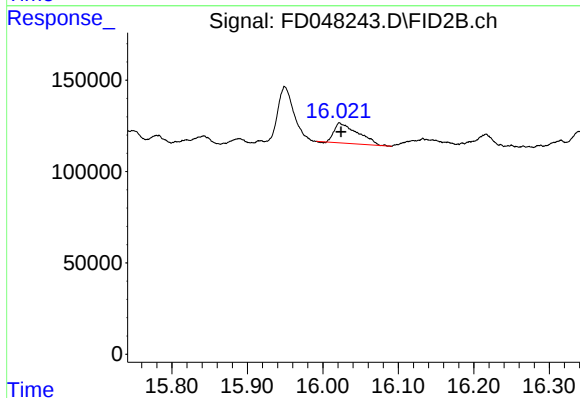
R.T.: 14.476 min
Delta R.T.: -0.005 min
Response: 221401
Conc: 1.57 ug/ml



#15 Chrysene (C27.41)

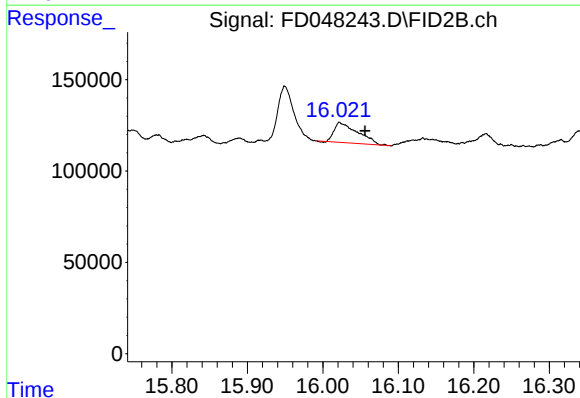
R.T.: 14.513 min
Delta R.T.: -0.007 min
Response: 276457
Conc: 1.73 ug/ml

Instrument :
FID_D
ClientSampleId :



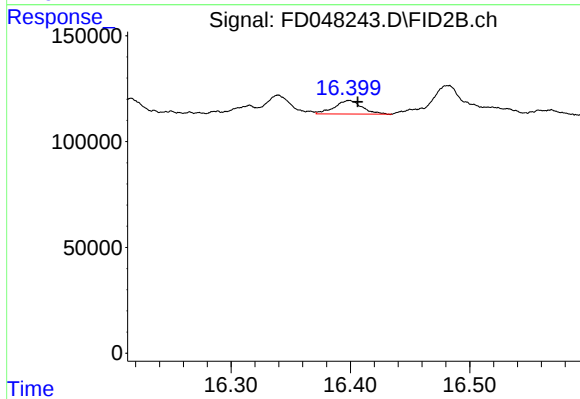
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.023 min
Delta R.T.: 0.000 min
Response: 236735
Conc: 1.59 ug/ml



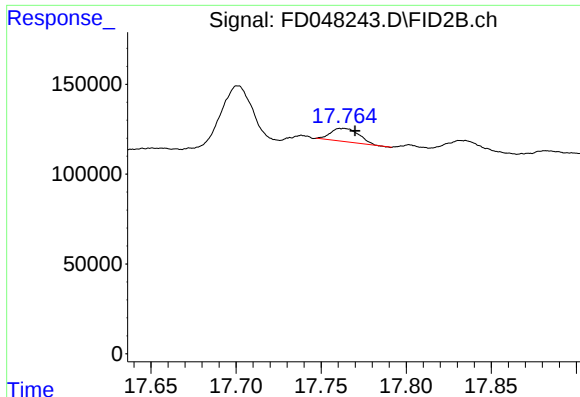
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.023 min
Delta R.T.: -0.033 min
Response: 236735
Conc: 1.60 ug/ml



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

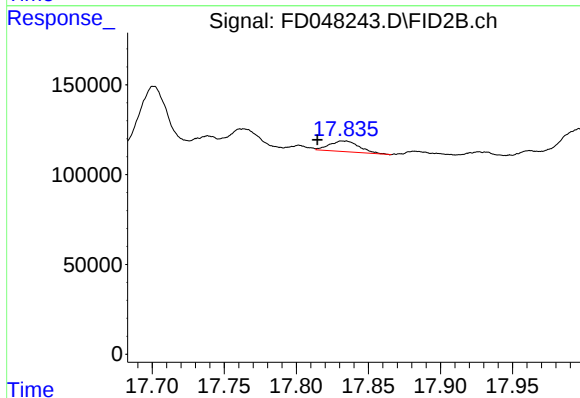
R.T.: 16.399 min
Delta R.T.: -0.007 min
Response: 102456
Conc: 0.70 ug/ml



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

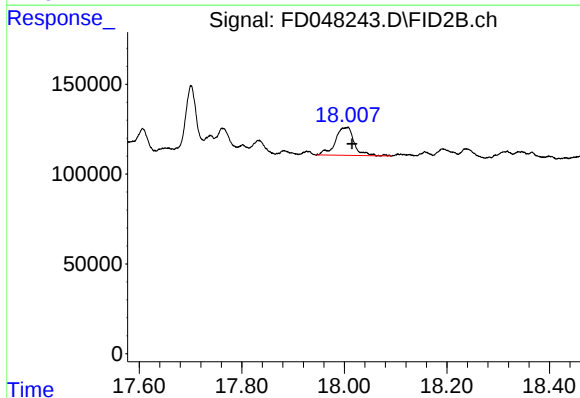
R.T.: 17.763 min
Delta R.T.: -0.007 min
Response: 83849
Conc: 0.69 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.833 min
Delta R.T.: 0.019 min
Response: 82999
Conc: 0.54 ug/ml



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

R.T.: 18.004 min
Delta R.T.: -0.011 min
Response: 398152
Conc: 2.64 ug/ml