

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082924AR\
 Data File : FD048240.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2024 20:18
 Operator : YP/AJ
 Sample : P3732-03D
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 30 02:59:28 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...	7.393	6099670	40.866 ug/ml
Spiked Amount 50.000		Recovery =	81.73%
6) S 2-Fluorobiphenyl (SURR)	8.244	3880093	40.537 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.07%
11) S ortho-Terphenyl (SURR)	11.279	4780143	28.378 ug/ml
Spiked Amount 50.000		Recovery =	56.76%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.795	44839	0.258 ug/ml
5) T Acenaphthylene (C15.06)	8.057	53593	0.311 ug/ml
7) T Acenaphthene (C15.5)	8.342	76881	0.444 ug/ml
8) T Flouorene (C16.55)	9.140	43047	0.261 ug/ml
9) T Phenanthrene (C19.36)	10.514	256936	1.605 ug/ml
10) T Anthracene (C19.43)	10.603	52412	0.334 ug/ml
12) T Fluoranthene (C21.85)	12.311	620135	3.895 ug/ml
13) T Pyrene (C20.8)	12.605	513513	3.272 ug/ml
14) T Benzo[a]anthracene (C...	14.477	180624	1.282 ug/ml
15) T Chrysene (C27.41)	14.515	289031	1.813 ug/ml
16) T benzo[b]fluoranthene ...	16.022	313220	2.110 ug/ml
17) T Bnezo[k]fluoranthene ...	16.056	121284	0.818 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.402	251431	1.707 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.766	232599	1.903 ug/ml
20) T Dibenz[a,h]anthracene...	17.826	84653	0.554 ug/ml
21) T Benzo[g,h,i]perylene ...	18.016	154344	1.022 ug/ml

(f)=RT Delta > 1/2 Window

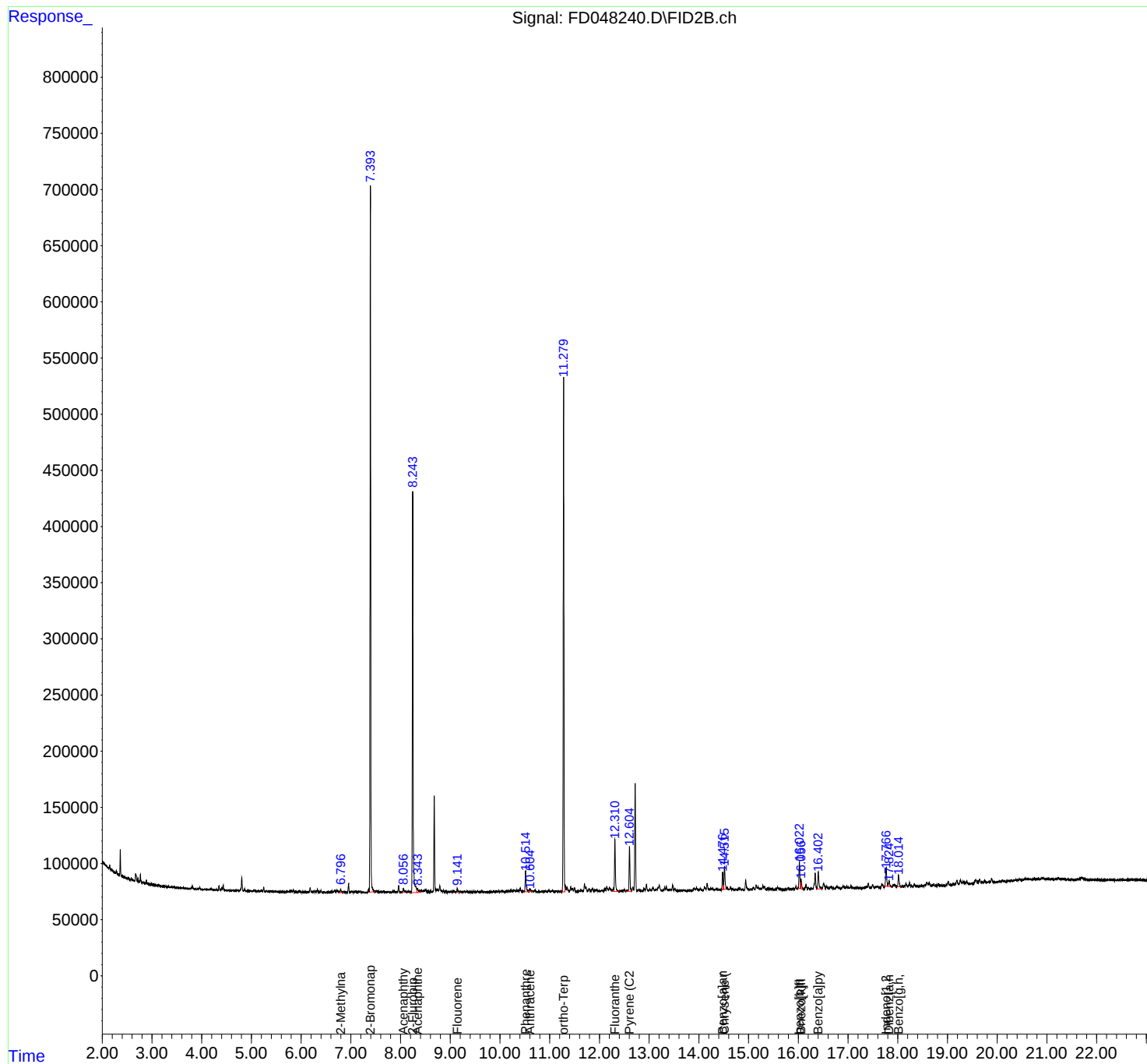
(m)=manual int.

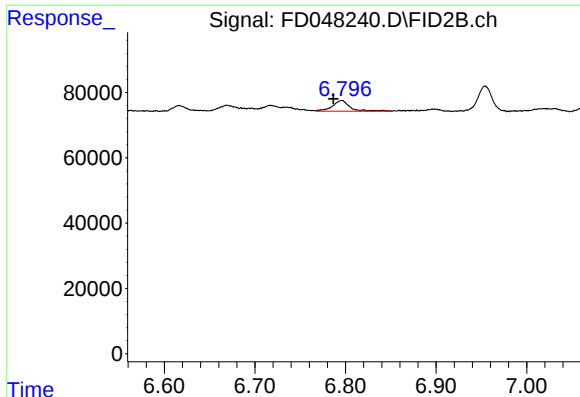
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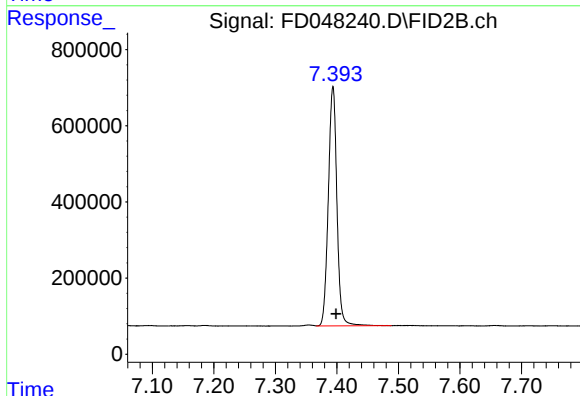




#3 2-Methylnaphthalene (C12.89)

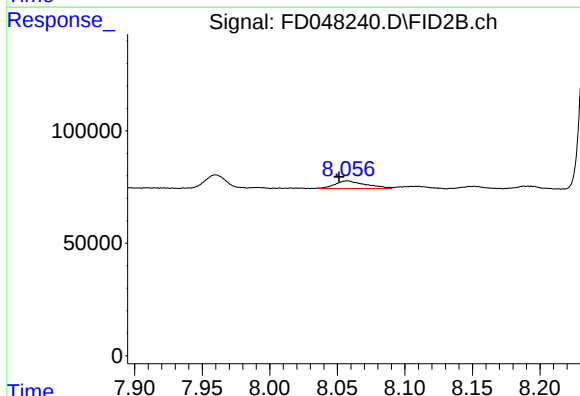
R.T.: 6.795 min
Delta R.T.: 0.009 min
Response: 44839
Conc: 0.26 ug/ml

Instrument :
FID_D
ClientSampleId :



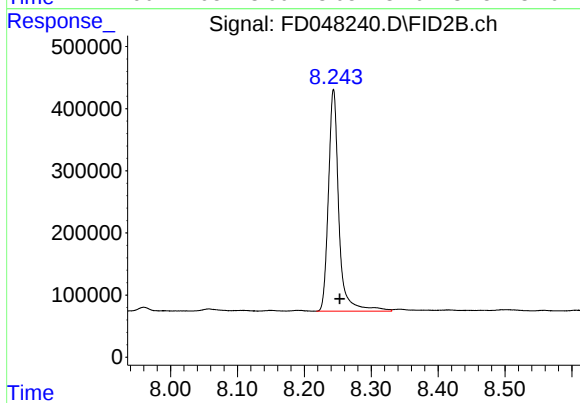
#4 2-Bromonaphthalene (SURR)

R.T.: 7.393 min
Delta R.T.: -0.005 min
Response: 6099670
Conc: 40.87 ug/ml



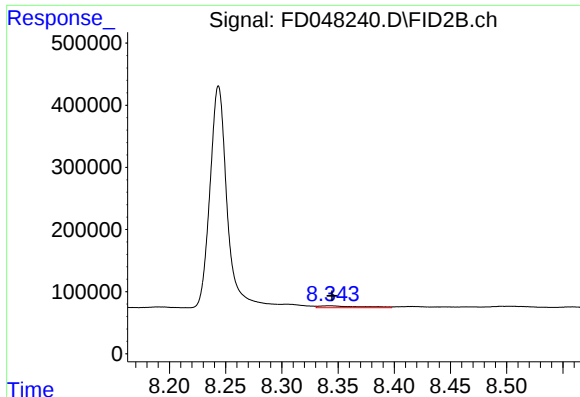
#5 Acenaphthylene (C15.06)

R.T.: 8.057 min
Delta R.T.: 0.006 min
Response: 53593
Conc: 0.31 ug/ml



#6 2-Fluorobiphenyl (SURR)

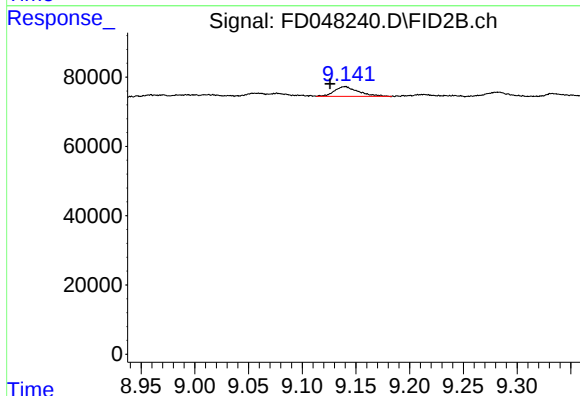
R.T.: 8.244 min
Delta R.T.: -0.009 min
Response: 3880093
Conc: 40.54 ug/ml



#7 Acenaphthene (C15.5)

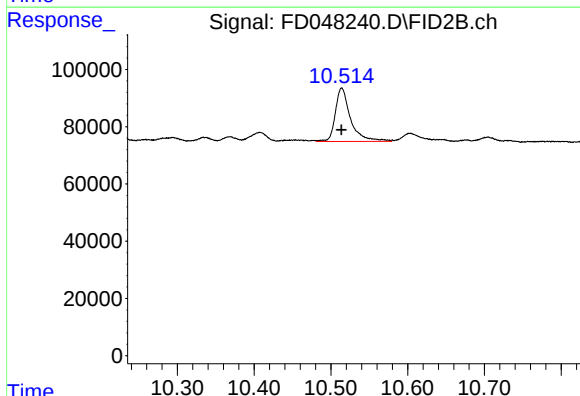
R.T.: 8.342 min
Delta R.T.: -0.002 min
Response: 76881
Conc: 0.44 ug/ml

Instrument :
FID_D
ClientSampleId :



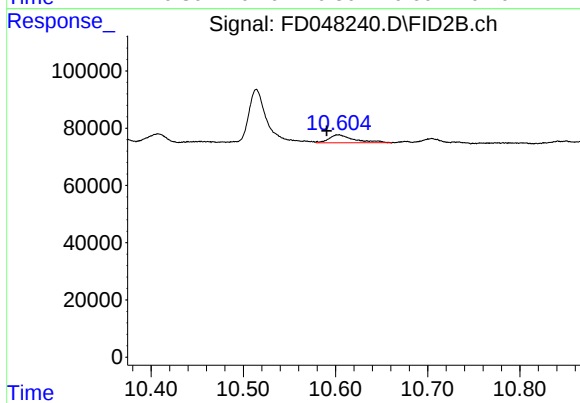
#8 Flouorene (C16.55)

R.T.: 9.140 min
Delta R.T.: 0.014 min
Response: 43047
Conc: 0.26 ug/ml



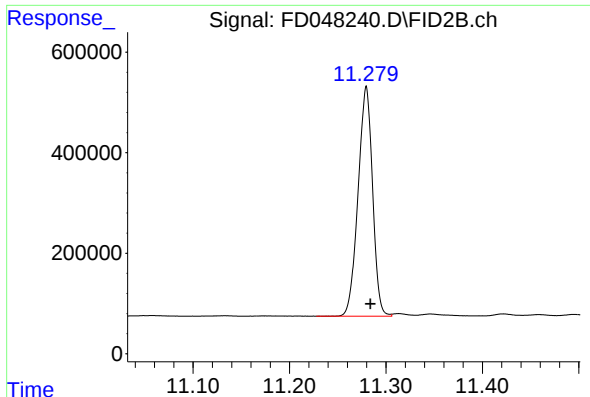
#9 Phenanthrene (C19.36)

R.T.: 10.514 min
Delta R.T.: 0.000 min
Response: 256936
Conc: 1.61 ug/ml



#10 Anthracene (C19.43)

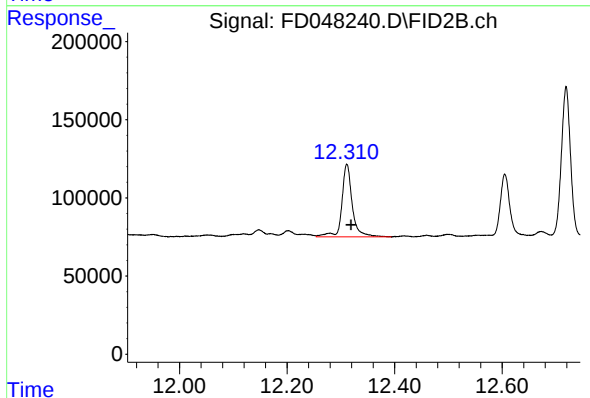
R.T.: 10.603 min
Delta R.T.: 0.013 min
Response: 52412
Conc: 0.33 ug/ml



#11 ortho-Terphenyl (SURR)

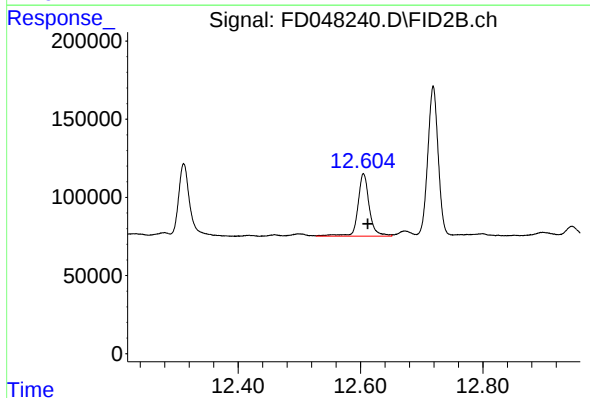
R.T.: 11.279 min
Delta R.T.: -0.005 min
Response: 4780143
Conc: 28.38 ug/ml

Instrument :
FID_D
ClientSampleId :



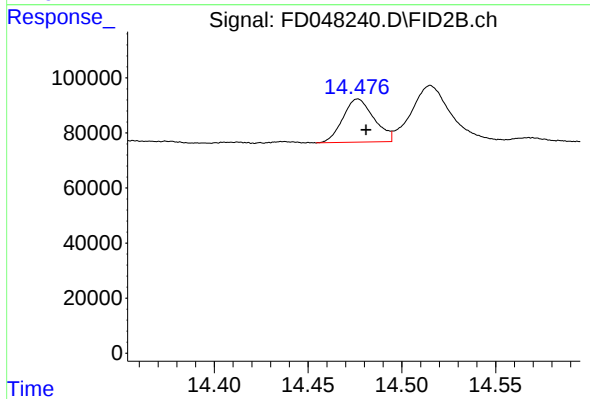
#12 Fluoranthene (C21.85)

R.T.: 12.311 min
Delta R.T.: -0.008 min
Response: 620135
Conc: 3.89 ug/ml



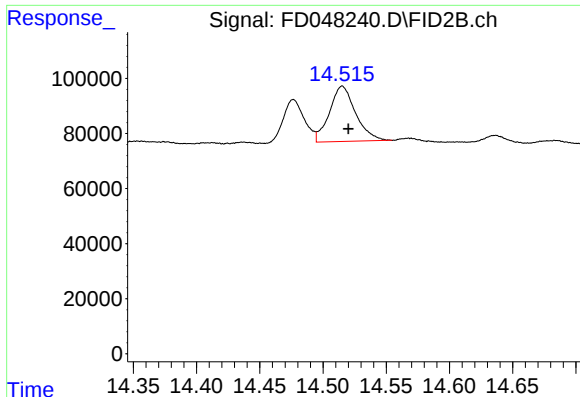
#13 Pyrene (C20.8)

R.T.: 12.605 min
Delta R.T.: -0.007 min
Response: 513513
Conc: 3.27 ug/ml



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

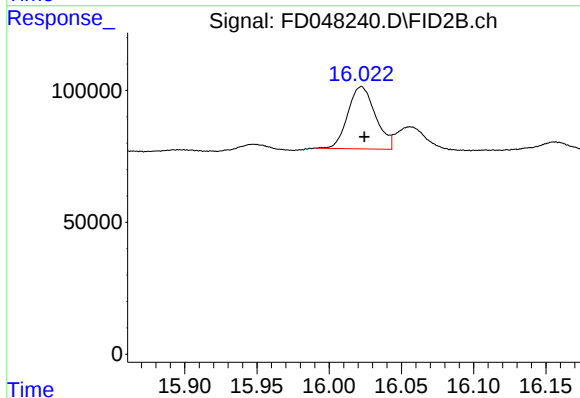
R.T.: 14.477 min
Delta R.T.: -0.004 min
Response: 180624
Conc: 1.28 ug/ml



#15 Chrysene (C27.41)

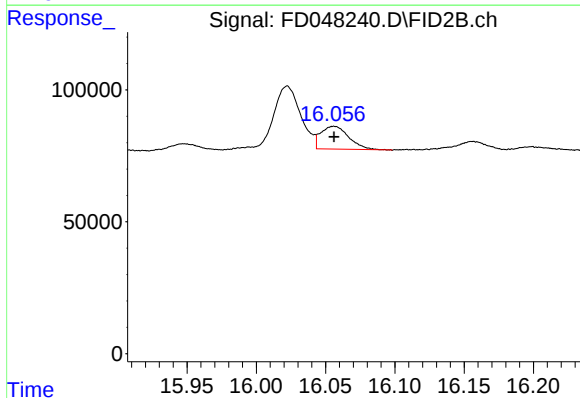
R.T.: 14.515 min
Delta R.T.: -0.005 min
Response: 289031
Conc: 1.81 ug/ml

Instrument :
FID_D
ClientSampleId :



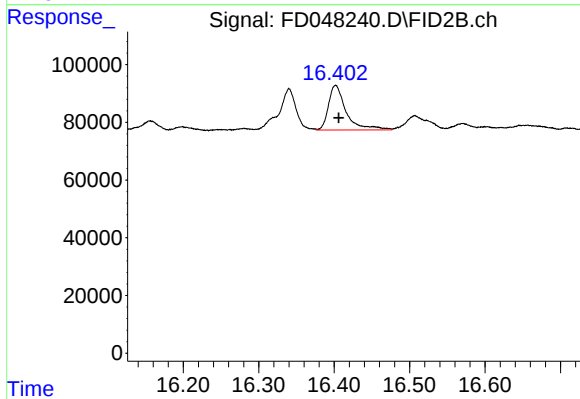
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.022 min
Delta R.T.: -0.002 min
Response: 313220
Conc: 2.11 ug/ml



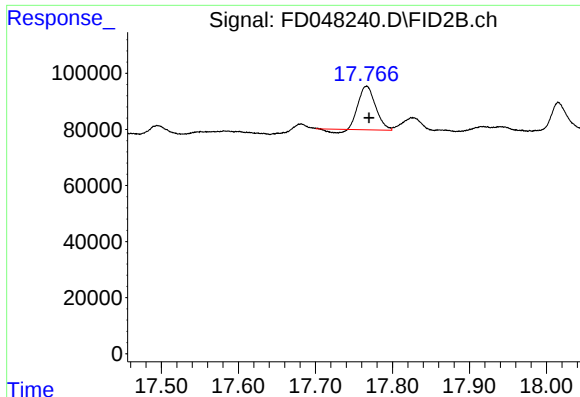
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.056 min
Delta R.T.: 0.000 min
Response: 121284
Conc: 0.82 ug/ml



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

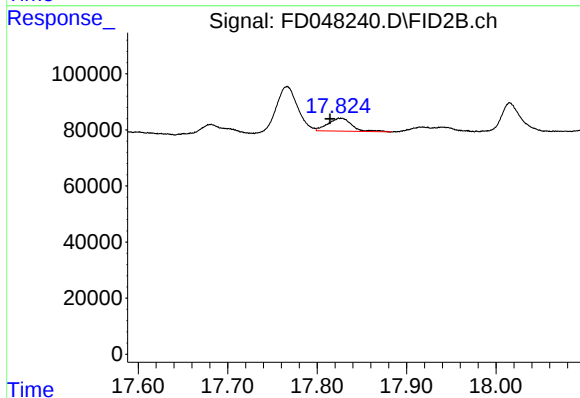
R.T.: 16.402 min
Delta R.T.: -0.004 min
Response: 251431
Conc: 1.71 ug/ml



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

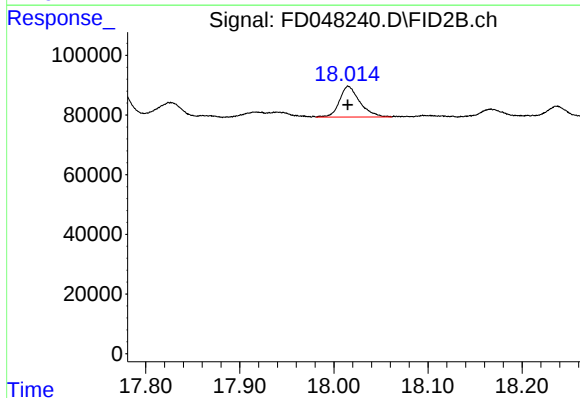
R.T.: 17.766 min
Delta R.T.: -0.004 min
Response: 232599
Conc: 1.90 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.826 min
Delta R.T.: 0.012 min
Response: 84653
Conc: 0.55 ug/ml



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

R.T.: 18.016 min
Delta R.T.: 0.000 min
Response: 154344
Conc: 1.02 ug/ml