

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083022AR\
 Data File : FD043770.D
 Signal(s) : FID2B.ch
 Acq On : 30 Aug 2022 21:34
 Operator : YP/AJ
 Sample : N4421-04
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 31 03:55:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 11:00:10 2022
 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...	7.448	9046538	52.358 ug/ml
Spiked Amount 50.000		Recovery =	104.72%
6) S 2-Fluorobiphenyl (SURR)	8.304	5338954	53.075 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.15%
11) S ortho-Terphenyl (SURR)	11.344	5752515	27.496 ug/ml
Spiked Amount 50.000		Recovery =	54.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.266	322994	1.622 ug/ml
2) T Naphthalene (C11.7)	5.821	770196	3.832 ug/ml
3) T 2-Methylnaphthalene (...)	6.841	1992609	11.040 ug/ml
5) T Acenaphthylene (C15.06)	8.141	946115	4.733 ug/ml
7) T Acenaphthene (C15.5)	8.409	1441615	6.706 ug/ml
8) T Flouorene (C16.55)	9.180	1863107	9.718 ug/ml
9) T Phenanthrene (C19.36)	10.580	2570276	14.293 ug/ml
10) T Anthracene (C19.43)	10.658	1833839	9.428 ug/ml
12) T Fluoranthene (C21.85)	12.340	1723388	9.450 ug/ml
13) T Pyrene (C20.8)	12.687	4111298	22.025 ug/ml
14) T Benzo[a]anthracene (C...	14.568	888560	6.210 ug/ml
15) T Chrysene (C27.41)	14.608	3219594	16.681 ug/ml
16) T benzo[b]fluoranthene ...	16.124	471818	3.270 ug/ml
17) T Bnezo[k]fluoranthene ...	16.124	471818	2.743 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.506	1246753	8.586 ug/ml
21) T Benzo[g,h,i]perylene ...	18.121	1438694	11.301 ug/ml

(f)=RT Delta > 1/2 Window

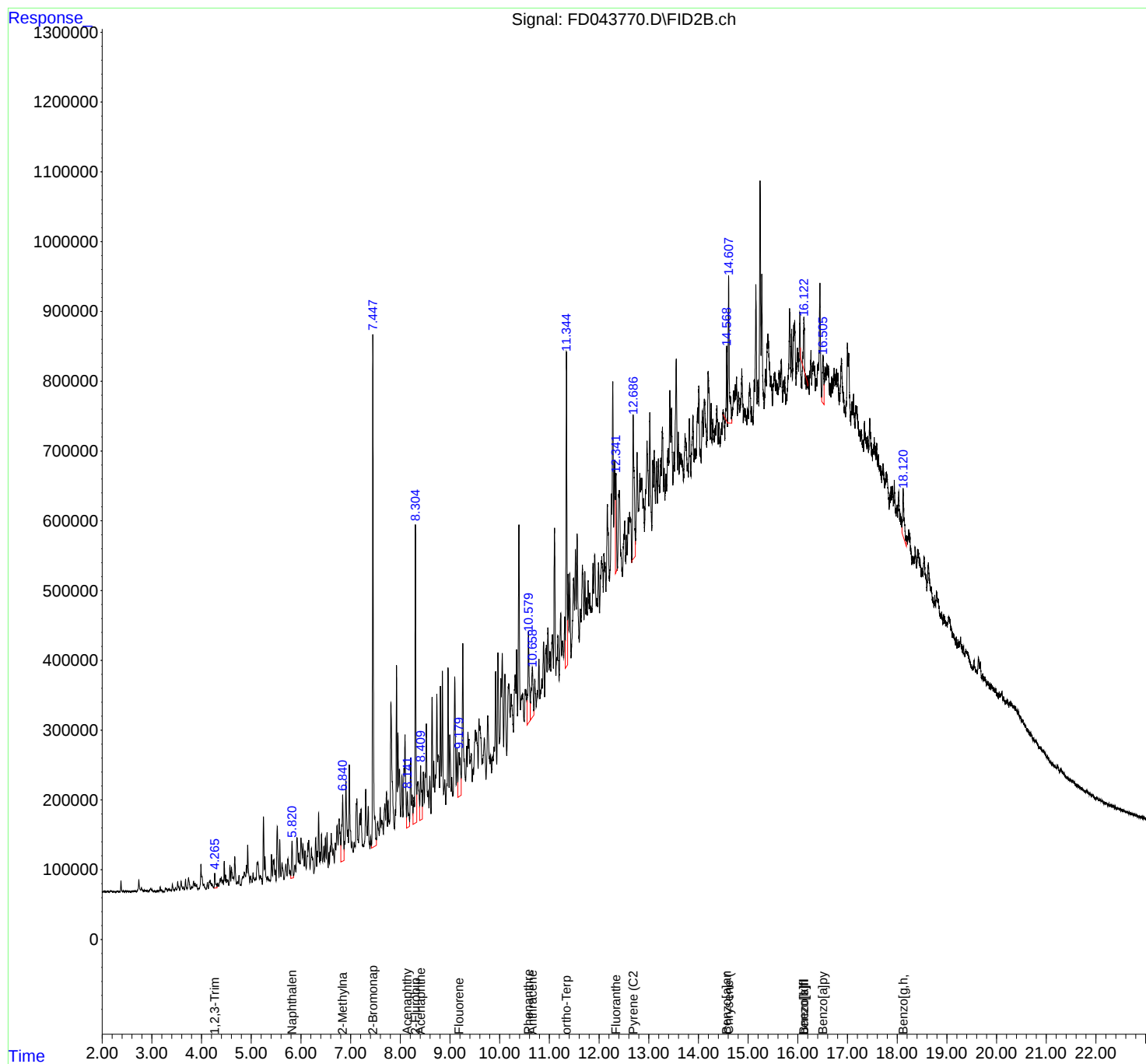
(m)=manual int.

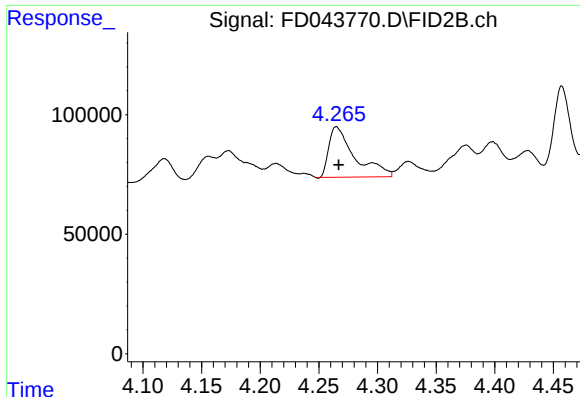
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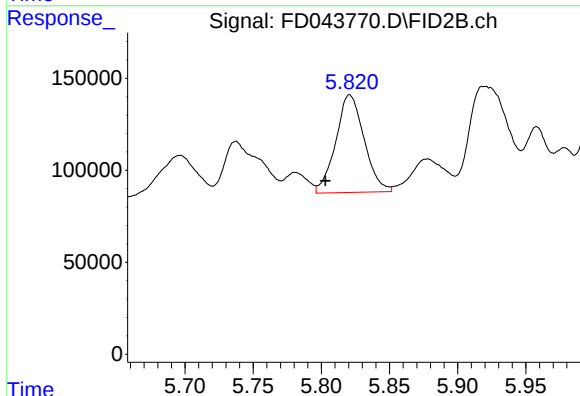




#1 1,2,3-Trimethylbenzene (C10.1)

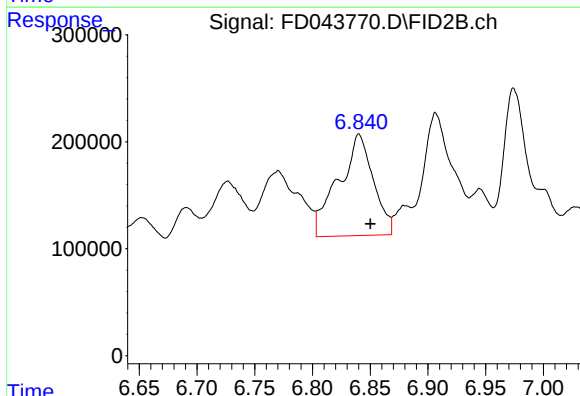
R.T.: 4.266 min
Delta R.T.: -0.001 min
Response: 322994
Conc: 1.62 ug/ml

Instrument :
FID_D
ClientSampleId :



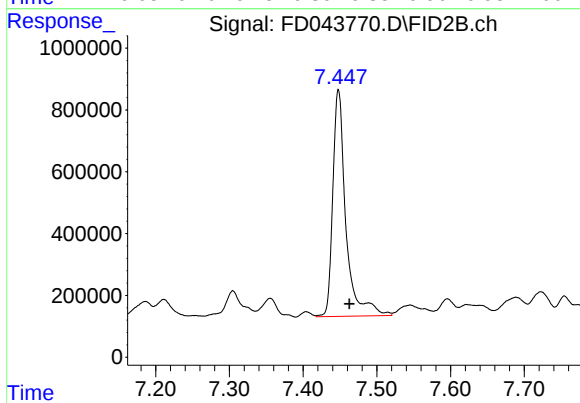
#2 Naphthalene (C11.7)

R.T.: 5.821 min
Delta R.T.: 0.018 min
Response: 770196
Conc: 3.83 ug/ml



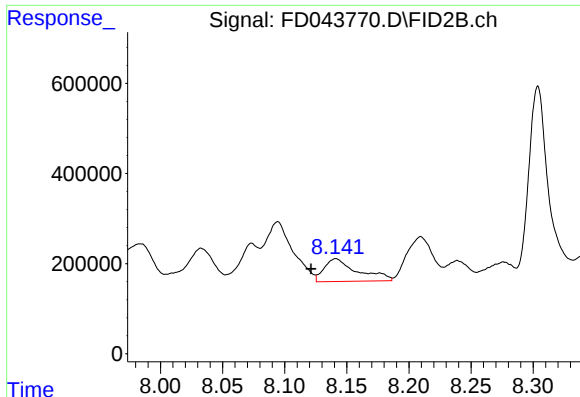
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.841 min
Delta R.T.: -0.010 min
Response: 1992609
Conc: 11.04 ug/ml



#4 2-Bromonaphthalene (SURR)

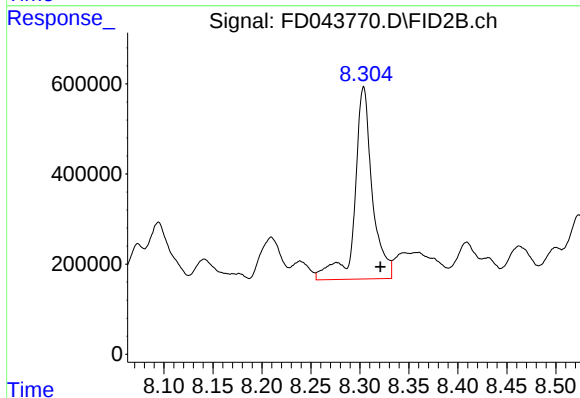
R.T.: 7.448 min
Delta R.T.: -0.015 min
Response: 9046538
Conc: 52.36 ug/ml



#5 Acenaphthylene (C15.06)

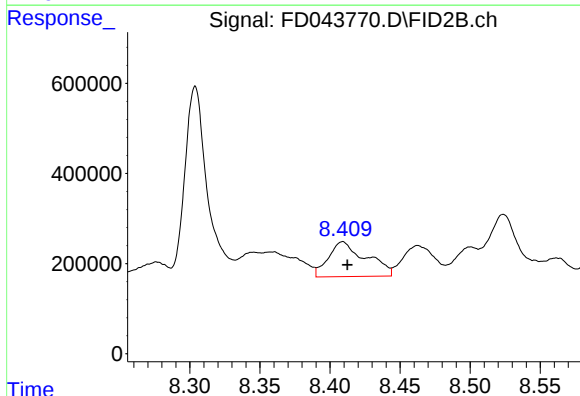
R.T.: 8.141 min
Delta R.T.: 0.020 min
Response: 946115
Conc: 4.73 ug/ml

Instrument :
FID_D
ClientSampleId :



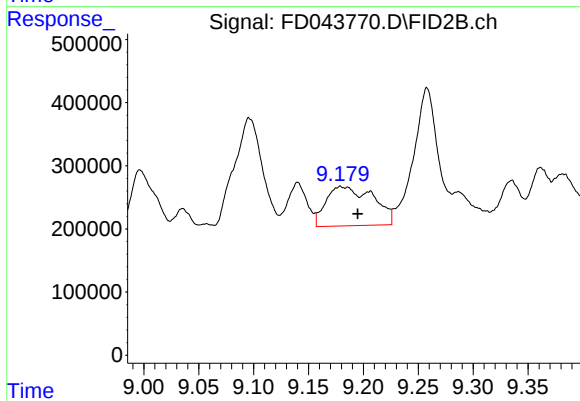
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.304 min
Delta R.T.: -0.017 min
Response: 5338954
Conc: 53.07 ug/ml



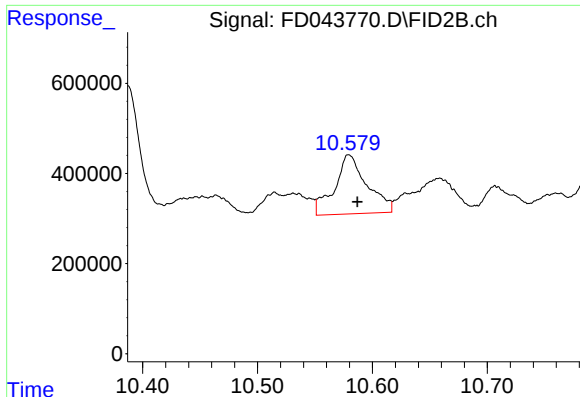
#7 Acenaphthene (C15.5)

R.T.: 8.409 min
Delta R.T.: -0.003 min
Response: 1441615
Conc: 6.71 ug/ml



#8 Flouorene (C16.55)

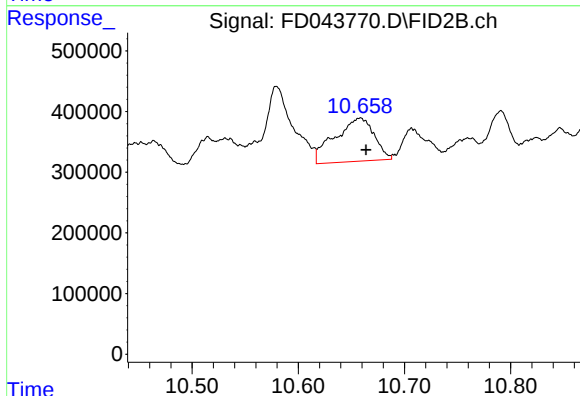
R.T.: 9.180 min
Delta R.T.: -0.015 min
Response: 1863107
Conc: 9.72 ug/ml



#9 Phenanthrene (C19.36)

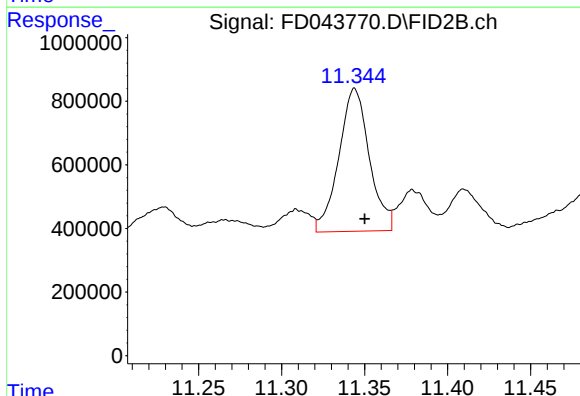
R.T.: 10.580 min
Delta R.T.: -0.007 min
Response: 2570276
Conc: 14.29 ug/ml

Instrument :
FID_D
ClientSampleId :



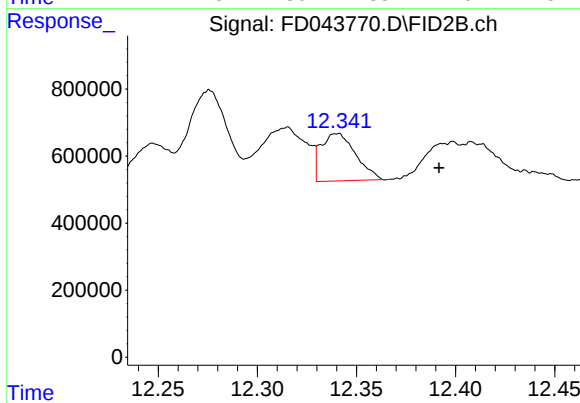
#10 Anthracene (C19.43)

R.T.: 10.658 min
Delta R.T.: -0.006 min
Response: 1833839
Conc: 9.43 ug/ml



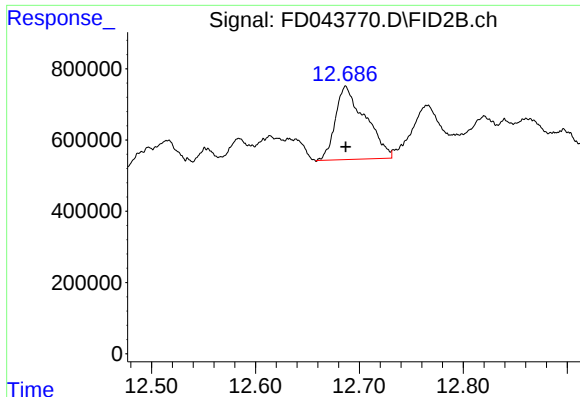
#11 ortho-Terphenyl (SURR)

R.T.: 11.344 min
Delta R.T.: -0.006 min
Response: 5752515
Conc: 27.50 ug/ml



#12 Fluoranthene (C21.85)

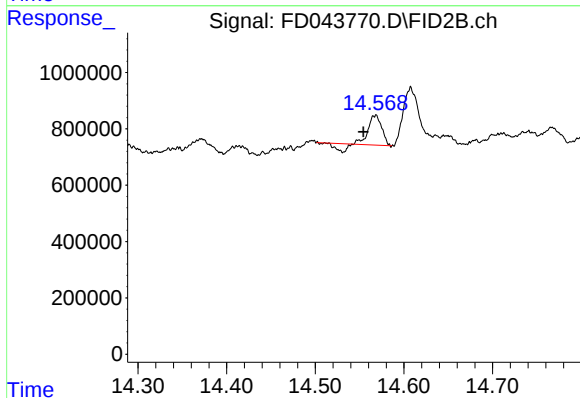
R.T.: 12.340 min
Delta R.T.: -0.051 min
Response: 1723388
Conc: 9.45 ug/ml



#13 Pyrene (C20.8)

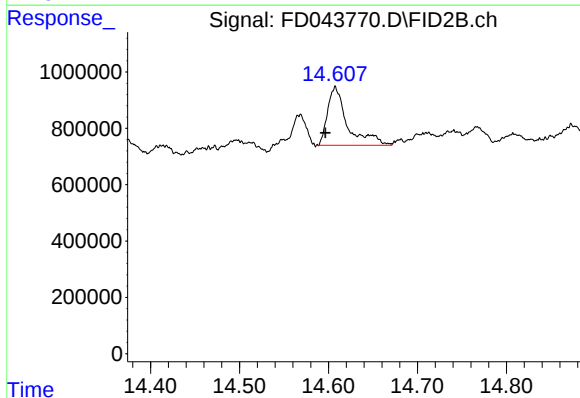
R.T.: 12.687 min
Delta R.T.: 0.000 min
Response: 4111298
Conc: 22.03 ug/ml

Instrument :
FID_D
ClientSampleId :



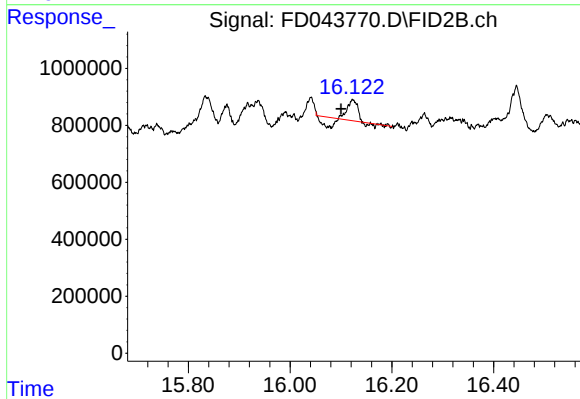
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.568 min
Delta R.T.: 0.013 min
Response: 888560
Conc: 6.21 ug/ml



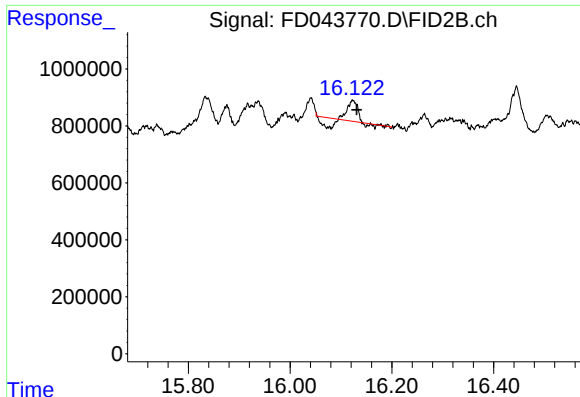
#15 Chrysene (C27.41)

R.T.: 14.608 min
Delta R.T.: 0.011 min
Response: 3219594
Conc: 16.68 ug/ml



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

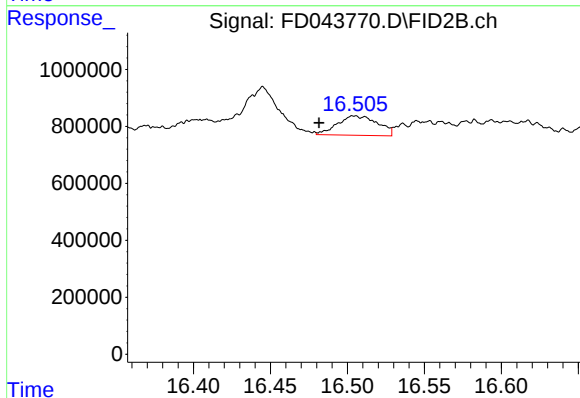
R.T.: 16.124 min
Delta R.T.: 0.023 min
Response: 471818
Conc: 3.27 ug/ml



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

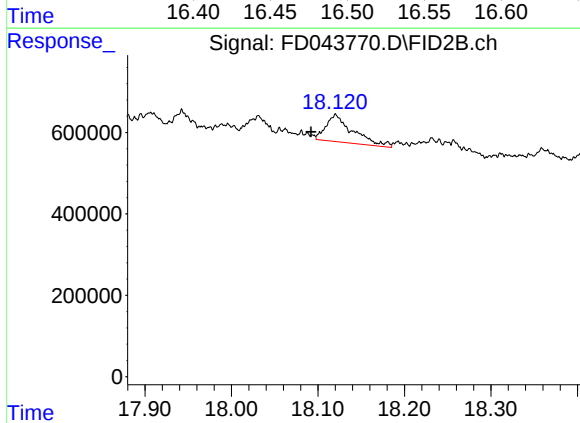
R.T.: 16.124 min
Delta R.T.: -0.007 min
Response: 471818
Conc: 2.74 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 16.506 min
Delta R.T.: 0.024 min
Response: 1246753
Conc: 8.59 ug/ml



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

R.T.: 18.121 min
Delta R.T.: 0.029 min
Response: 1438694
Conc: 11.30 ug/ml