

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070622AR\
 Data File : FD043176.D
 Signal(s) : FID2B.ch
 Acq On : 06 Jul 2022 14:37
 Operator : YP/AJ
 Sample : N3564-29
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 07 01:55:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 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...	7.631	6435321	41.677 ug/ml
Spiked Amount 50.000		Recovery =	83.35%
6) S 2-Fluorobiphenyl (SURR)	8.497	3881295	36.798 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	73.60%
11) S ortho-Terphenyl (SURR)	11.546	5106085	28.094 ug/ml
Spiked Amount 50.000		Recovery =	56.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.452	69714	0.415 ug/ml
2) T Naphthalene (C11.7)	5.966	136657	0.781 ug/ml
3) T 2-Methylnaphthalene (...)	7.019	659778	4.102 ug/ml
5) T Acenaphthylene (C15.06)	8.283	1853218	10.426 ug/ml
7) T Acenaphthene (C15.5)	8.606	547503	3.127 ug/ml
8) T Flouorene (C16.55)	9.376	625198	3.607 ug/ml
9) T Phenanthrene (C19.36)	10.776	2682489	15.640 ug/ml
10) T Anthracene (C19.43)	10.853	1328763	7.821 ug/ml
12) T Fluoranthene (C21.85)	12.599	2025059	12.074 ug/ml
13) T Pyrene (C20.8)	12.895	834178	5.119 ug/ml
14) T Benzo[a]anthracene (C...	14.775	10592009	68.204 ug/ml
15) T Chrysene (C27.41)	14.821	8088272	51.247 ug/ml
16) T benzo[b]fluoranthene ...	16.331	8185853	53.700 ug/ml
17) T Bnezo[k]fluoranthene ...	16.331	8185853	55.929 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.707	3450583	24.124 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.067	394589	3.153 ug/ml
20) T Dibenz[a,h]anthracene...	18.106	1112590	8.276 ug/ml
21) T Benzo[g,h,i]perylene ...	18.326	1863783	14.290 ug/ml

(f)=RT Delta > 1/2 Window

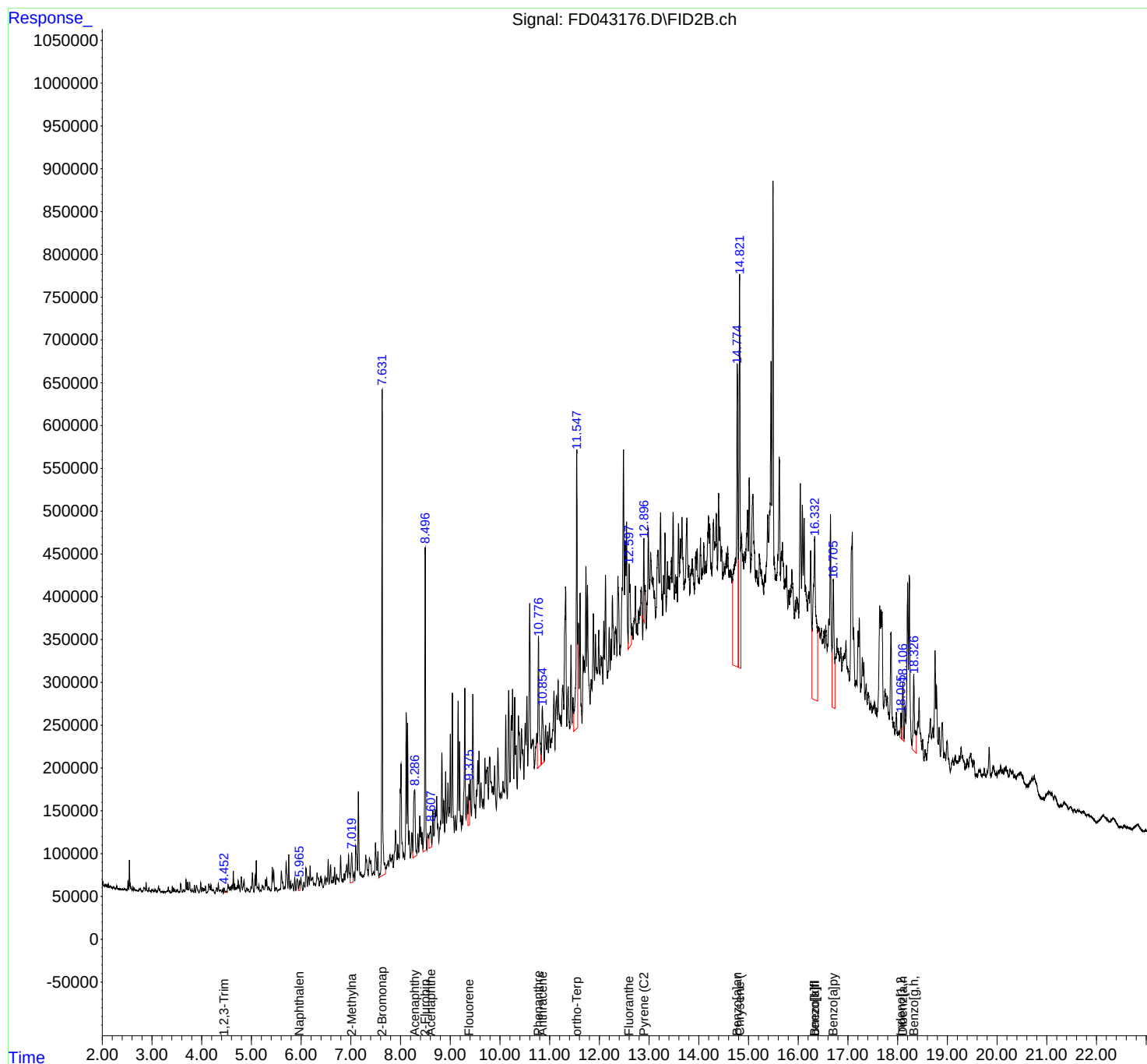
(m)=manual int.

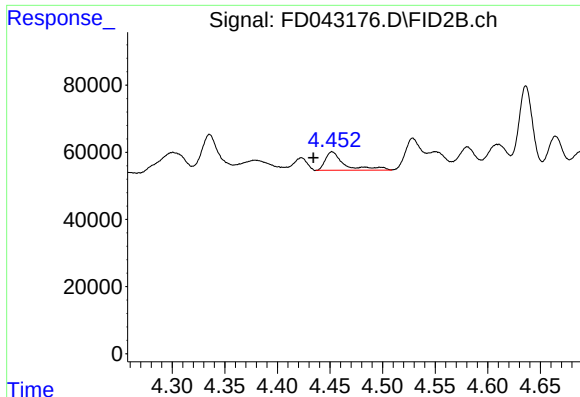
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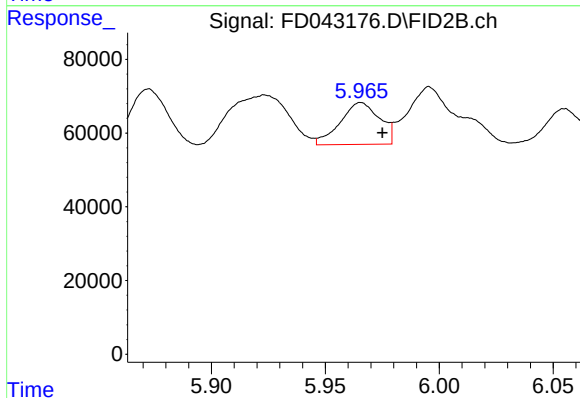




#1 1,2,3-Trimethylbenzene (C10.1)

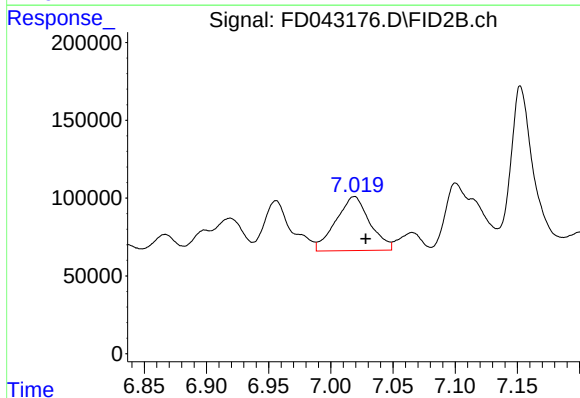
R.T.: 4.452 min
Delta R.T.: 0.018 min
Response: 69714
Conc: 0.42 ug/ml

Instrument :
FID_D
ClientSampleId :



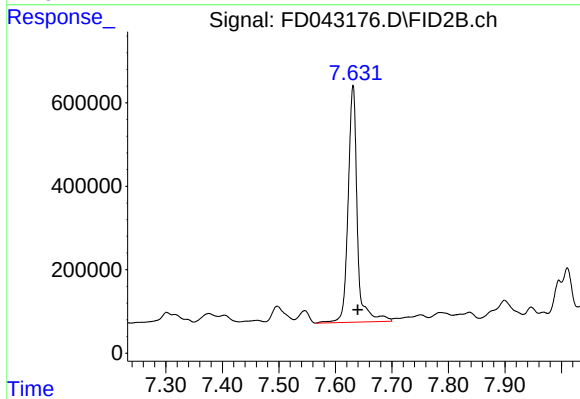
#2 Naphthalene (C11.7)

R.T.: 5.966 min
Delta R.T.: -0.009 min
Response: 136657
Conc: 0.78 ug/ml



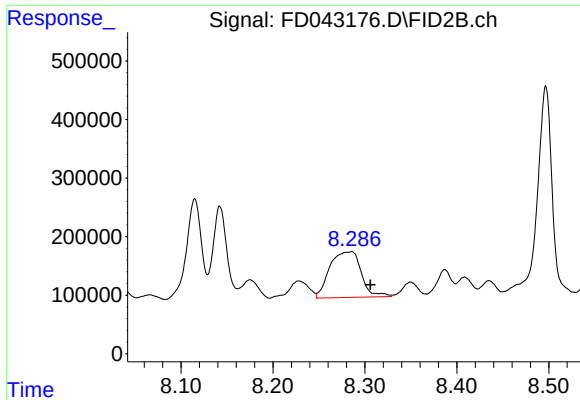
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.019 min
Delta R.T.: -0.009 min
Response: 659778
Conc: 4.10 ug/ml



#4 2-Bromonaphthalene (SURR)

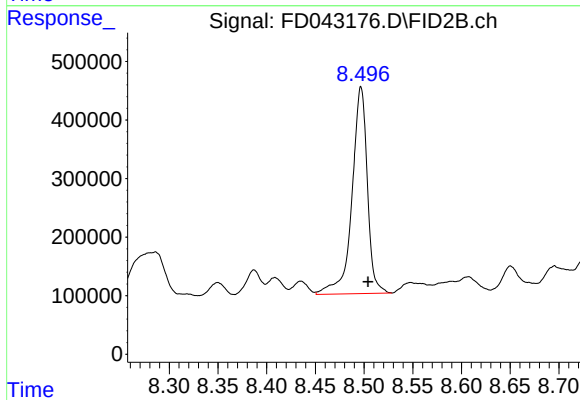
R.T.: 7.631 min
Delta R.T.: -0.009 min
Response: 6435321
Conc: 41.68 ug/ml



#5 Acenaphthylene (C15.06)

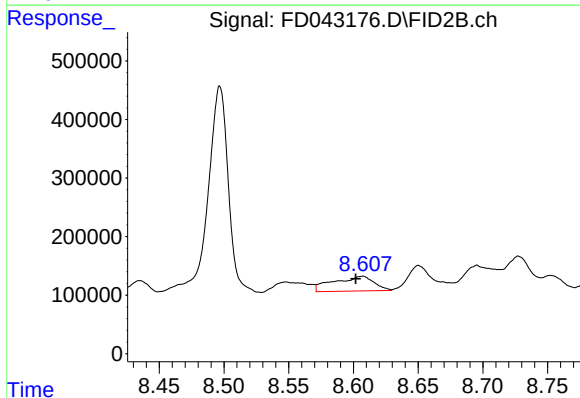
R.T.: 8.283 min
Delta R.T.: -0.023 min
Response: 1853218
Conc: 10.43 ug/ml

Instrument :
FID_D
ClientSampleId :



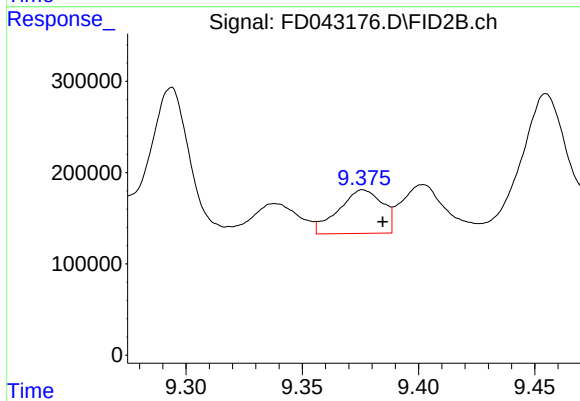
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.497 min
Delta R.T.: -0.007 min
Response: 3881295
Conc: 36.80 ug/ml



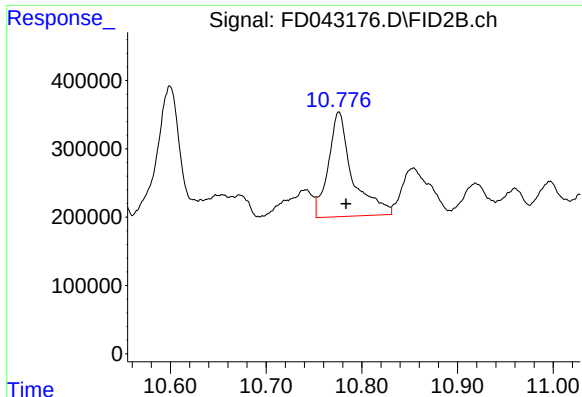
#7 Acenaphthene (C15.5)

R.T.: 8.606 min
Delta R.T.: 0.005 min
Response: 547503
Conc: 3.13 ug/ml



#8 Fluorene (C16.55)

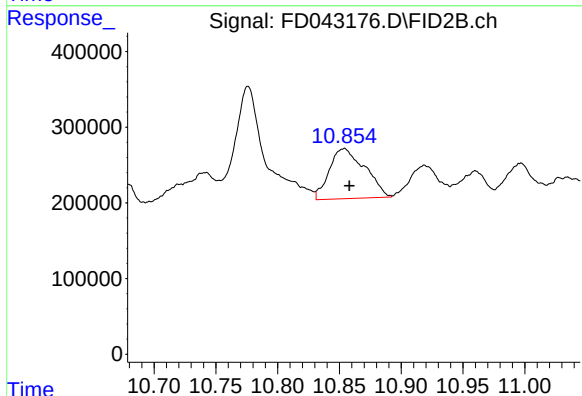
R.T.: 9.376 min
Delta R.T.: -0.008 min
Response: 625198
Conc: 3.61 ug/ml



#9 Phenanthrene (C19.36)

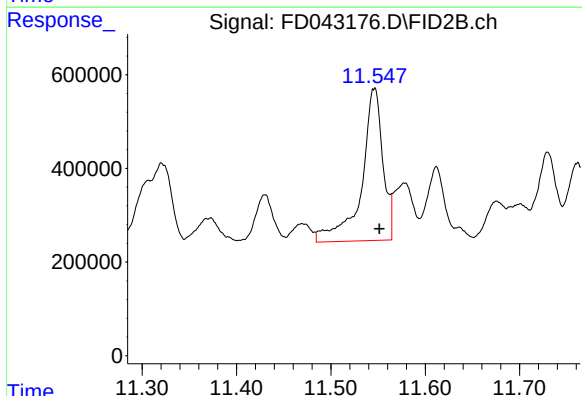
R.T.: 10.776 min
Delta R.T.: -0.008 min
Response: 2682489
Conc: 15.64 ug/ml

Instrument :
FID_D
ClientSampleId :



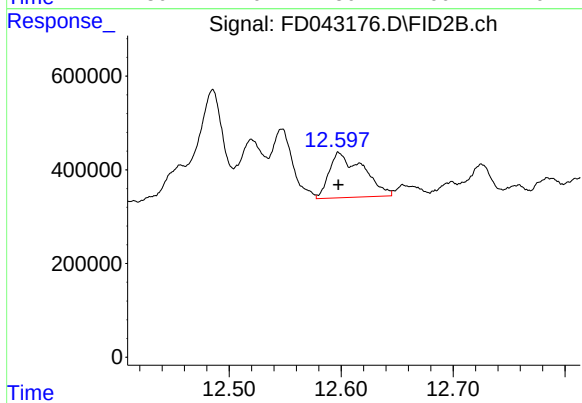
#10 Anthracene (C19.43)

R.T.: 10.853 min
Delta R.T.: -0.005 min
Response: 1328763
Conc: 7.82 ug/ml



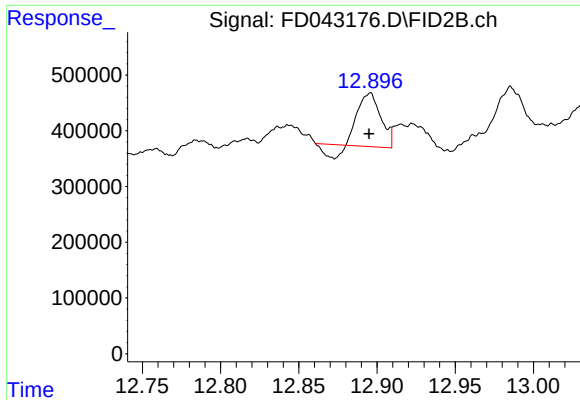
#11 ortho-Terphenyl (SURR)

R.T.: 11.546 min
Delta R.T.: -0.005 min
Response: 5106085
Conc: 28.09 ug/ml



#12 Fluoranthene (C21.85)

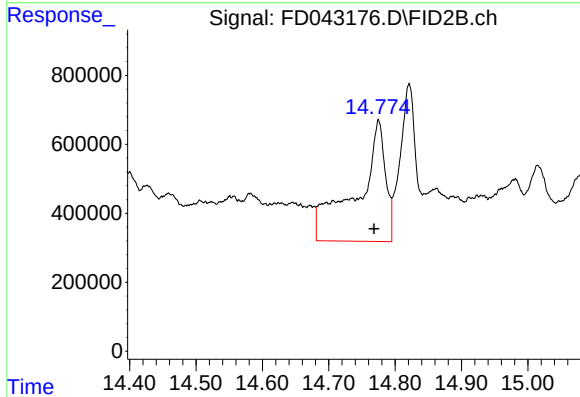
R.T.: 12.599 min
Delta R.T.: 0.001 min
Response: 2025059
Conc: 12.07 ug/ml



#13 Pyrene (C20.8)

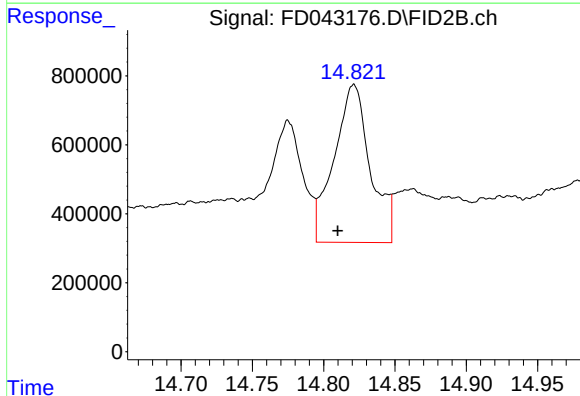
R.T.: 12.895 min
Delta R.T.: 0.000 min
Response: 834178
Conc: 5.12 ug/ml

Instrument :
FID_D
ClientSampleId :



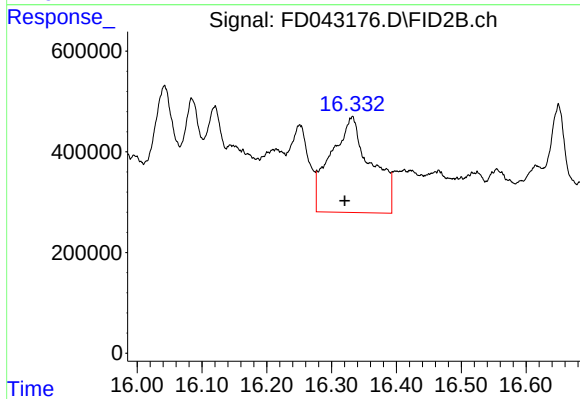
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.775 min
Delta R.T.: 0.007 min
Response: 10592009
Conc: 68.20 ug/ml



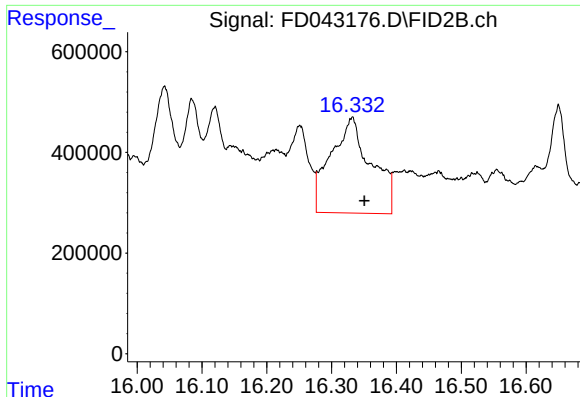
#15 Chrysene (C27.41)

R.T.: 14.821 min
Delta R.T.: 0.011 min
Response: 8088272
Conc: 51.25 ug/ml



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

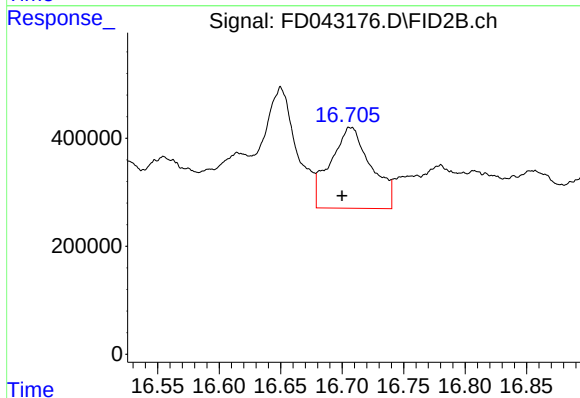
R.T.: 16.331 min
Delta R.T.: 0.011 min
Response: 8185853
Conc: 53.70 ug/ml



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

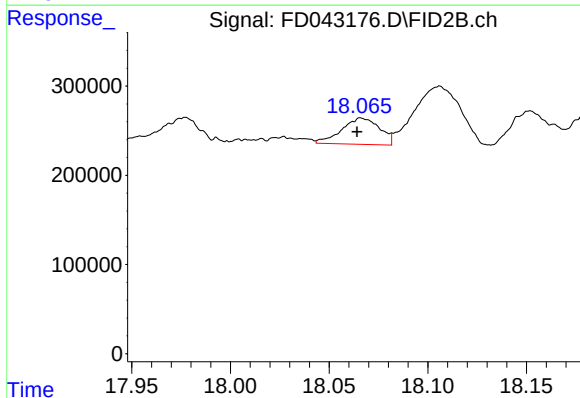
R.T.: 16.331 min
Delta R.T.: -0.019 min
Response: 8185853
Conc: 55.93 ug/ml

Instrument :
FID_D
ClientSampleId :



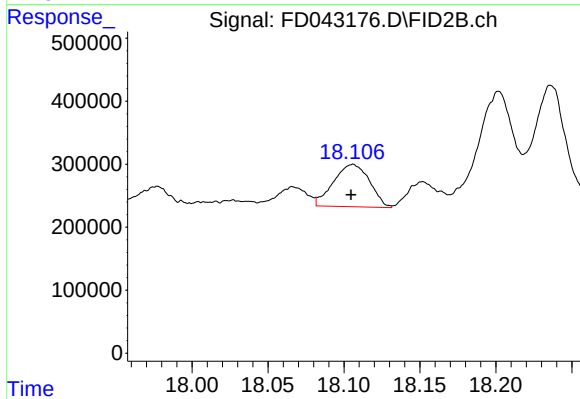
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.707 min
Delta R.T.: 0.007 min
Response: 3450583
Conc: 24.12 ug/ml



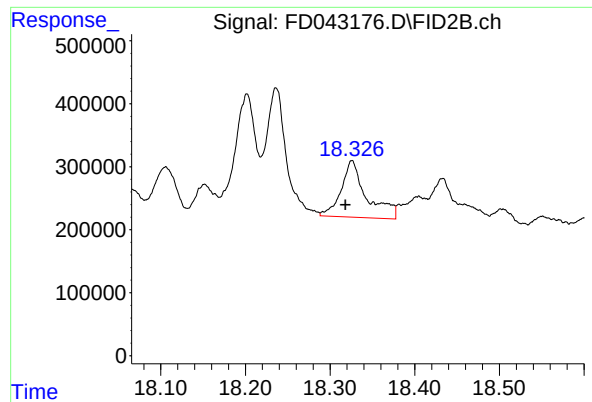
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.067 min
Delta R.T.: 0.003 min
Response: 394589
Conc: 3.15 ug/ml



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

R.T.: 18.106 min
Delta R.T.: 0.000 min
Response: 1112590
Conc: 8.28 ug/ml



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

R.T.: 18.326 min
Delta R.T.: 0.008 min
Response: 1863783
Conc: 14.29 ug/ml

Instrument :
FID_D
ClientSampleId :