

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062323AR\
 Data File : FD045935.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jun 2023 20:40
 Operator : YP/AJ
 Sample : 03330-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 24 00:31:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 2023
 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...	7.521	7039580	39.047 ug/ml
Spiked Amount 50.000		Recovery =	78.09%
6) S 2-Fluorobiphenyl (SURR)	8.376	4365711	36.312 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.62%
11) S ortho-Terphenyl (SURR)	11.414	5857212	26.222 ug/ml
Spiked Amount 50.000		Recovery =	52.44%
Target Compounds			
2) T Naphthalene (C11.7)	5.859	61551	0.290 ug/ml
3) T 2-Methylnaphthalene (...)	6.907	62104	0.294 ug/ml
5) T Acenaphthylene (C15.06)	8.178	54518	0.288 ug/ml
7) T Acenaphthene (C15.5)	8.471	79247	0.392 ug/ml
8) T Fluorene (C16.55)	9.249	76694	0.387 ug/ml
9) T Phenanthrene (C19.36)	10.639	790876	4.134 ug/ml
10) T Anthracene (C19.43)	10.712	203819	1.196 ug/ml
12) T Fluoranthene (C21.85)	12.442	1533925	8.303 ug/ml
13) T Pyrene (C20.8)	12.737	1307963	7.324 ug/ml
14) T Benzo[a]anthracene (C...	14.640	798053	5.097 ug/ml
15) T Chrysene (C27.41)	14.690	47104	0.286 ug/ml
16) T benzo[b]fluoranthene ...	16.170	346322	2.288 ug/ml
17) T Bnezo[k]fluoranthene ...	16.170	346322	2.237 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.516	735559	5.030 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.915	149919	1.024 ug/ml
20) T Dibenz[a,h]anthracene...	17.954	102064	0.680 ug/ml
21) T Benzo[g,h,i]perylene ...	18.167	20178	0.137 ug/ml

(f)=RT Delta > 1/2 Window

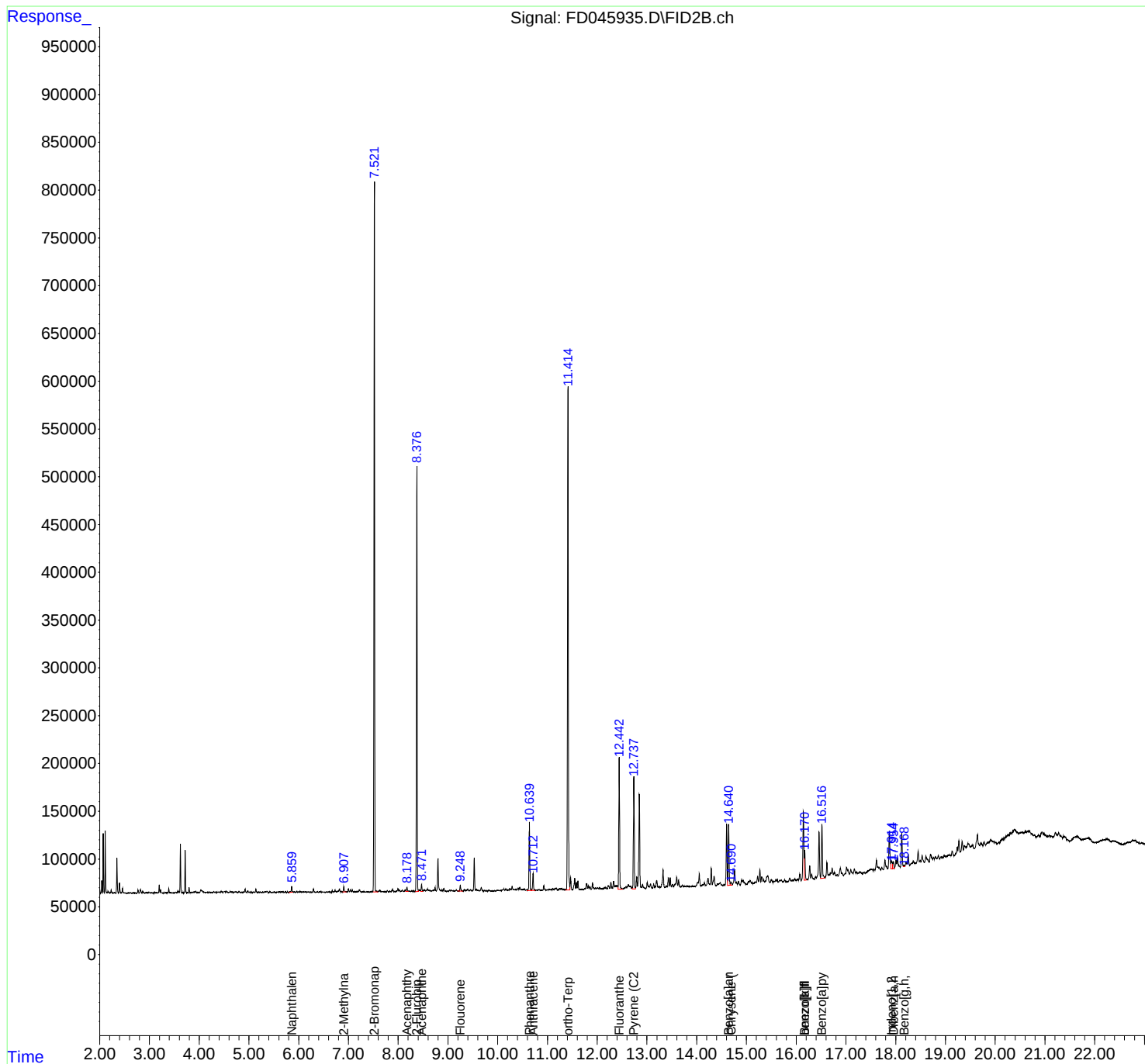
(m)=manual int.

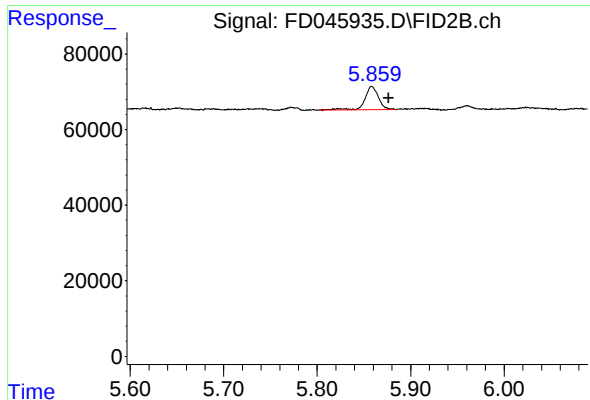
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062323AR\
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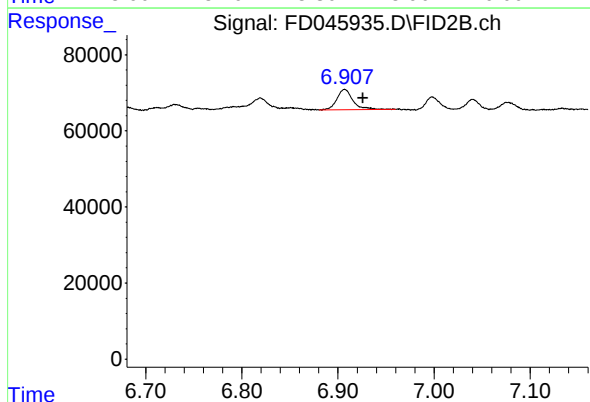




#2 Naphthalene (C11.7)

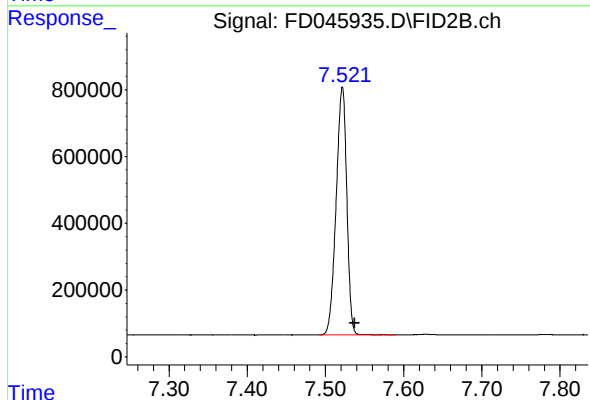
R.T.: 5.859 min
Delta R.T.: -0.018 min
Response: 61551
Conc: 0.29 ug/ml

Instrument :
FID_D
ClientSampleId :



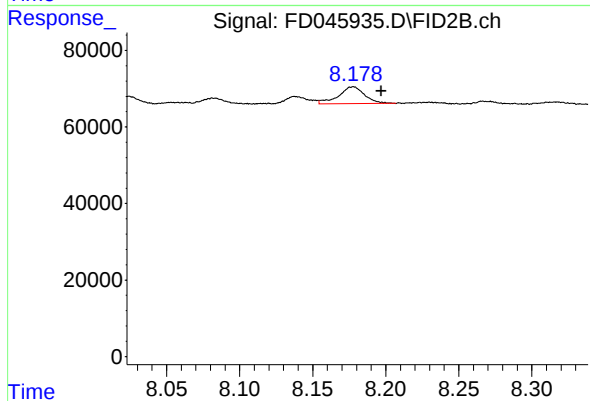
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: -0.019 min
Response: 62104
Conc: 0.29 ug/ml



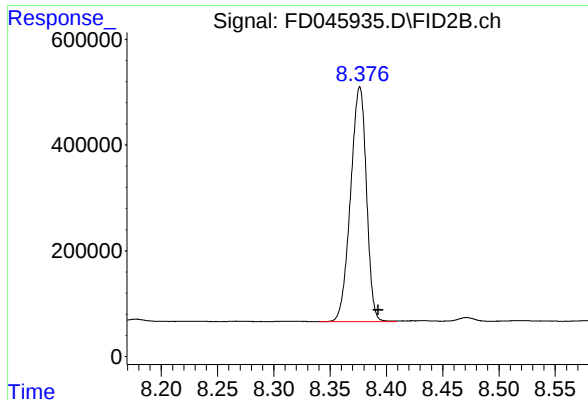
#4 2-Bromonaphthalene (SURR)

R.T.: 7.521 min
Delta R.T.: -0.016 min
Response: 7039580
Conc: 39.05 ug/ml



#5 Acenaphthylene (C15.06)

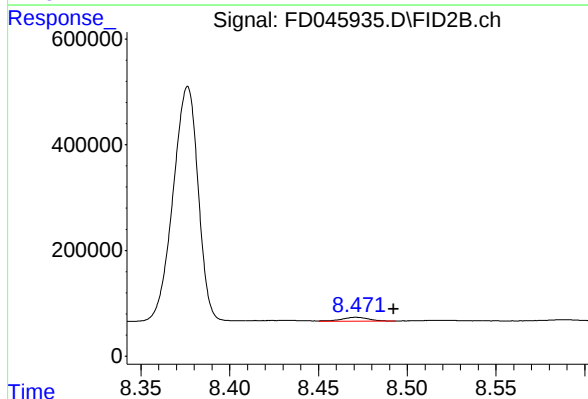
R.T.: 8.178 min
Delta R.T.: -0.019 min
Response: 54518
Conc: 0.29 ug/ml



#6 2-Fluorobiphenyl (SURRE)

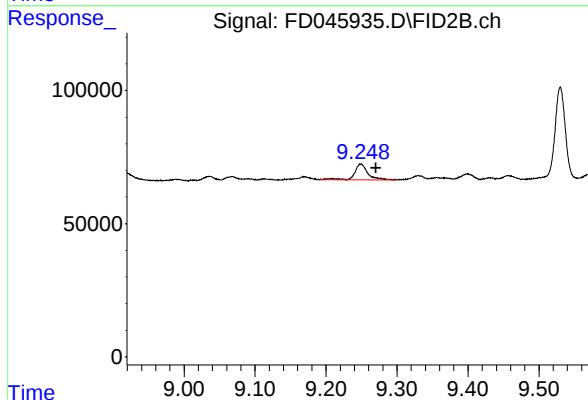
R.T.: 8.376 min
Delta R.T.: -0.017 min
Response: 4365711
Conc: 36.31 ug/ml

Instrument :
FID_D
ClientSampleId :



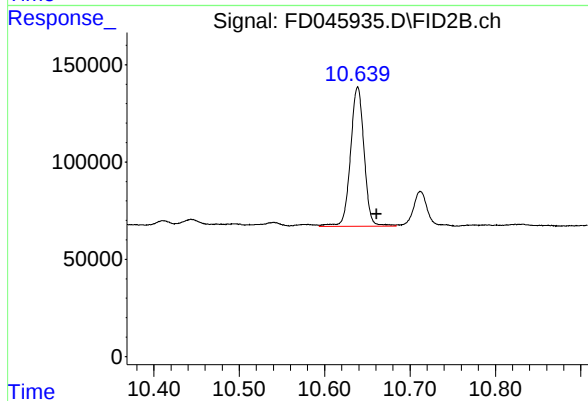
#7 Acenaphthene (C15.5)

R.T.: 8.471 min
Delta R.T.: -0.021 min
Response: 79247
Conc: 0.39 ug/ml



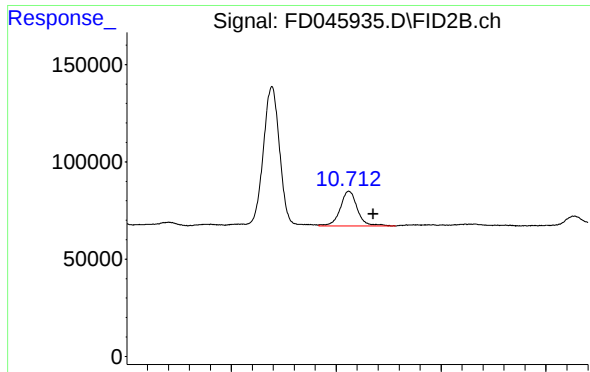
#8 Fluorene (C16.55)

R.T.: 9.249 min
Delta R.T.: -0.021 min
Response: 76694
Conc: 0.39 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.639 min
Delta R.T.: -0.022 min
Response: 790876
Conc: 4.13 ug/ml



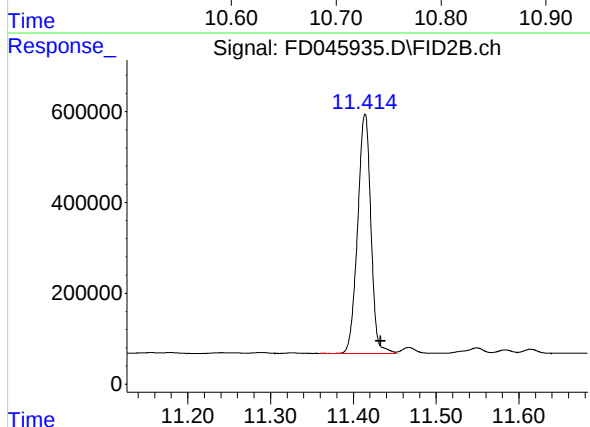
#10 Anthracene (C19.43)

R.T.: 10.712 min
Delta R.T.: -0.023 min
Response: 203819
Conc: 1.20 ug/ml

Instrument :

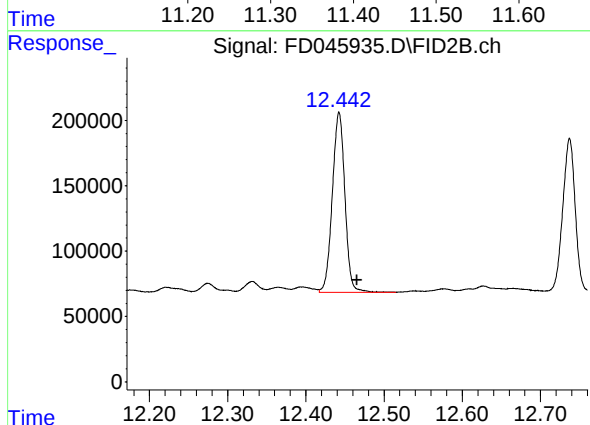
FID_D

ClientSampleId :



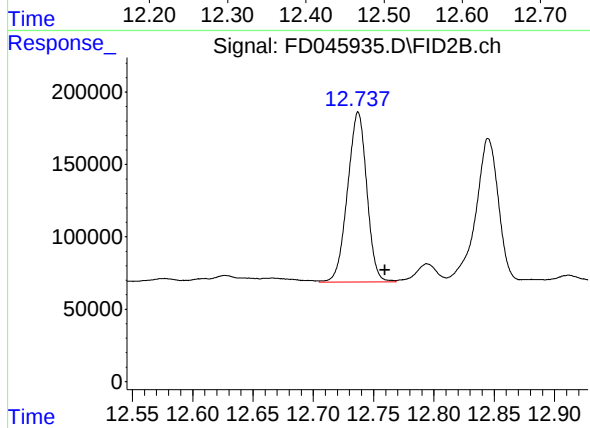
#11 ortho-Terphenyl (SURR)

R.T.: 11.414 min
Delta R.T.: -0.019 min
Response: 5857212
Conc: 26.22 ug/ml



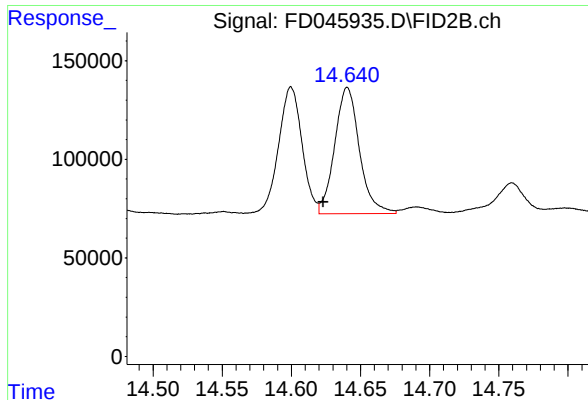
#12 Fluoranthene (C21.85)

R.T.: 12.442 min
Delta R.T.: -0.023 min
Response: 1533925
Conc: 8.30 ug/ml



#13 Pyrene (C20.8)

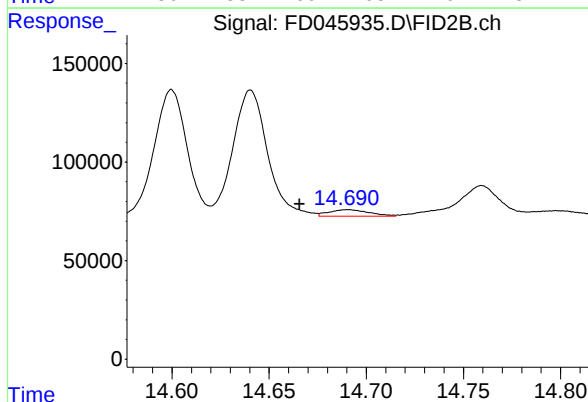
R.T.: 12.737 min
Delta R.T.: -0.022 min
Response: 1307963
Conc: 7.32 ug/ml



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

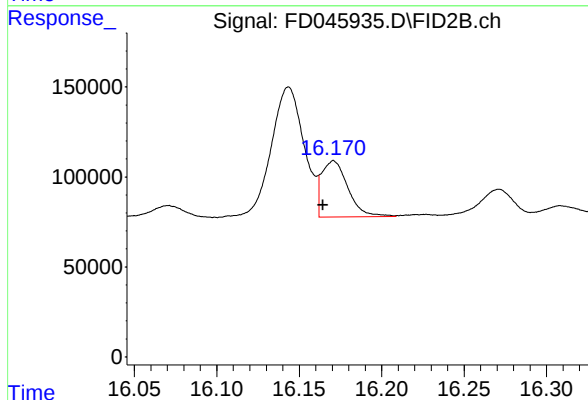
R.T.: 14.640 min
Delta R.T.: 0.017 min
Response: 798053
Conc: 5.10 ug/ml

Instrument :
FID_D
ClientSampleId :



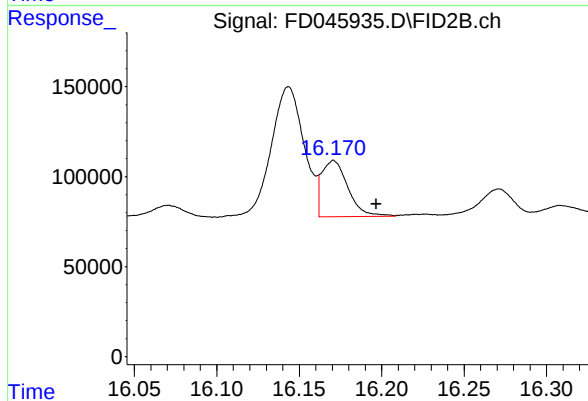
#15 Chrysene (C27.41)

R.T.: 14.690 min
Delta R.T.: 0.025 min
Response: 47104
Conc: 0.29 ug/ml



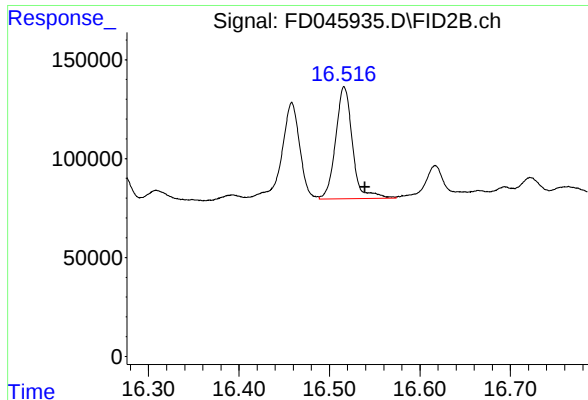
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.170 min
Delta R.T.: 0.006 min
Response: 346322
Conc: 2.29 ug/ml



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

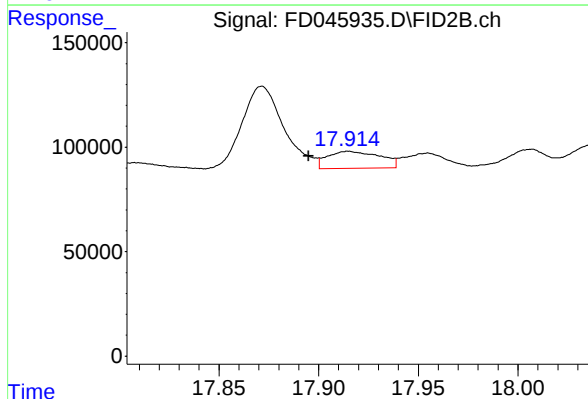
R.T.: 16.170 min
Delta R.T.: -0.026 min
Response: 346322
Conc: 2.24 ug/ml



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

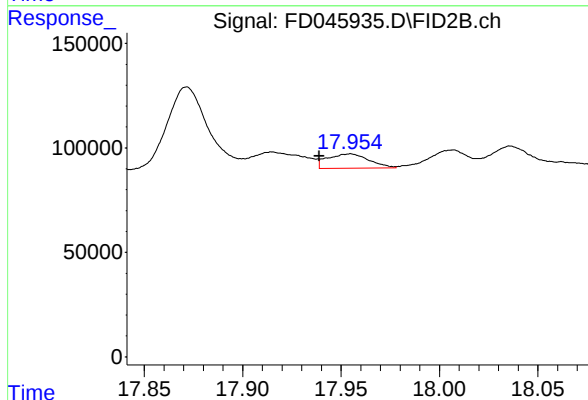
R.T.: 16.516 min
Delta R.T.: -0.023 min
Response: 735559
Conc: 5.03 ug/ml

Instrument :
FID_D
ClientSampleId :



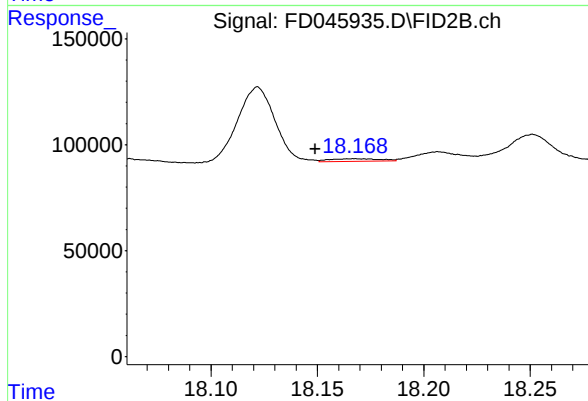
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.915 min
Delta R.T.: 0.020 min
Response: 149919
Conc: 1.02 ug/ml



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

R.T.: 17.954 min
Delta R.T.: 0.015 min
Response: 102064
Conc: 0.68 ug/ml



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

R.T.: 18.167 min
Delta R.T.: 0.018 min
Response: 20178
Conc: 0.14 ug/ml