

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050123AR\
 Data File : FD045538.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2023 15:51
 Operator : YP/AJ
 Sample : 02407-01MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 02 04:17:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 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...	7.548	7495756	51.846 ug/ml
Spiked Amount 50.000		Recovery =	103.69%
6) S 2-Fluorobiphenyl (SURR)	8.403	4339510	46.537 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.07%
11) S ortho-Terphenyl (SURR)	11.444	6155122	34.392 ug/ml
Spiked Amount 50.000		Recovery =	68.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.354	7044223	42.042 ug/ml
2) T Naphthalene (C11.7)	5.886	8234893	48.117 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	8324592	49.204 ug/ml
5) T Acenaphthylene (C15.06)	8.209	9041285	59.765 ug/ml
7) T Acenaphthene (C15.5)	8.506	9505047	58.626 ug/ml
8) T Fluorene (C16.55)	9.284	8967673	58.219 ug/ml
9) T Phenanthrene (C19.36)	10.676	8710997	58.396 ug/ml
10) T Anthracene (C19.43)	10.751	8415179	65.146 ug/ml
12) T Fluoranthene (C21.85)	12.482	8656537	58.817 ug/ml
13) T Pyrene (C20.8)	12.778	8666618	60.415 ug/ml
14) T Benzo[a]anthracene (C...	14.642	7662569	58.473 ug/ml
15) T Chrysene (C27.41)	14.687	7642002	55.982 ug/ml
16) T benzo[b]fluoranthene ...	16.186	7784084	58.297 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	7390771	55.250 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.562	6727418	52.575 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.921	6464983	51.466 ug/ml
20) T Dibenz[a,h]anthracene...	17.962	6221182	45.668 ug/ml
21) T Benzo[g,h,i]perylene ...	18.178	7076856	54.018 ug/ml

(f)=RT Delta > 1/2 Window

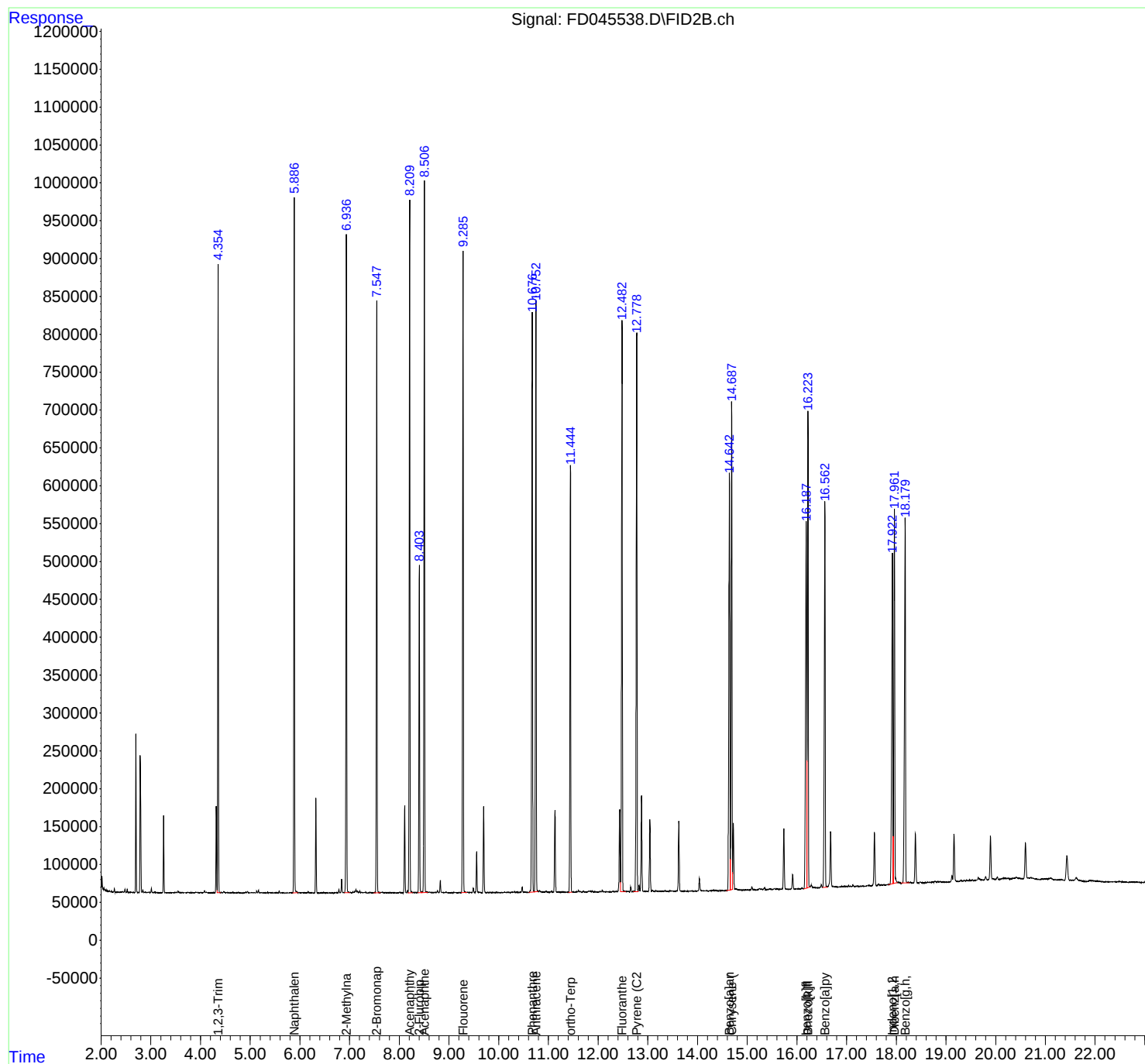
(m)=manual int.

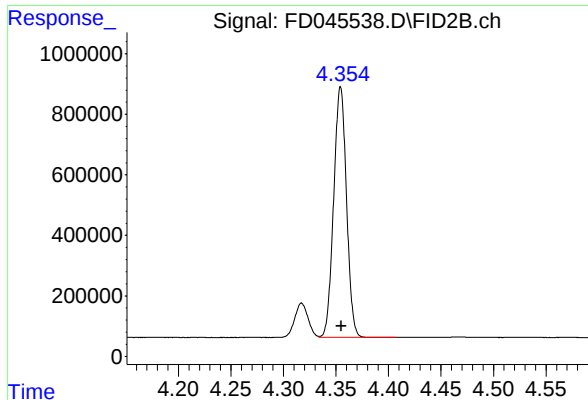
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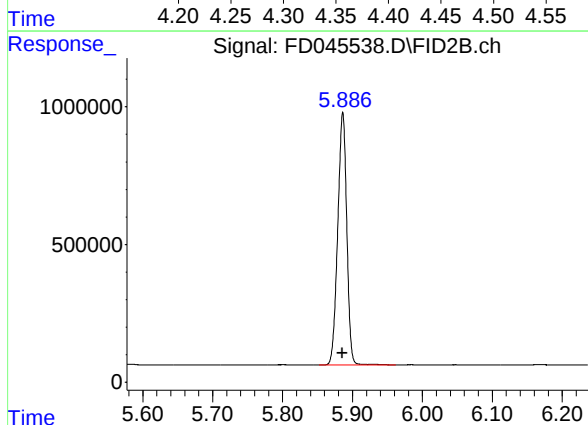




#1 1,2,3-Trimethylbenzene (C10.1)

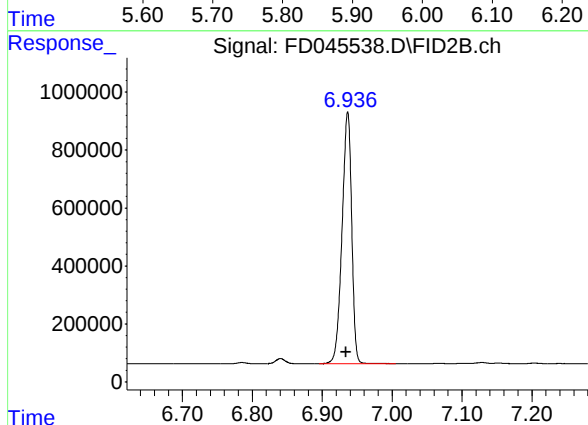
R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 7044223
Conc: 42.04 ug/ml

Instrument :
FID_D
ClientSampleId :



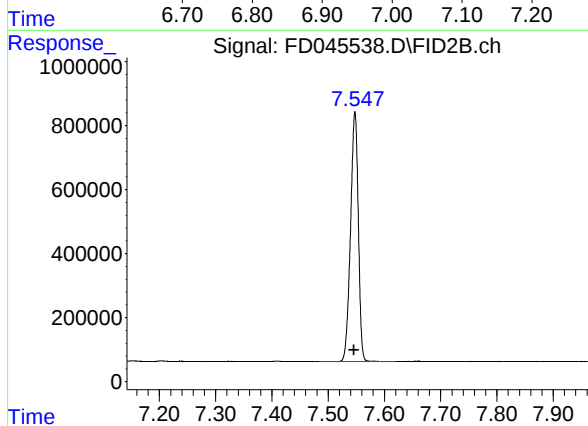
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 8234893
Conc: 48.12 ug/ml



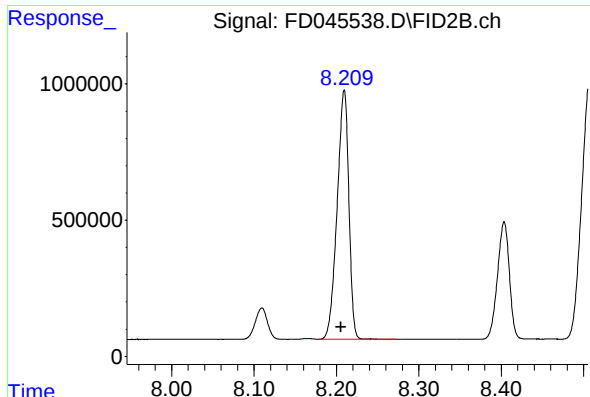
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: 0.002 min
Response: 8324592
Conc: 49.20 ug/ml



#4 2-Bromonaphthalene (SURR)

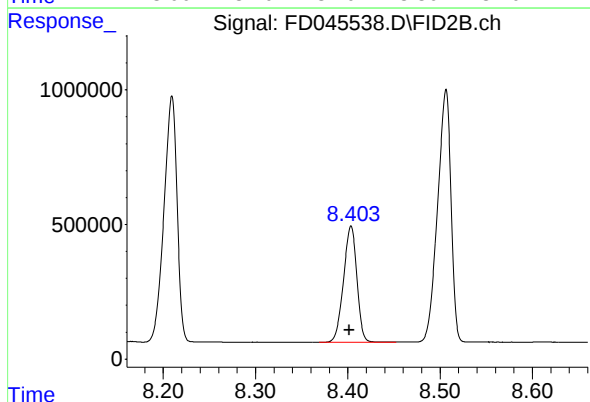
R.T.: 7.548 min
Delta R.T.: 0.001 min
Response: 7495756
Conc: 51.85 ug/ml



#5 Acenaphthylene (C15.06)

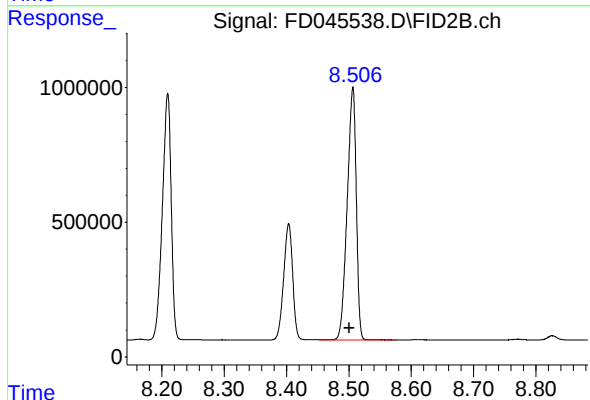
R.T.: 8.209 min
Delta R.T.: 0.004 min
Response: 9041285
Conc: 59.77 ug/ml

Instrument :
FID_D
ClientSampleId :



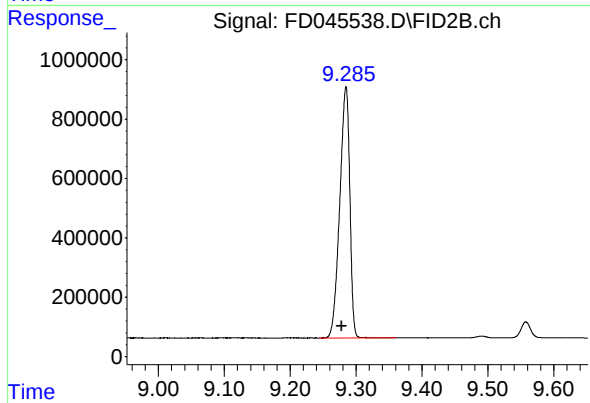
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.403 min
Delta R.T.: 0.002 min
Response: 4339510
Conc: 46.54 ug/ml



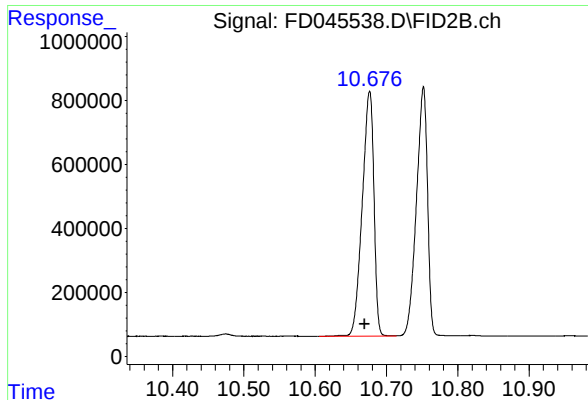
#7 Acenaphthene (C15.5)

R.T.: 8.506 min
Delta R.T.: 0.005 min
Response: 9505047
Conc: 58.63 ug/ml



#8 Flouorene (C16.55)

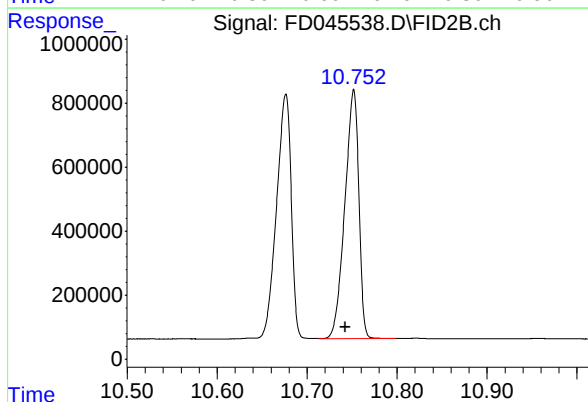
R.T.: 9.284 min
Delta R.T.: 0.006 min
Response: 8967673
Conc: 58.22 ug/ml



#9 Phenanthrene (C19.36)

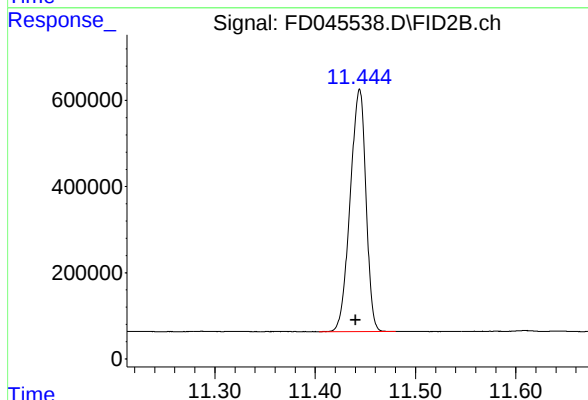
R.T.: 10.676 min
Delta R.T.: 0.007 min
Response: 8710997
Conc: 58.40 ug/ml

Instrument :
FID_D
ClientSampleId :



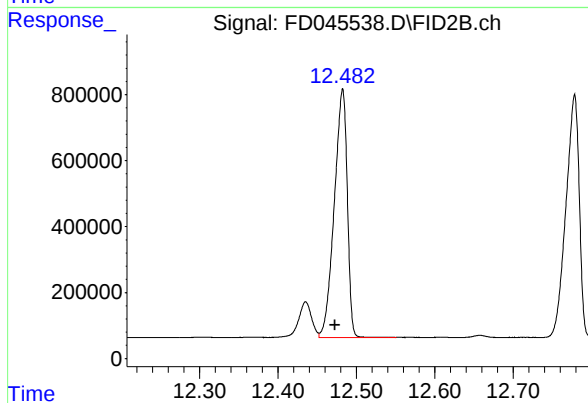
#10 Anthracene (C19.43)

R.T.: 10.751 min
Delta R.T.: 0.009 min
Response: 8415179
Conc: 65.15 ug/ml



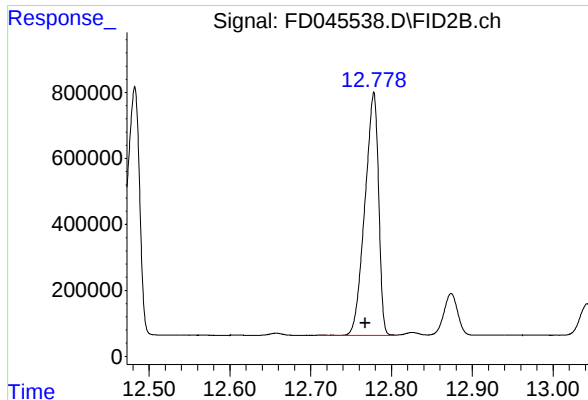
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: 0.004 min
Response: 6155122
Conc: 34.39 ug/ml



#12 Fluoranthene (C21.85)

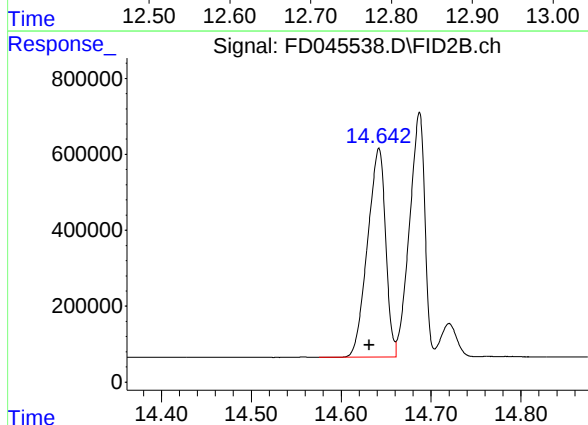
R.T.: 12.482 min
Delta R.T.: 0.009 min
Response: 8656537
Conc: 58.82 ug/ml



#13 Pyrene (C20.8)

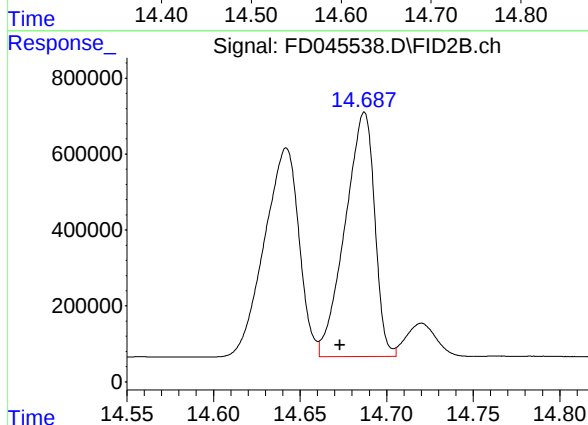
R.T.: 12.778 min
Delta R.T.: 0.010 min
Response: 8666618
Conc: 60.42 ug/ml

Instrument :
FID_D
ClientSampleId :



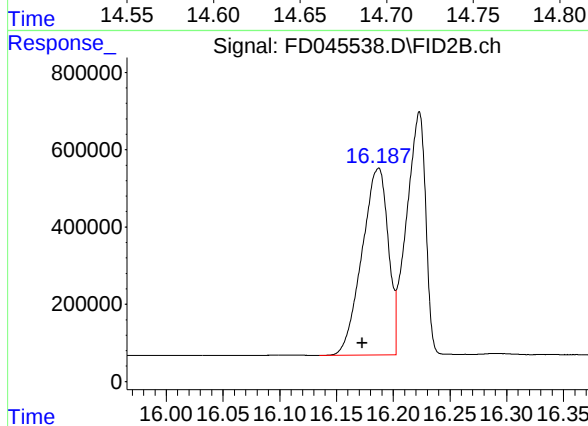
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.642 min
Delta R.T.: 0.010 min
Response: 7662569
Conc: 58.47 ug/ml



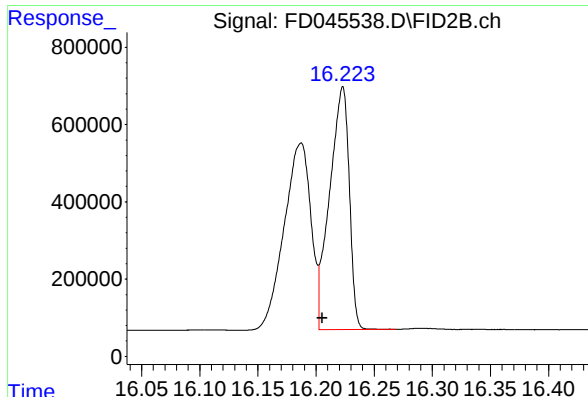
#15 Chrysene (C27.41)

R.T.: 14.687 min
Delta R.T.: 0.014 min
Response: 7642002
Conc: 55.98 ug/ml



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

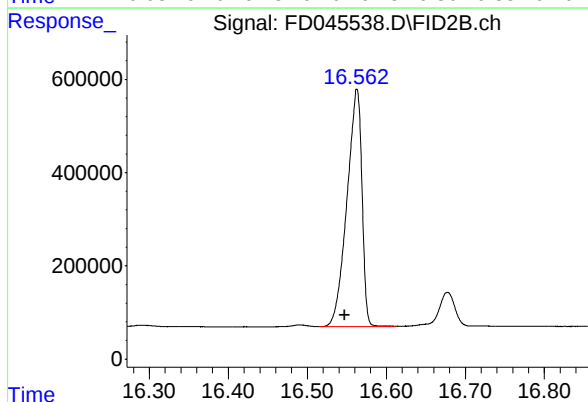
R.T.: 16.186 min
Delta R.T.: 0.014 min
Response: 7784084
Conc: 58.30 ug/ml



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

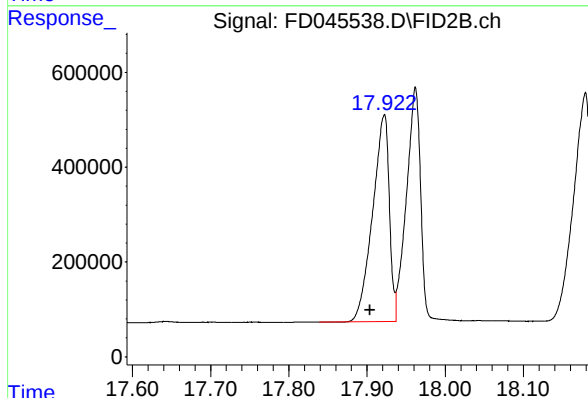
R.T.: 16.222 min
Delta R.T.: 0.017 min
Response: 7390771
Conc: 55.25 ug/ml

Instrument :
FID_D
ClientSampleId :



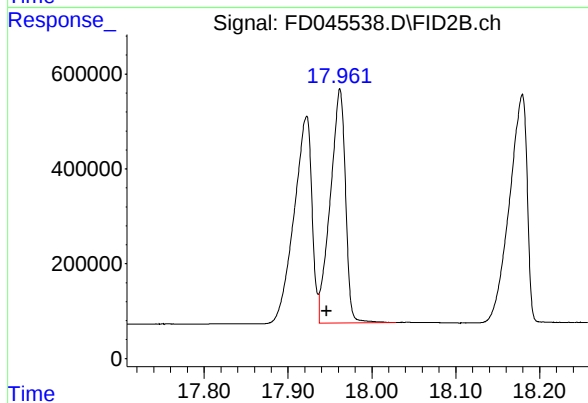
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.562 min
Delta R.T.: 0.015 min
Response: 6727418
Conc: 52.58 ug/ml



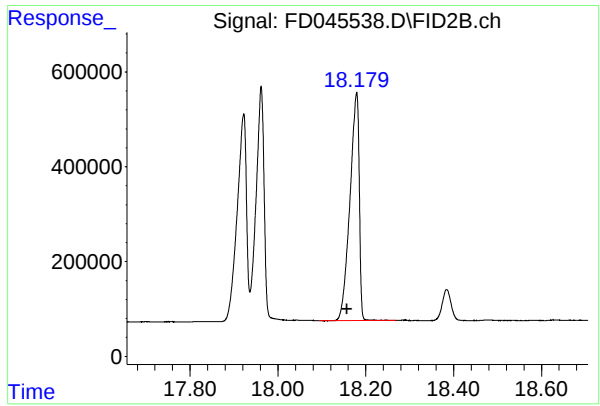
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.921 min
Delta R.T.: 0.017 min
Response: 6464983
Conc: 51.47 ug/ml



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

R.T.: 17.962 min
Delta R.T.: 0.015 min
Response: 6221182
Conc: 45.67 ug/ml



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

R.T.: 18.178 min

Delta R.T.: 0.021 min

Response: 7076856

Conc: 54.02 ug/ml

Instrument :

FID_D

ClientSampleId :