

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050423AR\
 Data File : FD045589.D
 Signal(s) : FID2B.ch
 Acq On : 04 May 2023 16:30
 Operator : YP/AJ
 Sample : PB152571BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB152571BSD

Integration File: autoint1.e
 Quant Time: May 05 02:36:37 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...	7.546	6812579	47.121 ug/ml
Spiked Amount 50.000		Recovery =	94.24%
6) S 2-Fluorobiphenyl (SURR)	8.402	4008879	42.991 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.98%
11) S ortho-Terphenyl (SURR)	11.443	7729781	43.191 ug/ml
Spiked Amount 50.000		Recovery =	86.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.353	5702228	34.032 ug/ml
2) T Naphthalene (C11.7)	5.885	6696528	39.128 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	6937130	41.003 ug/ml
5) T Acenaphthylene (C15.06)	8.207	7563384	49.996 ug/ml
7) T Acenaphthene (C15.5)	8.503	8008930	49.398 ug/ml
8) T Fluorene (C16.55)	9.281	7654982	49.697 ug/ml
9) T Phenanthrene (C19.36)	10.673	7550822	50.618 ug/ml
10) T Anthracene (C19.43)	10.748	7431061	57.528 ug/ml
12) T Fluoranthene (C21.85)	12.478	7485112	50.858 ug/ml
13) T Pyrene (C20.8)	12.774	7538181	52.549 ug/ml
14) T Benzo[a]anthracene (C...	14.638	6945189	52.999 ug/ml
15) T Chrysene (C27.41)	14.682	6790081	49.741 ug/ml
16) T benzo[b]fluoranthene ...	16.182	6993526	52.376 ug/ml
17) T Bnezo[k]fluoranthene ...	16.217	6653417	49.738 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.557	6050444	47.285 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.915	5762924	45.877 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	5663147	41.571 ug/ml
21) T Benzo[g,h,i]perylene ...	18.170	6224878	47.515 ug/ml

(f)=RT Delta > 1/2 Window

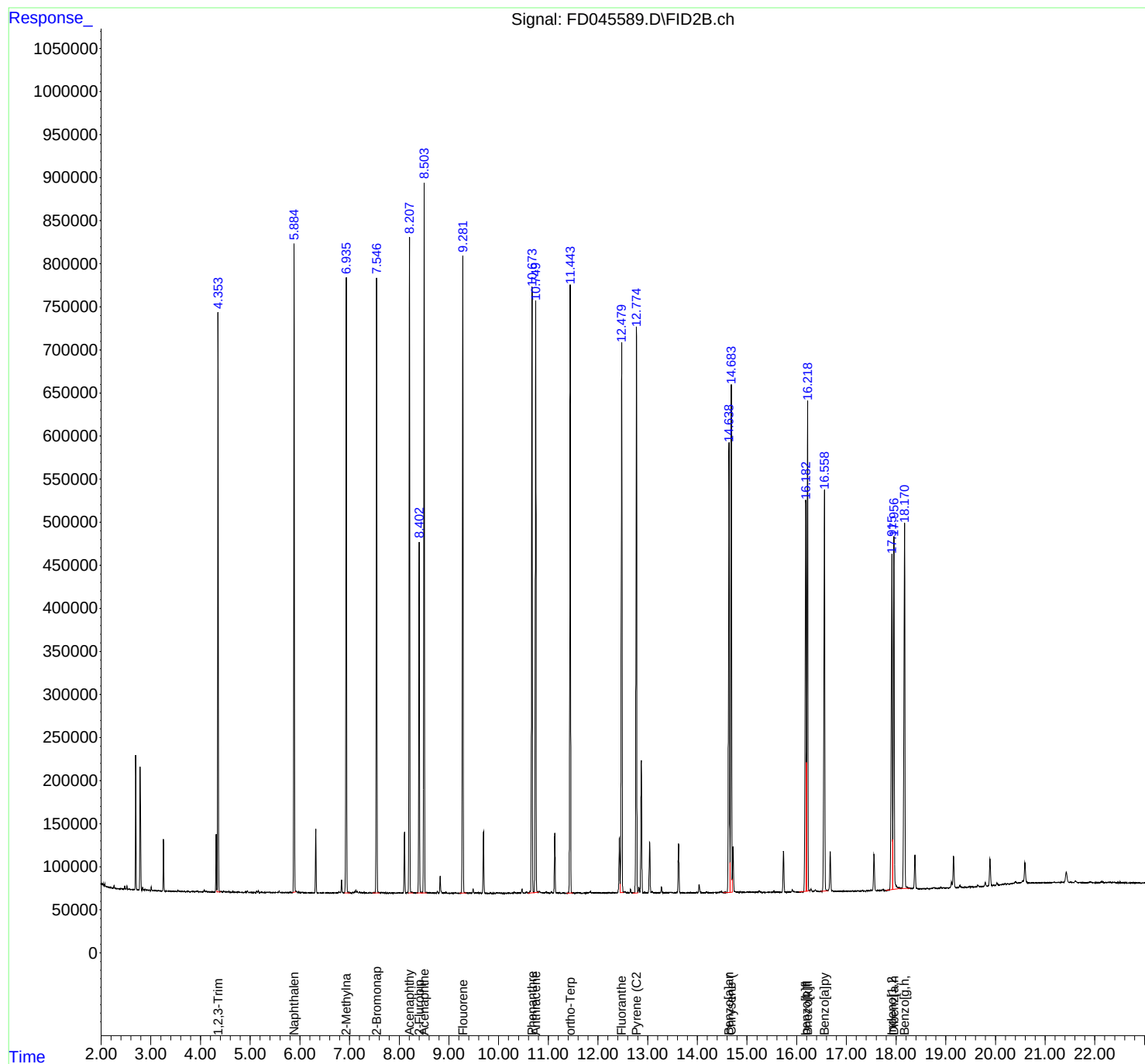
(m)=manual int.

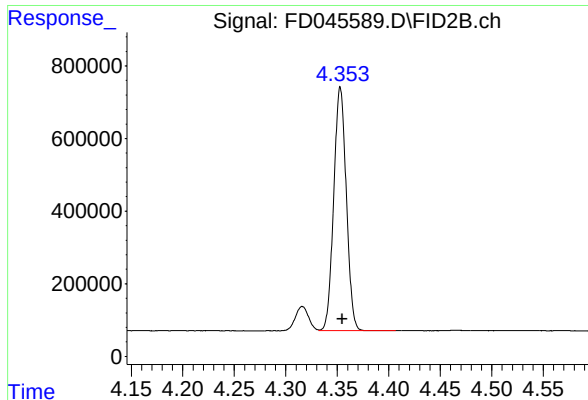
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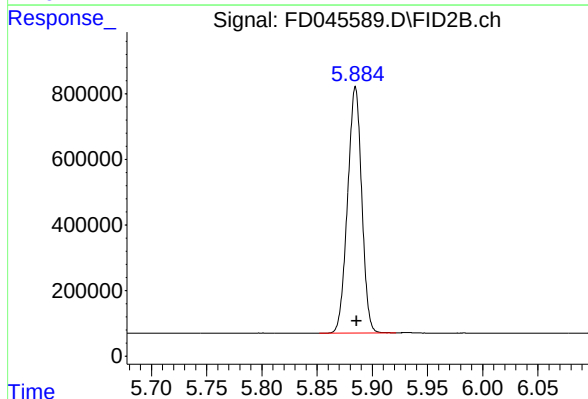




#1 1,2,3-Trimethylbenzene (C10.1)

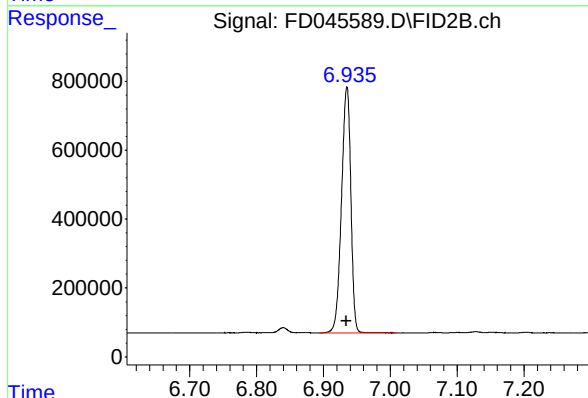
R.T.: 4.353 min
Delta R.T.: -0.002 min
Response: 5702228
Conc: 34.03 ug/ml

Instrument :
FID_D
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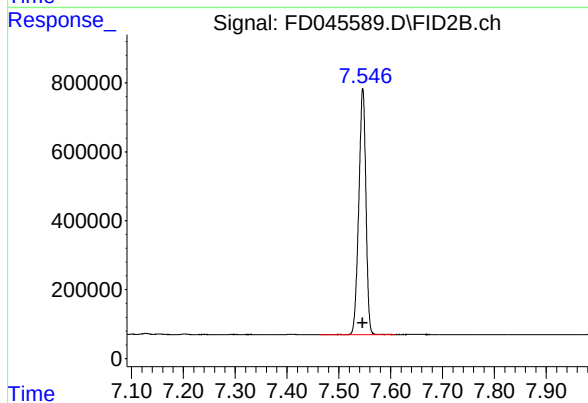
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.001 min
Response: 6696528
Conc: 39.13 ug/ml



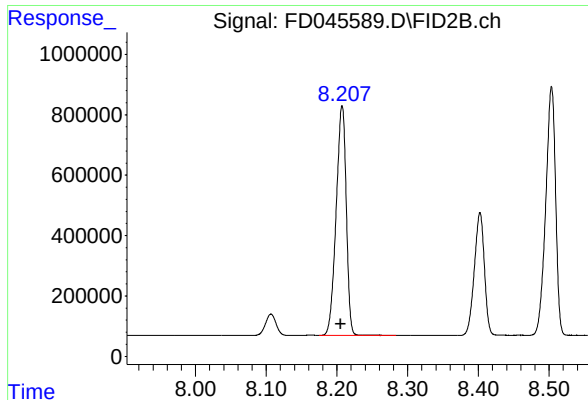
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 6937130
Conc: 41.00 ug/ml



#4 2-Bromonaphthalene (SURR)

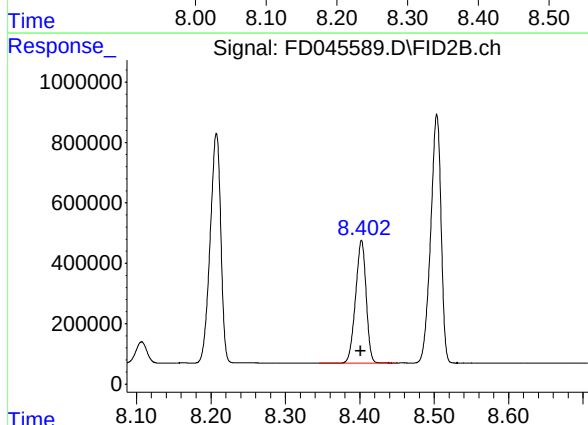
R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 6812579
Conc: 47.12 ug/ml



#5 Acenaphthylene (C15.06)

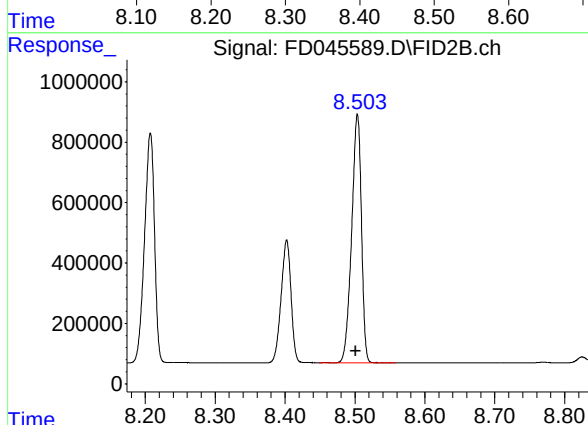
R.T.: 8.207 min
Delta R.T.: 0.002 min
Response: 7563384
Conc: 50.00 ug/ml

Instrument :
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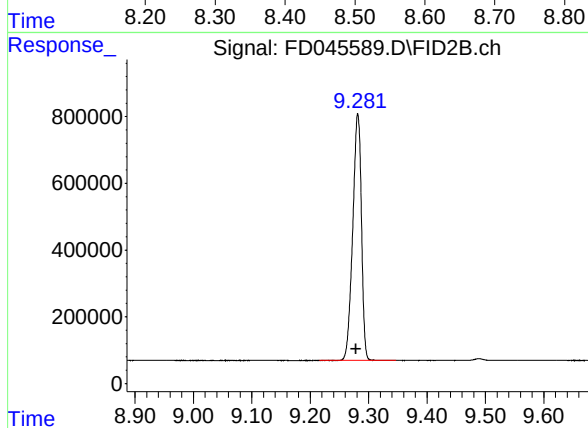
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 4008879
Conc: 42.99 ug/ml



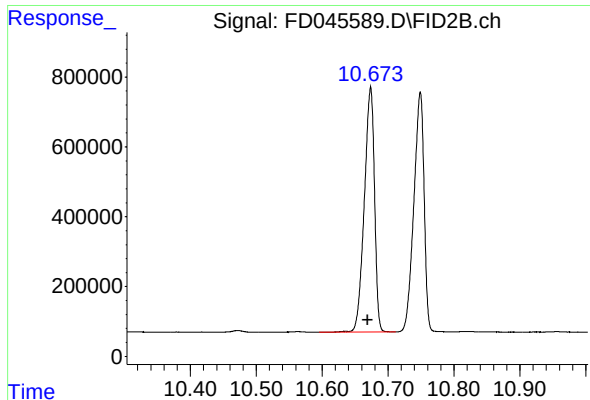
#7 Acenaphthene (C15.5)

R.T.: 8.503 min
Delta R.T.: 0.003 min
Response: 8008930
Conc: 49.40 ug/ml



#8 Flouorene (C16.55)

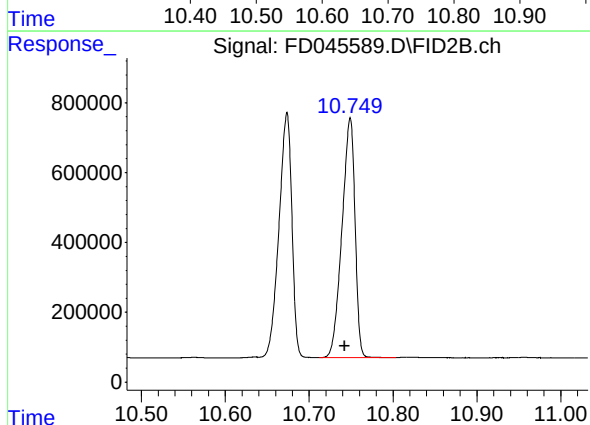
R.T.: 9.281 min
Delta R.T.: 0.003 min
Response: 7654982
Conc: 49.70 ug/ml



#9 Phenanthrene (C19.36)

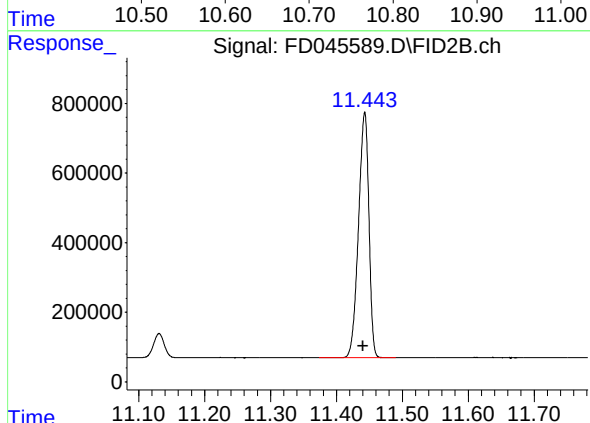
R.T.: 10.673 min
Delta R.T.: 0.004 min
Response: 7550822
Conc: 50.62 ug/ml

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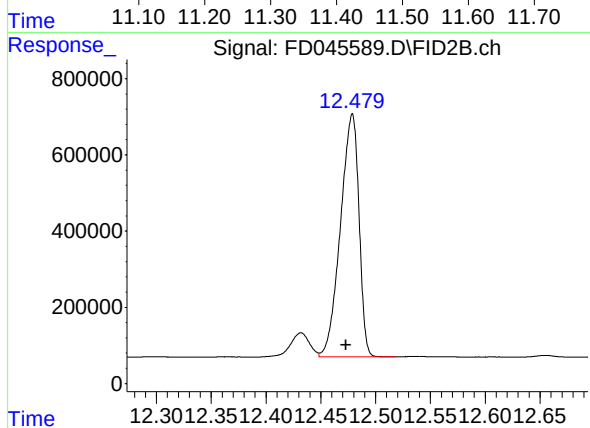
#10 Anthracene (C19.43)

R.T.: 10.748 min
Delta R.T.: 0.006 min
Response: 7431061
Conc: 57.53 ug/ml



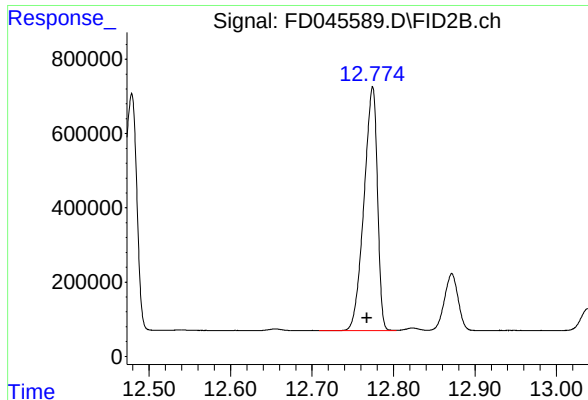
#11 ortho-Terphenyl (SURR)

R.T.: 11.443 min
Delta R.T.: 0.002 min
Response: 7729781
Conc: 43.19 ug/ml



#12 Fluoranthene (C21.85)

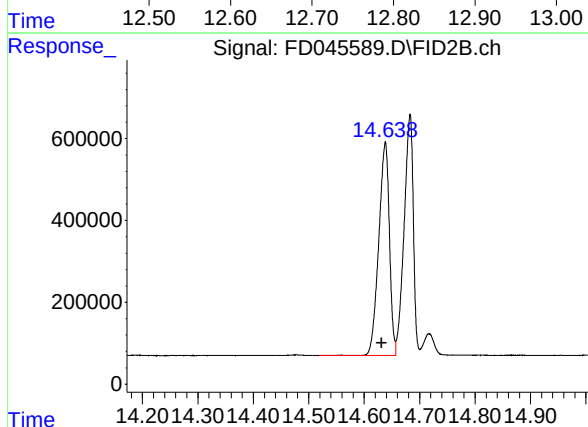
R.T.: 12.478 min
Delta R.T.: 0.005 min
Response: 7485112
Conc: 50.86 ug/ml



#13 Pyrene (C20.8)

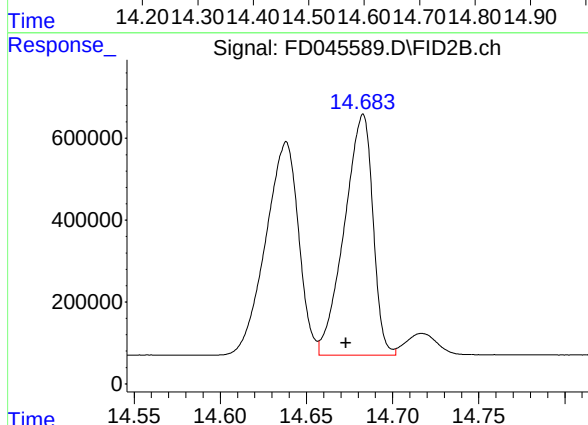
R.T.: 12.774 min
Delta R.T.: 0.006 min
Response: 7538181
Conc: 52.55 ug/ml

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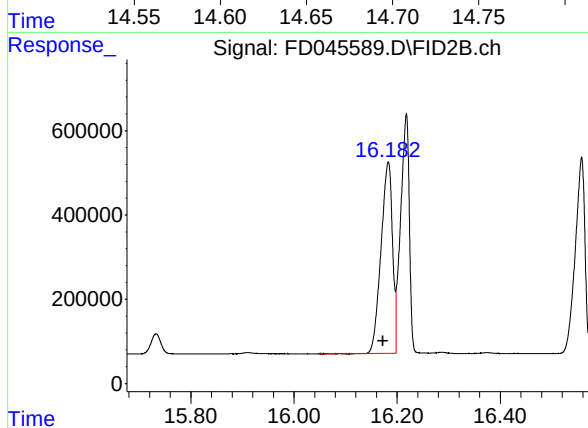
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.638 min
Delta R.T.: 0.006 min
Response: 6945189
Conc: 53.00 ug/ml



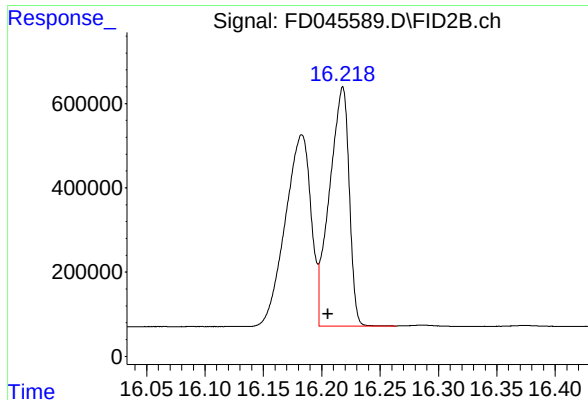
#15 Chrysene (C27.41)

R.T.: 14.682 min
Delta R.T.: 0.009 min
Response: 6790081
Conc: 49.74 ug/ml



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

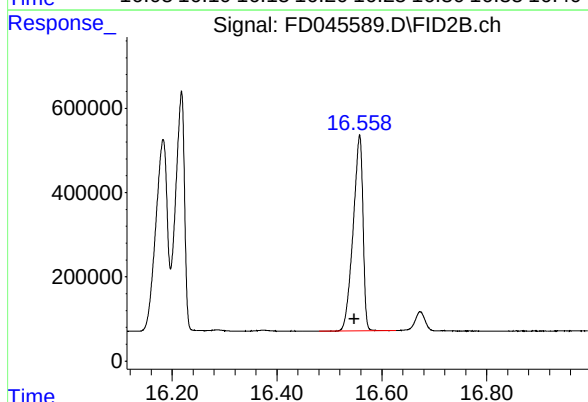
R.T.: 16.182 min
Delta R.T.: 0.010 min
Response: 6993526
Conc: 52.38 ug/ml



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

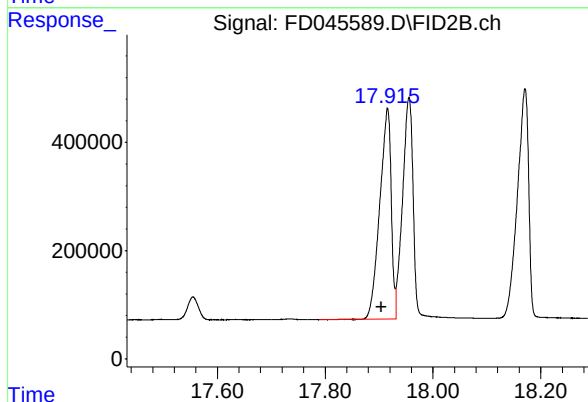
R.T.: 16.217 min
Delta R.T.: 0.012 min
Response: 6653417
Conc: 49.74 ug/ml

Instrument :
FID_D
ClientSampleId :
PB152571BSD



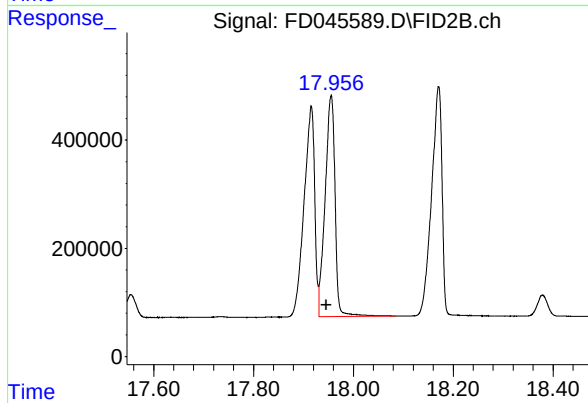
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.557 min
Delta R.T.: 0.010 min
Response: 6050444
Conc: 47.28 ug/ml



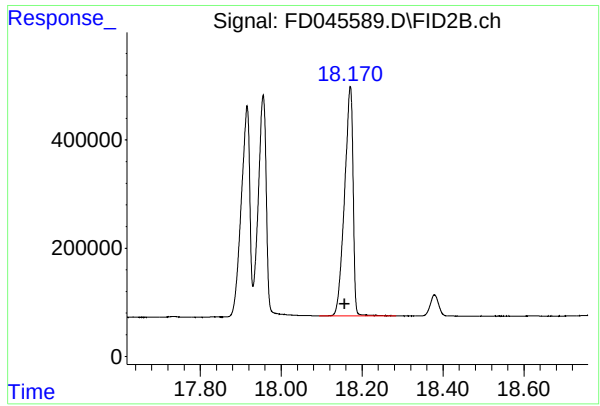
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.915 min
Delta R.T.: 0.011 min
Response: 5762924
Conc: 45.88 ug/ml



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

R.T.: 17.955 min
Delta R.T.: 0.009 min
Response: 5663147
Conc: 41.57 ug/ml



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

R.T.: 18.170 min
Delta R.T.: 0.013 min
Response: 6224878
Conc: 47.51 ug/ml

Instrument :

FID_D

ClientSampleId :

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