

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042123AR\
 Data File : FD045523.D
 Signal(s) : FID2B.ch
 Acq On : 21 Apr 2023 20:15
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 22 03:52:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 22 03:42:26 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	2788956	19.316 ug/ml
Spiked Amount 50.000		Recovery =	38.63%
6) S 2-Fluorobiphenyl (SURR)	8.402	1815125	19.497 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.99%
11) S ortho-Terphenyl (SURR)	11.440	3218650	17.996 ug/ml
Spiked Amount 50.000		Recovery =	35.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.354	3387750	20.249 ug/ml
2) T Naphthalene (C11.7)	5.886	3435628	20.078 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	3295449	19.509 ug/ml
5) T Acenaphthylene (C15.06)	8.206	3096059	20.488 ug/ml
7) T Acenaphthene (C15.5)	8.501	3381130	20.877 ug/ml
8) T Fluorene (C16.55)	9.279	3055601	19.871 ug/ml
9) T Phenanthrene (C19.36)	10.669	2916713	19.580 ug/ml
10) T Anthracene (C19.43)	10.742	2303820	17.871 ug/ml
12) T Fluoranthene (C21.85)	12.473	2869892	19.514 ug/ml
13) T Pyrene (C20.8)	12.768	2883545	20.111 ug/ml
14) T Benzo[a]anthracene (C...	14.631	2604025	19.930 ug/ml
15) T Chrysene (C27.41)	14.673	2739195	20.107 ug/ml
16) T benzo[b]fluoranthene ...	16.173	2630881	19.751 ug/ml
17) T Bnezo[k]fluoranthene ...	16.205	2530711	18.922 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.547	2378880	18.663 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.903	2181949	17.648 ug/ml
20) T Dibenz[a,h]anthracene...	17.945	2271721	16.981 ug/ml
21) T Benzo[g,h,i]perylene ...	18.156	2334256	17.979 ug/ml

(f)=RT Delta > 1/2 Window

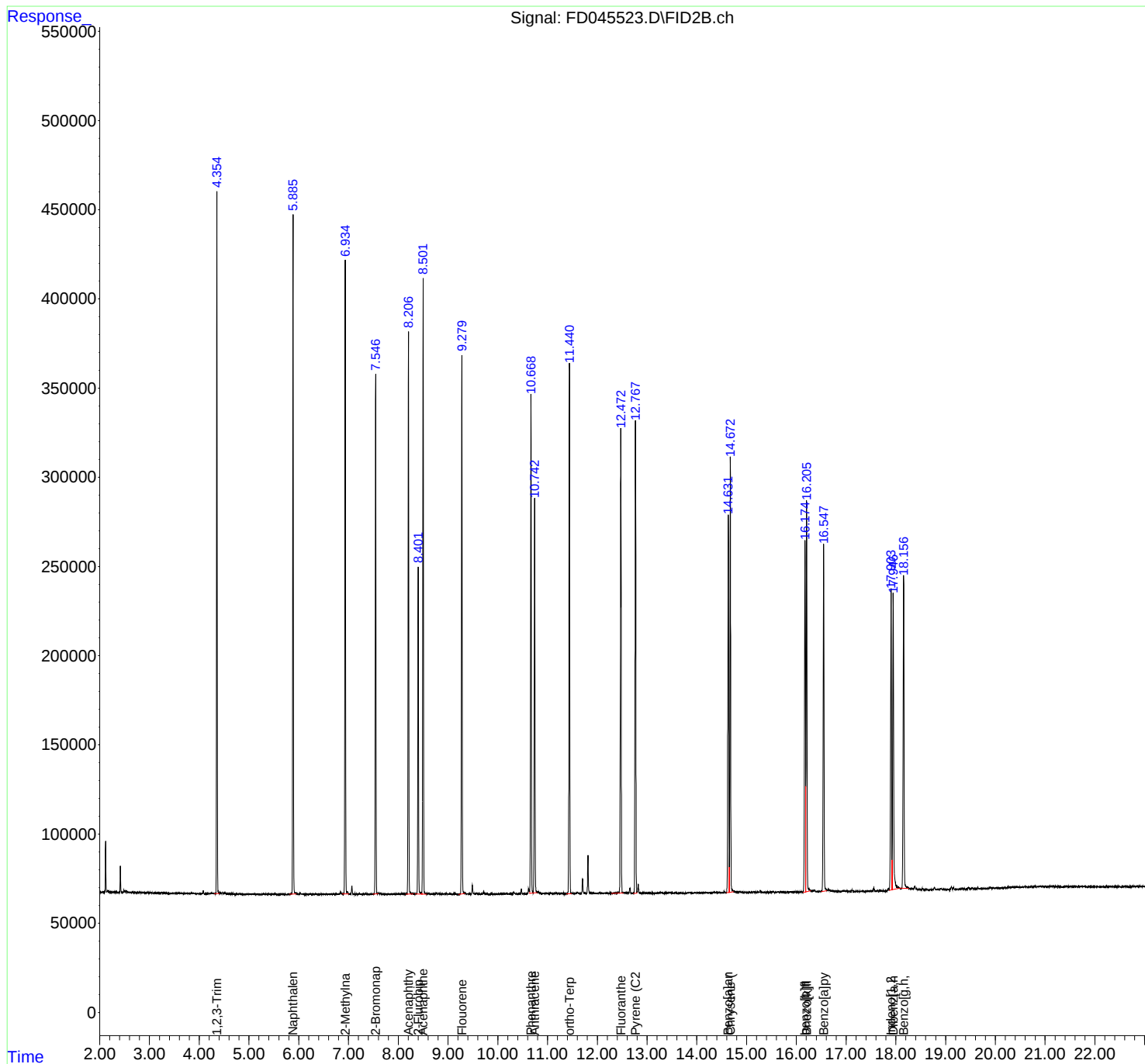
(m)=manual int.

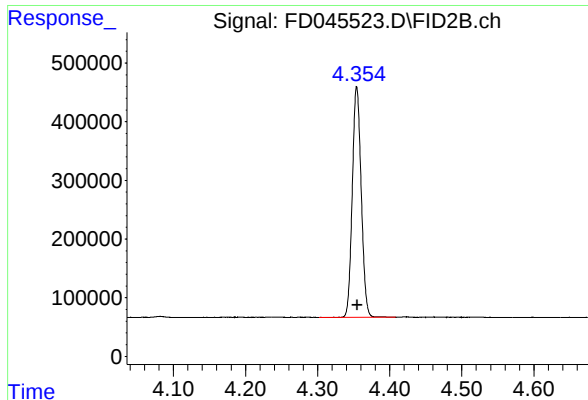
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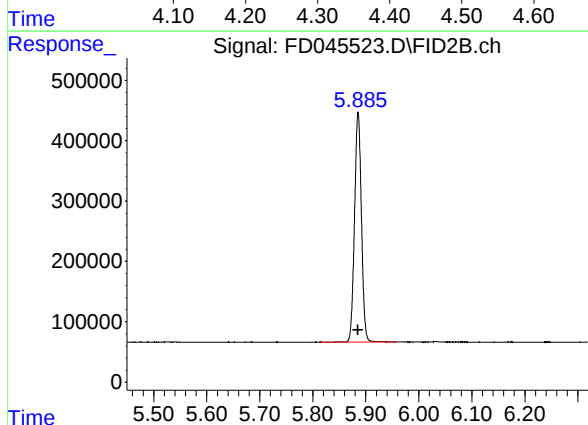




#1 1,2,3-Trimethylbenzene (C10.1)

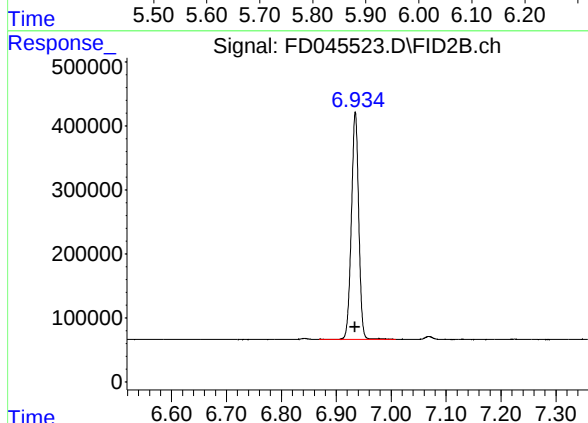
R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 3387750
Conc: 20.25 ug/ml

Instrument :
FID_D
ClientSampleId :



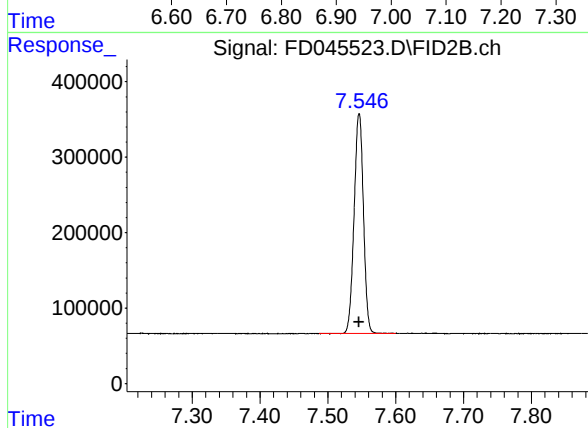
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 3435628
Conc: 20.08 ug/ml



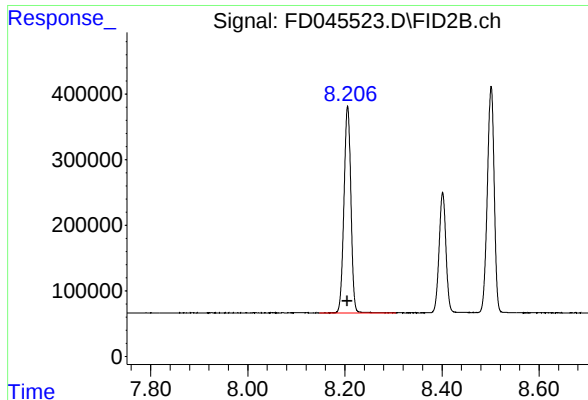
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 3295449
Conc: 19.51 ug/ml



#4 2-Bromonaphthalene (SURR)

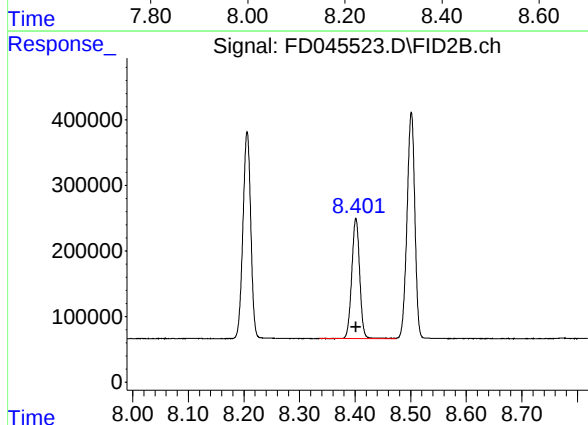
R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 2788956
Conc: 19.32 ug/ml



#5 Acenaphthylene (C15.06)

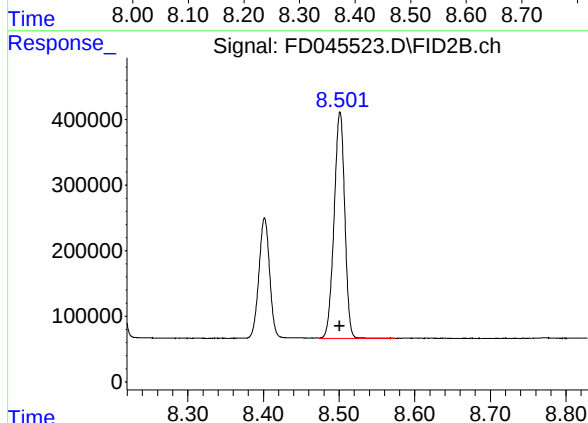
R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 3096059
Conc: 20.49 ug/ml

Instrument :
FID_D
ClientSampleId :



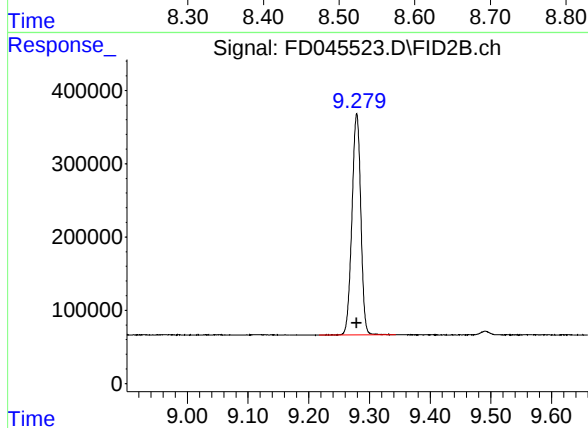
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 1815125
Conc: 19.50 ug/ml



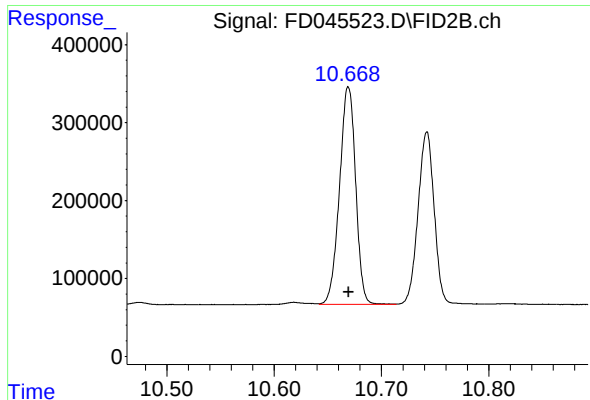
#7 Acenaphthene (C15.5)

R.T.: 8.501 min
Delta R.T.: 0.000 min
Response: 3381130
Conc: 20.88 ug/ml



#8 Flouorene (C16.55)

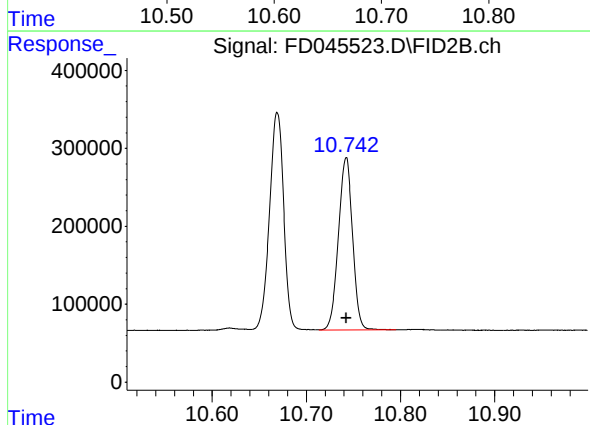
R.T.: 9.279 min
Delta R.T.: 0.000 min
Response: 3055601
Conc: 19.87 ug/ml



#9 Phenanthrene (C19.36)

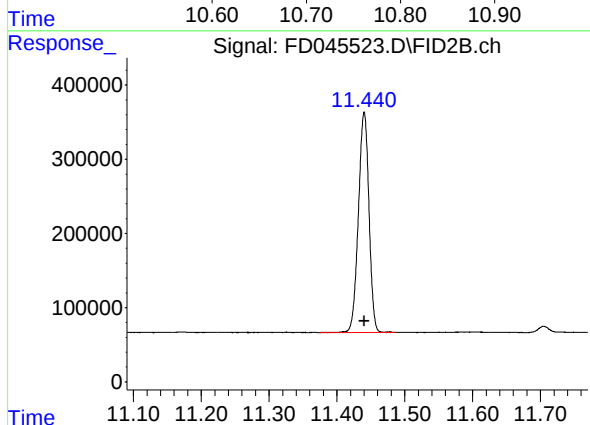
R.T.: 10.669 min
Delta R.T.: 0.000 min
Response: 2916713
Conc: 19.58 ug/ml

Instrument :
FID_D
ClientSampleId :



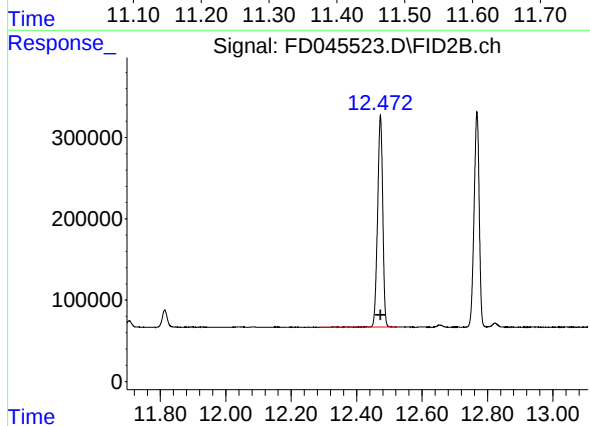
#10 Anthracene (C19.43)

R.T.: 10.742 min
Delta R.T.: 0.000 min
Response: 2303820
Conc: 17.87 ug/ml



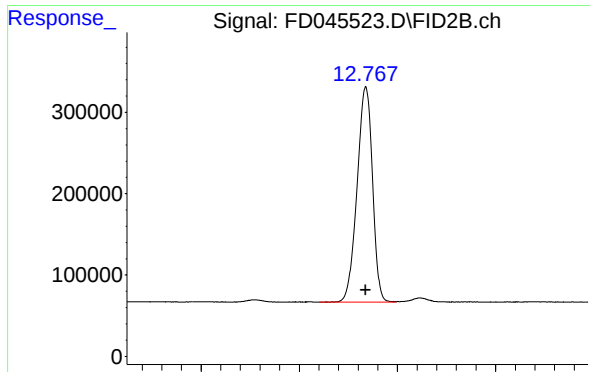
#11 ortho-Terphenyl (SURR)

R.T.: 11.440 min
Delta R.T.: 0.000 min
Response: 3218650
Conc: 18.00 ug/ml



#12 Fluoranthene (C21.85)

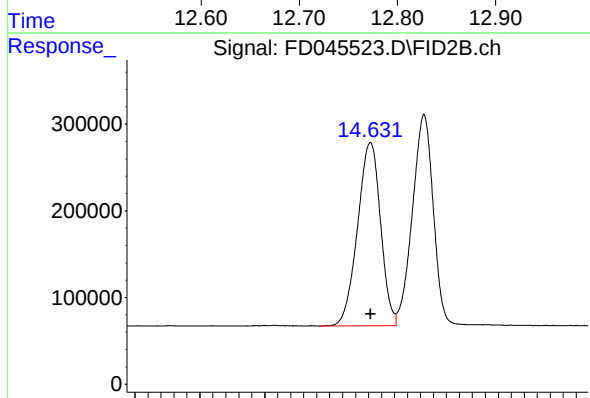
R.T.: 12.473 min
Delta R.T.: 0.000 min
Response: 2869892
Conc: 19.51 ug/ml



#13 Pyrene (C20.8)

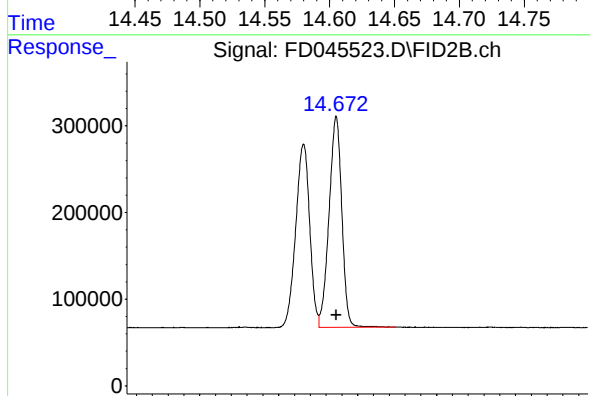
R.T.: 12.768 min
Delta R.T.: 0.000 min
Response: 2883545
Conc: 20.11 ug/ml

Instrument :
FID_D
ClientSampleId :



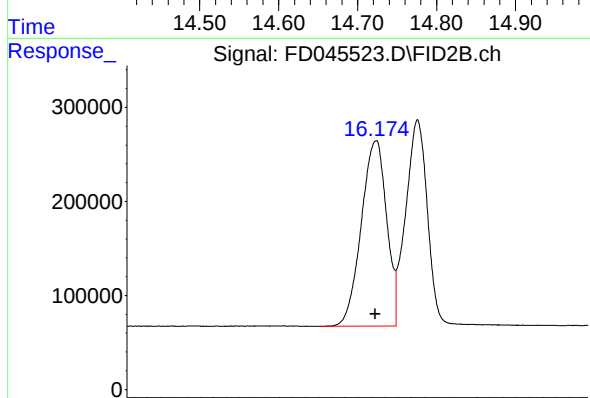
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.631 min
Delta R.T.: 0.000 min
Response: 2604025
Conc: 19.93 ug/ml



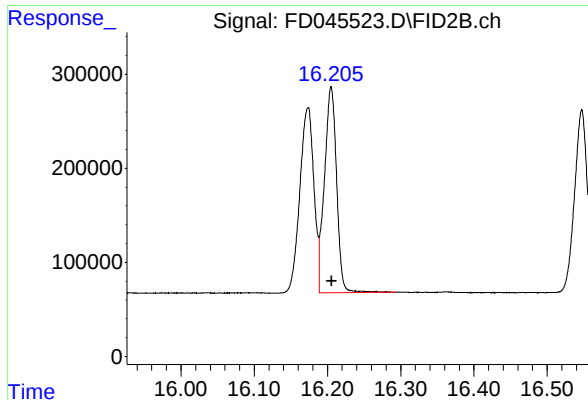
#15 Chrysene (C27.41)

R.T.: 14.673 min
Delta R.T.: 0.000 min
Response: 2739195
Conc: 20.11 ug/ml



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

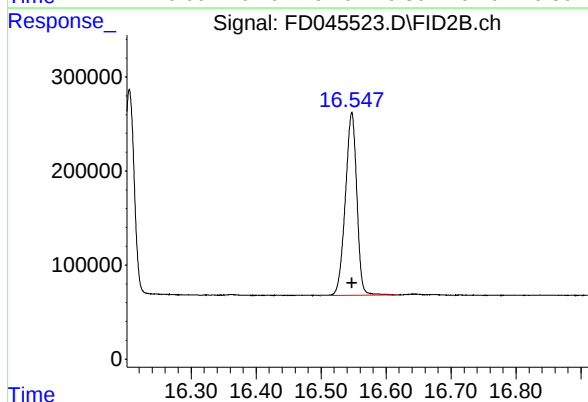
R.T.: 16.173 min
Delta R.T.: 0.000 min
Response: 2630881
Conc: 19.75 ug/ml



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

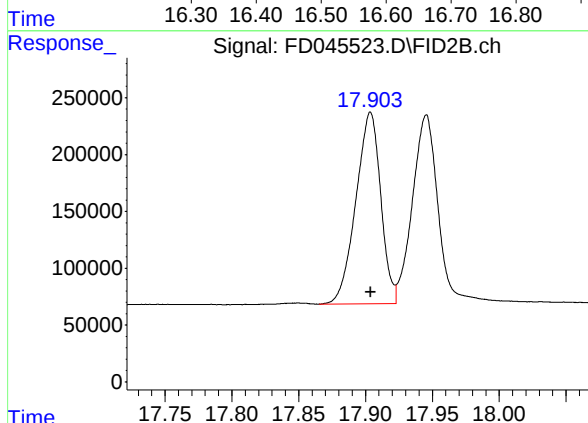
R.T.: 16.205 min
Delta R.T.: 0.000 min
Response: 2530711
Conc: 18.92 ug/ml

Instrument :
FID_D
ClientSampleId :



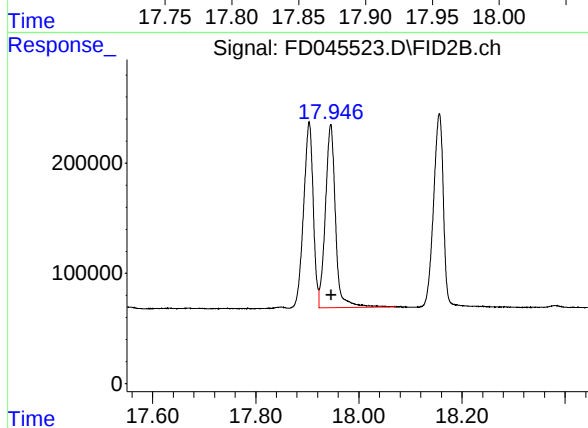
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.547 min
Delta R.T.: 0.000 min
Response: 2378880
Conc: 18.66 ug/ml



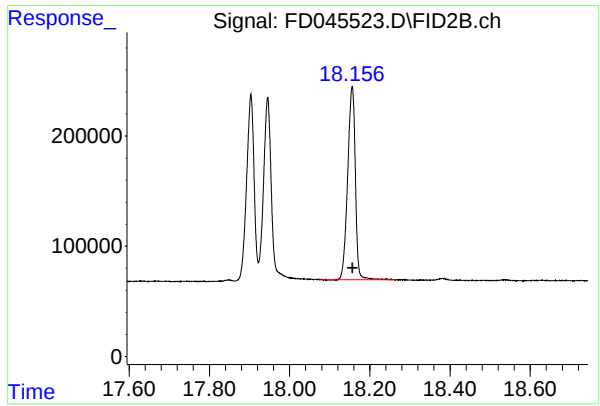
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.903 min
Delta R.T.: 0.000 min
Response: 2181949
Conc: 17.65 ug/ml



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

R.T.: 17.945 min
Delta R.T.: -0.001 min
Response: 2271721
Conc: 16.98 ug/ml



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

R.T.: 18.156 min
Delta R.T.: -0.001 min
Response: 2334256
Conc: 17.98 ug/ml

Instrument :
FID_D
ClientSampleId :