

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071923AR\
 Data File : FD046134.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jul 2023 19:14
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 20 02:58:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 02:58:14 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...	7.506	2924320	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.360	1835777	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.398	3388332	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.318	3561842	20.000 ug/ml
2) T Naphthalene (C11.7)	5.846	3532858	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.894	3453178	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.164	2983719	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.459	3187651	20.000 ug/ml
8) T Fluorene (C16.55)	9.237	2987975	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.626	2828725	20.000 ug/ml
10) T Anthracene (C19.43)	10.700	2571970	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.428	2749724	20.000 ug/ml
13) T Pyrene (C20.8)	12.722	2710340	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.587	2602354	20.000 ug/ml
15) T Chrysene (C27.41)	14.629	2749486	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.129	2699147	20.045 ug/ml
17) T Bnezo[k]fluoranthene ...	16.161	2685481	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.503	2591720	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.859	2382051	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.901	2565165	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.111	2502548	20.000 ug/ml

(f)=RT Delta > 1/2 Window

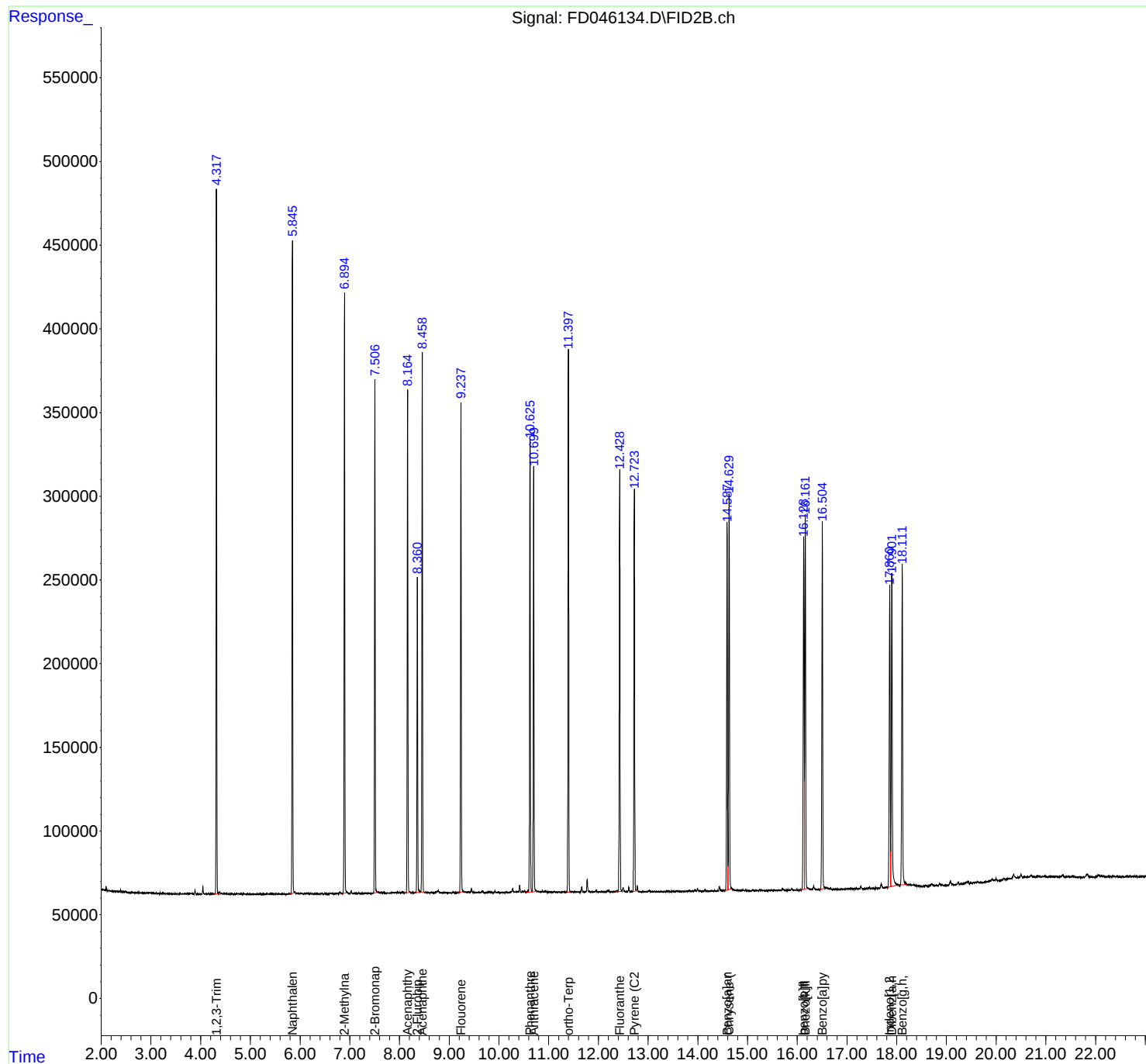
(m)=manual int.

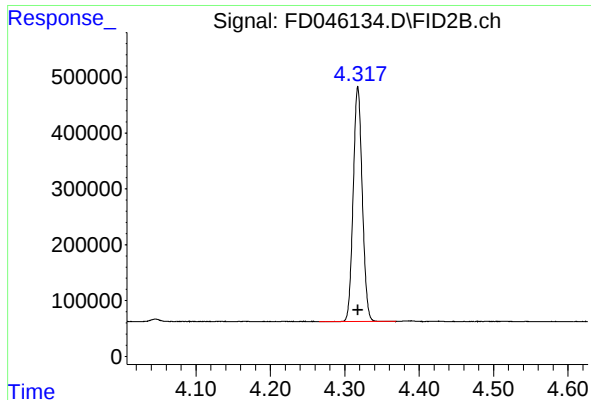
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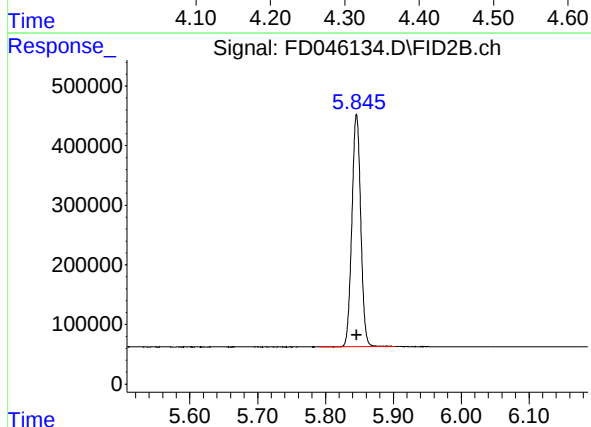




#1 1,2,3-Trimethylbenzene (C10.1)

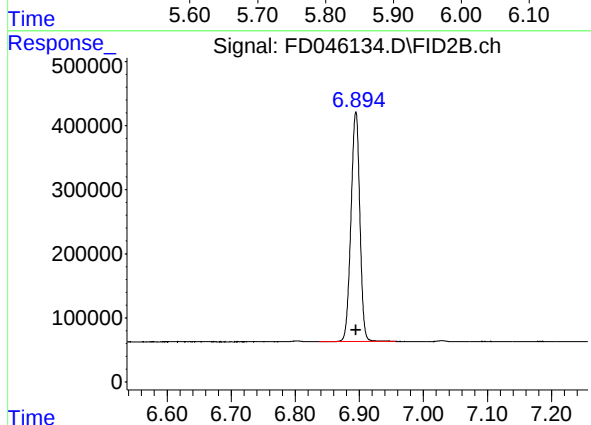
R.T.: 4.318 min
Delta R.T.: 0.000 min
Response: 3561842
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



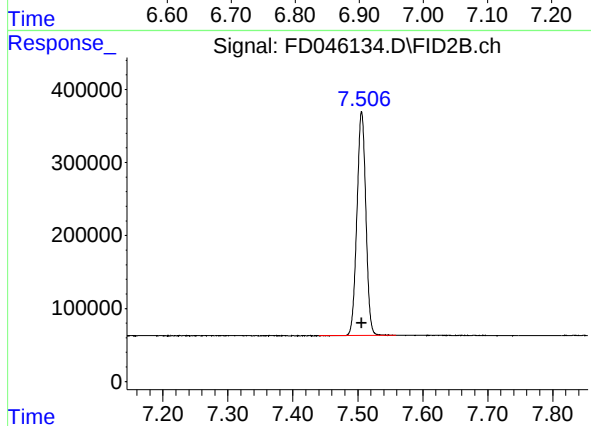
#2 Naphthalene (C11.7)

R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 3532858
Conc: 20.00 ug/ml



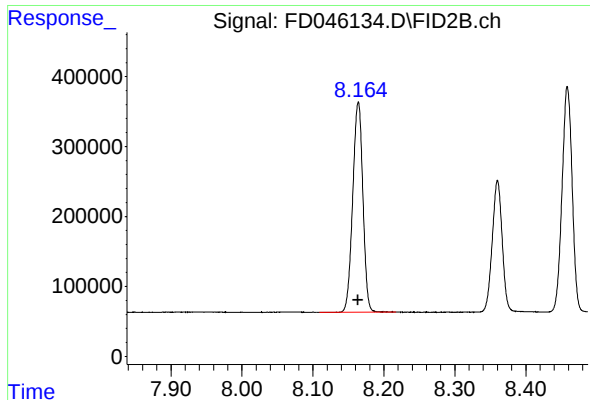
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 3453178
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

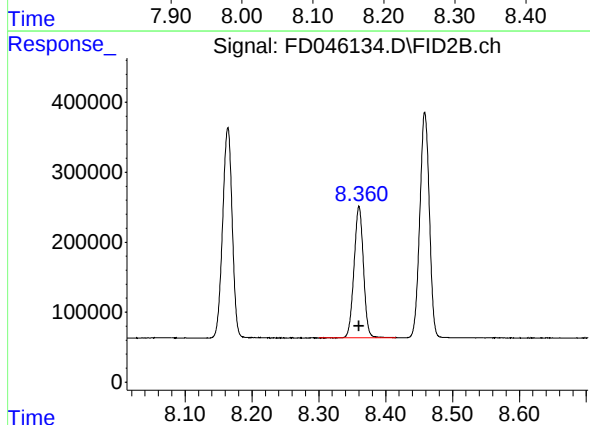
R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 2924320
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

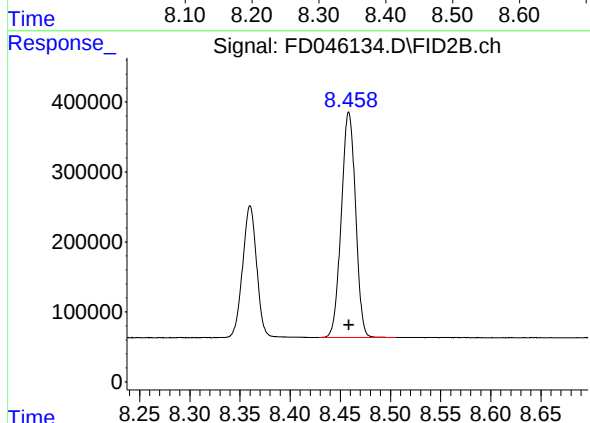
R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 2983719
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



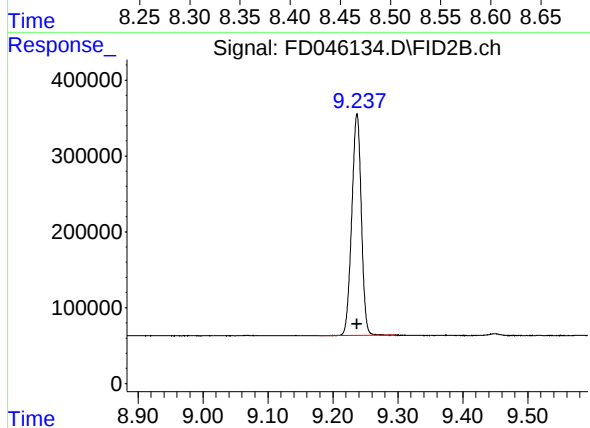
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.360 min
Delta R.T.: 0.000 min
Response: 1835777
Conc: 20.00 ug/ml



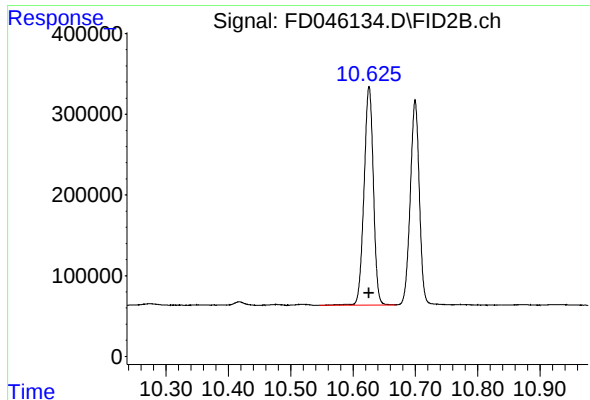
#7 Acenaphthene (C15.5)

R.T.: 8.459 min
Delta R.T.: 0.000 min
Response: 3187651
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

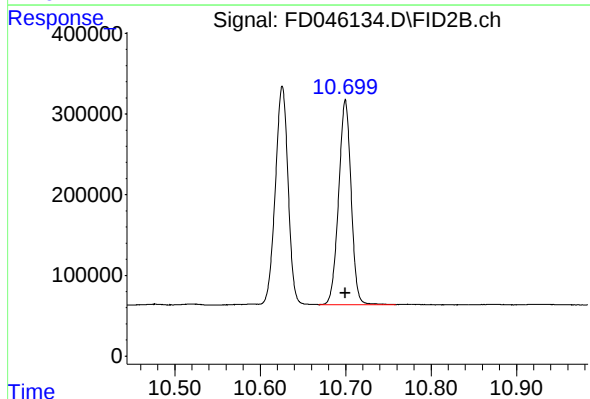
R.T.: 9.237 min
Delta R.T.: 0.000 min
Response: 2987975
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

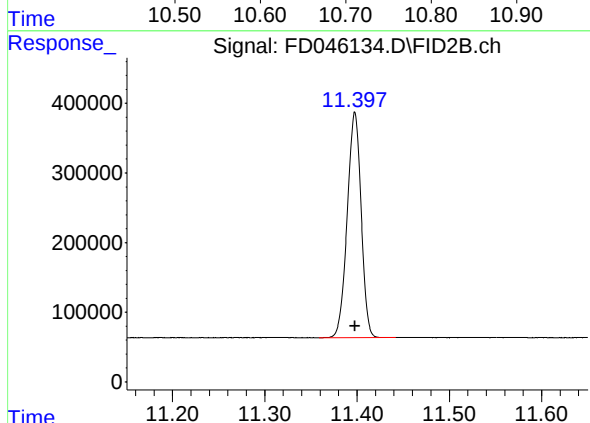
R.T.: 10.626 min
Delta R.T.: 0.000 min
Response: 2828725
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



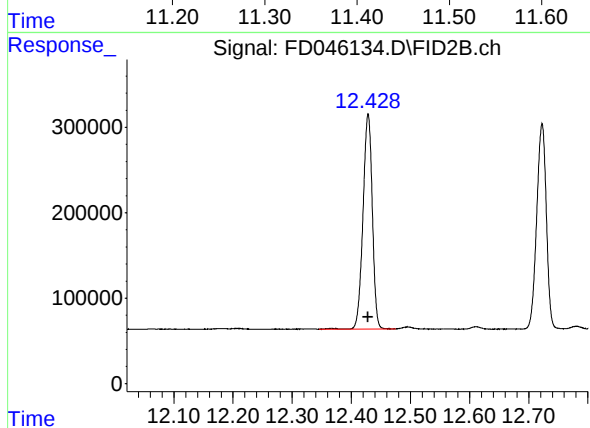
#10 Anthracene (C19.43)

R.T.: 10.700 min
Delta R.T.: 0.000 min
Response: 2571970
Conc: 20.00 ug/ml



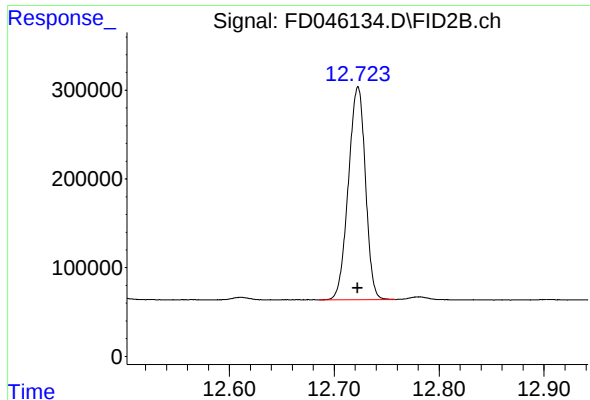
#11 ortho-Terphenyl (SURR)

R.T.: 11.398 min
Delta R.T.: 0.000 min
Response: 3388332
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

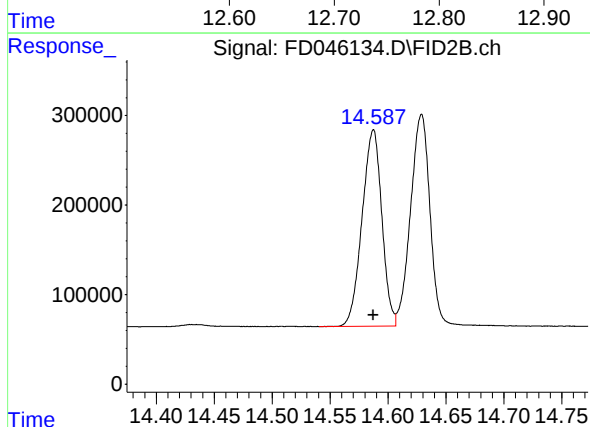
R.T.: 12.428 min
Delta R.T.: 0.000 min
Response: 2749724
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

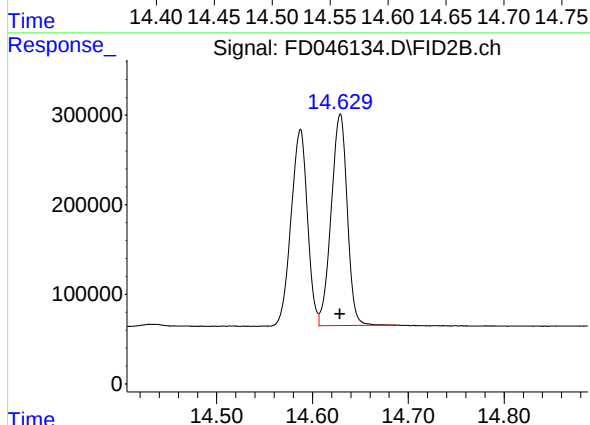
R.T.: 12.722 min
Delta R.T.: 0.000 min
Response: 2710340
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



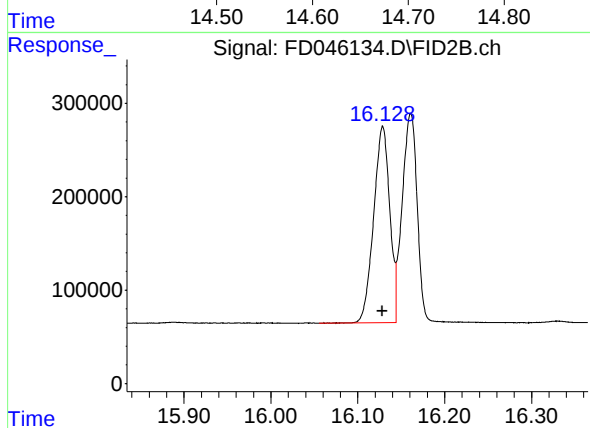
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.587 min
Delta R.T.: 0.000 min
Response: 2602354
Conc: 20.00 ug/ml



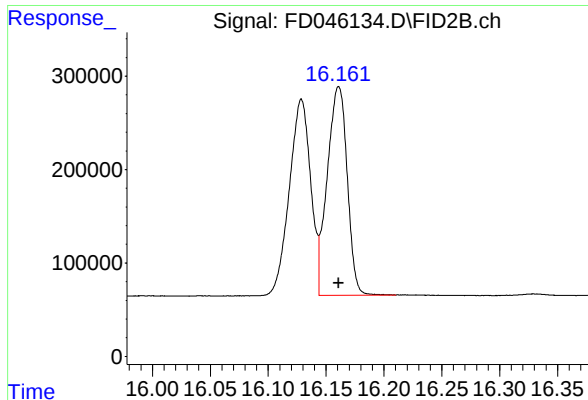
#15 Chrysene (C27.41)

R.T.: 14.629 min
Delta R.T.: 0.000 min
Response: 2749486
Conc: 20.00 ug/ml



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

R.T.: 16.129 min
Delta R.T.: 0.000 min
Response: 2699147
Conc: 20.05 ug/ml



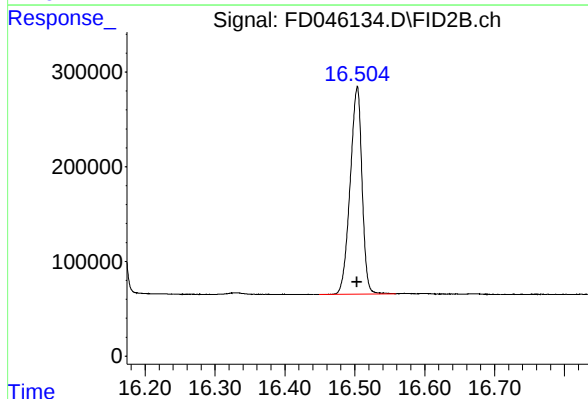
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.161 min
Delta R.T.: 0.000 min
Response: 2685481
Conc: 20.00 ug/ml

Instrument :

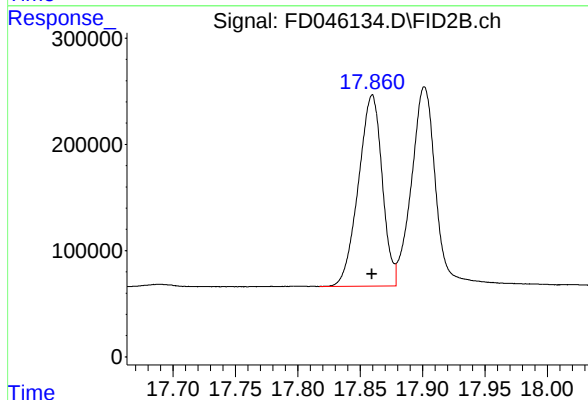
FID_D

ClientSampleId :



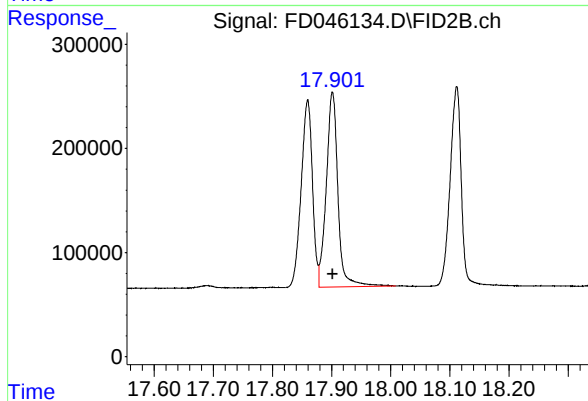
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.503 min
Delta R.T.: 0.000 min
Response: 2591720
Conc: 20.00 ug/ml



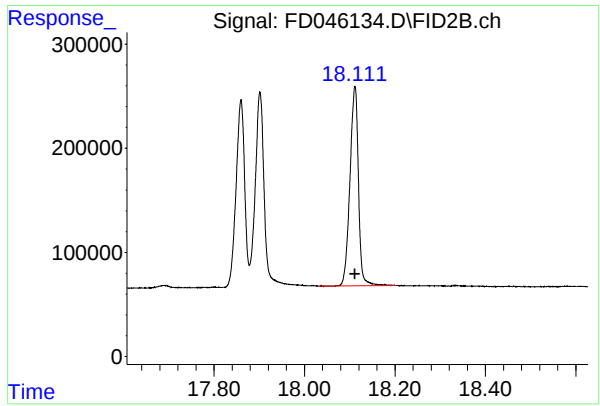
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.859 min
Delta R.T.: 0.000 min
Response: 2382051
Conc: 20.00 ug/ml



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

R.T.: 17.901 min
Delta R.T.: 0.000 min
Response: 2565165
Conc: 20.00 ug/ml



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

R.T.: 18.111 min
Delta R.T.: 0.000 min
Response: 2502548
Conc: 20.00 ug/ml

Instrument :

FID_D

ClientSampleId :