

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022624AR\
 Data File : FD047309.D
 Signal(s) : FID2B.ch
 Acq On : 26 Feb 2024 11:30
 Operator : YP/AJ
 Sample : PB159268BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB159268BSD

Integration File: autoint1.e
 Quant Time: Feb 27 02:59:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 2024
 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...	7.466	7493726	49.222 ug/ml
Spiked Amount 50.000		Recovery =	98.44%
6) S 2-Fluorobiphenyl (SURR)	8.318	4863630	48.117 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.23%
11) S ortho-Terphenyl (SURR)	11.355	6873137	38.970 ug/ml
Spiked Amount 50.000		Recovery =	77.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.279	4581515	29.062 ug/ml
2) T Naphthalene (C11.7)	5.804	5612990	33.773 ug/ml
3) T 2-Methylnaphthalene (...)	6.853	5905603	35.019 ug/ml
5) T Acenaphthylene (C15.06)	8.122	6320119	41.063 ug/ml
7) T Acenaphthene (C15.5)	8.418	6289786	38.159 ug/ml
8) T Flouorene (C16.55)	9.196	6627439	41.801 ug/ml
9) T Phenanthrene (C19.36)	10.585	6838551	44.018 ug/ml
10) T Anthracene (C19.43)	10.659	6431909	43.616 ug/ml
12) T Fluoranthene (C21.85)	12.388	7174394	46.337 ug/ml
13) T Pyrene (C20.8)	12.682	7129341	47.394 ug/ml
14) T Benzo[a]anthracene (C...	14.547	6649812	49.469 ug/ml
15) T Chrysene (C27.41)	14.591	6719715	45.889 ug/ml
16) T benzo[b]fluoranthene ...	16.090	6427165	46.680 ug/ml
17) T Bnezo[k]fluoranthene ...	16.126	6474275	46.659 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.466	6132546	45.300 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.827	6391208	50.625 ug/ml
20) T Dibenz[a,h]anthracene...	17.867	6155871	46.201 ug/ml
21) T Benzo[g,h,i]perylene ...	18.080	5893685	44.449 ug/ml

(f)=RT Delta > 1/2 Window

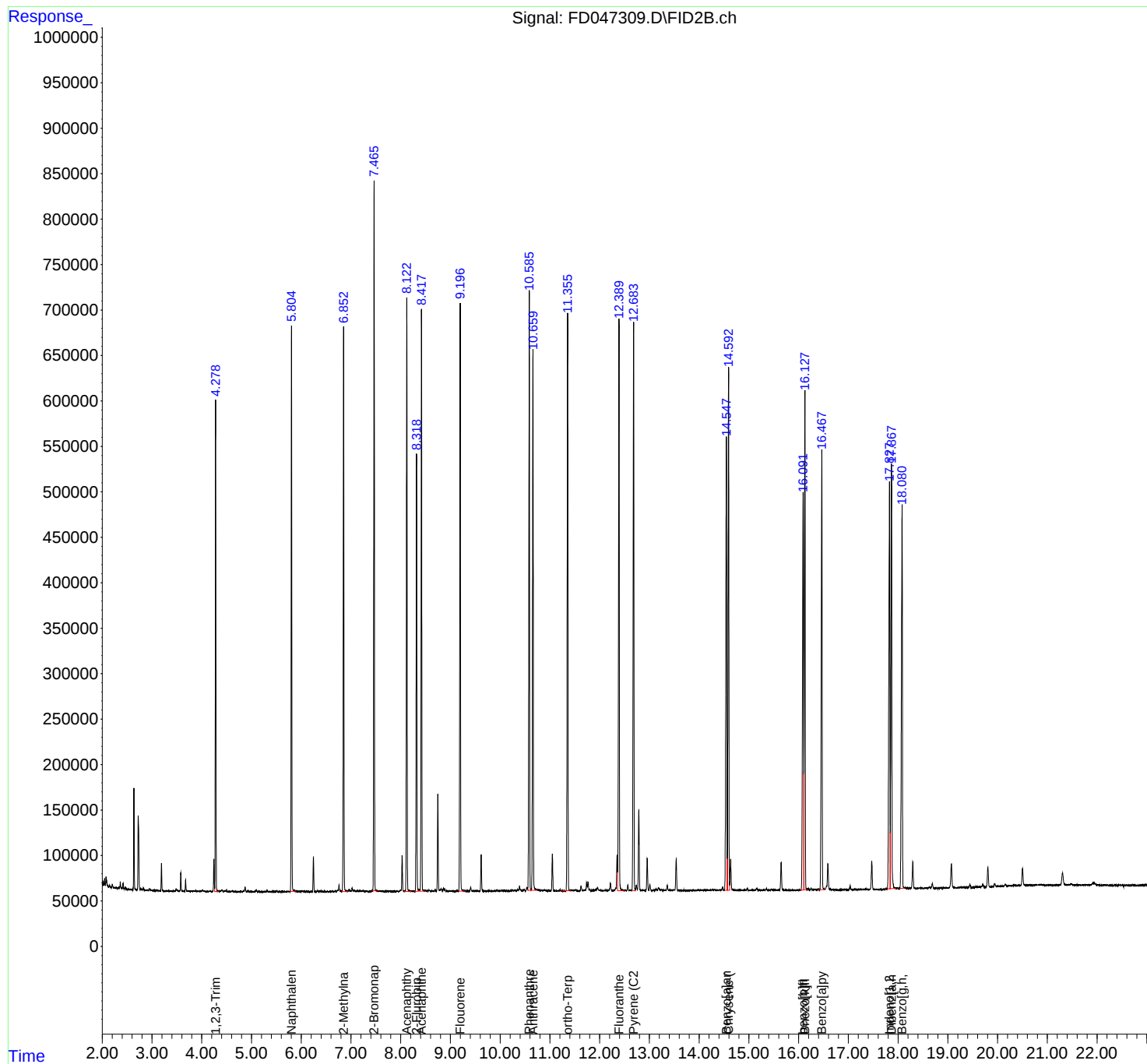
(m)=manual int.

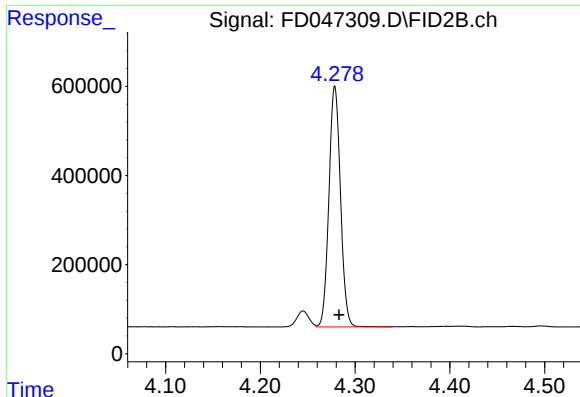
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#1 1,2,3-Trimethylbenzene (C10.1)

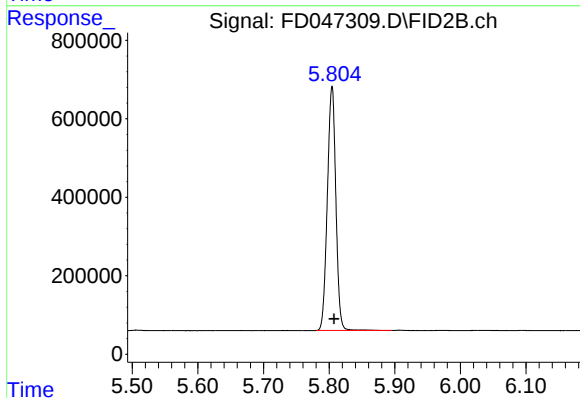
R.T.: 4.279 min
Delta R.T.: -0.004 min
Response: 4581515
Conc: 29.06 ug/ml

Instrument :

FID_D

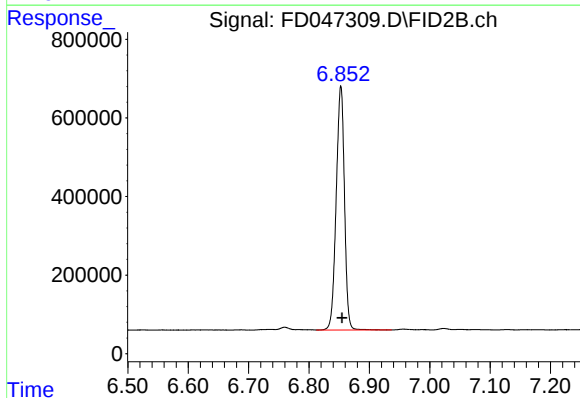
ClientSampleId :

PB159268BSD



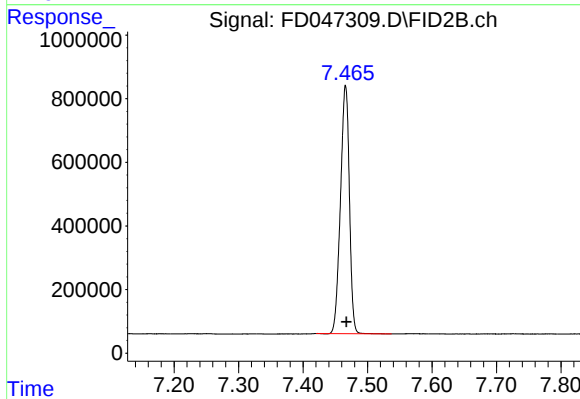
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 5612990
Conc: 33.77 ug/ml



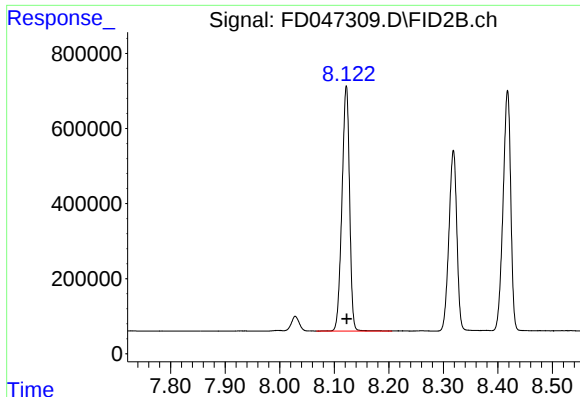
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.853 min
Delta R.T.: -0.002 min
Response: 5905603
Conc: 35.02 ug/ml



#4 2-Bromonaphthalene (SURR)

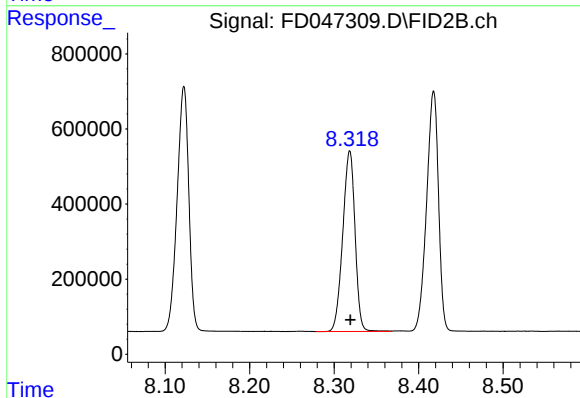
R.T.: 7.466 min
Delta R.T.: -0.001 min
Response: 7493726
Conc: 49.22 ug/ml



#5 Acenaphthylene (C15.06)

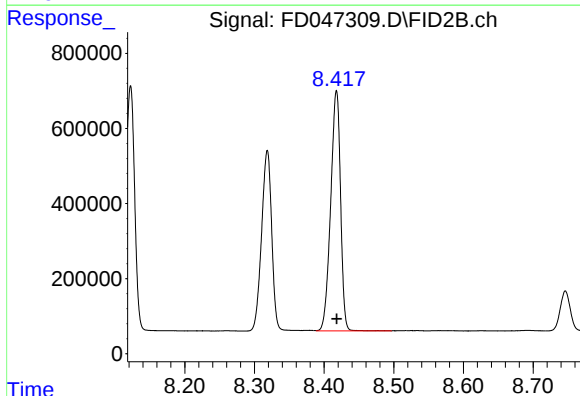
R.T.: 8.122 min
Delta R.T.: 0.000 min
Response: 6320119
Conc: 41.06 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159268BSD



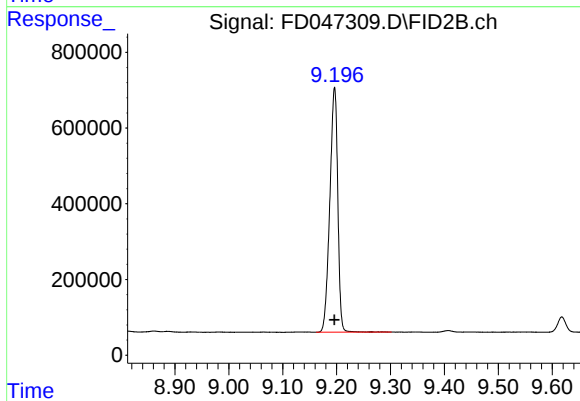
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.318 min
Delta R.T.: 0.000 min
Response: 4863630
Conc: 48.12 ug/ml



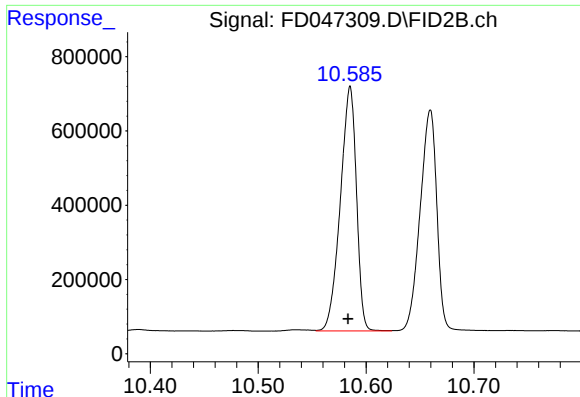
#7 Acenaphthene (C15.5)

R.T.: 8.418 min
Delta R.T.: 0.000 min
Response: 6289786
Conc: 38.16 ug/ml



#8 Fluorene (C16.55)

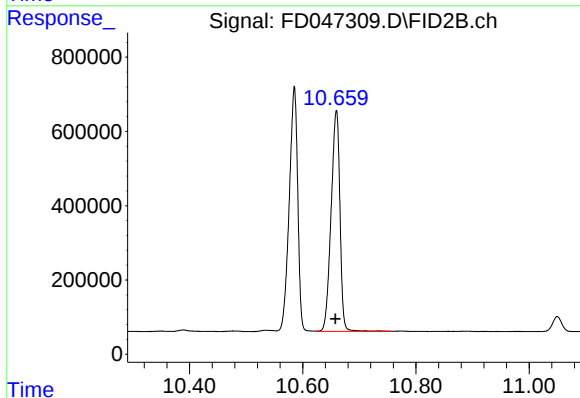
R.T.: 9.196 min
Delta R.T.: 0.000 min
Response: 6627439
Conc: 41.80 ug/ml



#9 Phenanthrene (C19.36)

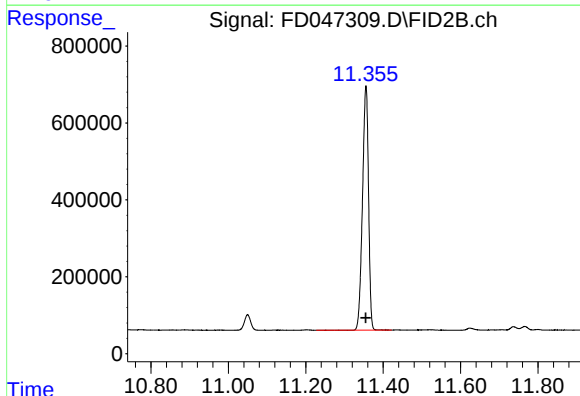
R.T.: 10.585 min
Delta R.T.: 0.002 min
Response: 6838551
Conc: 44.02 ug/ml

Instrument :
FID_D
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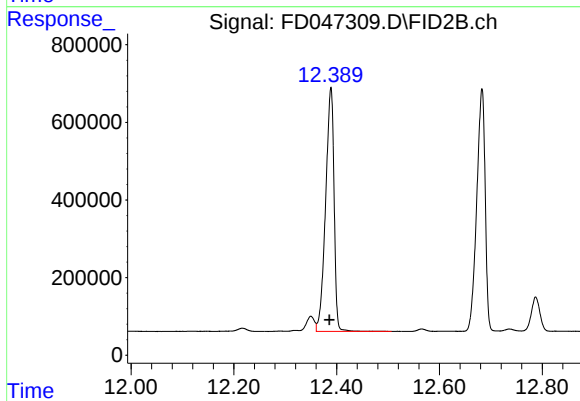
#10 Anthracene (C19.43)

R.T.: 10.659 min
Delta R.T.: 0.001 min
Response: 6431909
Conc: 43.62 ug/ml



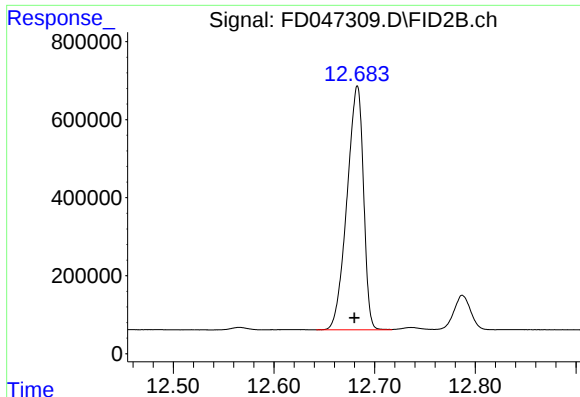
#11 ortho-Terphenyl (SURR)

R.T.: 11.355 min
Delta R.T.: 0.000 min
Response: 6873137
Conc: 38.97 ug/ml



#12 Fluoranthene (C21.85)

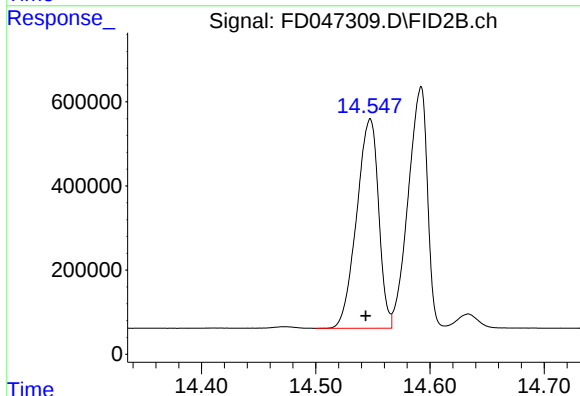
R.T.: 12.388 min
Delta R.T.: 0.002 min
Response: 7174394
Conc: 46.34 ug/ml



#13 Pyrene (C20.8)

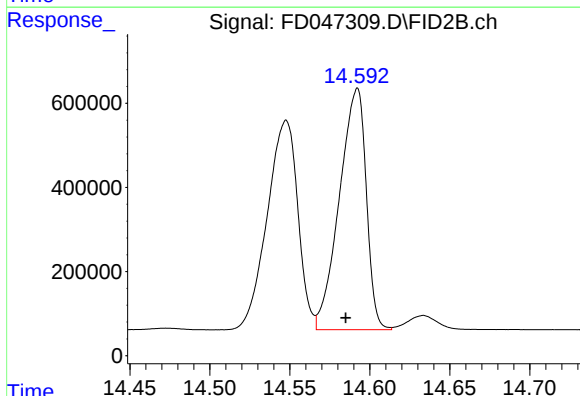
R.T.: 12.682 min
Delta R.T.: 0.002 min
Response: 7129341
Conc: 47.39 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159268BSD



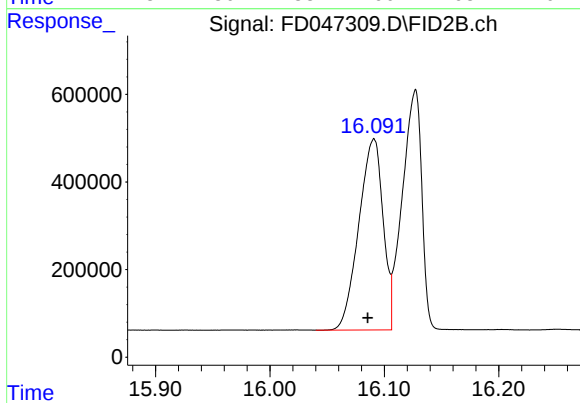
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.547 min
Delta R.T.: 0.003 min
Response: 6649812
Conc: 49.47 ug/ml



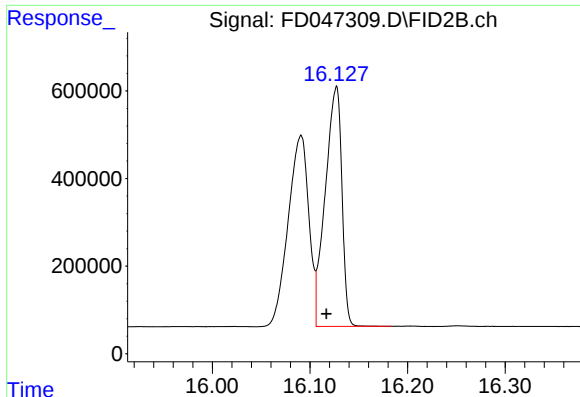
#15 Chrysene (C27.41)

R.T.: 14.591 min
Delta R.T.: 0.006 min
Response: 6719715
Conc: 45.89 ug/ml



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

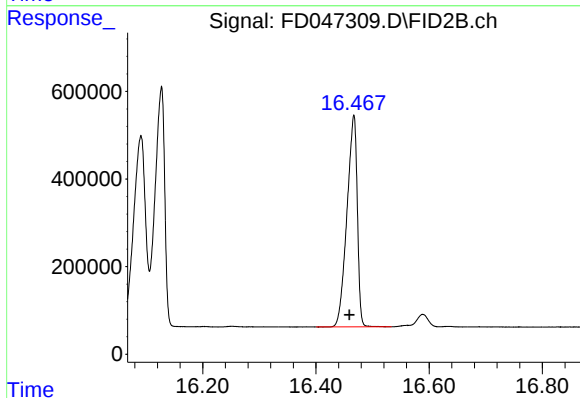
R.T.: 16.090 min
Delta R.T.: 0.005 min
Response: 6427165
Conc: 46.68 ug/ml



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

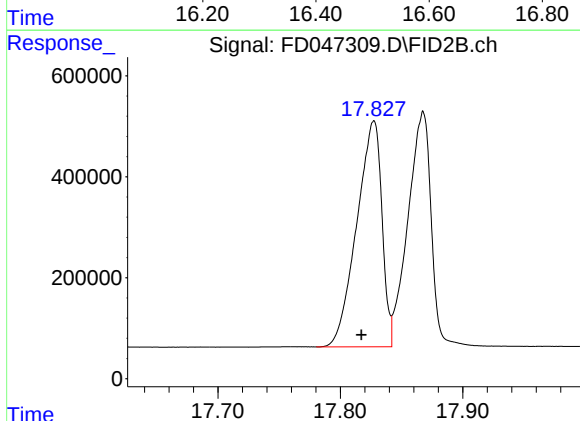
R.T.: 16.126 min
Delta R.T.: 0.010 min
Response: 6474275
Conc: 46.66 ug/ml

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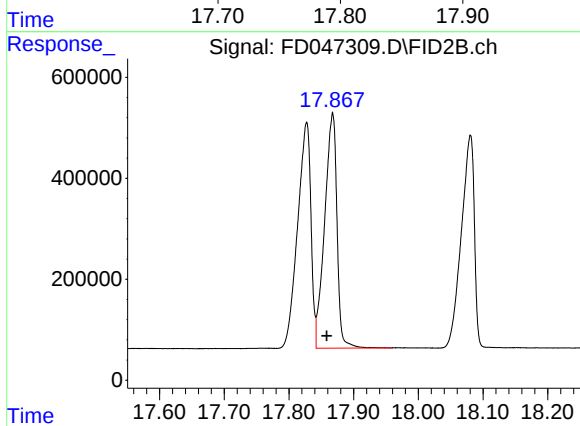
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.466 min
Delta R.T.: 0.007 min
Response: 6132546
Conc: 45.30 ug/ml



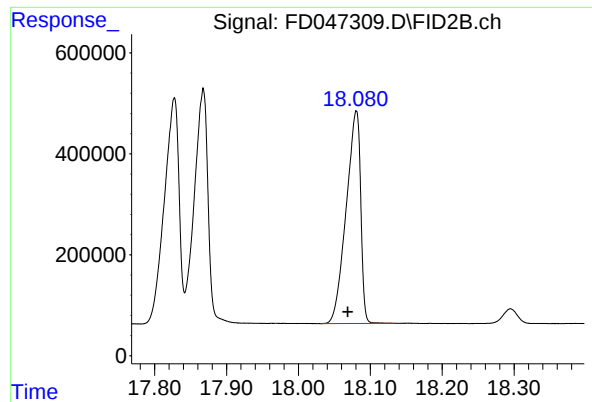
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.827 min
Delta R.T.: 0.009 min
Response: 6391208
Conc: 50.62 ug/ml



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

R.T.: 17.867 min
Delta R.T.: 0.008 min
Response: 6155871
Conc: 46.20 ug/ml



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

R.T.: 18.080 min
Delta R.T.: 0.011 min
Response: 5893685
Conc: 44.45 ug/ml

Instrument :

FID_D

ClientSampleId :

PB159268BSD