

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040824AR\
 Data File : FD047490.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2024 13:37
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 09 01:42:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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...	7.456	3067702	20.520 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
6) S 2-Fluorobiphenyl (SURR)	8.309	1995897	20.427 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.85%
11) S ortho-Terphenyl (SURR)	11.345	3529038	20.586 ug/ml
Spiked Amount 50.000		Recovery =	41.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.273	3269031	20.688 ug/ml
2) T Naphthalene (C11.7)	5.798	3369866	20.593 ug/ml
3) T 2-Methylnaphthalene (...)	6.845	3369376	20.485 ug/ml
5) T Acenaphthylene (C15.06)	8.113	3061623	20.284 ug/ml
7) T Acenaphthene (C15.5)	8.408	3267830	20.403 ug/ml
8) T Flouorene (C16.55)	9.185	3146559	20.340 ug/ml
9) T Phenanthrene (C19.36)	10.574	3039667	20.430 ug/ml
10) T Anthracene (C19.43)	10.648	2464578	18.121 ug/ml
12) T Fluoranthene (C21.85)	12.377	3020345	20.431 ug/ml
13) T Pyrene (C20.8)	12.670	2938095	20.358 ug/ml
14) T Benzo[a]anthracene (C...	14.535	2652233	20.167 ug/ml
15) T Chrysene (C27.41)	14.577	2864848	20.317 ug/ml
16) T benzo[b]fluoranthene ...	16.079	2846075	20.400 ug/ml
17) T Bnezo[k]fluoranthene ...	16.111	2872811	20.655 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.454	2784929	20.283 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.814	2709364	20.086 ug/ml
20) T Dibenz[a,h]anthracene...	17.854	2817032	20.960 ug/ml
21) T Benzo[g,h,i]perylene ...	18.067	2820293	20.321 ug/ml

(f)=RT Delta > 1/2 Window

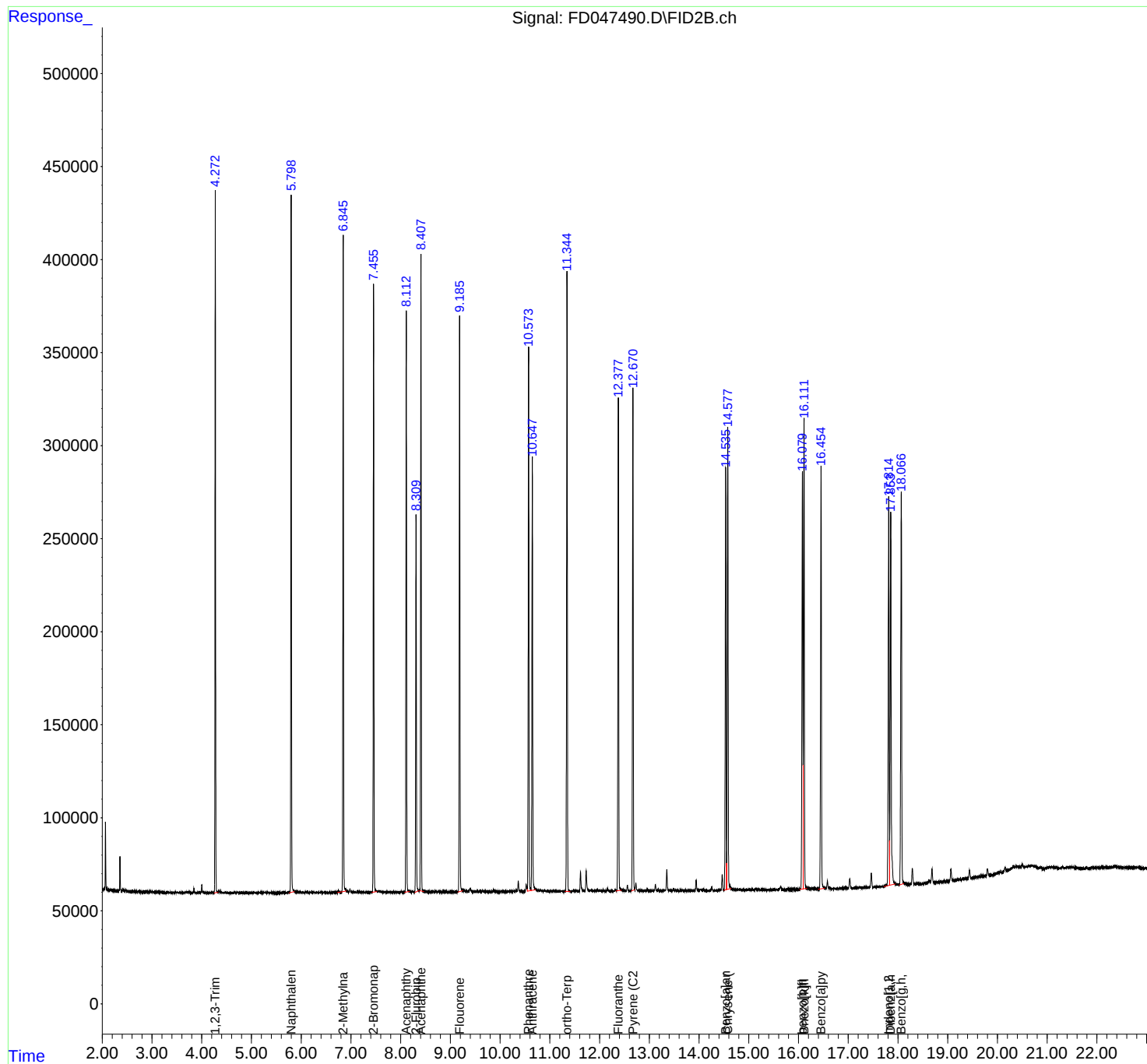
(m)=manual int.

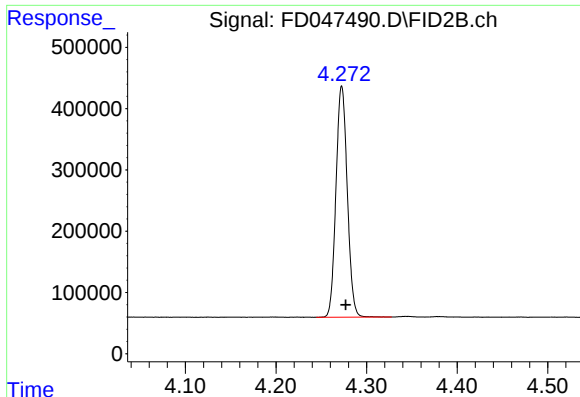
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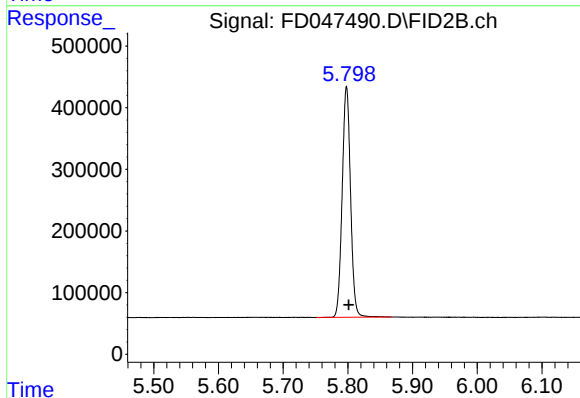




#1 1,2,3-Trimethylbenzene (C10.1)

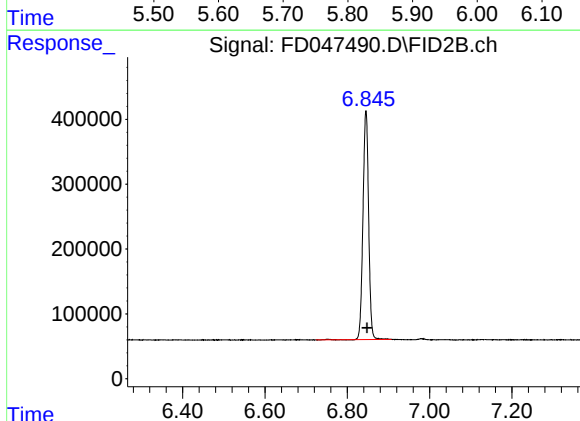
R.T.: 4.273 min
Delta R.T.: -0.004 min
Response: 3269031
Conc: 20.69 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



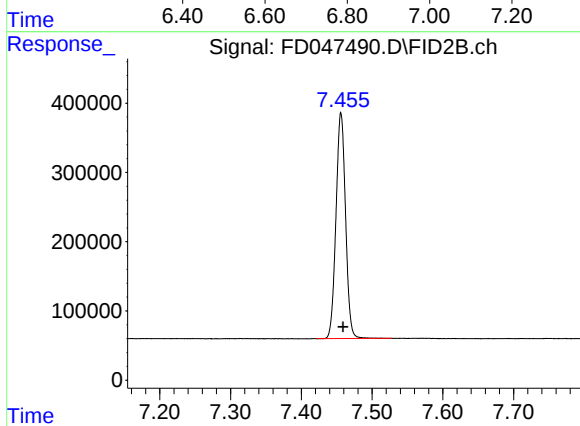
#2 Naphthalene (C11.7)

R.T.: 5.798 min
Delta R.T.: -0.003 min
Response: 3369866
Conc: 20.59 ug/ml



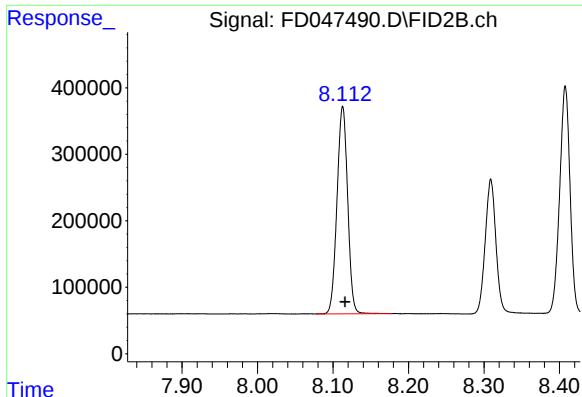
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.845 min
Delta R.T.: -0.003 min
Response: 3369376
Conc: 20.48 ug/ml



#4 2-Bromonaphthalene (SURR)

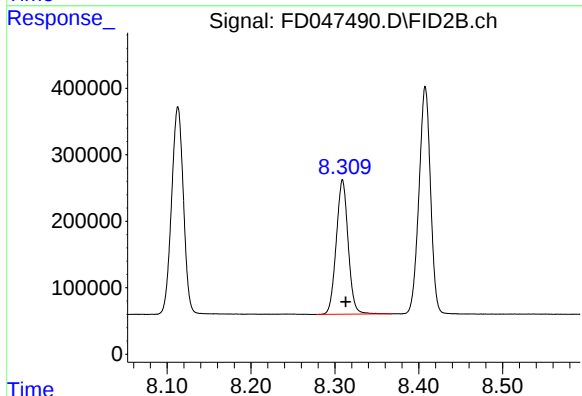
R.T.: 7.456 min
Delta R.T.: -0.003 min
Response: 3067702
Conc: 20.52 ug/ml



#5 Acenaphthylene (C15.06)

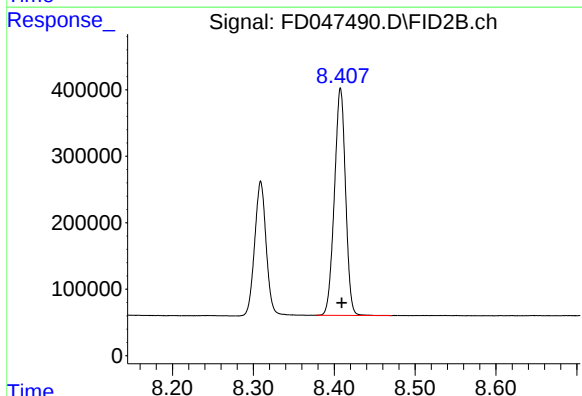
R.T.: 8.113 min
Delta R.T.: -0.003 min
Response: 3061623
Conc: 20.28 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



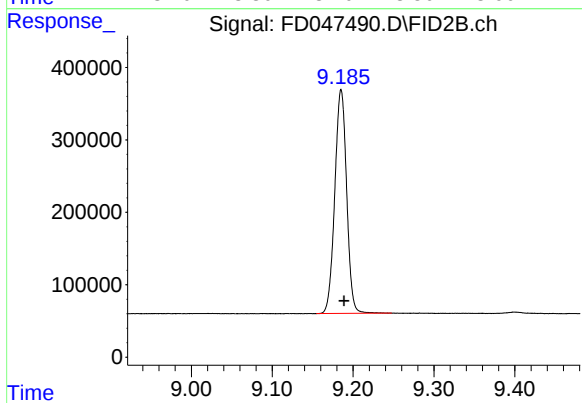
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.309 min
Delta R.T.: -0.004 min
Response: 1995897
Conc: 20.43 ug/ml



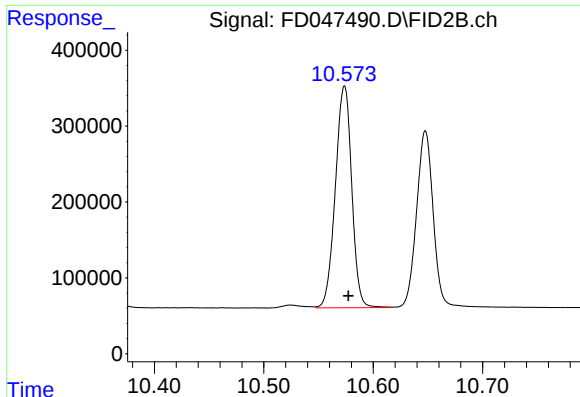
#7 Acenaphthene (C15.5)

R.T.: 8.408 min
Delta R.T.: -0.002 min
Response: 3267830
Conc: 20.40 ug/ml



#8 Flouorene (C16.55)

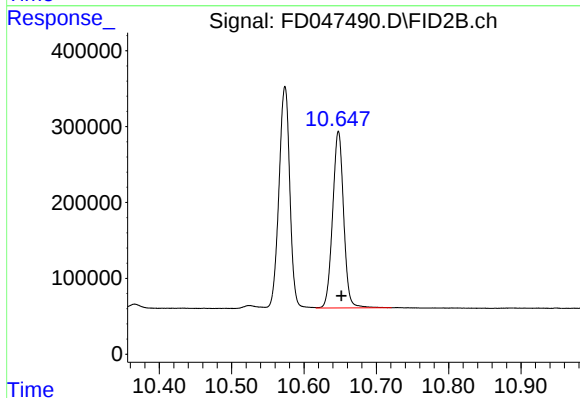
R.T.: 9.185 min
Delta R.T.: -0.003 min
Response: 3146559
Conc: 20.34 ug/ml



#9 Phenanthrene (C19.36)

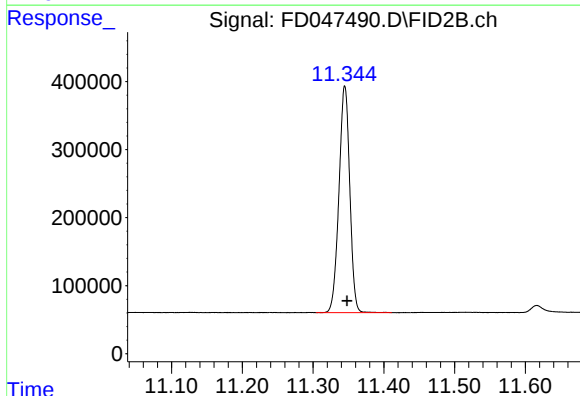
R.T.: 10.574 min
Delta R.T.: -0.004 min
Response: 3039667
Conc: 20.43 ug/ml

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20 PPM AROMATIC HC STD



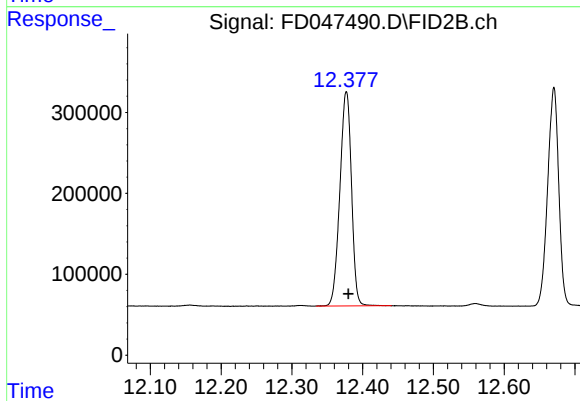
#10 Anthracene (C19.43)

R.T.: 10.648 min
Delta R.T.: -0.004 min
Response: 2464578
Conc: 18.12 ug/ml



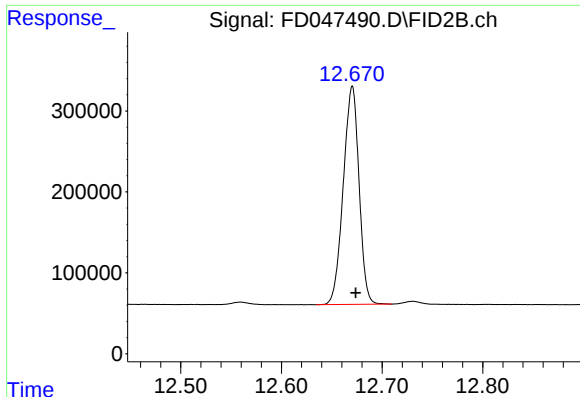
#11 ortho-Terphenyl (SURR)

R.T.: 11.345 min
Delta R.T.: -0.003 min
Response: 3529038
Conc: 20.59 ug/ml



#12 Fluoranthene (C21.85)

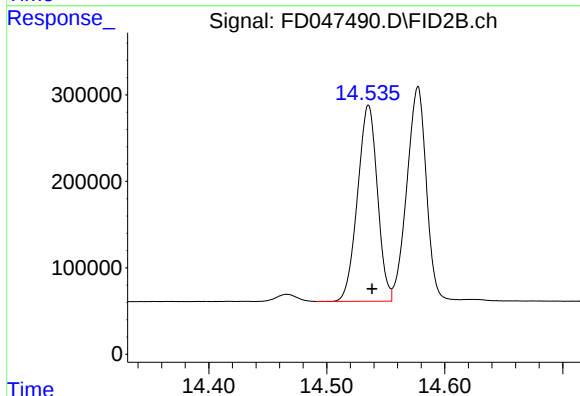
R.T.: 12.377 min
Delta R.T.: -0.003 min
Response: 3020345
Conc: 20.43 ug/ml



#13 Pyrene (C20.8)

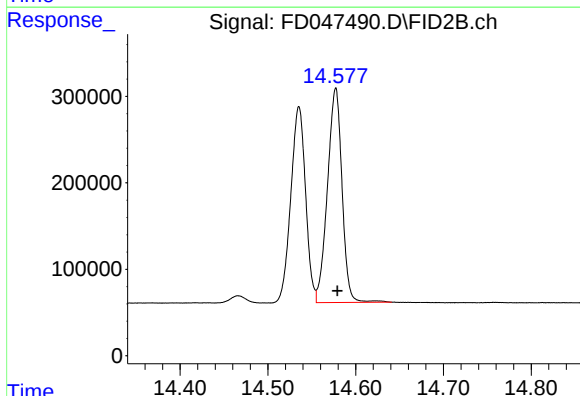
R.T.: 12.670 min
Delta R.T.: -0.004 min
Response: 2938095
Conc: 20.36 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



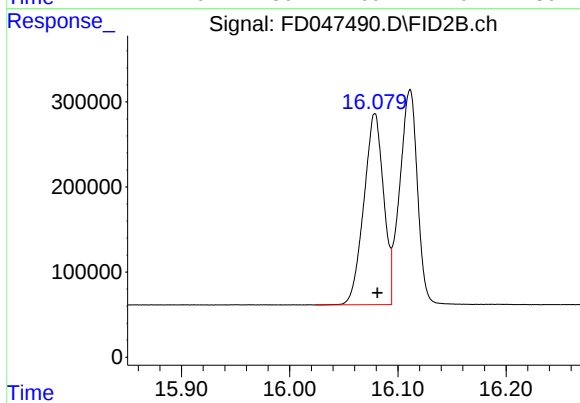
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.535 min
Delta R.T.: -0.003 min
Response: 2652233
Conc: 20.17 ug/ml



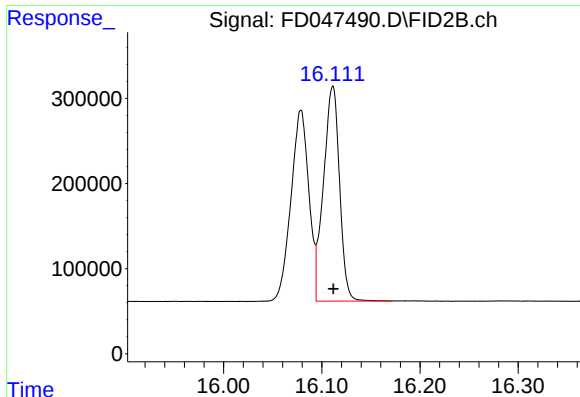
#15 Chrysene (C27.41)

R.T.: 14.577 min
Delta R.T.: -0.002 min
Response: 2864848
Conc: 20.32 ug/ml



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

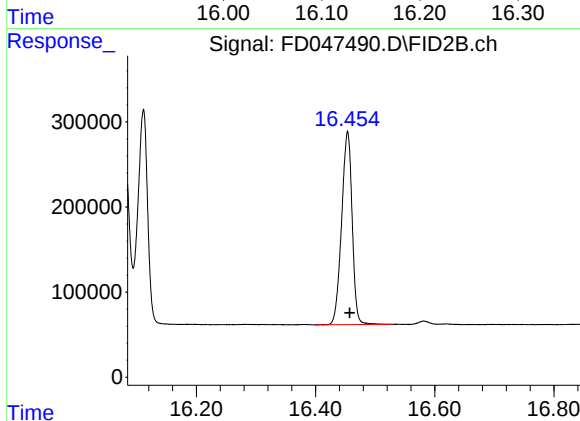
R.T.: 16.079 min
Delta R.T.: -0.002 min
Response: 2846075
Conc: 20.40 ug/ml



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

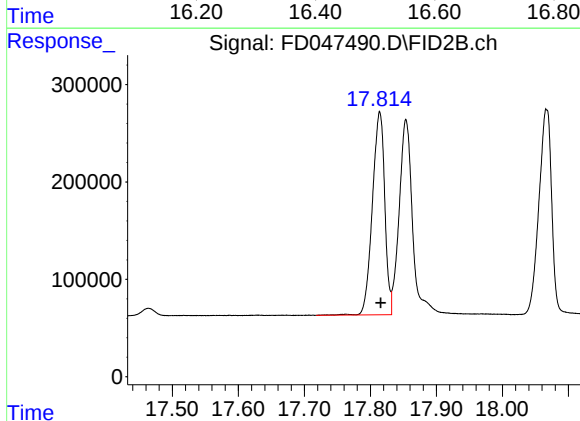
R.T.: 16.111 min
Delta R.T.: -0.001 min
Response: 2872811
Conc: 20.65 ug/ml

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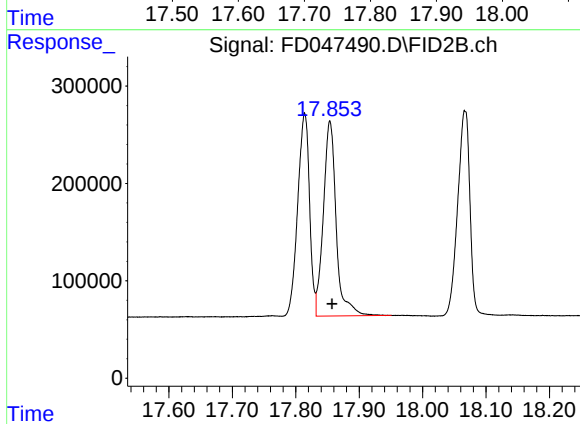
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.454 min
Delta R.T.: -0.004 min
Response: 2784929
Conc: 20.28 ug/ml



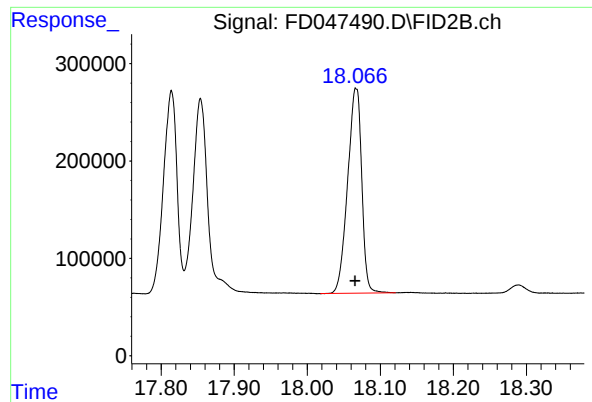
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.814 min
Delta R.T.: -0.002 min
Response: 2709364
Conc: 20.09 ug/ml



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

R.T.: 17.854 min
Delta R.T.: -0.003 min
Response: 2817032
Conc: 20.96 ug/ml



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

R.T.: 18.067 min
Delta R.T.: 0.001 min
Response: 2820293
Conc: 20.32 ug/ml

Instrument :

FID_D

ClientSampleId :

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