

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021524AR\
 Data File : FD047259.D
 Signal(s) : FID2B.ch
 Acq On : 15 Feb 2024 10:48
 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: Feb 16 02:34:50 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...	7.465	3183252	20.909 ug/ml
Spiked Amount 50.000		Recovery =	41.82%
6) S 2-Fluorobiphenyl (SURR)	8.317	2091142	20.688 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.38%
11) S ortho-Terphenyl (SURR)	11.354	3549038	20.123 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.280	3359735	21.312 ug/ml
2) T Naphthalene (C11.7)	5.805	3490386	21.002 ug/ml
3) T 2-Methylnaphthalene (...)	6.852	3545569	21.024 ug/ml
5) T Acenaphthylene (C15.06)	8.121	3169740	20.594 ug/ml
7) T Acenaphthene (C15.5)	8.415	3379734	20.504 ug/ml
8) T Flouorene (C16.55)	9.193	3275329	20.658 ug/ml
9) T Phenanthrene (C19.36)	10.581	3100533	19.958 ug/ml
10) T Anthracene (C19.43)	10.656	2586731	17.541 ug/ml
12) T Fluoranthene (C21.85)	12.384	3115238	20.120 ug/ml
13) T Pyrene (C20.8)	12.678	2949517	19.607 ug/ml
14) T Benzo[a]anthracene (C...	14.543	2584055	19.223 ug/ml
15) T Chrysene (C27.41)	14.585	2828036	19.313 ug/ml
16) T benzo[b]fluoranthene ...	16.085	2618389	19.017 ug/ml
17) T Bnezo[k]fluoranthene ...	16.117	2791841	20.120 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.459	2538986	18.755 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.818	2419450	19.165 ug/ml
20) T Dibenz[a,h]anthracene...	17.858	2708443	20.327 ug/ml
21) T Benzo[g,h,i]perylene ...	18.069	2539456	19.152 ug/ml

(f)=RT Delta > 1/2 Window

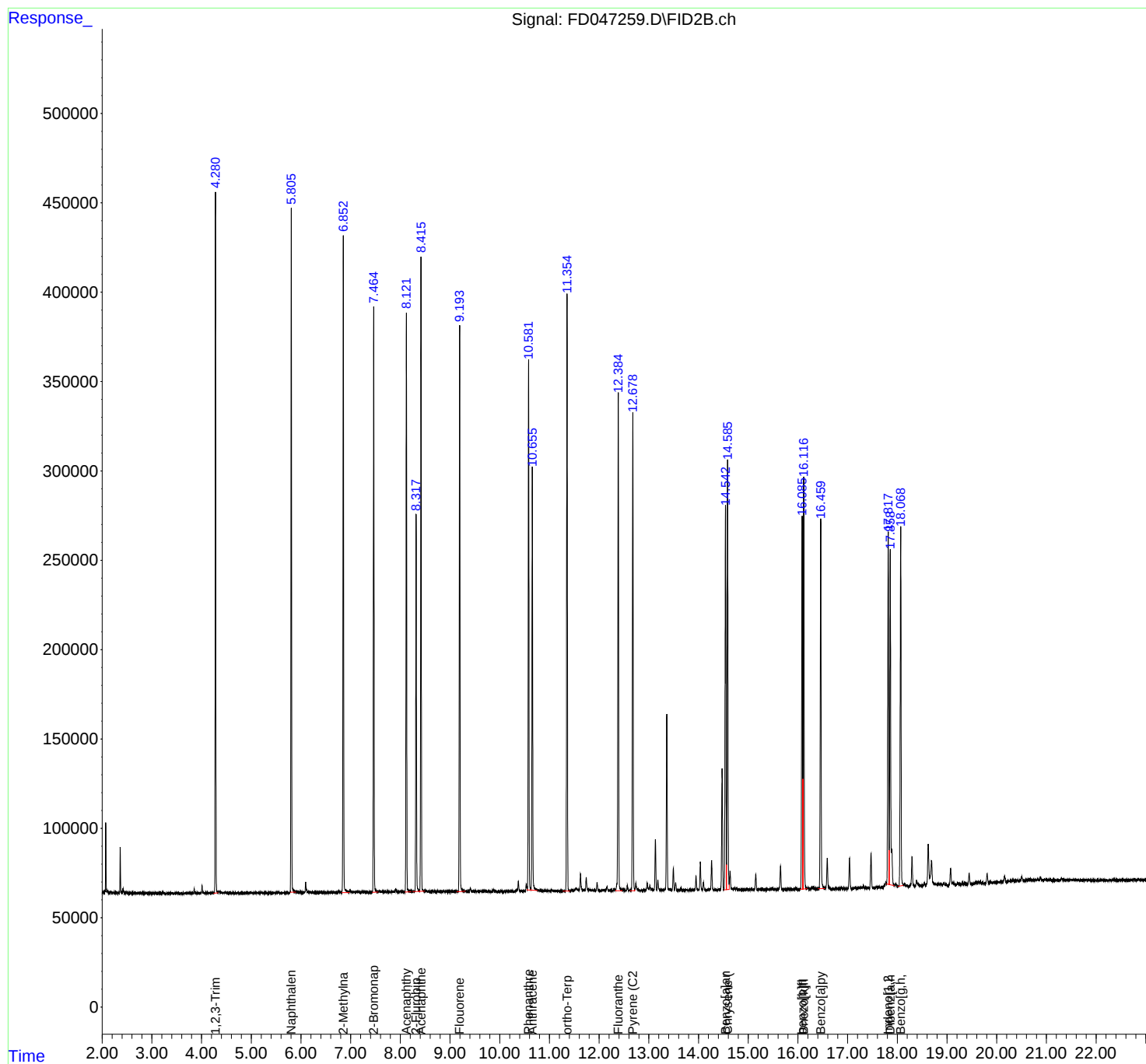
(m)=manual int.

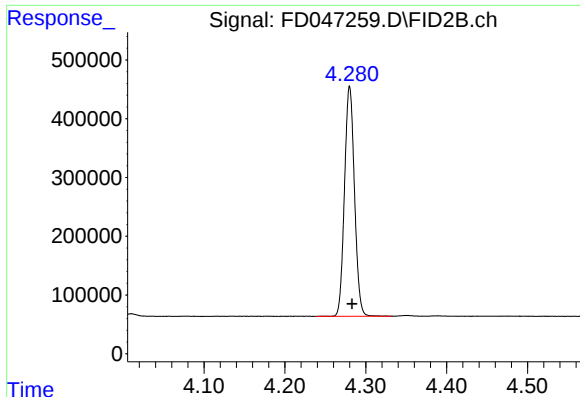
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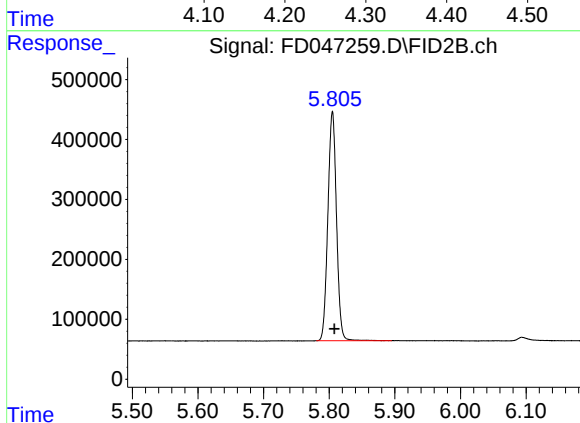




#1 1,2,3-Trimethylbenzene (C10.1)

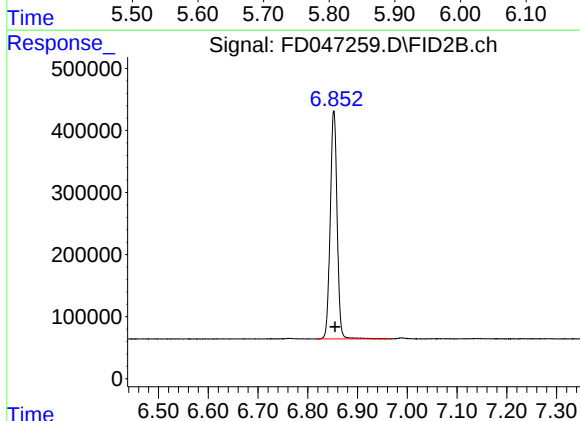
R.T.: 4.280 min
Delta R.T.: -0.003 min
Response: 3359735
Conc: 21.31 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



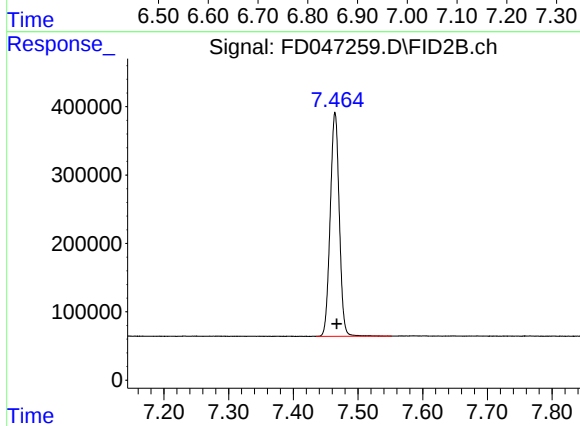
#2 Naphthalene (C11.7)

R.T.: 5.805 min
Delta R.T.: -0.003 min
Response: 3490386
Conc: 21.00 ug/ml



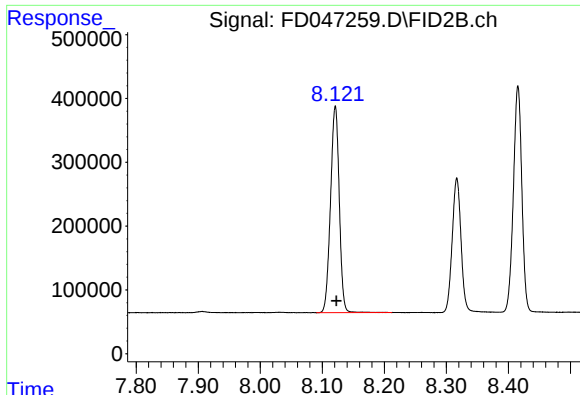
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 3545569
Conc: 21.02 ug/ml



#4 2-Bromonaphthalene (SURR)

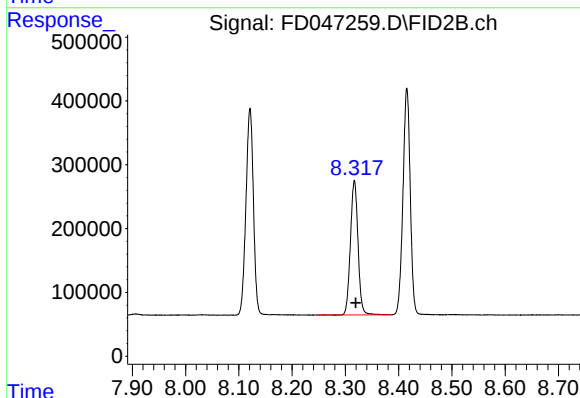
R.T.: 7.465 min
Delta R.T.: -0.003 min
Response: 3183252
Conc: 20.91 ug/ml



#5 Acenaphthylene (C15.06)

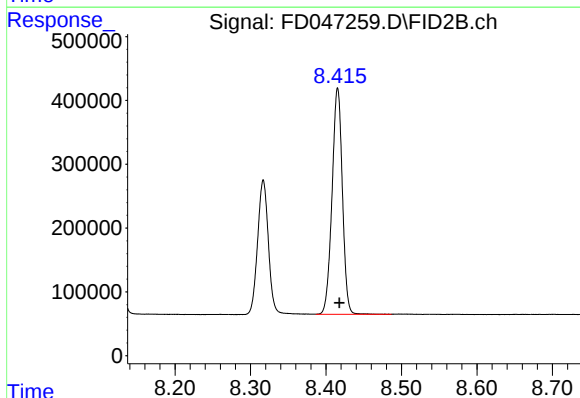
R.T.: 8.121 min
Delta R.T.: -0.002 min
Response: 3169740
Conc: 20.59 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



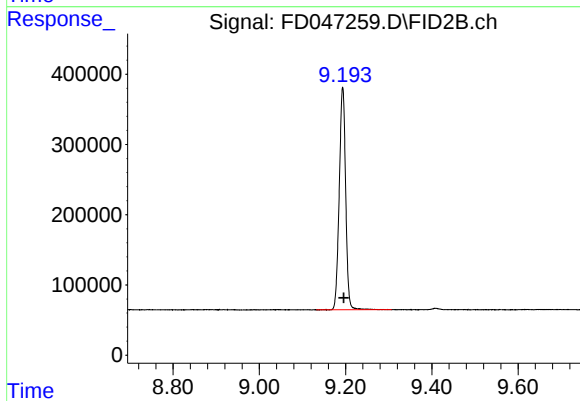
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.317 min
Delta R.T.: -0.002 min
Response: 2091142
Conc: 20.69 ug/ml



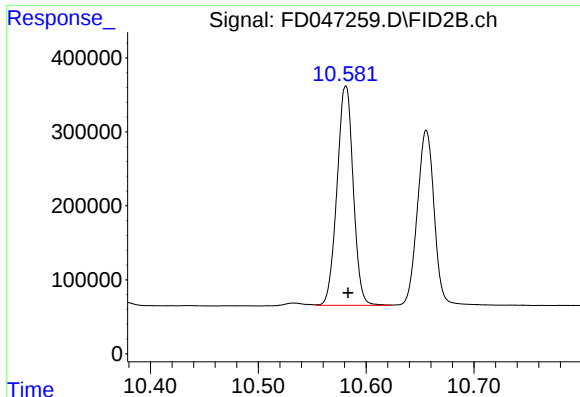
#7 Acenaphthene (C15.5)

R.T.: 8.415 min
Delta R.T.: -0.002 min
Response: 3379734
Conc: 20.50 ug/ml



#8 Fluorene (C16.55)

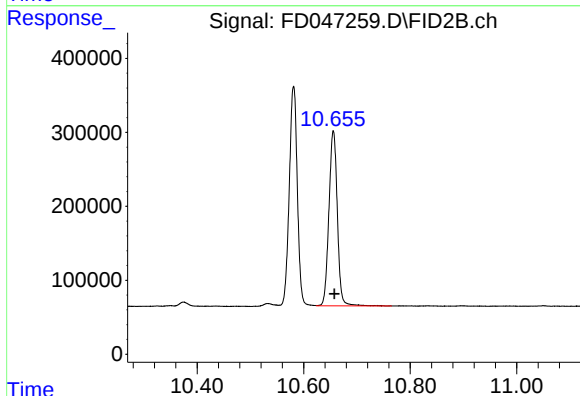
R.T.: 9.193 min
Delta R.T.: -0.002 min
Response: 3275329
Conc: 20.66 ug/ml



#9 Phenanthrene (C19.36)

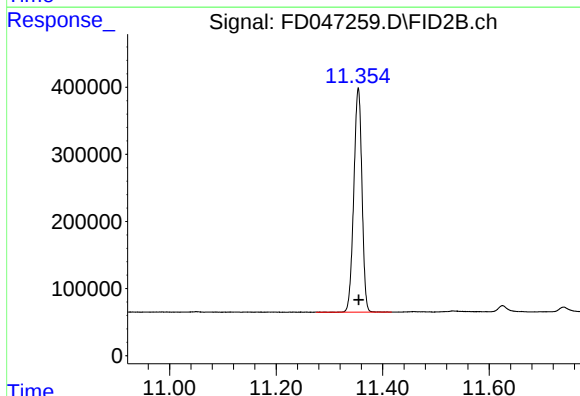
R.T.: 10.581 min
Delta R.T.: -0.002 min
Response: 3100533
Conc: 19.96 ug/ml

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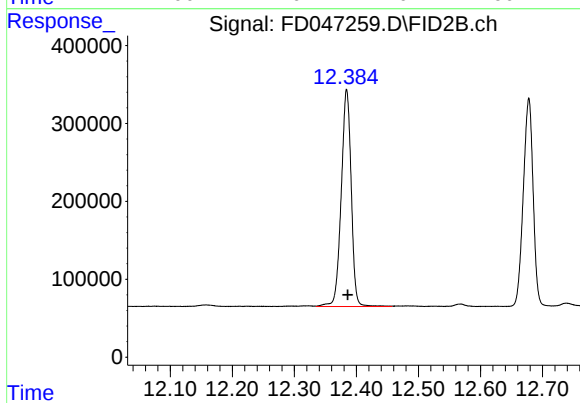
#10 Anthracene (C19.43)

R.T.: 10.656 min
Delta R.T.: -0.002 min
Response: 2586731
Conc: 17.54 ug/ml



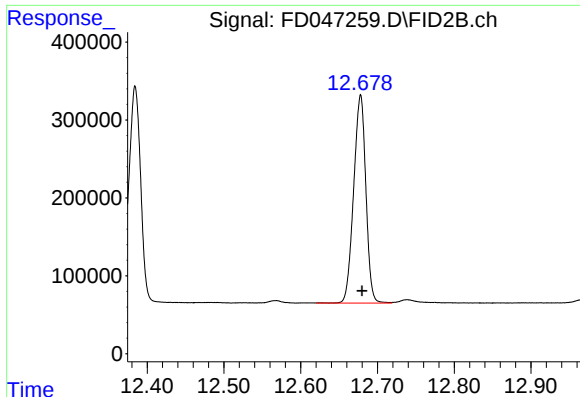
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: -0.001 min
Response: 3549038
Conc: 20.12 ug/ml



#12 Fluoranthene (C21.85)

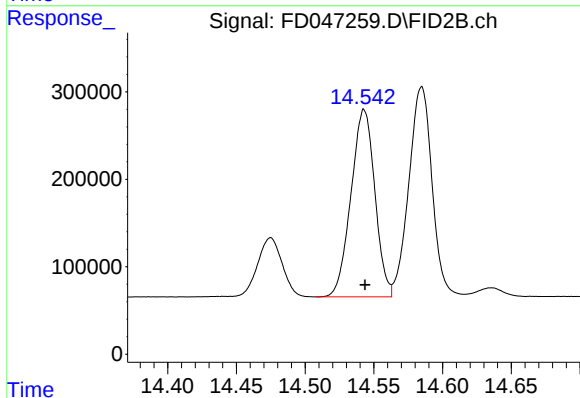
R.T.: 12.384 min
Delta R.T.: -0.002 min
Response: 3115238
Conc: 20.12 ug/ml



#13 Pyrene (C20.8)

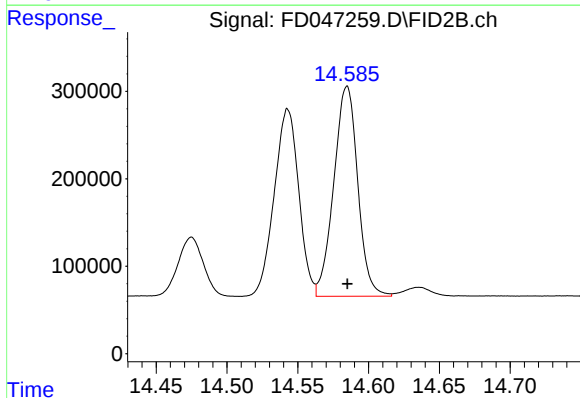
R.T.: 12.678 min
Delta R.T.: -0.002 min
Response: 2949517
Conc: 19.61 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



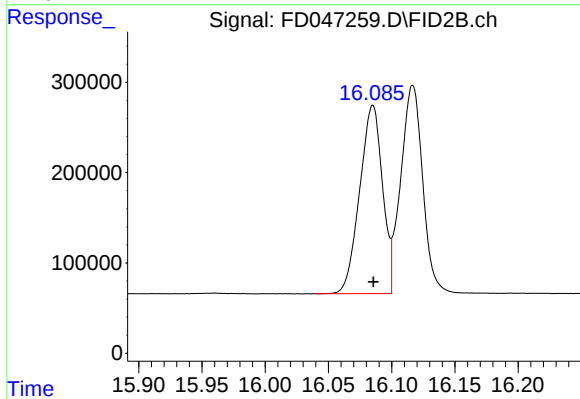
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.543 min
Delta R.T.: 0.000 min
Response: 2584055
Conc: 19.22 ug/ml



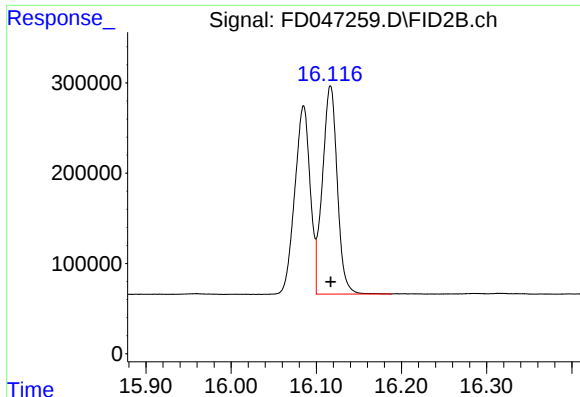
#15 Chrysene (C27.41)

R.T.: 14.585 min
Delta R.T.: 0.000 min
Response: 2828036
Conc: 19.31 ug/ml



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

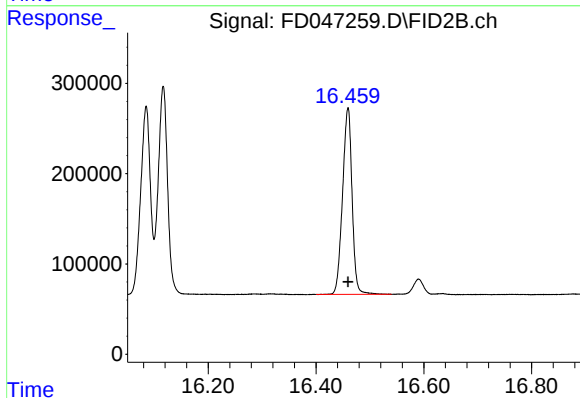
R.T.: 16.085 min
Delta R.T.: 0.000 min
Response: 2618389
Conc: 19.02 ug/ml



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

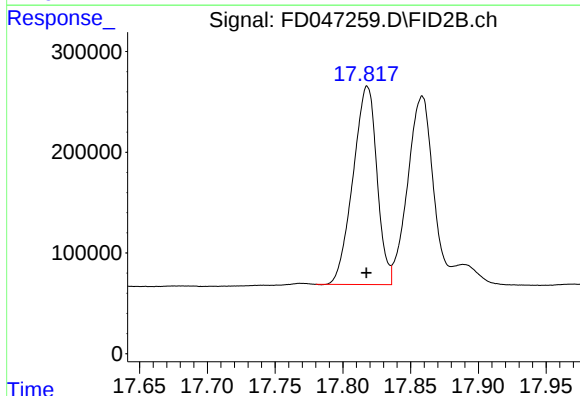
R.T.: 16.117 min
Delta R.T.: 0.000 min
Response: 2791841
Conc: 20.12 ug/ml

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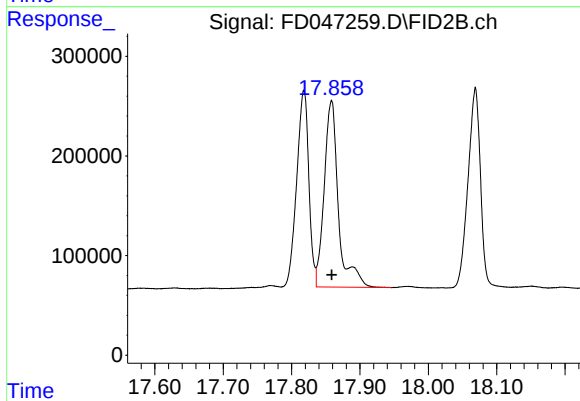
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.459 min
Delta R.T.: 0.000 min
Response: 2538986
Conc: 18.75 ug/ml



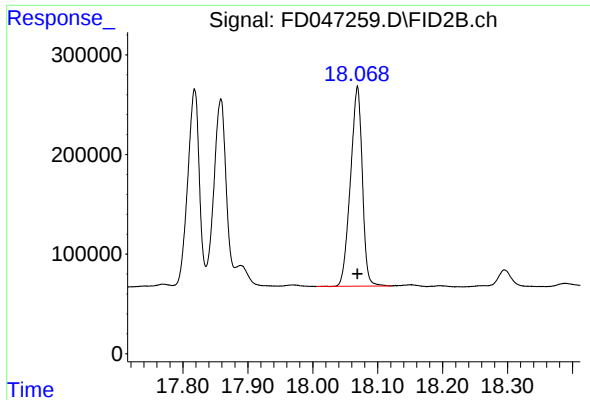
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.818 min
Delta R.T.: 0.000 min
Response: 2419450
Conc: 19.16 ug/ml



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

R.T.: 17.858 min
Delta R.T.: 0.000 min
Response: 2708443
Conc: 20.33 ug/ml



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

R.T.: 18.069 min
Delta R.T.: 0.000 min
Response: 2539456
Conc: 19.15 ug/ml

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