

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
 Data File : FF015240.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 19:42
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jan 15 07:00:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 06:59:49 2025
 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...	7.989	2731387	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.862	1748615	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.924	3528908	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	3269952	20.000 ug/ml
2) T Naphthalene (C11.7)	6.269	3290517	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.363	3276967	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.662	3283469	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.962	3367723	20.000 ug/ml
8) T Fluorene (C16.55)	9.749	3245190	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.154	3286441	20.000 ug/ml
10) T Anthracene (C19.43)	11.229	3038486	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.973	3381047	20.000 ug/ml
13) T Pyrene (C20.8)	13.272	3337101	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.151	3058875	20.000 ug/ml
15) T Chrysene (C27.41)	15.194	3152882	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.709	3035406	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.740	2863212	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.089	2891270	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.458	2562567	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.499	3038214	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.714	2750930	20.000 ug/ml

(f)=RT Delta > 1/2 Window

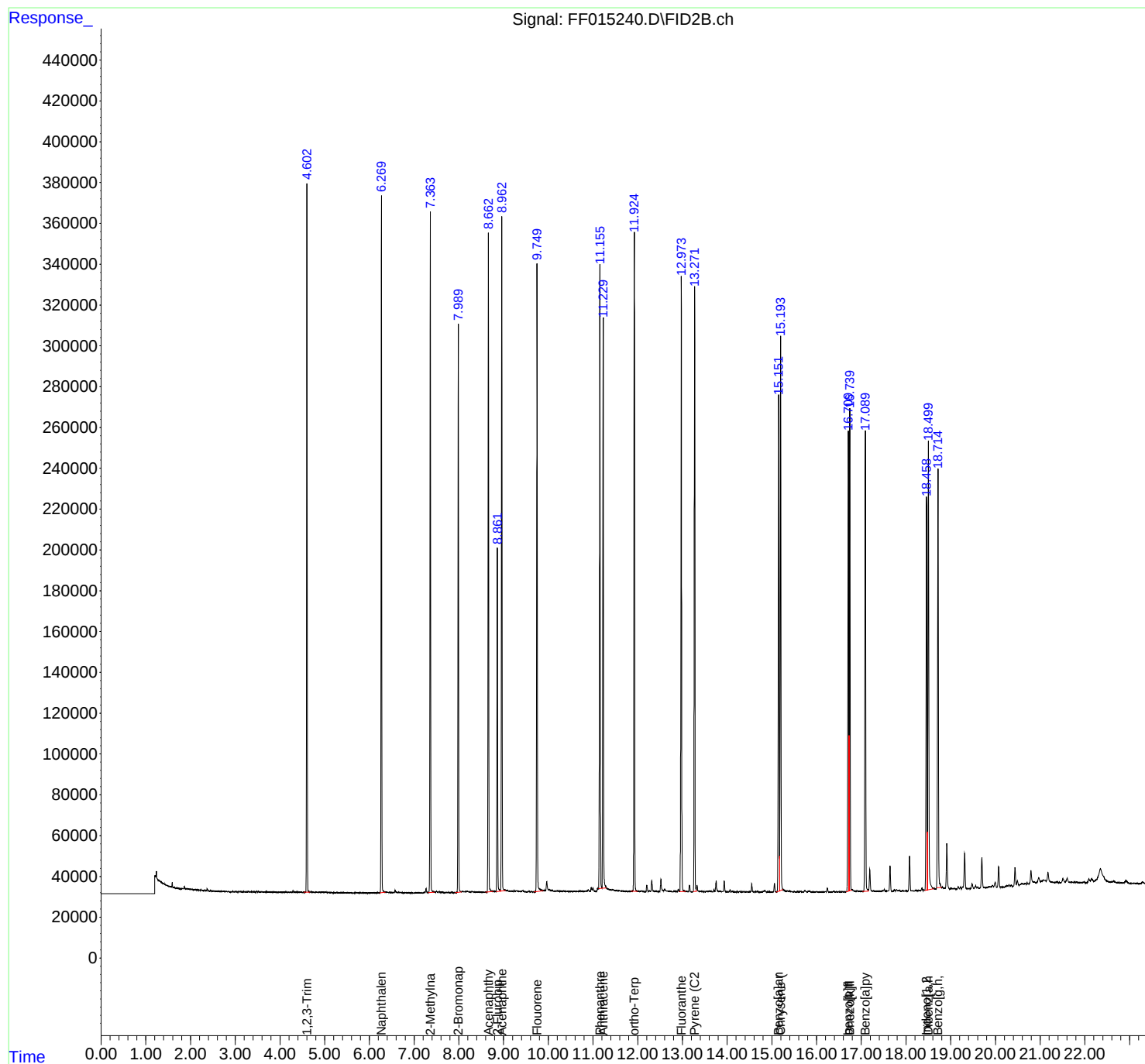
(m)=manual int.

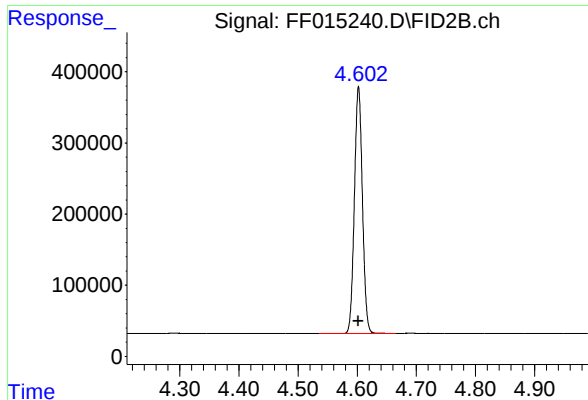
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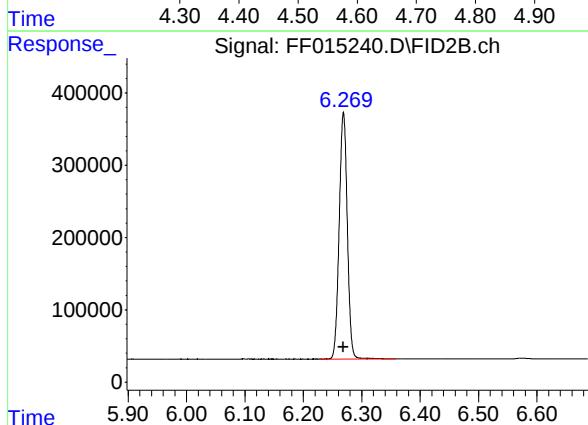




#1 1,2,3-Trimethylbenzene (C10.1)

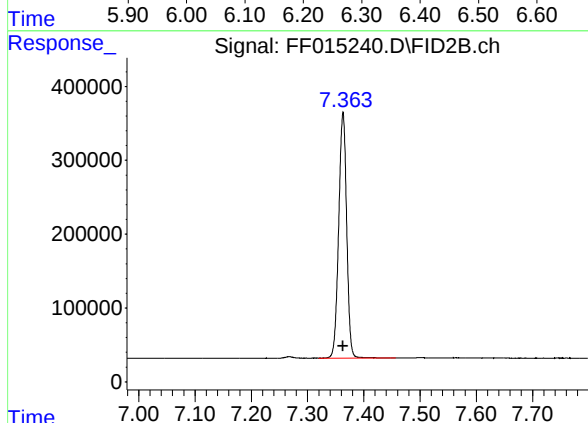
R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 3269952
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



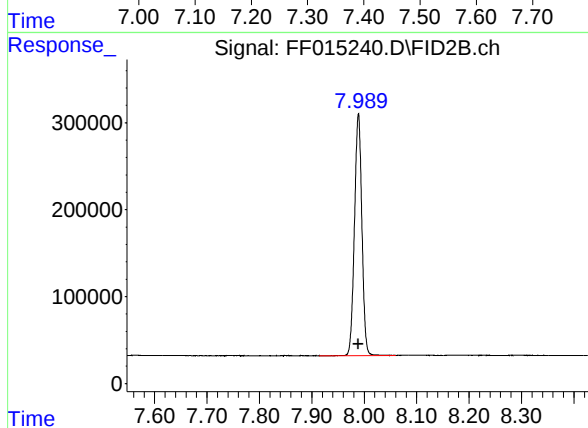
#2 Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 3290517
Conc: 20.00 ug/ml



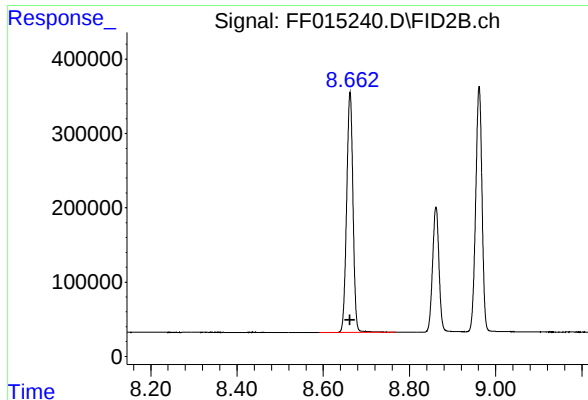
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 3276967
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

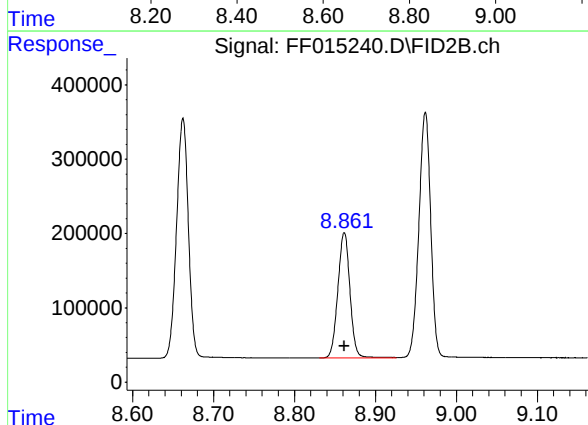
R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 2731387
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

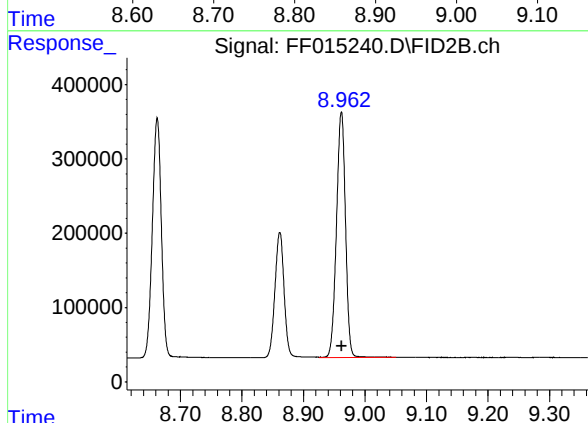
R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 3283469
Conc: 20.00 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD3



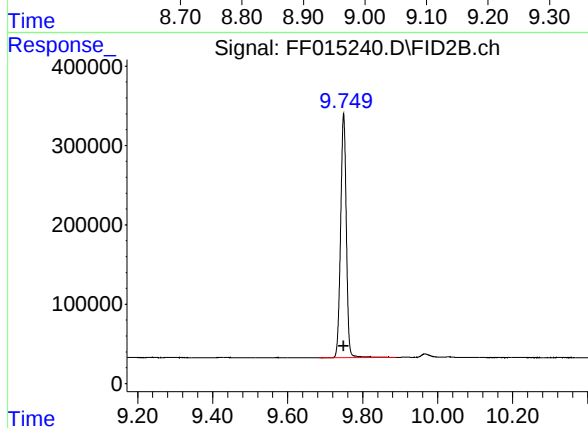
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 1748615
Conc: 20.00 ug/ml



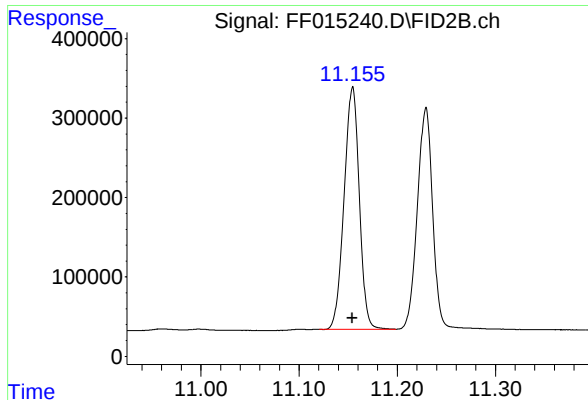
#7 Acenaphthene (C15.5)

R.T.: 8.962 min
Delta R.T.: 0.000 min
Response: 3367723
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

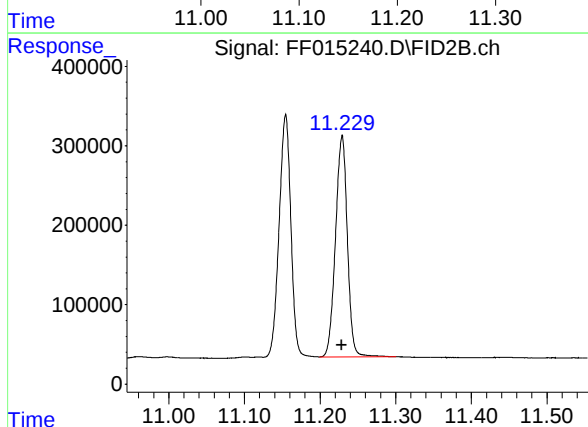
R.T.: 9.749 min
Delta R.T.: 0.000 min
Response: 3245190
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

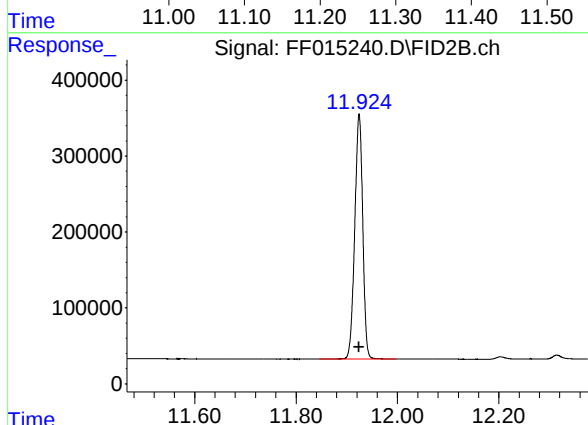
R.T.: 11.154 min
Delta R.T.: 0.000 min
Response: 3286441
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



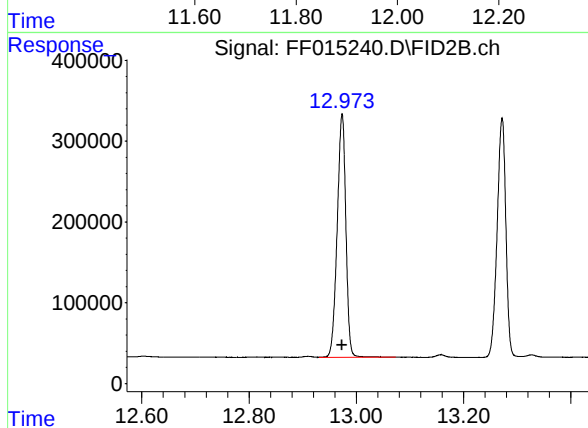
#10 Anthracene (C19.43)

R.T.: 11.229 min
Delta R.T.: 0.000 min
Response: 3038486
Conc: 20.00 ug/ml



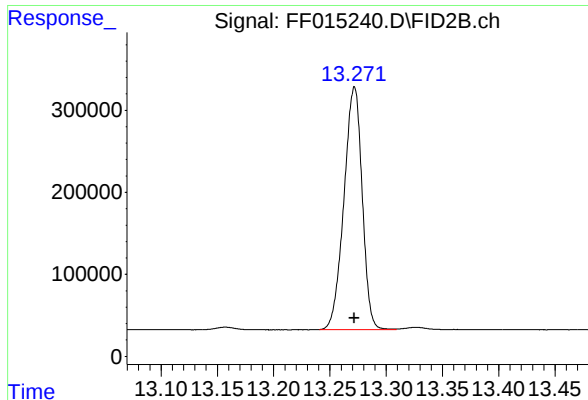
#11 ortho-Terphenyl (SURR)

R.T.: 11.924 min
Delta R.T.: 0.000 min
Response: 3528908
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

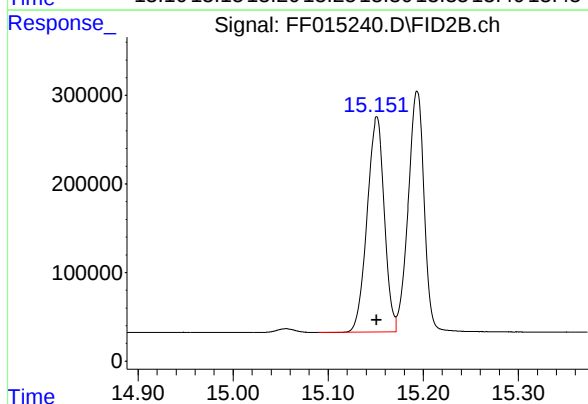
R.T.: 12.973 min
Delta R.T.: 0.000 min
Response: 3381047
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

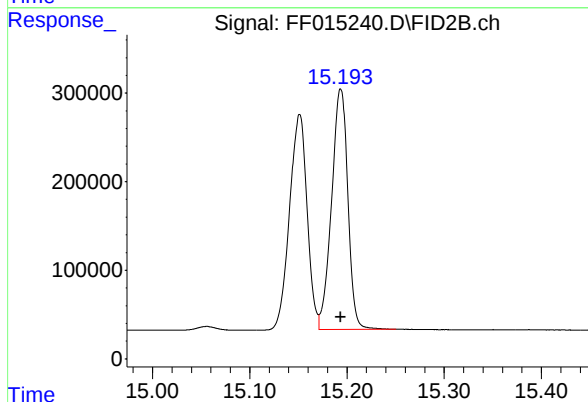
R.T.: 13.272 min
Delta R.T.: 0.000 min
Response: 3337101
Conc: 20.00 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD3



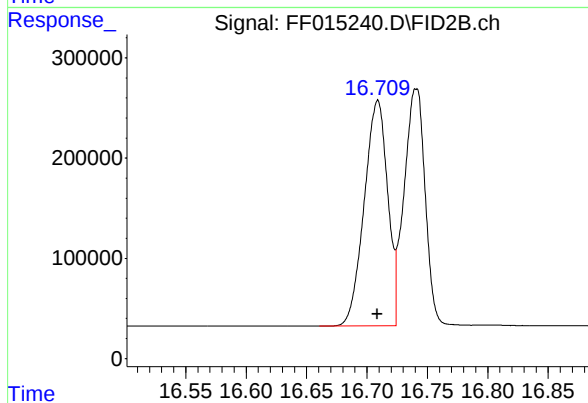
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.151 min
Delta R.T.: 0.000 min
Response: 3058875
Conc: 20.00 ug/ml



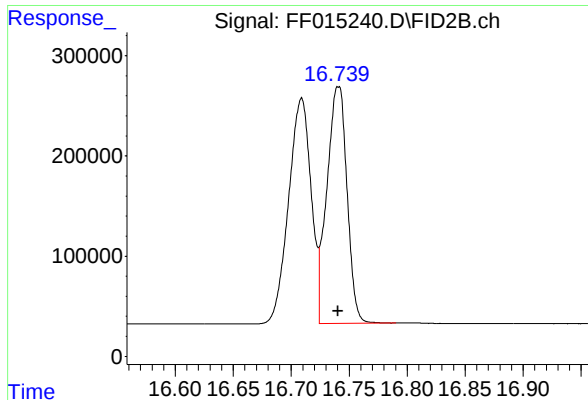
#15 Chrysene (C27.41)

R.T.: 15.194 min
Delta R.T.: 0.000 min
Response: 3152882
Conc: 20.00 ug/ml



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

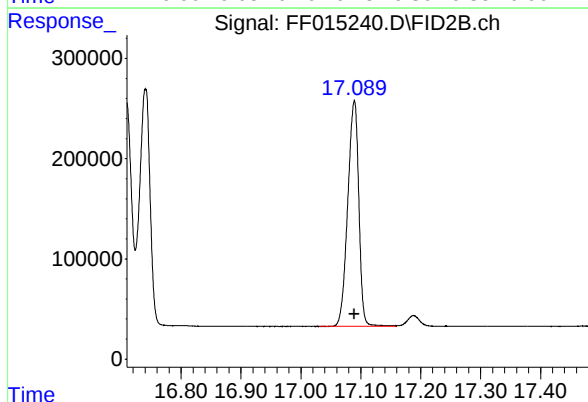
R.T.: 16.709 min
Delta R.T.: 0.000 min
Response: 3035406
Conc: 20.00 ug/ml



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

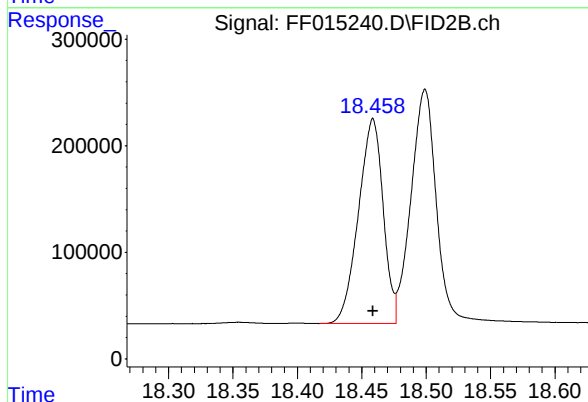
R.T.: 16.740 min
Delta R.T.: 0.000 min
Response: 2863212
Conc: 20.00 ug/ml

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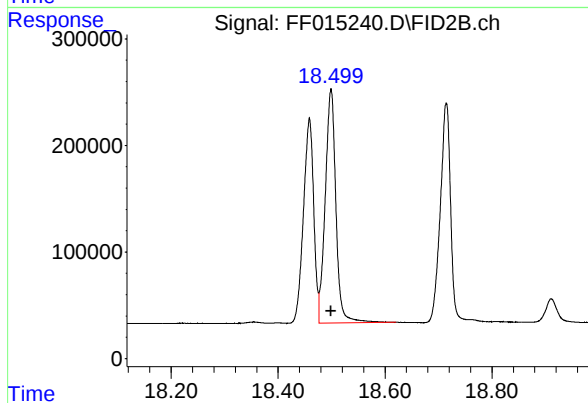
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.089 min
Delta R.T.: 0.000 min
Response: 2891270
Conc: 20.00 ug/ml



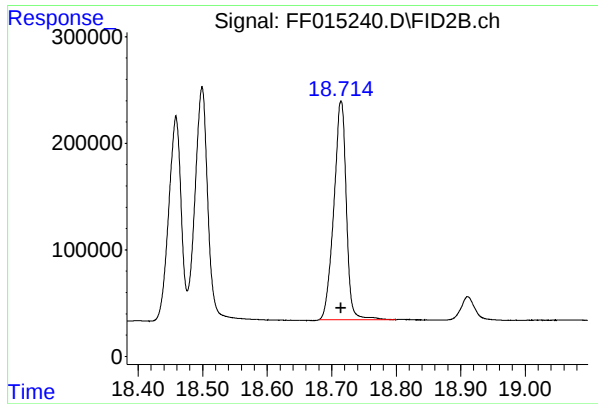
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.458 min
Delta R.T.: 0.000 min
Response: 2562567
Conc: 20.00 ug/ml



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

R.T.: 18.499 min
Delta R.T.: 0.000 min
Response: 3038214
Conc: 20.00 ug/ml



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

R.T.: 18.714 min
Delta R.T.: 0.000 min
Response: 2750930
Conc: 20.00 ug/ml

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