

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061625AR\
 Data File : FF015992.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2025 10:18
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 17 02:44:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 04:40:28 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...	8.060	2610285	22.988 ug/ml
Spiked Amount 50.000		Recovery =	45.98%
6) S 2-Fluorobiphenyl (SURR)	8.934	1783499	22.912 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.82%
11) S ortho-Terphenyl (SURR)	12.000	3081587	23.294 ug/ml
Spiked Amount 50.000		Recovery =	46.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.661	2842674	22.960 ug/ml
2) T Naphthalene (C11.7)	6.333	3013484	23.027 ug/ml
3) T 2-Methylnaphthalene (...)	7.431	3053187	23.041 ug/ml
5) T Acenaphthylene (C15.06)	8.735	3023897	22.915 ug/ml
7) T Acenaphthene (C15.5)	9.035	3019622	23.125 ug/ml
8) T Fluorene (C16.55)	9.823	2987451	22.967 ug/ml
9) T Phenanthrene (C19.36)	11.229	2970944	22.909 ug/ml
10) T Anthracene (C19.43)	11.304	2936682	22.740 ug/ml
12) T Fluoranthene (C21.85)	13.050	2992832	22.906 ug/ml
13) T Pyrene (C20.8)	13.349	2966648	22.883 ug/ml
14) T Benzo[a]anthracene (C...	15.228	2817216	22.345 ug/ml
15) T Chrysene (C27.41)	15.271	2854580	22.366 ug/ml
16) T benzo[b]fluoranthene ...	16.785	2812454	22.455 ug/ml
17) T Bnezo[k]fluoranthene ...	16.819	2649990	22.365 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.166	2716016	22.226 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.536	2435488	21.833 ug/ml
20) T Dibenz[a,h]anthracene...	18.578	2507183	21.534 ug/ml
21) T Benzo[g,h,i]perylene ...	18.794	2596457	22.308 ug/ml

(f)=RT Delta > 1/2 Window

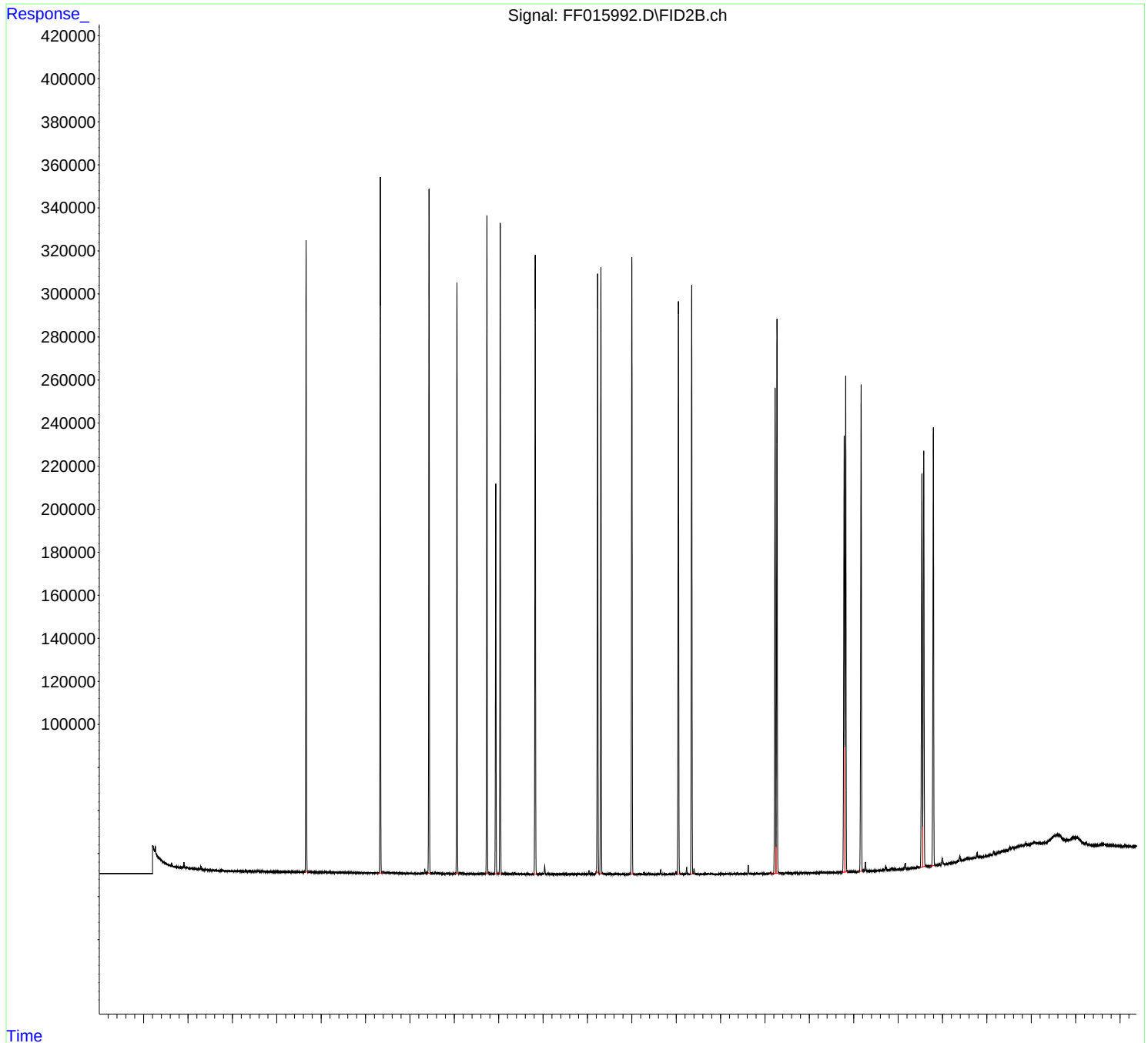
(m)=manual int.

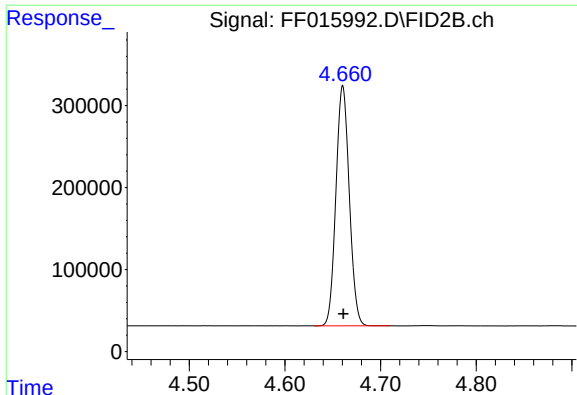
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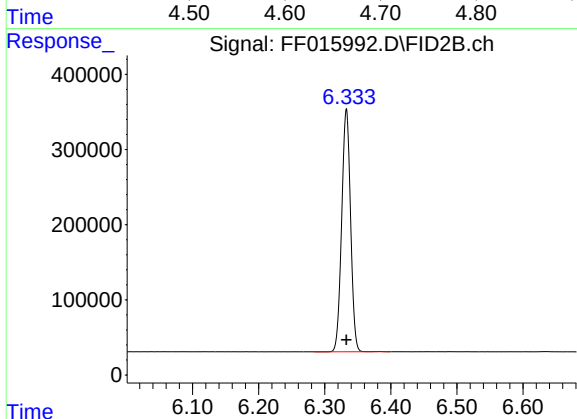




#1 1,2,3-Trimethylbenzene (C10.1)

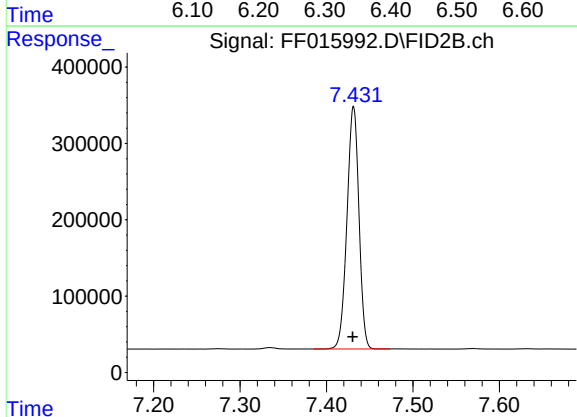
R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 2842674
Conc: 22.96 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



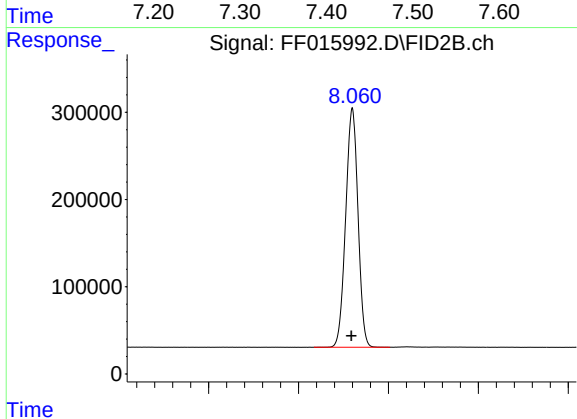
#2 Naphthalene (C11.7)

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 3013484
Conc: 23.03 ug/ml



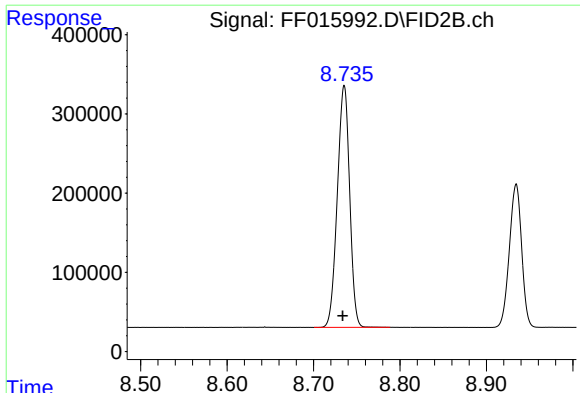
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.431 min
Delta R.T.: 0.000 min
Response: 3053187
Conc: 23.04 ug/ml



#4 2-Bromonaphthalene (SURR)

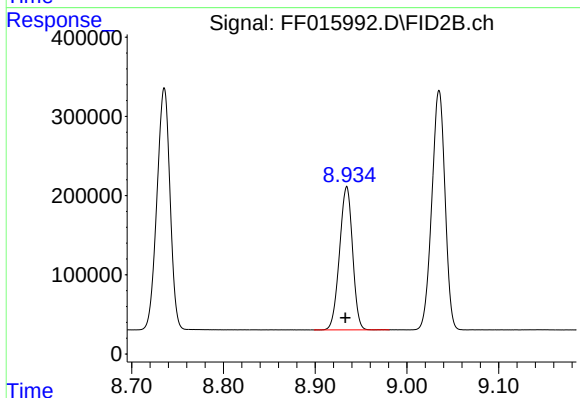
R.T.: 8.060 min
Delta R.T.: 0.000 min
Response: 2610285
Conc: 22.99 ug/ml



#5 Acenaphthylene (C15.06)

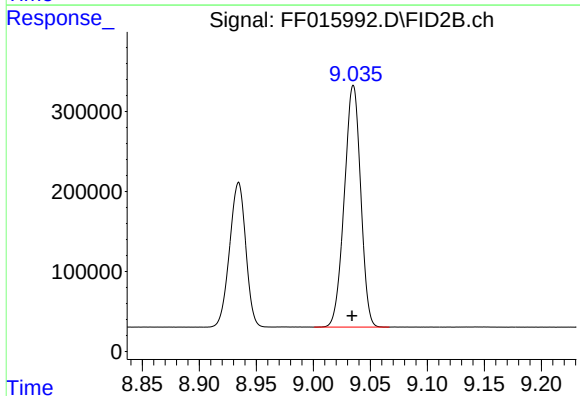
R.T.: 8.735 min
Delta R.T.: 0.002 min
Response: 3023897
Conc: 22.92 ug/ml

Instrument :
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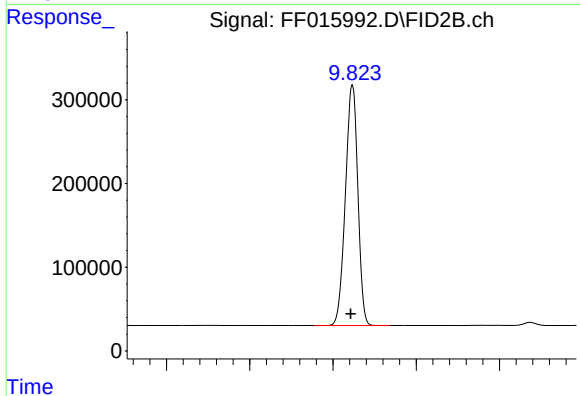
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.934 min
Delta R.T.: 0.001 min
Response: 1783499
Conc: 22.91 ug/ml



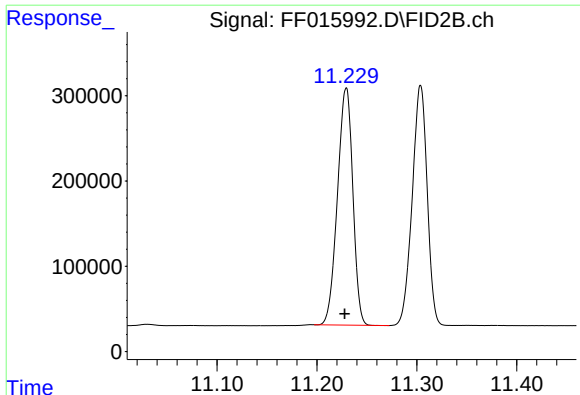
#7 Acenaphthene (C15.5)

R.T.: 9.035 min
Delta R.T.: 0.001 min
Response: 3019622
Conc: 23.12 ug/ml



#8 Fluorene (C16.55)

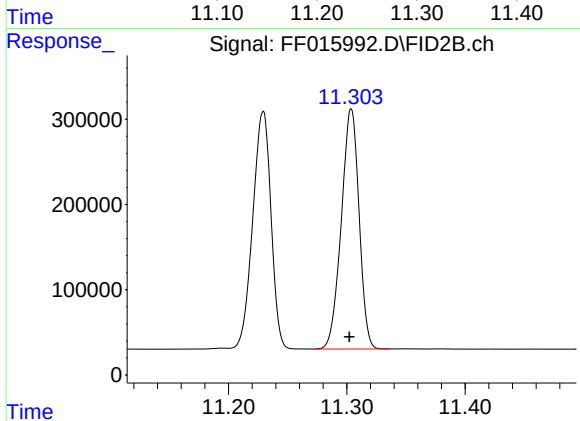
R.T.: 9.823 min
Delta R.T.: 0.002 min
Response: 2987451
Conc: 22.97 ug/ml



#9 Phenanthrene (C19.36)

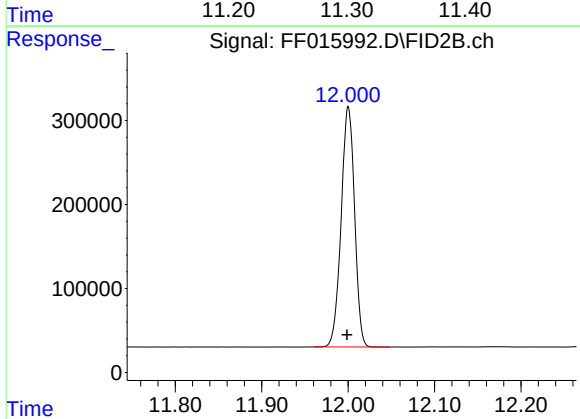
R.T.: 11.229 min
Delta R.T.: 0.001 min
Response: 2970944
Conc: 22.91 ug/ml

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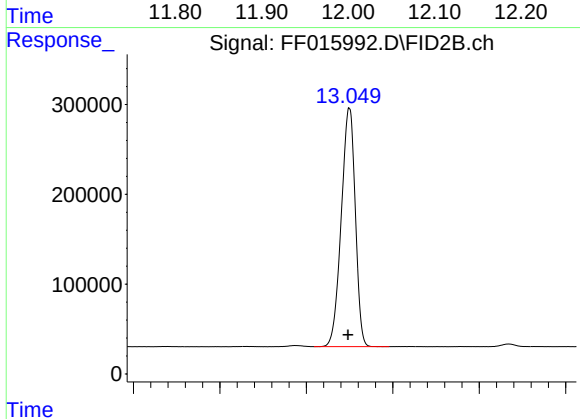
#10 Anthracene (C19.43)

R.T.: 11.304 min
Delta R.T.: 0.002 min
Response: 2936682
Conc: 22.74 ug/ml



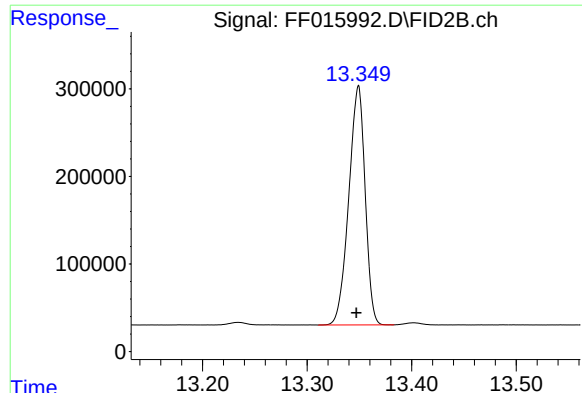
#11 ortho-Terphenyl (SURR)

R.T.: 12.000 min
Delta R.T.: 0.002 min
Response: 3081587
Conc: 23.29 ug/ml



#12 Fluoranthene (C21.85)

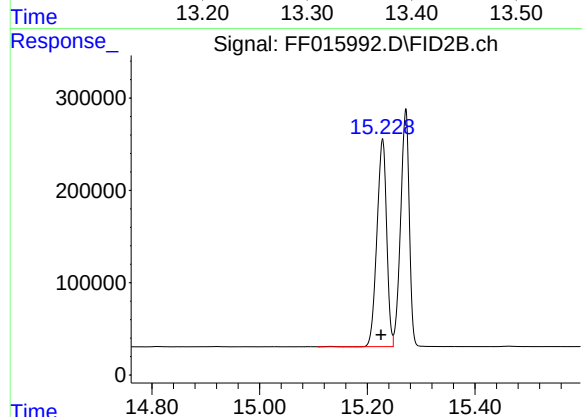
R.T.: 13.050 min
Delta R.T.: 0.001 min
Response: 2992832
Conc: 22.91 ug/ml



#13 Pyrene (C20.8)

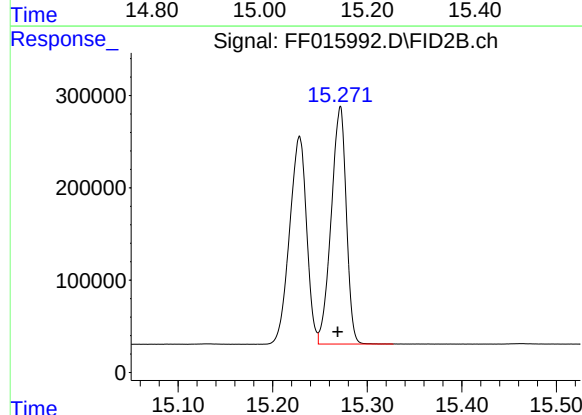
R.T.: 13.349 min
Delta R.T.: 0.002 min
Response: 2966648
Conc: 22.88 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



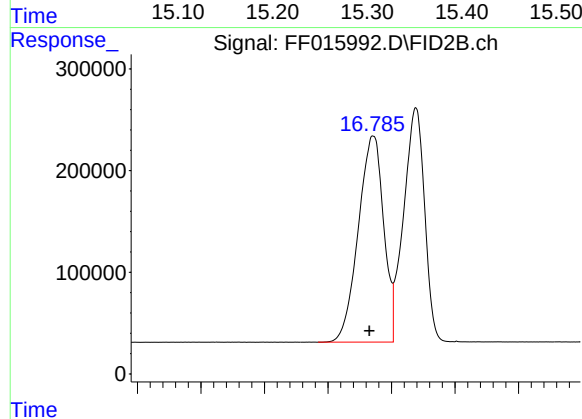
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.228 min
Delta R.T.: 0.002 min
Response: 2817216
Conc: 22.35 ug/ml



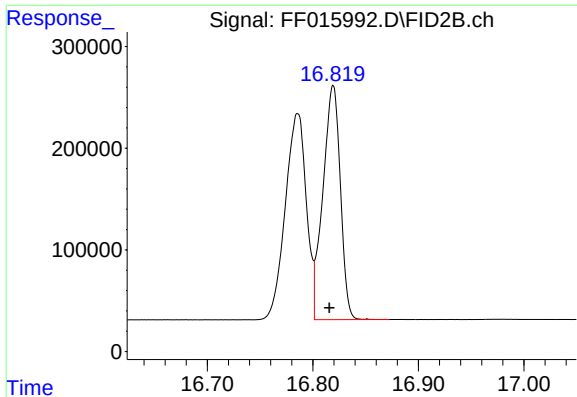
#15 Chrysene (C27.41)

R.T.: 15.271 min
Delta R.T.: 0.002 min
Response: 2854580
Conc: 22.37 ug/ml



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

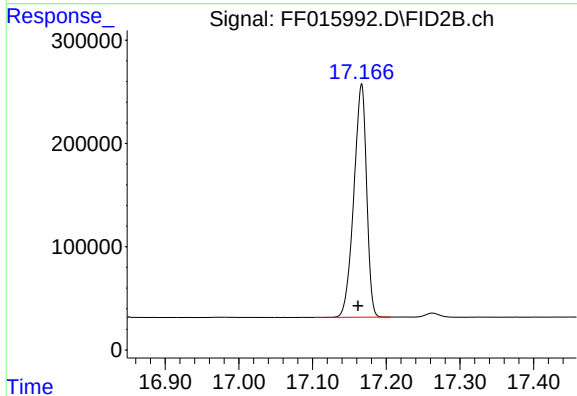
R.T.: 16.785 min
Delta R.T.: 0.003 min
Response: 2812454
Conc: 22.46 ug/ml



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

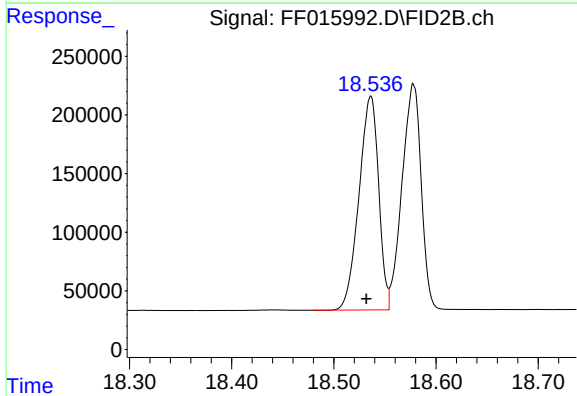
R.T.: 16.819 min
Delta R.T.: 0.004 min
Response: 2649990
Conc: 22.37 ug/ml

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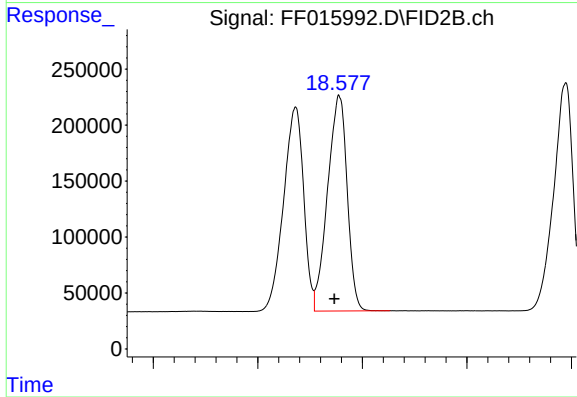
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.166 min
Delta R.T.: 0.004 min
Response: 2716016
Conc: 22.23 ug/ml



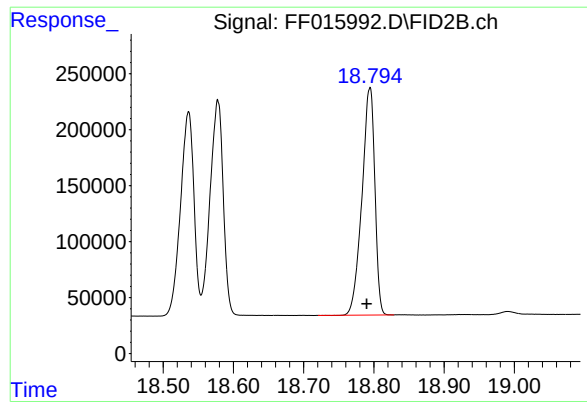
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.536 min
Delta R.T.: 0.004 min
Response: 2435488
Conc: 21.83 ug/ml



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

R.T.: 18.578 min
Delta R.T.: 0.004 min
Response: 2507183
Conc: 21.53 ug/ml



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

R.T.: 18.794 min
Delta R.T.: 0.004 min
Response: 2596457
Conc: 22.31 ug/ml

Instrument :

FID_F

ClientSampleId :

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