

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061625AR\
 Data File : FF016002.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2025 16:00
 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 02:46:47 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	2465805	21.715 ug/ml
Spiked Amount 50.000		Recovery =	43.43%
6) S 2-Fluorobiphenyl (SURR)	8.934	1689500	21.704 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.41%
11) S ortho-Terphenyl (SURR)	12.000	2897162	21.900 ug/ml
Spiked Amount 50.000		Recovery =	43.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.661	2684183	21.680 ug/ml
2) T Naphthalene (C11.7)	6.333	2839582	21.698 ug/ml
3) T 2-Methylnaphthalene (...)	7.431	2885022	21.772 ug/ml
5) T Acenaphthylene (C15.06)	8.736	2853961	21.627 ug/ml
7) T Acenaphthene (C15.5)	9.035	2847724	21.809 ug/ml
8) T Fluorene (C16.55)	9.823	2826261	21.728 ug/ml
9) T Phenanthrene (C19.36)	11.229	2801122	21.599 ug/ml
10) T Anthracene (C19.43)	11.304	2769315	21.444 ug/ml
12) T Fluoranthene (C21.85)	13.050	2812518	21.526 ug/ml
13) T Pyrene (C20.8)	13.349	2785255	21.484 ug/ml
14) T Benzo[a]anthracene (C...	15.230	2675019	21.217 ug/ml
15) T Chrysene (C27.41)	15.272	2711756	21.247 ug/ml
16) T benzo[b]fluoranthene ...	16.788	2659836	21.237 ug/ml
17) T Bnezo[k]fluoranthene ...	16.821	2501400	21.111 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.169	2574837	21.070 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.539	2330692	20.893 ug/ml
20) T Dibenz[a,h]anthracene...	18.581	2484621	21.340 ug/ml
21) T Benzo[g,h,i]perylene ...	18.797	2454658	21.090 ug/ml

(f)=RT Delta > 1/2 Window

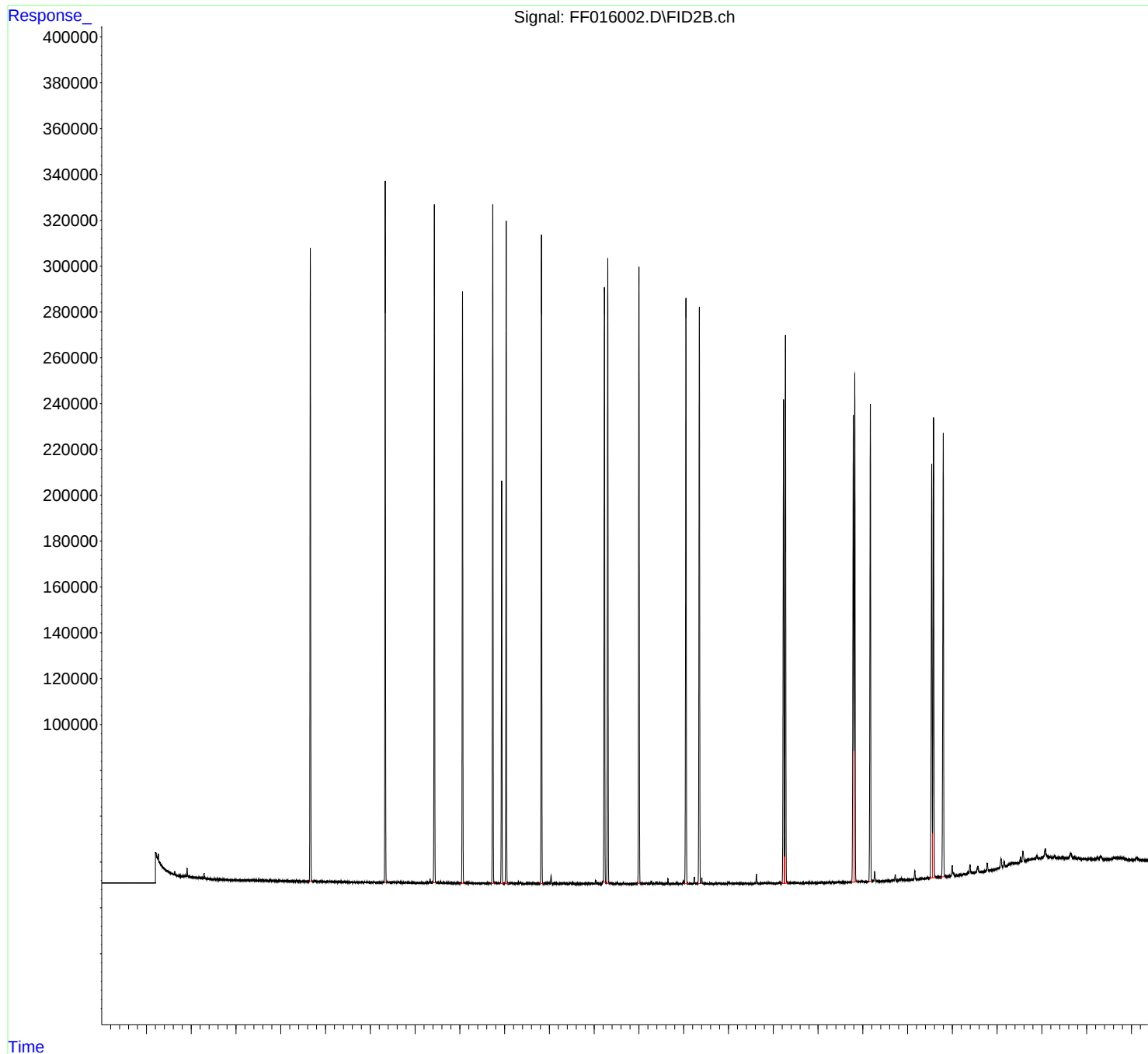
(m)=manual int.

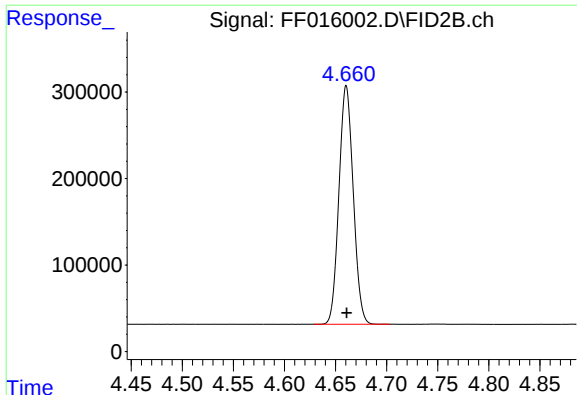
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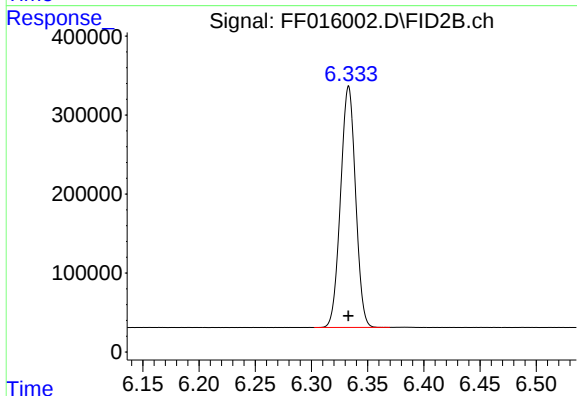




#1 1,2,3-Trimethylbenzene (C10.1)

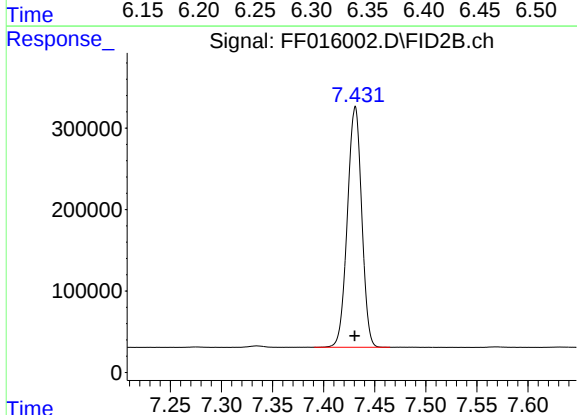
R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 2684183
Conc: 21.68 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



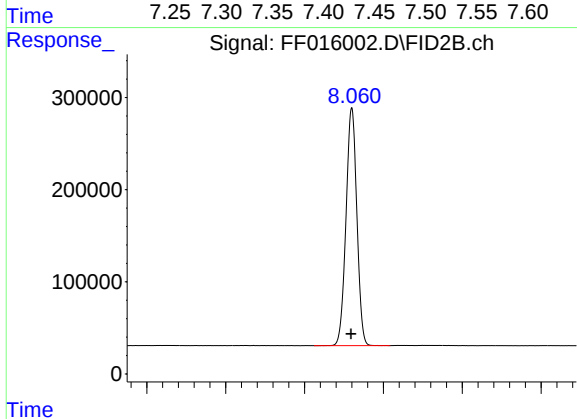
#2 Naphthalene (C11.7)

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 2839582
Conc: 21.70 ug/ml



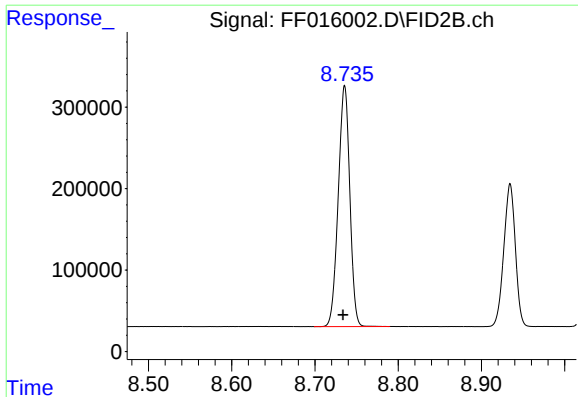
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.431 min
Delta R.T.: 0.000 min
Response: 2885022
Conc: 21.77 ug/ml



#4 2-Bromonaphthalene (SURR)

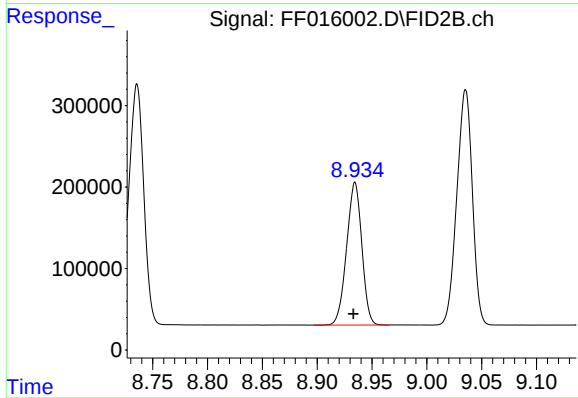
R.T.: 8.060 min
Delta R.T.: 0.000 min
Response: 2465805
Conc: 21.72 ug/ml



#5 Acenaphthylene (C15.06)

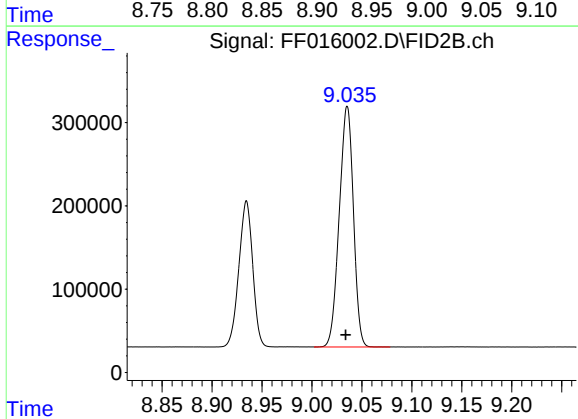
R.T.: 8.736 min
Delta R.T.: 0.002 min
Response: 2853961
Conc: 21.63 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



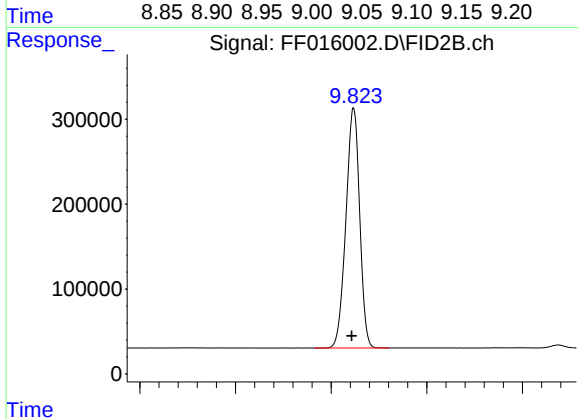
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.934 min
Delta R.T.: 0.001 min
Response: 1689500
Conc: 21.70 ug/ml



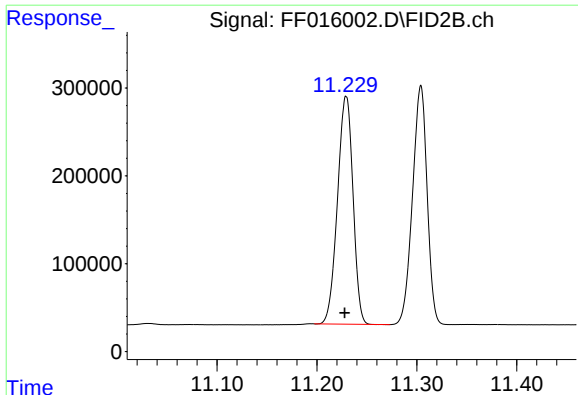
#7 Acenaphthene (C15.5)

R.T.: 9.035 min
Delta R.T.: 0.001 min
Response: 2847724
Conc: 21.81 ug/ml



#8 Fluorene (C16.55)

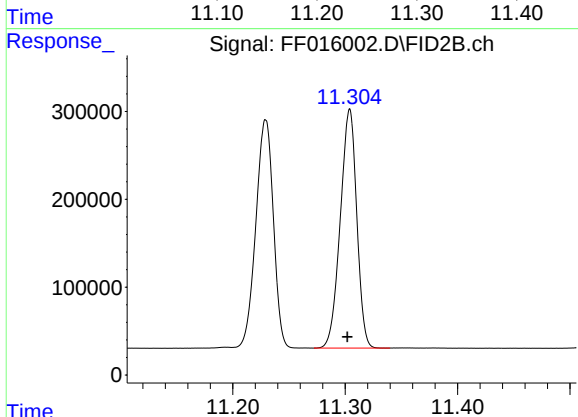
R.T.: 9.823 min
Delta R.T.: 0.002 min
Response: 2826261
Conc: 21.73 ug/ml



#9 Phenanthrene (C19.36)

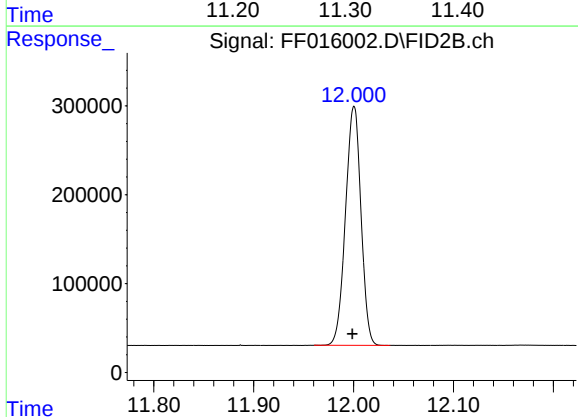
R.T.: 11.229 min
Delta R.T.: 0.001 min
Response: 2801122
Conc: 21.60 ug/ml

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20 PPM AROMATIC HC STD



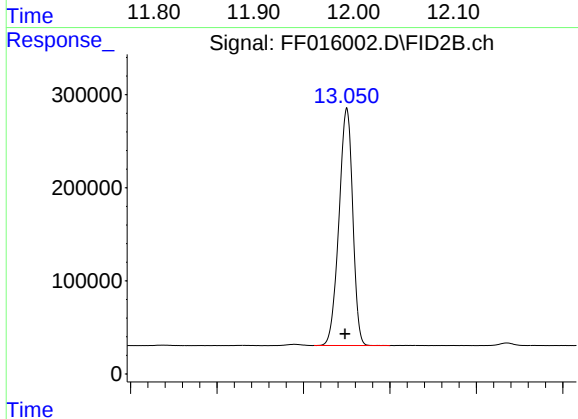
#10 Anthracene (C19.43)

R.T.: 11.304 min
Delta R.T.: 0.002 min
Response: 2769315
Conc: 21.44 ug/ml



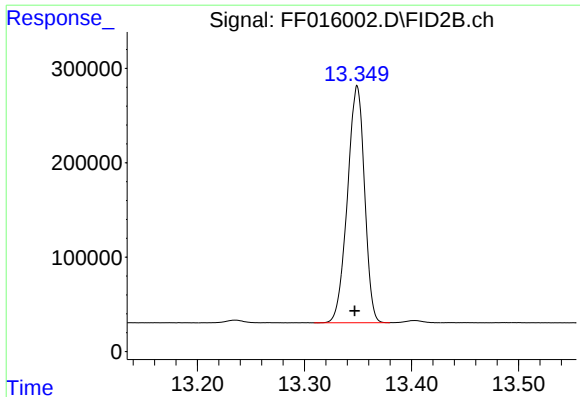
#11 ortho-Terphenyl (SURR)

R.T.: 12.000 min
Delta R.T.: 0.002 min
Response: 2897162
Conc: 21.90 ug/ml



#12 Fluoranthene (C21.85)

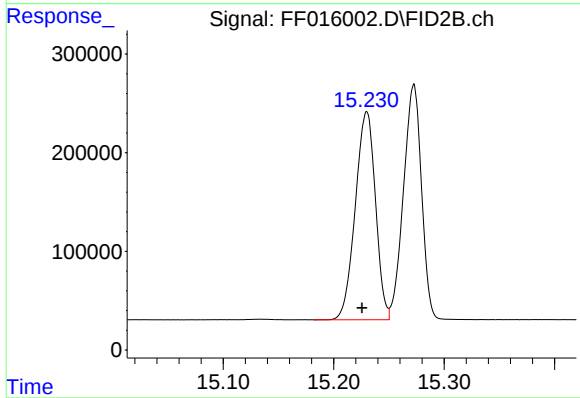
R.T.: 13.050 min
Delta R.T.: 0.002 min
Response: 2812518
Conc: 21.53 ug/ml



#13 Pyrene (C20.8)

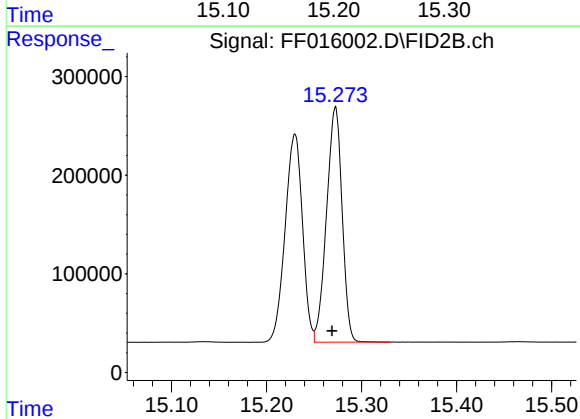
R.T.: 13.349 min
Delta R.T.: 0.002 min
Response: 2785255
Conc: 21.48 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



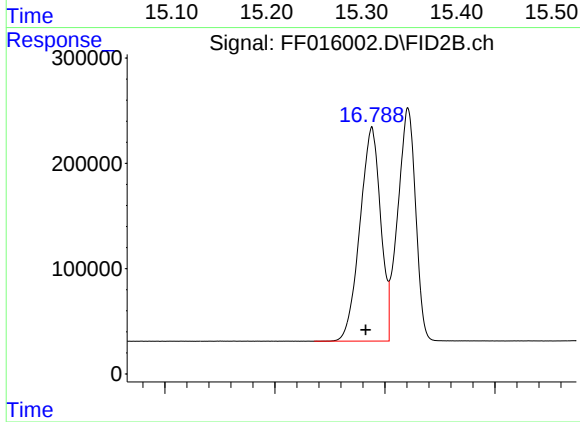
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.230 min
Delta R.T.: 0.004 min
Response: 2675019
Conc: 21.22 ug/ml



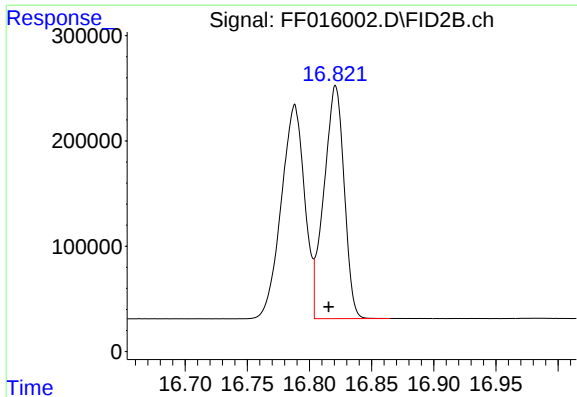
#15 Chrysene (C27.41)

R.T.: 15.272 min
Delta R.T.: 0.004 min
Response: 2711756
Conc: 21.25 ug/ml



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

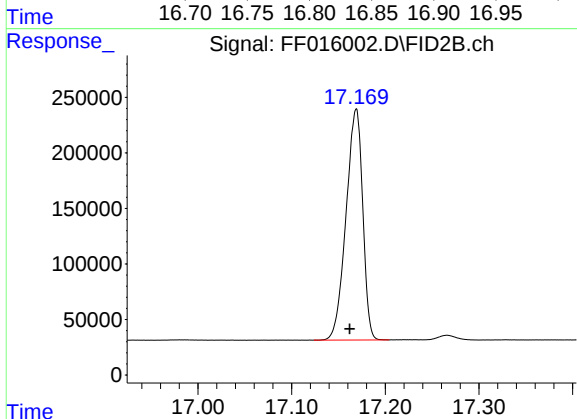
R.T.: 16.788 min
Delta R.T.: 0.005 min
Response: 2659836
Conc: 21.24 ug/ml



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

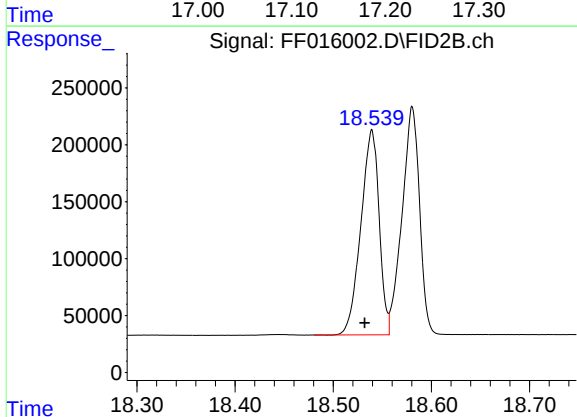
R.T.: 16.821 min
Delta R.T.: 0.005 min
Response: 2501400
Conc: 21.11 ug/ml

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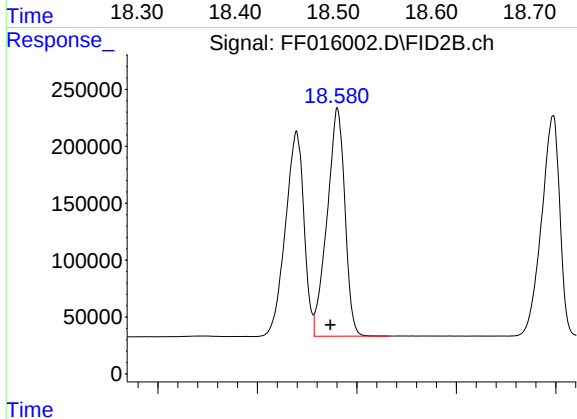
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.169 min
Delta R.T.: 0.007 min
Response: 2574837
Conc: 21.07 ug/ml



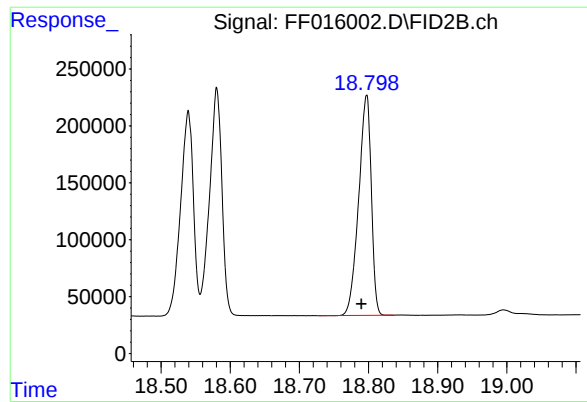
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.539 min
Delta R.T.: 0.007 min
Response: 2330692
Conc: 20.89 ug/ml



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

R.T.: 18.581 min
Delta R.T.: 0.007 min
Response: 2484621
Conc: 21.34 ug/ml



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

R.T.: 18.797 min
Delta R.T.: 0.007 min
Response: 2454658
Conc: 21.09 ug/ml

Instrument :

FID_F

ClientSampleId :

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