

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
 Data File : FF015977.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 19:57
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jun 16 04:42:01 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...	8.059	2161191	19.033 ug/ml
Spiked Amount 50.000		Recovery =	38.07%
6) S 2-Fluorobiphenyl (SURR)	8.933	1482421	19.044 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.09%
11) S ortho-Terphenyl (SURR)	11.998	2520302	19.051 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.661	2361550	19.074 ug/ml
2) T Naphthalene (C11.7)	6.332	2495197	19.067 ug/ml
3) T 2-Methylnaphthalene (...)	7.430	2528021	19.078 ug/ml
5) T Acenaphthylene (C15.06)	8.734	2509214	19.015 ug/ml
7) T Acenaphthene (C15.5)	9.034	2488323	19.056 ug/ml
8) T Flouorene (C16.55)	9.822	2476819	19.041 ug/ml
9) T Phenanthrene (C19.36)	11.227	2465772	19.014 ug/ml
10) T Anthracene (C19.43)	11.302	2458960	19.040 ug/ml
12) T Fluoranthene (C21.85)	13.047	2487098	19.036 ug/ml
13) T Pyrene (C20.8)	13.347	2466972	19.029 ug/ml
14) T Benzo[a]anthracene (C...	15.225	2398516	19.024 ug/ml
15) T Chrysene (C27.41)	15.268	2427224	19.018 ug/ml
16) T benzo[b]fluoranthene ...	16.783	2378117	18.988 ug/ml
17) T Bnezo[k]fluoranthene ...	16.815	2248458	18.976 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.163	2320365	18.988 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.532	2100146	18.827 ug/ml
20) T Dibenz[a,h]anthracene...	18.574	2220369	19.070 ug/ml
21) T Benzo[g,h,i]perylene ...	18.789	2211336	19.000 ug/ml

(f)=RT Delta > 1/2 Window

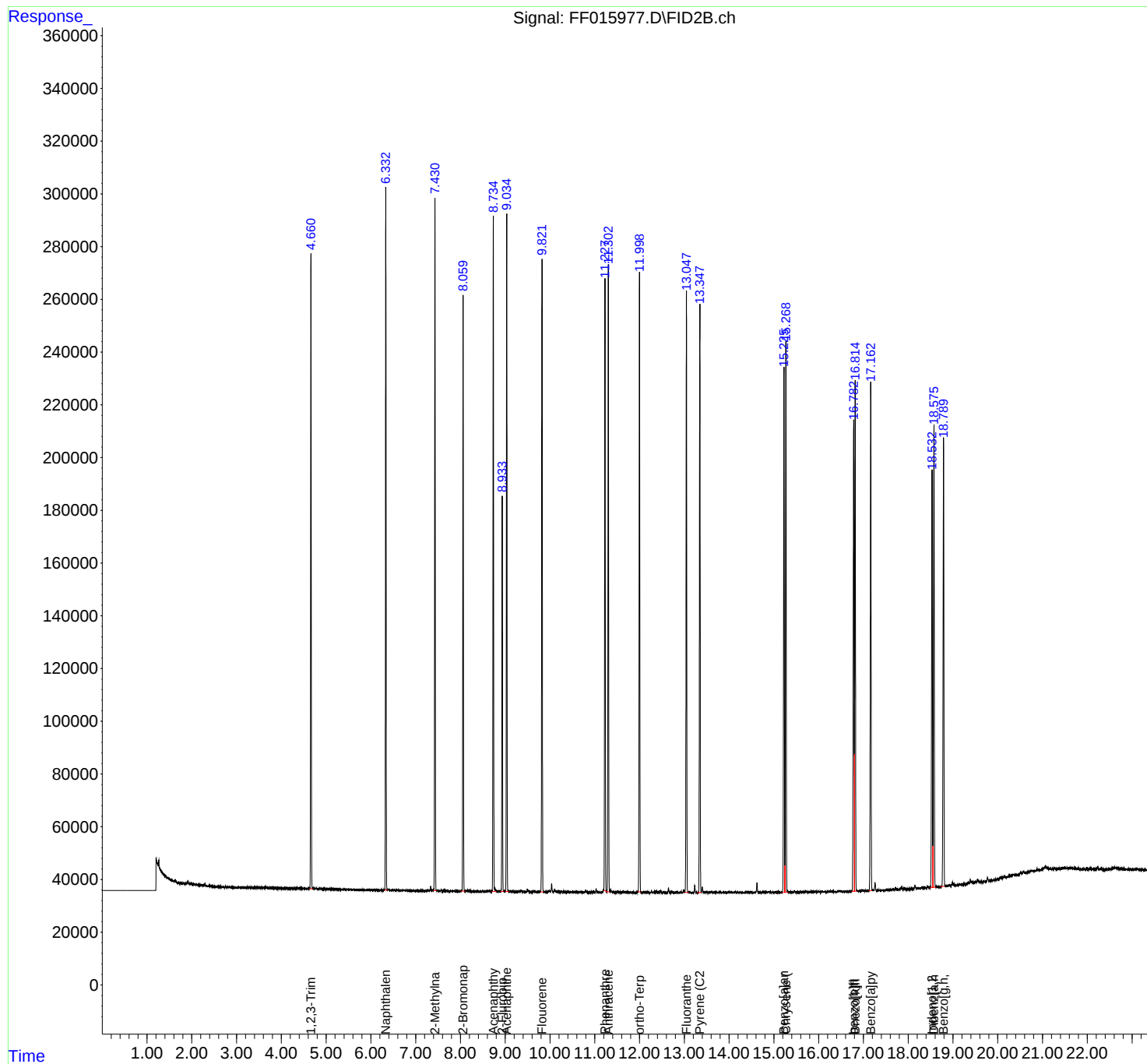
(m)=manual int.

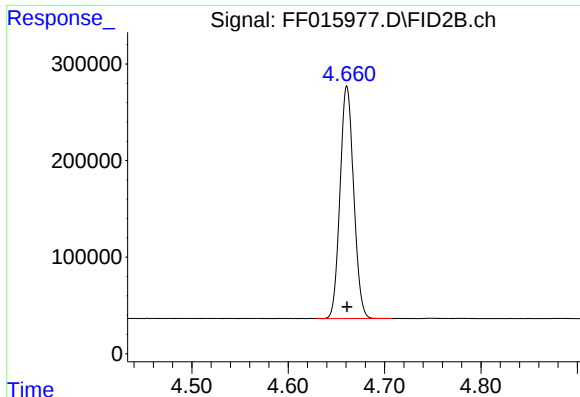
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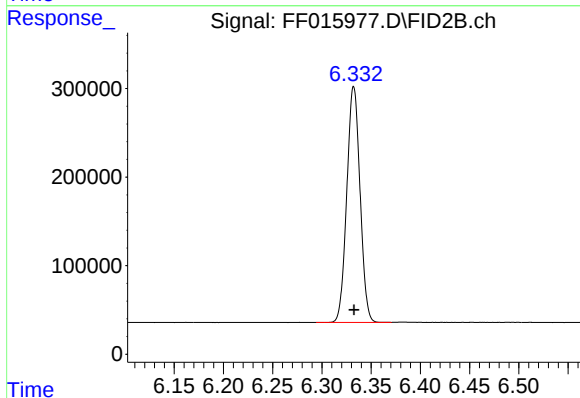




#1 1,2,3-Trimethylbenzene (C10.1)

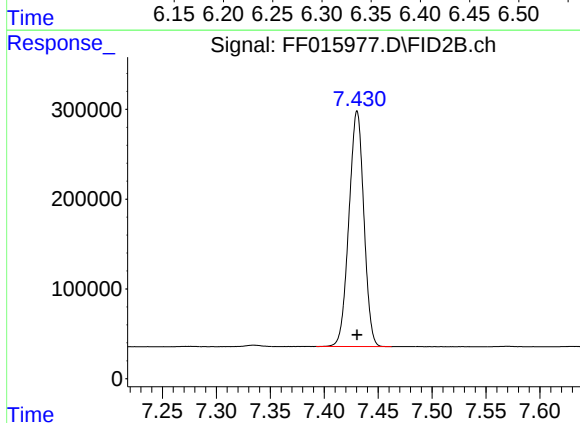
R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 2361550
Conc: 19.07 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD ICV



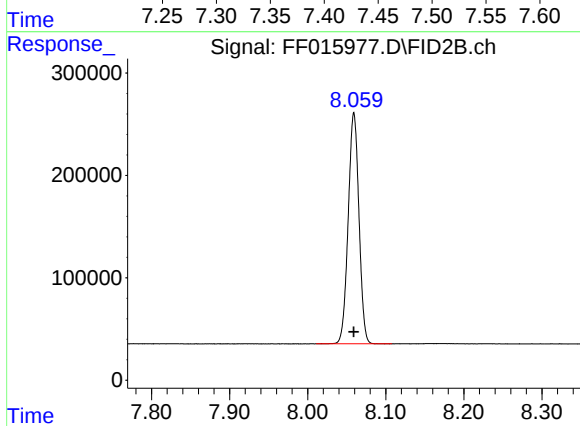
#2 Naphthalene (C11.7)

R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 2495197
Conc: 19.07 ug/ml



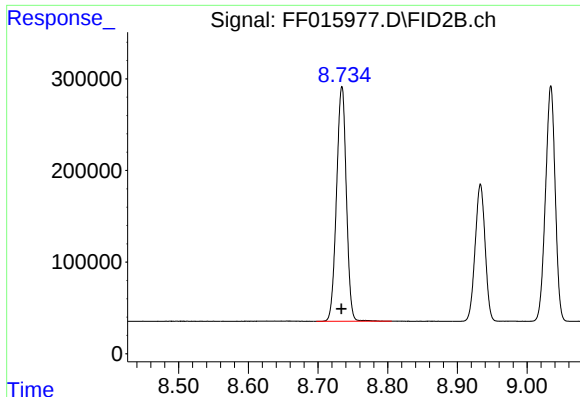
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 2528021
Conc: 19.08 ug/ml



#4 2-Bromonaphthalene (SURR)

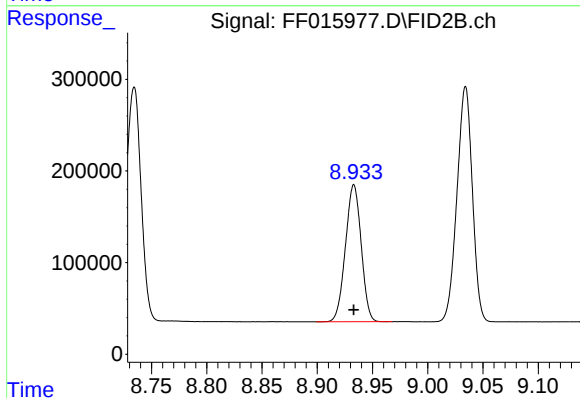
R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 2161191
Conc: 19.03 ug/ml



#5 Acenaphthylene (C15.06)

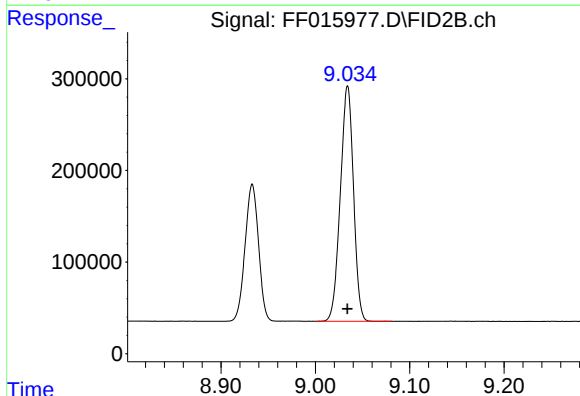
R.T.: 8.734 min
Delta R.T.: 0.000 min
Response: 2509214
Conc: 19.01 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD ICV



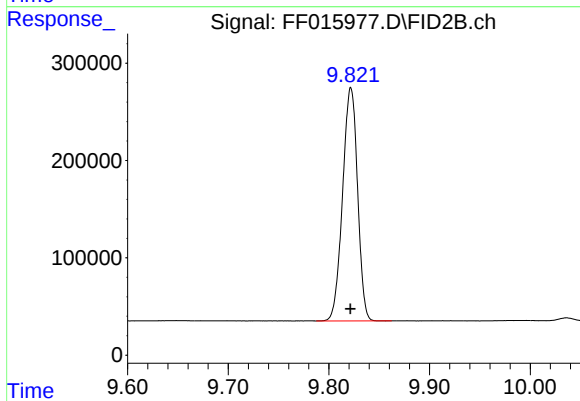
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.933 min
Delta R.T.: 0.000 min
Response: 1482421
Conc: 19.04 ug/ml



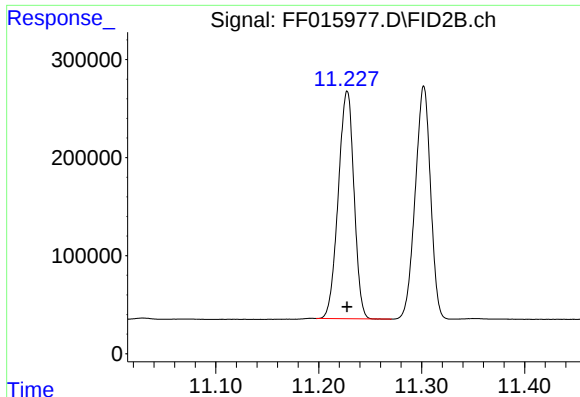
#7 Acenaphthene (C15.5)

R.T.: 9.034 min
Delta R.T.: 0.000 min
Response: 2488323
Conc: 19.06 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.822 min
Delta R.T.: 0.000 min
Response: 2476819
Conc: 19.04 ug/ml



#9 Phenanthrene (C19.36)

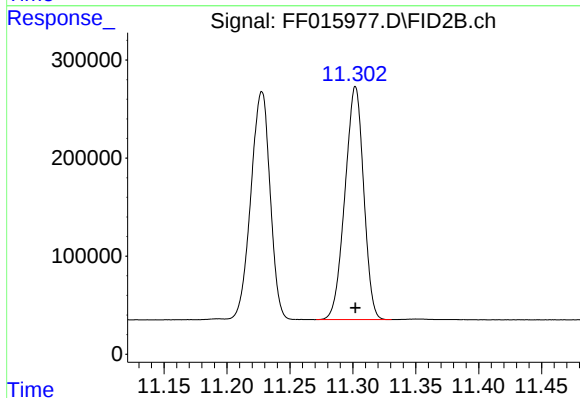
R.T.: 11.227 min
Delta R.T.: 0.000 min
Response: 2465772
Conc: 19.01 ug/ml

Instrument :

FID_F

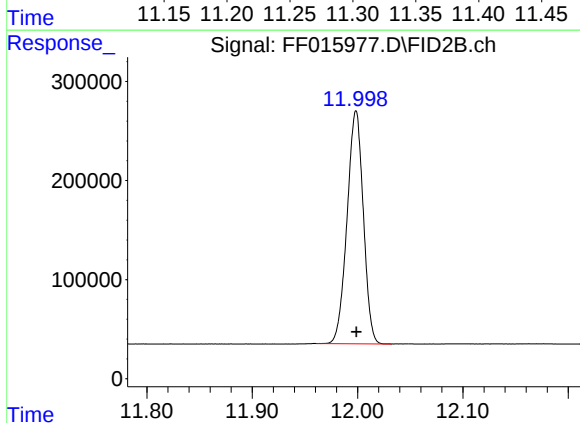
ClientSampleId :

20 PPM AROMATIC HC STD ICV



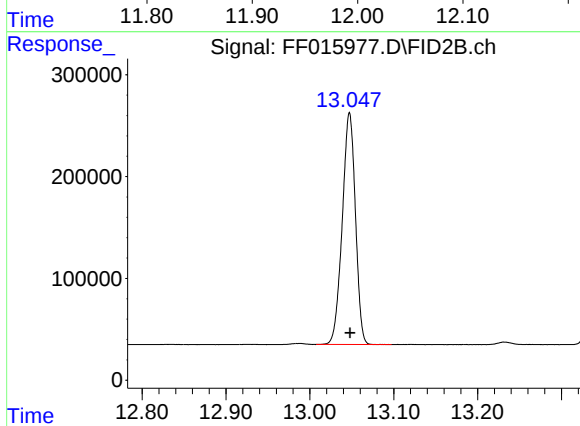
#10 Anthracene (C19.43)

R.T.: 11.302 min
Delta R.T.: 0.000 min
Response: 2458960
Conc: 19.04 ug/ml



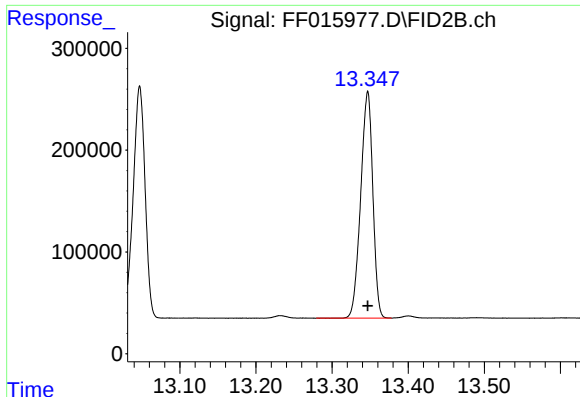
#11 ortho-Terphenyl (SURR)

R.T.: 11.998 min
Delta R.T.: 0.000 min
Response: 2520302
Conc: 19.05 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.047 min
Delta R.T.: 0.000 min
Response: 2487098
Conc: 19.04 ug/ml



#13 Pyrene (C20.8)

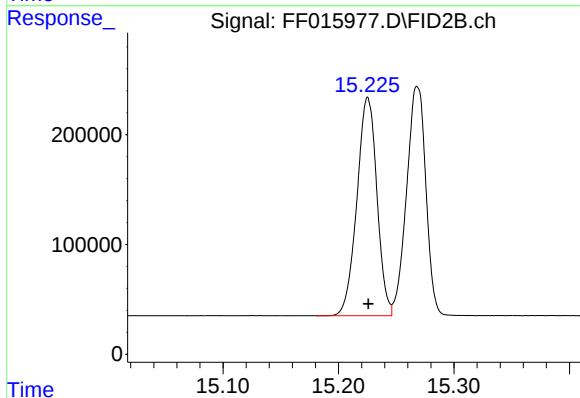
R.T.: 13.347 min
Delta R.T.: 0.000 min
Response: 2466972
Conc: 19.03 ug/ml

Instrument :

FID_F

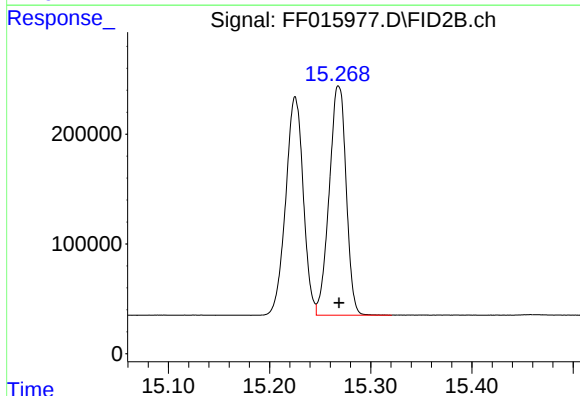
ClientSampleId :

20 PPM AROMATIC HC STD ICV



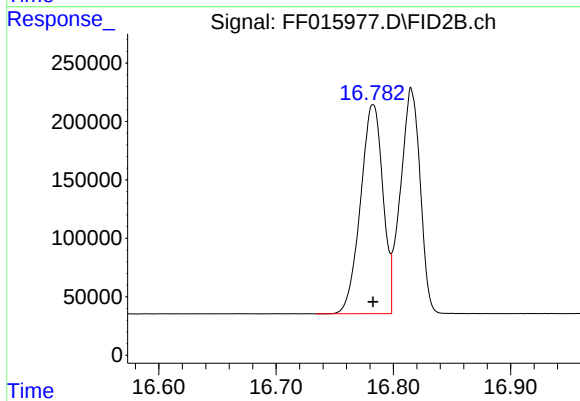
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.225 min
Delta R.T.: 0.000 min
Response: 2398516
Conc: 19.02 ug/ml



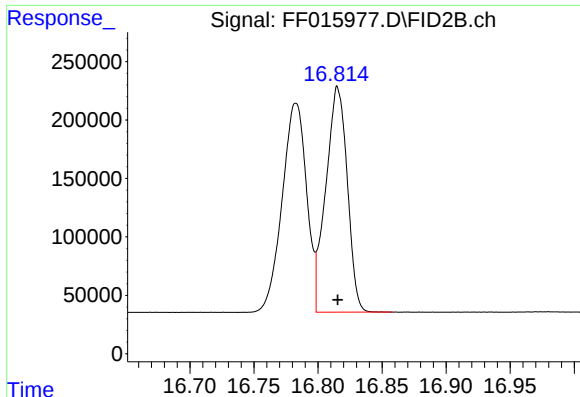
#15 Chrysene (C27.41)

R.T.: 15.268 min
Delta R.T.: 0.000 min
Response: 2427224
Conc: 19.02 ug/ml



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

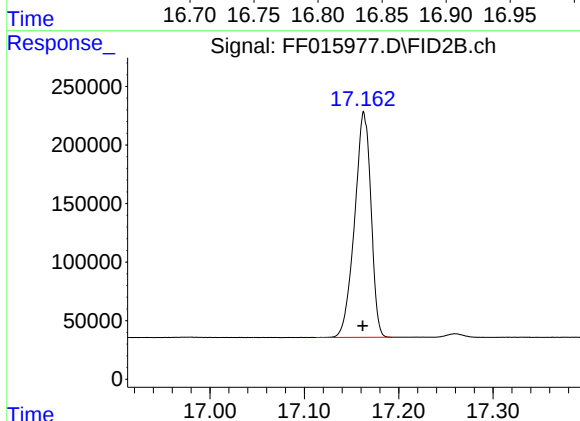
R.T.: 16.783 min
Delta R.T.: 0.000 min
Response: 2378117
Conc: 18.99 ug/ml



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

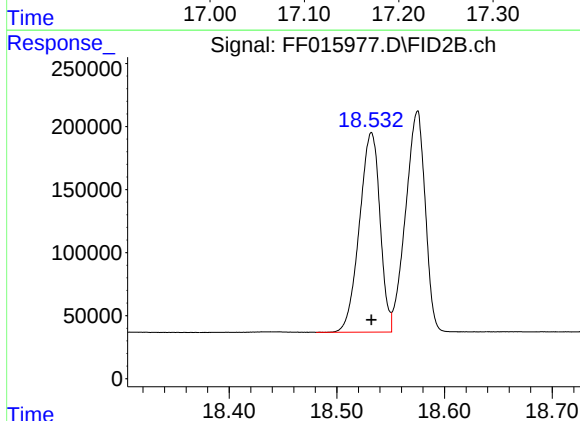
R.T.: 16.815 min
Delta R.T.: 0.000 min
Response: 2248458
Conc: 18.98 ug/ml

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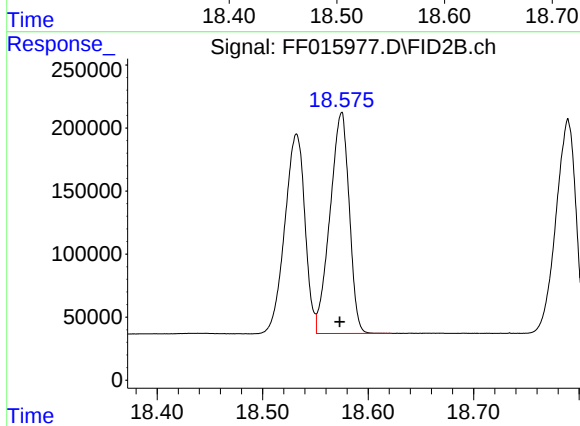
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.163 min
Delta R.T.: 0.001 min
Response: 2320365
Conc: 18.99 ug/ml



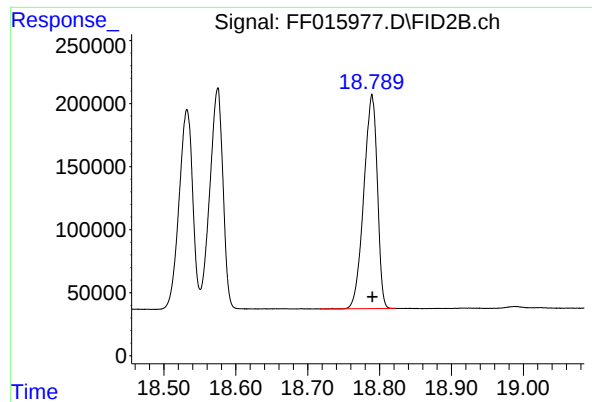
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.532 min
Delta R.T.: 0.000 min
Response: 2100146
Conc: 18.83 ug/ml



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

R.T.: 18.574 min
Delta R.T.: 0.001 min
Response: 2220369
Conc: 19.07 ug/ml



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

R.T.: 18.789 min
Delta R.T.: 0.000 min
Response: 2211336
Conc: 19.00 ug/ml

Instrument :
FID_F
ClientSampleId :
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