

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
 Data File : FF015973.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 18:00
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jun 16 04:31:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 04:30:20 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...	8.061	5410185	48.481 ug/ml
Spiked Amount 50.000		Recovery =	96.96%
6) S 2-Fluorobiphenyl (SURR)	8.936	3727550	48.647 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.29%
11) S ortho-Terphenyl (SURR)	12.001	6336280	48.625 ug/ml
Spiked Amount 50.000		Recovery =	97.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.662	5910852	48.449 ug/ml
2) T Naphthalene (C11.7)	6.334	6247721	48.502 ug/ml
3) T 2-Methylnaphthalene (...)	7.433	6337172	48.542 ug/ml
5) T Acenaphthylene (C15.06)	8.738	6275889	48.436 ug/ml
7) T Acenaphthene (C15.5)	9.038	6245578	48.580 ug/ml
8) T Fluorene (C16.55)	9.826	6219385	48.569 ug/ml
9) T Phenanthrene (C19.36)	11.232	6197575	48.636 ug/ml
10) T Anthracene (C19.43)	11.308	6177274	48.563 ug/ml
12) T Fluoranthene (C21.85)	13.053	6245892	48.593 ug/ml
13) T Pyrene (C20.8)	13.353	6201481	48.671 ug/ml
14) T Benzo[a]anthracene (C...	15.233	6063628	48.835 ug/ml
15) T Chrysene (C27.41)	15.278	6113881	48.709 ug/ml
16) T benzo[b]fluoranthene ...	16.792	6032952	48.901 ug/ml
17) T Bnezo[k]fluoranthene ...	16.827	5671462	48.669 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.173	5873108	48.823 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.544	5379712	49.404 ug/ml
20) T Dibenz[a,h]anthracene...	18.585	5534422	48.190 ug/ml
21) T Benzo[g,h,i]perylene ...	18.805	5590268	48.763 ug/ml

(f)=RT Delta > 1/2 Window

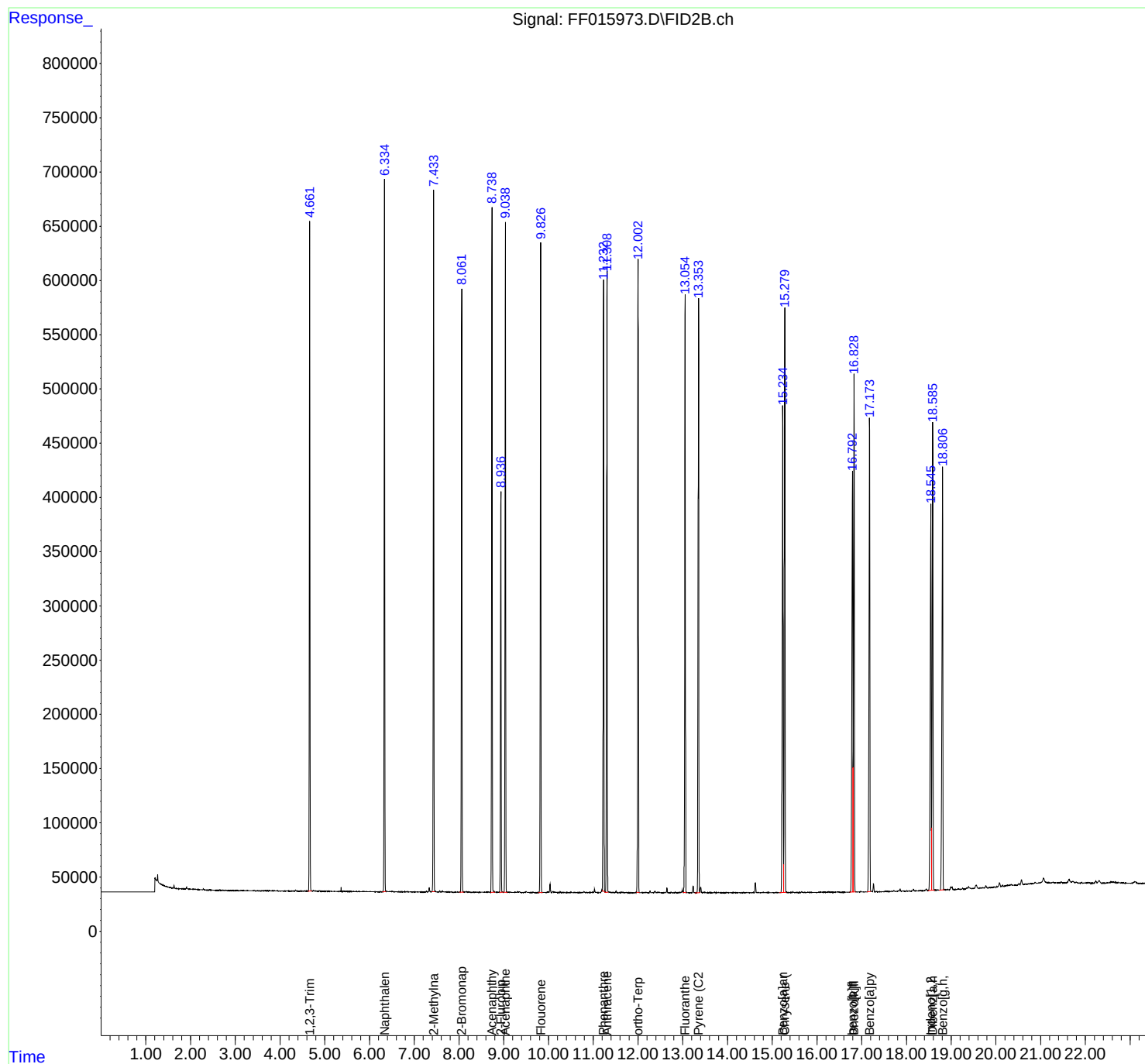
(m)=manual int.

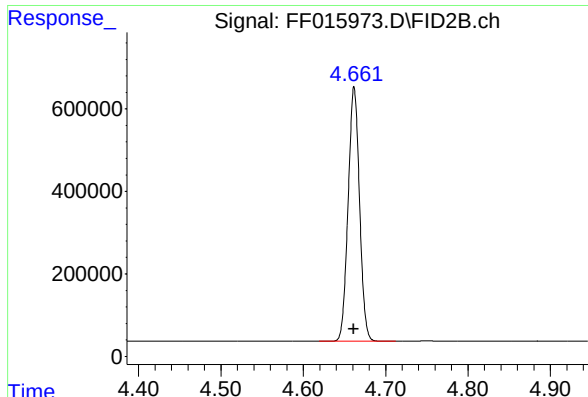
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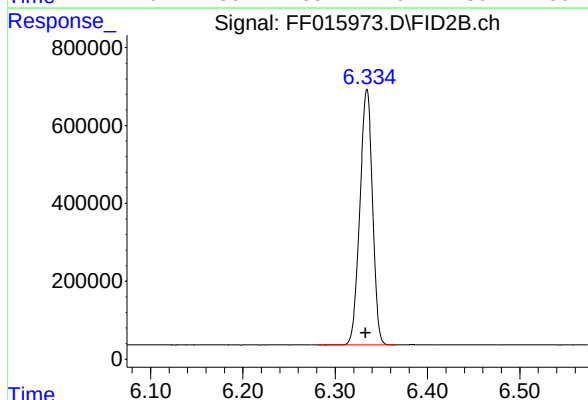




#1 1,2,3-Trimethylbenzene (C10.1)

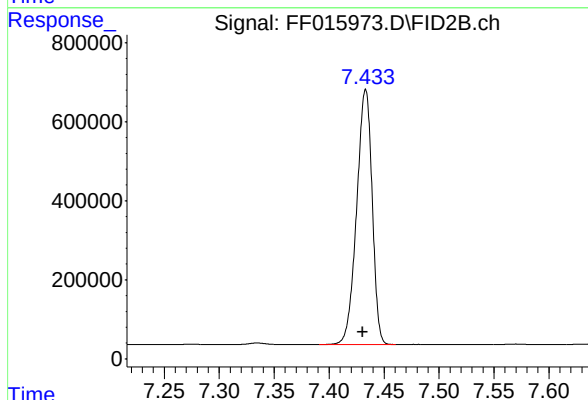
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 5910852
Conc: 48.45 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



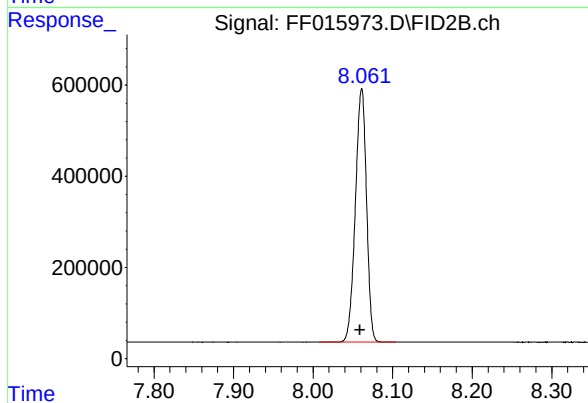
#2 Naphthalene (C11.7)

R.T.: 6.334 min
Delta R.T.: 0.001 min
Response: 6247721
Conc: 48.50 ug/ml



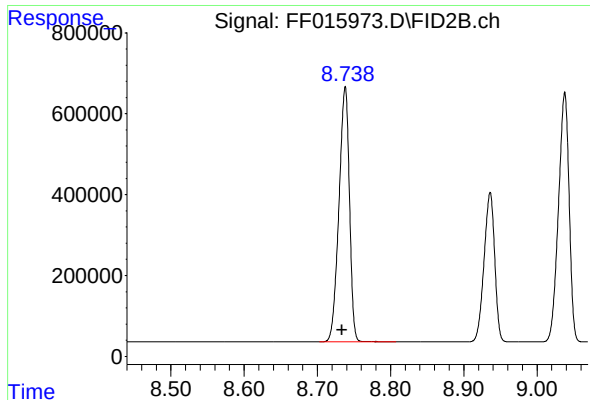
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.433 min
Delta R.T.: 0.003 min
Response: 6337172
Conc: 48.54 ug/ml



#4 2-Bromonaphthalene (SURR)

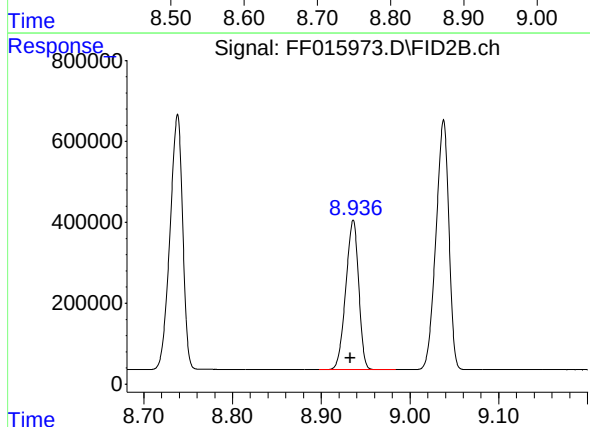
R.T.: 8.061 min
Delta R.T.: 0.002 min
Response: 5410185
Conc: 48.48 ug/ml



#5 Acenaphthylene (C15.06)

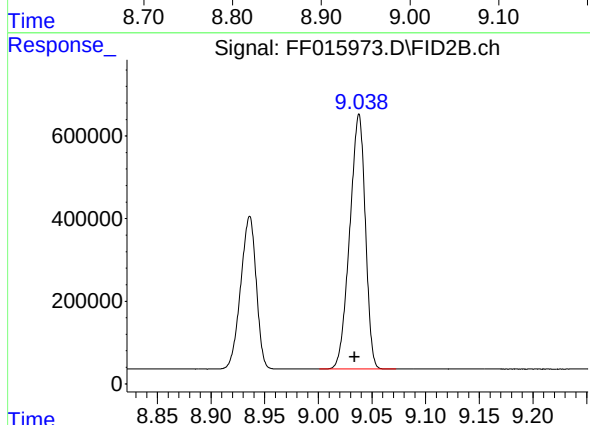
R.T.: 8.738 min
Delta R.T.: 0.004 min
Response: 6275889
Conc: 48.44 ug/ml

Instrument :
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50 PPM AROMATIC HC STD2



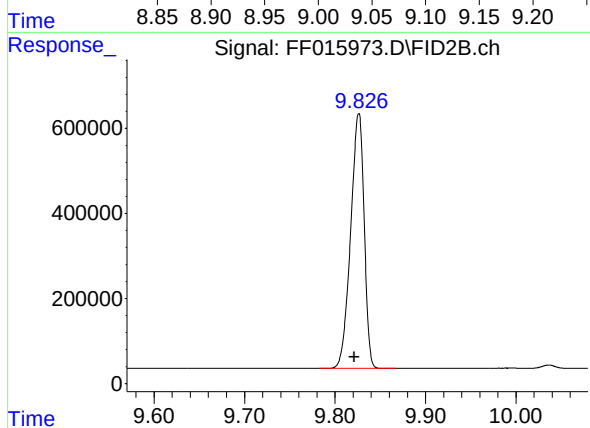
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.936 min
Delta R.T.: 0.003 min
Response: 3727550
Conc: 48.65 ug/ml



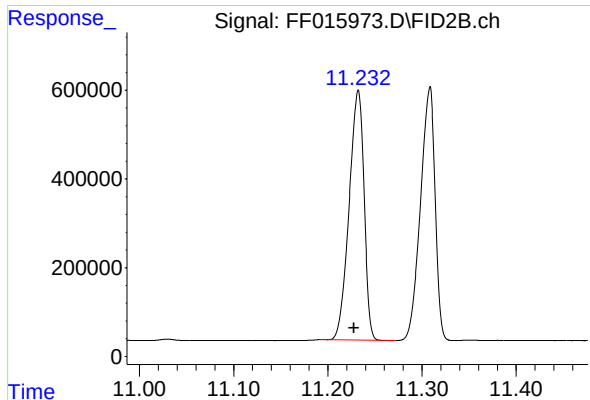
#7 Acenaphthene (C15.5)

R.T.: 9.038 min
Delta R.T.: 0.004 min
Response: 6245578
Conc: 48.58 ug/ml



#8 Flouorene (C16.55)

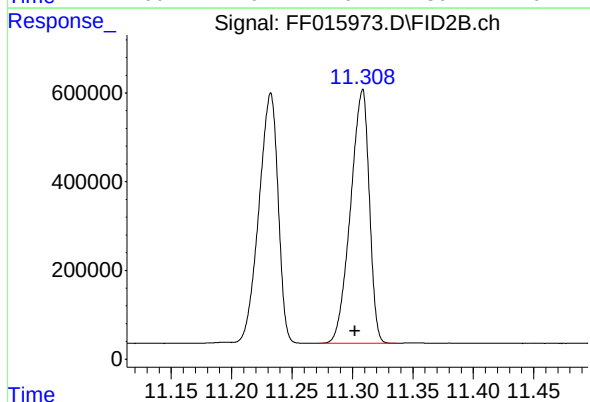
R.T.: 9.826 min
Delta R.T.: 0.005 min
Response: 6219385
Conc: 48.57 ug/ml



#9 Phenanthrene (C19.36)

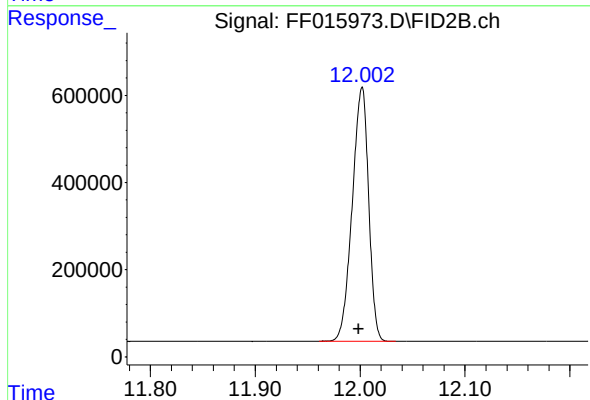
R.T.: 11.232 min
Delta R.T.: 0.004 min
Response: 6197575
Conc: 48.64 ug/ml

Instrument :
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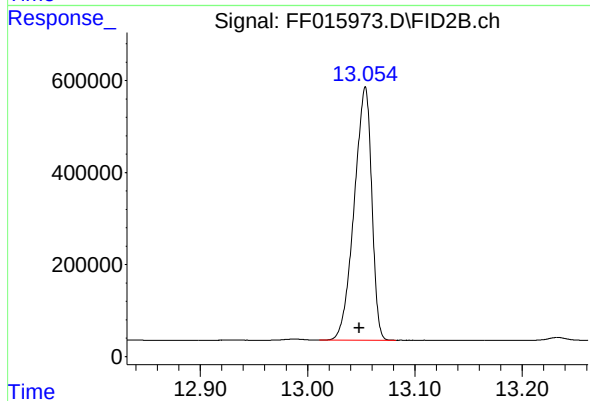
#10 Anthracene (C19.43)

R.T.: 11.308 min
Delta R.T.: 0.006 min
Response: 6177274
Conc: 48.56 ug/ml



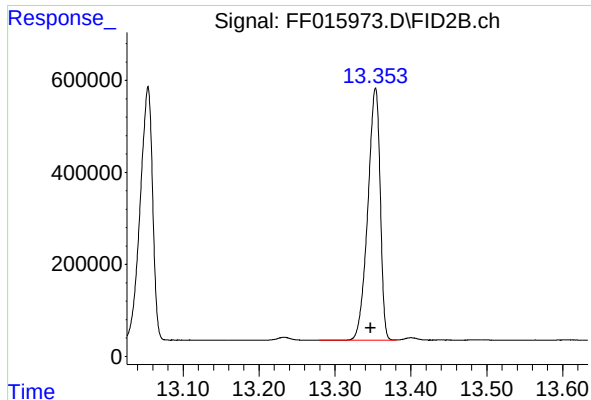
#11 ortho-Terphenyl (SURR)

R.T.: 12.001 min
Delta R.T.: 0.003 min
Response: 6336280
Conc: 48.62 ug/ml



#12 Fluoranthene (C21.85)

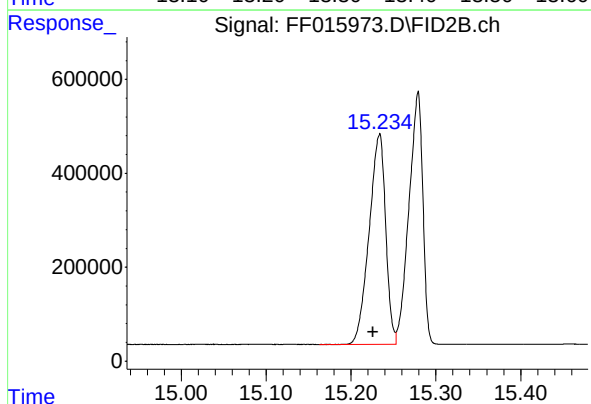
R.T.: 13.053 min
Delta R.T.: 0.005 min
Response: 6245892
Conc: 48.59 ug/ml



#13 Pyrene (C20.8)

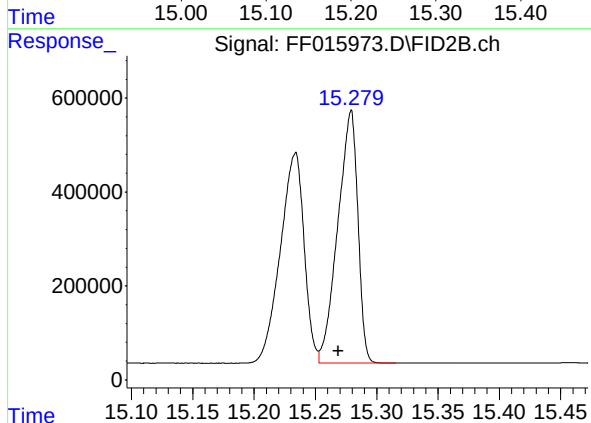
R.T.: 13.353 min
Delta R.T.: 0.006 min
Response: 6201481
Conc: 48.67 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



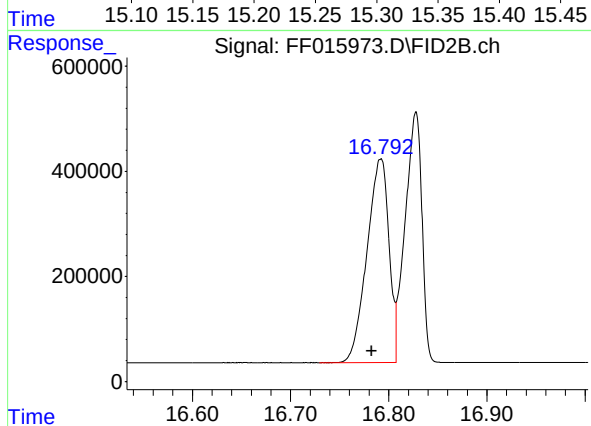
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.233 min
Delta R.T.: 0.007 min
Response: 6063628
Conc: 48.83 ug/ml



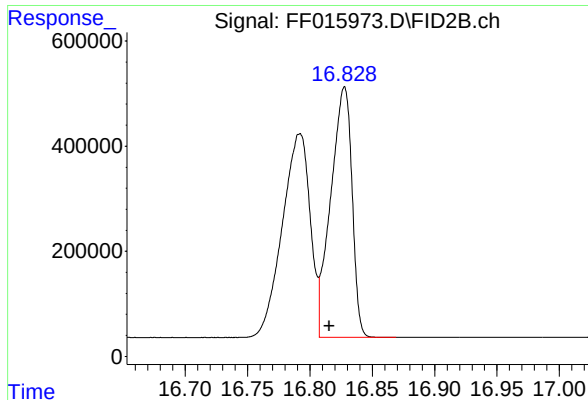
#15 Chrysene (C27.41)

R.T.: 15.278 min
Delta R.T.: 0.010 min
Response: 6113881
Conc: 48.71 ug/ml



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

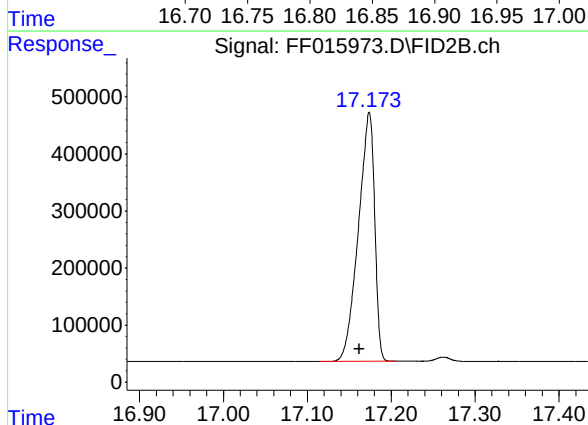
R.T.: 16.792 min
Delta R.T.: 0.009 min
Response: 6032952
Conc: 48.90 ug/ml



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

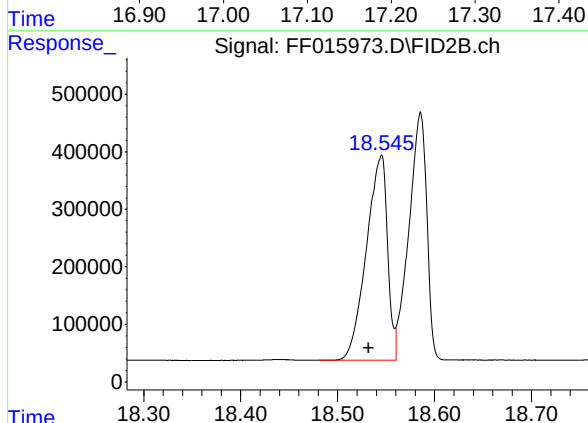
R.T.: 16.827 min
Delta R.T.: 0.012 min
Response: 5671462
Conc: 48.67 ug/ml

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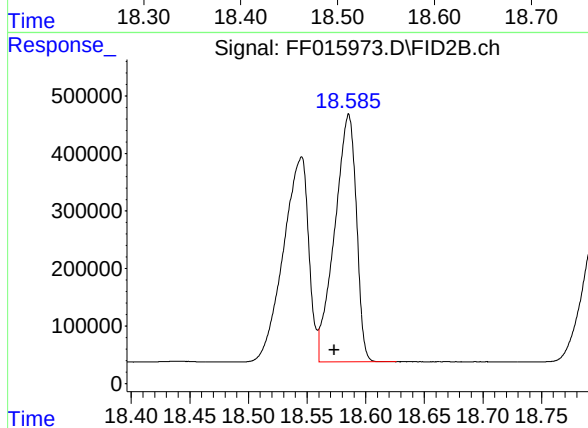
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.173 min
Delta R.T.: 0.011 min
Response: 5873108
Conc: 48.82 ug/ml



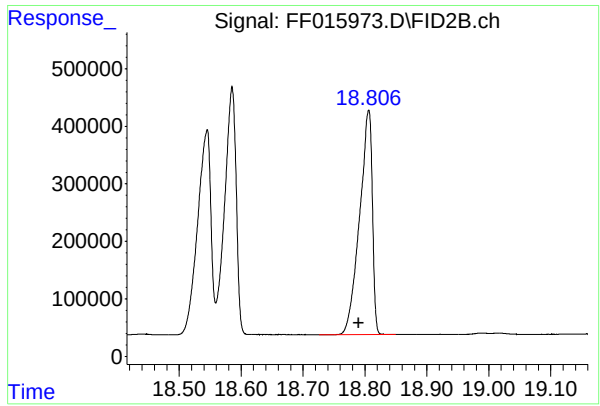
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.544 min
Delta R.T.: 0.012 min
Response: 5379712
Conc: 49.40 ug/ml



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

R.T.: 18.585 min
Delta R.T.: 0.012 min
Response: 5534422
Conc: 48.19 ug/ml



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

R.T.: 18.805 min
Delta R.T.: 0.015 min
Response: 5590268
Conc: 48.76 ug/ml

Instrument :
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