

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012225AR\
 Data File : FF015276.D
 Signal(s) : FID2B.ch
 Acq On : 22 Jan 2025 18:52
 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: Jan 23 01:24:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 07:05:42 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...	7.992	2594271	19.654 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
6) S 2-Fluorobiphenyl (SURR)	8.866	1698913	20.127 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.25%
11) S ortho-Terphenyl (SURR)	11.928	2924483	16.989 ug/ml
Spiked Amount 50.000		Recovery =	33.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.605	3045550	18.987 ug/ml
2) T Naphthalene (C11.7)	6.272	3003690	18.734 ug/ml
3) T 2-Methylnaphthalene (...)	7.367	2902103	18.250 ug/ml
5) T Acenaphthylene (C15.06)	8.667	2921877	18.388 ug/ml
7) T Acenaphthene (C15.5)	8.966	2916766	17.887 ug/ml
8) T Fluorene (C16.55)	9.754	2894789	18.385 ug/ml
9) T Phenanthrene (C19.36)	11.159	2744634	17.190 ug/ml
10) T Anthracene (C19.43)	11.234	2409182	16.318 ug/ml
12) T Fluoranthene (C21.85)	12.980	2766358	16.722 ug/ml
13) T Pyrene (C20.8)	13.278	2735101	16.886 ug/ml
14) T Benzo[a]anthracene (C...	15.159	2519666	16.890 ug/ml
15) T Chrysene (C27.41)	15.201	2564553	16.510 ug/ml
16) T benzo[b]fluoranthene ...	16.716	2553544	17.255 ug/ml
17) T Bnezo[k]fluoranthene ...	16.749	2550078	18.036 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.097	2427185	17.083 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.468	2337115	18.547 ug/ml
20) T Dibenz[a,h]anthracene...	18.508	2599039	17.567 ug/ml
21) T Benzo[g,h,i]perylene ...	18.724	2553437	18.916 ug/ml

(f)=RT Delta > 1/2 Window

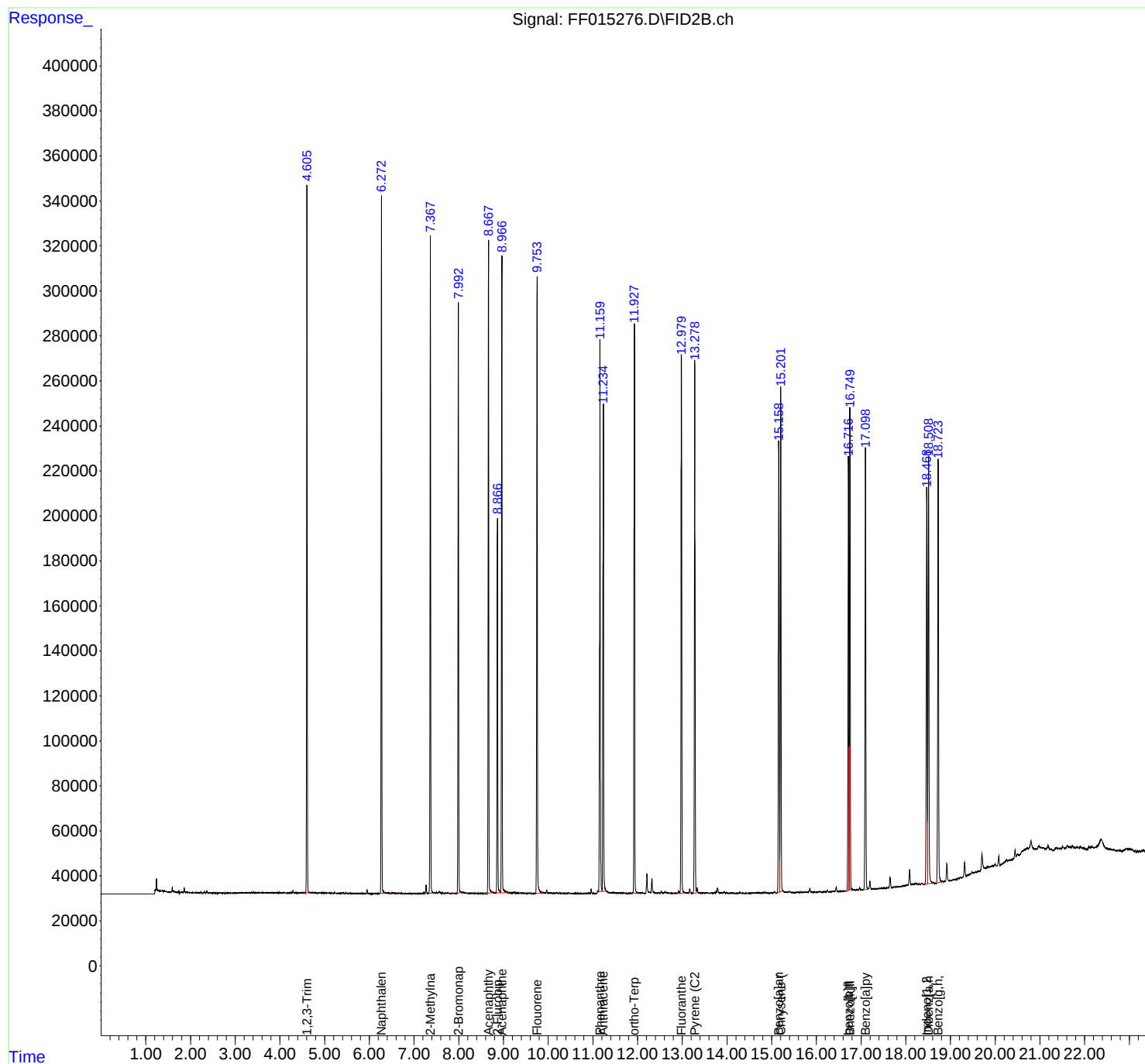
(m)=manual int.

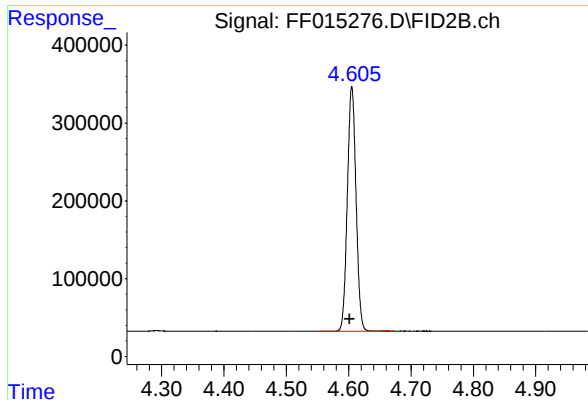
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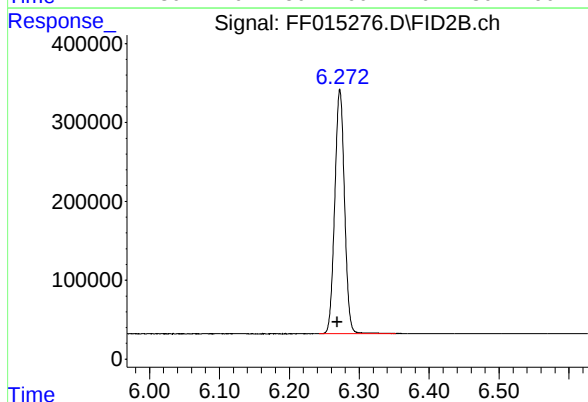




#1 1,2,3-Trimethylbenzene (C10.1)

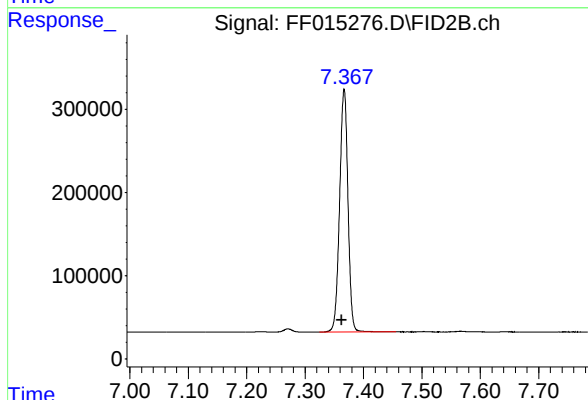
R.T.: 4.605 min
Delta R.T.: 0.003 min
Response: 3045550
Conc: 18.99 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



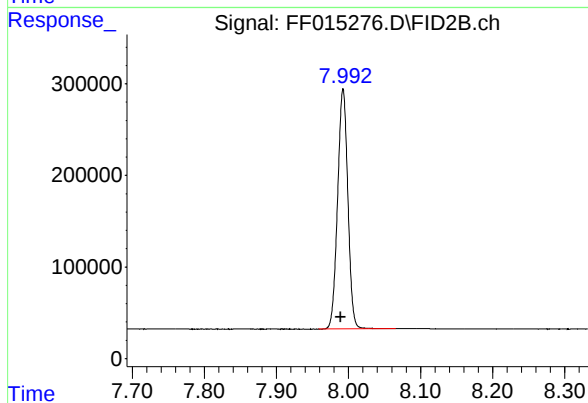
#2 Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: 0.004 min
Response: 3003690
Conc: 18.73 ug/ml



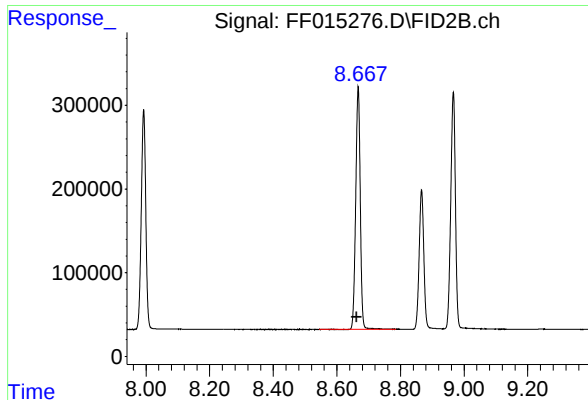
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.367 min
Delta R.T.: 0.004 min
Response: 2902103
Conc: 18.25 ug/ml



#4 2-Bromonaphthalene (SURR)

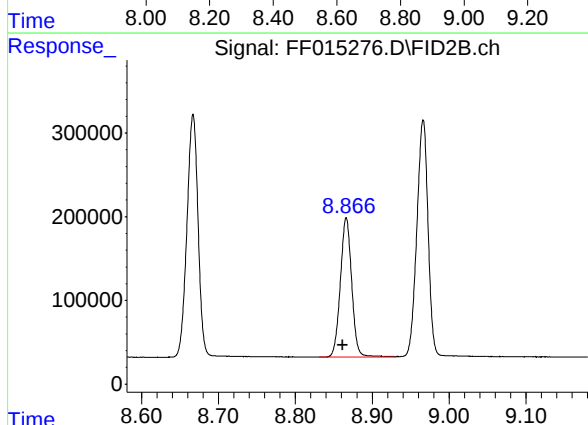
R.T.: 7.992 min
Delta R.T.: 0.004 min
Response: 2594271
Conc: 19.65 ug/ml



#5 Acenaphthylene (C15.06)

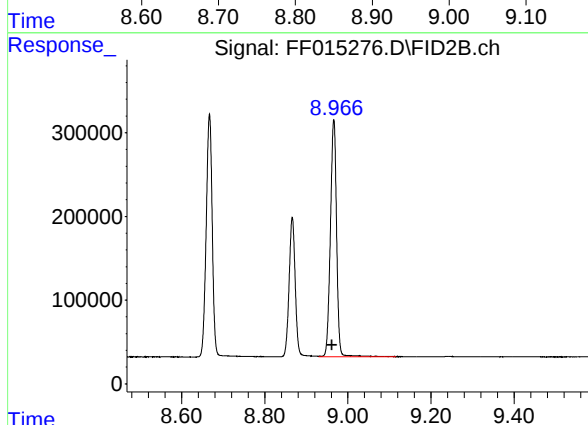
R.T.: 8.667 min
Delta R.T.: 0.005 min
Response: 2921877
Conc: 18.39 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



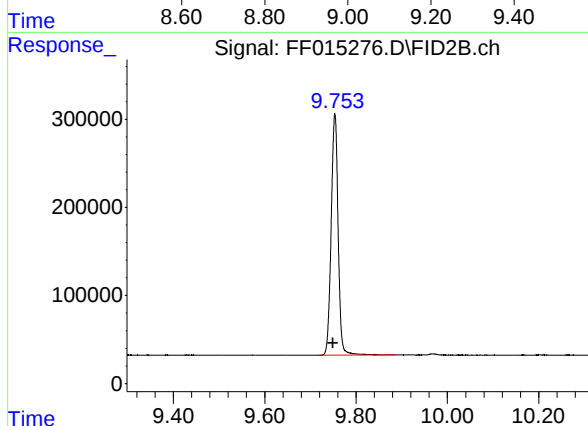
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.866 min
Delta R.T.: 0.005 min
Response: 1698913
Conc: 20.13 ug/ml



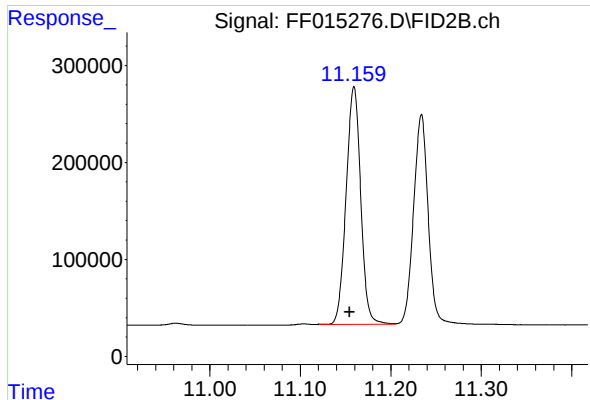
#7 Acenaphthene (C15.5)

R.T.: 8.966 min
Delta R.T.: 0.004 min
Response: 2916766
Conc: 17.89 ug/ml



#8 Flouorene (C16.55)

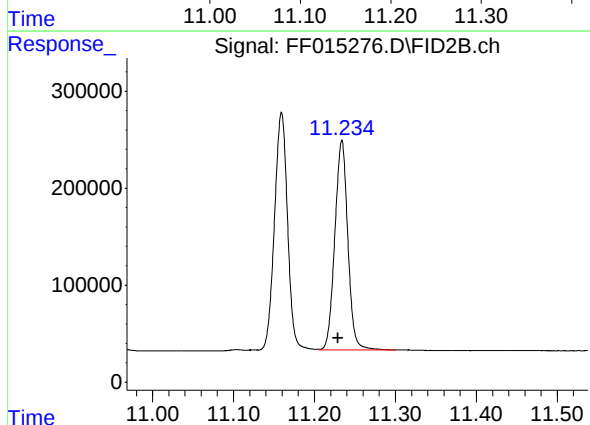
R.T.: 9.754 min
Delta R.T.: 0.004 min
Response: 2894789
Conc: 18.38 ug/ml



#9 Phenanthrene (C19.36)

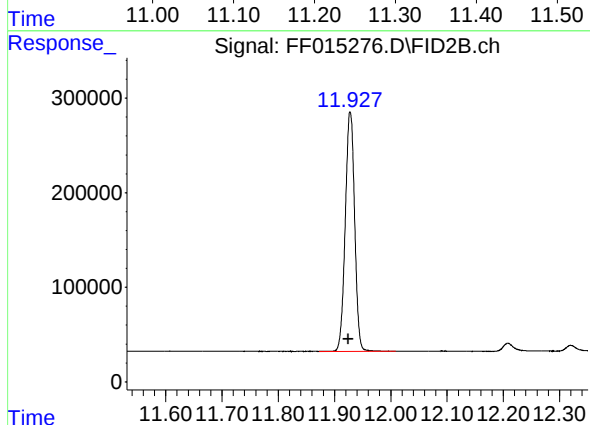
R.T.: 11.159 min
Delta R.T.: 0.005 min
Response: 2744634
Conc: 17.19 ug/ml

Instrument :
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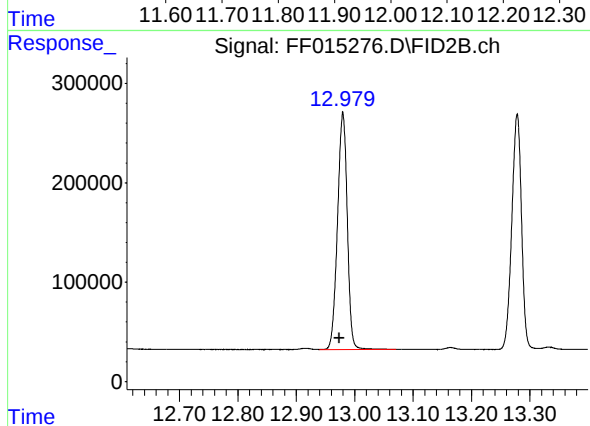
#10 Anthracene (C19.43)

R.T.: 11.234 min
Delta R.T.: 0.005 min
Response: 2409182
Conc: 16.32 ug/ml



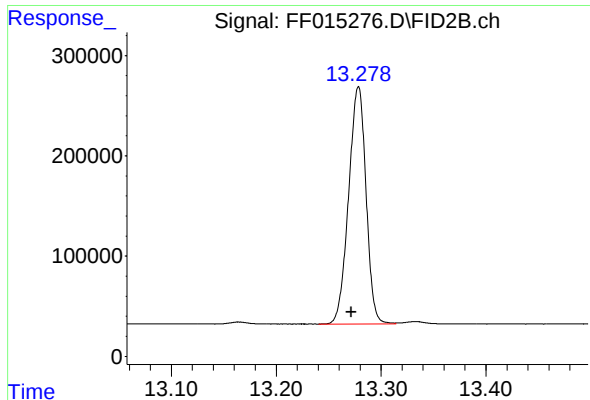
#11 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: 0.004 min
Response: 2924483
Conc: 16.99 ug/ml



#12 Fluoranthene (C21.85)

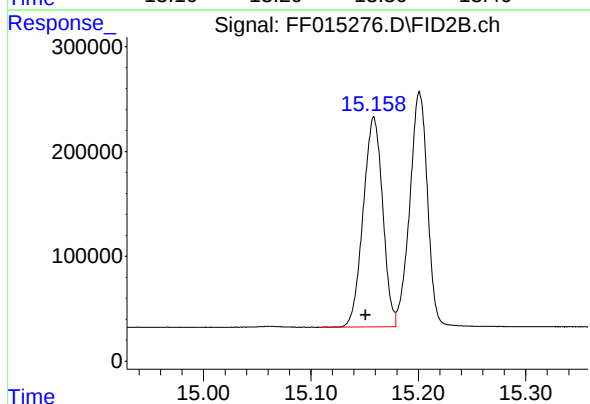
R.T.: 12.980 min
Delta R.T.: 0.006 min
Response: 2766358
Conc: 16.72 ug/ml



#13 Pyrene (C20.8)

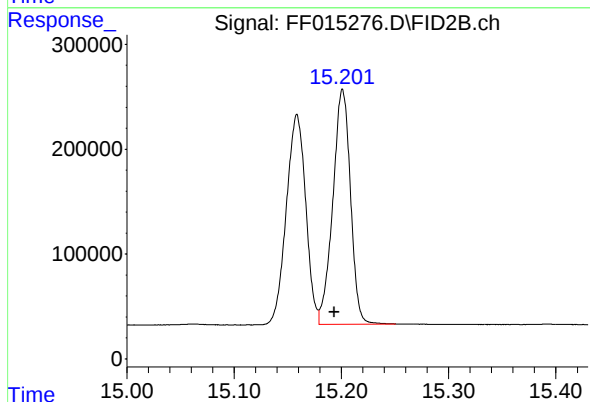
R.T.: 13.278 min
Delta R.T.: 0.007 min
Response: 2735101
Conc: 16.89 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



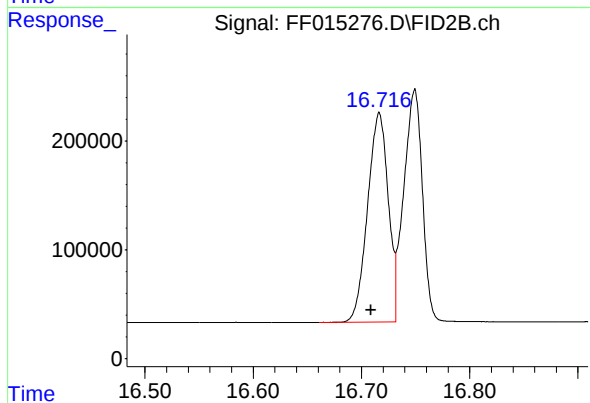
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.159 min
Delta R.T.: 0.008 min
Response: 2519666
Conc: 16.89 ug/ml



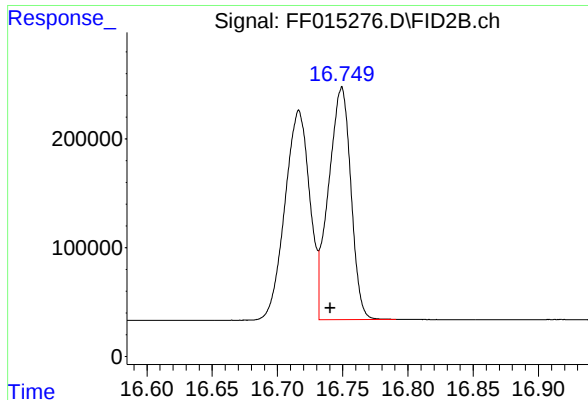
#15 Chrysene (C27.41)

R.T.: 15.201 min
Delta R.T.: 0.008 min
Response: 2564553
Conc: 16.51 ug/ml



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

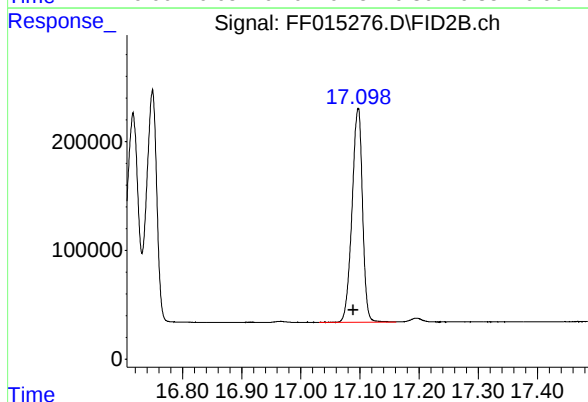
R.T.: 16.716 min
Delta R.T.: 0.008 min
Response: 2553544
Conc: 17.26 ug/ml



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

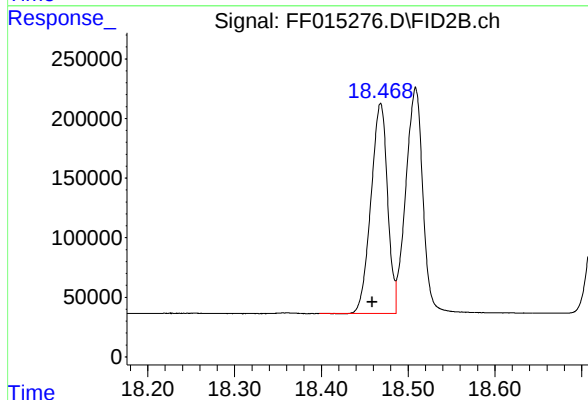
R.T.: 16.749 min
Delta R.T.: 0.008 min
Response: 2550078
Conc: 18.04 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



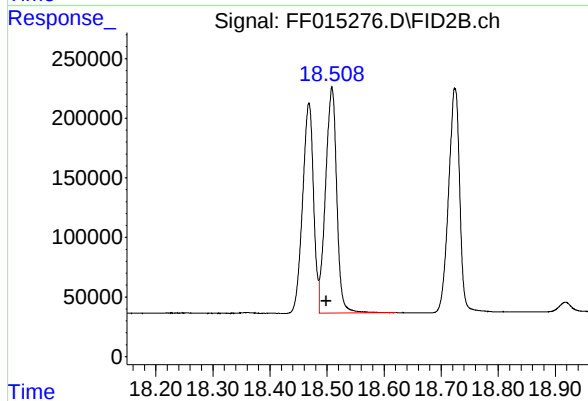
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.097 min
Delta R.T.: 0.008 min
Response: 2427185
Conc: 17.08 ug/ml



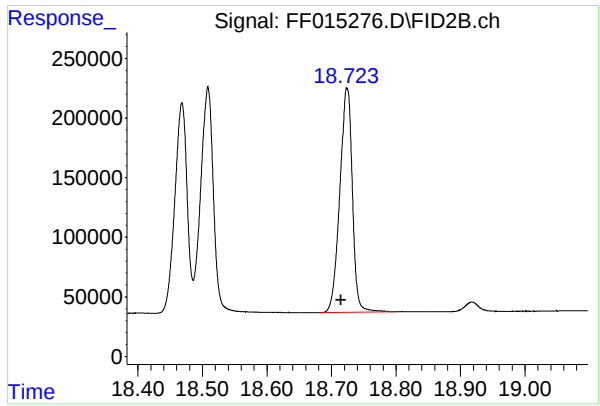
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.468 min
Delta R.T.: 0.010 min
Response: 2337115
Conc: 18.55 ug/ml



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

R.T.: 18.508 min
Delta R.T.: 0.010 min
Response: 2599039
Conc: 17.57 ug/ml



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

R.T.: 18.724 min
Delta R.T.: 0.010 min
Response: 2553437
Conc: 18.92 ug/ml

Instrument :

FID_F

ClientSampleId :

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