

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AR\
 Data File : FF015479.D
 Signal(s) : FID2B.ch
 Acq On : 06 Feb 2025 01:42
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: sample.E
 Quant Time: Feb 06 05:05:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 05:02:08 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...	7.996	2544202	21.974 ug/ml
Spiked Amount 50.000		Recovery =	43.95%
6) S 2-Fluorobiphenyl (SURR)	8.872	1613947	21.758 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.52%
11) S ortho-Terphenyl (SURR)	11.934	2756362	21.703 ug/ml
Spiked Amount 50.000		Recovery =	43.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	2921215	21.787 ug/ml
2) T Naphthalene (C11.7)	6.276	2914913	21.775 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	2804089	21.762 ug/ml
5) T Acenaphthylene (C15.06)	8.672	2838063	21.641 ug/ml
7) T Acenaphthene (C15.5)	8.970	2807806	21.725 ug/ml
8) T Fluorene (C16.55)	9.760	2729499	21.717 ug/ml
9) T Phenanthrene (C19.36)	11.166	2558486	21.674 ug/ml
10) T Anthracene (C19.43)	11.242	2529927	21.719 ug/ml
12) T Fluoranthene (C21.85)	12.989	2556882	21.695 ug/ml
13) T Pyrene (C20.8)	13.288	2567814	21.721 ug/ml
14) T Benzo[a]anthracene (C...	15.170	2309487	21.576 ug/ml
15) T Chrysene (C27.41)	15.212	2495367	21.576 ug/ml
16) T benzo[b]fluoranthene ...	16.730	2446803	21.663 ug/ml
17) T Bnezo[k]fluoranthene ...	16.762	2534445	21.811 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.112	2373012	21.694 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.486	2291637	21.429 ug/ml
20) T Dibenz[a,h]anthracene...	18.524	2600397	21.261 ug/ml
21) T Benzo[g,h,i]perylene ...	18.741	2698284	21.635 ug/ml

(f)=RT Delta > 1/2 Window

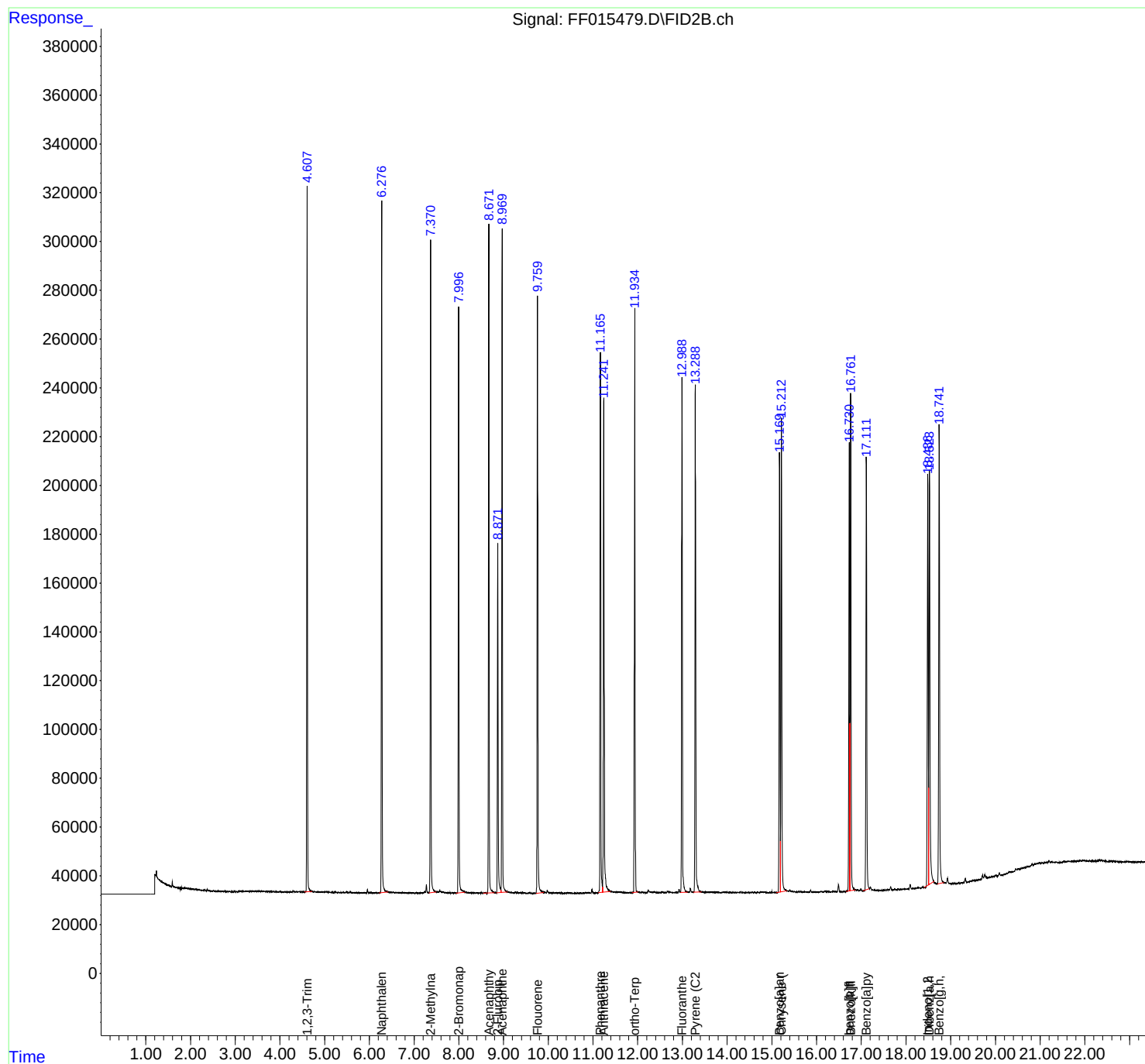
(m)=manual int.

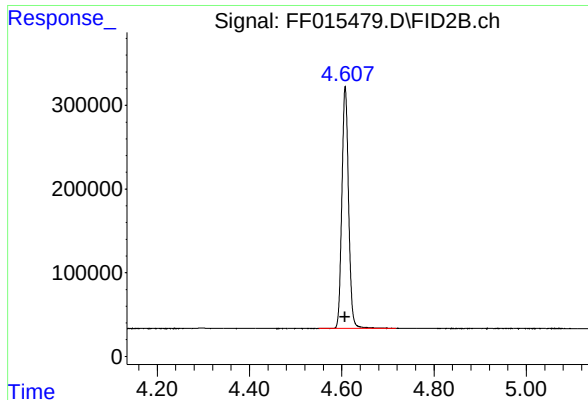
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#1 1,2,3-Trimethylbenzene (C10.1)

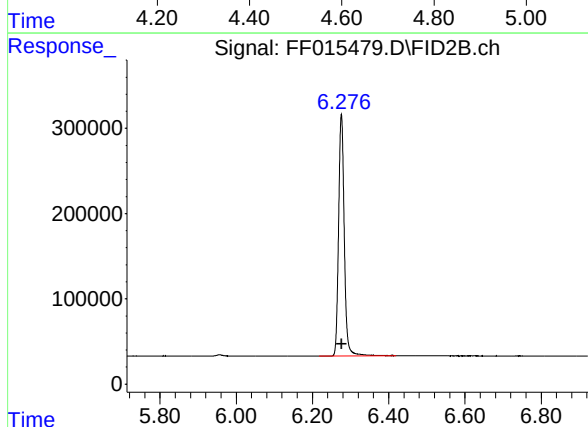
R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 2921215
Conc: 21.79 ug/ml

Instrument :

FID_F

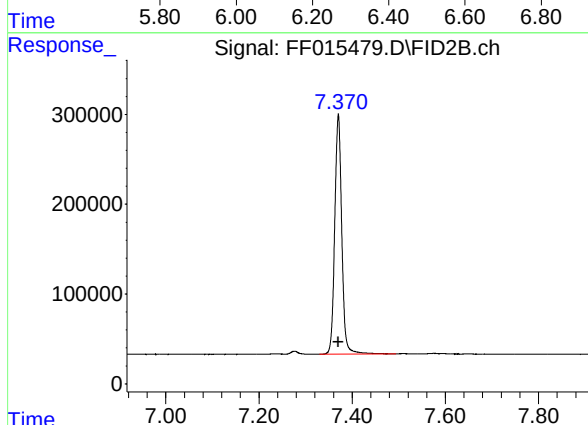
ClientSampleId :

20 PPM AROMATIC HC STD ICV



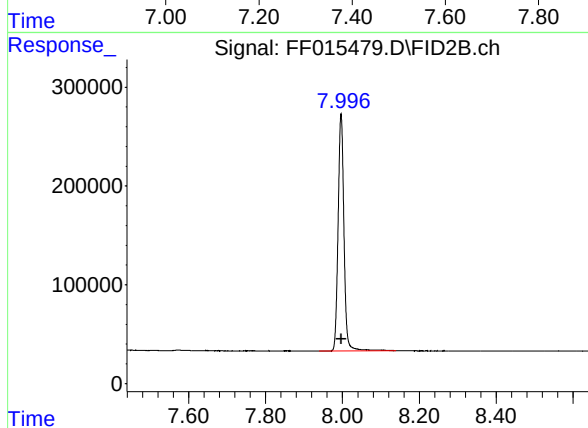
#2 Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 2914913
Conc: 21.78 ug/ml



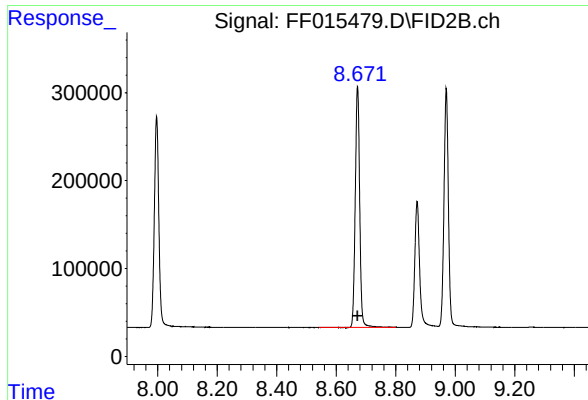
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 2804089
Conc: 21.76 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 2544202
Conc: 21.97 ug/ml



#5 Acenaphthylene (C15.06)

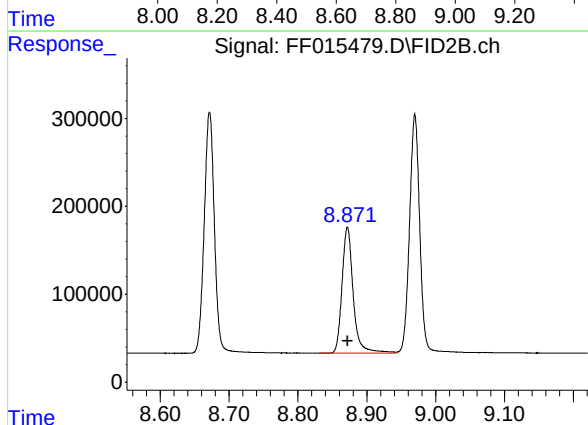
R.T.: 8.672 min
Delta R.T.: 0.000 min
Response: 2838063
Conc: 21.64 ug/ml

Instrument :

FID_F

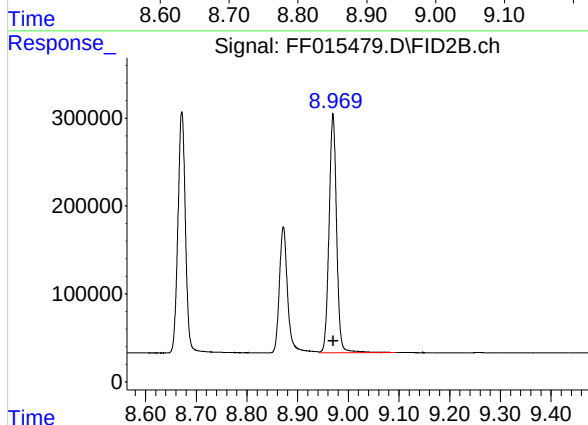
ClientSampleId :

20 PPM AROMATIC HC STD ICV



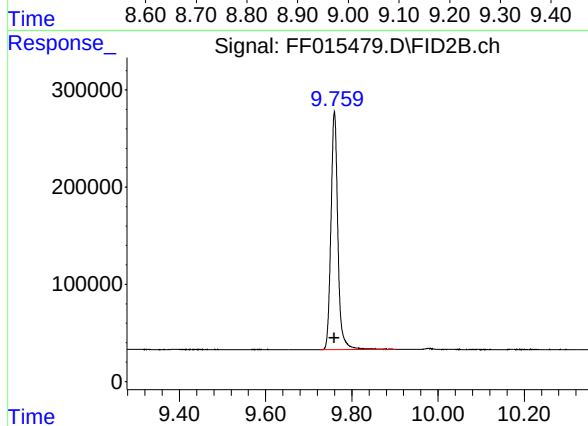
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.872 min
Delta R.T.: 0.000 min
Response: 1613947
Conc: 21.76 ug/ml



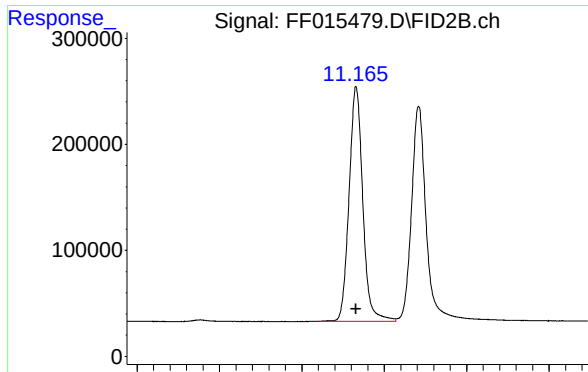
#7 Acenaphthene (C15.5)

R.T.: 8.970 min
Delta R.T.: 0.000 min
Response: 2807806
Conc: 21.73 ug/ml



#8 Flouorene (C16.55)

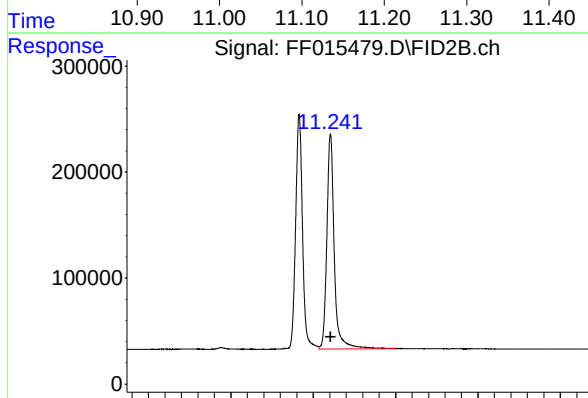
R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 2729499
Conc: 21.72 ug/ml



#9 Phenanthrene (C19.36)

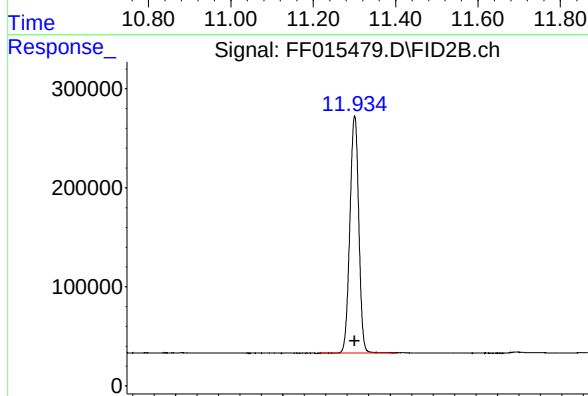
R.T.: 11.166 min
Delta R.T.: 0.000 min
Response: 2558486
Conc: 21.67 ug/ml

Instrument :
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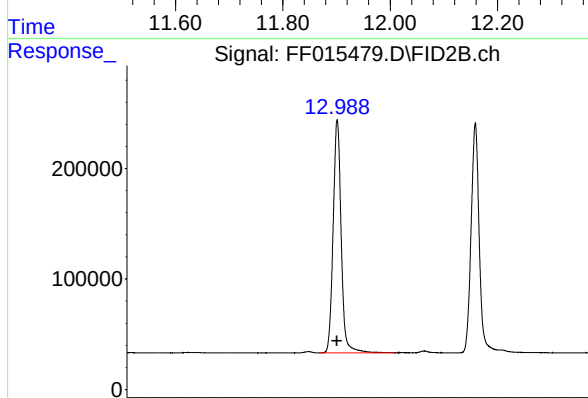
#10 Anthracene (C19.43)

R.T.: 11.242 min
Delta R.T.: 0.000 min
Response: 2529927
Conc: 21.72 ug/ml



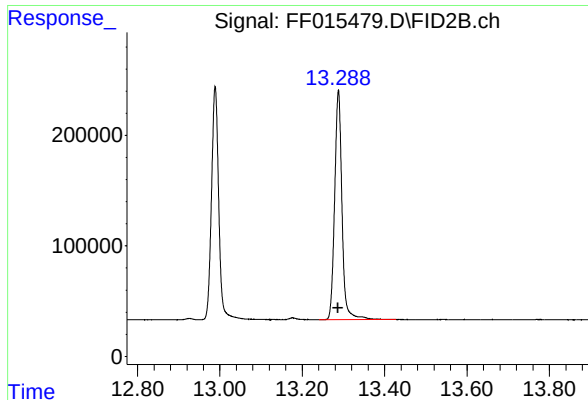
#11 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: 0.000 min
Response: 2756362
Conc: 21.70 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.989 min
Delta R.T.: 0.000 min
Response: 2556882
Conc: 21.69 ug/ml



#13 Pyrene (C20.8)

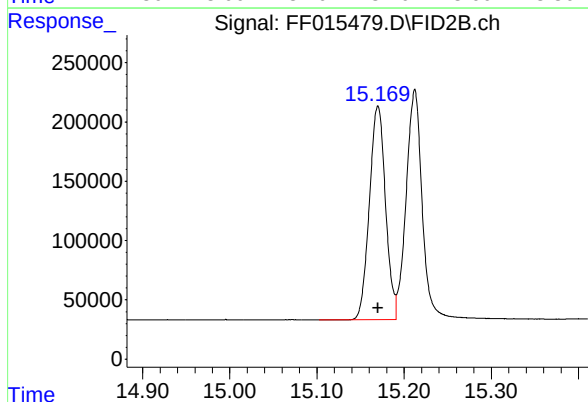
R.T.: 13.288 min
Delta R.T.: 0.000 min
Response: 2567814
Conc: 21.72 ug/ml

Instrument :

FID_F

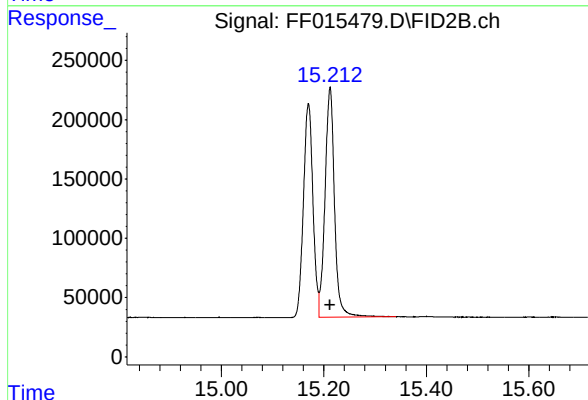
ClientSampleId :

20 PPM AROMATIC HC STD ICV



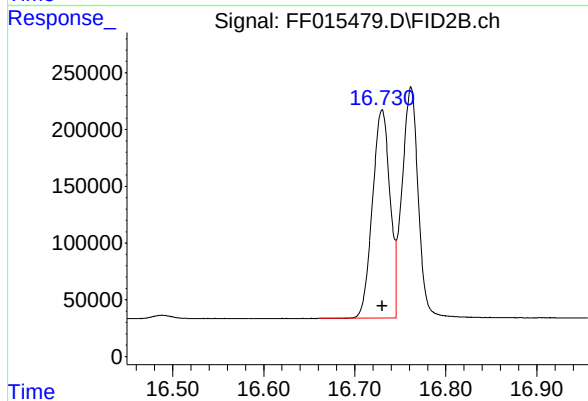
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.170 min
Delta R.T.: 0.000 min
Response: 2309487
Conc: 21.58 ug/ml



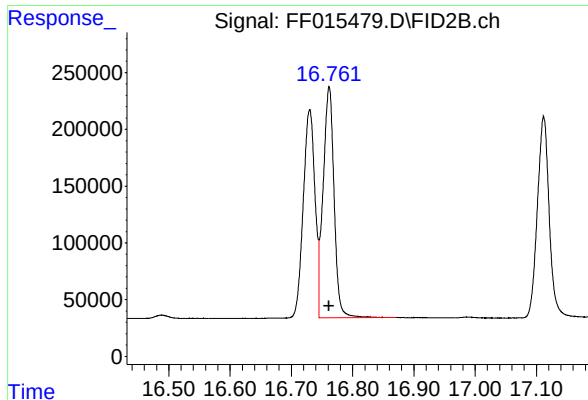
#15 Chrysene (C27.41)

R.T.: 15.212 min
Delta R.T.: 0.000 min
Response: 2495367
Conc: 21.58 ug/ml



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

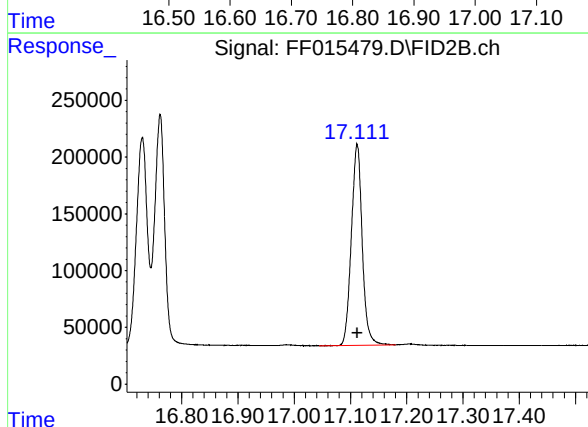
R.T.: 16.730 min
Delta R.T.: 0.000 min
Response: 2446803
Conc: 21.66 ug/ml



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

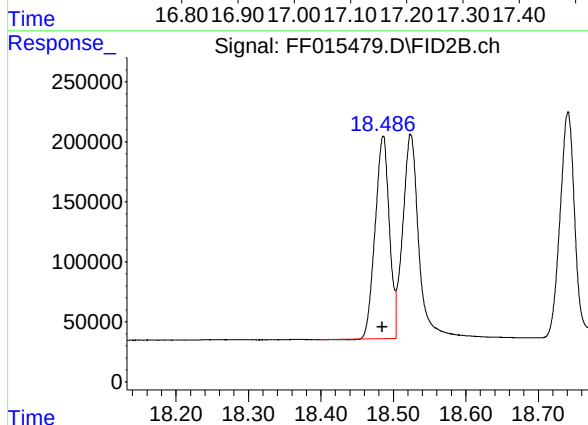
R.T.: 16.762 min
Delta R.T.: 0.000 min
Response: 2534445
Conc: 21.81 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD ICV



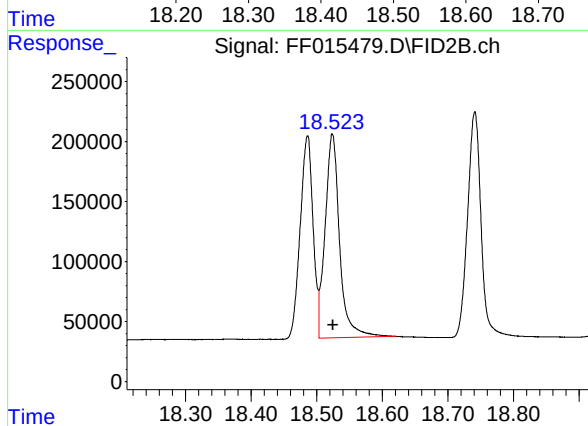
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.112 min
Delta R.T.: 0.000 min
Response: 2373012
Conc: 21.69 ug/ml



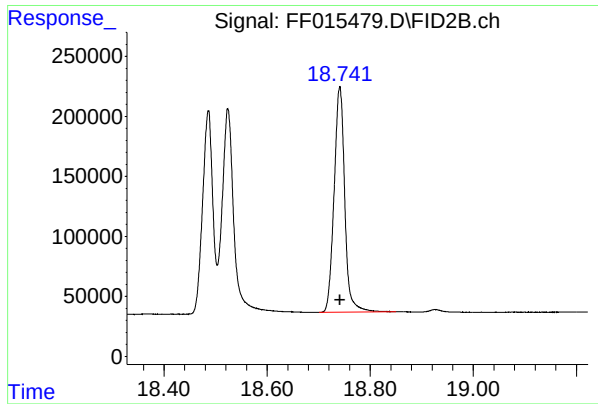
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.486 min
Delta R.T.: 0.000 min
Response: 2291637
Conc: 21.43 ug/ml



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

R.T.: 18.524 min
Delta R.T.: 0.000 min
Response: 2600397
Conc: 21.26 ug/ml



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

R.T.: 18.741 min

Delta R.T.: 0.000 min

Response: 2698284

Conc: 21.64 ug/ml

Instrument :

FID_F

ClientSampleId :

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