

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110424AR\
 Data File : FF014921.D
 Signal(s) : FID2B.ch
 Acq On : 04 Nov 2024 18:46
 Operator : YP\AJ
 Sample : PB164637BS
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

PB164637BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :Ankita Jodhani 11/06/2024

Integration File: autoint1.e

Quant Time: Nov 05 01:27:47 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M

Quant Title : GC Extractables

QLast Update : Tue Oct 22 04:14:53 2024

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...	7.993	6865390	49.234 ug/ml
Spiked Amount 50.000		Recovery =	98.47%
6) S 2-Fluorobiphenyl (SURR)	8.867	4649329	49.298 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.60%
11) S ortho-Terphenyl (SURR)	11.927	6346201	39.669 ug/ml
Spiked Amount 50.000		Recovery =	79.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	4090612	26.892 ug/ml
2) T Naphthalene (C11.7)	6.272	4792205	29.940 ug/ml
3) T 2-Methylnaphthalene (...)	7.366	4786591	29.587 ug/ml
5) T Acenaphthylene (C15.06)	8.667	5484665	34.622 ug/ml
7) T Acenaphthene (C15.5)	8.966	5778384	36.419 ug/ml
8) T Fluorene (C16.55)	9.754	5747906	36.431 ug/ml
9) T Phenanthrene (C19.36)	11.159	5717048	36.316 ug/ml
10) T Anthracene (C19.43)	11.235	5643733	37.519 ug/ml
12) T Fluoranthene (C21.85)	12.979	5640490	35.792 ug/ml
13) T Pyrene (C20.8)	13.278	5576837	35.767 ug/ml
14) T Benzo[a]anthracene (C...	15.157	5442345	35.814 ug/ml
15) T Chrysene (C27.41)	15.202	6124515	39.630 ug/mlm
16) T benzo[b]fluoranthene ...	16.714	5459731	35.711 ug/ml
17) T Bnezo[k]fluoranthene ...	16.749	5350229	37.035 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.094	5187671	34.755 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.466	5586016	40.729 ug/ml
20) T Dibenz[a,h]anthracene...	18.505	5015005	34.521 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.724	5409689	37.866 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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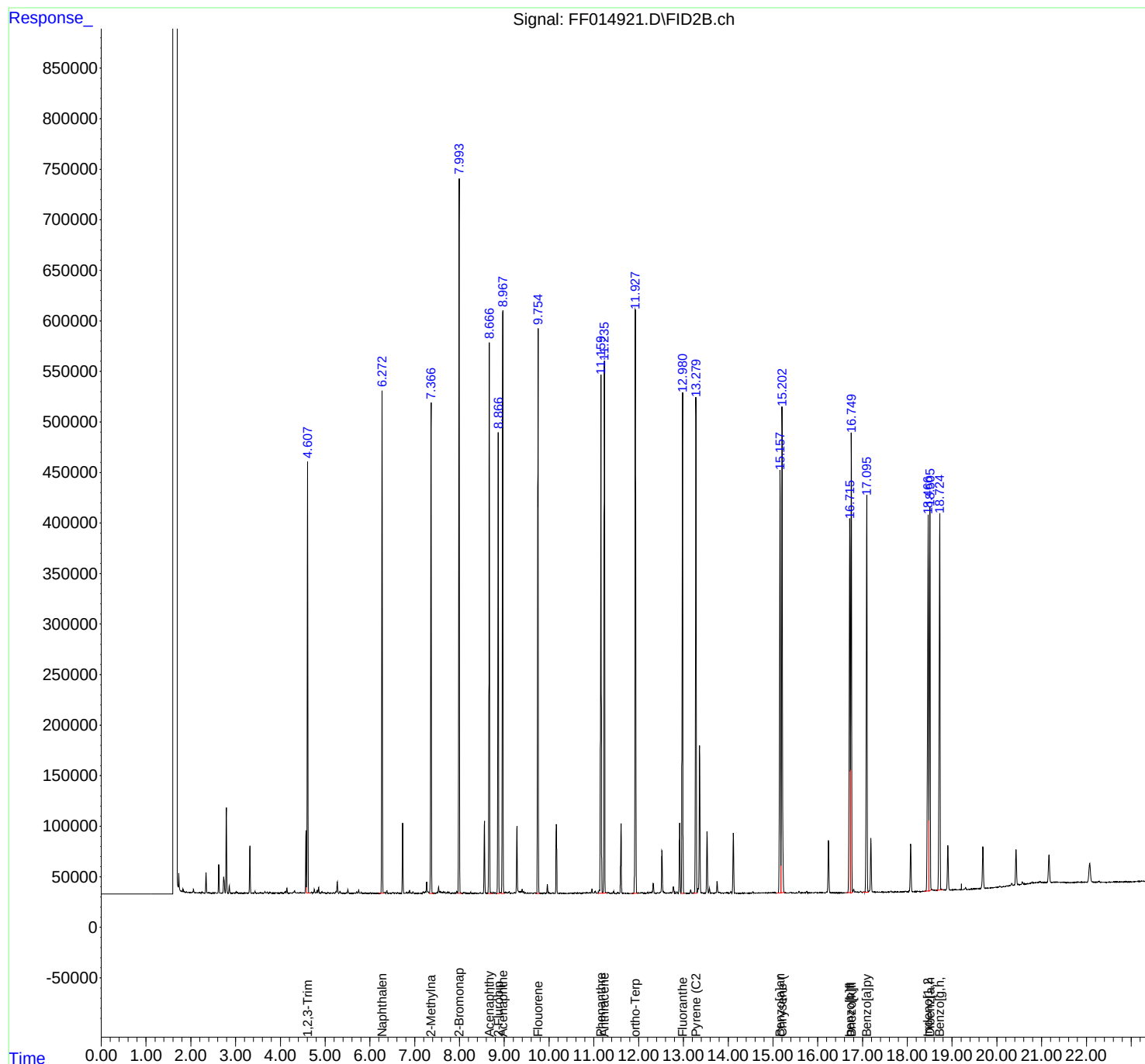
APPROVED

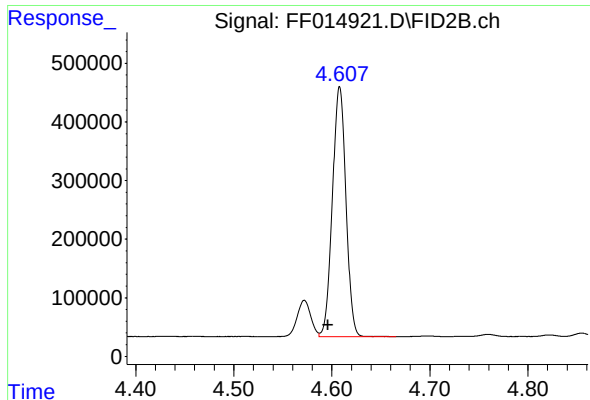
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
Quant Title : GC Extractables
QLast Update : Tue Oct 22 04:14:53 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.608 min
Delta R.T.: 0.012 min
Response: 4090612
Conc: 26.89 ug/ml

Instrument :

FID_F

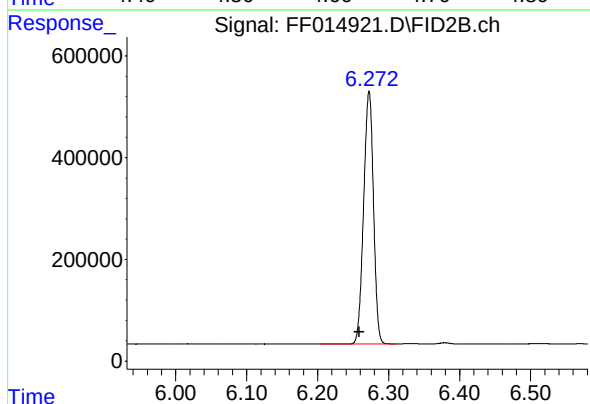
ClientSampleId :

PB164637BS

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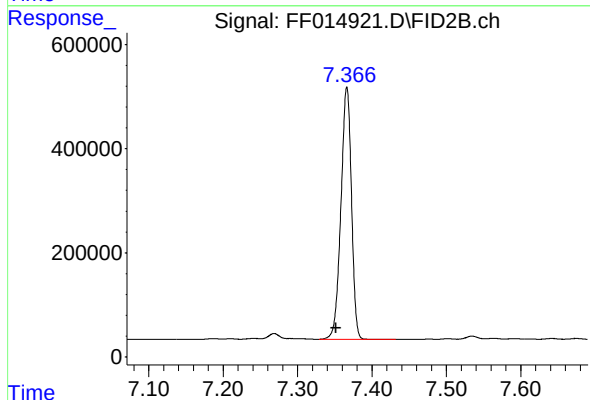
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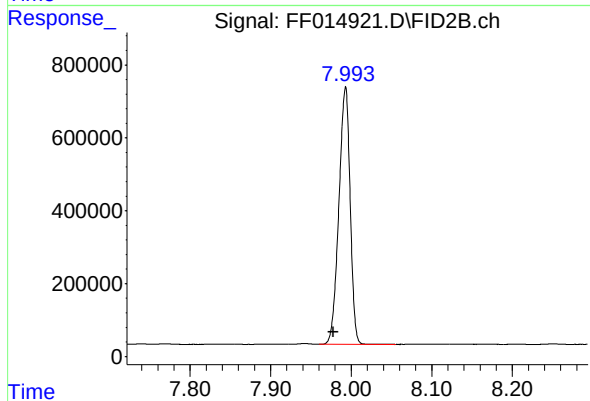
#2 Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: 0.013 min
Response: 4792205
Conc: 29.94 ug/ml



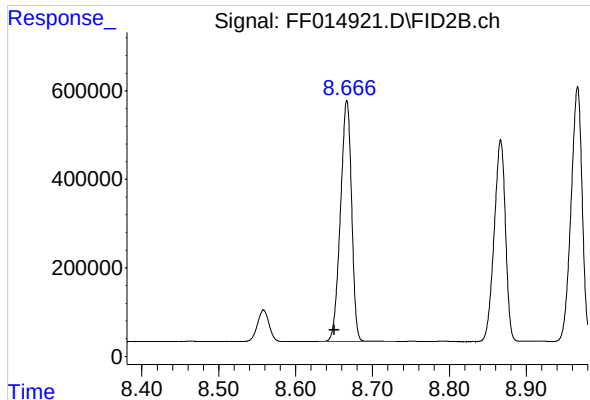
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.366 min
Delta R.T.: 0.014 min
Response: 4786591
Conc: 29.59 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.993 min
Delta R.T.: 0.015 min
Response: 6865390
Conc: 49.23 ug/ml



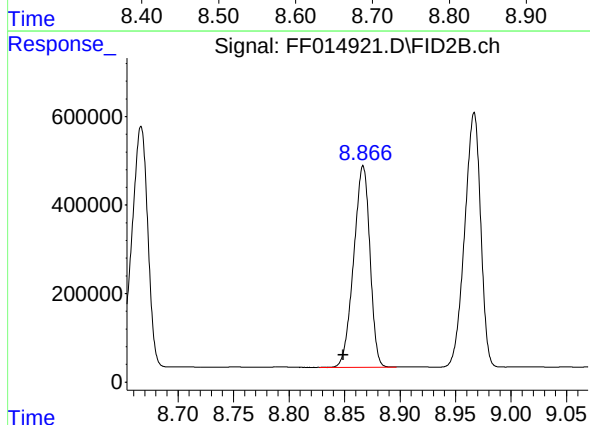
#5 Acenaphthylene (C15.06)

R.T.: 8.667 min
Delta R.T.: 0.016 min
Response: 5484665
Conc: 34.62 ug/ml

Instrument :
FID_F
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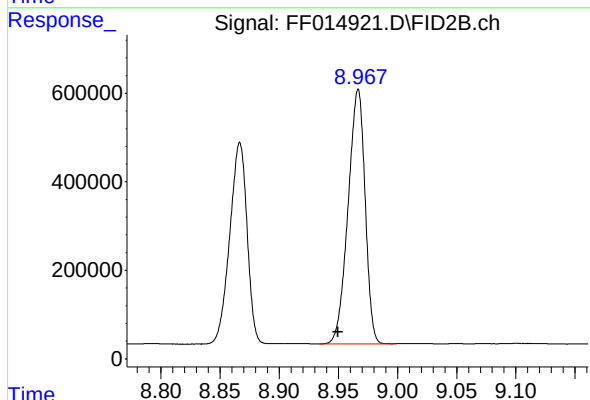
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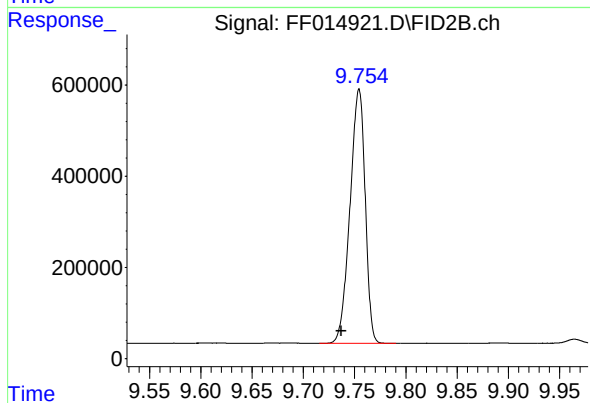
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.867 min
Delta R.T.: 0.018 min
Response: 4649329
Conc: 49.30 ug/ml



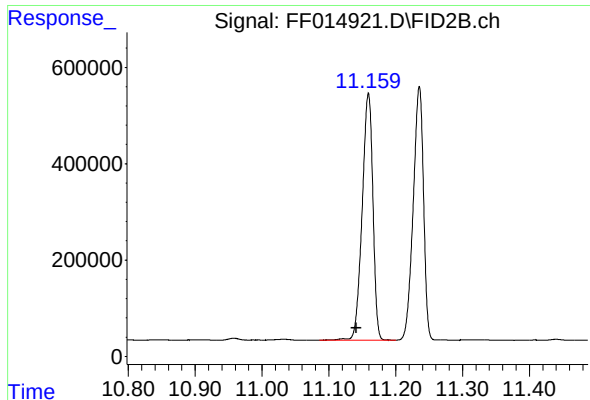
#7 Acenaphthene (C15.5)

R.T.: 8.966 min
Delta R.T.: 0.017 min
Response: 5778384
Conc: 36.42 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.754 min
Delta R.T.: 0.017 min
Response: 5747906
Conc: 36.43 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.159 min
Delta R.T.: 0.018 min
Response: 5717048
Conc: 36.32 ug/ml

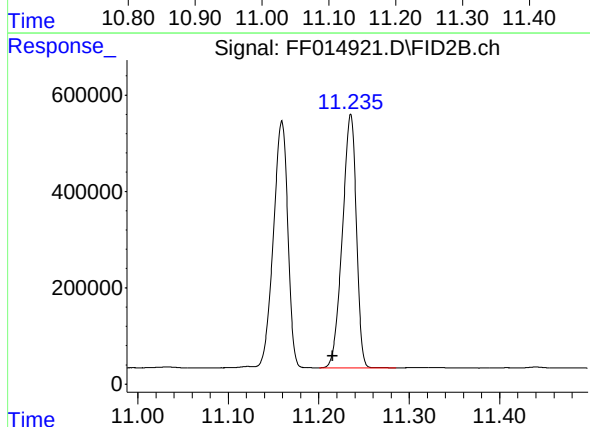
Instrument :

FID_F

ClientSampleId :
PB164637BS

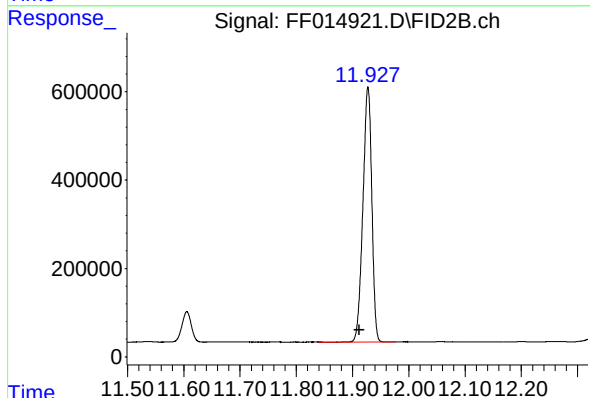
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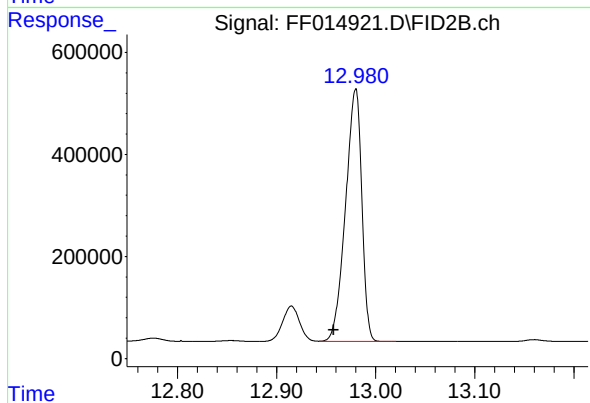
#10 Anthracene (C19.43)

R.T.: 11.235 min
Delta R.T.: 0.020 min
Response: 5643733
Conc: 37.52 ug/ml



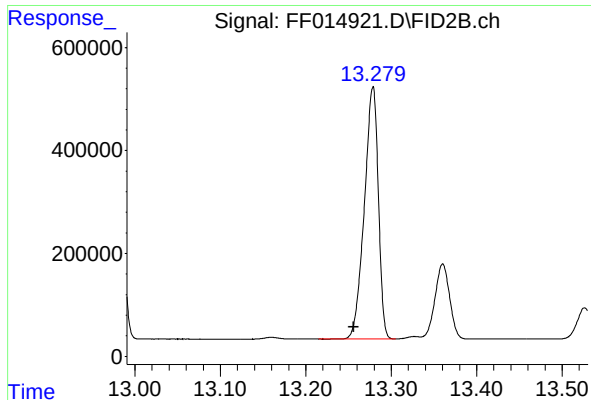
#11 ortho-Terphenyl (SURR)

R.T.: 11.927 min
Delta R.T.: 0.015 min
Response: 6346201
Conc: 39.67 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.979 min
Delta R.T.: 0.022 min
Response: 5640490
Conc: 35.79 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.278 min
Delta R.T.: 0.022 min
Response: 5576837
Conc: 35.77 ug/ml

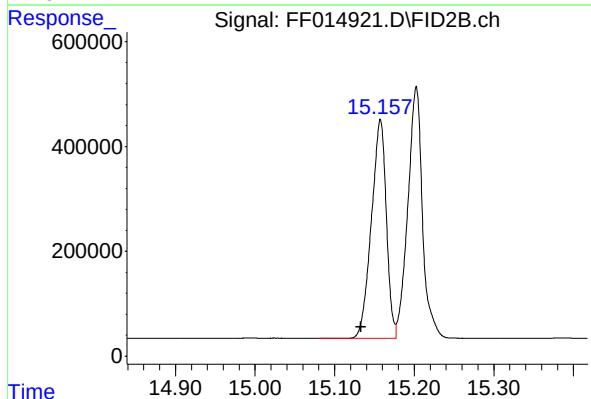
Instrument :

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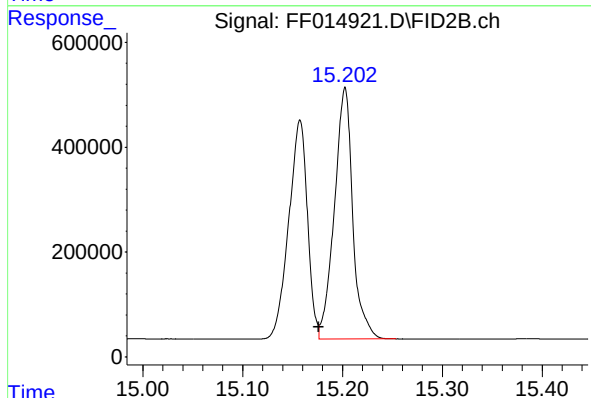
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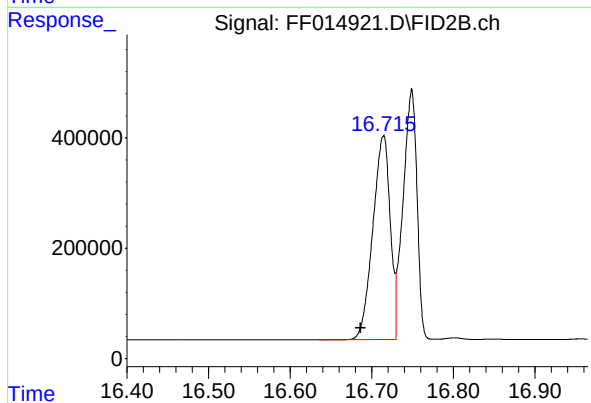
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.157 min
Delta R.T.: 0.024 min
Response: 5442345
Conc: 35.81 ug/ml



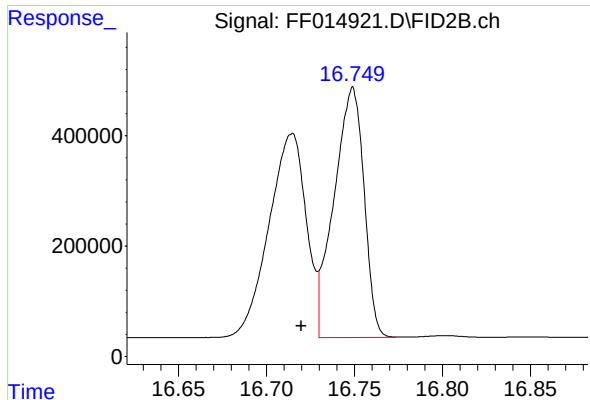
#15 Chrysene (C27.41)

R.T.: 15.202 min
Delta R.T.: 0.026 min
Response: 6124515
Conc: 39.63 ug/ml m



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

R.T.: 16.714 min
Delta R.T.: 0.027 min
Response: 5459731
Conc: 35.71 ug/ml



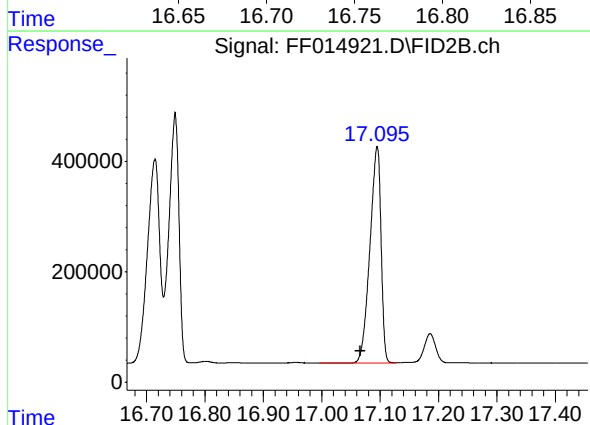
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.749 min
Delta R.T.: 0.029 min
Response: 5350229
Conc: 37.04 ug/ml

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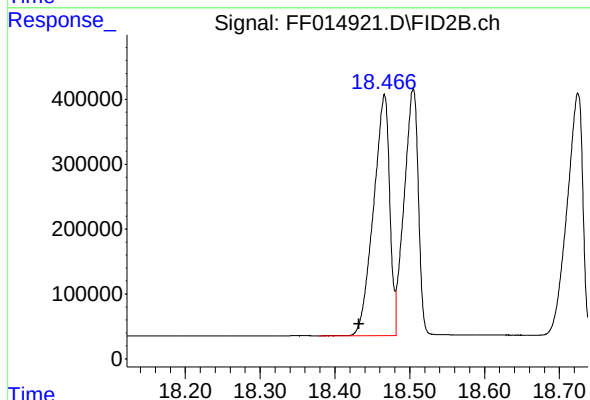
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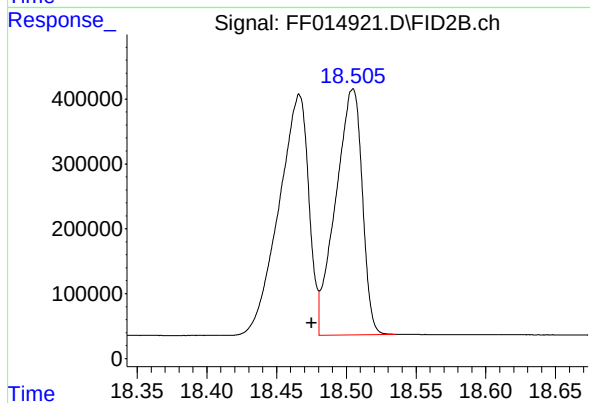
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.094 min
Delta R.T.: 0.028 min
Response: 5187671
Conc: 34.75 ug/ml



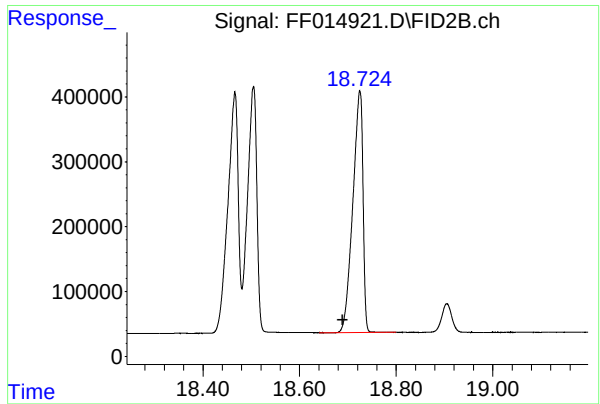
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.466 min
Delta R.T.: 0.033 min
Response: 5586016
Conc: 40.73 ug/ml



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

R.T.: 18.505 min
Delta R.T.: 0.030 min
Response: 5015005
Conc: 34.52 ug/ml m



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

R.T.: 18.724 min
Delta R.T.: 0.035 min
Response: 5409689
Conc: 37.87 ug/ml

Instrument :

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