

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102824AR\
 Data File : FF014814.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2024 16:59
 Operator : YP\AJ
 Sample : PB164396BSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

PB164396BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :Ankita Jodhani 10/29/2024

Integration File: autoint1.e

Quant Time: Oct 29 01:34:54 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...	7.994	6363119	45.632 ug/ml
Spiked Amount 50.000		Recovery =	91.26%
6) S 2-Fluorobiphenyl (SURR)	8.869	4269130	45.267 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.53%
11) S ortho-Terphenyl (SURR)	11.930	5908195	36.931 ug/ml
Spiked Amount 50.000		Recovery =	73.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.609	5125161	33.693 ug/ml
2) T Naphthalene (C11.7)	6.275	5878232	36.725 ug/ml
3) T 2-Methylnaphthalene (...)	7.369	5826273	36.014 ug/ml
5) T Acenaphthylene (C15.06)	8.670	6315977	39.870 ug/ml
7) T Acenaphthene (C15.5)	8.970	6679559	42.098 ug/ml
8) T Flouorene (C16.55)	9.759	6974695	44.206 ug/ml
9) T Phenanthrene (C19.36)	11.164	7169988	45.546 ug/ml
10) T Anthracene (C19.43)	11.240	7229726	48.062 ug/ml
12) T Fluoranthene (C21.85)	12.983	7103213	45.073 ug/ml
13) T Pyrene (C20.8)	13.283	7435772	47.689 ug/ml
14) T Benzo[a]anthracene (C...	15.161	6700210	44.092 ug/ml
15) T Chrysene (C27.41)	15.207	7661893	49.578 ug/mlm
16) T benzo[b]fluoranthene ...	16.717	6538221	42.766 ug/ml
17) T Bnezo[k]fluoranthene ...	16.753	6502771	45.013 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.099	6211793	41.616 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.471	6831531	49.810 ug/ml
20) T Dibenz[a,h]anthracene...	18.511	6174462	42.502 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.730	6140983	42.985 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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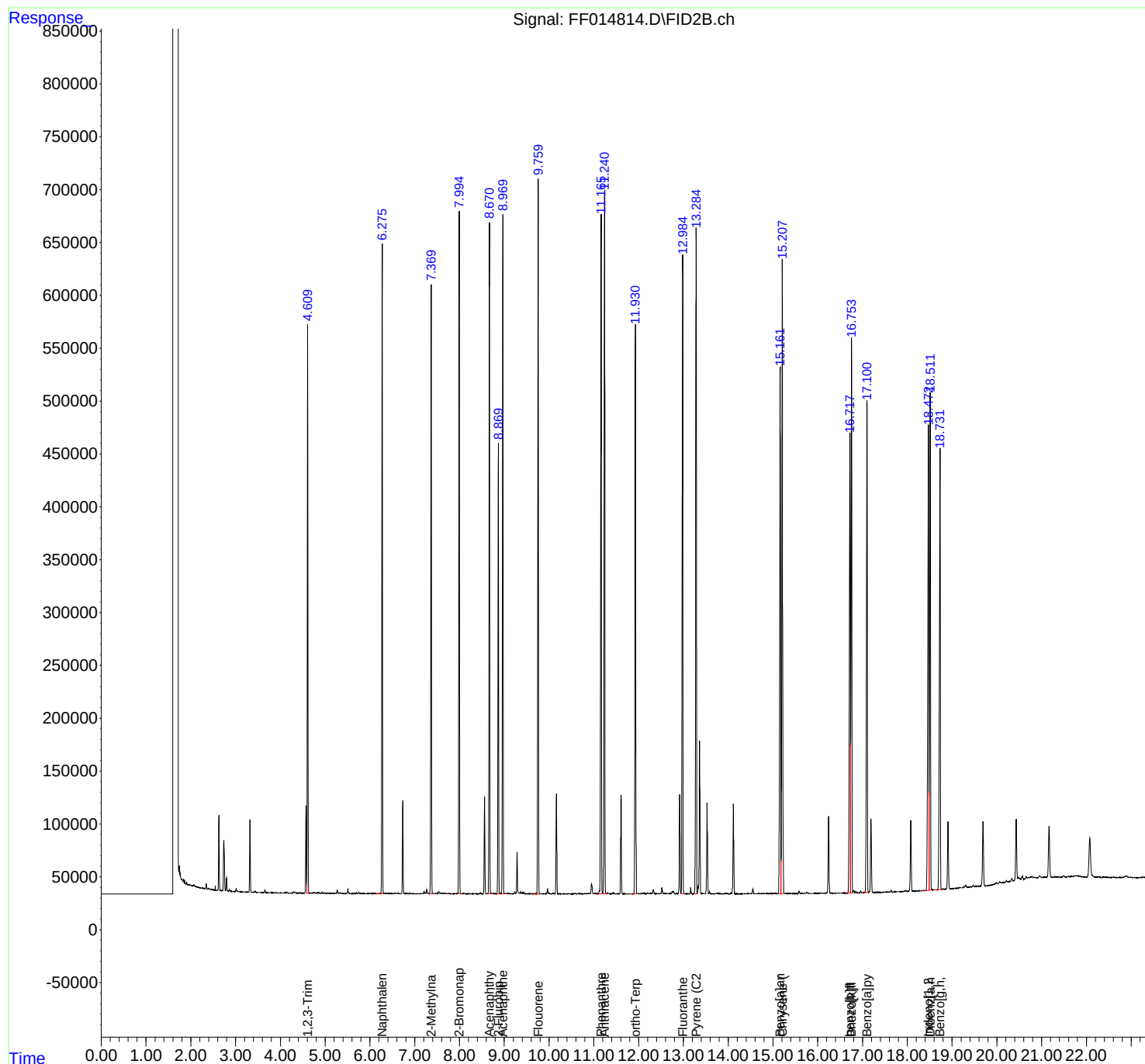
APPROVED

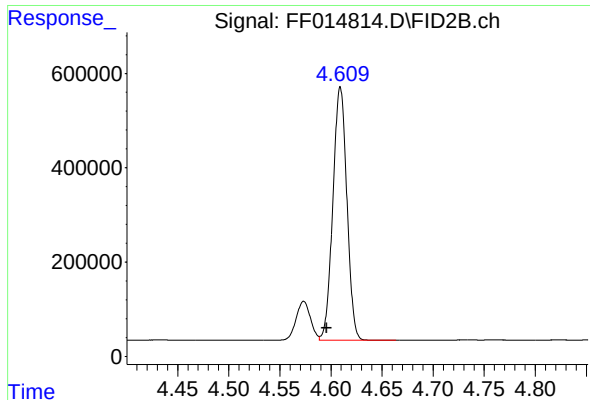
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
Quant Title : GC Extractables
QLast Update : Tue Oct 22 04:14:53 2024
Response via : Initial Calibration
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.: 4.609 min
Delta R.T.: 0.013 min
Response: 5125161
Conc: 33.69 ug/ml

Instrument :

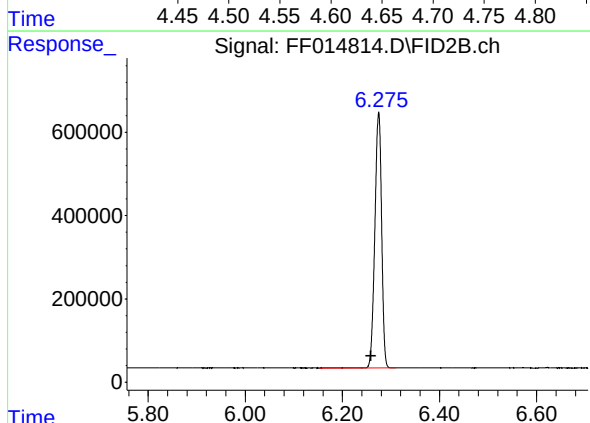
FID_F

ClientSampleId :

PB164396BSD

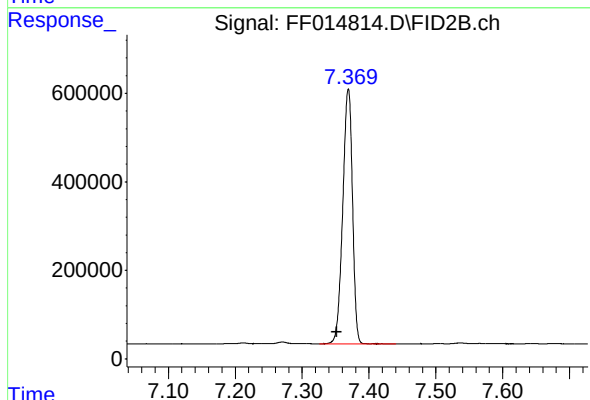
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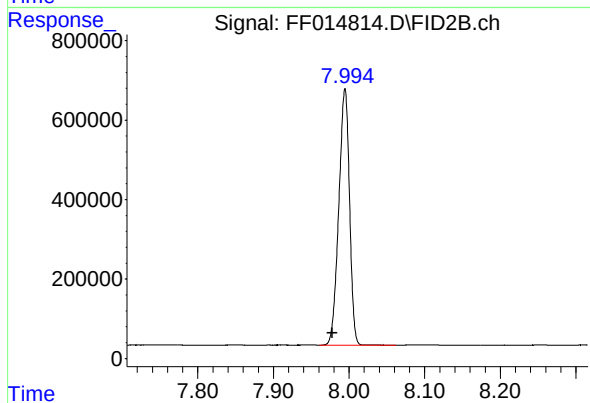
#2 Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: 0.016 min
Response: 5878232
Conc: 36.73 ug/ml



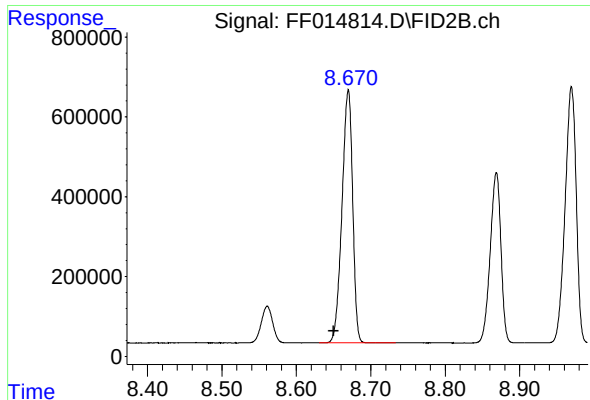
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.369 min
Delta R.T.: 0.017 min
Response: 5826273
Conc: 36.01 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.994 min
Delta R.T.: 0.017 min
Response: 6363119
Conc: 45.63 ug/ml



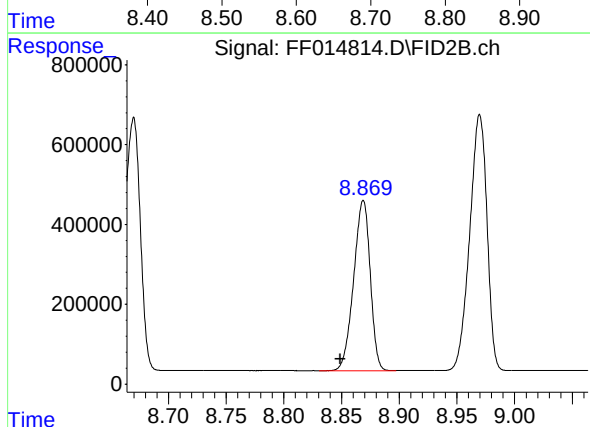
#5 Acenaphthylene (C15.06)

R.T.: 8.670 min
Delta R.T.: 0.019 min
Response: 6315977
Conc: 39.87 ug/ml

Instrument :
FID_F
ClientSampleId :
PB164396BSD

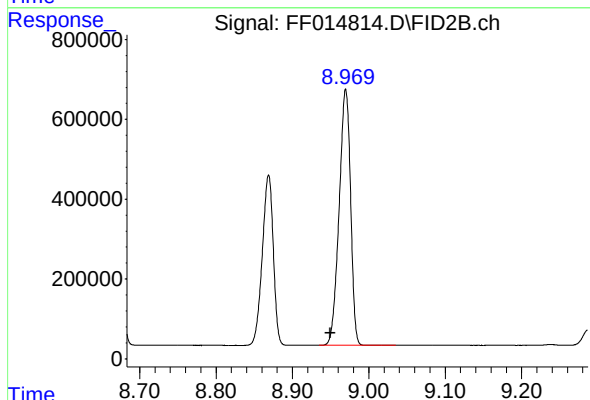
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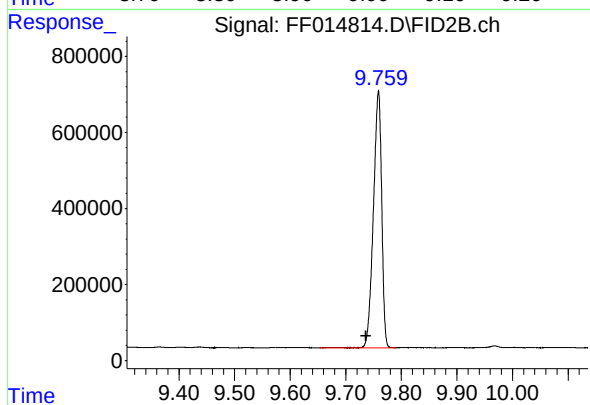
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.869 min
Delta R.T.: 0.020 min
Response: 4269130
Conc: 45.27 ug/ml



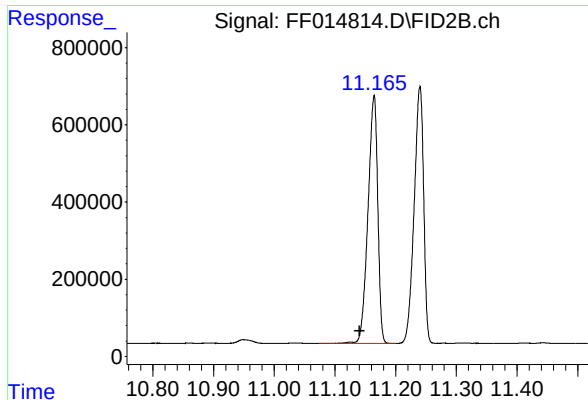
#7 Acenaphthene (C15.5)

R.T.: 8.970 min
Delta R.T.: 0.020 min
Response: 6679559
Conc: 42.10 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.759 min
Delta R.T.: 0.022 min
Response: 6974695
Conc: 44.21 ug/ml



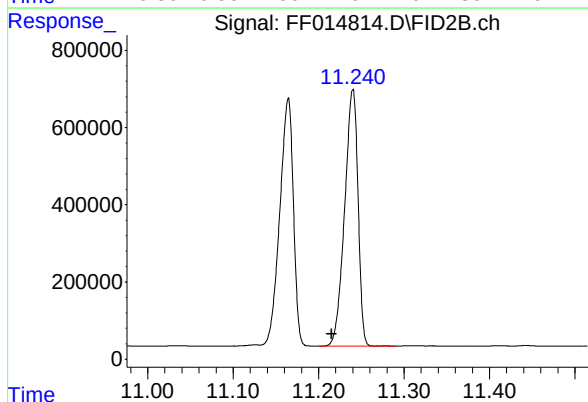
#9 Phenanthrene (C19.36)

R.T.: 11.164 min
Delta R.T.: 0.023 min
Response: 7169988
Conc: 45.55 ug/ml

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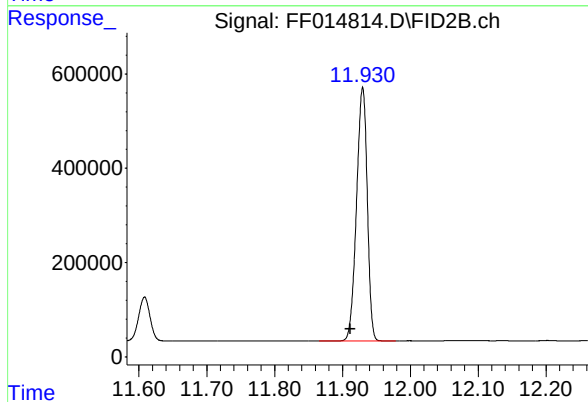
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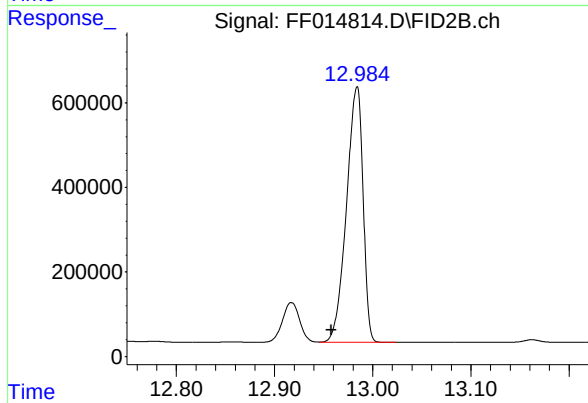
#10 Anthracene (C19.43)

R.T.: 11.240 min
Delta R.T.: 0.025 min
Response: 7229726
Conc: 48.06 ug/ml



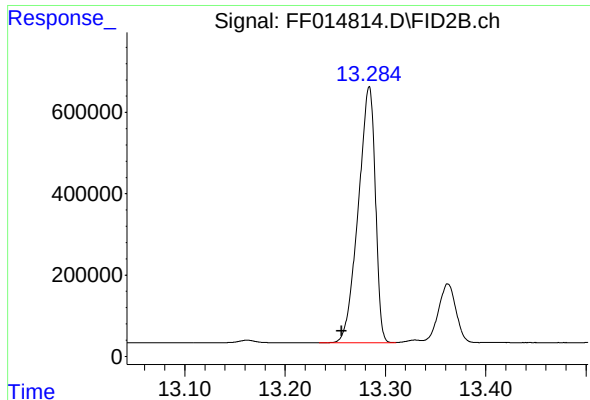
#11 ortho-Terphenyl (SURR)

R.T.: 11.930 min
Delta R.T.: 0.018 min
Response: 5908195
Conc: 36.93 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.983 min
Delta R.T.: 0.026 min
Response: 7103213
Conc: 45.07 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.283 min
Delta R.T.: 0.027 min
Response: 7435772
Conc: 47.69 ug/ml

Instrument :

FID_F

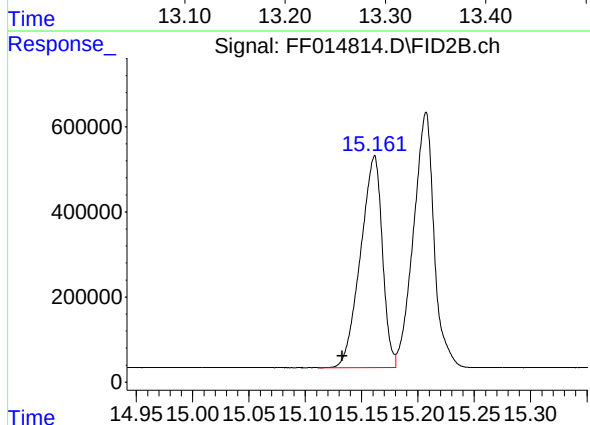
ClientSampleId :

PB164396BSD

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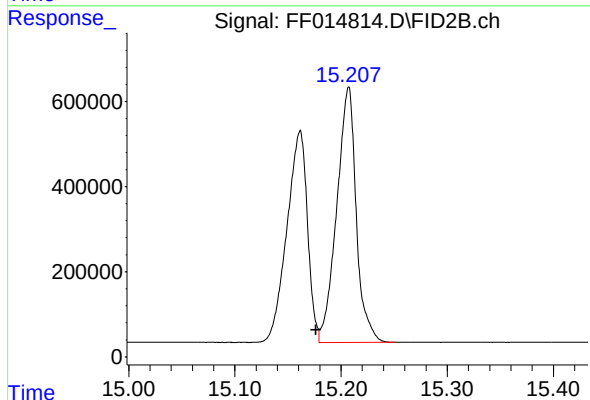
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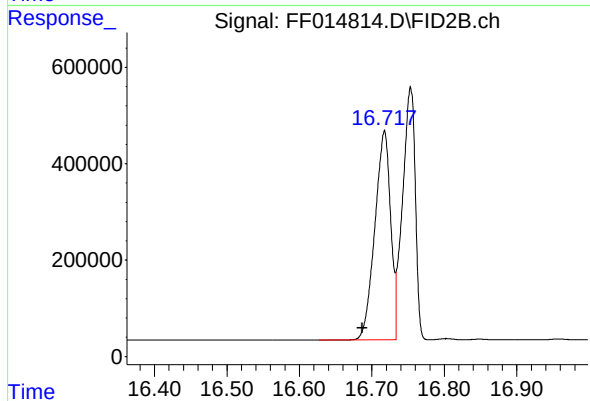
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.161 min
Delta R.T.: 0.028 min
Response: 6700210
Conc: 44.09 ug/ml



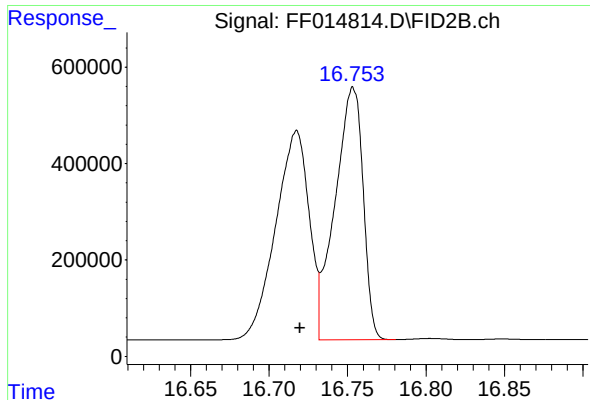
#15 Chrysene (C27.41)

R.T.: 15.207 min
Delta R.T.: 0.031 min
Response: 7661893
Conc: 49.58 ug/ml m



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

R.T.: 16.717 min
Delta R.T.: 0.030 min
Response: 6538221
Conc: 42.77 ug/ml



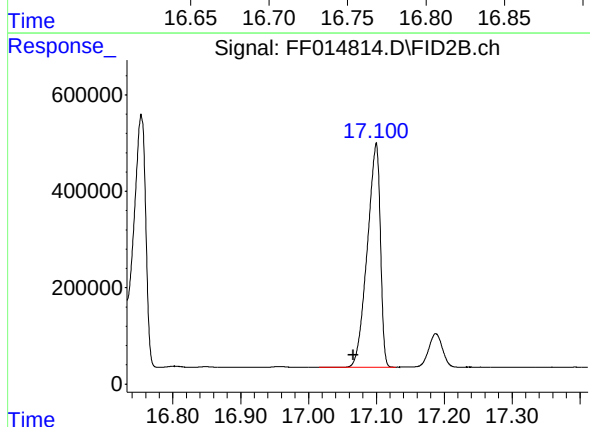
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.753 min
Delta R.T.: 0.033 min
Response: 6502771
Conc: 45.01 ug/ml

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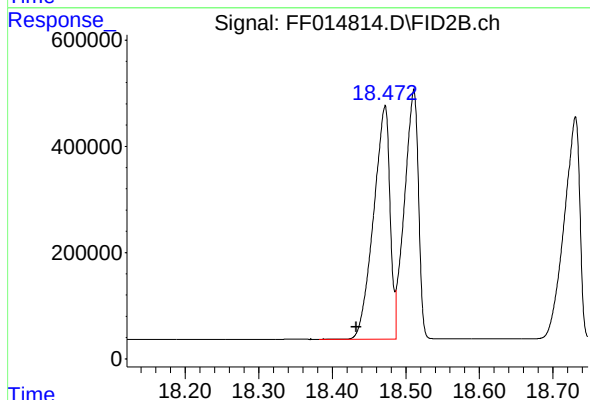
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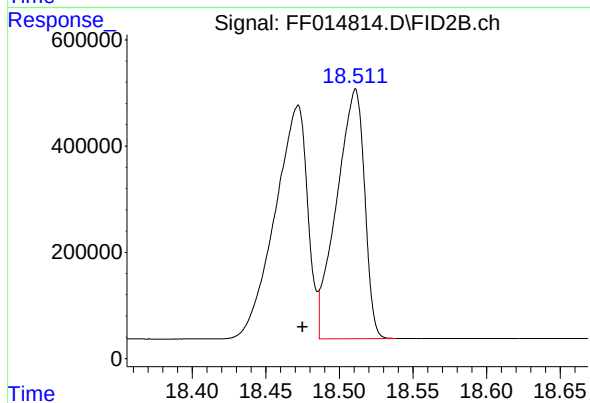
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.099 min
Delta R.T.: 0.033 min
Response: 6211793
Conc: 41.62 ug/ml



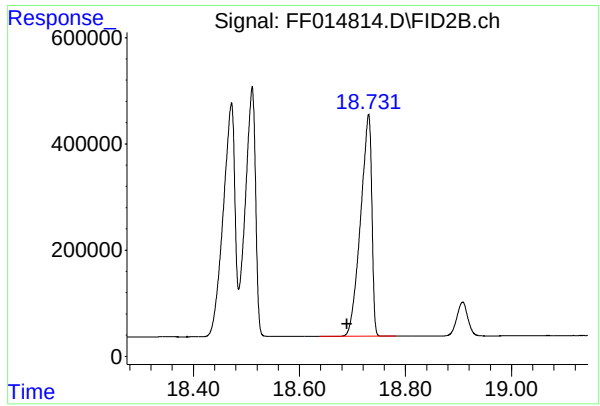
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.471 min
Delta R.T.: 0.039 min
Response: 6831531
Conc: 49.81 ug/ml



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

R.T.: 18.511 min
Delta R.T.: 0.036 min
Response: 6174462
Conc: 42.50 ug/ml m



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

R.T.: 18.730 min
Delta R.T.: 0.040 min
Response: 6140983
Conc: 42.98 ug/ml

Instrument :

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