

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102524AR\
 Data File : FD048588.D
 Signal(s) : FID2B.ch
 Acq On : 25 Oct 2024 15:42
 Operator : YP/AJ
 Sample : PP23916
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PP23916

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :Ankita Jodhani 10/28/2024

Integration File: autoint1.e

Quant Time: Oct 26 01:02:00 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M

Quant Title : GC Extractables

QLast Update : Wed Oct 23 18:14:59 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
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System Monitoring Compounds

Target Compounds

1) T	1,2,3-Trimethylbenzen...	4.209	16097469	92.529 ug/mlm
2) T	Naphthalene (C11.7)	5.718	16742246	93.829 ug/ml
3) T	2-Methylnaphthalene (...)	6.764	15390079	86.043 ug/ml
5) T	Acenaphthylene (C15.06)	8.030	16794704	95.646 ug/ml
7) T	Acenaphthene (C15.5)	8.327	17359025	97.873 ug/ml
8) T	Flouorene (C16.55)	9.105	16815627	99.479 ug/ml
9) T	Phenanthrene (C19.36)	10.493	16295839	98.580 ug/ml
10) T	Anthracene (C19.43)	10.570	16410395	102.623 ug/ml
12) T	Fluoranthene (C21.85)	12.300	13804035	83.876 ug/ml
13) T	Pyrene (C20.8)	12.595	15875083	98.556 ug/ml
14) T	Benzo[a]anthracene (C...	14.464	15165134	103.718 ug/ml
15) T	Chrysene (C27.41)	14.511	15106869	91.839 ug/ml
16) T	benzo[b]fluoranthene ...	16.015	14832833	97.566 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.055	14730403	98.004 ug/mlm
18) T	Benzo[a]pyrene (C31.34)	16.394	14279893	94.886 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	17.761	14996041	114.932 ug/ml
20) T	Dibenz[a,h]anthracene...	17.801	13656319	83.917 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.018	14198248	92.743 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 61 Sample Multiplier: 1

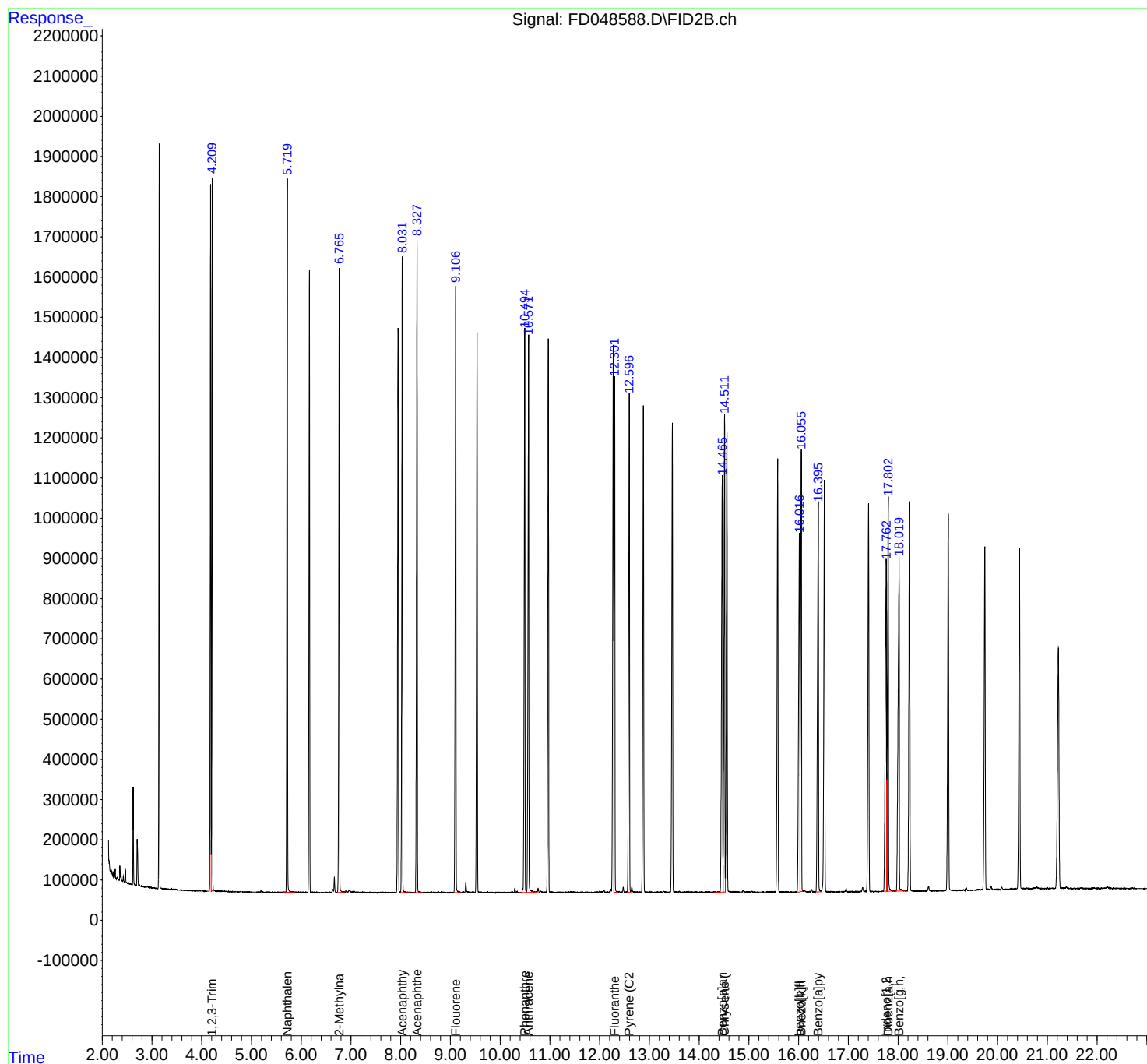
Instrument :
FID_D
ClientSampleId :
PP23916

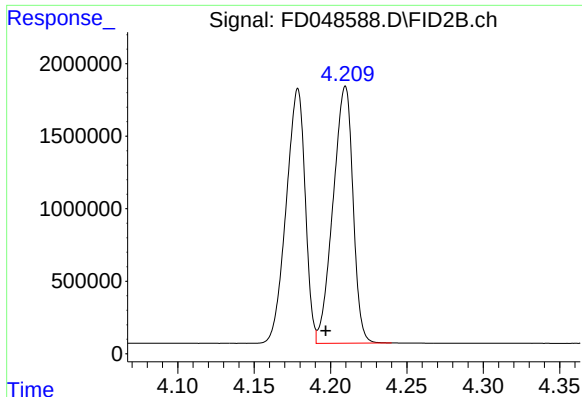
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
Quant Title : GC Extractables
QLast Update : Wed Oct 23 18:14:59 2024
Response via : Initial 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.: 4.209 min
Delta R.T.: 0.012 min
Response: 16097469
Conc: 92.53 ug/ml

Instrument :

FID_D

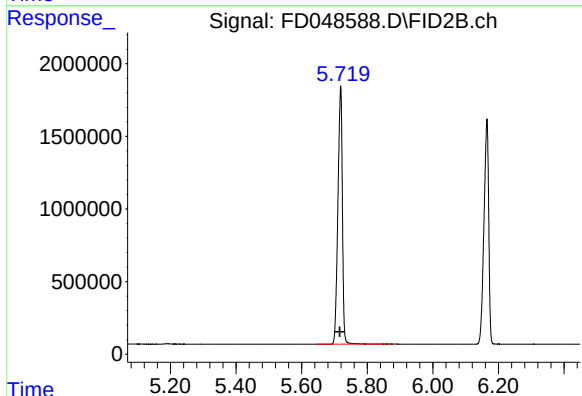
ClientSampleId :

PP23916

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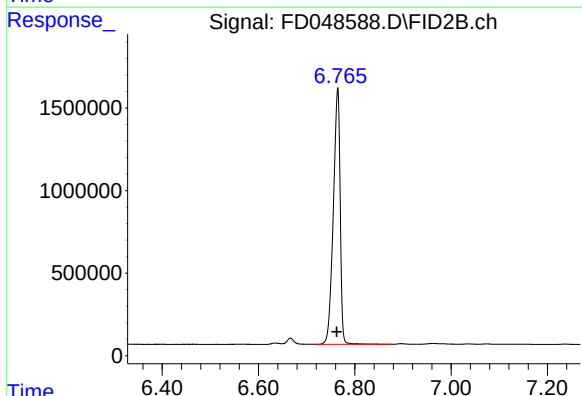
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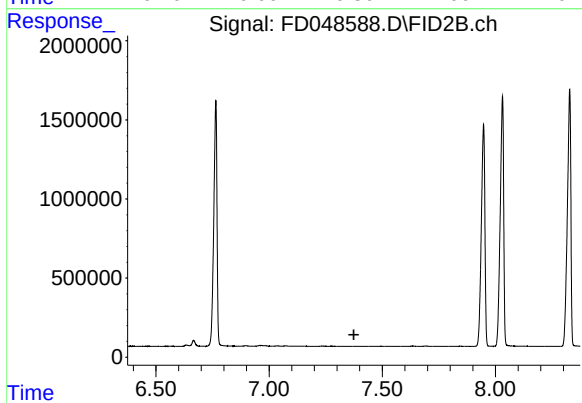
#2 Naphthalene (C11.7)

R.T.: 5.718 min
Delta R.T.: 0.003 min
Response: 16742246
Conc: 93.83 ug/ml



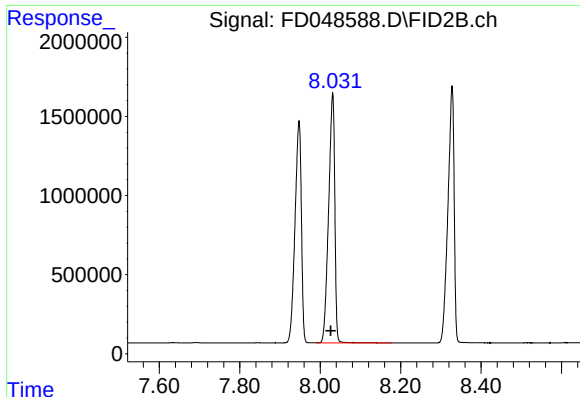
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.764 min
Delta R.T.: 0.002 min
Response: 15390079
Conc: 86.04 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 0.000 min
Exp R.T. : 7.375 min
Response: 0
Conc: N.D.



#5 Acenaphthylene (C15.06)

R.T.: 8.030 min
Delta R.T.: 0.004 min
Response: 16794704
Conc: 95.65 ug/ml

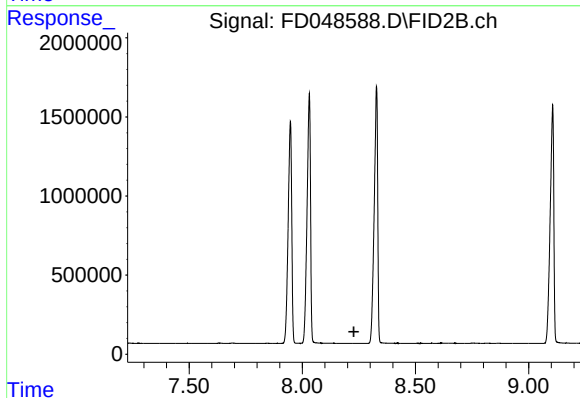
Instrument :

FID_D

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PP23916

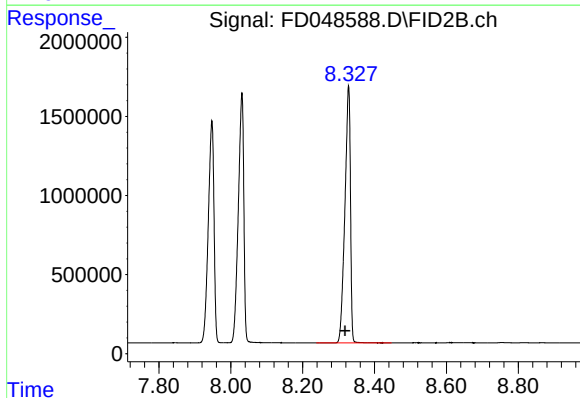
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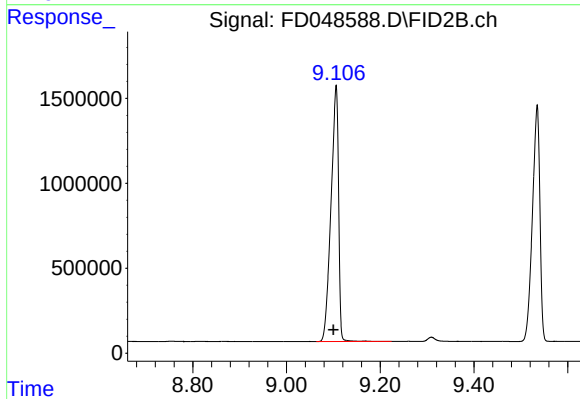
#6 2-Fluorobiphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 8.228 min
Response: 0
Conc: N.D.



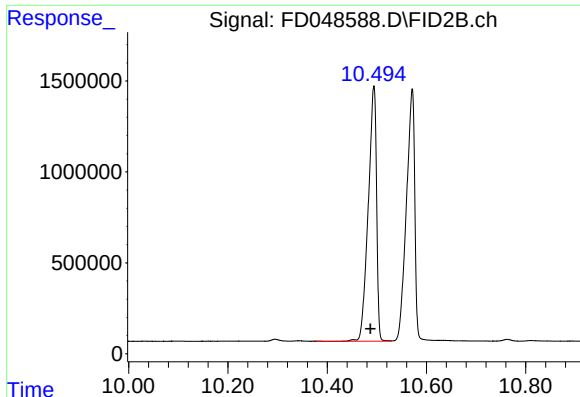
#7 Acenaphthene (C15.5)

R.T.: 8.327 min
Delta R.T.: 0.009 min
Response: 17359025
Conc: 97.87 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.105 min
Delta R.T.: 0.005 min
Response: 16815627
Conc: 99.48 ug/ml



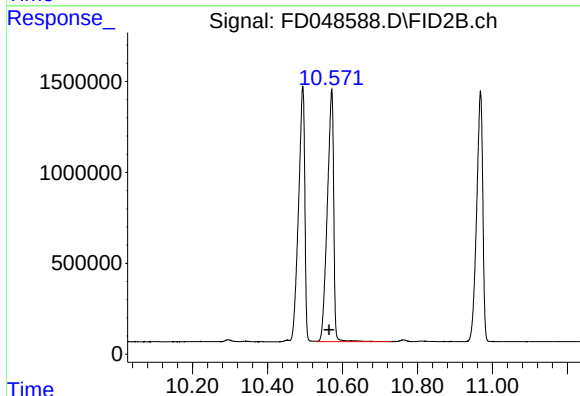
#9 Phenanthrene (C19.36)

R.T.: 10.493 min
Delta R.T.: 0.006 min
Response: 16295839
Conc: 98.58 ug/ml

Instrument :
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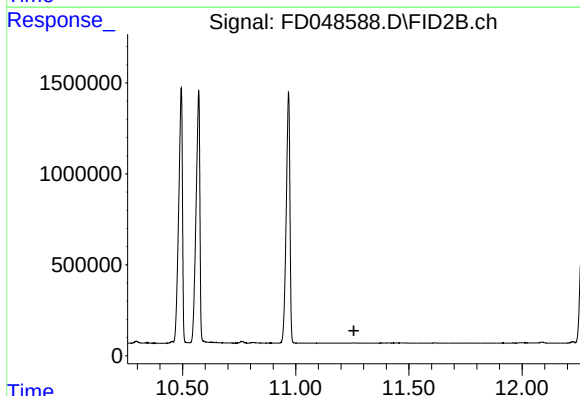
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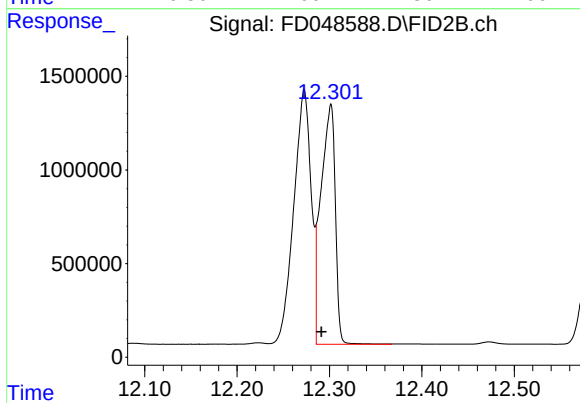
#10 Anthracene (C19.43)

R.T.: 10.570 min
Delta R.T.: 0.006 min
Response: 16410395
Conc: 102.62 ug/ml



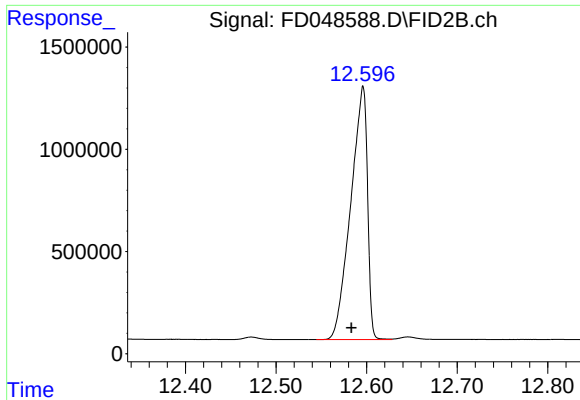
#11 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.257 min
Response: 0
Conc: N.D.



#12 Fluoranthene (C21.85)

R.T.: 12.300 min
Delta R.T.: 0.009 min
Response: 13804035
Conc: 83.88 ug/ml



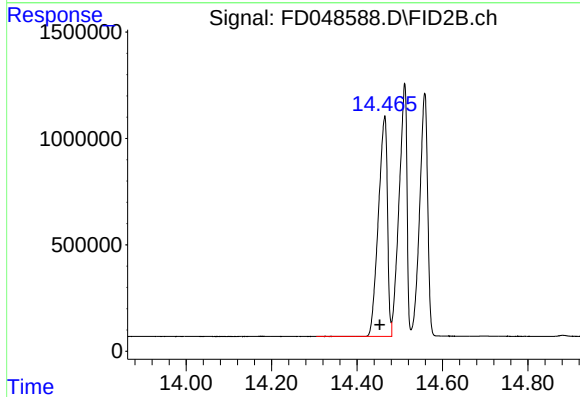
#13 Pyrene (C20.8)

R.T.: 12.595 min
Delta R.T.: 0.012 min
Response: 15875083
Conc: 98.56 ug/ml

Instrument :
FID_D
ClientSampleId :
PP23916

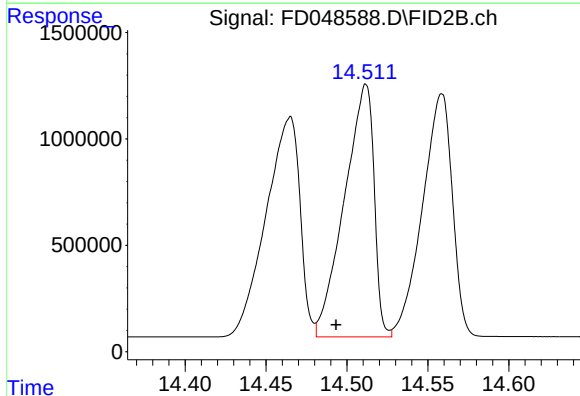
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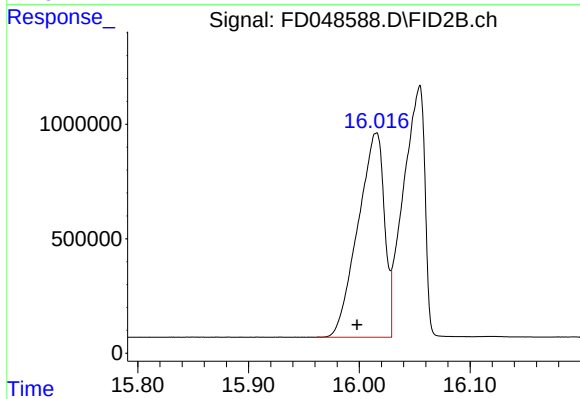
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.464 min
Delta R.T.: 0.010 min
Response: 15165134
Conc: 103.72 ug/ml



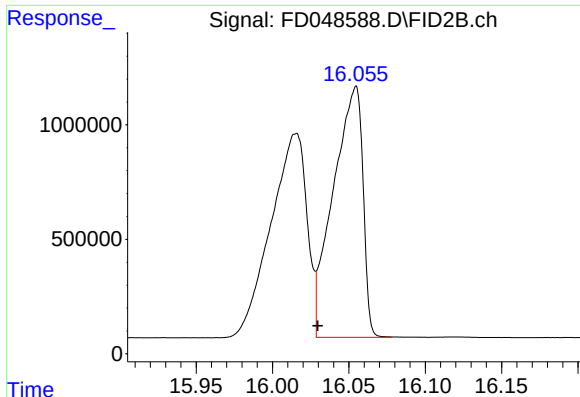
#15 Chrysene (C27.41)

R.T.: 14.511 min
Delta R.T.: 0.017 min
Response: 15106869
Conc: 91.84 ug/ml



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

R.T.: 16.015 min
Delta R.T.: 0.017 min
Response: 14832833
Conc: 97.57 ug/ml



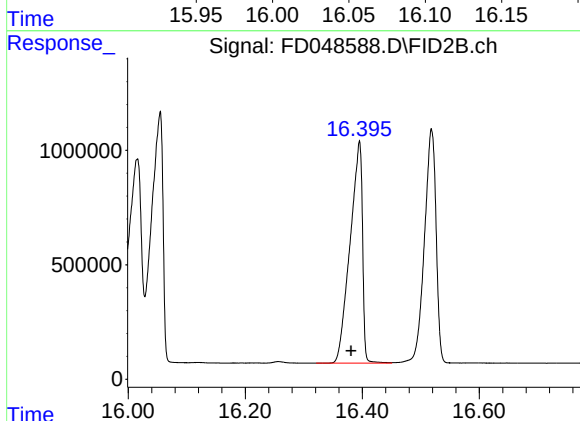
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.055 min
Delta R.T.: 0.025 min
Response: 14730403
Conc: 98.00 ug/ml

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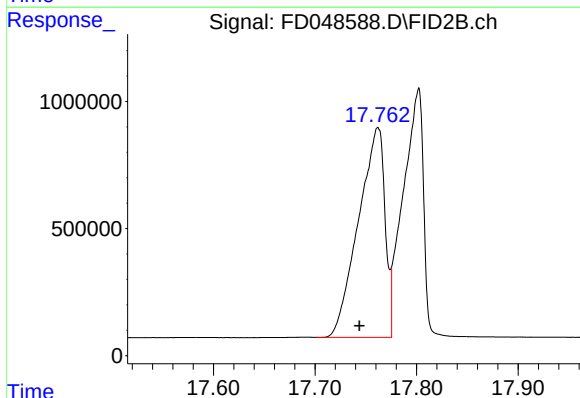
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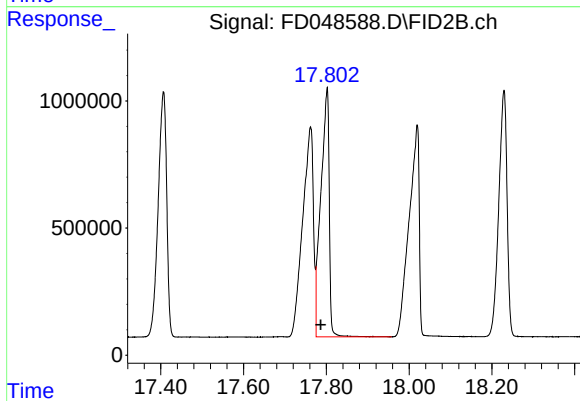
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.394 min
Delta R.T.: 0.013 min
Response: 14279893
Conc: 94.89 ug/ml



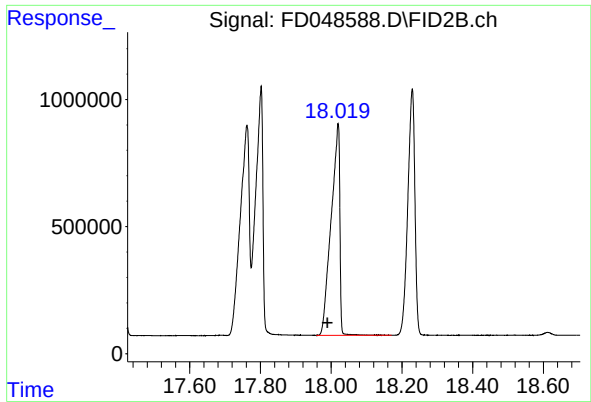
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.761 min
Delta R.T.: 0.017 min
Response: 14996041
Conc: 114.93 ug/ml



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

R.T.: 17.801 min
Delta R.T.: 0.014 min
Response: 13656319
Conc: 83.92 ug/ml



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

R.T.: 18.018 min
Delta R.T.: 0.028 min
Response: 14198248
Conc: 92.74 ug/ml

Instrument :
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ClientSampleId :
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