

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110424AR\
 Data File : FF014918.D
 Signal(s) : FID2B.ch
 Acq On : 04 Nov 2024 17:21
 Operator : YP\AJ
 Sample : P4620-27MSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

P001-CF16-01MSD

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 01:27:19 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...	7.992	6216956	44.583 ug/ml
Spiked Amount 50.000		Recovery =	89.17%
6) S 2-Fluorobiphenyl (SURR)	8.866	4036016	42.795 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.59%
11) S ortho-Terphenyl (SURR)	11.928	6657427	41.615 ug/ml
Spiked Amount 50.000		Recovery =	83.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.610	5371512	35.313 ug/ml
2) T Naphthalene (C11.7)	6.273	6007739	37.534 ug/ml
3) T 2-Methylnaphthalene (...)	7.367	5691952	35.183 ug/ml
5) T Acenaphthylene (C15.06)	8.667	6245459	39.425 ug/ml
7) T Acenaphthene (C15.5)	8.967	6486118	40.879 ug/ml
8) T Fluorene (C16.55)	9.755	6317964	40.044 ug/ml
9) T Phenanthrene (C19.36)	11.160	6114987	38.844 ug/ml
10) T Anthracene (C19.43)	11.236	6024310	40.049 ug/ml
12) T Fluoranthene (C21.85)	12.980	5913086	37.521 ug/ml
13) T Pyrene (C20.8)	13.279	5852318	37.534 ug/ml
14) T Benzo[a]anthracene (C...	15.158	5614221	36.945 ug/ml
15) T Chrysene (C27.41)	15.202	6113611	39.560 ug/mlm
16) T benzo[b]fluoranthene ...	16.715	5579669	36.496 ug/ml
17) T Bnezo[k]fluoranthene ...	16.751	5544536	38.380 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.096	5368693	35.967 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.468	5762016	42.012 ug/mlm
20) T Dibenz[a,h]anthracene...	18.505	5141978	35.395 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.727	5647297	39.529 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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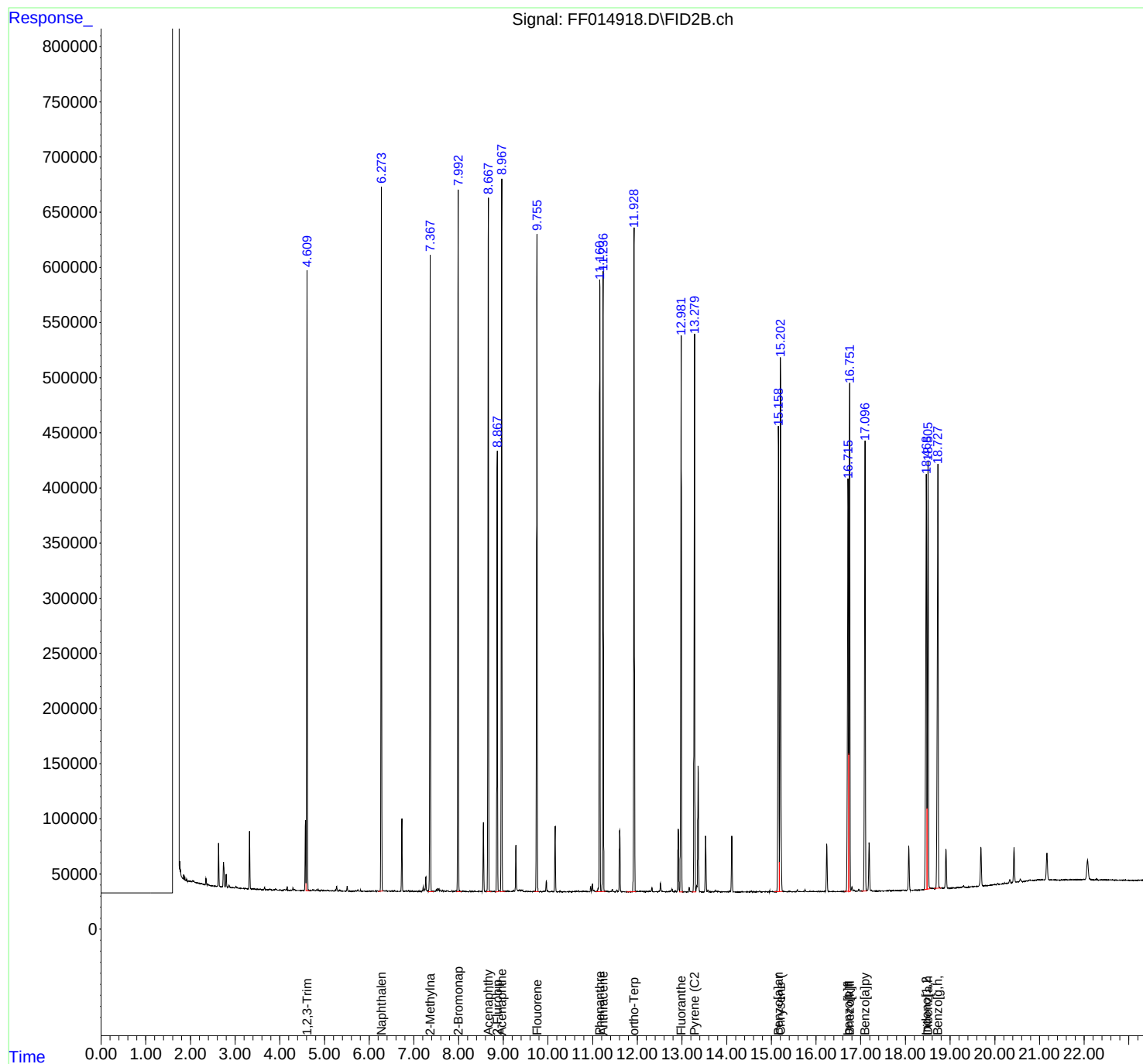
APPROVED

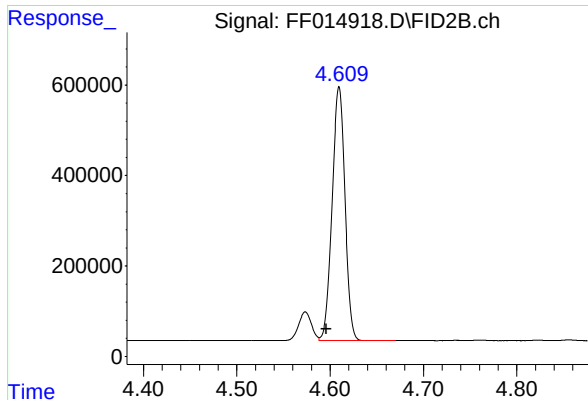
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
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QLast Update : Tue Oct 22 04:14:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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.: 4.610 min
Delta R.T.: 0.014 min
Response: 5371512
Conc: 35.31 ug/ml

Instrument :

FID_F

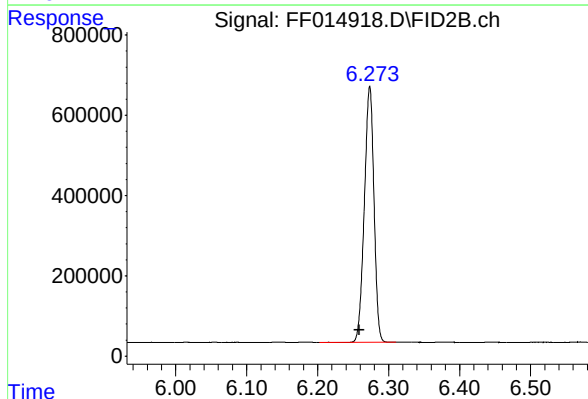
ClientSampleId :

P001-CF16-01MSD

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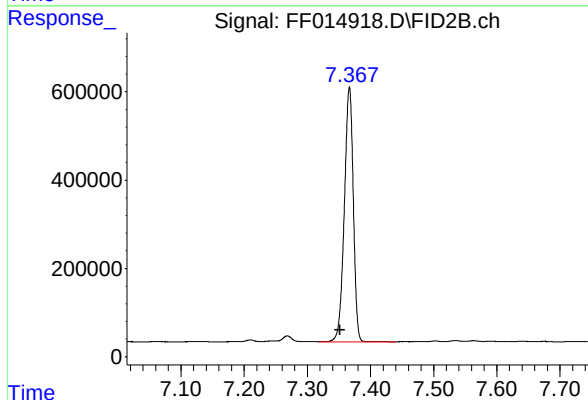
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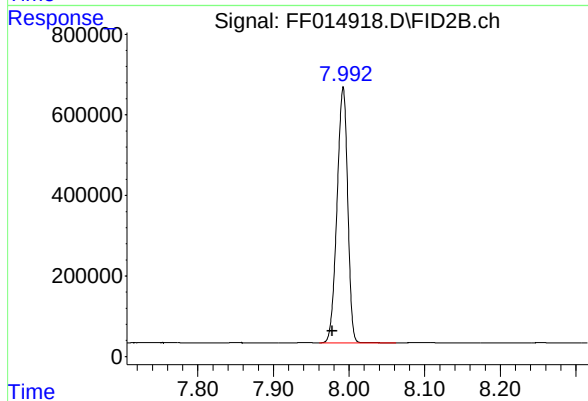
#2 Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: 0.014 min
Response: 6007739
Conc: 37.53 ug/ml



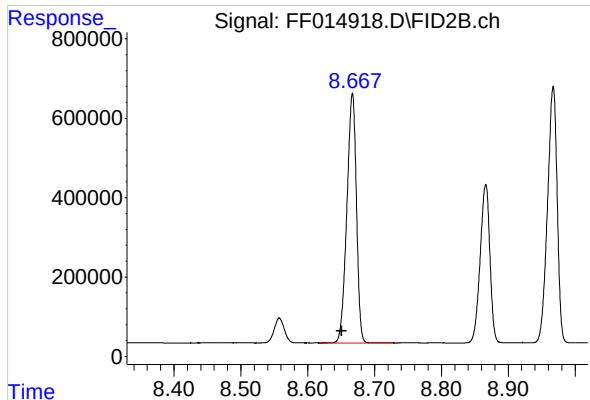
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.367 min
Delta R.T.: 0.015 min
Response: 5691952
Conc: 35.18 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.992 min
Delta R.T.: 0.014 min
Response: 6216956
Conc: 44.58 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.667 min
Delta R.T.: 0.016 min
Response: 6245459
Conc: 39.42 ug/ml

Instrument :

FID_F

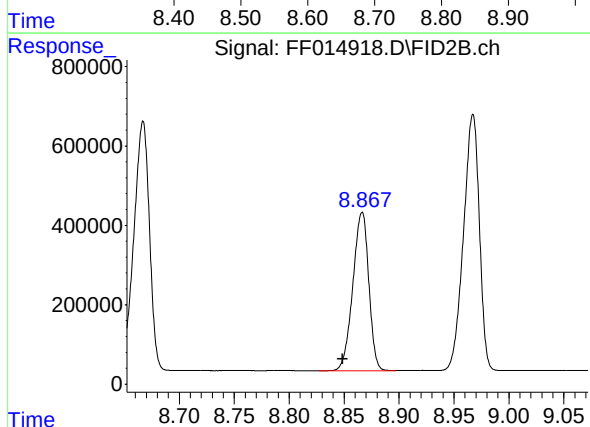
ClientSampleId :

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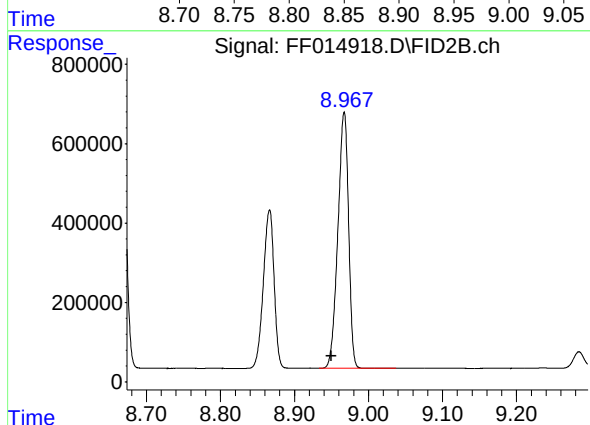
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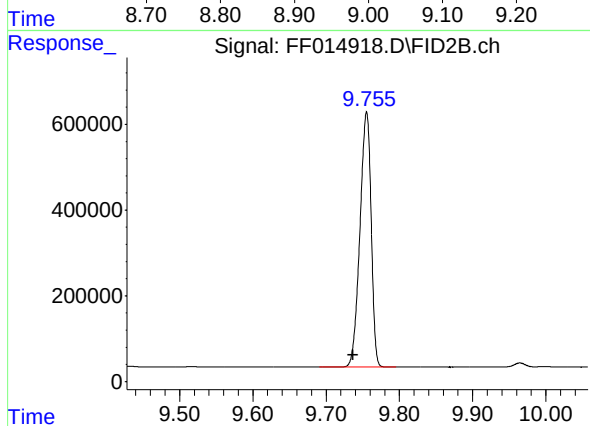
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.866 min
Delta R.T.: 0.017 min
Response: 4036016
Conc: 42.80 ug/ml



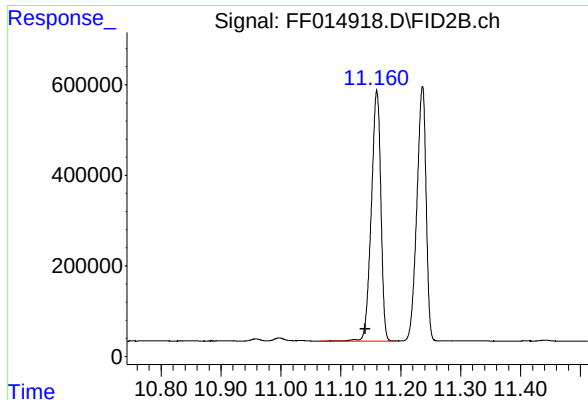
#7 Acenaphthene (C15.5)

R.T.: 8.967 min
Delta R.T.: 0.017 min
Response: 6486118
Conc: 40.88 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.755 min
Delta R.T.: 0.018 min
Response: 6317964
Conc: 40.04 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.160 min
Delta R.T.: 0.019 min
Response: 6114987
Conc: 38.84 ug/ml

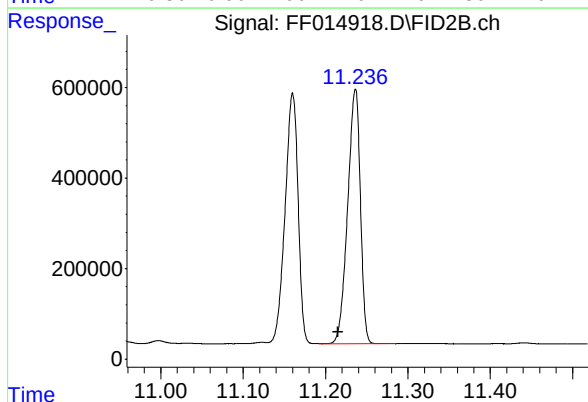
Instrument :

FID_F

ClientSampleId :
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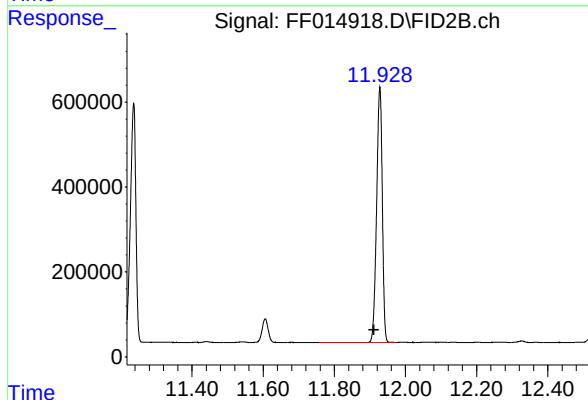
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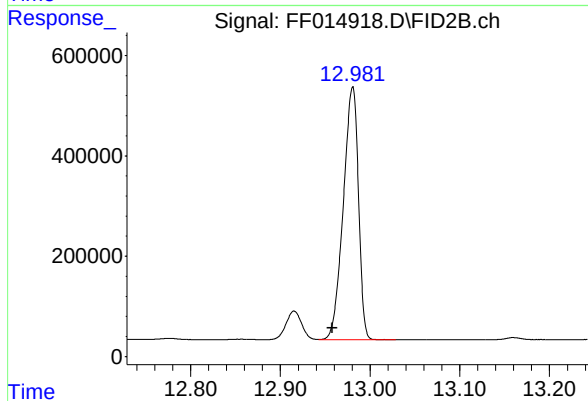
#10 Anthracene (C19.43)

R.T.: 11.236 min
Delta R.T.: 0.021 min
Response: 6024310
Conc: 40.05 ug/ml



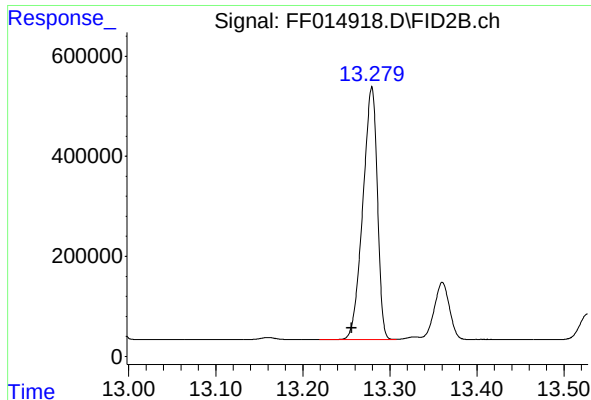
#11 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: 0.016 min
Response: 6657427
Conc: 41.61 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.980 min
Delta R.T.: 0.022 min
Response: 5913086
Conc: 37.52 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.279 min
Delta R.T.: 0.023 min
Response: 5852318
Conc: 37.53 ug/ml

Instrument :

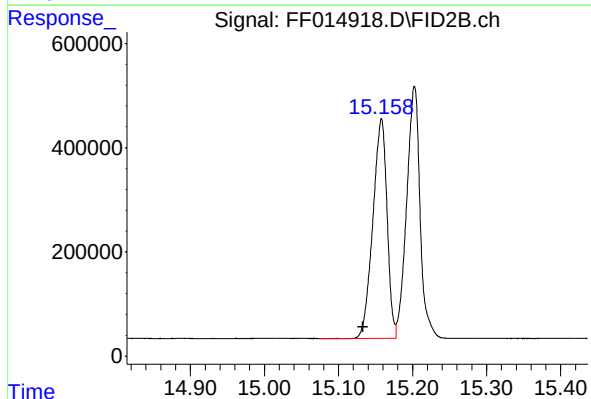
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ClientSampleId :

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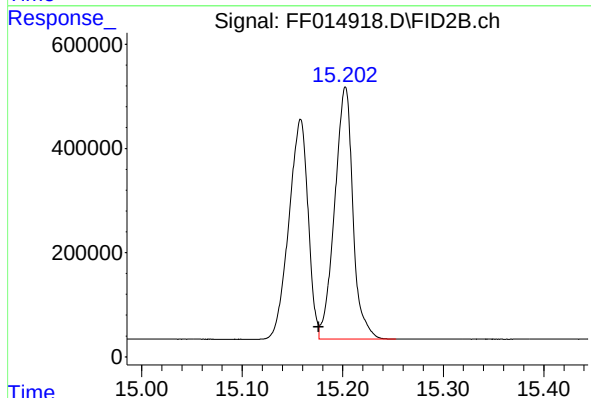
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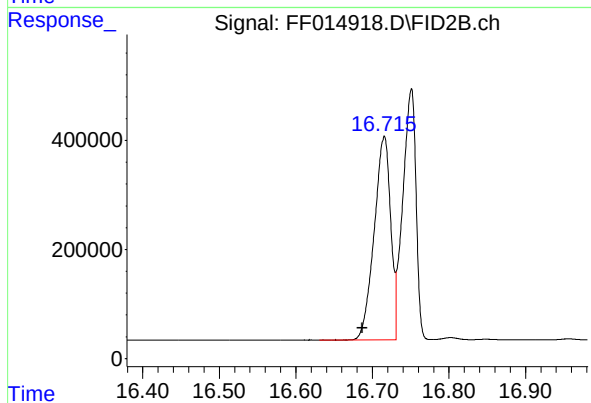
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.158 min
Delta R.T.: 0.025 min
Response: 5614221
Conc: 36.95 ug/ml



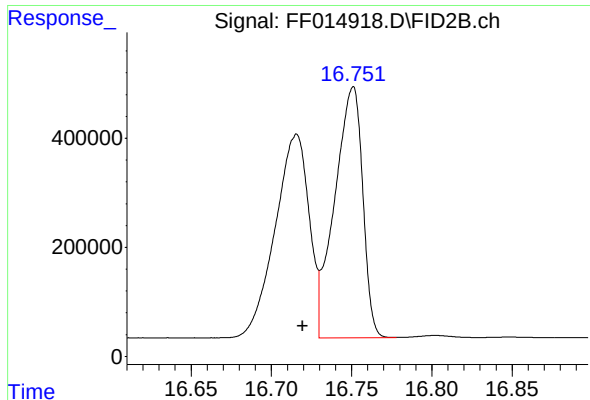
#15 Chrysene (C27.41)

R.T.: 15.202 min
Delta R.T.: 0.026 min
Response: 6113611
Conc: 39.56 ug/ml m



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

R.T.: 16.715 min
Delta R.T.: 0.029 min
Response: 5579669
Conc: 36.50 ug/ml



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

R.T.: 16.751 min
Delta R.T.: 0.031 min
Response: 5544536
Conc: 38.38 ug/ml

Instrument :

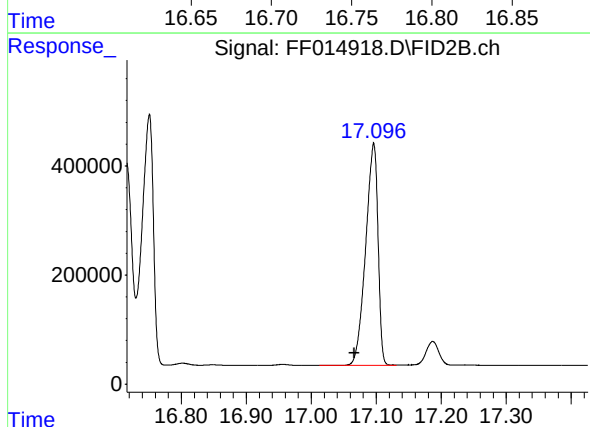
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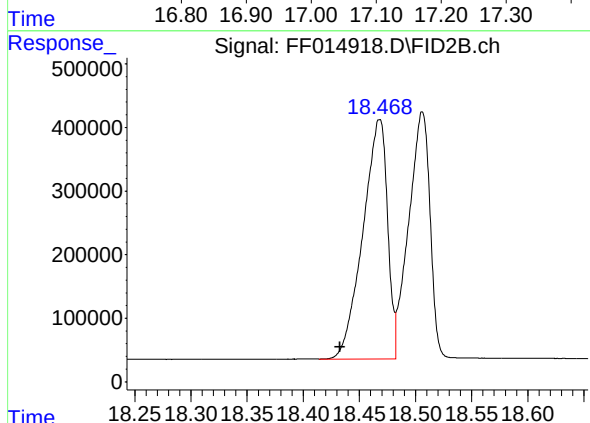
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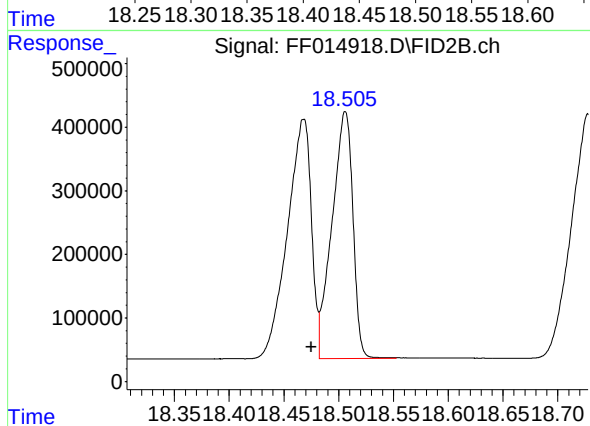
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.096 min
Delta R.T.: 0.030 min
Response: 5368693
Conc: 35.97 ug/ml



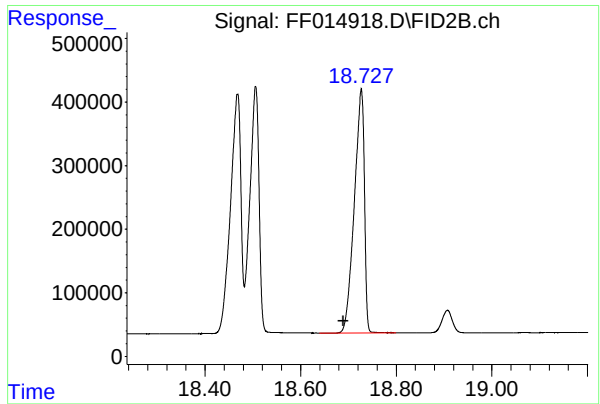
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.468 min
Delta R.T.: 0.036 min
Response: 5762016
Conc: 42.01 ug/ml m



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

R.T.: 18.505 min
Delta R.T.: 0.030 min
Response: 5141978
Conc: 35.39 ug/ml m



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

R.T.: 18.727 min
Delta R.T.: 0.037 min
Response: 5647297
Conc: 39.53 ug/ml

Instrument :

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