

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110424AR\
 Data File : FF014917.D
 Signal(s) : FID2B.ch
 Acq On : 04 Nov 2024 16:53
 Operator : YP\AJ
 Sample : P4620-26MS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

P001-CF16-01MS

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 01:27:09 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	6199787	44.460 ug/ml
Spiked Amount 50.000		Recovery =	88.92%
6) S 2-Fluorobiphenyl (SURR)	8.866	4028794	42.719 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.44%
11) S ortho-Terphenyl (SURR)	11.928	6646210	41.545 ug/ml
Spiked Amount 50.000		Recovery =	83.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.610	5365712	35.275 ug/ml
2) T Naphthalene (C11.7)	6.274	6011144	37.556 ug/ml
3) T 2-Methylnaphthalene (...)	7.367	5678480	35.100 ug/ml
5) T Acenaphthylene (C15.06)	8.667	6228835	39.320 ug/ml
7) T Acenaphthene (C15.5)	8.967	6476258	40.817 ug/ml
8) T Flouorene (C16.55)	9.755	6296699	39.909 ug/ml
9) T Phenanthrene (C19.36)	11.160	6095596	38.721 ug/ml
10) T Anthracene (C19.43)	11.236	6000126	39.888 ug/ml
12) T Fluoranthene (C21.85)	12.980	5907329	37.485 ug/ml
13) T Pyrene (C20.8)	13.279	5848240	37.508 ug/ml
14) T Benzo[a]anthracene (C...	15.157	5578219	36.708 ug/ml
15) T Chrysene (C27.41)	15.202	6067856	39.263 ug/mlm
16) T benzo[b]fluoranthene ...	16.715	5543156	36.257 ug/ml
17) T Bnezo[k]fluoranthene ...	16.751	5612263	38.849 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.096	5331243	35.716 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.468	5553416	40.491 ug/mlm
20) T Dibenz[a,h]anthracene...	18.506	5015670	34.525 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.726	5600527	39.202 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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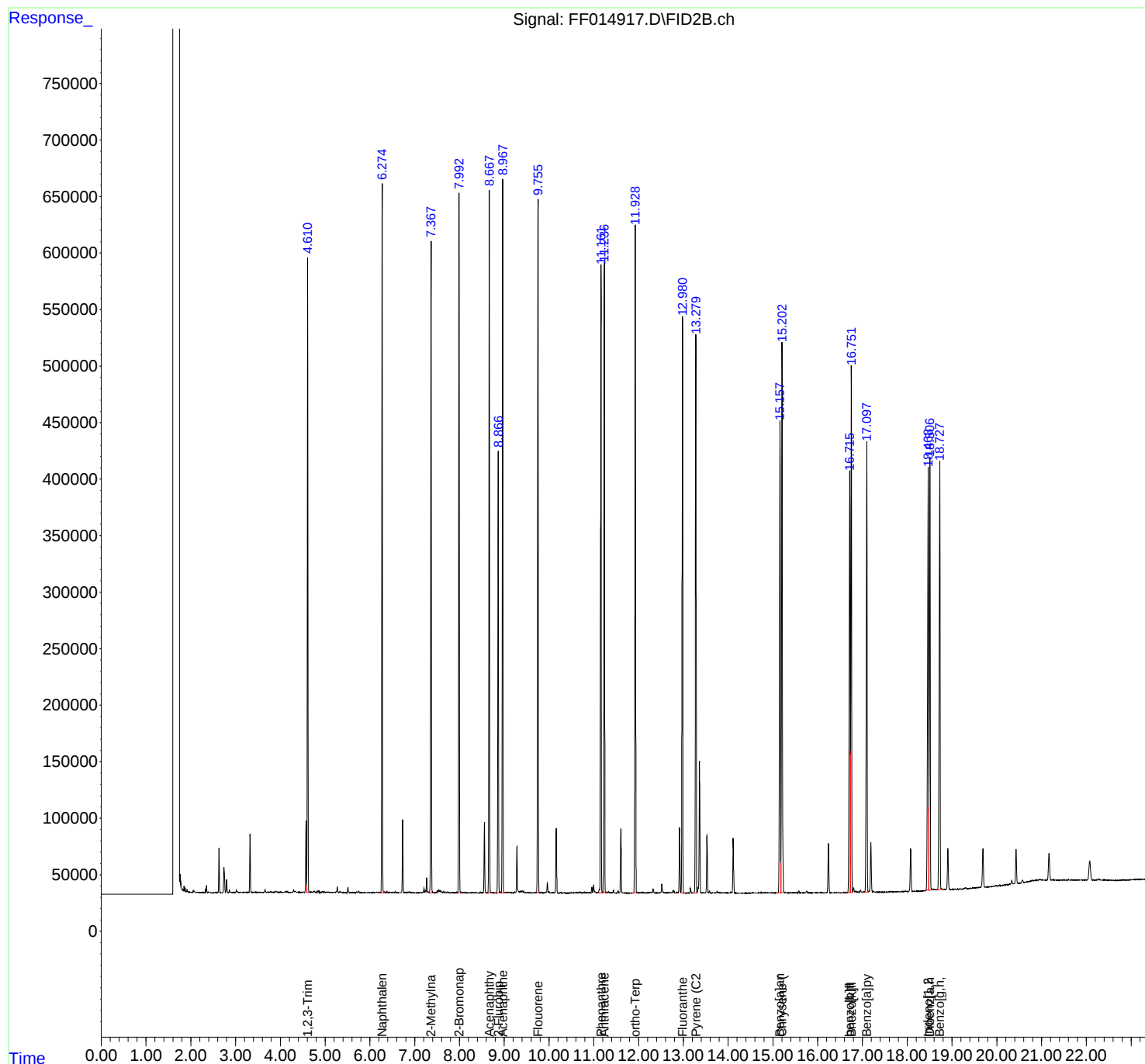
Response via : Initial Calibration

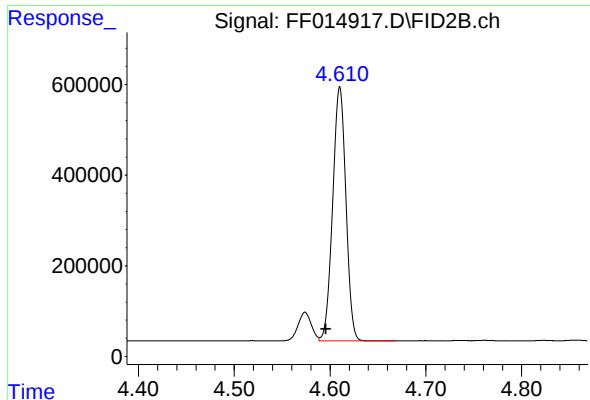
Integrator: ChemStation

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: 5365712
Conc: 35.27 ug/ml

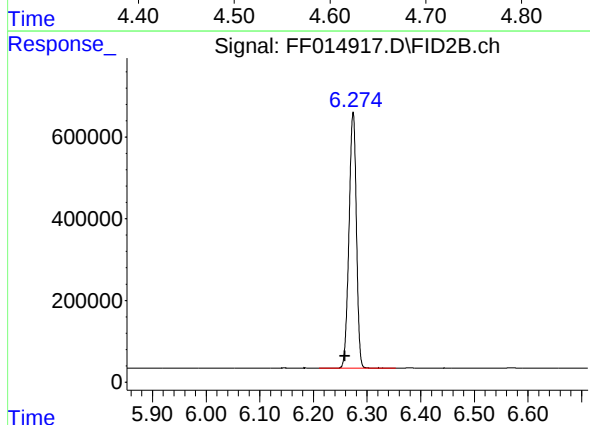
Instrument :

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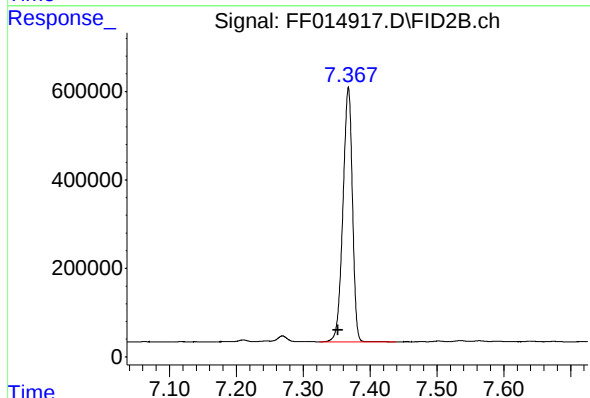
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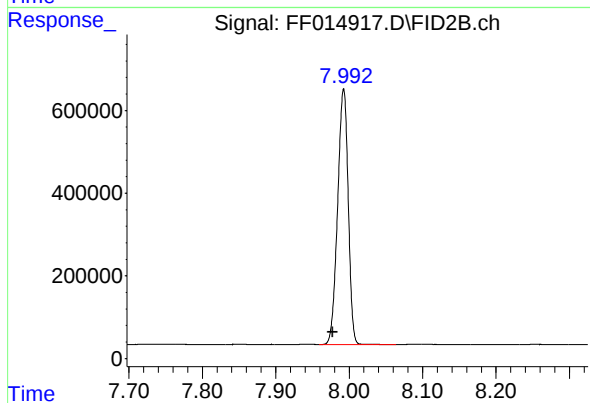
#2 Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: 0.015 min
Response: 6011144
Conc: 37.56 ug/ml



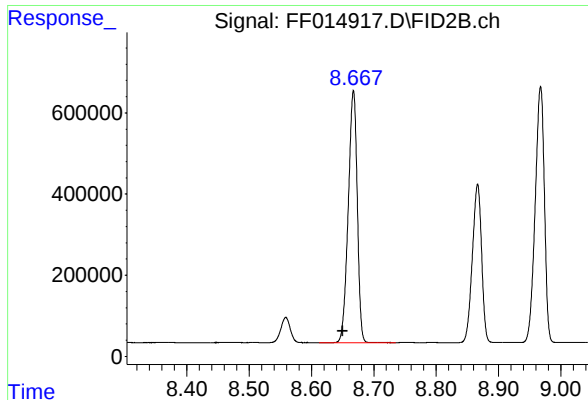
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.367 min
Delta R.T.: 0.016 min
Response: 5678480
Conc: 35.10 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.992 min
Delta R.T.: 0.015 min
Response: 6199787
Conc: 44.46 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.667 min
Delta R.T.: 0.017 min
Response: 6228835
Conc: 39.32 ug/ml

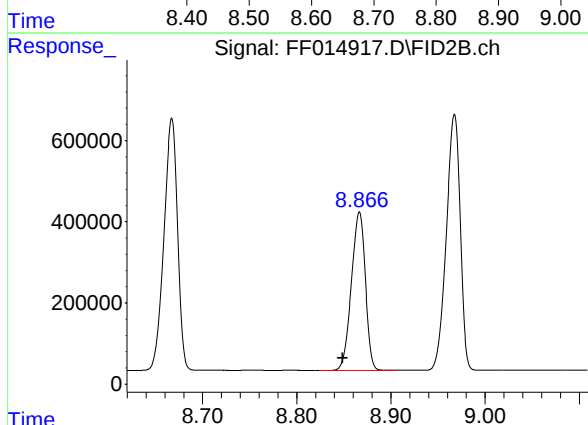
Instrument :

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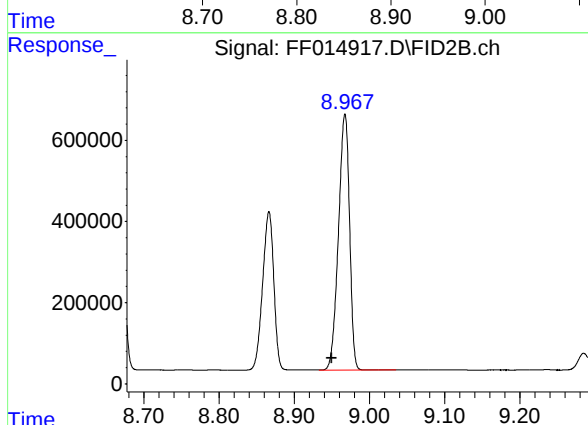
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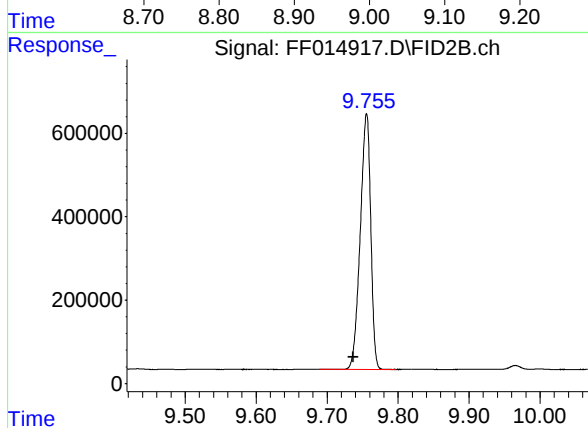
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.866 min
Delta R.T.: 0.018 min
Response: 4028794
Conc: 42.72 ug/ml



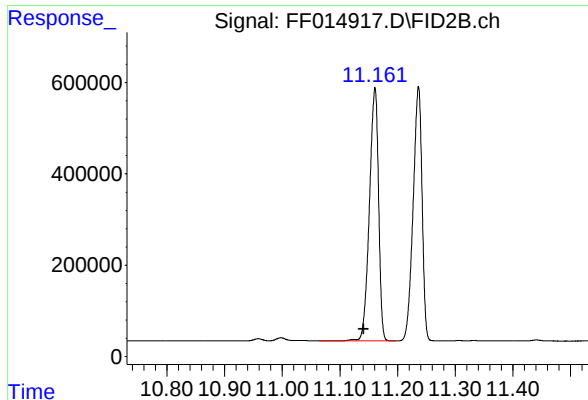
#7 Acenaphthene (C15.5)

R.T.: 8.967 min
Delta R.T.: 0.018 min
Response: 6476258
Conc: 40.82 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.755 min
Delta R.T.: 0.018 min
Response: 6296699
Conc: 39.91 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.160 min
Delta R.T.: 0.019 min
Response: 6095596
Conc: 38.72 ug/ml

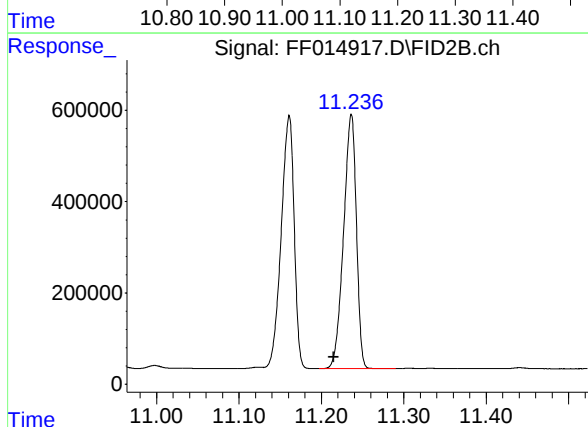
Instrument :

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ClientSampleId :
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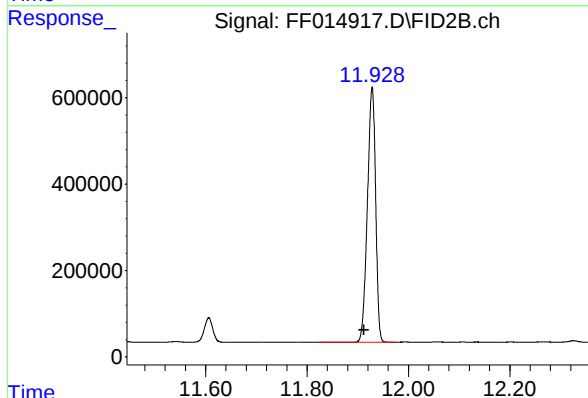
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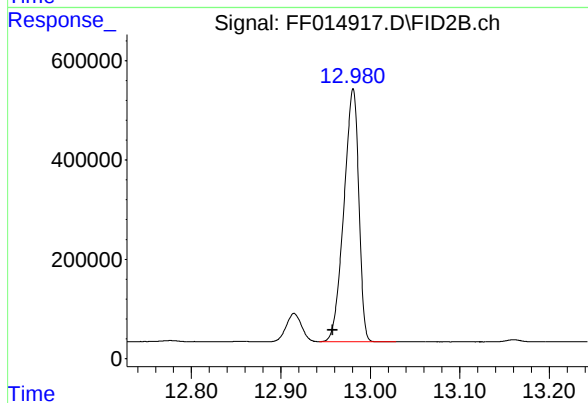
#10 Anthracene (C19.43)

R.T.: 11.236 min
Delta R.T.: 0.021 min
Response: 6000126
Conc: 39.89 ug/ml



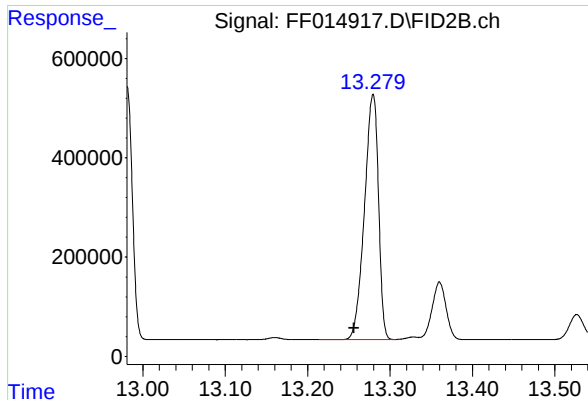
#11 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: 0.016 min
Response: 6646210
Conc: 41.54 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.980 min
Delta R.T.: 0.023 min
Response: 5907329
Conc: 37.48 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.279 min
Delta R.T.: 0.023 min
Response: 5848240
Conc: 37.51 ug/ml

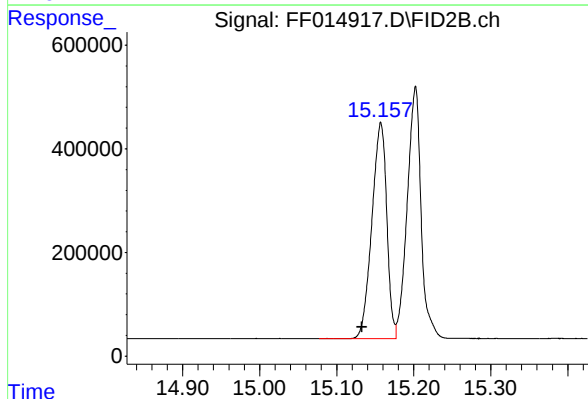
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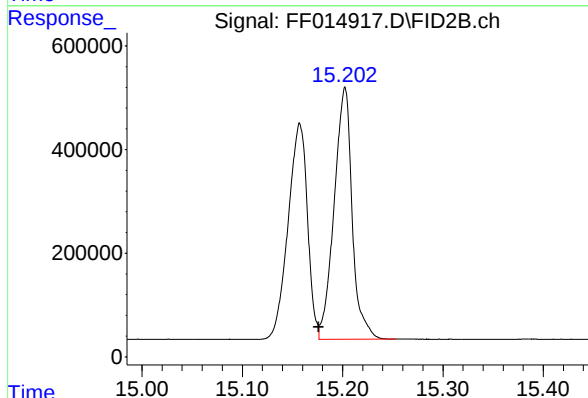
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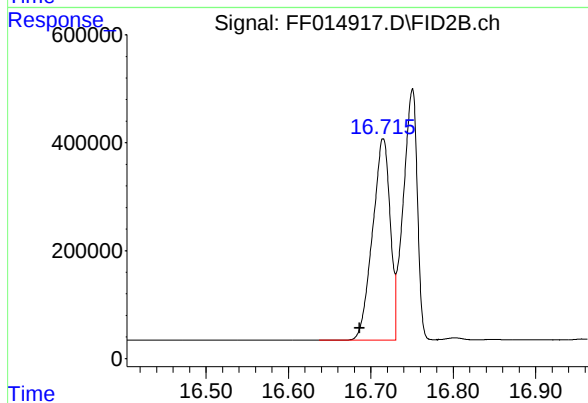
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.157 min
Delta R.T.: 0.024 min
Response: 5578219
Conc: 36.71 ug/ml



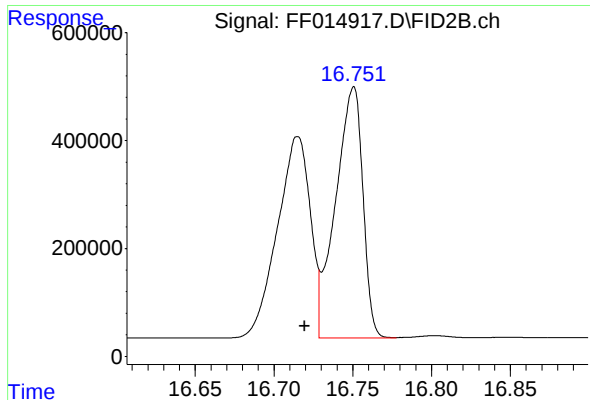
#15 Chrysene (C27.41)

R.T.: 15.202 min
Delta R.T.: 0.026 min
Response: 6067856
Conc: 39.26 ug/ml m



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

R.T.: 16.715 min
Delta R.T.: 0.028 min
Response: 5543156
Conc: 36.26 ug/ml



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

R.T.: 16.751 min
Delta R.T.: 0.031 min
Response: 5612263
Conc: 38.85 ug/ml

Instrument :

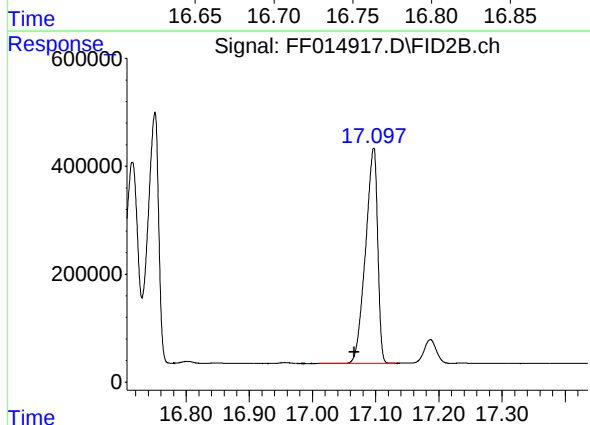
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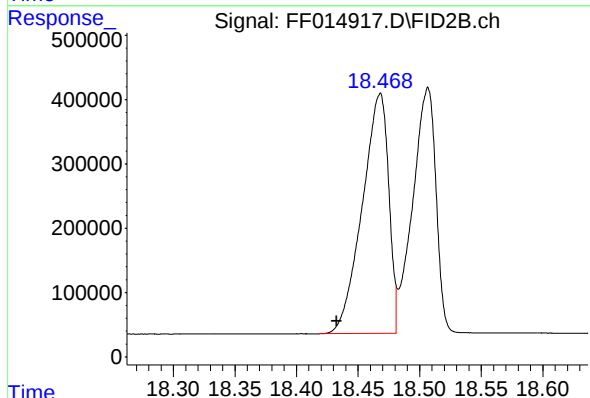
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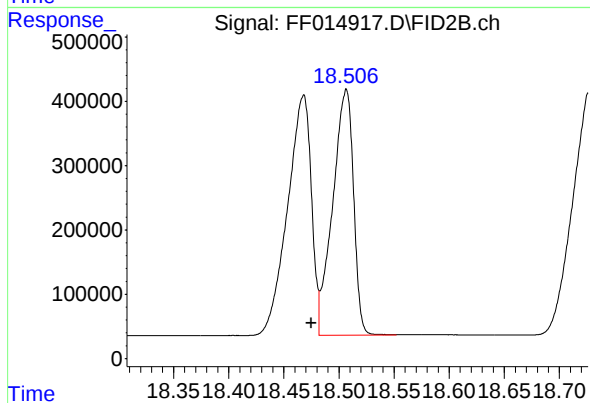
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.096 min
Delta R.T.: 0.030 min
Response: 5331243
Conc: 35.72 ug/ml



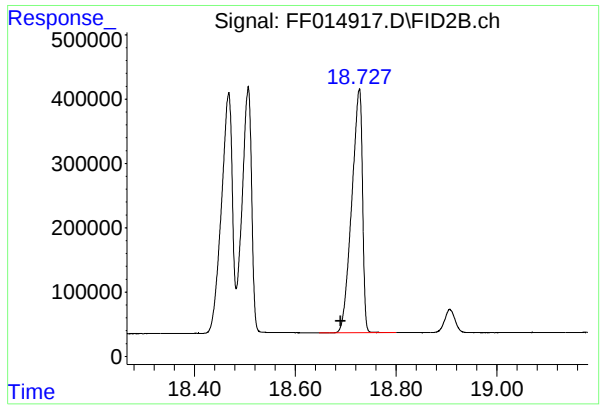
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.468 min
Delta R.T.: 0.036 min
Response: 5553416
Conc: 40.49 ug/ml m



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

R.T.: 18.506 min
Delta R.T.: 0.031 min
Response: 5015670
Conc: 34.53 ug/ml m



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

R.T.: 18.726 min
Delta R.T.: 0.037 min
Response: 5600527
Conc: 39.20 ug/ml

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