

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080724AR\
 Data File : FD048167.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2024 20:12
 Operator : YP/AJ
 Sample : P3464-01MSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

TOPSOILMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :Ankita Jodhani 08/08/2024

Integration File: autoint1.e

Quant Time: Aug 08 03:21:22 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M

Quant Title : GC Extractables

QLast Update : Mon Jul 15 13:13:15 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...	7.401	7028333	47.289 ug/ml
Spiked Amount 50.000		Recovery =	94.58%
6) S 2-Fluorobiphenyl (SURR)	8.252	4304602	45.484 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.97%
11) S ortho-Terphenyl (SURR)	11.290	6806167	40.678 ug/ml
Spiked Amount 50.000		Recovery =	81.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.220	5333962	31.853 ug/ml
2) T Naphthalene (C11.7)	5.740	6439696	37.264 ug/ml
3) T 2-Methylnaphthalene (...)	6.788	7175147	41.362 ug/ml
5) T Acenaphthylene (C15.06)	8.056	7753367	45.243 ug/ml
7) T Acenaphthene (C15.5)	8.351	7794535	44.931 ug/ml
8) T Fluorene (C16.55)	9.129	7921887	48.774 ug/ml
9) T Phenanthrene (C19.36)	10.518	8568098	53.951 ug/ml
10) T Anthracene (C19.43)	10.594	7896898	50.012 ug/ml
12) T Fluoranthene (C21.85)	12.324	8867984	56.009 ug/ml
13) T Pyrene (C20.8)	12.618	8085888	51.135 ug/ml
14) T Benzo[a]anthracene (C...	14.487	7356739	53.885 ug/ml
15) T Chrysene (C27.41)	14.530	7565494	46.931 ug/ml
16) T benzo[b]fluoranthene ...	16.034	7273602	50.534 ug/ml
17) T Bnezo[k]fluoranthene ...	16.069	7135855	47.777 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.411	6733370	47.540 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.776	7946752	70.459 ug/ml
20) T Dibenz[a,h]anthracene...	17.816	6954959	47.855 ug/ml
21) T Benzo[g,h,i]perylene ...	18.029	6362480	43.174 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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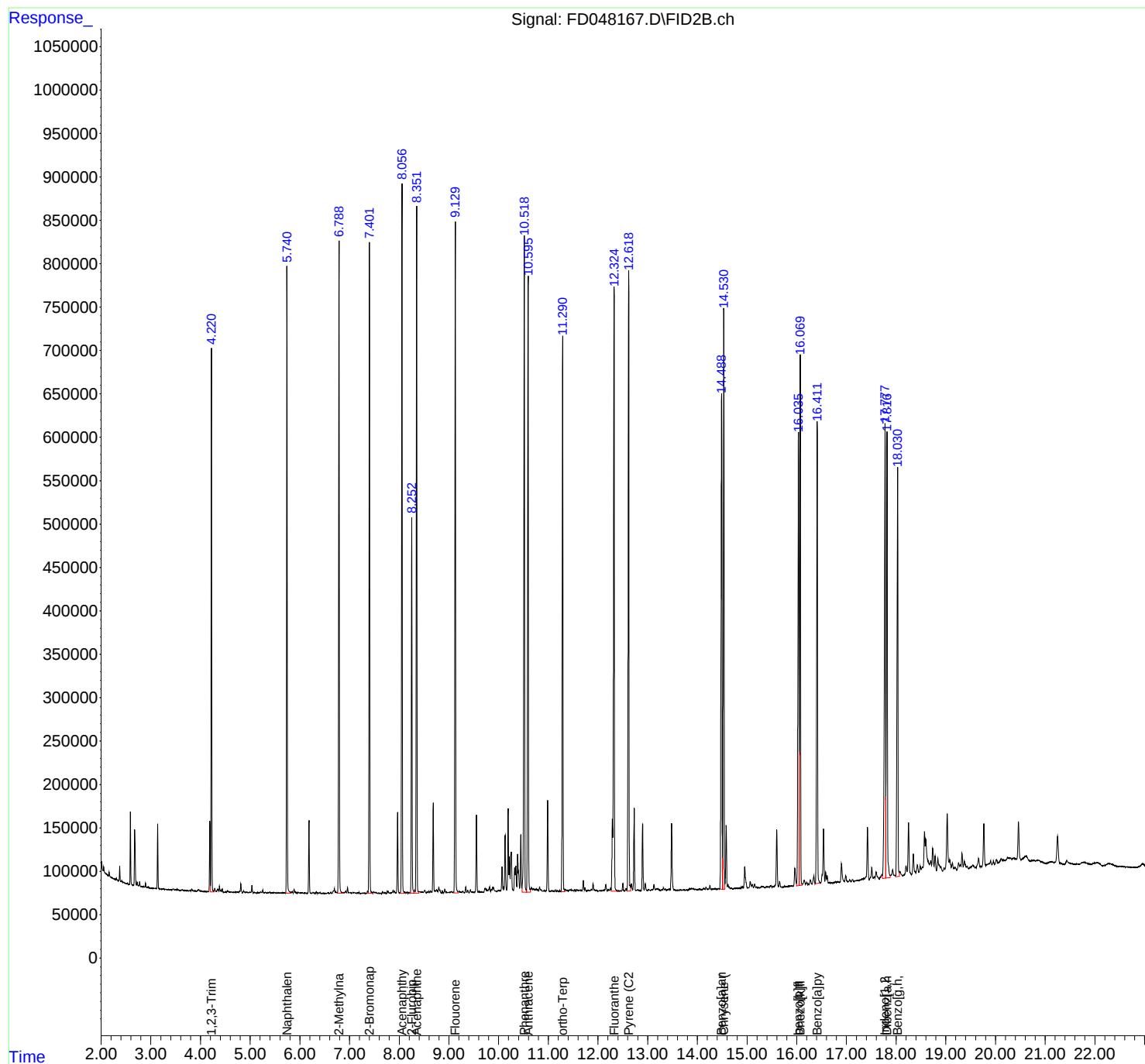
Response via : Initial Calibration

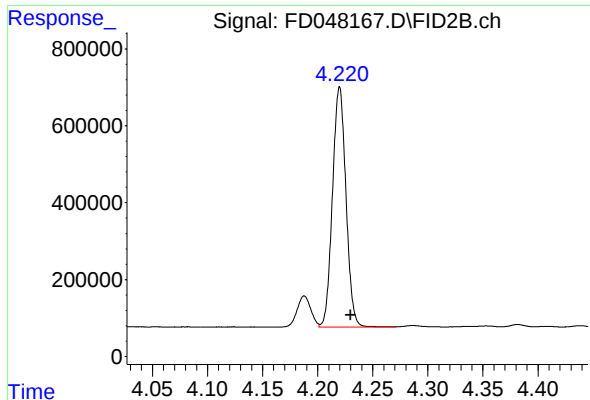
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





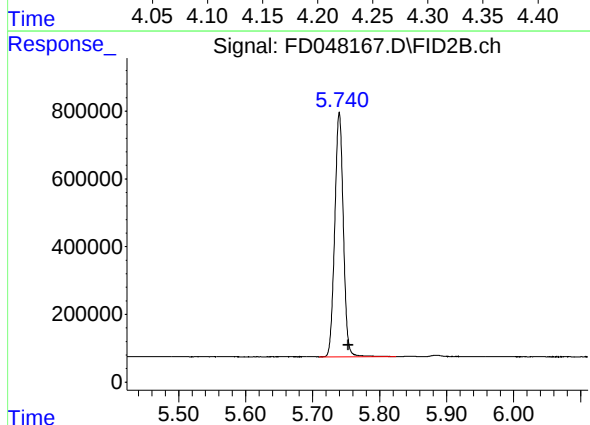
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.220 min
Delta R.T.: -0.010 min
Response: 5333962
Conc: 31.85 ug/ml

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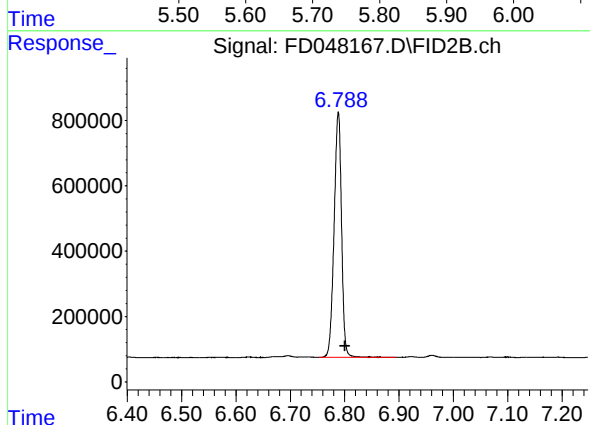
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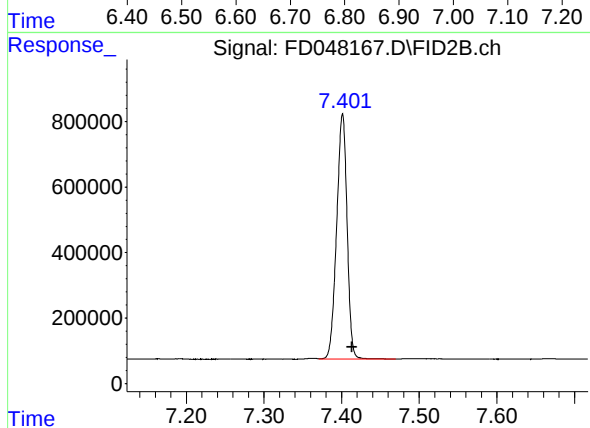
#2 Naphthalene (C11.7)

R.T.: 5.740 min
Delta R.T.: -0.013 min
Response: 6439696
Conc: 37.26 ug/ml



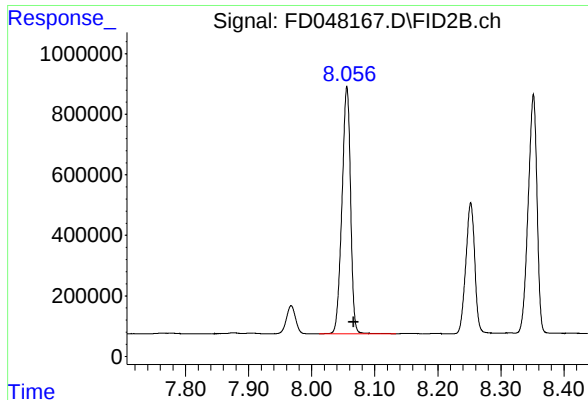
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.788 min
Delta R.T.: -0.013 min
Response: 7175147
Conc: 41.36 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.401 min
Delta R.T.: -0.012 min
Response: 7028333
Conc: 47.29 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.056 min
Delta R.T.: -0.011 min
Response: 7753367
Conc: 45.24 ug/ml

Instrument :

FID_D

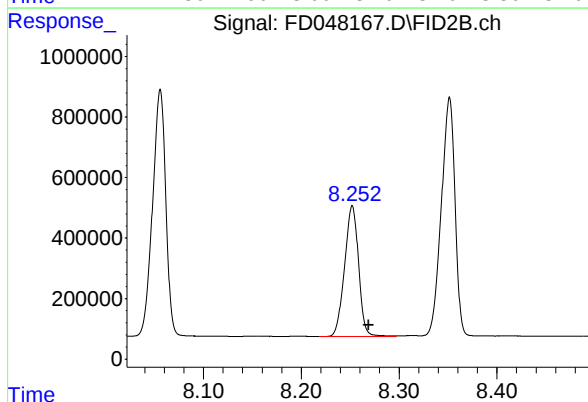
ClientSampleId :

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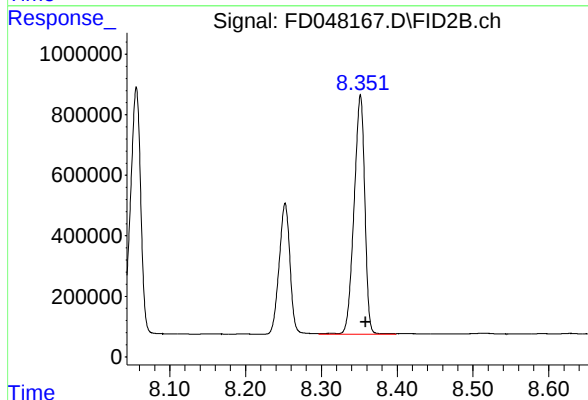
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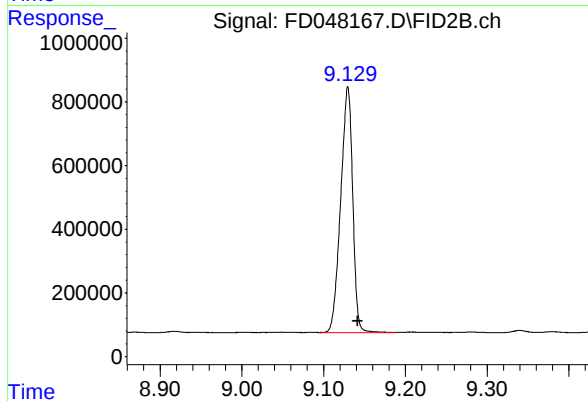
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.252 min
Delta R.T.: -0.017 min
Response: 4304602
Conc: 45.48 ug/ml



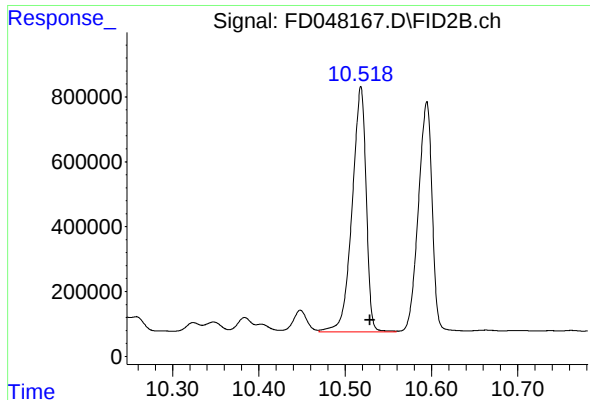
#7 Acenaphthene (C15.5)

R.T.: 8.351 min
Delta R.T.: -0.007 min
Response: 7794535
Conc: 44.93 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.129 min
Delta R.T.: -0.012 min
Response: 7921887
Conc: 48.77 ug/ml



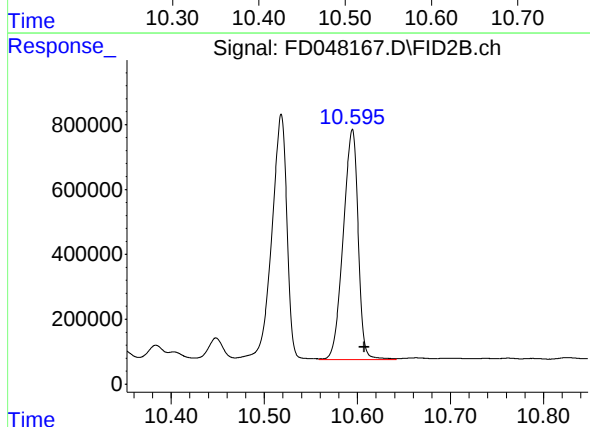
#9 Phenanthrene (C19.36)

R.T.: 10.518 min
Delta R.T.: -0.011 min
Response: 8568098
Conc: 53.95 ug/ml

Instrument :
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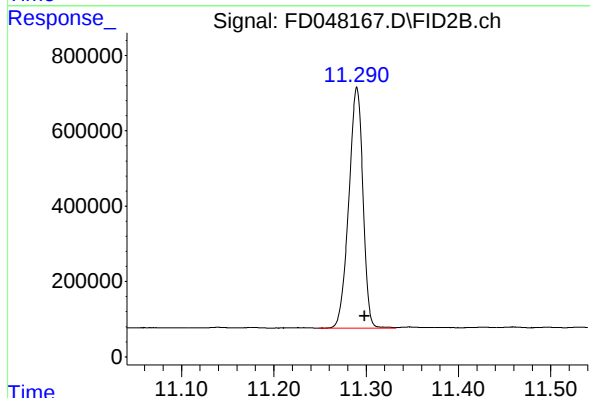
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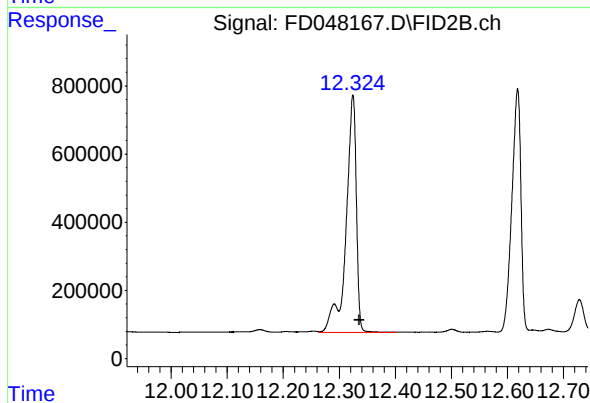
#10 Anthracene (C19.43)

R.T.: 10.594 min
Delta R.T.: -0.013 min
Response: 7896898
Conc: 50.01 ug/ml



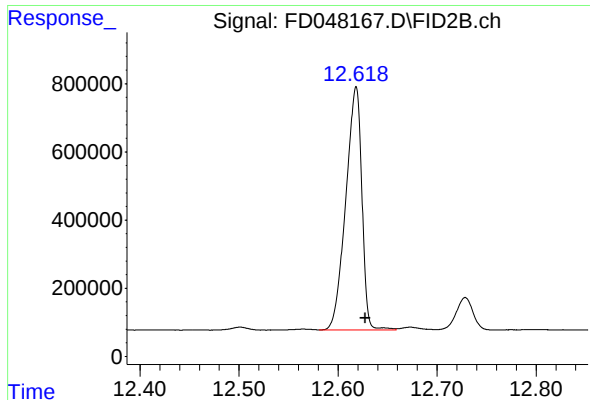
#11 ortho-Terphenyl (SURR)

R.T.: 11.290 min
Delta R.T.: -0.009 min
Response: 6806167
Conc: 40.68 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.324 min
Delta R.T.: -0.012 min
Response: 8867984
Conc: 56.01 ug/ml



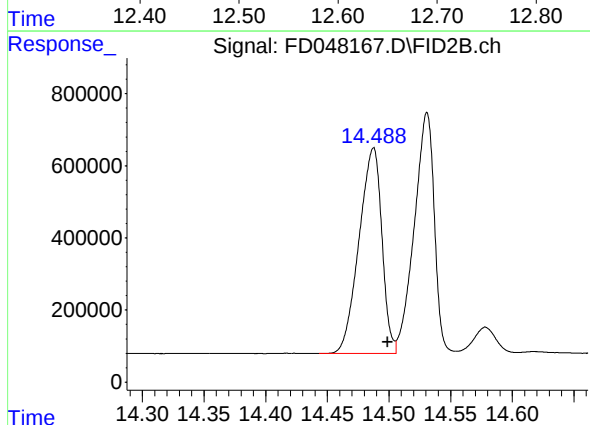
#13 Pyrene (C20.8)

R.T.: 12.618 min
Delta R.T.: -0.010 min
Response: 8085888
Conc: 51.13 ug/ml

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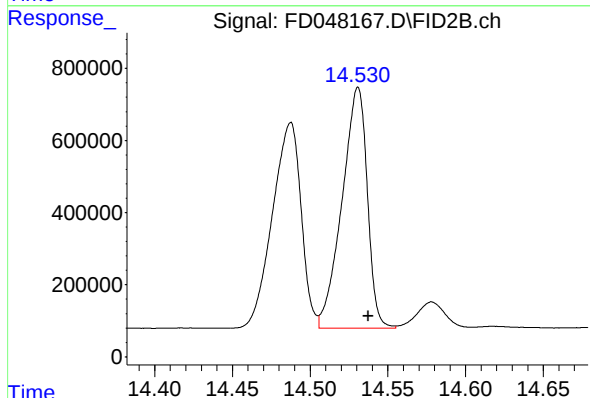
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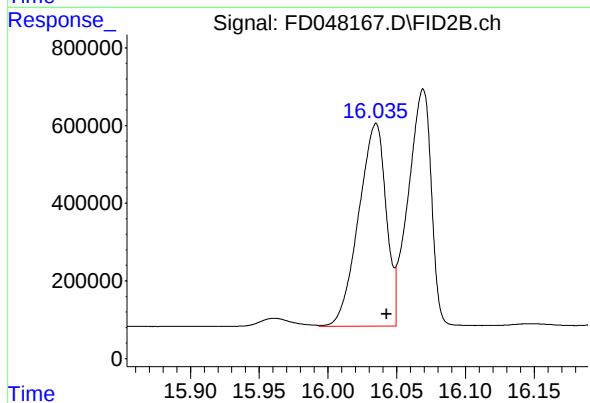
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.487 min
Delta R.T.: -0.012 min
Response: 7356739
Conc: 53.88 ug/ml



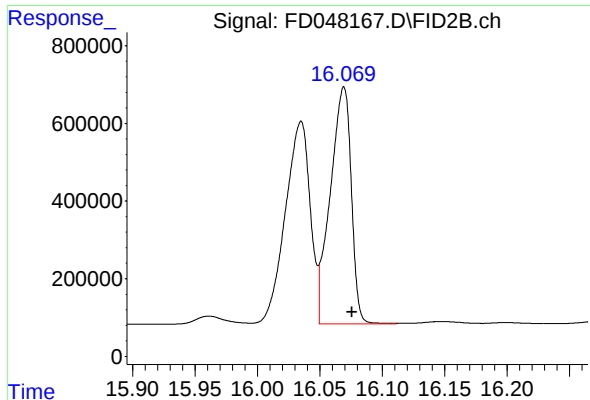
#15 Chrysene (C27.41)

R.T.: 14.530 min
Delta R.T.: -0.007 min
Response: 7565494
Conc: 46.93 ug/ml



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

R.T.: 16.034 min
Delta R.T.: -0.008 min
Response: 7273602
Conc: 50.53 ug/ml



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

R.T.: 16.069 min
Delta R.T.: -0.007 min
Response: 7135855
Conc: 47.78 ug/ml

Instrument :

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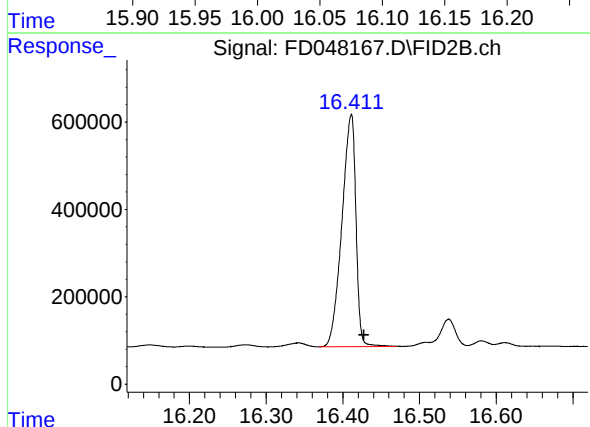
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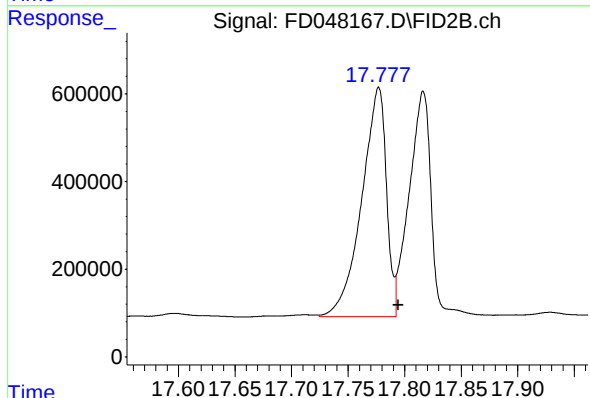
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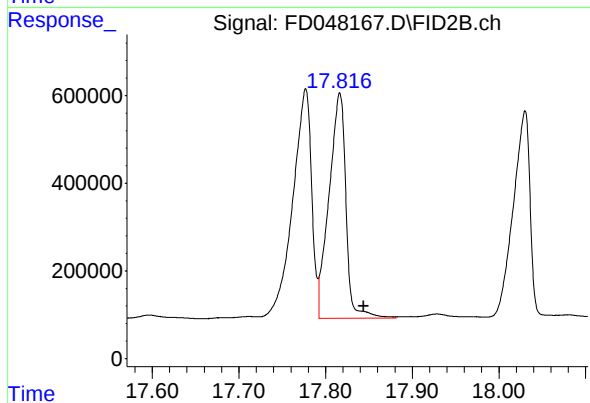
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.411 min
Delta R.T.: -0.016 min
Response: 6733370
Conc: 47.54 ug/ml m



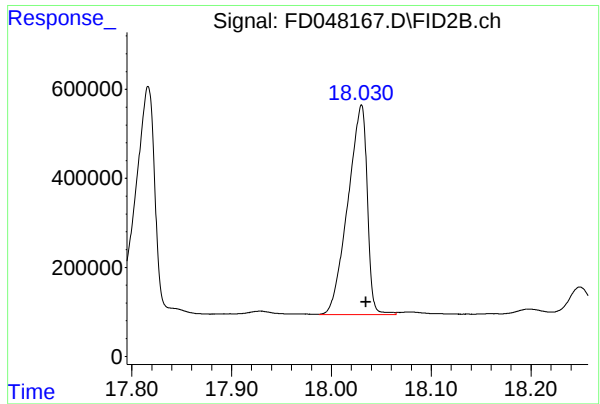
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.776 min
Delta R.T.: -0.018 min
Response: 7946752
Conc: 70.46 ug/ml



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

R.T.: 17.816 min
Delta R.T.: -0.028 min
Response: 6954959
Conc: 47.85 ug/ml



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

R.T.: 18.029 min
Delta R.T.: -0.005 min
Response: 6362480
Conc: 43.17 ug/ml

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