

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022525AR\
 Data File : FD049103.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 16:59
 Operator : YP/AJ
 Sample : PB166863BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB166863BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/26/2025
 Supervised By :Ankita Jodhani 02/26/2025

Integration File: autoint1.e
 Quant Time: Feb 26 01:33:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 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...	7.354	8562419	59.831 ug/ml
Spiked Amount 50.000		Recovery =	119.66%
6) S 2-Fluorobiphenyl (SURR)	8.204	4975359	56.595 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	113.19%
11) S ortho-Terphenyl (SURR)	11.239	8267824	51.107 ug/ml
Spiked Amount 50.000		Recovery =	102.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.178	6036938	37.908 ug/ml
2) T Naphthalene (C11.7)	5.694	7123358	44.861 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	7238167	46.490 ug/ml
5) T Acenaphthylene (C15.06)	8.007	8331286	51.236 ug/ml
7) T Acenaphthene (C15.5)	8.302	8763060	53.268 ug/ml
8) T Fluorene (C16.55)	9.081	8780584	55.697 ug/ml
9) T Phenanthrene (C19.36)	10.469	8838259	58.648 ug/ml
10) T Anthracene (C19.43)	10.545	8995903	59.564 ug/ml
12) T Fluoranthene (C21.85)	12.273	9090301	58.907 ug/ml
13) T Pyrene (C20.8)	12.566	8873510	57.598 ug/ml
14) T Benzo[a]anthracene (C...	14.438	8339919	63.475 ug/ml
15) T Chrysene (C27.41)	14.480	8235263	50.934 ug/ml
16) T benzo[b]fluoranthene ...	15.987	8292228	60.266 ug/ml
17) T Bnezo[k]fluoranthene ...	16.021	8408302	53.237 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.362	8013250	59.035 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.734	7573771	69.308 ug/mlm
20) T Dibenz[a,h]anthracene...	17.767	8097331	52.194 ug/ml
21) T Benzo[g,h,i]perylene ...	17.984	8000939	55.198 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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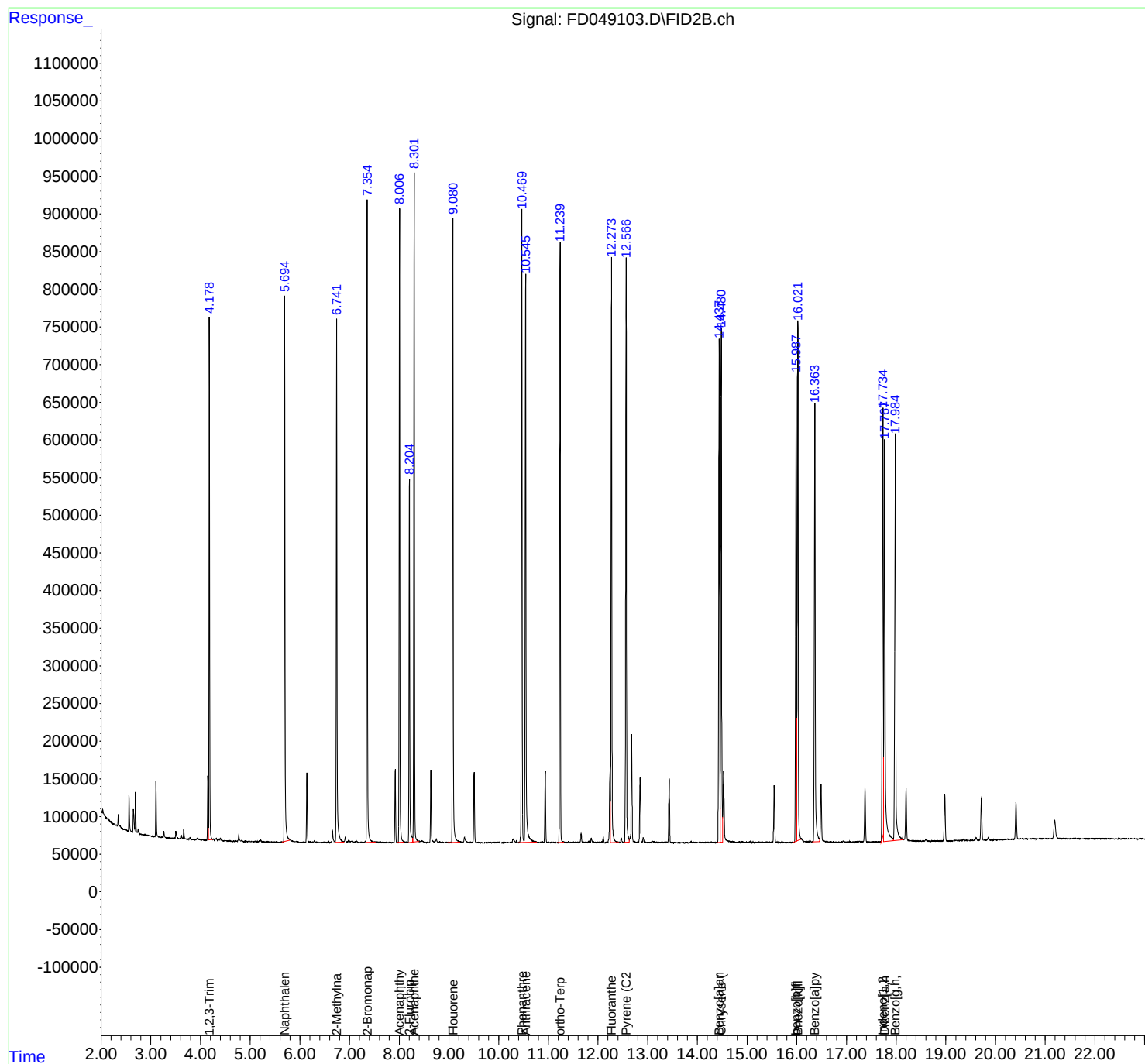
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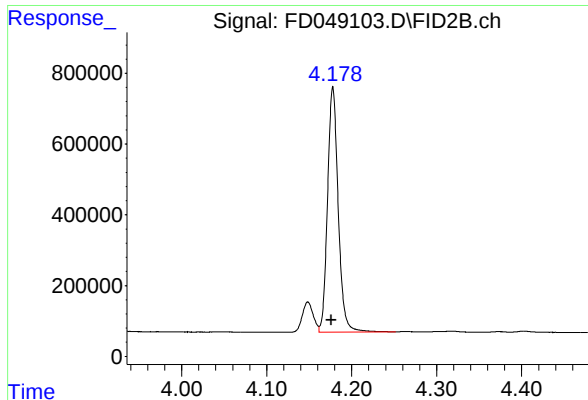
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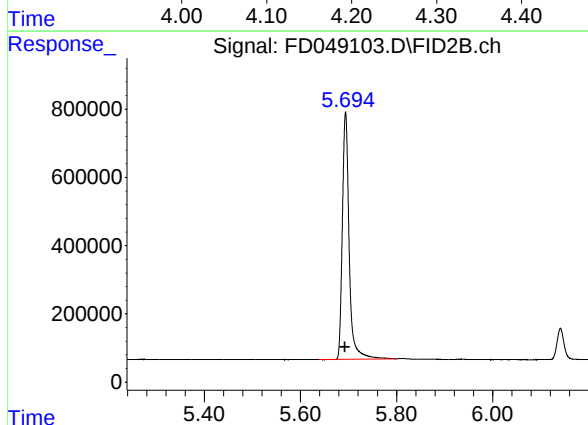
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.178 min
Delta R.T.: 0.002 min
Response: 6036938
Conc: 37.91 ug/ml

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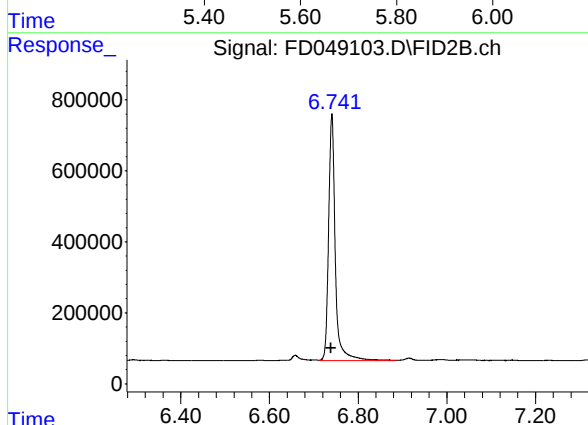
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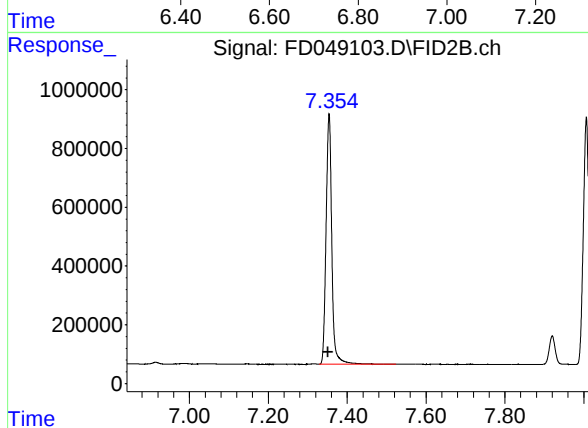
#2 Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: 0.001 min
Response: 7123358
Conc: 44.86 ug/ml



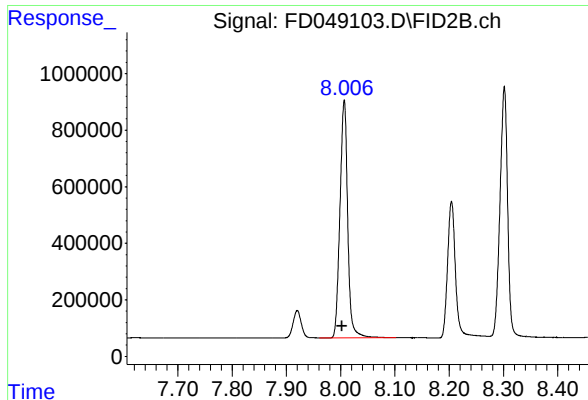
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: 0.002 min
Response: 7238167
Conc: 46.49 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.354 min
Delta R.T.: 0.003 min
Response: 8562419
Conc: 59.83 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.007 min
Delta R.T.: 0.004 min
Response: 8331286
Conc: 51.24 ug/ml

Instrument :

FID_D

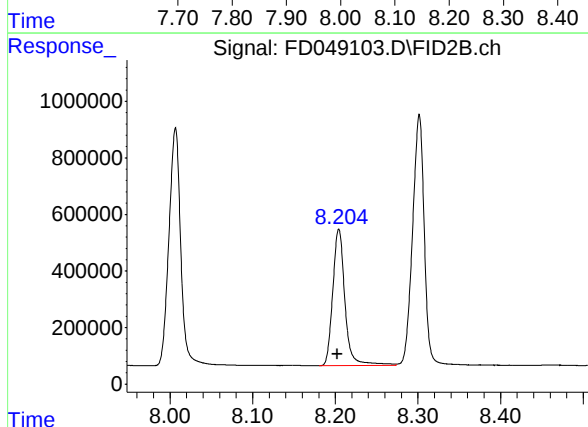
ClientSampleId :

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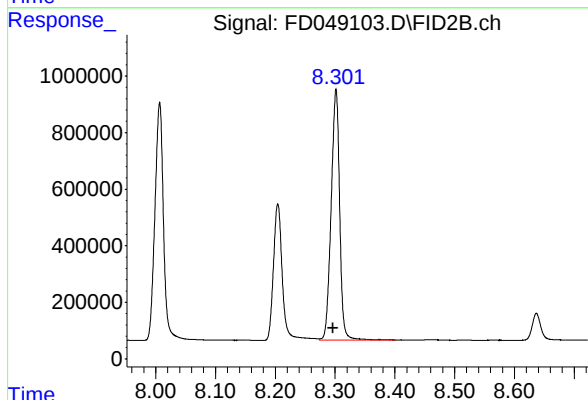
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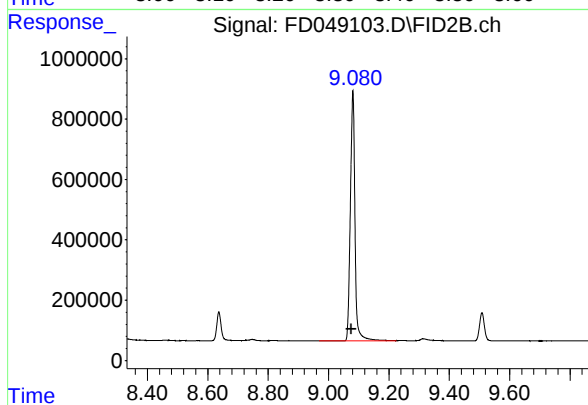
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.204 min
Delta R.T.: 0.002 min
Response: 4975359
Conc: 56.59 ug/ml



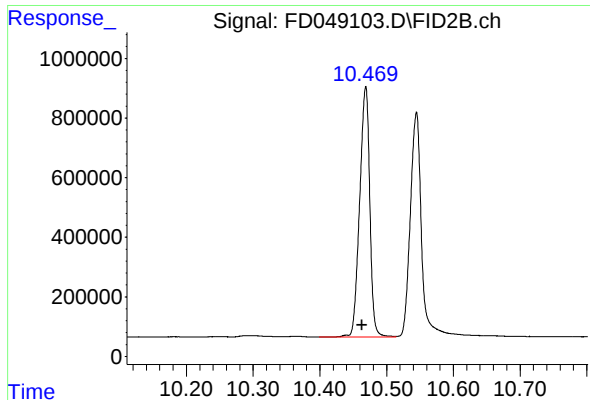
#7 Acenaphthene (C15.5)

R.T.: 8.302 min
Delta R.T.: 0.006 min
Response: 8763060
Conc: 53.27 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.081 min
Delta R.T.: 0.005 min
Response: 8780584
Conc: 55.70 ug/ml



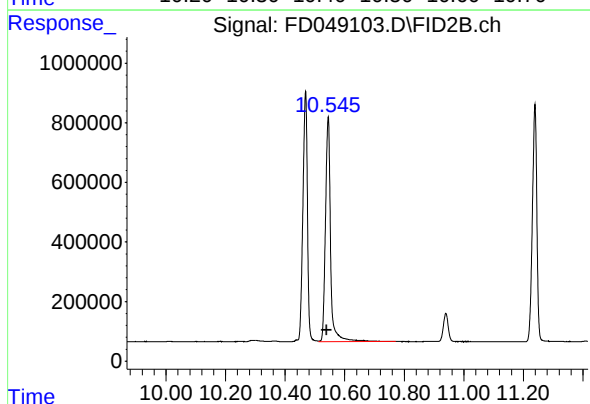
#9 Phenanthrene (C19.36)

R.T.: 10.469 min
Delta R.T.: 0.006 min
Response: 8838259
Conc: 58.65 ug/ml

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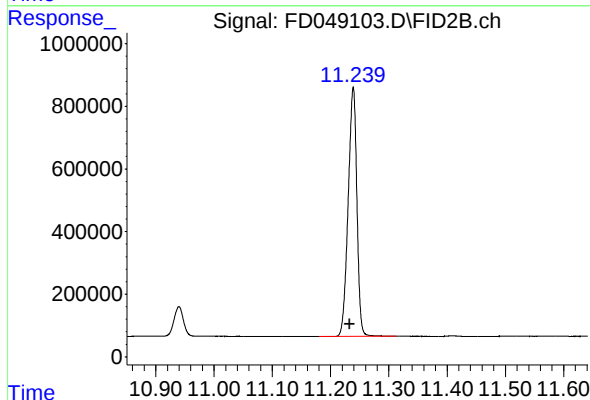
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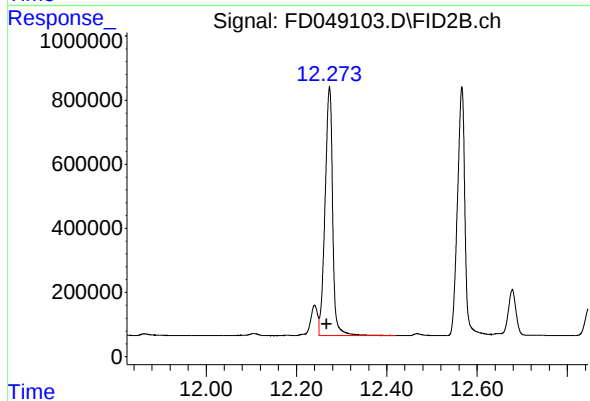
#10 Anthracene (C19.43)

R.T.: 10.545 min
Delta R.T.: 0.005 min
Response: 8995903
Conc: 59.56 ug/ml



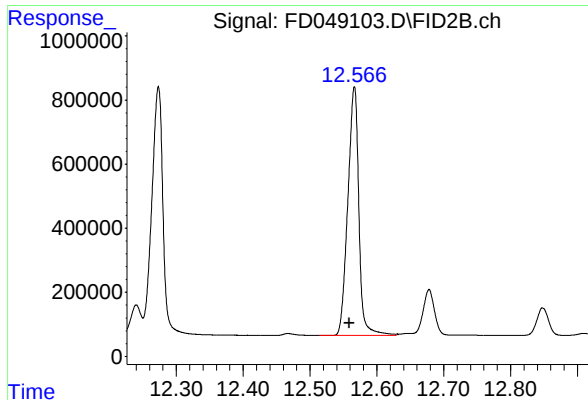
#11 ortho-Terphenyl (SURR)

R.T.: 11.239 min
Delta R.T.: 0.006 min
Response: 8267824
Conc: 51.11 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.273 min
Delta R.T.: 0.006 min
Response: 9090301
Conc: 58.91 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.566 min
Delta R.T.: 0.008 min
Response: 8873510
Conc: 57.60 ug/ml

Instrument :

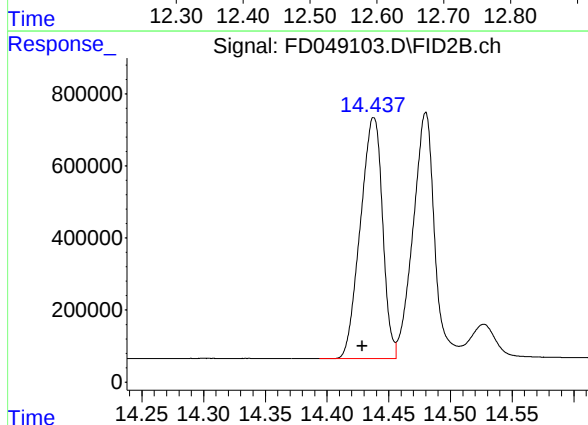
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ClientSampleId :

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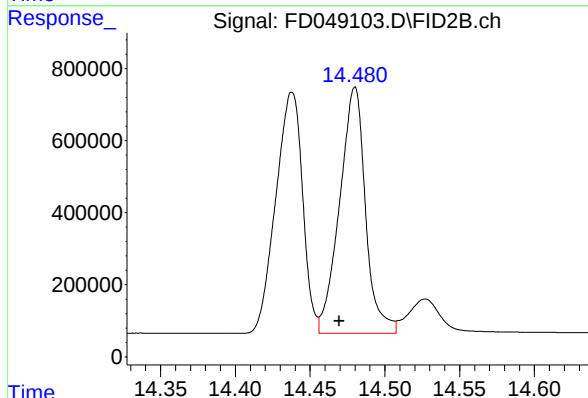
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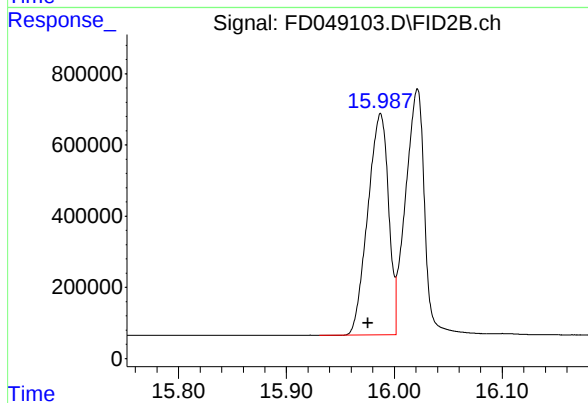
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.438 min
Delta R.T.: 0.009 min
Response: 8339919
Conc: 63.47 ug/ml



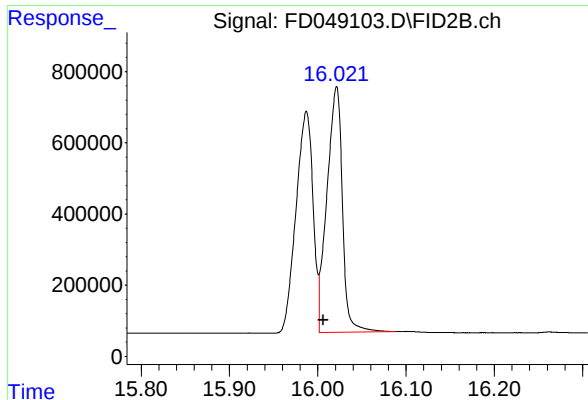
#15 Chrysene (C27.41)

R.T.: 14.480 min
Delta R.T.: 0.011 min
Response: 8235263
Conc: 50.93 ug/ml



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

R.T.: 15.987 min
Delta R.T.: 0.012 min
Response: 8292228
Conc: 60.27 ug/ml



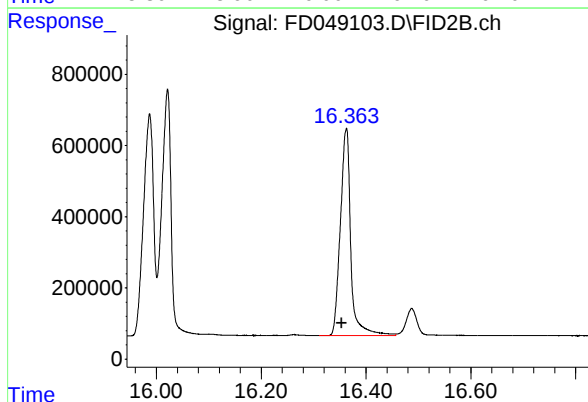
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.021 min
Delta R.T.: 0.015 min
Response: 8408302
Conc: 53.24 ug/ml

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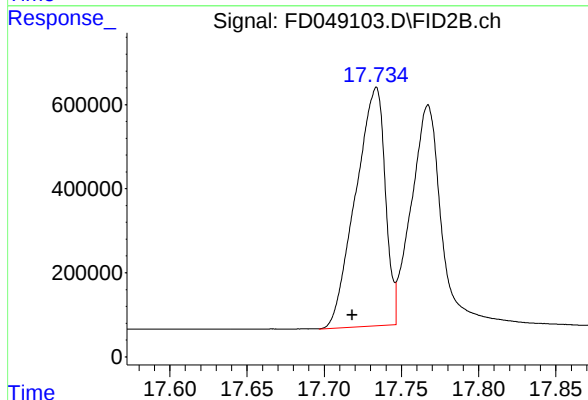
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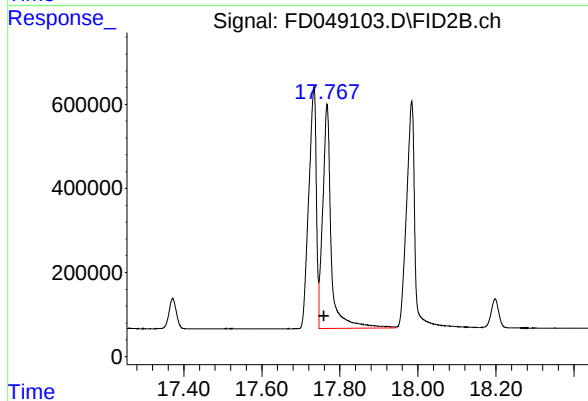
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.362 min
Delta R.T.: 0.009 min
Response: 8013250
Conc: 59.04 ug/ml



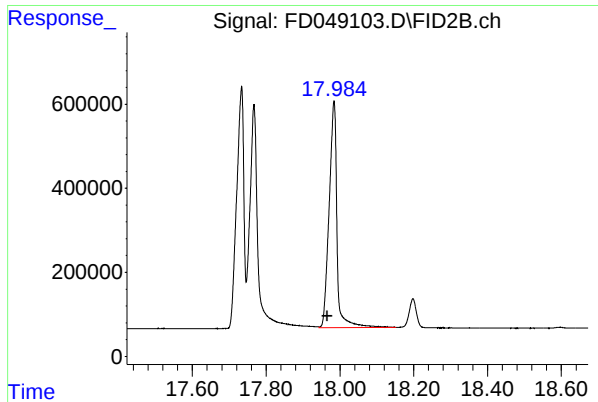
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.734 min
Delta R.T.: 0.015 min
Response: 7573771
Conc: 69.31 ug/ml m



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

R.T.: 17.767 min
Delta R.T.: 0.008 min
Response: 8097331
Conc: 52.19 ug/ml



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

R.T.: 17.984 min
Delta R.T.: 0.018 min
Response: 8000939
Conc: 55.20 ug/ml

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