

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121124AR\
 Data File : FD048878.D
 Signal(s) : FID2B.ch
 Acq On : 11 Dec 2024 23:09
 Operator : YP/AJ
 Sample : P5194-01MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

UST-1MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :Ankita Jodhani 12/12/2024

Integration File: autoint1.e

Quant Time: Dec 12 04:30:58 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 06:07:50 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...	7.364	8595731	51.033 ug/ml
Spiked Amount 50.000		Recovery =	102.07%
6) S 2-Fluorobiphenyl (SURR)	8.214	5680203	54.983 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.97%
11) S ortho-Terphenyl (SURR)	11.248	4166594	23.452 ug/ml
Spiked Amount 50.000		Recovery =	46.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	5167594	27.293 ug/ml
2) T Naphthalene (C11.7)	5.703	5852873	30.630 ug/ml
3) T 2-Methylnaphthalene (...)	6.749	5688547	30.785 ug/ml
5) T Acenaphthylene (C15.06)	8.015	5848039	31.334 ug/ml
7) T Acenaphthene (C15.5)	8.311	6369439	34.201 ug/ml
8) T Flouorene (C16.55)	9.089	6189650	34.639 ug/ml
9) T Phenanthrene (C19.36)	10.477	5855963	35.060 ug/ml
10) T Anthracene (C19.43)	10.553	5782496	34.070 ug/ml
12) T Fluoranthene (C21.85)	12.282	5619561	34.331 ug/mlm
13) T Pyrene (C20.8)	12.576	5856512	36.008 ug/ml
14) T Benzo[a]anthracene (C...	14.446	4769516	36.103 ug/ml
15) T Chrysene (C27.41)	14.487	4863742	30.127 ug/ml
16) T benzo[b]fluoranthene ...	15.996	4340102	32.238 ug/ml
17) T Bnezo[k]fluoranthene ...	16.027	4439330	29.145 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.372	4048185	29.269 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.742	4000902	37.543 ug/ml
20) T Dibenz[a,h]anthracene...	17.778	4012260	27.666 ug/ml
21) T Benzo[g,h,i]perylene ...	17.991	3722151	26.547 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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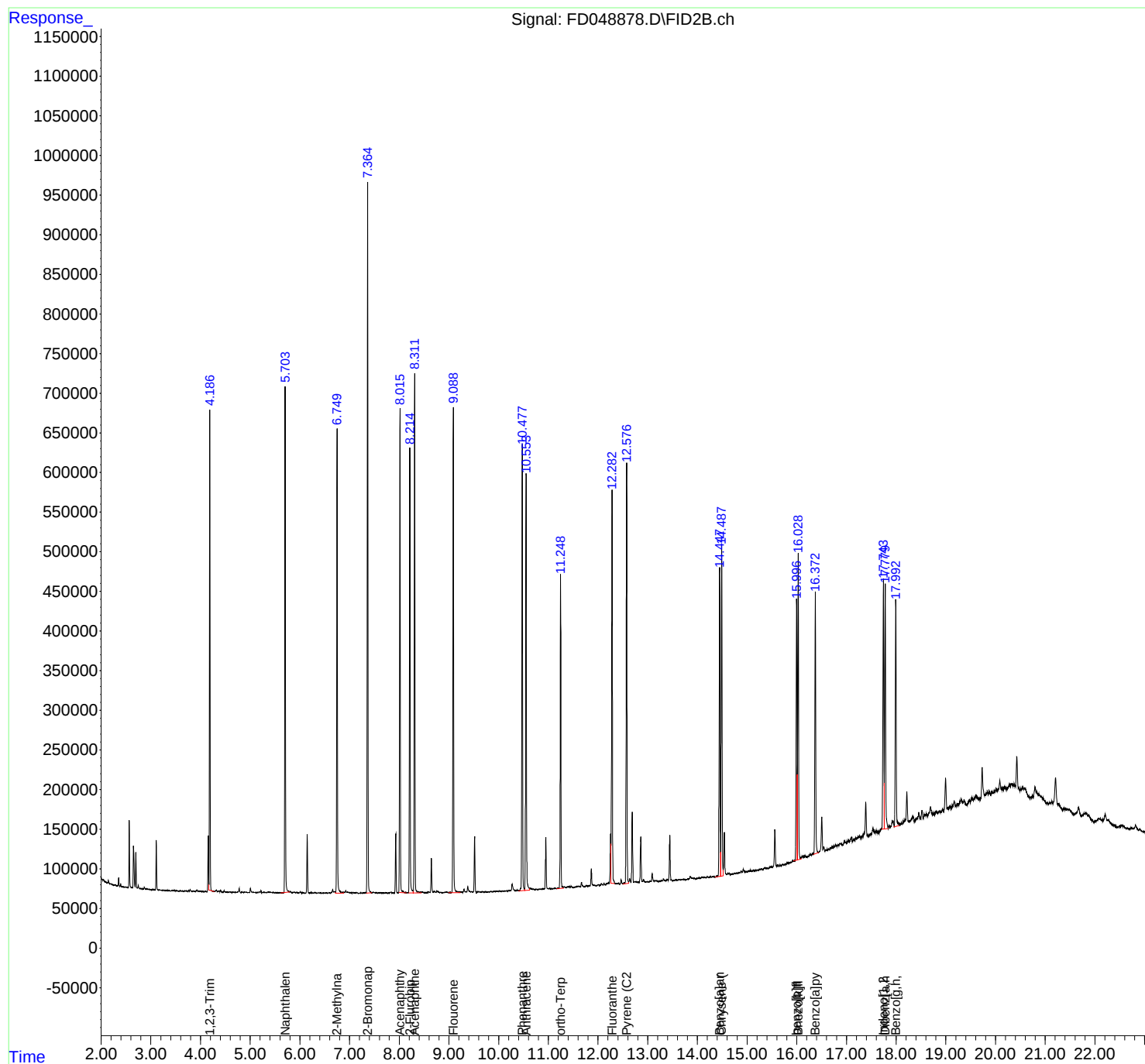
Response via : Initial Calibration

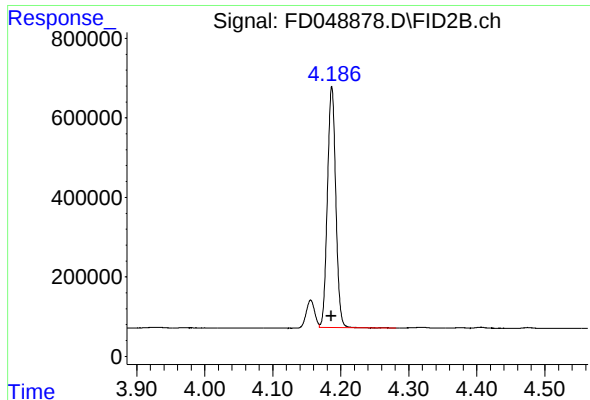
Integrator: ChemStation

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.: 4.187 min
Delta R.T.: 0.000 min
Response: 5167594
Conc: 27.29 ug/ml

Instrument :

FID_D

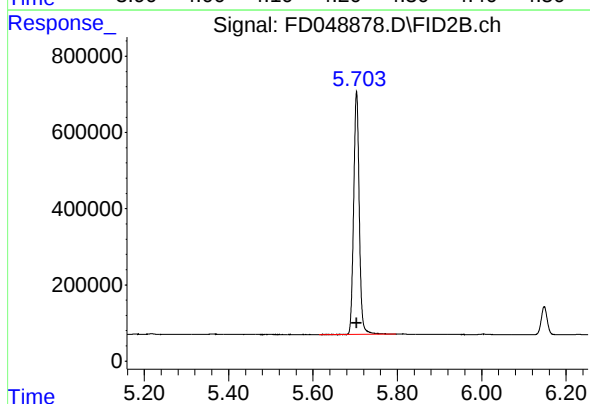
ClientSampleId :

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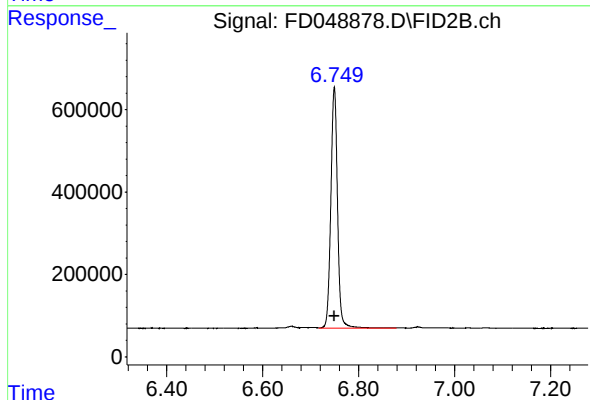
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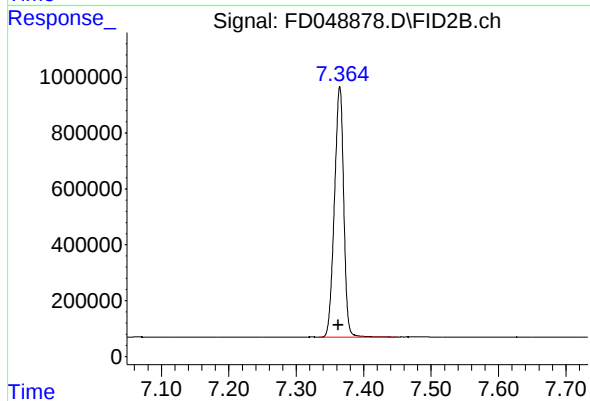
#2 Naphthalene (C11.7)

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 5852873
Conc: 30.63 ug/ml



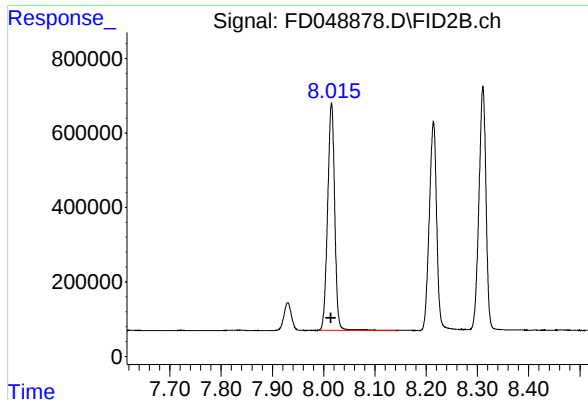
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 5688547
Conc: 30.79 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.364 min
Delta R.T.: 0.002 min
Response: 8595731
Conc: 51.03 ug/ml



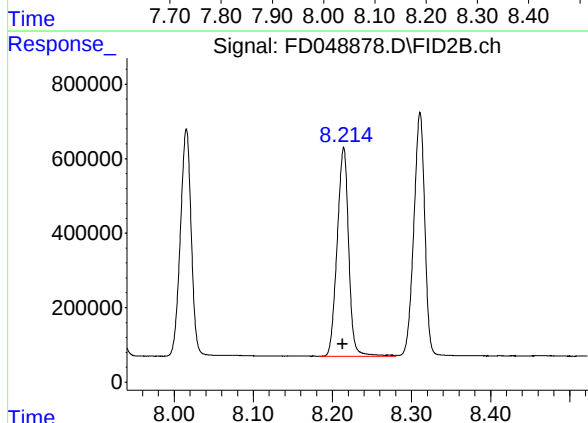
#5 Acenaphthylene (C15.06)

R.T.: 8.015 min
Delta R.T.: 0.000 min
Response: 5848039
Conc: 31.33 ug/ml

Instrument :
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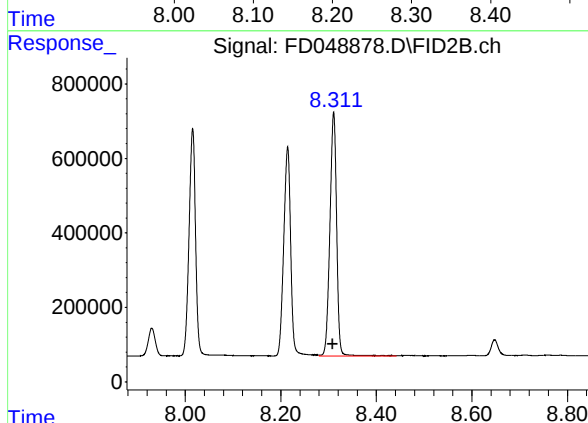
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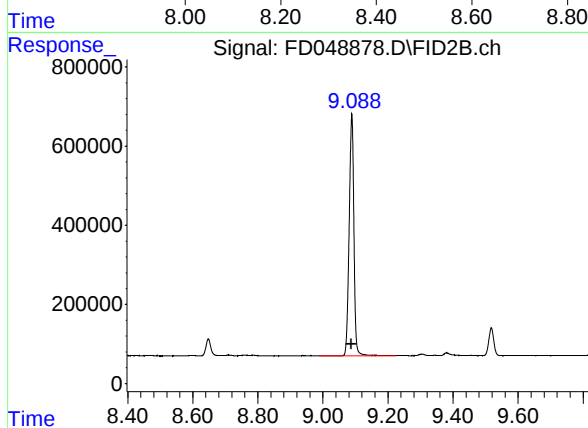
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min
Delta R.T.: 0.000 min
Response: 5680203
Conc: 54.98 ug/ml



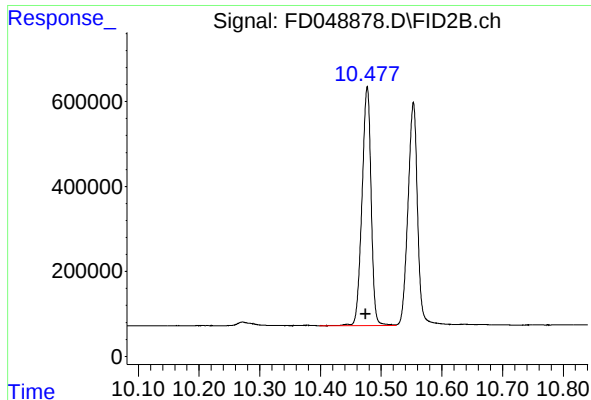
#7 Acenaphthene (C15.5)

R.T.: 8.311 min
Delta R.T.: 0.002 min
Response: 6369439
Conc: 34.20 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.089 min
Delta R.T.: 0.000 min
Response: 6189650
Conc: 34.64 ug/ml



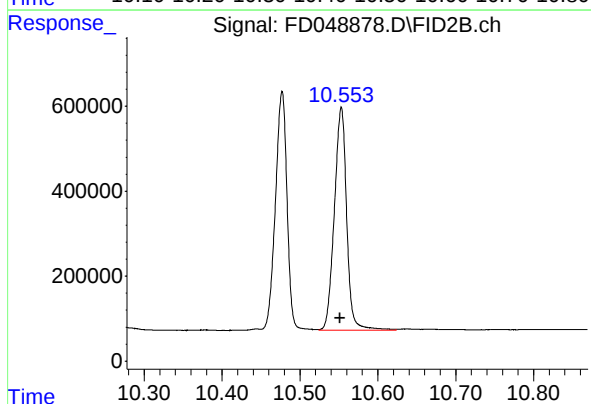
#9 Phenanthrene (C19.36)

R.T.: 10.477 min
Delta R.T.: 0.002 min
Response: 5855963
Conc: 35.06 ug/ml

Instrument :
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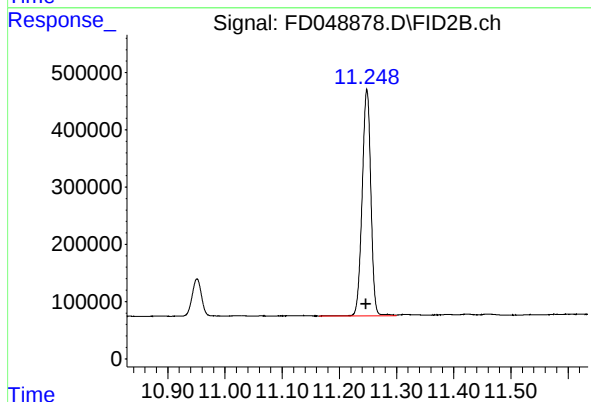
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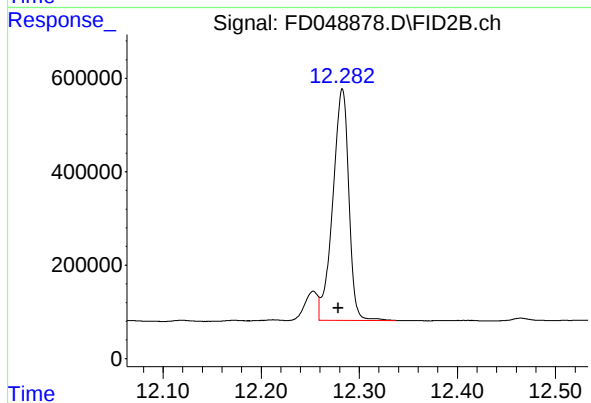
#10 Anthracene (C19.43)

R.T.: 10.553 min
Delta R.T.: 0.002 min
Response: 5782496
Conc: 34.07 ug/ml



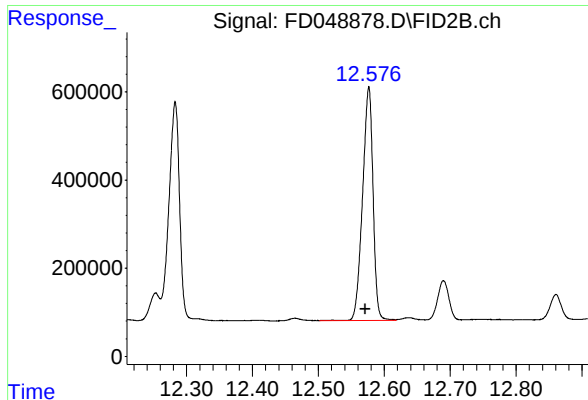
#11 ortho-Terphenyl (SURR)

R.T.: 11.248 min
Delta R.T.: 0.001 min
Response: 4166594
Conc: 23.45 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.282 min
Delta R.T.: 0.004 min
Response: 5619561
Conc: 34.33 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.576 min
Delta R.T.: 0.004 min
Response: 5856512
Conc: 36.01 ug/ml

Instrument :

FID_D

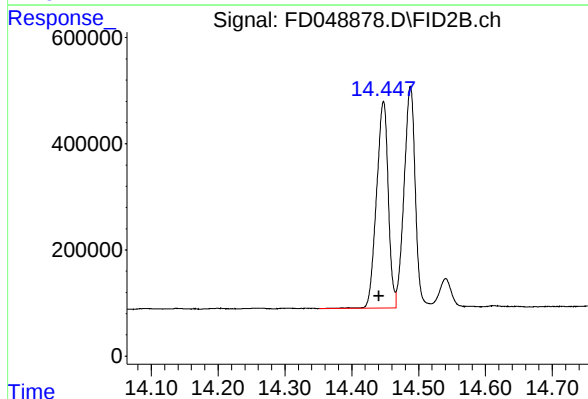
ClientSampleId :

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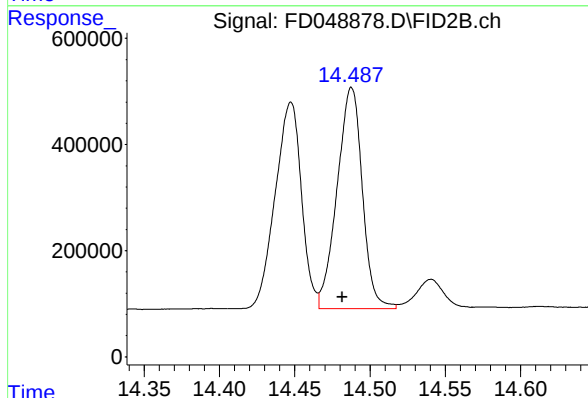
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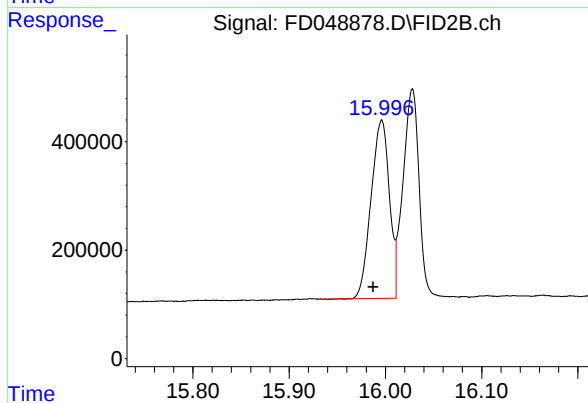
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.446 min
Delta R.T.: 0.006 min
Response: 4769516
Conc: 36.10 ug/ml



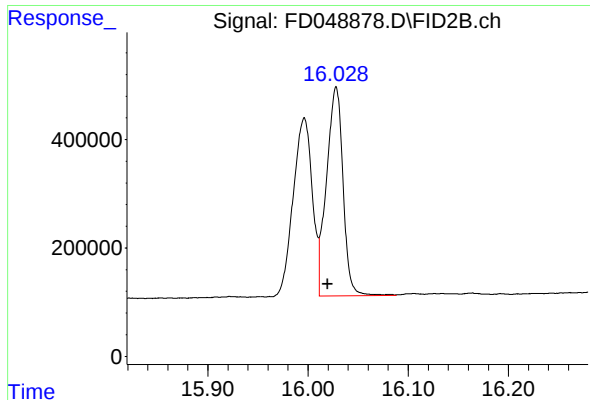
#15 Chrysene (C27.41)

R.T.: 14.487 min
Delta R.T.: 0.005 min
Response: 4863742
Conc: 30.13 ug/ml



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

R.T.: 15.996 min
Delta R.T.: 0.008 min
Response: 4340102
Conc: 32.24 ug/ml



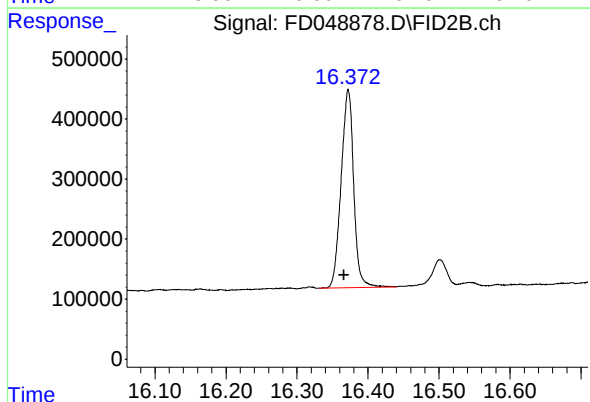
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.027 min
Delta R.T.: 0.007 min
Response: 4439330
Conc: 29.14 ug/ml

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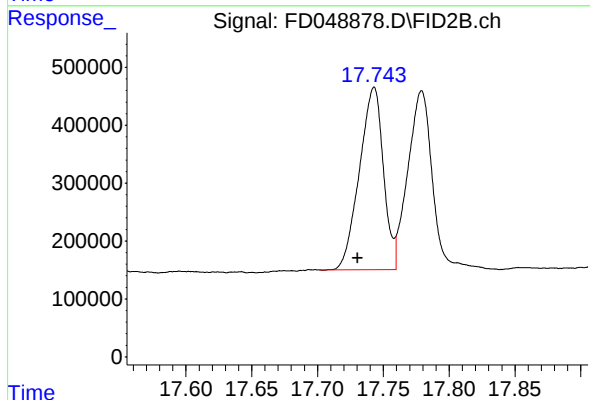
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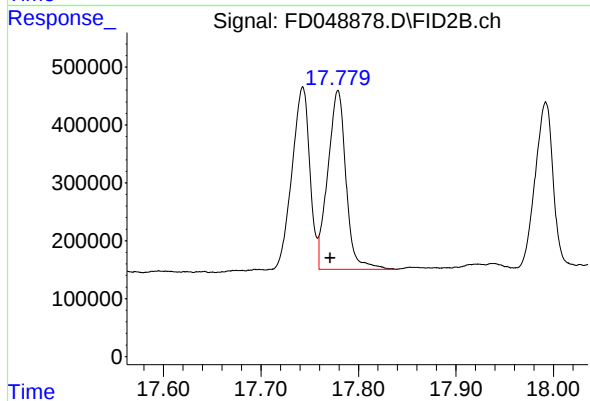
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.372 min
Delta R.T.: 0.006 min
Response: 4048185
Conc: 29.27 ug/ml m



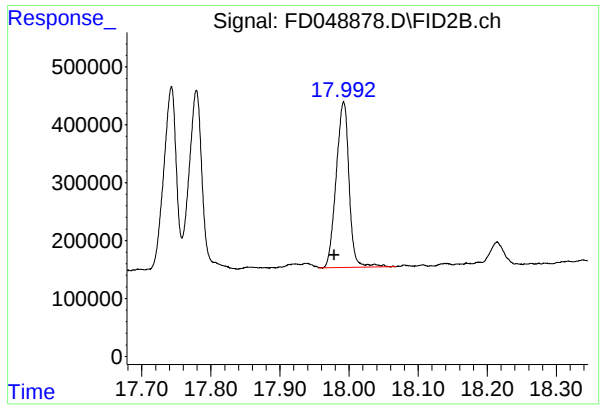
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.742 min
Delta R.T.: 0.011 min
Response: 4000902
Conc: 37.54 ug/ml



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

R.T.: 17.778 min
Delta R.T.: 0.007 min
Response: 4012260
Conc: 27.67 ug/ml



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

R.T.: 17.991 min
Delta R.T.: 0.012 min
Response: 3722151
Conc: 26.55 ug/ml

Instrument :

FID_D

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