

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112224AR\
 Data File : FD048806.D
 Signal(s) : FID2B.ch
 Acq On : 22 Nov 2024 14:33
 Operator : YP/AJ
 Sample : P4892-02MS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WB-310-BOTMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/25/2024
 Supervised By :Ankita Jodhani 11/25/2024

Integration File: autoint1.e
 Quant Time: Nov 22 23:09:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.367	9037965	51.335 ug/ml
Spiked Amount 50.000		Recovery =	102.67%
6) S 2-Fluorobiphenyl (SURR)	8.218	5777283	50.163 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.33%
11) S ortho-Terphenyl (SURR)	11.253	6648422	34.567 ug/ml
Spiked Amount 50.000		Recovery =	69.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.189	7457398	39.570 ug/ml
2) T Naphthalene (C11.7)	5.707	8534052	43.636 ug/ml
3) T 2-Methylnaphthalene (...)	6.754	8393361	43.920 ug/ml
5) T Acenaphthylene (C15.06)	8.021	9860469	50.847 ug/ml
7) T Acenaphthene (C15.5)	8.317	10485836	54.516 ug/ml
8) T Flouorene (C16.55)	9.096	10753423	56.050 ug/ml
9) T Phenanthrene (C19.36)	10.485	11109879	60.609 ug/ml
10) T Anthracene (C19.43)	10.561	11232986	59.983 ug/ml
12) T Fluoranthene (C21.85)	12.292	11437244	62.457 ug/mlm
13) T Pyrene (C20.8)	12.585	11150305	61.674 ug/ml
14) T Benzo[a]anthracene (C...	14.455	10614767	64.527 ug/ml
15) T Chrysene (C27.41)	14.499	10598964	60.561 ug/ml
16) T benzo[b]fluoranthene ...	16.005	10091085	64.226 ug/ml
17) T Bnezo[k]fluoranthene ...	16.042	10418164	63.838 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.381	9535336	63.954 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.750	9706249	78.574 ug/ml
20) T Dibenz[a,h]anthracene...	17.787	9160239	58.415 ug/ml
21) T Benzo[g,h,i]perylene ...	18.003	9060212	63.497 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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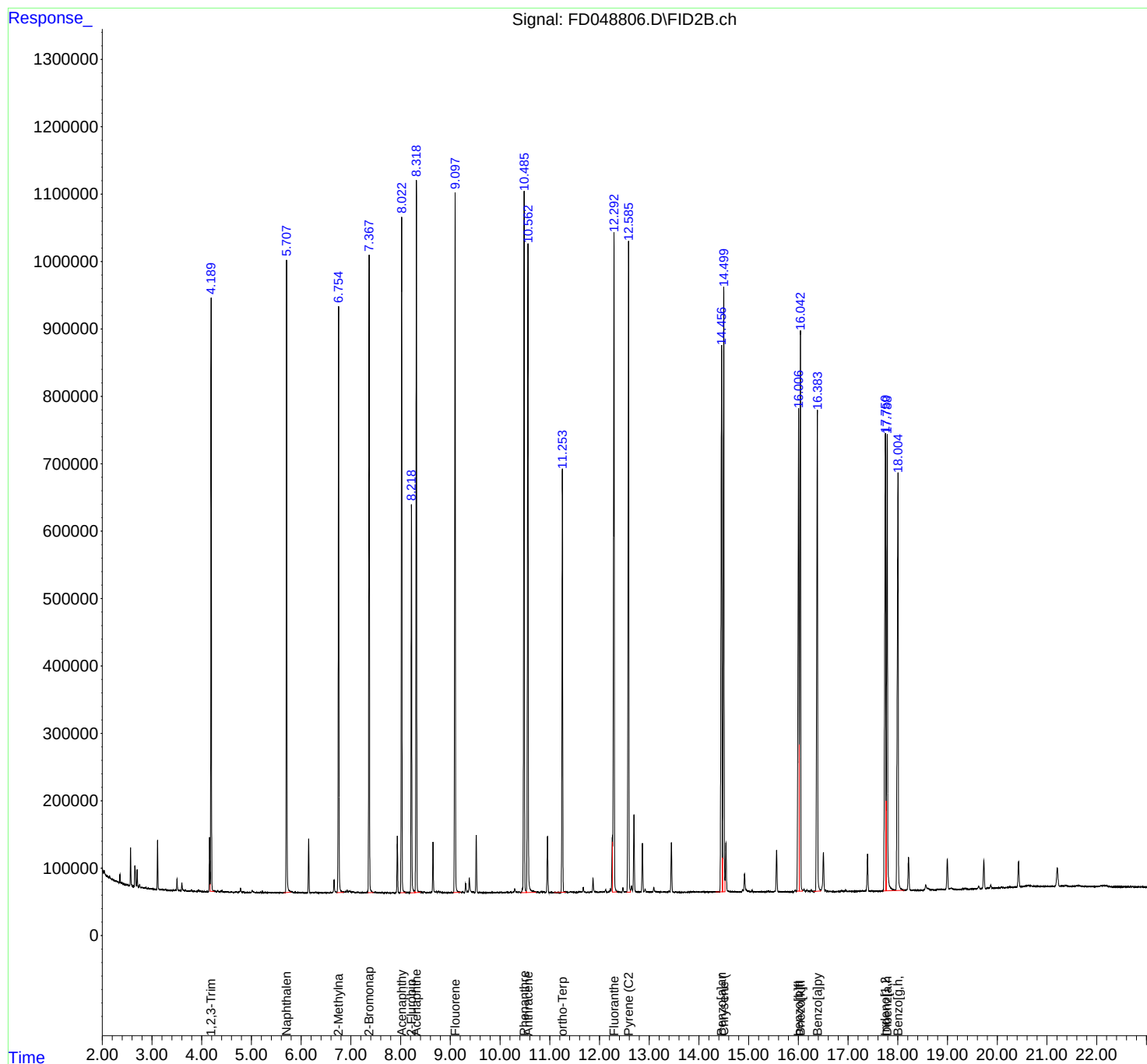
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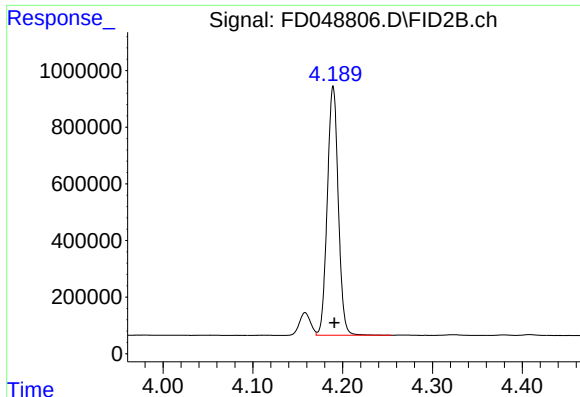
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.189 min
Delta R.T.: -0.002 min
Response: 7457398
Conc: 39.57 ug/ml

Instrument :

FID_D

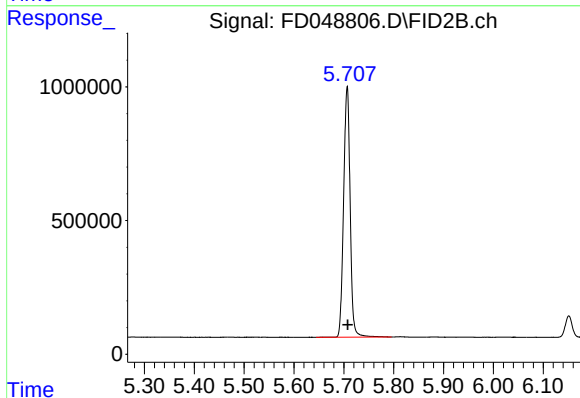
ClientSampleId :

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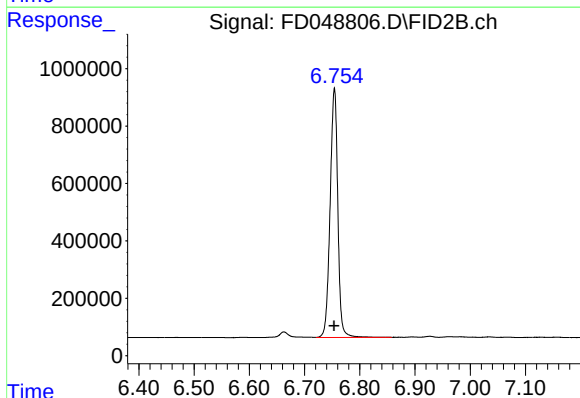
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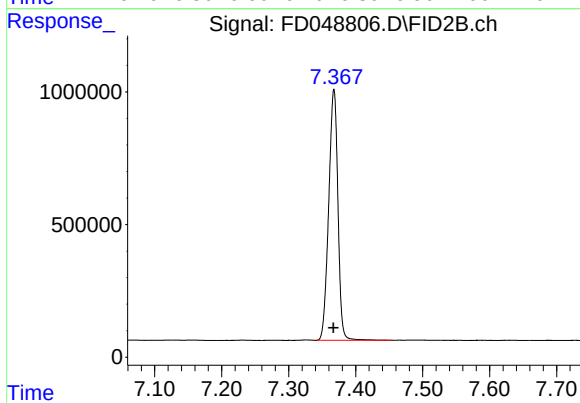
#2 Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: -0.001 min
Response: 8534052
Conc: 43.64 ug/ml



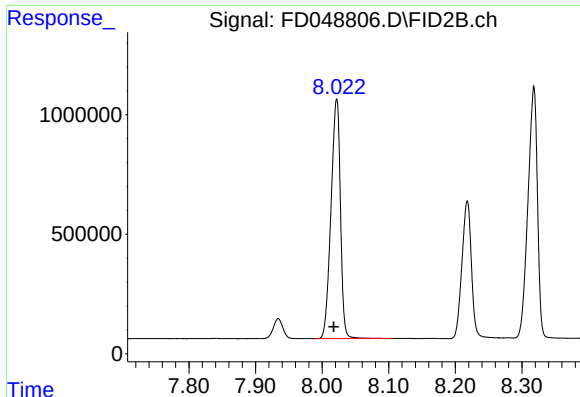
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 8393361
Conc: 43.92 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 9037965
Conc: 51.33 ug/ml



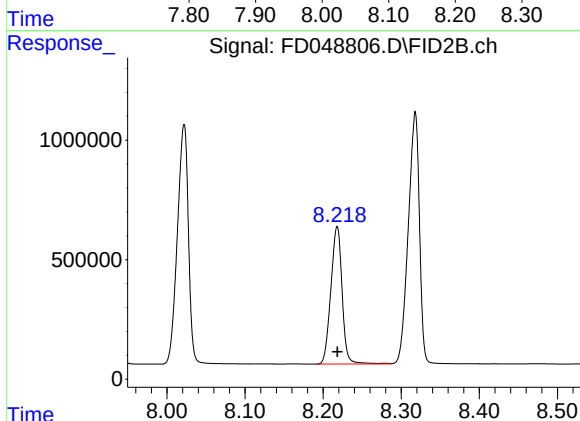
#5 Acenaphthylene (C15.06)

R.T.: 8.021 min
Delta R.T.: 0.004 min
Response: 9860469
Conc: 50.85 ug/ml

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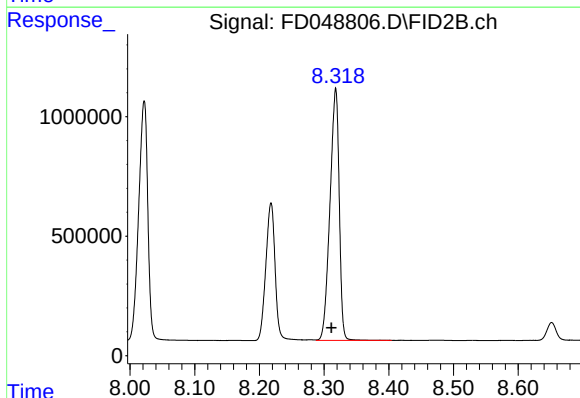
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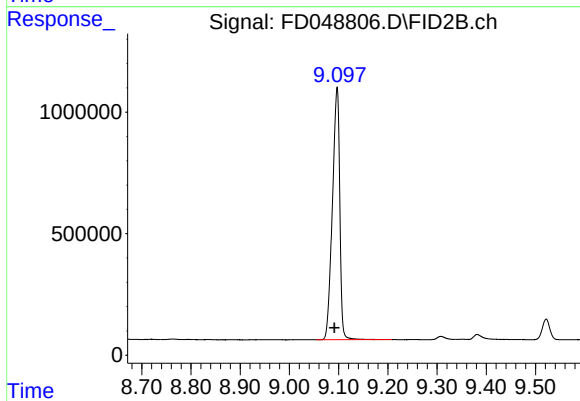
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.218 min
Delta R.T.: 0.000 min
Response: 5777283
Conc: 50.16 ug/ml



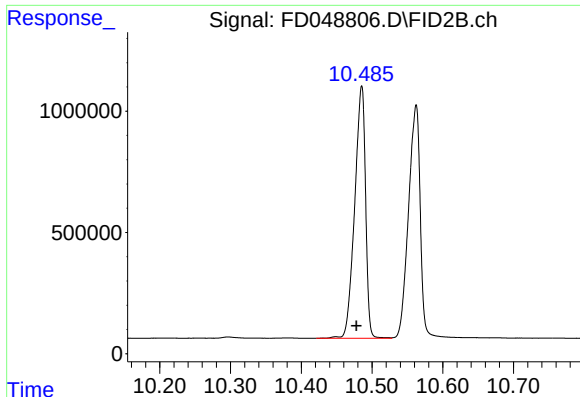
#7 Acenaphthene (C15.5)

R.T.: 8.317 min
Delta R.T.: 0.006 min
Response: 10485836
Conc: 54.52 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.096 min
Delta R.T.: 0.005 min
Response: 10753423
Conc: 56.05 ug/ml



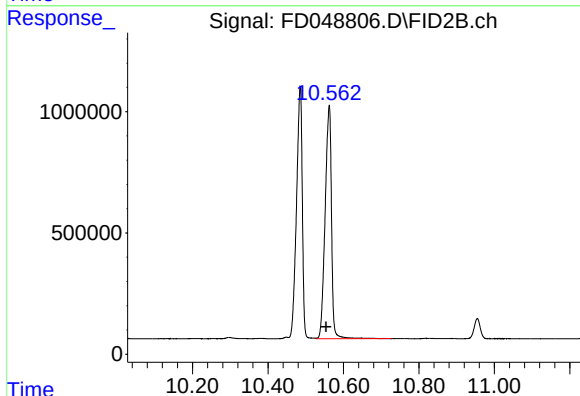
#9 Phenanthrene (C19.36)

R.T.: 10.485 min
Delta R.T.: 0.007 min
Response: 11109879
Conc: 60.61 ug/ml

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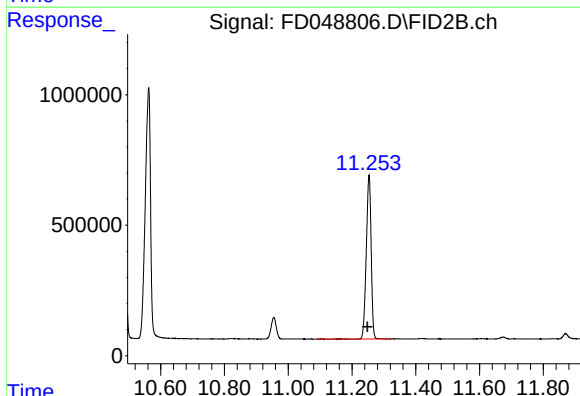
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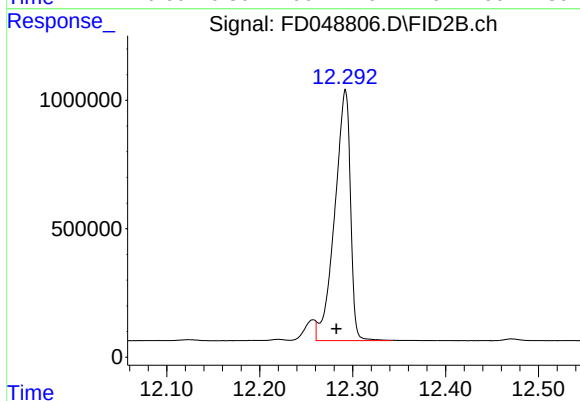
#10 Anthracene (C19.43)

R.T.: 10.561 min
Delta R.T.: 0.007 min
Response: 11232986
Conc: 59.98 ug/ml



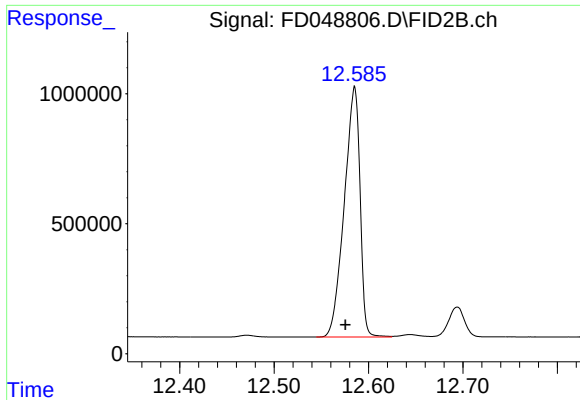
#11 ortho-Terphenyl (SURR)

R.T.: 11.253 min
Delta R.T.: 0.005 min
Response: 6648422
Conc: 34.57 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.292 min
Delta R.T.: 0.009 min
Response: 11437244
Conc: 62.46 ug/ml m



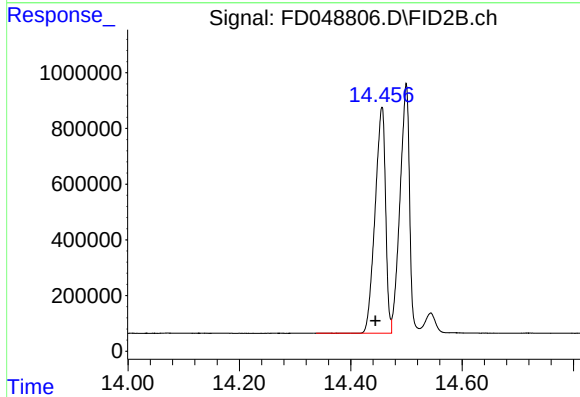
#13 Pyrene (C20.8)

R.T.: 12.585 min
Delta R.T.: 0.009 min
Response: 11150305
Conc: 61.67 ug/ml

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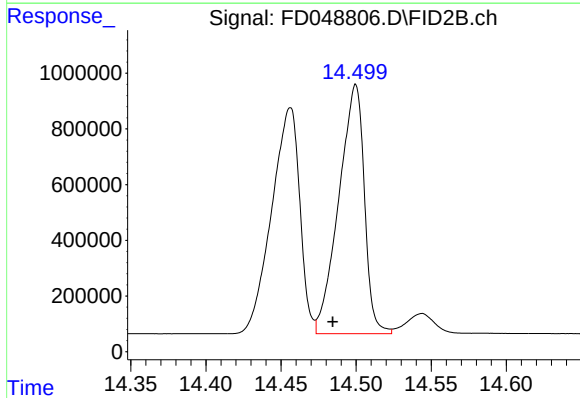
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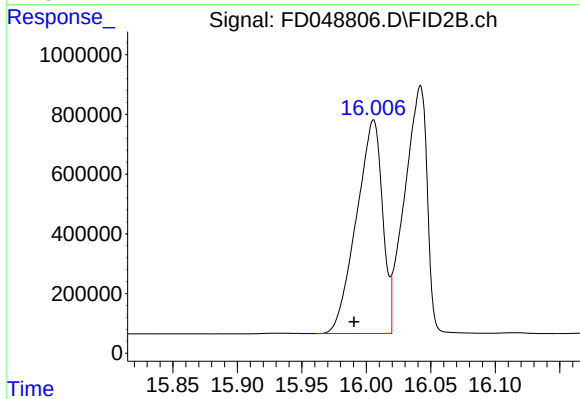
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.455 min
Delta R.T.: 0.011 min
Response: 10614767
Conc: 64.53 ug/ml



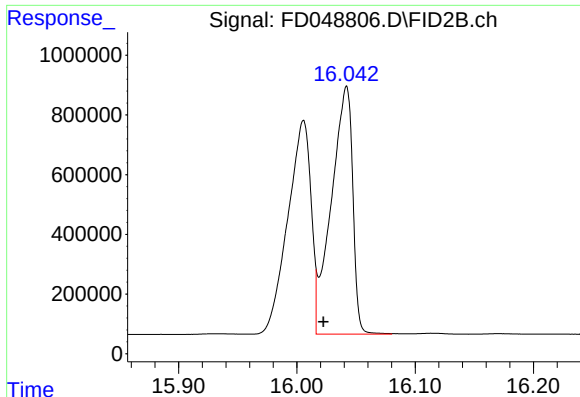
#15 Chrysene (C27.41)

R.T.: 14.499 min
Delta R.T.: 0.015 min
Response: 10598964
Conc: 60.56 ug/ml



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

R.T.: 16.005 min
Delta R.T.: 0.014 min
Response: 10091085
Conc: 64.23 ug/ml



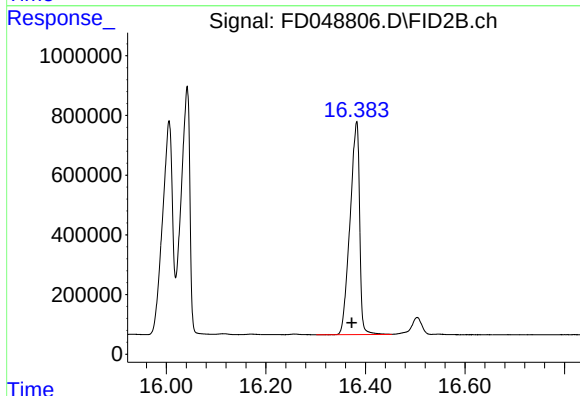
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.042 min
Delta R.T.: 0.019 min
Response: 10418164
Conc: 63.84 ug/ml

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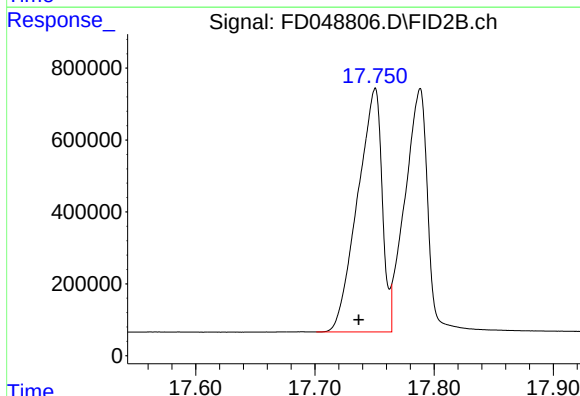
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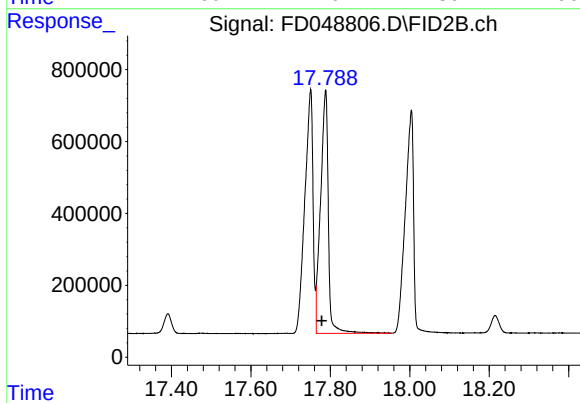
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.381 min
Delta R.T.: 0.009 min
Response: 9535336
Conc: 63.95 ug/ml



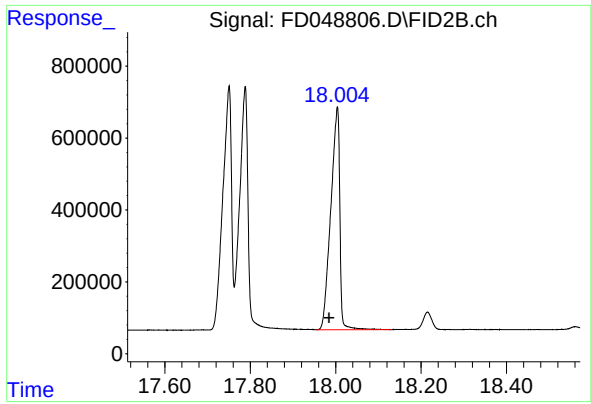
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.750 min
Delta R.T.: 0.013 min
Response: 9706249
Conc: 78.57 ug/ml



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

R.T.: 17.787 min
Delta R.T.: 0.009 min
Response: 9160239
Conc: 58.41 ug/ml



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

R.T.: 18.003 min
Delta R.T.: 0.019 min
Response: 9060212
Conc: 63.50 ug/ml

Instrument :

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