

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111324AR\
 Data File : FD048718.D
 Signal(s) : FID2B.ch
 Acq On : 13 Nov 2024 17:15
 Operator : YP/AJ
 Sample : PB164943BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB164943BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :Ankita Jodhani 11/14/2024

Integration File: autoint1.e
 Quant Time: Nov 14 01:45:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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	7937055	52.294 ug/ml
Spiked Amount 50.000		Recovery =	104.59%
6) S 2-Fluorobiphenyl (SURR)	8.216	4923413	50.141 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.28%
11) S ortho-Terphenyl (SURR)	11.251	7869360	46.198 ug/ml
Spiked Amount 50.000		Recovery =	92.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.189	5700417	32.766 ug/mlm
2) T Naphthalene (C11.7)	5.707	6578880	36.870 ug/ml
3) T 2-Methylnaphthalene (...)	6.753	6498291	36.331 ug/ml
5) T Acenaphthylene (C15.06)	8.020	7626059	43.431 ug/ml
7) T Acenaphthene (C15.5)	8.315	8041877	45.341 ug/ml
8) T Fluorene (C16.55)	9.093	8103104	47.937 ug/ml
9) T Phenanthrene (C19.36)	10.480	8138915	49.235 ug/ml
10) T Anthracene (C19.43)	10.556	8210799	51.346 ug/ml
12) T Fluoranthene (C21.85)	12.285	8171229	49.650 ug/mlm
13) T Pyrene (C20.8)	12.577	8082919	50.180 ug/ml
14) T Benzo[a]anthracene (C...	14.447	7686996	52.573 ug/ml
15) T Chrysene (C27.41)	14.490	7578158	46.070 ug/ml
16) T benzo[b]fluoranthene ...	15.995	7691087	50.590 ug/ml
17) T Bnezo[k]fluoranthene ...	16.029	7628545	50.754 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.371	7461219	49.578 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.738	7648388	58.618 ug/ml
20) T Dibenz[a,h]anthracene...	17.775	7283963	44.760 ug/ml
21) T Benzo[g,h,i]perylene ...	17.990	7414112	48.429 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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QLast Update : Wed Oct 23 18:14:59 2024

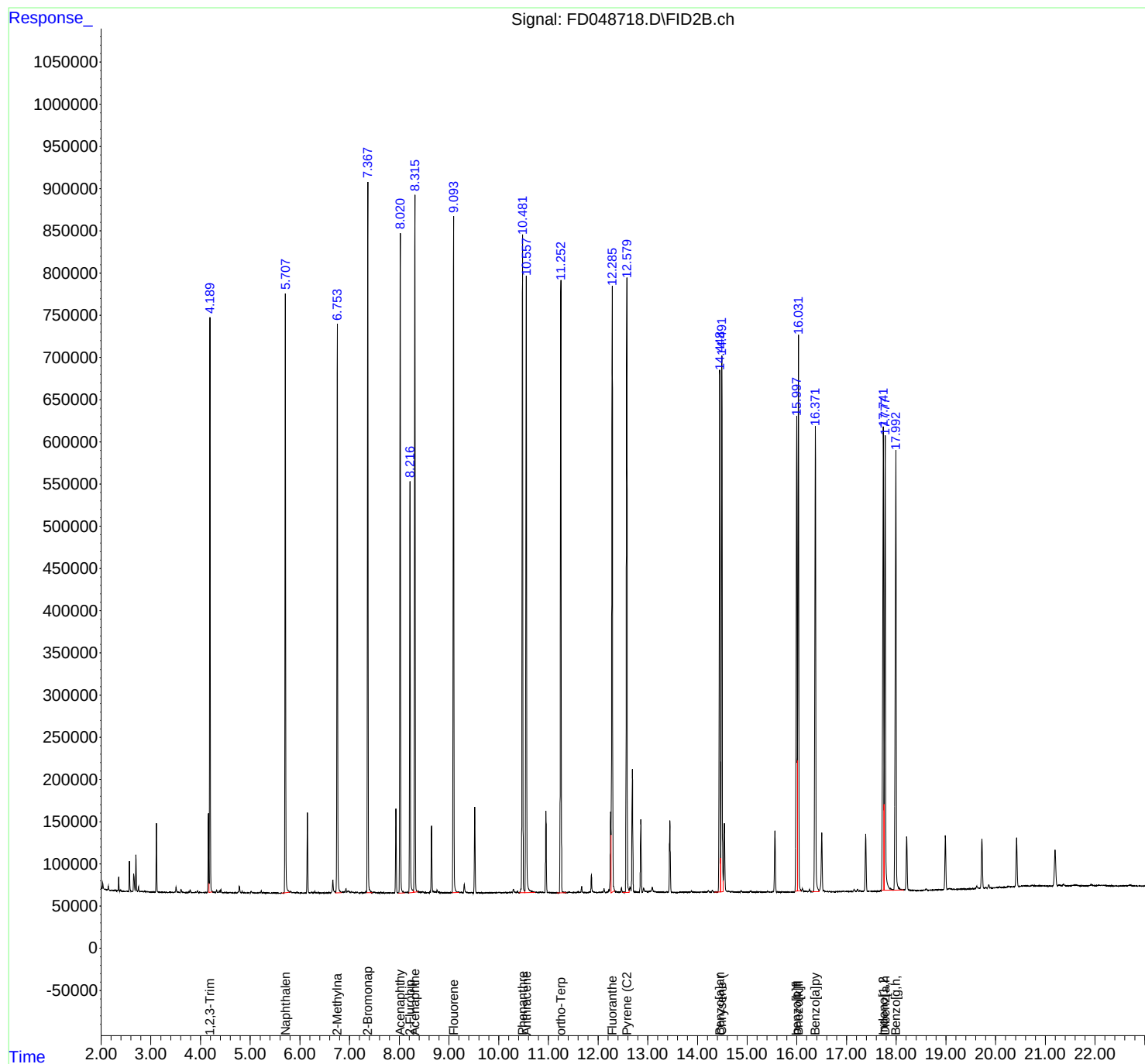
Response via : Initial Calibration

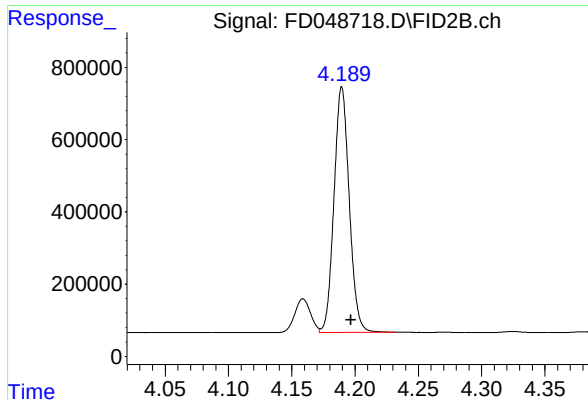
Integrator: ChemStation

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.: 4.189 min
Delta R.T.: -0.008 min
Response: 5700417
Conc: 32.77 ug/ml

Instrument :

FID_D

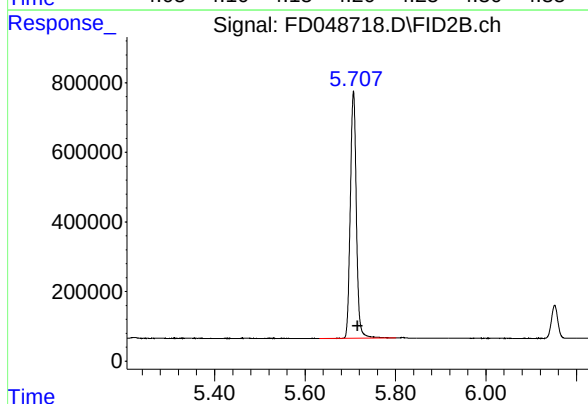
ClientSampleId :

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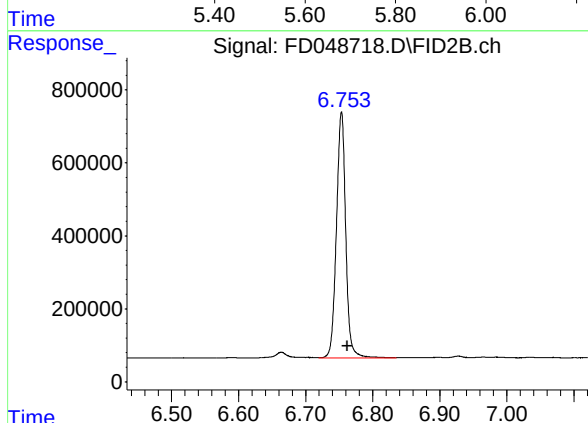
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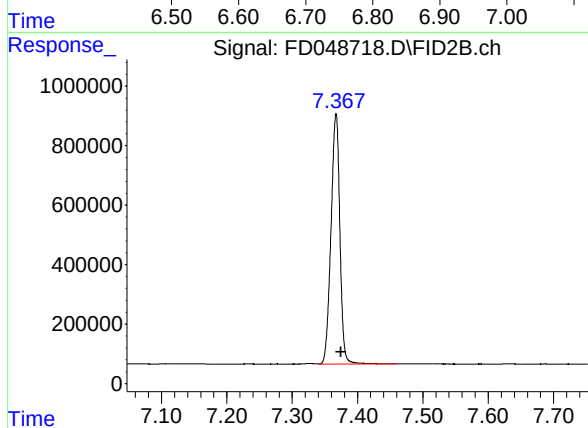
#2 Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: -0.009 min
Response: 6578880
Conc: 36.87 ug/ml



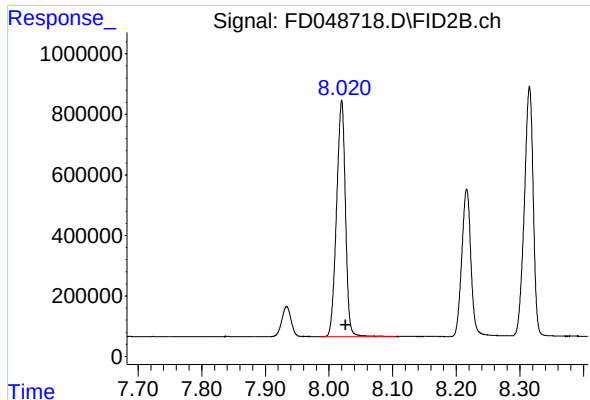
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.753 min
Delta R.T.: -0.009 min
Response: 6498291
Conc: 36.33 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min
Delta R.T.: -0.008 min
Response: 7937055
Conc: 52.29 ug/ml



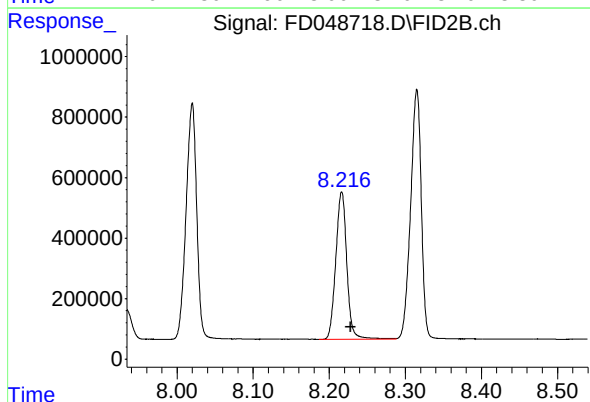
#5 Acenaphthylene (C15.06)

R.T.: 8.020 min
Delta R.T.: -0.007 min
Response: 7626059
Conc: 43.43 ug/ml

Instrument :
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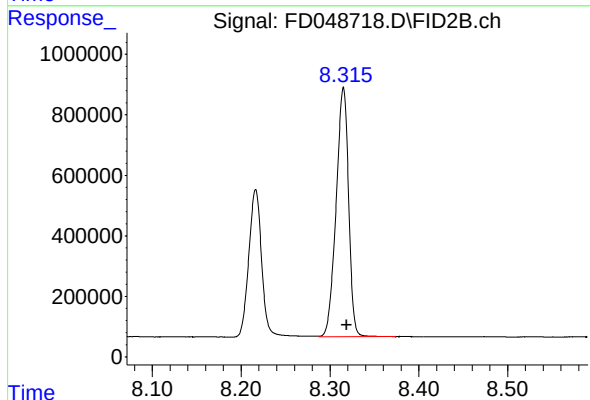
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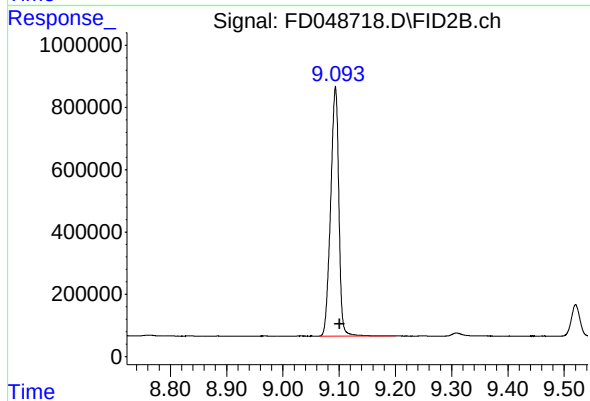
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.216 min
Delta R.T.: -0.012 min
Response: 4923413
Conc: 50.14 ug/ml



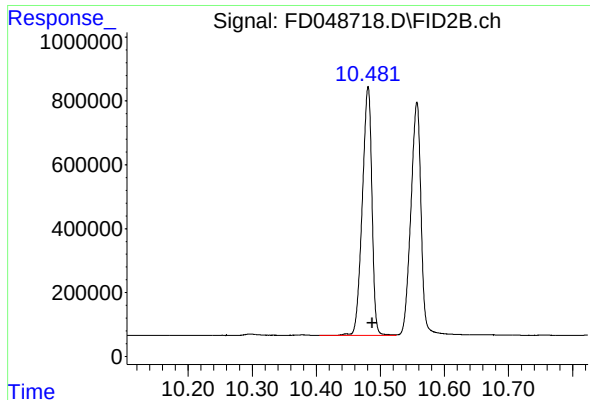
#7 Acenaphthene (C15.5)

R.T.: 8.315 min
Delta R.T.: -0.004 min
Response: 8041877
Conc: 45.34 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.093 min
Delta R.T.: -0.007 min
Response: 8103104
Conc: 47.94 ug/ml



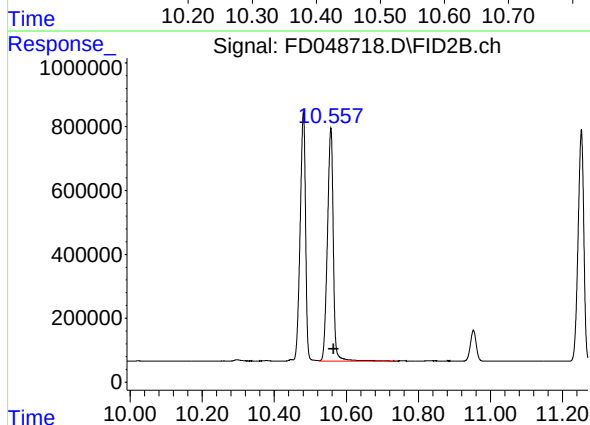
#9 Phenanthrene (C19.36)

R.T.: 10.480 min
Delta R.T.: -0.008 min
Response: 8138915
Conc: 49.24 ug/ml

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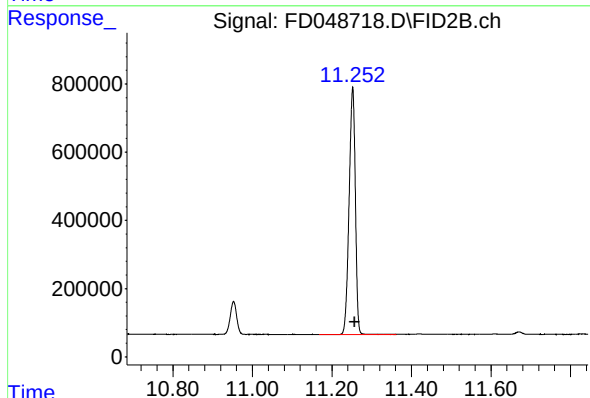
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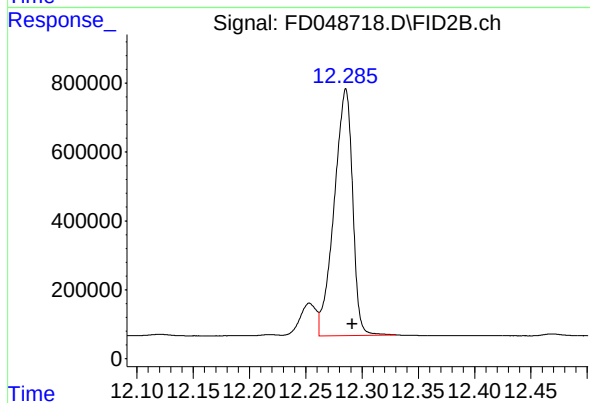
#10 Anthracene (C19.43)

R.T.: 10.556 min
Delta R.T.: -0.009 min
Response: 8210799
Conc: 51.35 ug/ml



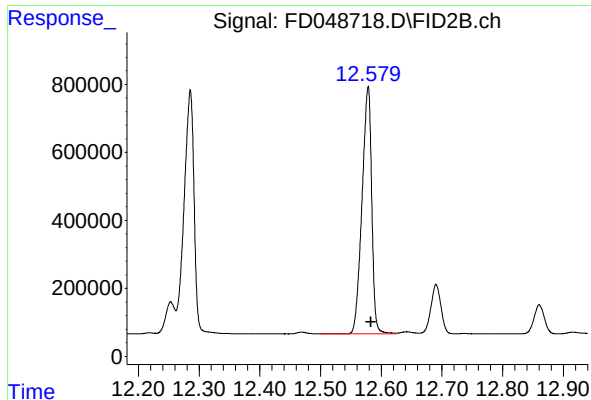
#11 ortho-Terphenyl (SURR)

R.T.: 11.251 min
Delta R.T.: -0.005 min
Response: 7869360
Conc: 46.20 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.285 min
Delta R.T.: -0.006 min
Response: 8171229
Conc: 49.65 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.577 min
Delta R.T.: -0.006 min
Response: 8082919
Conc: 50.18 ug/ml

Instrument :

FID_D

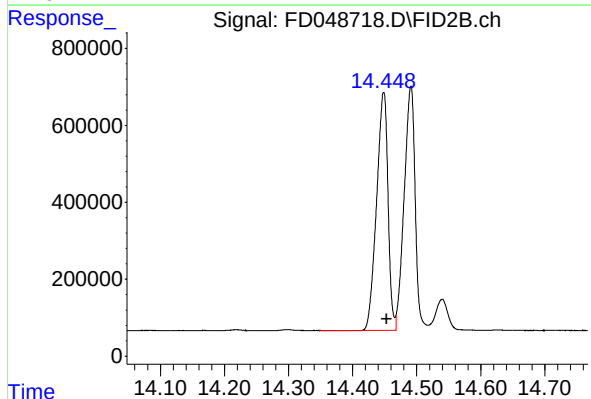
ClientSampleId :

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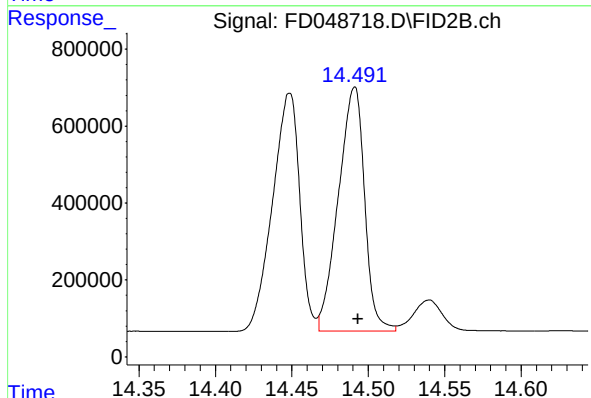
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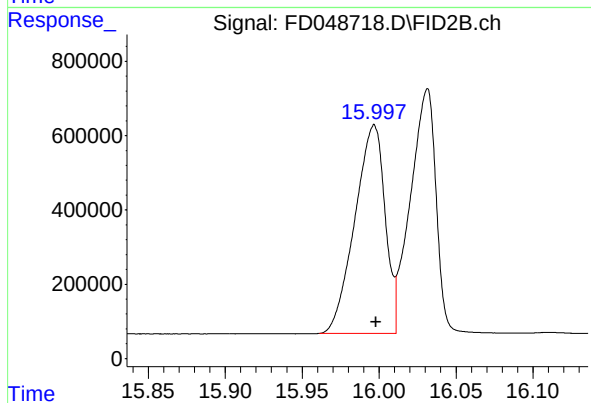
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.447 min
Delta R.T.: -0.006 min
Response: 7686996
Conc: 52.57 ug/ml



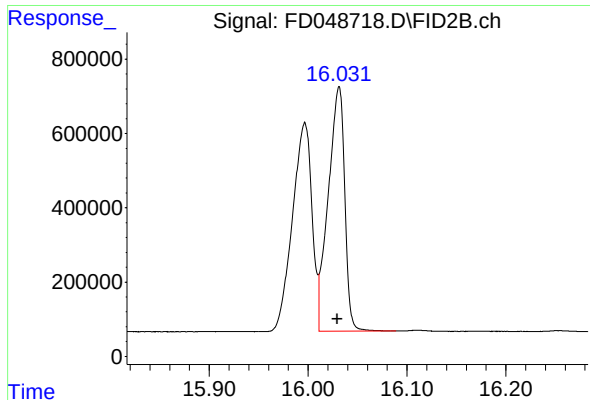
#15 Chrysene (C27.41)

R.T.: 14.490 min
Delta R.T.: -0.004 min
Response: 7578158
Conc: 46.07 ug/ml



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

R.T.: 15.995 min
Delta R.T.: -0.003 min
Response: 7691087
Conc: 50.59 ug/ml



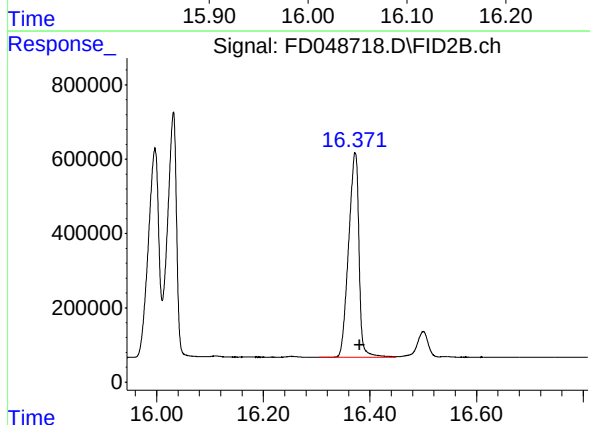
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.029 min
Delta R.T.: 0.000 min
Response: 7628545
Conc: 50.75 ug/ml

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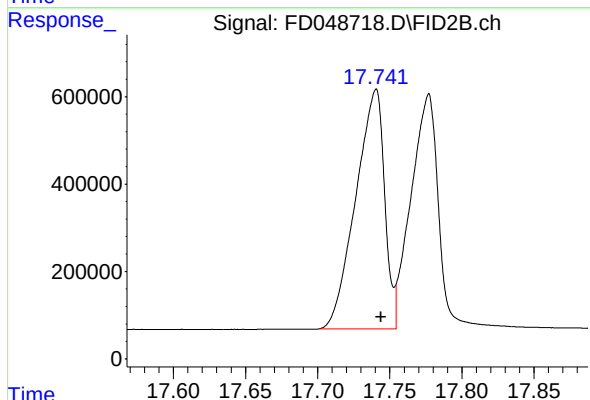
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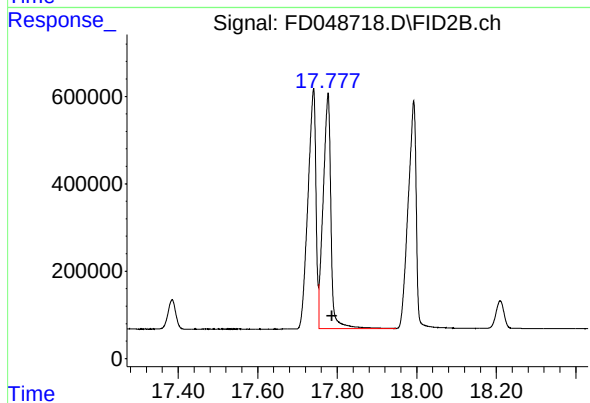
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min
Delta R.T.: -0.010 min
Response: 7461219
Conc: 49.58 ug/ml



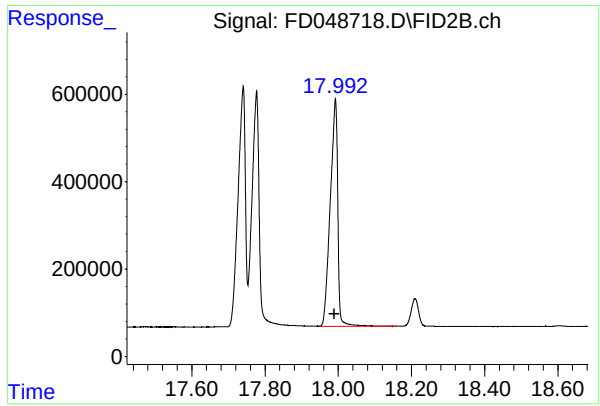
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.738 min
Delta R.T.: -0.006 min
Response: 7648388
Conc: 58.62 ug/ml



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

R.T.: 17.775 min
Delta R.T.: -0.012 min
Response: 7283963
Conc: 44.76 ug/ml



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

R.T.: 17.990 min
Delta R.T.: 0.000 min
Response: 7414112
Conc: 48.43 ug/ml

Instrument :

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