

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121124AR\
 Data File : FD048875.D
 Signal(s) : FID2B.ch
 Acq On : 11 Dec 2024 21:20
 Operator : YP/AJ
 Sample : PB165557BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB165557BSD

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 04:28:59 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	8361439	49.642 ug/ml
Spiked Amount 50.000		Recovery =	99.28%
6) S 2-Fluorobiphenyl (SURR)	8.214	5171241	50.057 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.11%
11) S ortho-Terphenyl (SURR)	11.250	8262269	46.506 ug/ml
Spiked Amount 50.000		Recovery =	93.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	5311938	28.056 ug/ml
2) T Naphthalene (C11.7)	5.704	6514050	34.090 ug/ml
3) T 2-Methylnaphthalene (...)	6.751	6646031	35.967 ug/ml
5) T Acenaphthylene (C15.06)	8.017	7323686	39.241 ug/ml
7) T Acenaphthene (C15.5)	8.311	7952314	42.700 ug/ml
8) T Flouorene (C16.55)	9.090	8020016	44.882 ug/ml
9) T Phenanthrene (C19.36)	10.478	8002917	47.914 ug/ml
10) T Anthracene (C19.43)	10.554	8086147	47.643 ug/ml
12) T Fluoranthene (C21.85)	12.284	8180351	49.976 ug/mlm
13) T Pyrene (C20.8)	12.577	8549404	52.565 ug/ml
14) T Benzo[a]anthracene (C...	14.447	7331570	55.496 ug/ml
15) T Chrysene (C27.41)	14.489	7355273	45.560 ug/ml
16) T benzo[b]fluoranthene ...	15.996	7164634	53.218 ug/ml
17) T Bnezo[k]fluoranthene ...	16.030	7133556	46.833 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.371	6813102	49.260 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.739	6797799	63.787 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	6752781	46.562 ug/ml
21) T Benzo[g,h,i]perylene ...	17.990	6540782	46.651 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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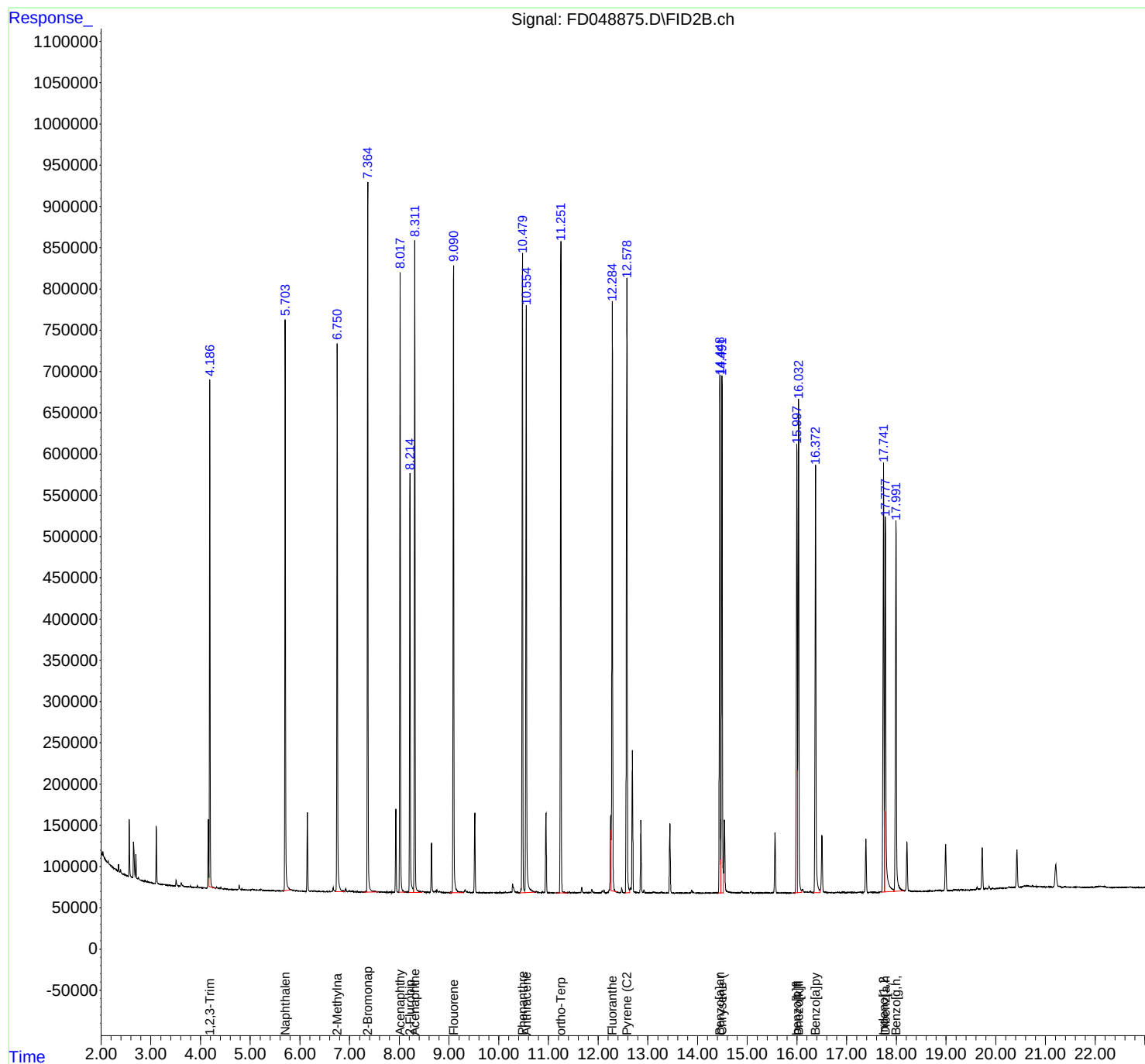
Instrument :
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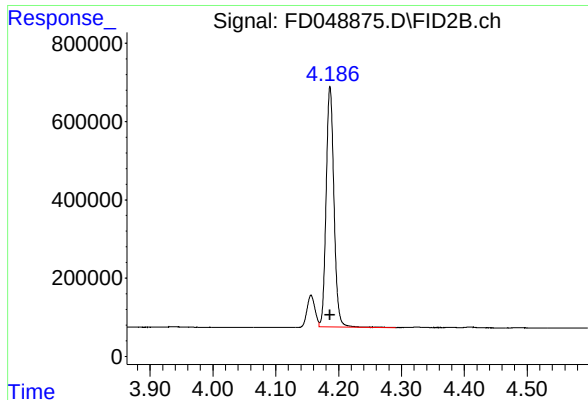
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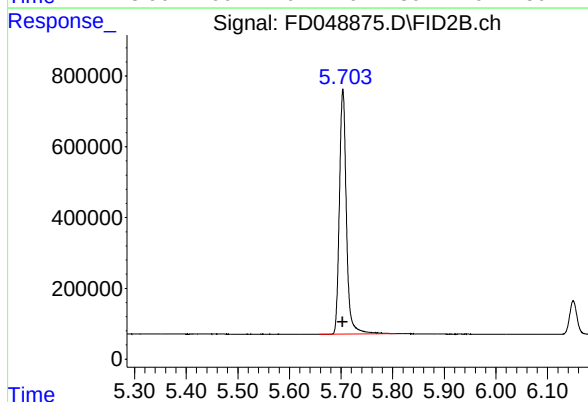
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.187 min
Delta R.T.: 0.000 min
Response: 5311938
Conc: 28.06 ug/ml

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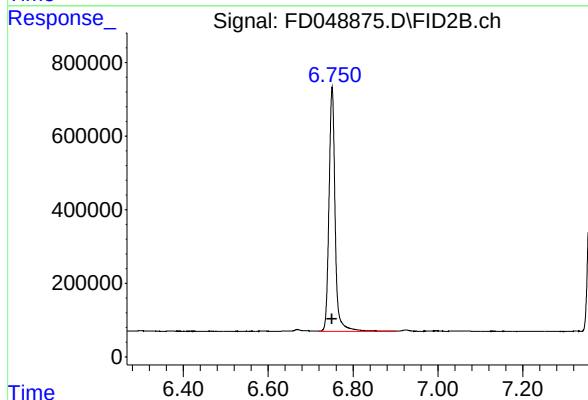
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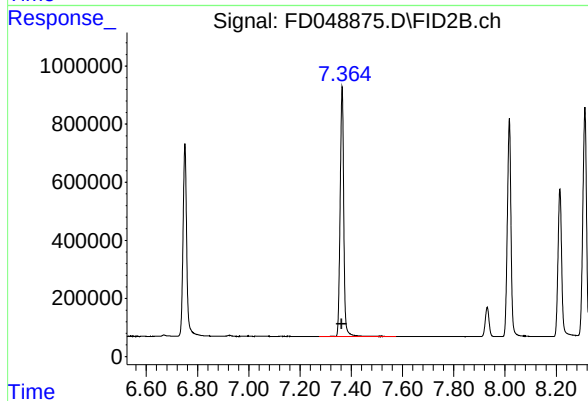
#2 Naphthalene (C11.7)

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 6514050
Conc: 34.09 ug/ml



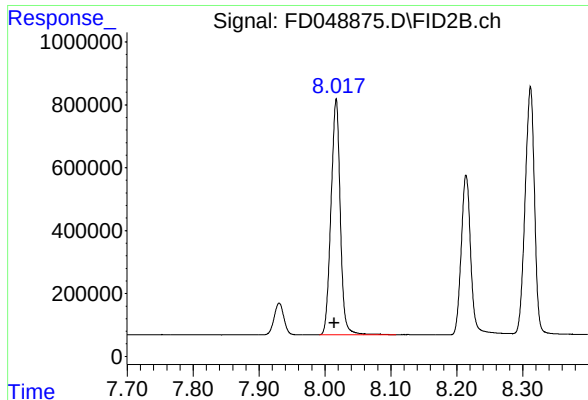
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 6646031
Conc: 35.97 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.364 min
Delta R.T.: 0.002 min
Response: 8361439
Conc: 49.64 ug/ml



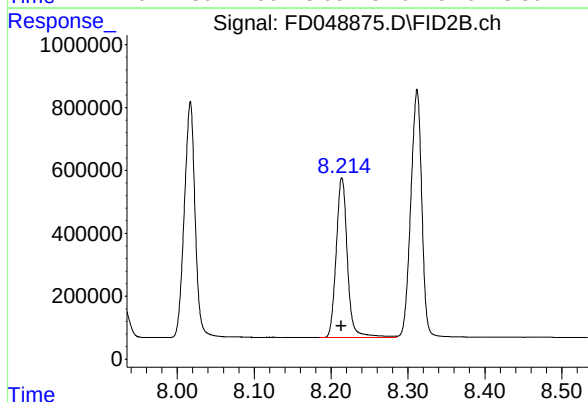
#5 Acenaphthylene (C15.06)

R.T.: 8.017 min
Delta R.T.: 0.002 min
Response: 7323686
Conc: 39.24 ug/ml

Instrument :
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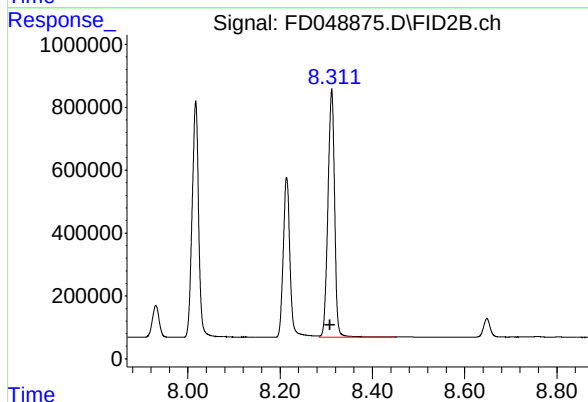
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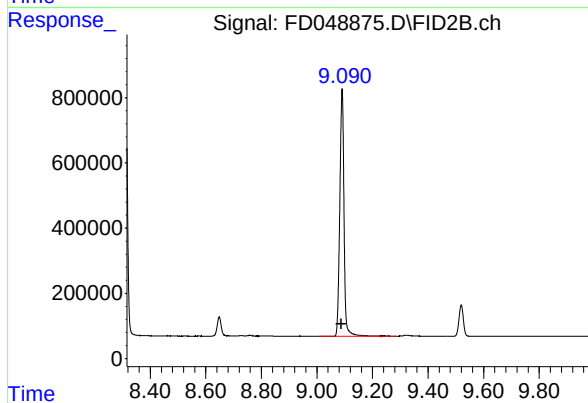
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min
Delta R.T.: 0.001 min
Response: 5171241
Conc: 50.06 ug/ml



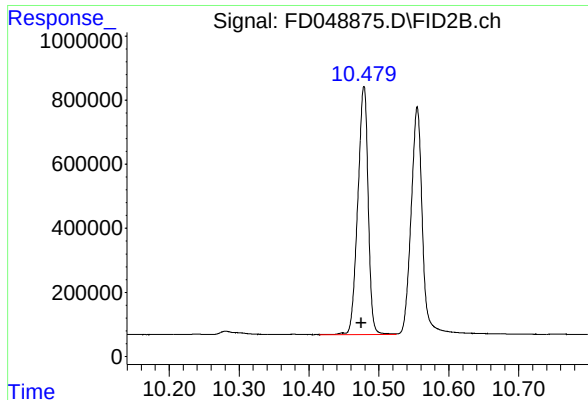
#7 Acenaphthene (C15.5)

R.T.: 8.311 min
Delta R.T.: 0.003 min
Response: 7952314
Conc: 42.70 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.090 min
Delta R.T.: 0.002 min
Response: 8020016
Conc: 44.88 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.478 min
Delta R.T.: 0.003 min
Response: 8002917
Conc: 47.91 ug/ml

Instrument :

FID_D

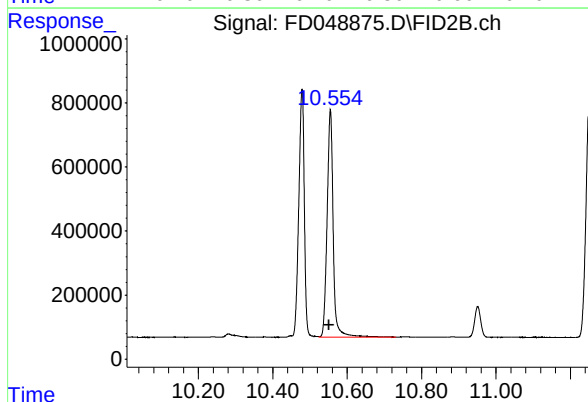
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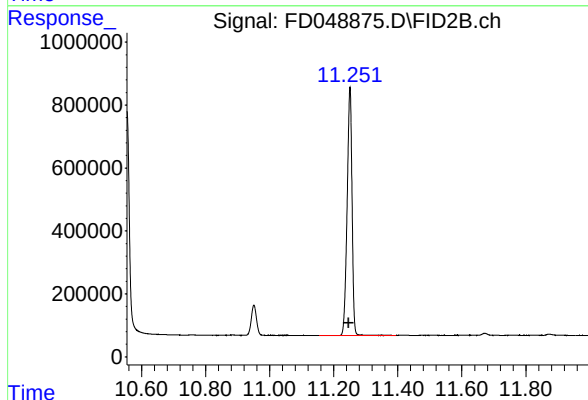
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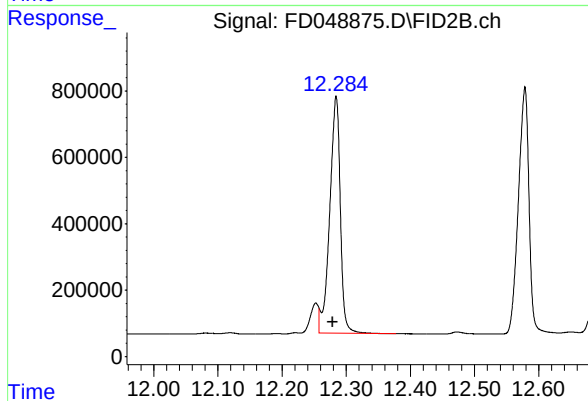
#10 Anthracene (C19.43)

R.T.: 10.554 min
Delta R.T.: 0.003 min
Response: 8086147
Conc: 47.64 ug/ml



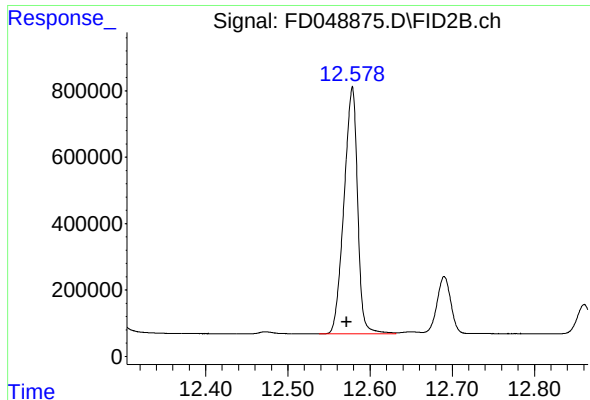
#11 ortho-Terphenyl (SURR)

R.T.: 11.250 min
Delta R.T.: 0.003 min
Response: 8262269
Conc: 46.51 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.284 min
Delta R.T.: 0.005 min
Response: 8180351
Conc: 49.98 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.577 min
Delta R.T.: 0.005 min
Response: 8549404
Conc: 52.57 ug/ml

Instrument :

FID_D

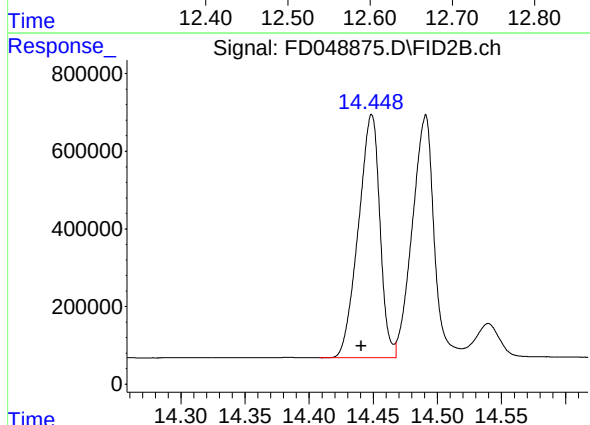
ClientSampleId :

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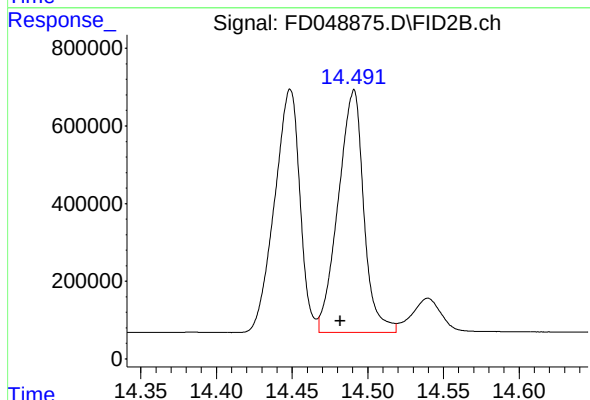
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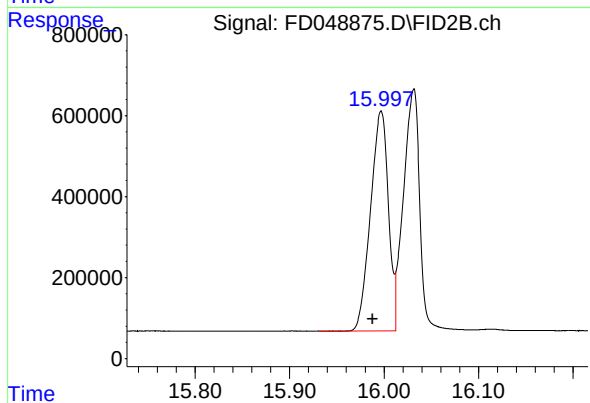
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.447 min
Delta R.T.: 0.007 min
Response: 7331570
Conc: 55.50 ug/ml



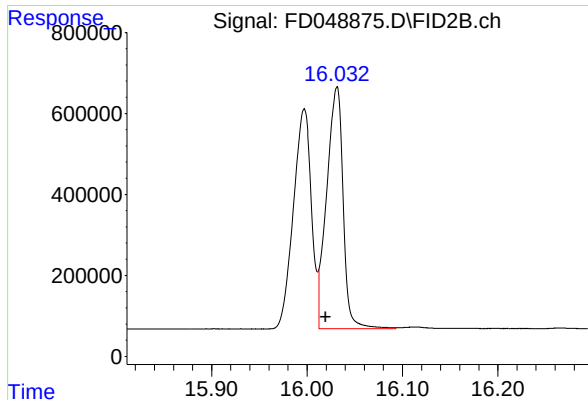
#15 Chrysene (C27.41)

R.T.: 14.489 min
Delta R.T.: 0.008 min
Response: 7355273
Conc: 45.56 ug/ml



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

R.T.: 15.996 min
Delta R.T.: 0.008 min
Response: 7164634
Conc: 53.22 ug/ml



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

R.T.: 16.030 min
Delta R.T.: 0.010 min
Response: 7133556
Conc: 46.83 ug/ml

Instrument :

FID_D

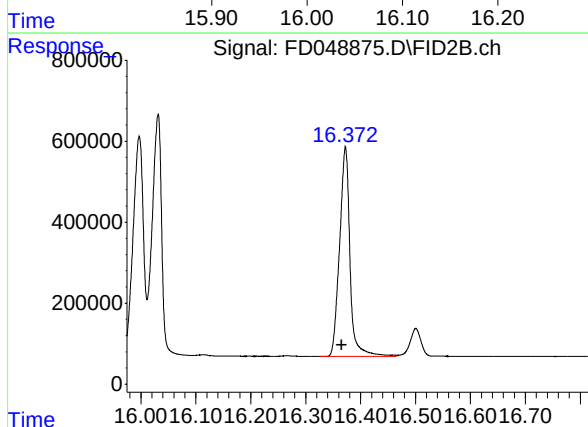
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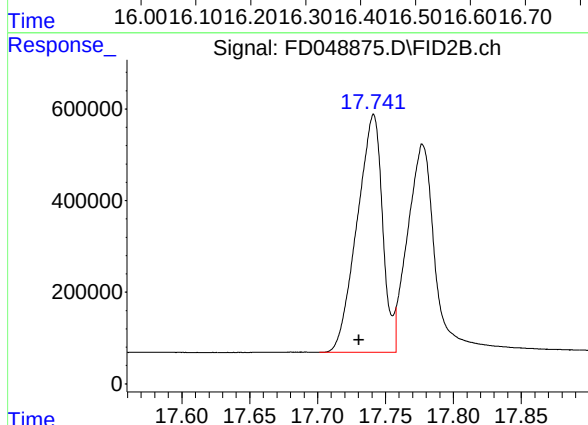
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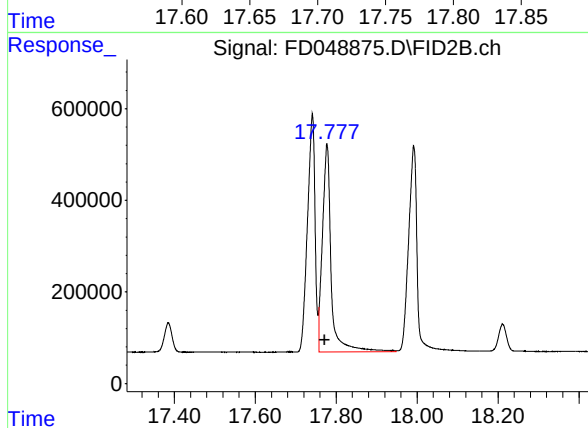
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min
Delta R.T.: 0.005 min
Response: 6813102
Conc: 49.26 ug/ml



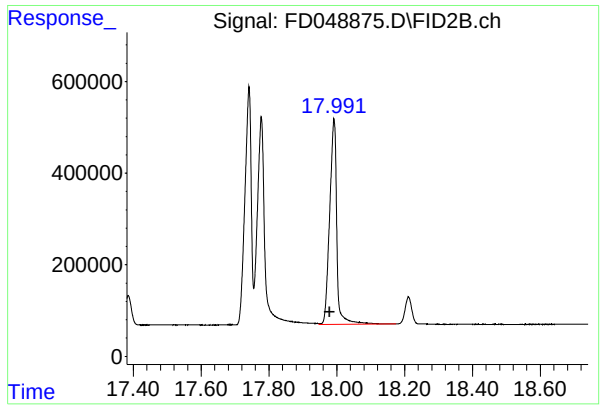
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.739 min
Delta R.T.: 0.009 min
Response: 6797799
Conc: 63.79 ug/ml



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

R.T.: 17.776 min
Delta R.T.: 0.005 min
Response: 6752781
Conc: 46.56 ug/ml



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

R.T.: 17.990 min
Delta R.T.: 0.011 min
Response: 6540782
Conc: 46.65 ug/ml

Instrument :

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