

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111824AR\
 Data File : FD048767.D
 Signal(s) : FID2B.ch
 Acq On : 18 Nov 2024 16:03
 Operator : YP/AJ
 Sample : PB165032BS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB165032BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :Ankita Jodhani 11/19/2024

Integration File: sample.E

Quant Time: Nov 19 05:56:05 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	8116373	46.100 ug/ml
Spiked Amount 50.000		Recovery =	92.20%
6) S 2-Fluorobiphenyl (SURR)	8.217	4810184	41.766 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.53%
11) S ortho-Terphenyl (SURR)	11.254	7565444	39.335 ug/ml
Spiked Amount 50.000		Recovery =	78.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.191	6776592	35.957 ug/ml
2) T Naphthalene (C11.7)	5.707	8096022	41.396 ug/ml
3) T 2-Methylnaphthalene (...)	6.754	7937438	41.534 ug/ml
5) T Acenaphthylene (C15.06)	8.021	9048934	46.662 ug/ml
7) T Acenaphthene (C15.5)	8.317	9416523	48.956 ug/ml
8) T Flouorene (C16.55)	9.095	9287223	48.408 ug/ml
9) T Phenanthrene (C19.36)	10.483	9151486	49.925 ug/ml
10) T Anthracene (C19.43)	10.560	9193681	49.093 ug/ml
12) T Fluoranthene (C21.85)	12.289	9152055	49.978 ug/mlm
13) T Pyrene (C20.8)	12.583	8960843	49.564 ug/ml
14) T Benzo[a]anthracene (C...	14.453	8425160	51.216 ug/ml
15) T Chrysene (C27.41)	14.496	8326129	47.574 ug/ml
16) T benzo[b]fluoranthene ...	16.001	8027372	51.091 ug/ml
17) T Bnezo[k]fluoranthene ...	16.036	7963511	48.797 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.377	7583422	50.862 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.744	7431556	60.160 ug/ml
20) T Dibenz[a,h]anthracene...	17.781	7116213	45.380 ug/ml
21) T Benzo[g,h,i]perylene ...	17.996	7152340	50.126 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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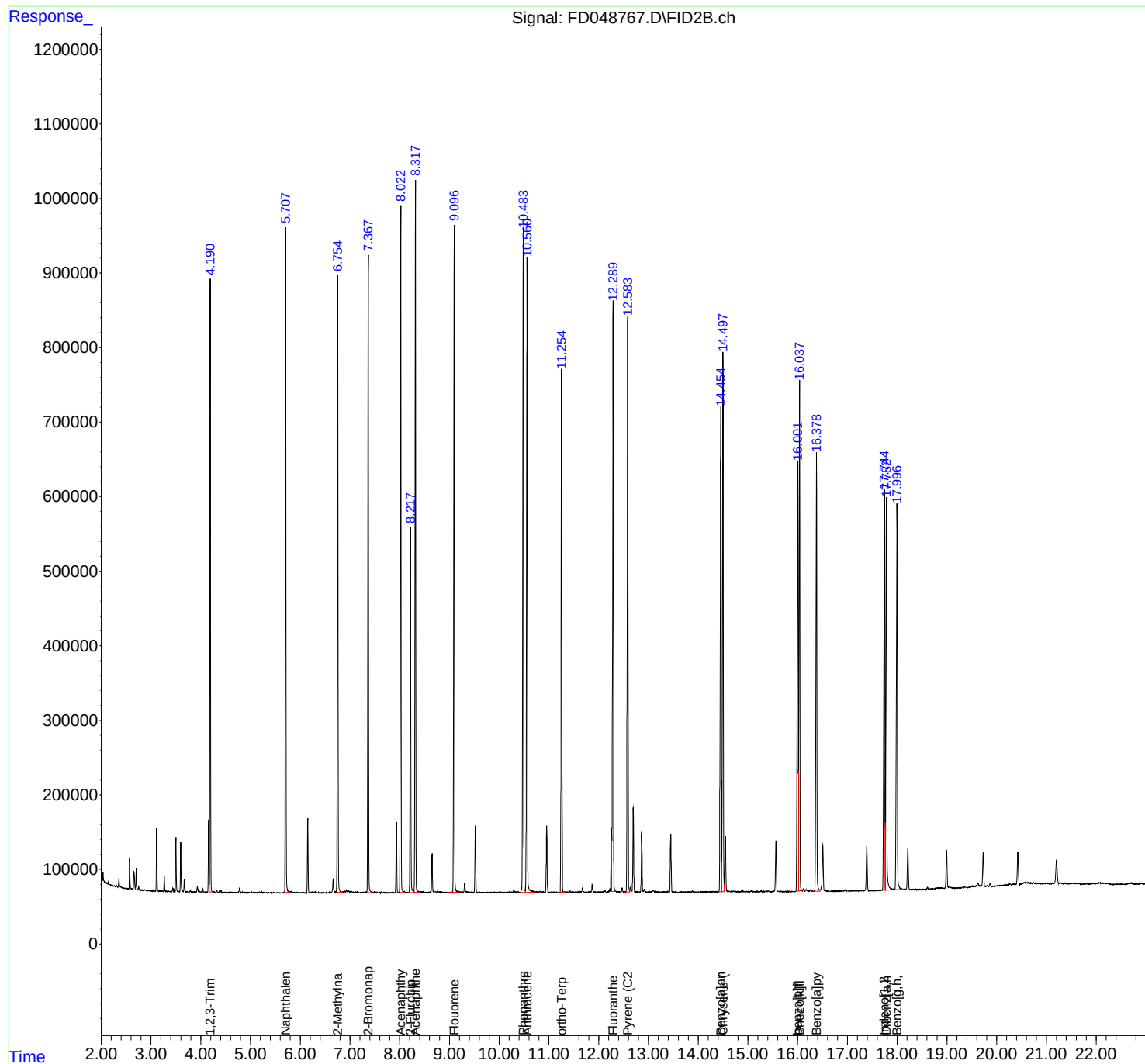
Response via : Initial Calibration

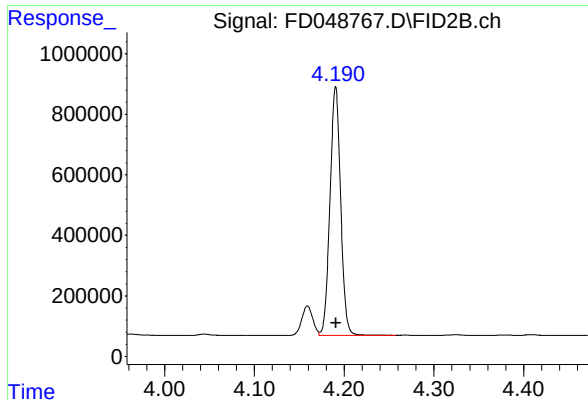
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Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





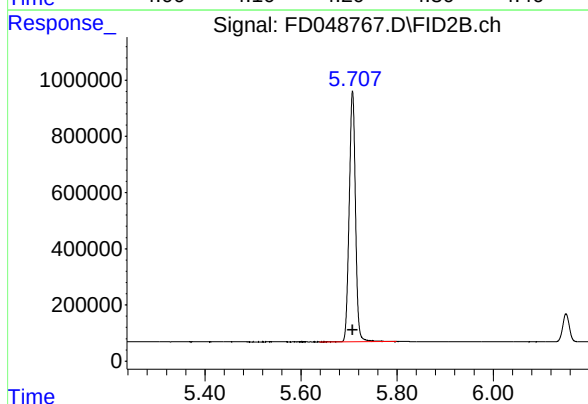
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.191 min
Delta R.T.: 0.000 min
Response: 6776592
Conc: 35.96 ug/ml

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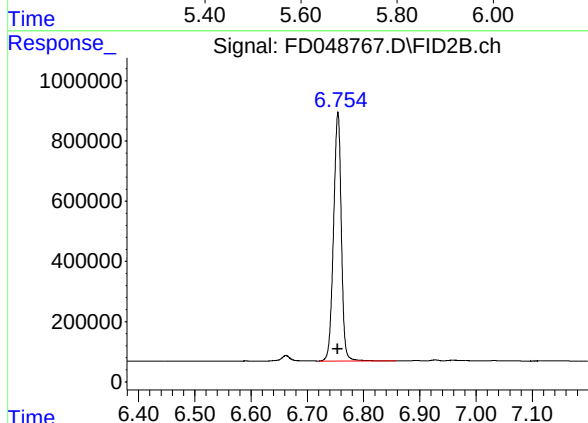
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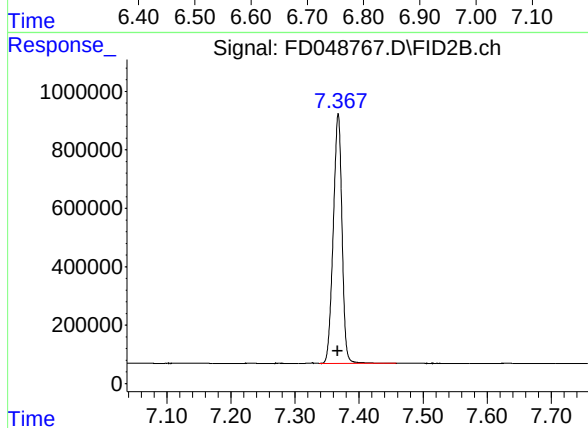
#2 Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 8096022
Conc: 41.40 ug/ml



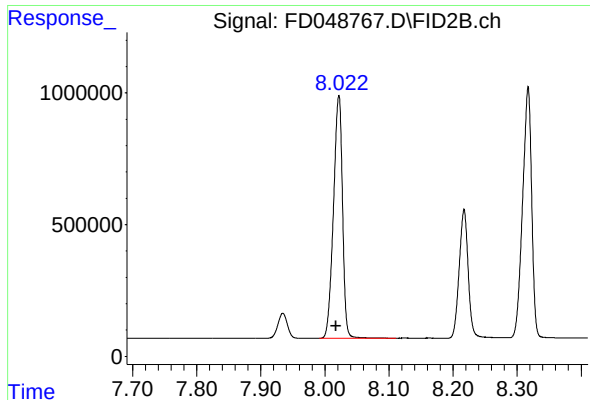
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 7937438
Conc: 41.53 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 8116373
Conc: 46.10 ug/ml



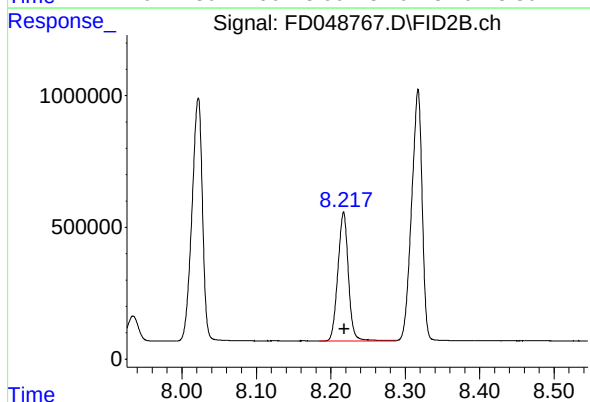
#5 Acenaphthylene (C15.06)

R.T.: 8.021 min
Delta R.T.: 0.004 min
Response: 9048934
Conc: 46.66 ug/ml

Instrument :
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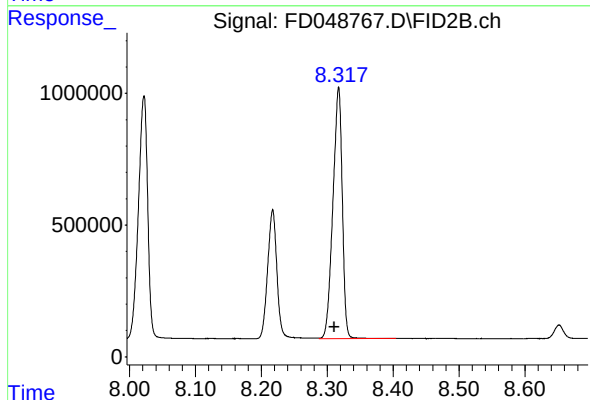
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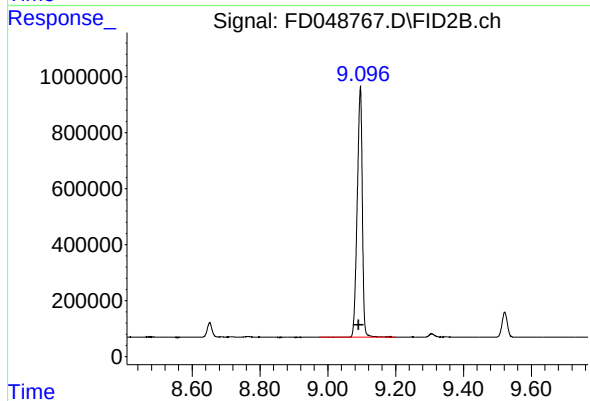
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.217 min
Delta R.T.: -0.001 min
Response: 4810184
Conc: 41.77 ug/ml



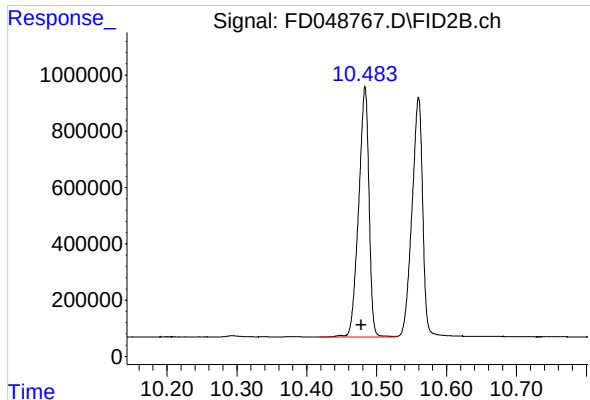
#7 Acenaphthene (C15.5)

R.T.: 8.317 min
Delta R.T.: 0.006 min
Response: 9416523
Conc: 48.96 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.095 min
Delta R.T.: 0.004 min
Response: 9287223
Conc: 48.41 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.483 min
Delta R.T.: 0.005 min
Response: 9151486
Conc: 49.93 ug/ml

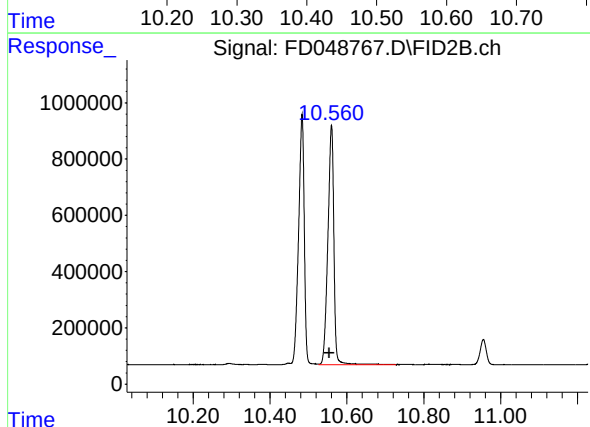
Instrument :

FID_D

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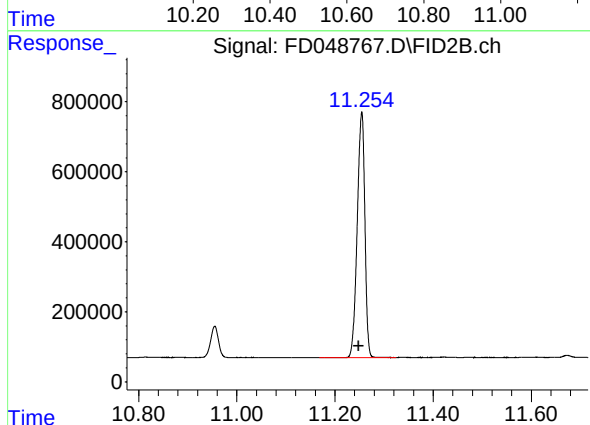
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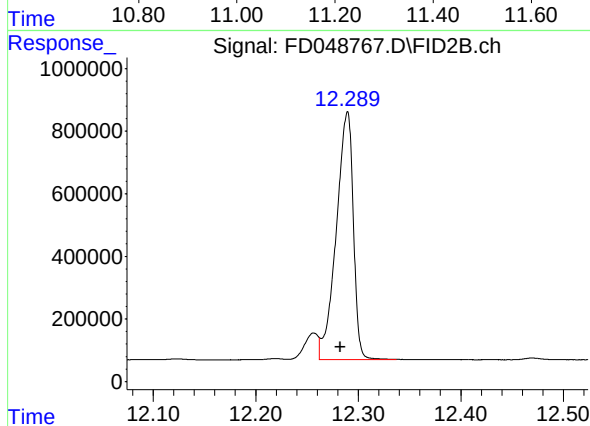
#10 Anthracene (C19.43)

R.T.: 10.560 min
Delta R.T.: 0.005 min
Response: 9193681
Conc: 49.09 ug/ml



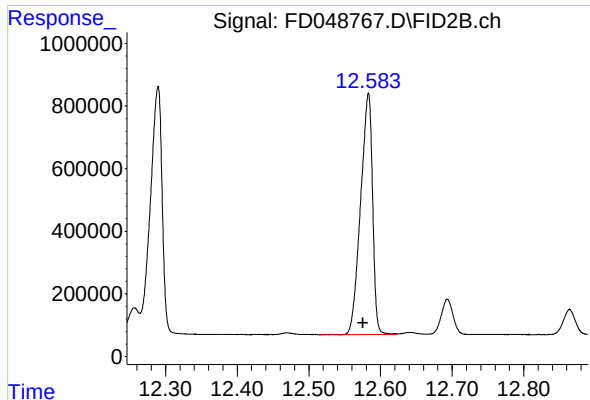
#11 ortho-Terphenyl (SURR)

R.T.: 11.254 min
Delta R.T.: 0.006 min
Response: 7565444
Conc: 39.33 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.289 min
Delta R.T.: 0.007 min
Response: 9152055
Conc: 49.98 ug/ml m



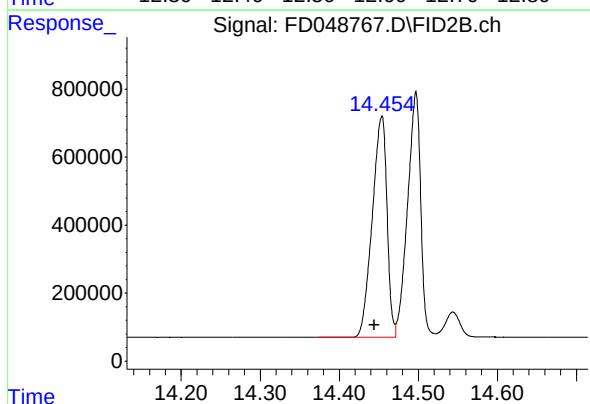
#13 Pyrene (C20.8)

R.T.: 12.583 min
Delta R.T.: 0.007 min
Response: 8960843
Conc: 49.56 ug/ml

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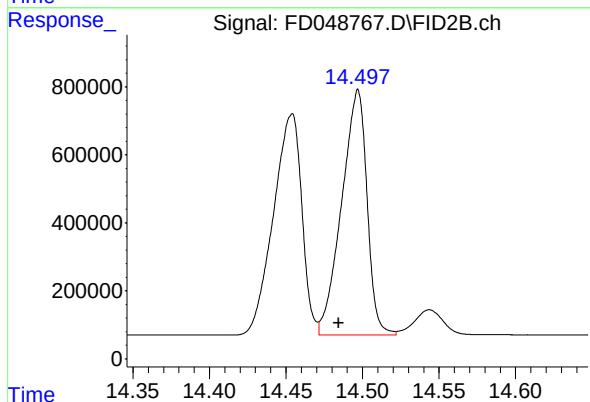
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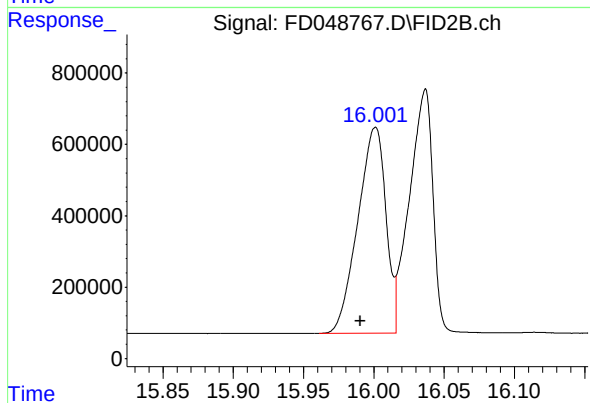
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.453 min
Delta R.T.: 0.009 min
Response: 8425160
Conc: 51.22 ug/ml



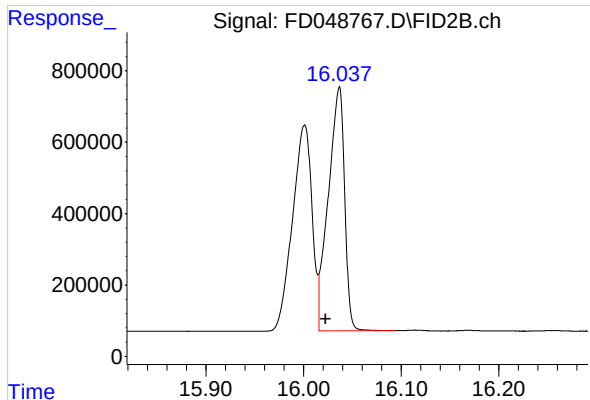
#15 Chrysene (C27.41)

R.T.: 14.496 min
Delta R.T.: 0.012 min
Response: 8326129
Conc: 47.57 ug/ml



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

R.T.: 16.001 min
Delta R.T.: 0.010 min
Response: 8027372
Conc: 51.09 ug/ml



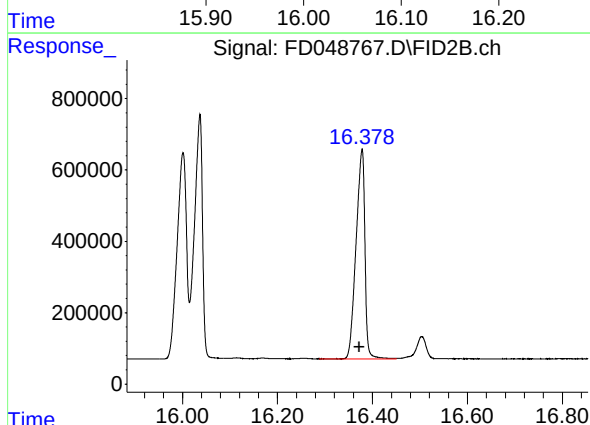
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.036 min
Delta R.T.: 0.013 min
Response: 7963511
Conc: 48.80 ug/ml

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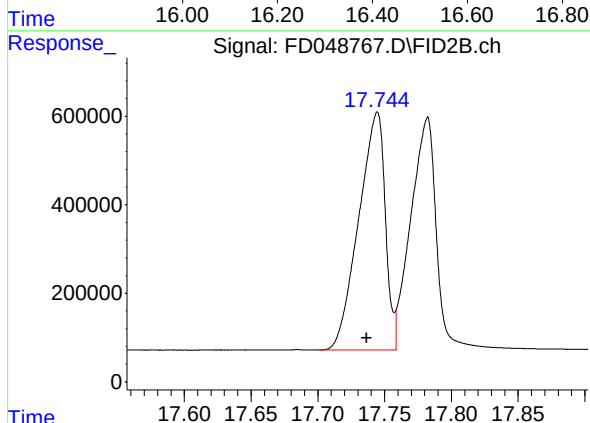
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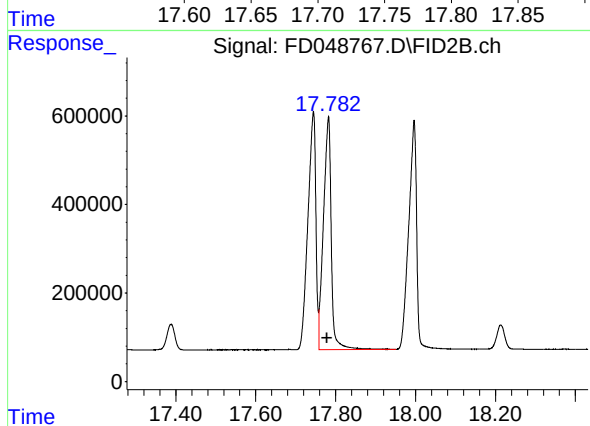
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.377 min
Delta R.T.: 0.005 min
Response: 7583422
Conc: 50.86 ug/ml



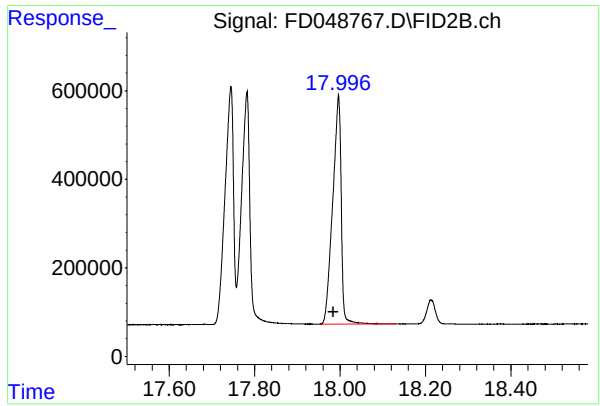
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.744 min
Delta R.T.: 0.007 min
Response: 7431556
Conc: 60.16 ug/ml



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

R.T.: 17.781 min
Delta R.T.: 0.003 min
Response: 7116213
Conc: 45.38 ug/ml



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

R.T.: 17.996 min
Delta R.T.: 0.012 min
Response: 7152340
Conc: 50.13 ug/ml

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