

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111124AR\
 Data File : FD048699.D
 Signal(s) : FID2B.ch
 Acq On : 11 Nov 2024 15:56
 Operator : YP/AJ
 Sample : PB164847BS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164847BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :Ankita Jodhani 11/12/2024

Integration File: autoint1.e

Quant Time: Nov 11 20:46:38 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...	7.370	7311826	48.174 ug/ml
Spiked Amount 50.000		Recovery =	96.35%
6) S 2-Fluorobiphenyl (SURR)	8.218	3737514	38.063 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.13%
11) S ortho-Terphenyl (SURR)	11.256	6906333	40.544 ug/ml
Spiked Amount 50.000		Recovery =	81.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.191	4198716	24.135 ug/mlm
2) T Naphthalene (C11.7)	5.709	5136931	28.789 ug/ml
3) T 2-Methylnaphthalene (...)	6.755	5031320	28.129 ug/ml
5) T Acenaphthylene (C15.06)	8.021	6036188	34.376 ug/ml
7) T Acenaphthene (C15.5)	8.316	6219519	35.067 ug/ml
8) T Flouorene (C16.55)	9.095	6395178	37.833 ug/ml
9) T Phenanthrene (C19.36)	10.483	6554307	39.650 ug/ml
10) T Anthracene (C19.43)	10.558	6492907	40.603 ug/ml
12) T Fluoranthene (C21.85)	12.288	6978772	42.404 ug/mlm
13) T Pyrene (C20.8)	12.581	6750132	41.906 ug/ml
14) T Benzo[a]anthracene (C...	14.451	6420224	43.909 ug/ml
15) T Chrysene (C27.41)	14.494	6549280	39.815 ug/ml
16) T benzo[b]fluoranthene ...	16.000	6486083	42.663 ug/ml
17) T Bnezo[k]fluoranthene ...	16.034	6702146	44.591 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.375	6261014	41.603 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.743	6276470	48.104 ug/ml
20) T Dibenz[a,h]anthracene...	17.780	6346574	38.999 ug/ml
21) T Benzo[g,h,i]perylene ...	17.994	6059040	39.578 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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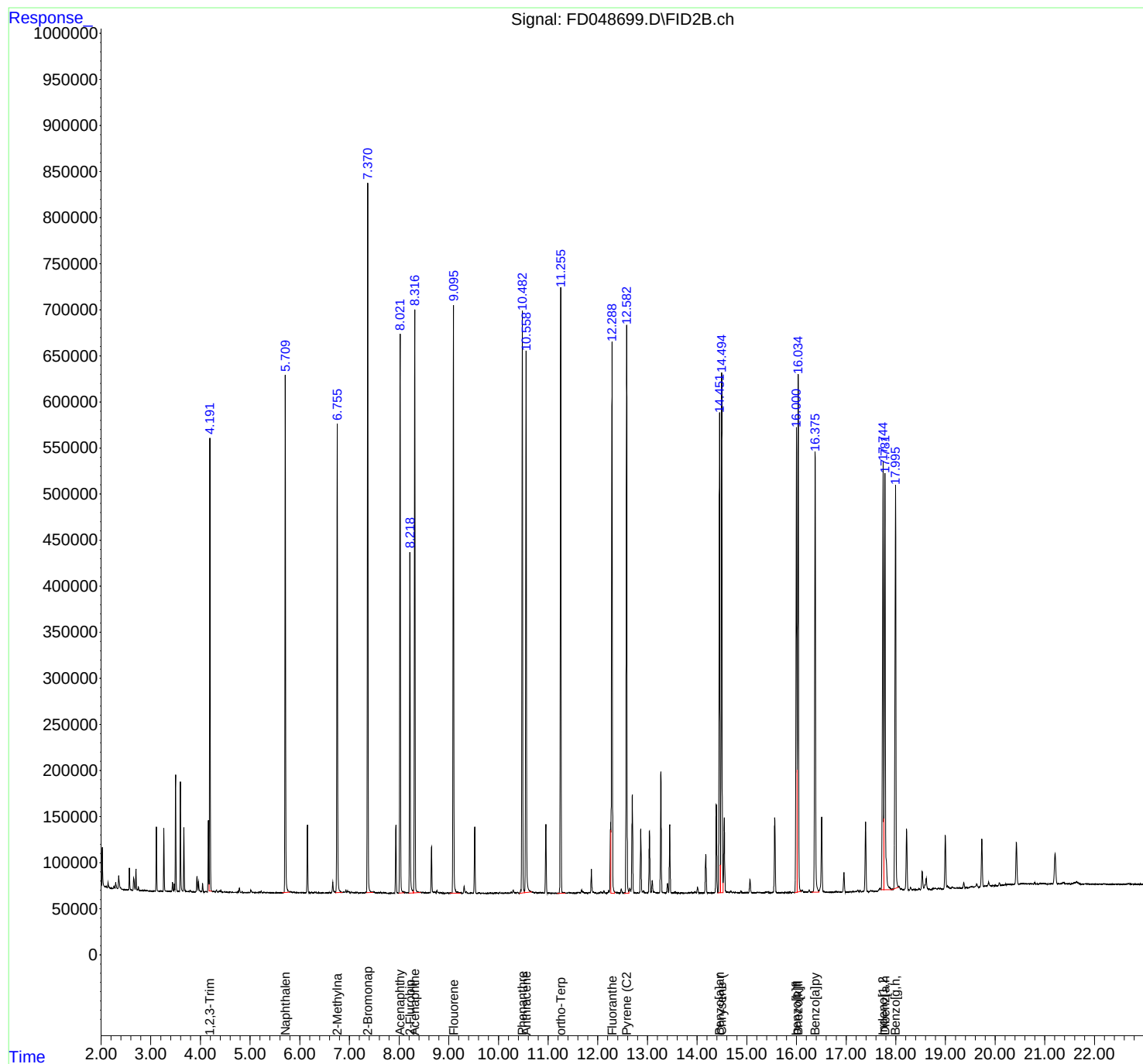
Response via : Initial Calibration

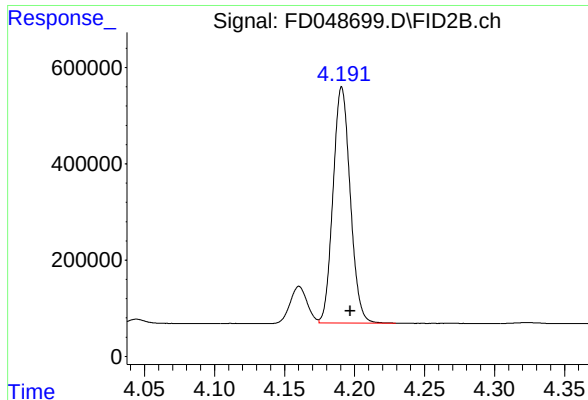
Integrator: ChemStation

Volume Inj. : 1 µl

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Signal Info : 20M x 0.18mm x 0.18µm





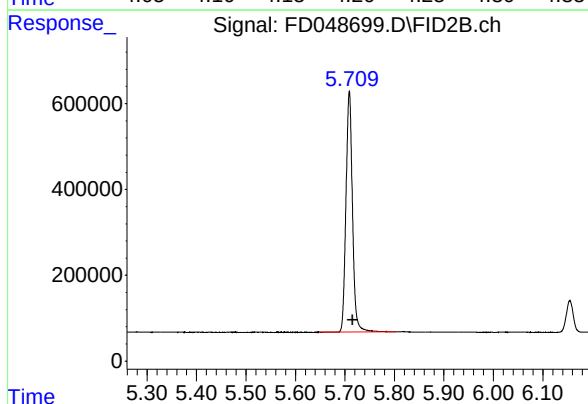
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.191 min
Delta R.T.: -0.006 min
Response: 4198716
Conc: 24.13 ug/ml

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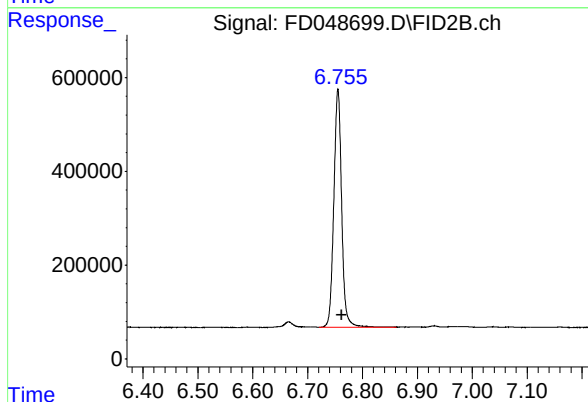
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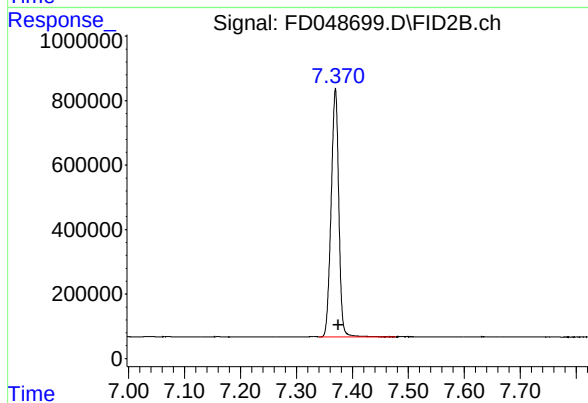
#2 Naphthalene (C11.7)

R.T.: 5.709 min
Delta R.T.: -0.007 min
Response: 5136931
Conc: 28.79 ug/ml



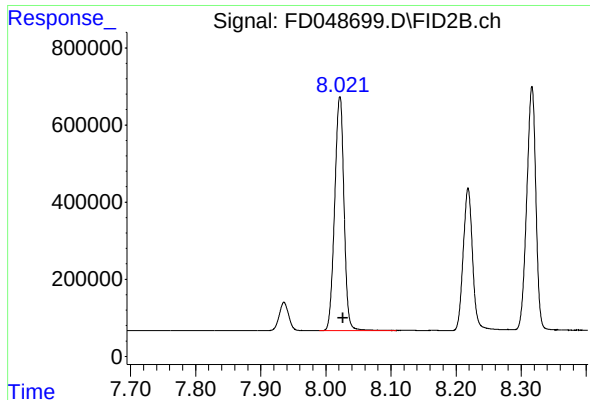
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.755 min
Delta R.T.: -0.007 min
Response: 5031320
Conc: 28.13 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.370 min
Delta R.T.: -0.005 min
Response: 7311826
Conc: 48.17 ug/ml



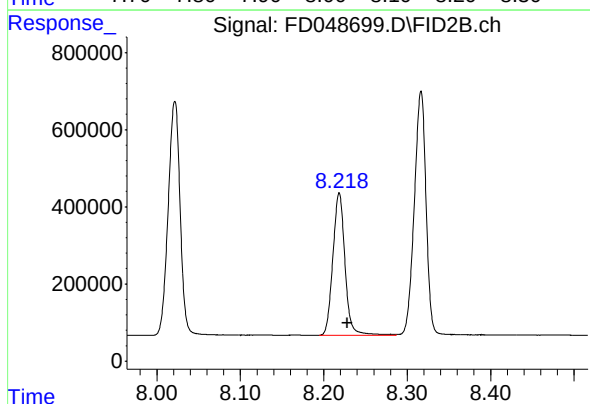
#5 Acenaphthylene (C15.06)

R.T.: 8.021 min
Delta R.T.: -0.005 min
Response: 6036188
Conc: 34.38 ug/ml

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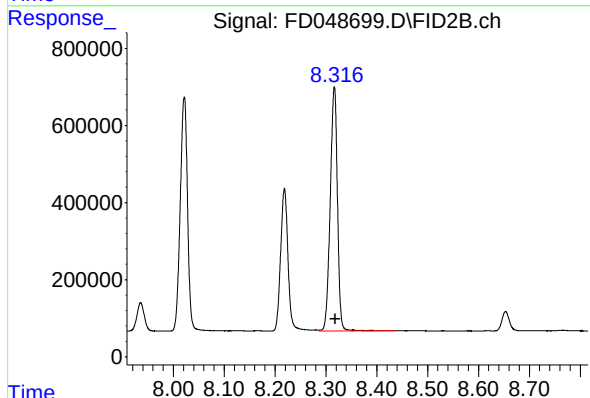
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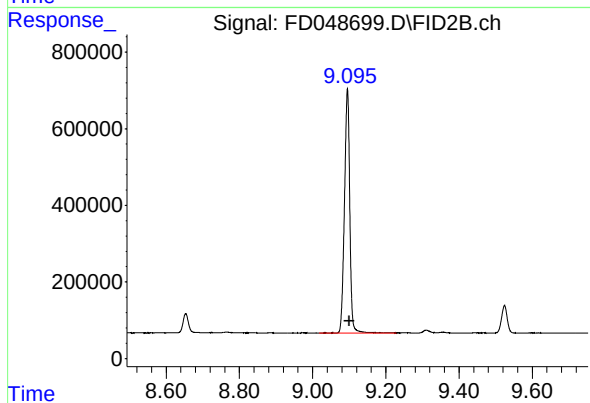
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.218 min
Delta R.T.: -0.010 min
Response: 3737514
Conc: 38.06 ug/ml



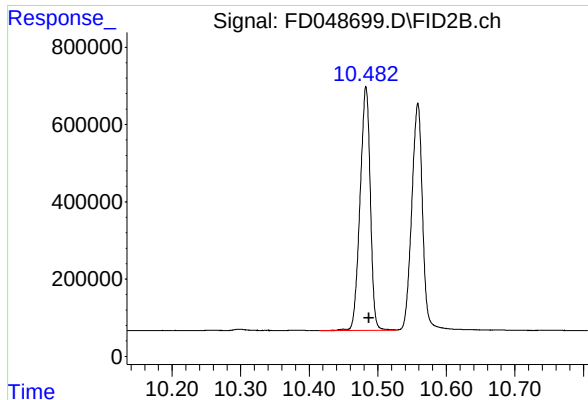
#7 Acenaphthene (C15.5)

R.T.: 8.316 min
Delta R.T.: -0.002 min
Response: 6219519
Conc: 35.07 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.095 min
Delta R.T.: -0.006 min
Response: 6395178
Conc: 37.83 ug/ml



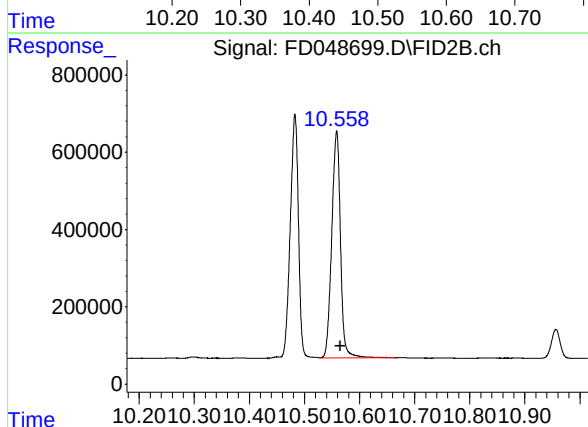
#9 Phenanthrene (C19.36)

R.T.: 10.483 min
Delta R.T.: -0.005 min
Response: 6554307
Conc: 39.65 ug/ml

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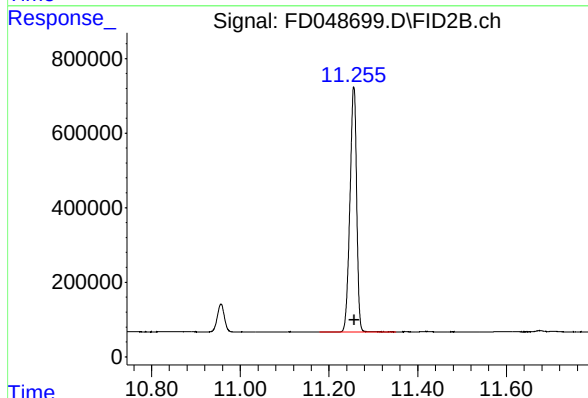
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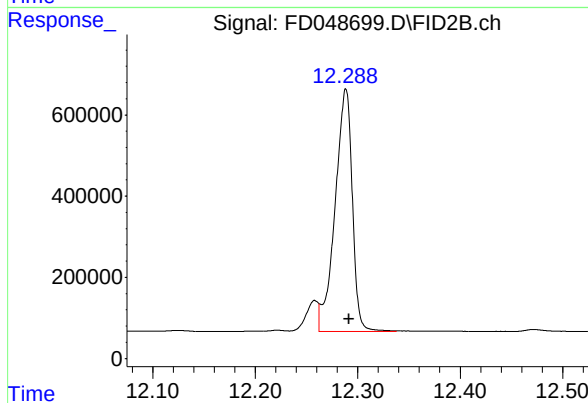
#10 Anthracene (C19.43)

R.T.: 10.558 min
Delta R.T.: -0.007 min
Response: 6492907
Conc: 40.60 ug/ml



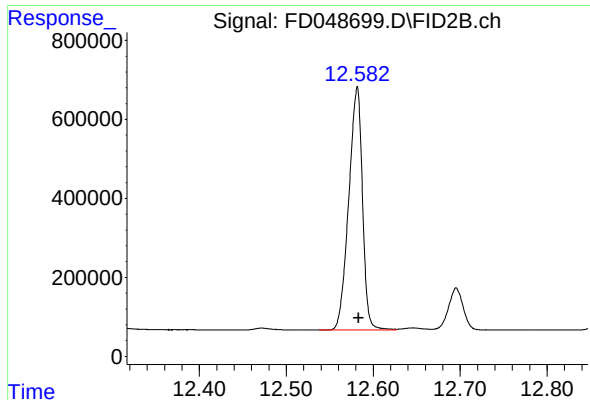
#11 ortho-Terphenyl (SURR)

R.T.: 11.256 min
Delta R.T.: -0.001 min
Response: 6906333
Conc: 40.54 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.288 min
Delta R.T.: -0.004 min
Response: 6978772
Conc: 42.40 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.581 min
Delta R.T.: -0.002 min
Response: 6750132
Conc: 41.91 ug/ml

Instrument :

FID_D

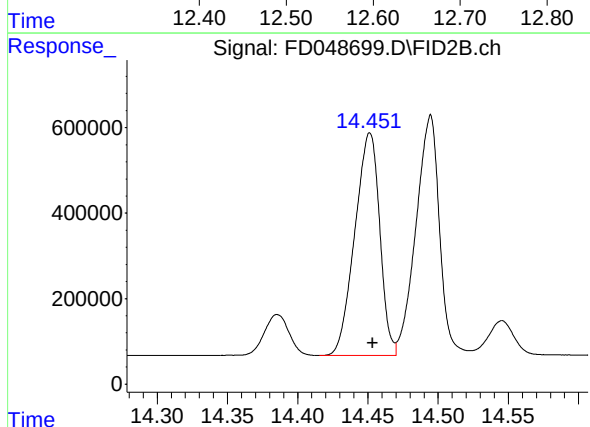
ClientSampleId :

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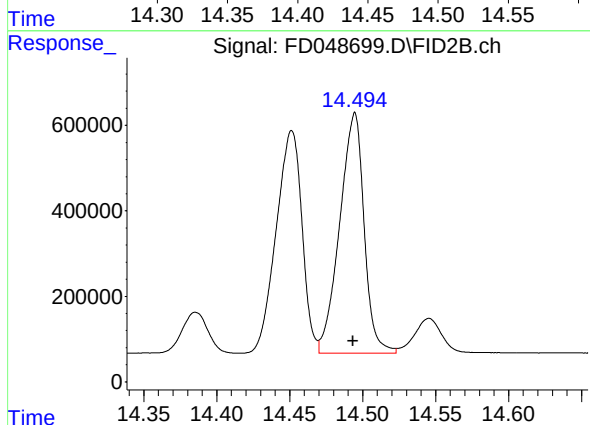
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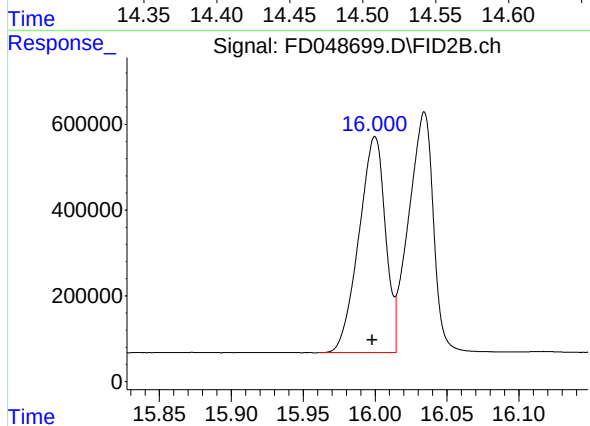
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.451 min
Delta R.T.: -0.002 min
Response: 6420224
Conc: 43.91 ug/ml



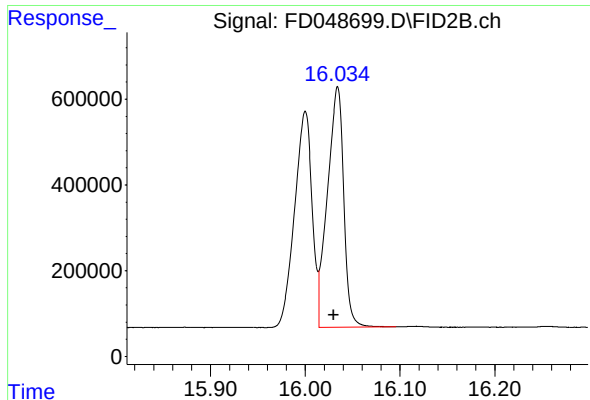
#15 Chrysene (C27.41)

R.T.: 14.494 min
Delta R.T.: 0.000 min
Response: 6549280
Conc: 39.82 ug/ml



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

R.T.: 16.000 min
Delta R.T.: 0.002 min
Response: 6486083
Conc: 42.66 ug/ml



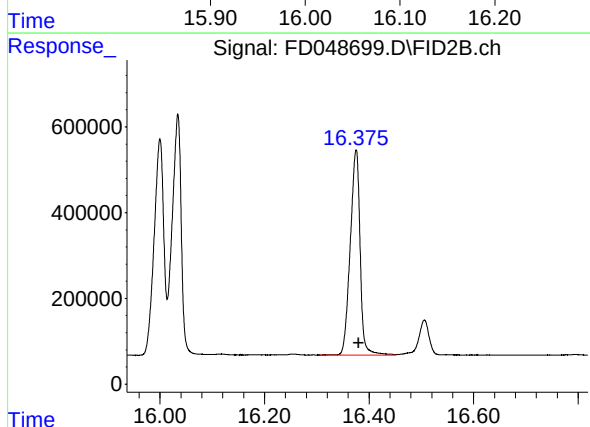
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.034 min
Delta R.T.: 0.004 min
Response: 6702146
Conc: 44.59 ug/ml

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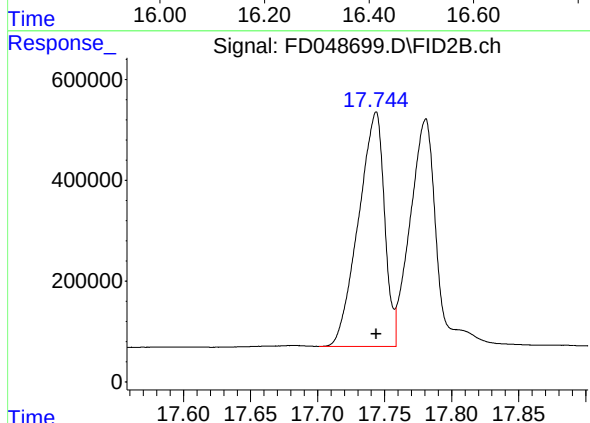
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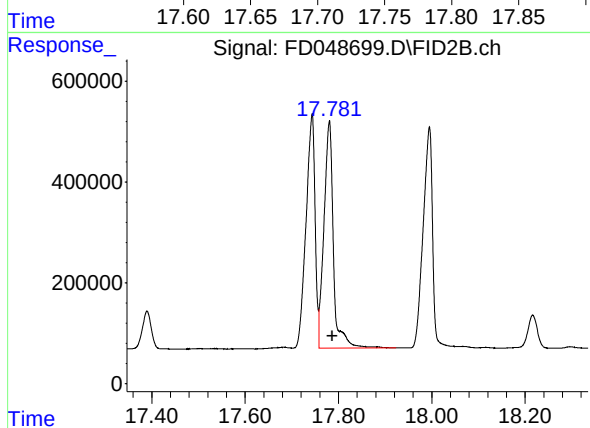
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.375 min
Delta R.T.: -0.006 min
Response: 6261014
Conc: 41.60 ug/ml



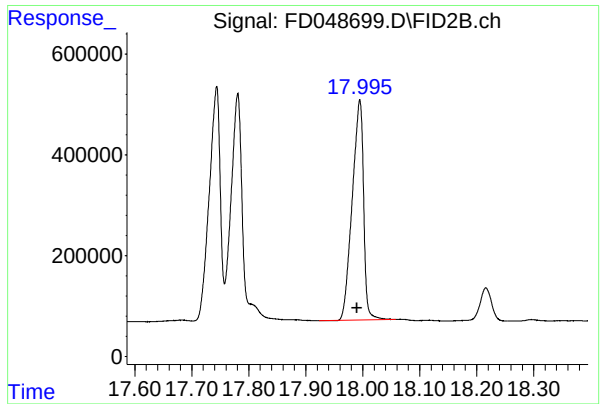
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.743 min
Delta R.T.: 0.000 min
Response: 6276470
Conc: 48.10 ug/ml



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

R.T.: 17.780 min
Delta R.T.: -0.007 min
Response: 6346574
Conc: 39.00 ug/ml



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

R.T.: 17.994 min
Delta R.T.: 0.004 min
Response: 6059040
Conc: 39.58 ug/ml

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