

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101124AR\
 Data File : FD048469.D
 Signal(s) : FID2B.ch
 Acq On : 12 Oct 2024 02:27
 Operator : YP/AJ
 Sample : P4258-03MS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

Chamberlain AveMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/14/2024

Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e

Quant Time: Oct 14 04:59:47 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 30 14:17:34 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...	7.380	9165846	55.360 ug/ml
Spiked Amount 50.000		Recovery =	110.72%
6) S 2-Fluorobiphenyl (SURR)	8.230	6055741	58.394 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	116.79%
11) S ortho-Terphenyl (SURR)	11.264	6078564	33.036 ug/ml
Spiked Amount 50.000		Recovery =	66.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.201	6804296	38.825 ug/ml
2) T Naphthalene (C11.7)	5.718	7636087	40.897 ug/ml
3) T 2-Methylnaphthalene (...)	6.766	7461129	39.479 ug/ml
5) T Acenaphthylene (C15.06)	8.033	8007428	41.740 ug/ml
7) T Acenaphthene (C15.5)	8.328	8415054	44.487 ug/ml
8) T Fluorene (C16.55)	9.106	8517431	47.143 ug/ml
9) T Phenanthrene (C19.36)	10.494	8621800	48.647 ug/ml
10) T Anthracene (C19.43)	10.570	8690793	48.841 ug/ml
12) T Fluoranthene (C21.85)	12.299	8849333	48.926 ug/mlm
13) T Pyrene (C20.8)	12.593	9176010	51.243 ug/ml
14) T Benzo[a]anthracene (C...	14.461	8197557	51.294 ug/ml
15) T Chrysene (C27.41)	14.506	8265398	44.312 ug/ml
16) T benzo[b]fluoranthene ...	16.011	8075583	48.490 ug/ml
17) T Bnezo[k]fluoranthene ...	16.045	7987793	47.057 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.386	7704771	47.140 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.754	8259381	62.790 ug/ml
20) T Dibenz[a,h]anthracene...	17.791	7749069	46.309 ug/ml
21) T Benzo[g,h,i]perylene ...	18.006	7388593	45.489 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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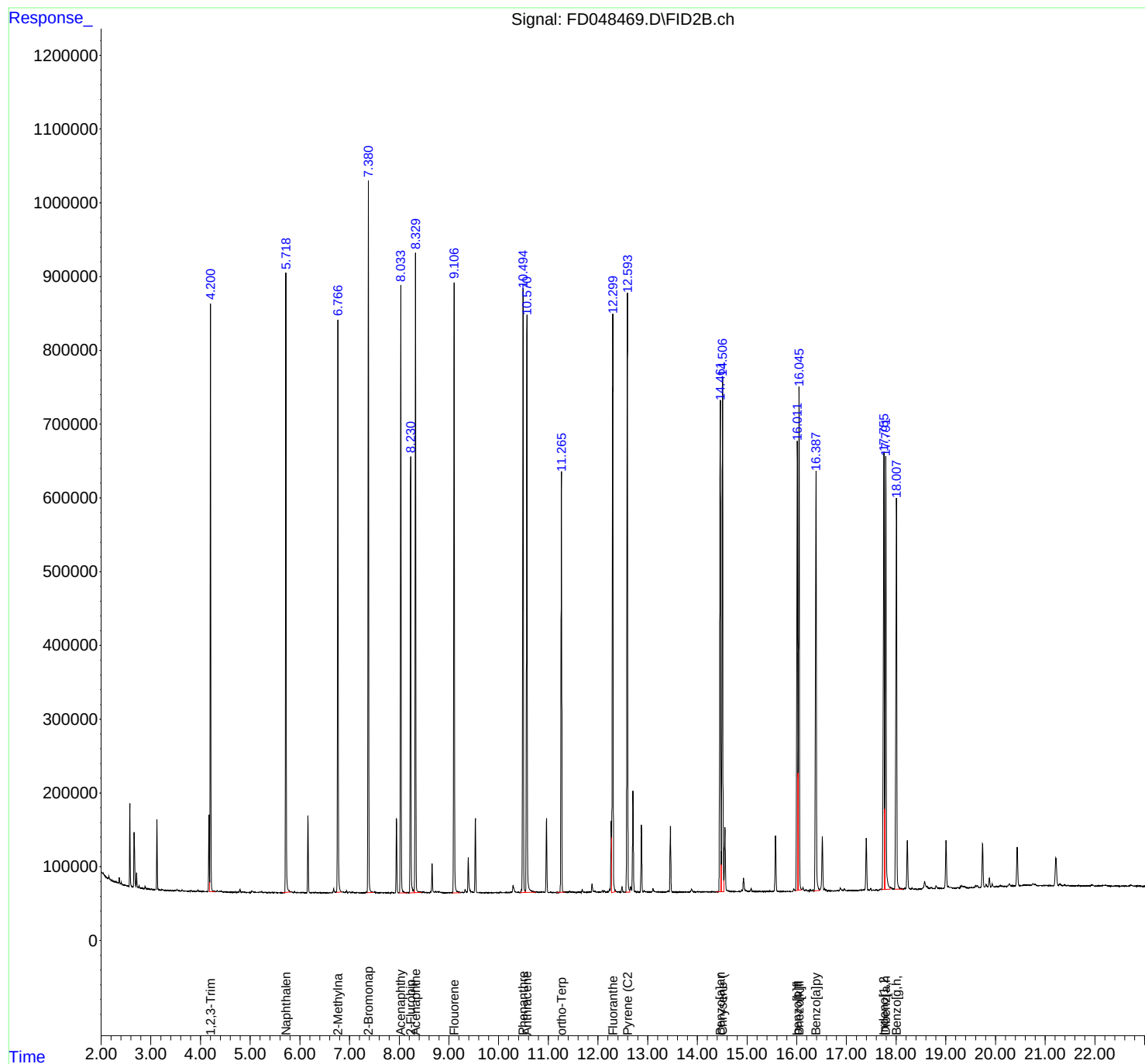
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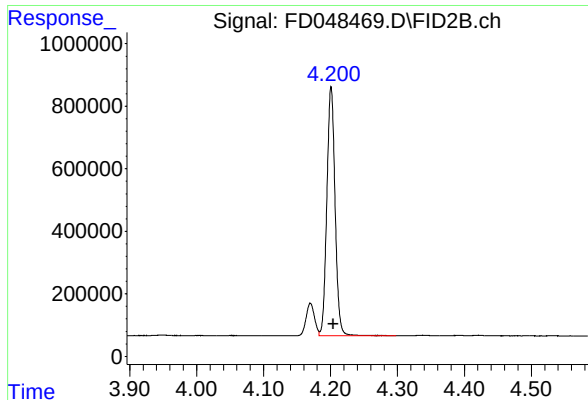
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.201 min
Delta R.T.: -0.003 min
Response: 6804296
Conc: 38.82 ug/ml

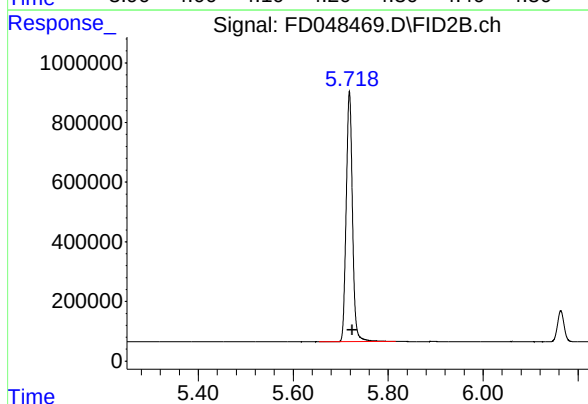
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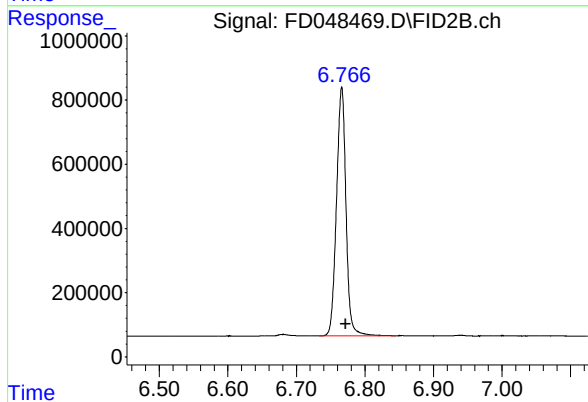
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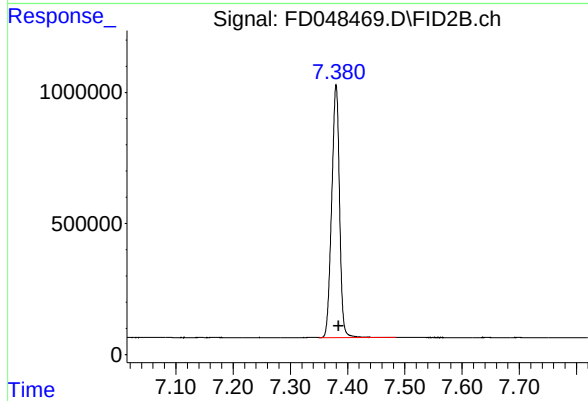
#2 Naphthalene (C11.7)

R.T.: 5.718 min
Delta R.T.: -0.006 min
Response: 7636087
Conc: 40.90 ug/ml



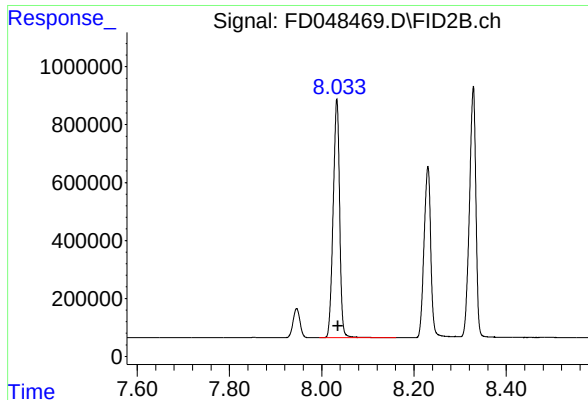
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.766 min
Delta R.T.: -0.006 min
Response: 7461129
Conc: 39.48 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.380 min
Delta R.T.: -0.004 min
Response: 9165846
Conc: 55.36 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.033 min
Delta R.T.: -0.003 min
Response: 8007428
Conc: 41.74 ug/ml

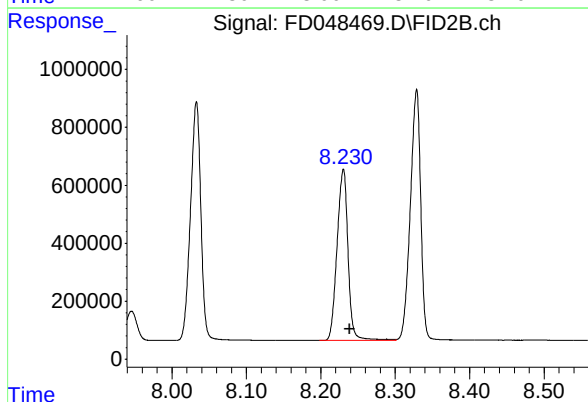
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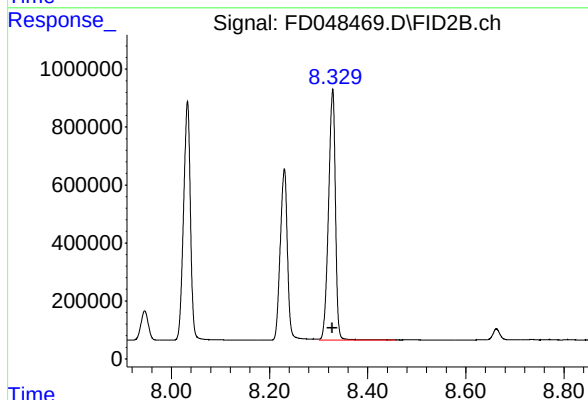
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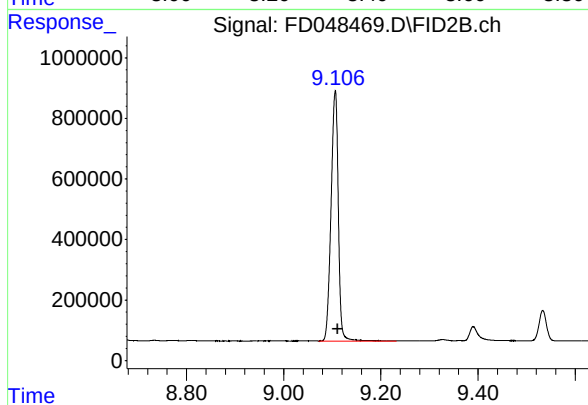
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.230 min
Delta R.T.: -0.009 min
Response: 6055741
Conc: 58.39 ug/ml



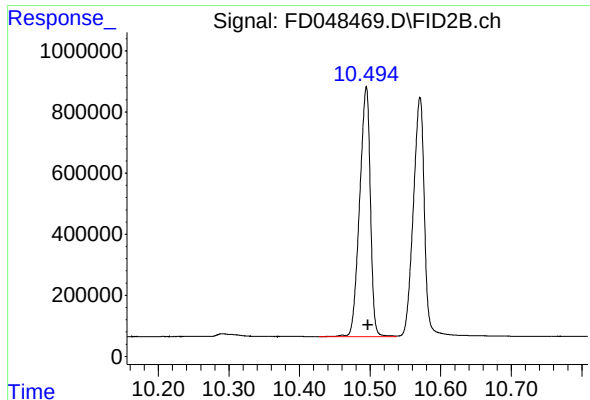
#7 Acenaphthene (C15.5)

R.T.: 8.328 min
Delta R.T.: 0.000 min
Response: 8415054
Conc: 44.49 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.106 min
Delta R.T.: -0.005 min
Response: 8517431
Conc: 47.14 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.494 min
Delta R.T.: -0.003 min
Response: 8621800
Conc: 48.65 ug/ml

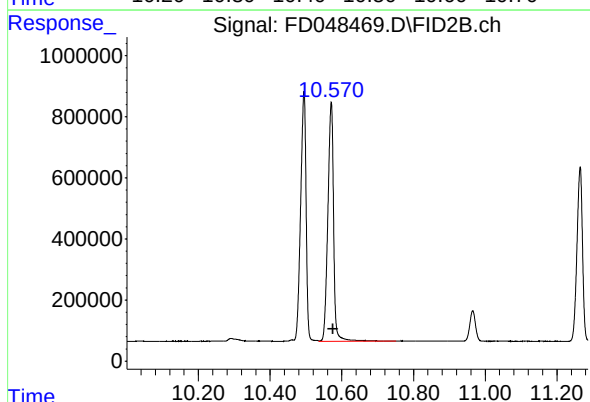
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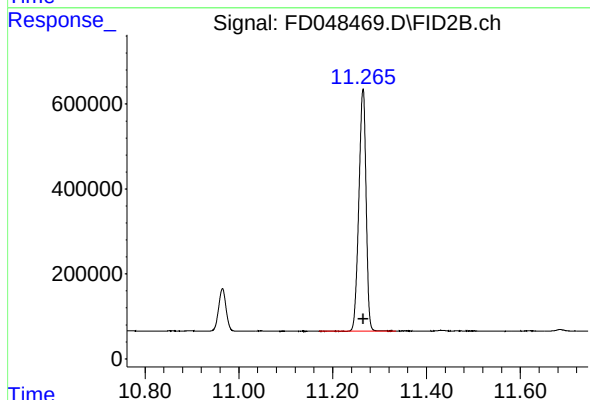
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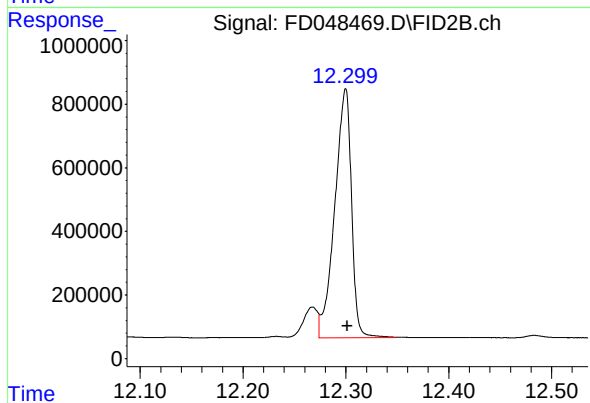
#10 Anthracene (C19.43)

R.T.: 10.570 min
Delta R.T.: -0.005 min
Response: 8690793
Conc: 48.84 ug/ml



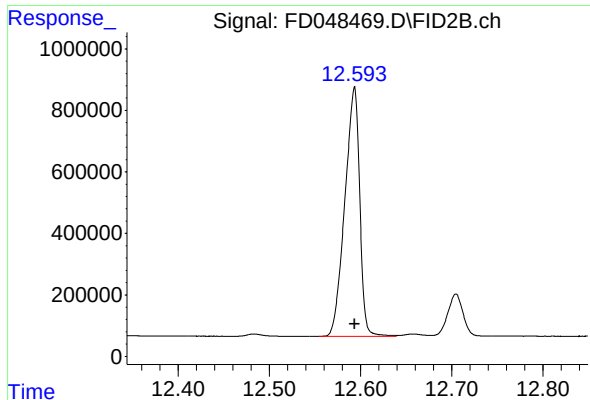
#11 ortho-Terphenyl (SURR)

R.T.: 11.264 min
Delta R.T.: -0.001 min
Response: 6078564
Conc: 33.04 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.299 min
Delta R.T.: -0.002 min
Response: 8849333
Conc: 48.93 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.593 min
Delta R.T.: 0.000 min
Response: 9176010
Conc: 51.24 ug/ml

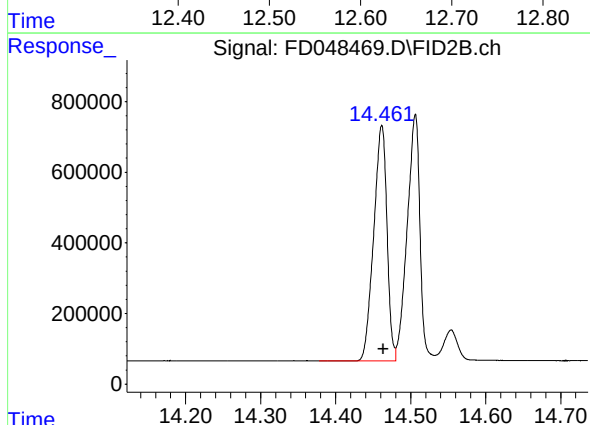
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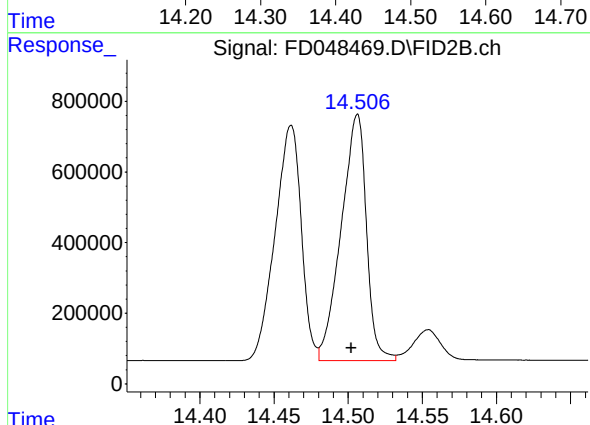
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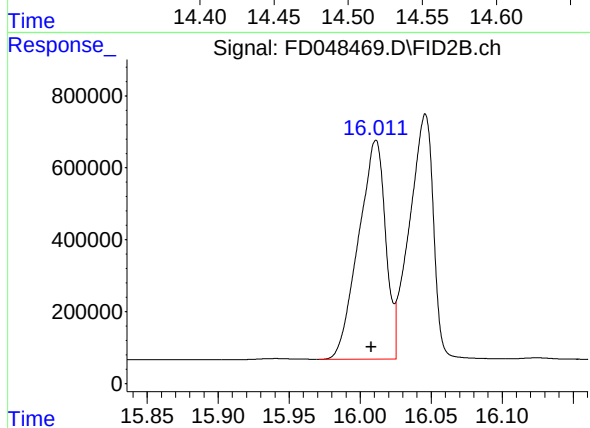
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.461 min
Delta R.T.: -0.003 min
Response: 8197557
Conc: 51.29 ug/ml



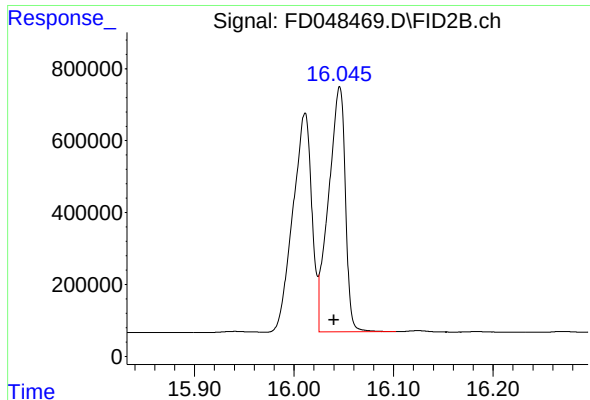
#15 Chrysene (C27.41)

R.T.: 14.506 min
Delta R.T.: 0.004 min
Response: 8265398
Conc: 44.31 ug/ml



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

R.T.: 16.011 min
Delta R.T.: 0.003 min
Response: 8075583
Conc: 48.49 ug/ml



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

R.T.: 16.045 min
Delta R.T.: 0.005 min
Response: 7987793
Conc: 47.06 ug/ml

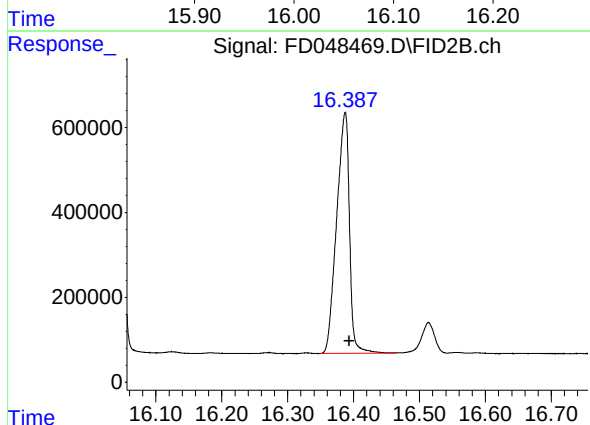
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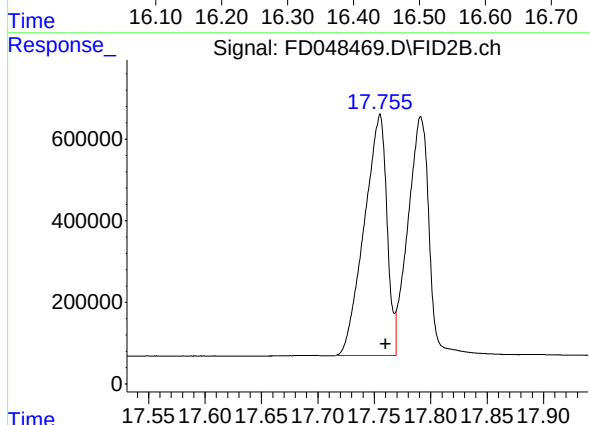
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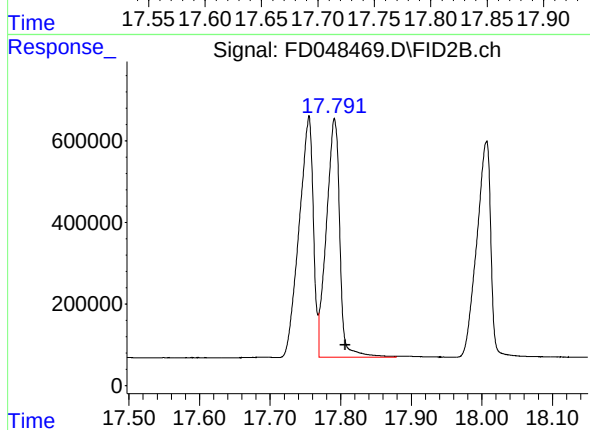
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.386 min
Delta R.T.: -0.007 min
Response: 7704771
Conc: 47.14 ug/ml



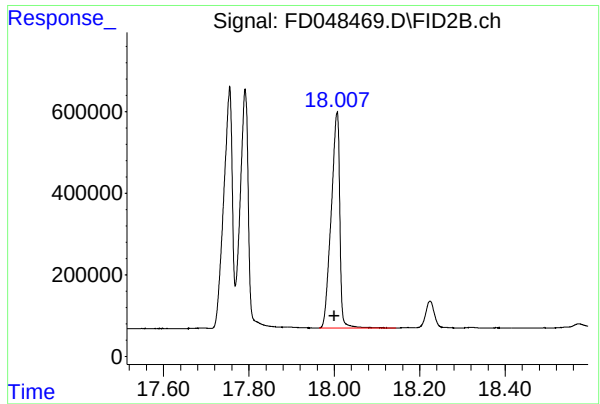
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.754 min
Delta R.T.: -0.006 min
Response: 8259381
Conc: 62.79 ug/ml



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

R.T.: 17.791 min
Delta R.T.: -0.015 min
Response: 7749069
Conc: 46.31 ug/ml



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

R.T.: 18.006 min
Delta R.T.: 0.005 min
Response: 7388593
Conc: 45.49 ug/ml

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