

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101424AR\
 Data File : FD048518.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 09:18
 Operator : YP/AJ
 Sample : PB164112BSD
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB164112BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e
 Quant Time: Oct 16 01:37:12 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...	7.378	8983632	54.259 ug/ml
Spiked Amount 50.000		Recovery =	108.52%
6) S 2-Fluorobiphenyl (SURR)	8.228	5850620	56.416 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	112.83%
11) S ortho-Terphenyl (SURR)	11.265	8017790	43.576 ug/ml
Spiked Amount 50.000		Recovery =	87.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.199	6325883	36.095 ug/ml
2) T Naphthalene (C11.7)	5.717	7346957	39.349 ug/ml
3) T 2-Methylnaphthalene (...)	6.764	7294180	38.596 ug/ml
5) T Acenaphthylene (C15.06)	8.031	7687028	40.070 ug/ml
7) T Acenaphthene (C15.5)	8.326	8002217	42.305 ug/ml
8) T Flouorene (C16.55)	9.104	8040442	44.503 ug/ml
9) T Phenanthrene (C19.36)	10.492	7902688	44.590 ug/ml
10) T Anthracene (C19.43)	10.569	8027704	45.114 ug/ml
12) T Fluoranthene (C21.85)	12.298	7899984	43.677 ug/mlm
13) T Pyrene (C20.8)	12.591	8274241	46.207 ug/ml
14) T Benzo[a]anthracene (C...	14.460	7390347	46.243 ug/ml
15) T Chrysene (C27.41)	14.504	7492961	40.171 ug/ml
16) T benzo[b]fluoranthene ...	16.008	7226561	43.392 ug/ml
17) T Bnezo[k]fluoranthene ...	16.044	7220643	42.537 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.384	6942276	42.475 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.751	7233492	54.991 ug/ml
20) T Dibenz[a,h]anthracene...	17.790	6874754	41.084 ug/ml
21) T Benzo[g,h,i]perylene ...	18.003	6648275	40.931 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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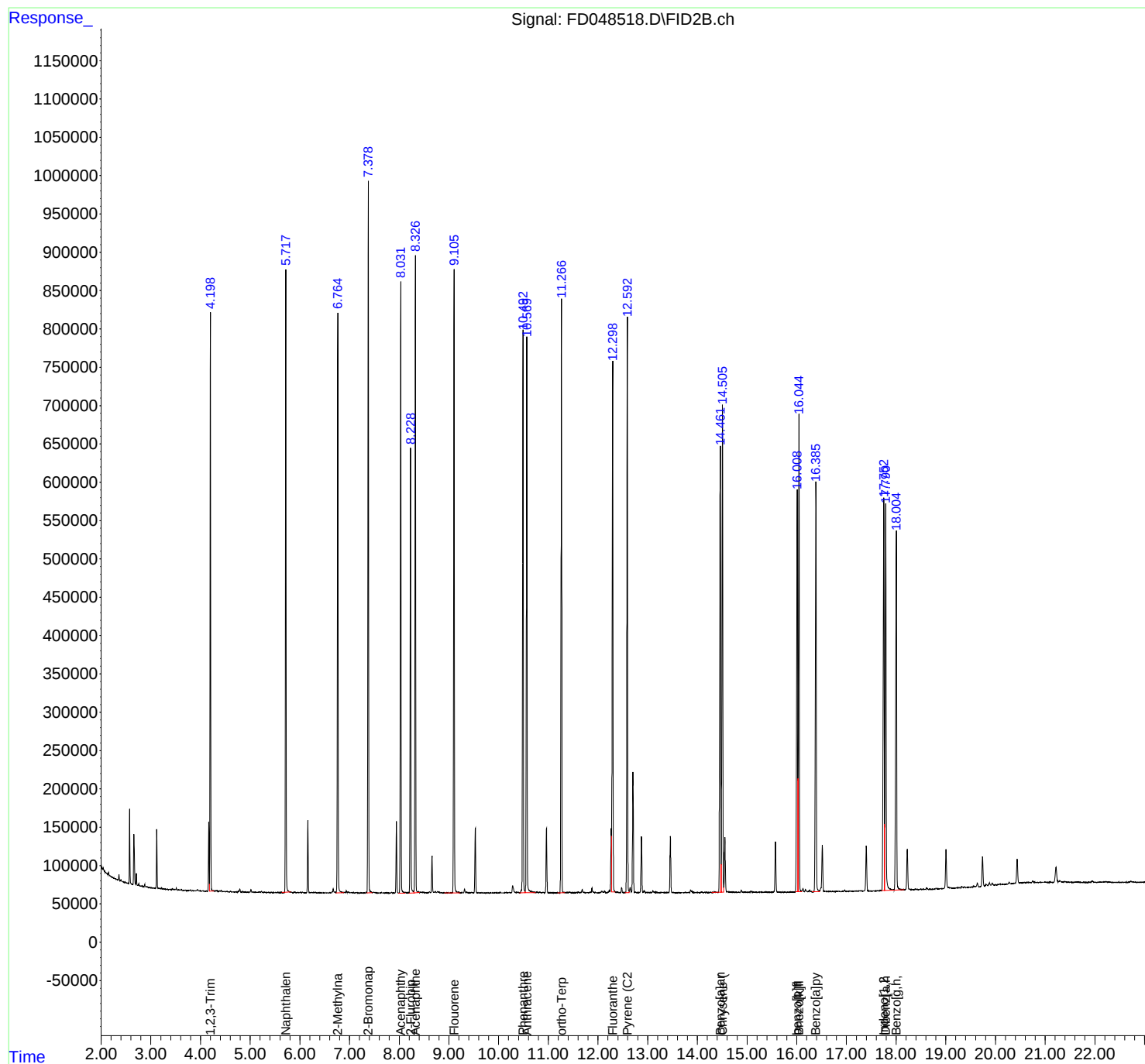
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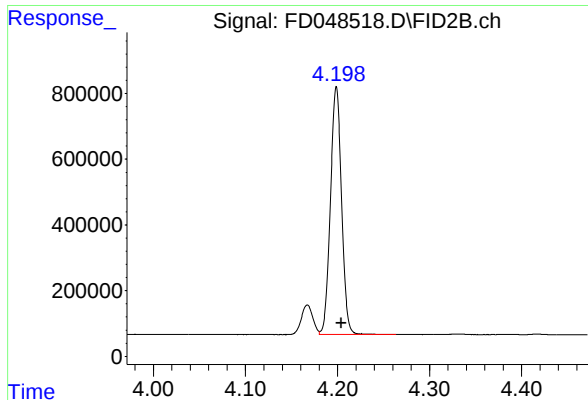
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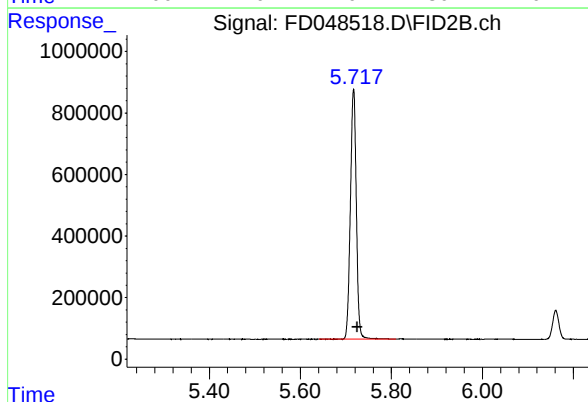
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.199 min
Delta R.T.: -0.005 min
Response: 6325883
Conc: 36.09 ug/ml

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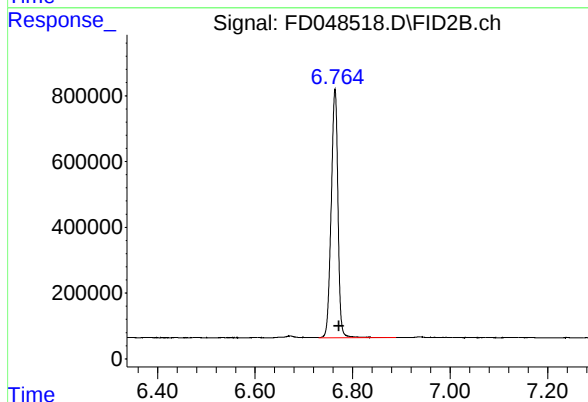
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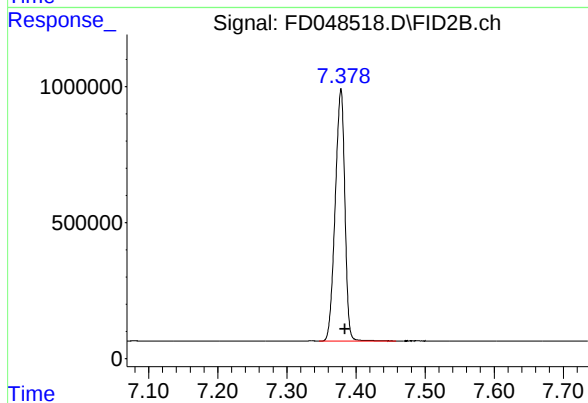
#2 Naphthalene (C11.7)

R.T.: 5.717 min
Delta R.T.: -0.008 min
Response: 7346957
Conc: 39.35 ug/ml



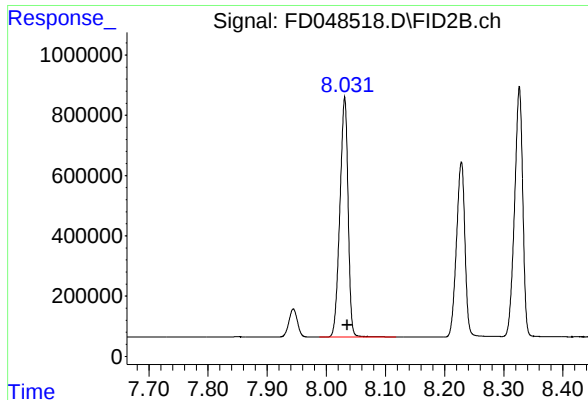
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.764 min
Delta R.T.: -0.008 min
Response: 7294180
Conc: 38.60 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.378 min
Delta R.T.: -0.007 min
Response: 8983632
Conc: 54.26 ug/ml



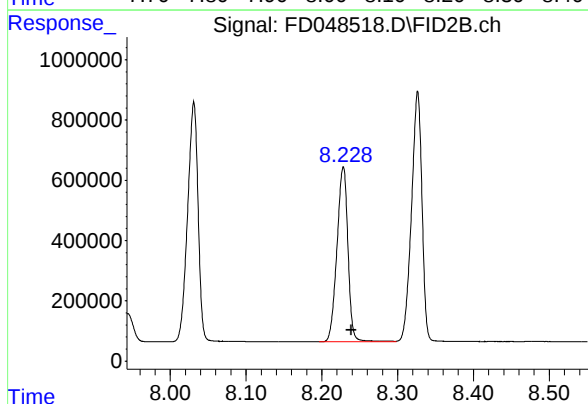
#5 Acenaphthylene (C15.06)

R.T.: 8.031 min
Delta R.T.: -0.005 min
Response: 7687028
Conc: 40.07 ug/ml

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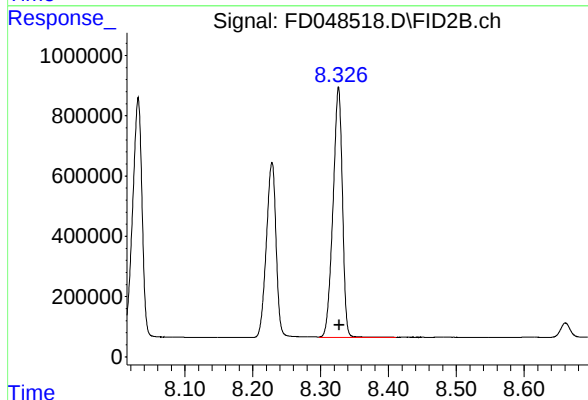
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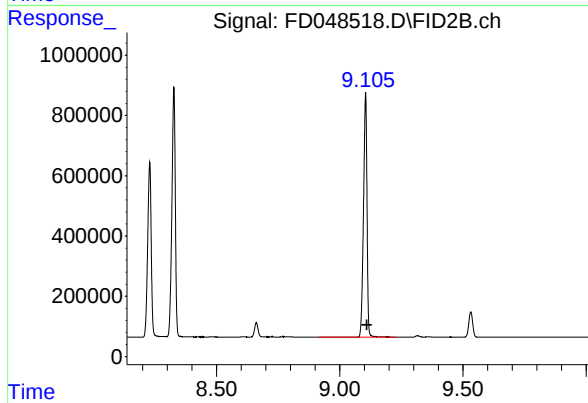
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.228 min
Delta R.T.: -0.011 min
Response: 5850620
Conc: 56.42 ug/ml



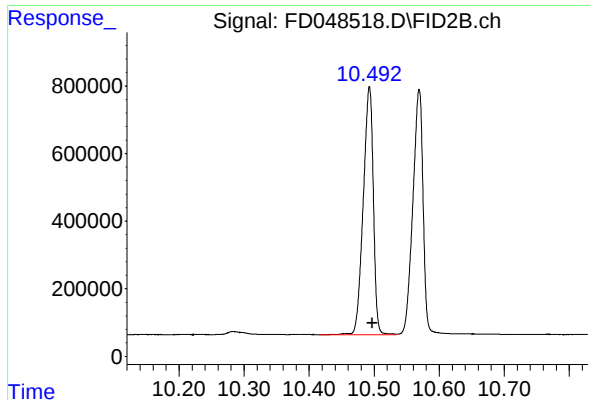
#7 Acenaphthene (C15.5)

R.T.: 8.326 min
Delta R.T.: -0.001 min
Response: 8002217
Conc: 42.30 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.104 min
Delta R.T.: -0.007 min
Response: 8040442
Conc: 44.50 ug/ml



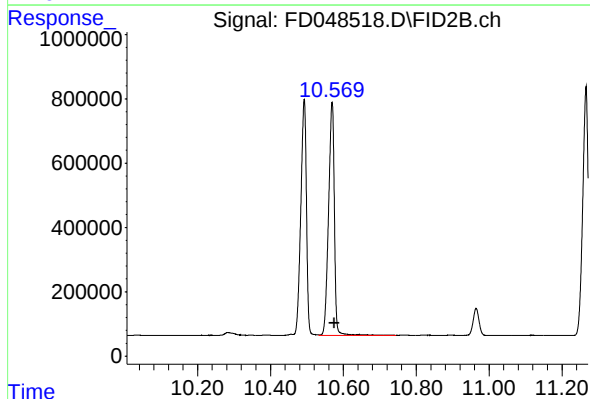
#9 Phenanthrene (C19.36)

R.T.: 10.492 min
Delta R.T.: -0.005 min
Response: 7902688
Conc: 44.59 ug/ml

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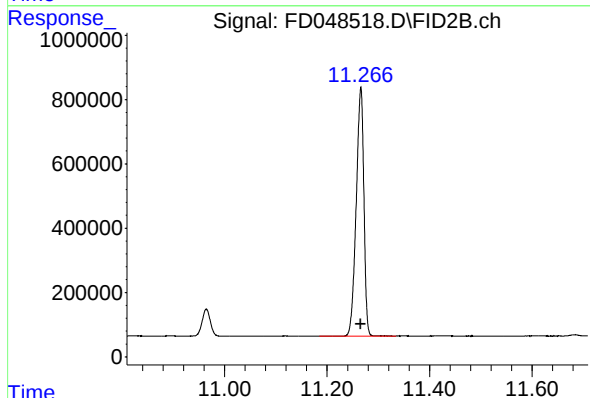
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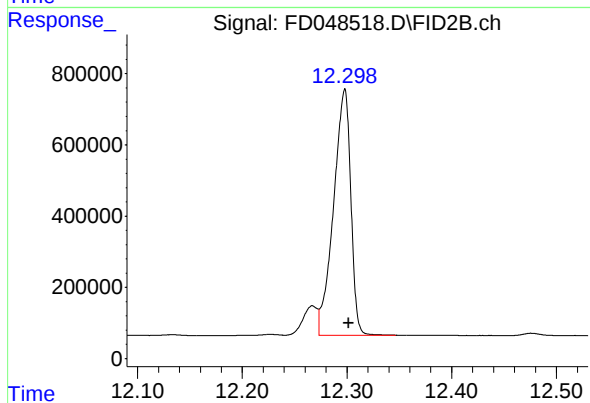
#10 Anthracene (C19.43)

R.T.: 10.569 min
Delta R.T.: -0.007 min
Response: 8027704
Conc: 45.11 ug/ml



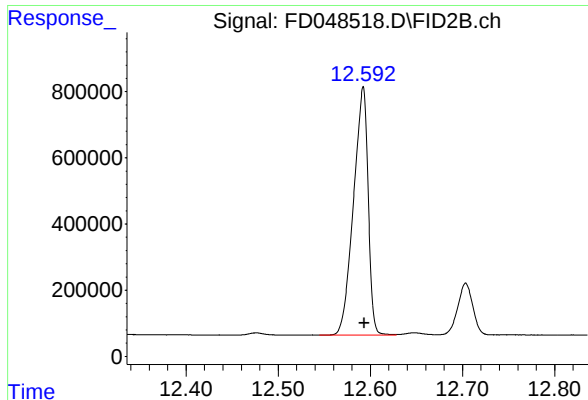
#11 ortho-Terphenyl (SURR)

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 8017790
Conc: 43.58 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.298 min
Delta R.T.: -0.004 min
Response: 7899984
Conc: 43.68 ug/ml m



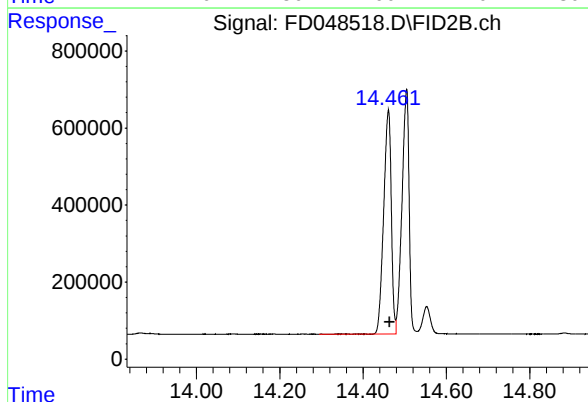
#13 Pyrene (C20.8)

R.T.: 12.591 min
Delta R.T.: -0.002 min
Response: 8274241
Conc: 46.21 ug/ml

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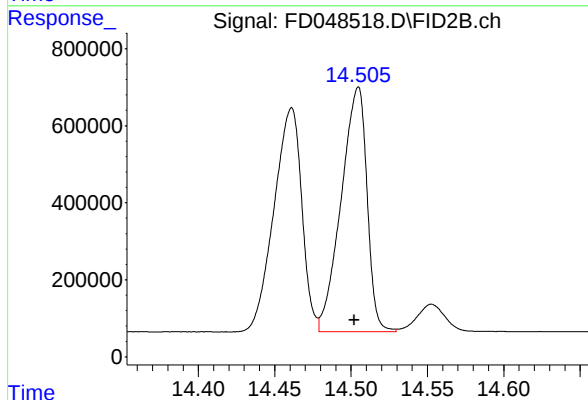
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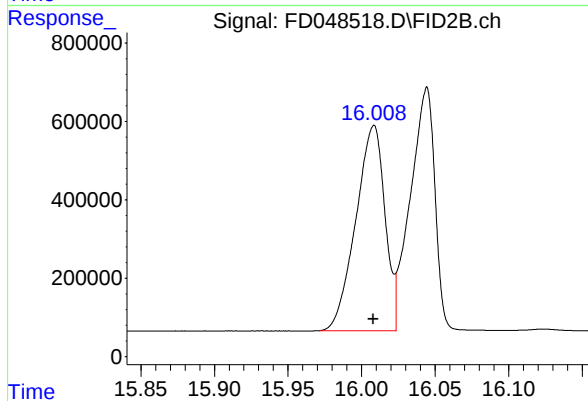
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.460 min
Delta R.T.: -0.003 min
Response: 7390347
Conc: 46.24 ug/ml



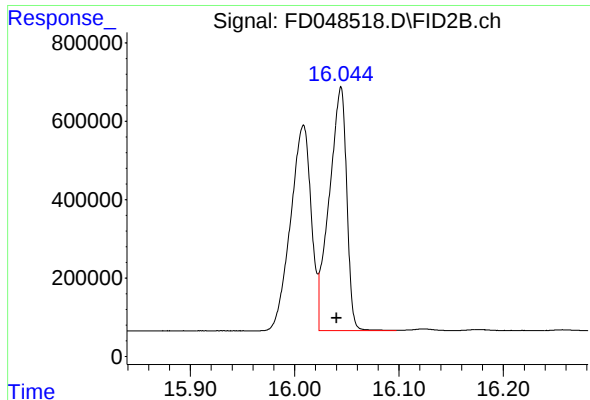
#15 Chrysene (C27.41)

R.T.: 14.504 min
Delta R.T.: 0.002 min
Response: 7492961
Conc: 40.17 ug/ml



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

R.T.: 16.008 min
Delta R.T.: 0.000 min
Response: 7226561
Conc: 43.39 ug/ml



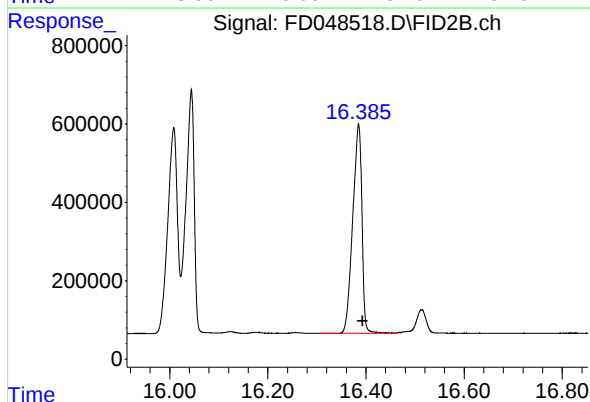
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.044 min
Delta R.T.: 0.003 min
Response: 7220643
Conc: 42.54 ug/ml

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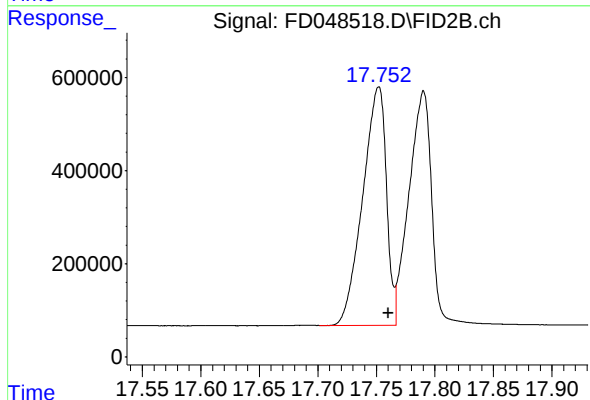
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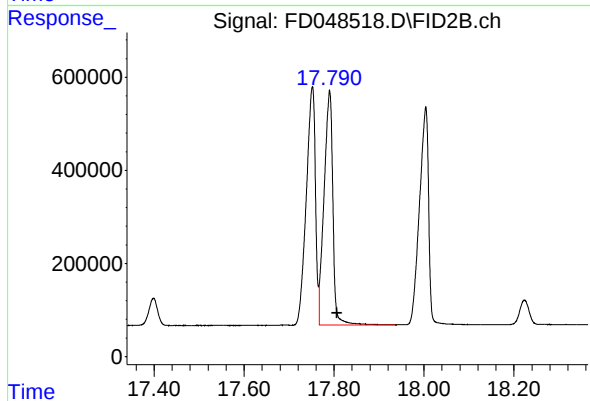
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.384 min
Delta R.T.: -0.009 min
Response: 6942276
Conc: 42.48 ug/ml



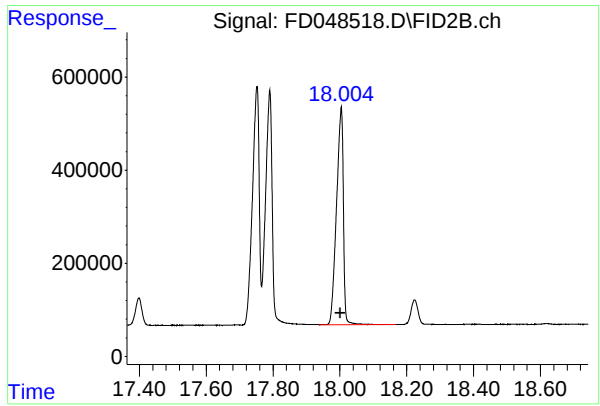
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.751 min
Delta R.T.: -0.009 min
Response: 7233492
Conc: 54.99 ug/ml



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

R.T.: 17.790 min
Delta R.T.: -0.017 min
Response: 6874754
Conc: 41.08 ug/ml



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

R.T.: 18.003 min
Delta R.T.: 0.003 min
Response: 6648275
Conc: 40.93 ug/ml

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