

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080724AR\
 Data File : FD048162.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2024 17:00
 Operator : YP/AJ
 Sample : PB162552BS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB162552BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :Ankita Jodhani 08/08/2024

Integration File: autoint1.e

Quant Time: Aug 08 03:20:34 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M

Quant Title : GC Extractables

QLast Update : Mon Jul 15 13:13:15 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...	7.401	6440014	43.331 ug/ml
Spiked Amount 50.000		Recovery =	86.66%
6) S 2-Fluorobiphenyl (SURR)	8.251	3185219	33.656 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	67.31%
11) S ortho-Terphenyl (SURR)	11.290	8437844	50.430 ug/ml
Spiked Amount 50.000		Recovery =	100.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.219	4080096	24.366 ug/ml
2) T Naphthalene (C11.7)	5.739	5007428	28.976 ug/ml
3) T 2-Methylnaphthalene (...)	6.787	5338748	30.776 ug/ml
5) T Acenaphthylene (C15.06)	8.054	6495116	37.901 ug/ml
7) T Acenaphthene (C15.5)	8.349	5811667	33.501 ug/ml
8) T Fluorene (C16.55)	9.128	6920925	42.611 ug/ml
9) T Phenanthrene (C19.36)	10.517	7094353	44.671 ug/ml
10) T Anthracene (C19.43)	10.593	7011156	44.403 ug/ml
12) T Fluoranthene (C21.85)	12.322	8114134	51.248 ug/ml
13) T Pyrene (C20.8)	12.616	7313669	46.251 ug/ml
14) T Benzo[a]anthracene (C...	14.486	6989769	51.197 ug/ml
15) T Chrysene (C27.41)	14.529	7060515	43.799 ug/ml
16) T benzo[b]fluoranthene ...	16.033	6953141	48.307 ug/ml
17) T Bnezo[k]fluoranthene ...	16.067	6965885	46.639 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.408	6629206	46.804 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.774	7082784	62.798 ug/mlm
20) T Dibenz[a,h]anthracene...	17.813	6664774	45.858 ug/ml
21) T Benzo[g,h,i]perylene ...	18.027	6456198	43.809 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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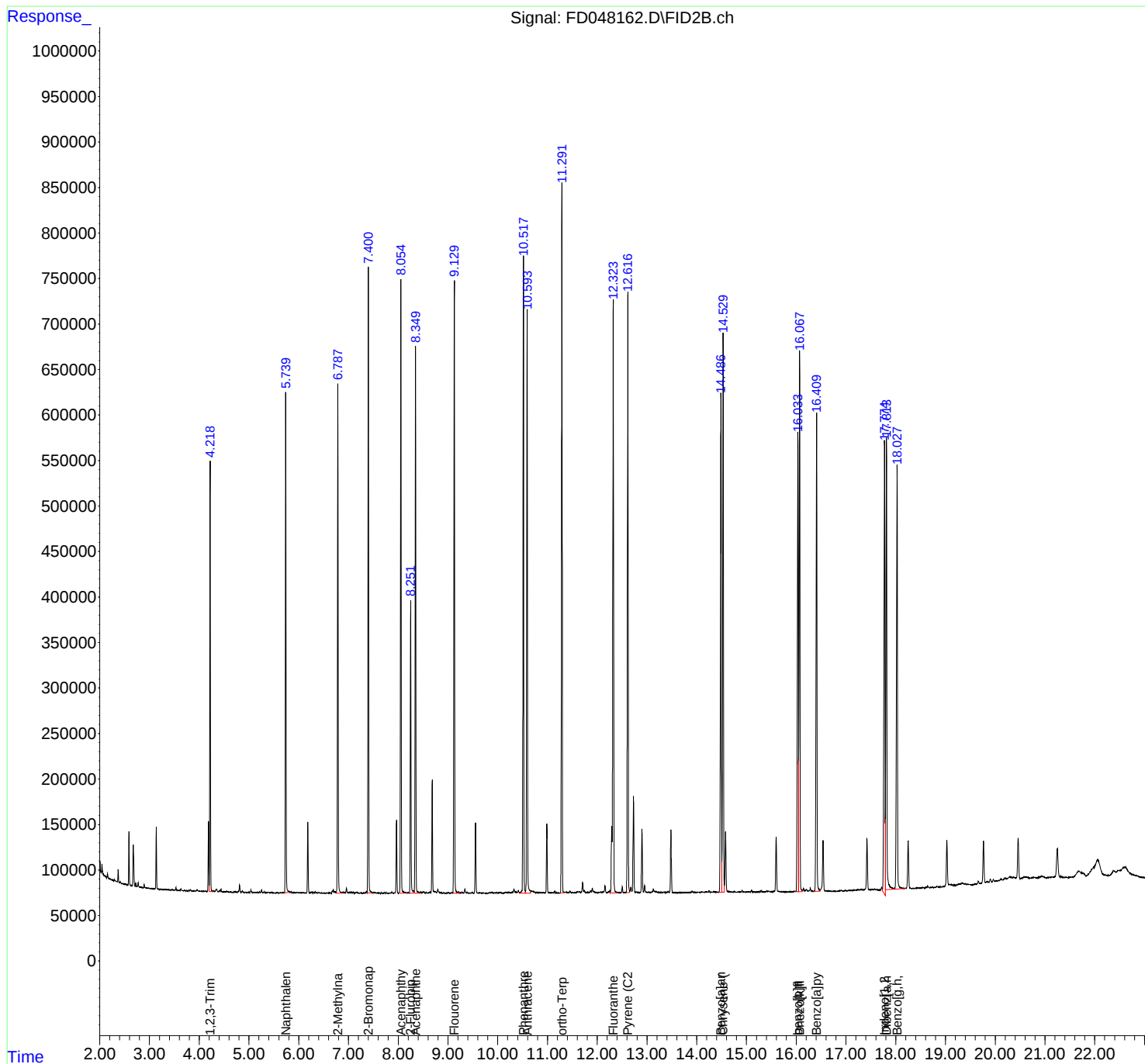
Response via : Initial Calibration

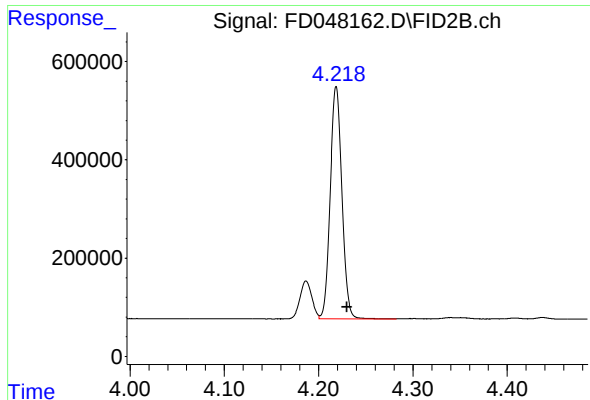
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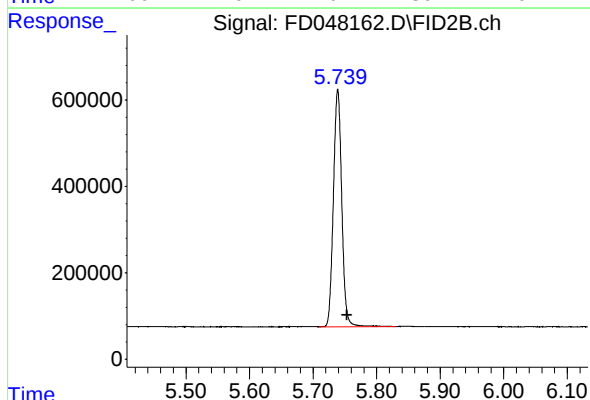
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.219 min
Delta R.T.: -0.011 min
Response: 4080096
Conc: 24.37 ug/ml

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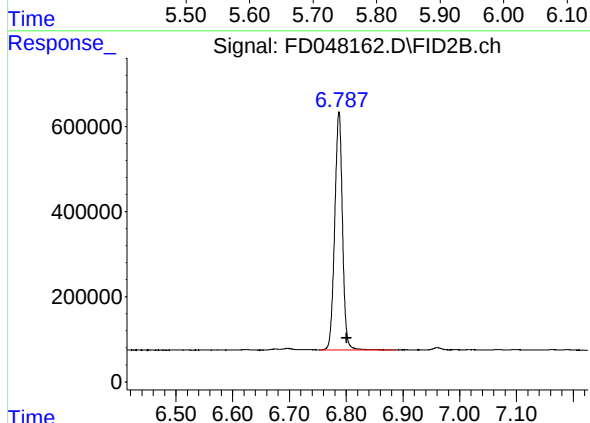
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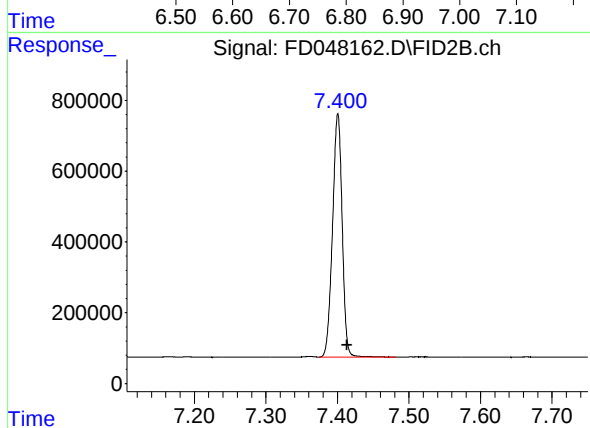
#2 Naphthalene (C11.7)

R.T.: 5.739 min
Delta R.T.: -0.014 min
Response: 5007428
Conc: 28.98 ug/ml



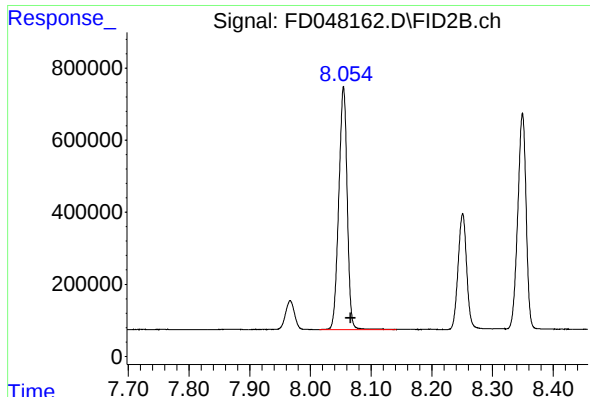
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.787 min
Delta R.T.: -0.014 min
Response: 5338748
Conc: 30.78 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.401 min
Delta R.T.: -0.013 min
Response: 6440014
Conc: 43.33 ug/ml



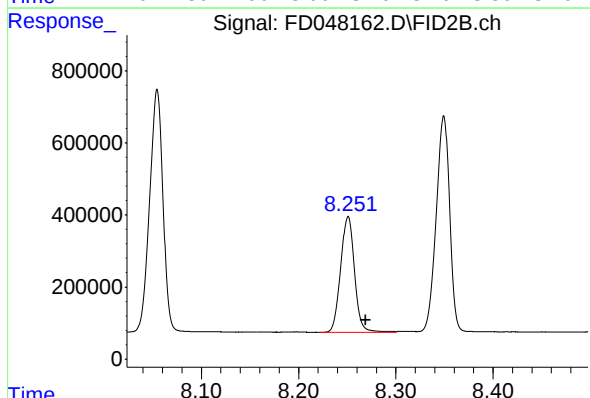
#5 Acenaphthylene (C15.06)

R.T.: 8.054 min
Delta R.T.: -0.012 min
Response: 6495116
Conc: 37.90 ug/ml

Instrument :
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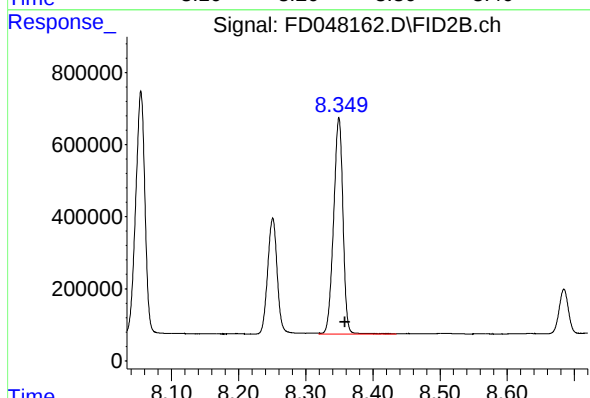
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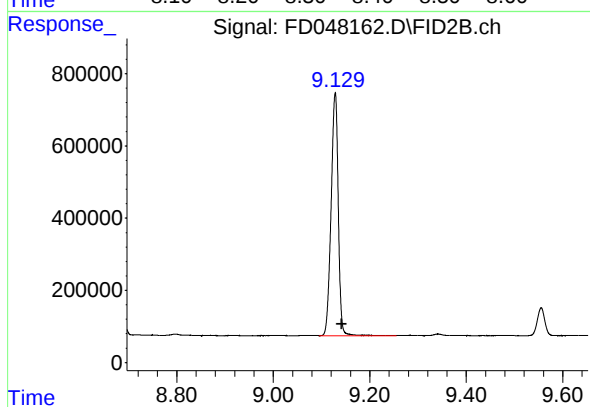
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.251 min
Delta R.T.: -0.018 min
Response: 3185219
Conc: 33.66 ug/ml



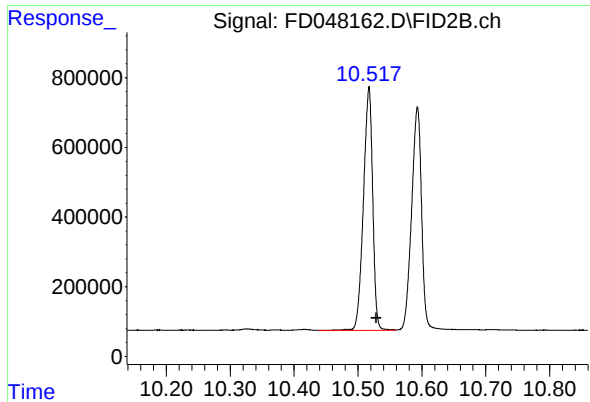
#7 Acenaphthene (C15.5)

R.T.: 8.349 min
Delta R.T.: -0.009 min
Response: 5811667
Conc: 33.50 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.128 min
Delta R.T.: -0.014 min
Response: 6920925
Conc: 42.61 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.517 min
Delta R.T.: -0.012 min
Response: 7094353
Conc: 44.67 ug/ml

Instrument :

FID_D

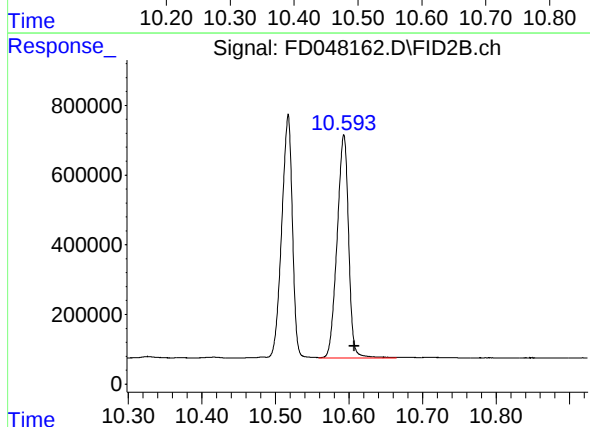
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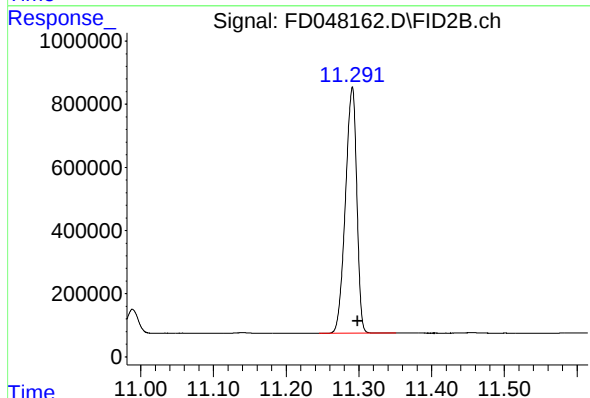
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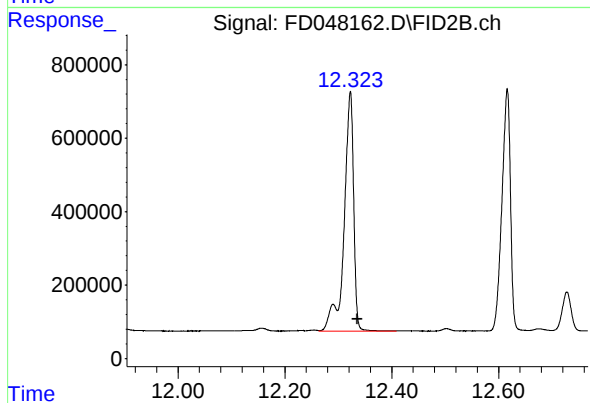
#10 Anthracene (C19.43)

R.T.: 10.593 min
Delta R.T.: -0.014 min
Response: 7011156
Conc: 44.40 ug/ml



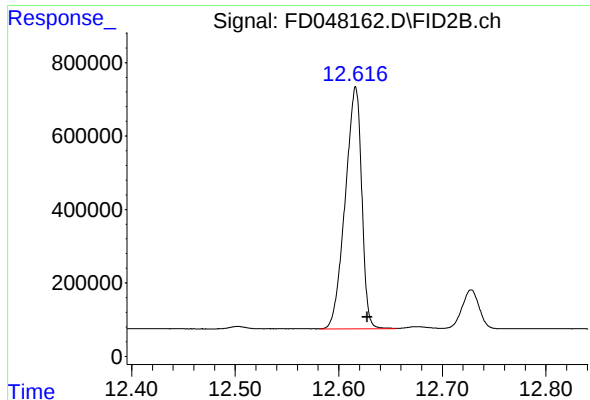
#11 ortho-Terphenyl (SURR)

R.T.: 11.290 min
Delta R.T.: -0.008 min
Response: 8437844
Conc: 50.43 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.322 min
Delta R.T.: -0.014 min
Response: 8114134
Conc: 51.25 ug/ml



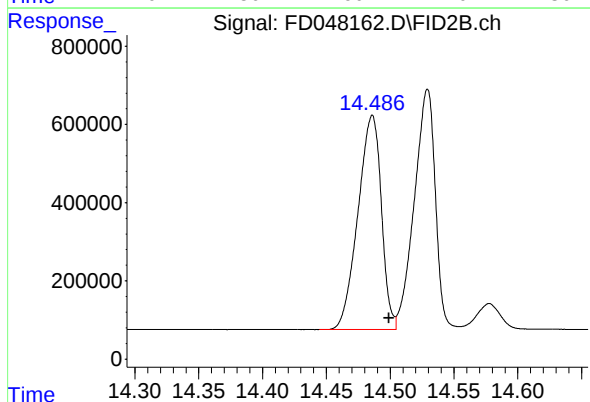
#13 Pyrene (C20.8)

R.T.: 12.616 min
Delta R.T.: -0.012 min
Response: 7313669
Conc: 46.25 ug/ml

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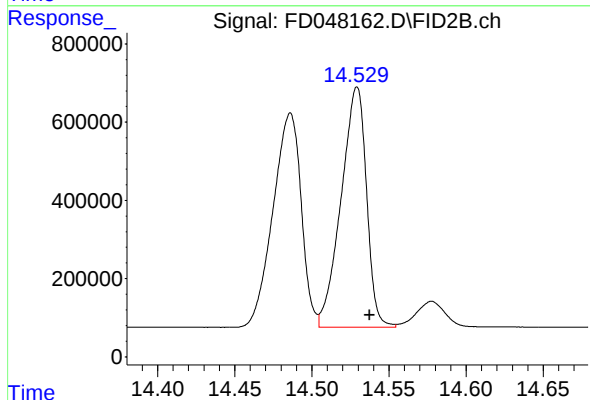
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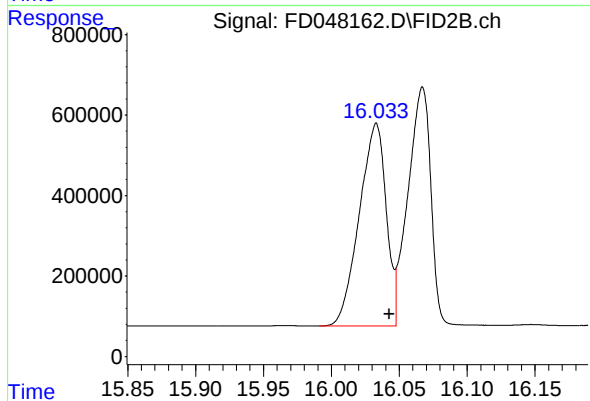
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.486 min
Delta R.T.: -0.013 min
Response: 6989769
Conc: 51.20 ug/ml



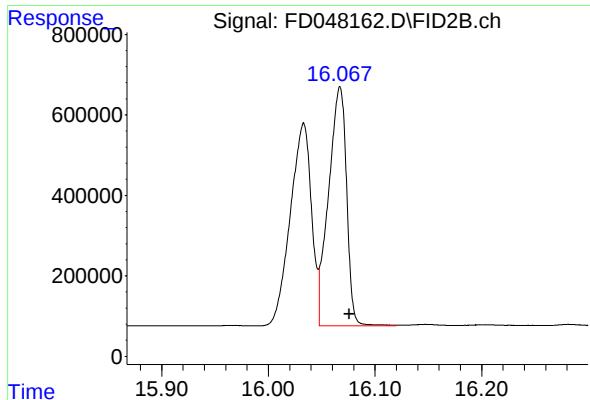
#15 Chrysene (C27.41)

R.T.: 14.529 min
Delta R.T.: -0.009 min
Response: 7060515
Conc: 43.80 ug/ml



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

R.T.: 16.033 min
Delta R.T.: -0.010 min
Response: 6953141
Conc: 48.31 ug/ml



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

R.T.: 16.067 min
Delta R.T.: -0.009 min
Response: 6965885
Conc: 46.64 ug/ml

Instrument :

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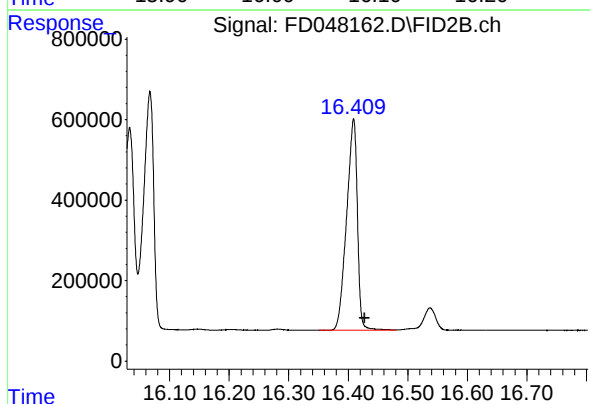
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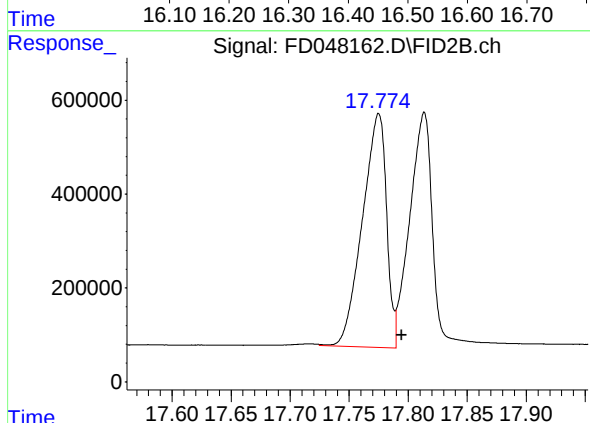
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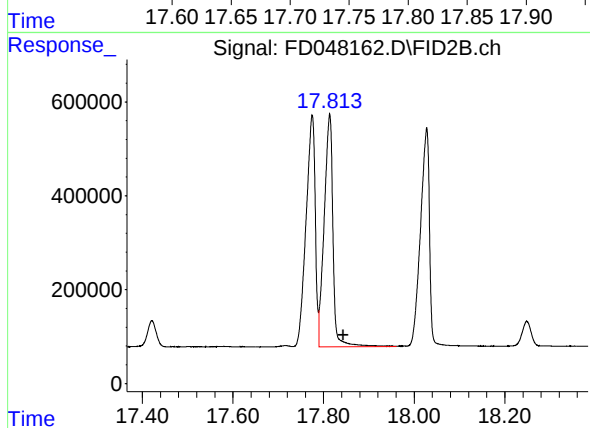
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.408 min
Delta R.T.: -0.019 min
Response: 6629206
Conc: 46.80 ug/ml



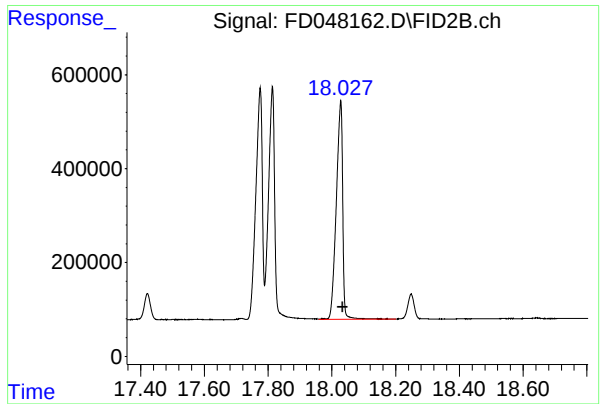
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.774 min
Delta R.T.: -0.020 min
Response: 7082784
Conc: 62.80 ug/ml m



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

R.T.: 17.813 min
Delta R.T.: -0.031 min
Response: 6664774
Conc: 45.86 ug/ml



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

R.T.: 18.027 min
Delta R.T.: -0.008 min
Response: 6456198
Conc: 43.81 ug/ml

Instrument :

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