

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090524AR\
 Data File : FD048271.D
 Signal(s) : FID2B.ch
 Acq On : 05 Sep 2024 10:40
 Operator : YP/AJ
 Sample : PB163154BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB163154BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/06/2024

Supervised By :Ankita Jodhani 09/09/2024

Integration File: autoint1.e

Quant Time: Sep 06 05:09:38 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M

Quant Title : GC Extractables

QLast Update : Mon Aug 12 16:16:10 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...	7.392	7680000	51.454 ug/ml
Spiked Amount 50.000		Recovery =	102.91%
6) S 2-Fluorobiphenyl (SURR)	8.242	3229339	33.738 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	67.48%
11) S ortho-Terphenyl (SURR)	11.280	8071022	47.915 ug/ml
Spiked Amount 50.000		Recovery =	95.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.211	3968600	23.282 ug/mlm
2) T Naphthalene (C11.7)	5.731	5659503	32.479 ug/ml
3) T 2-Methylnaphthalene (...)	6.779	6186357	35.573 ug/ml
5) T Acenaphthylene (C15.06)	8.046	7630143	44.315 ug/ml
7) T Acenaphthene (C15.5)	8.341	7007757	40.471 ug/ml
8) T Flouorene (C16.55)	9.120	7834632	47.508 ug/ml
9) T Phenanthrene (C19.36)	10.508	7781623	48.622 ug/ml
10) T Anthracene (C19.43)	10.583	7580778	48.328 ug/ml
12) T Fluoranthene (C21.85)	12.312	8872638	55.728 ug/ml
13) T Pyrene (C20.8)	12.606	8033319	51.188 ug/ml
14) T Benzo[a]anthracene (C...	14.475	7321770	51.978 ug/ml
15) T Chrysene (C27.41)	14.517	7320982	45.928 ug/ml
16) T benzo[b]fluoranthene ...	16.020	7537696	50.769 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.056	7163807	48.291 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.397	7202804	48.909 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.762	6967415	56.999 ug/ml
20) T Dibenz[a,h]anthracene...	17.799	6764504	44.282 ug/ml
21) T Benzo[g,h,i]perylene ...	18.013	6758937	44.758 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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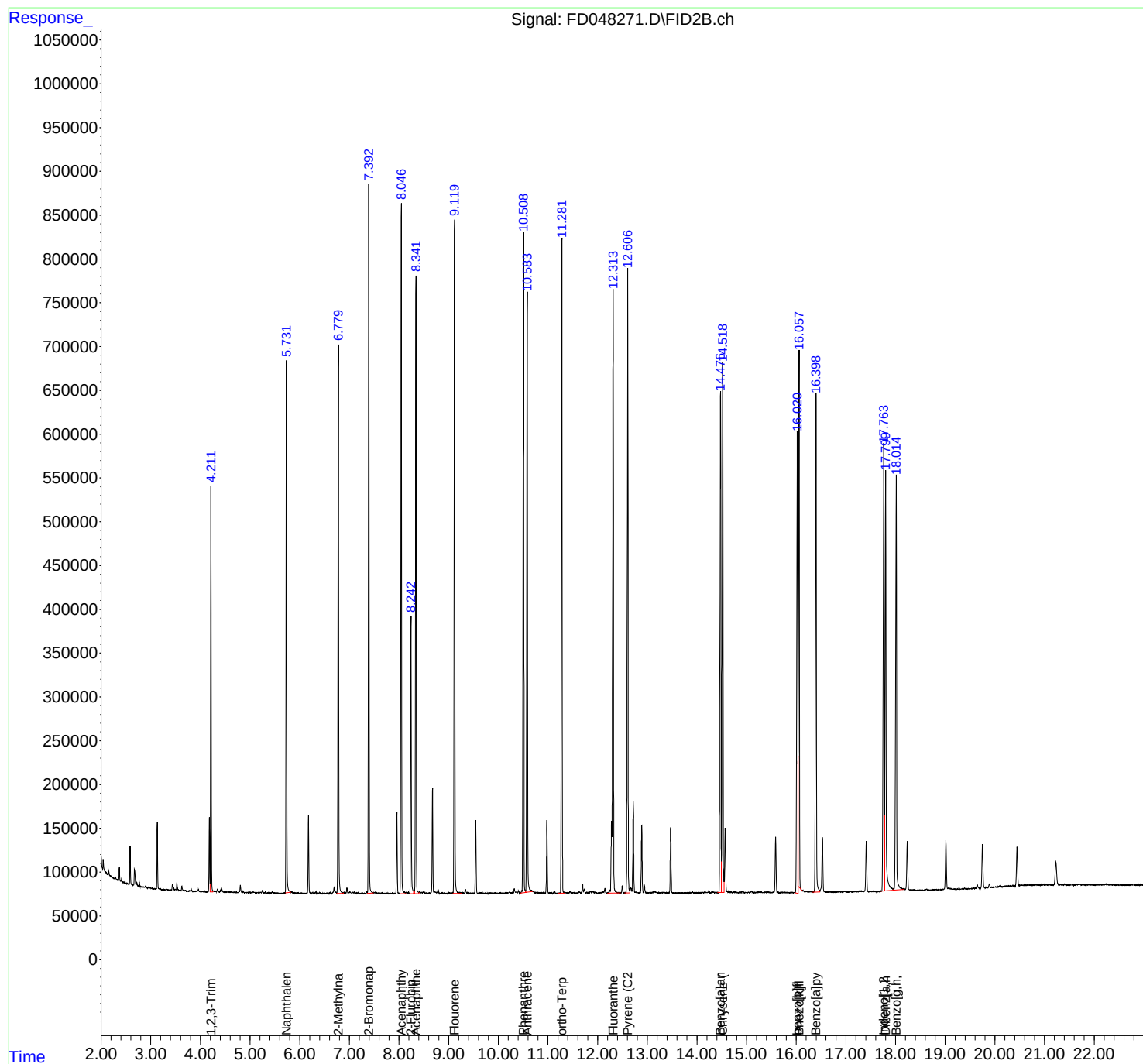
Response via : Initial Calibration

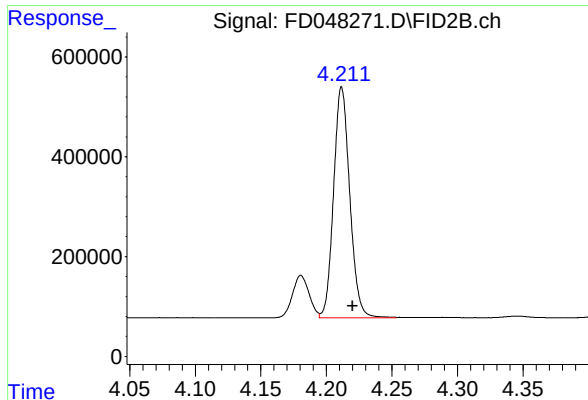
Integrator: ChemStation

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Signal Info : 20M x 0.18mm x 0.18µm





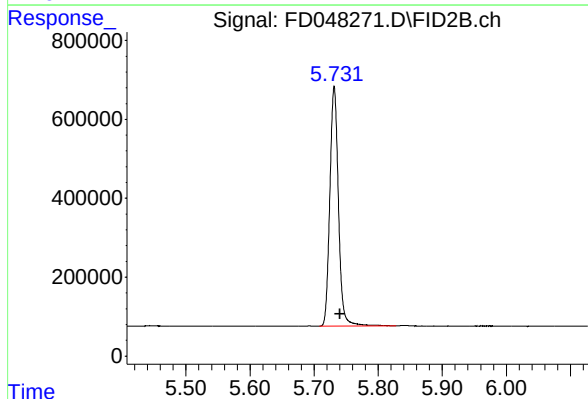
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.211 min
Delta R.T.: -0.009 min
Response: 3968600
Conc: 23.28 ug/ml

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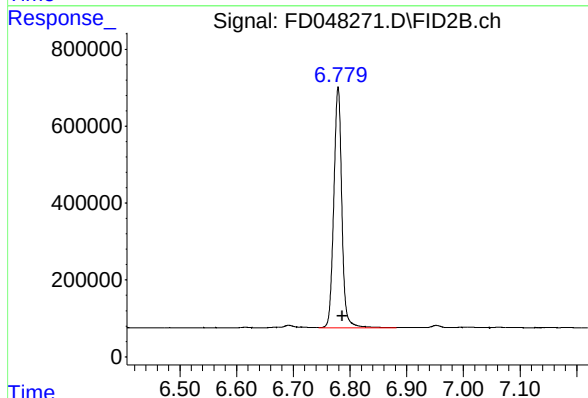
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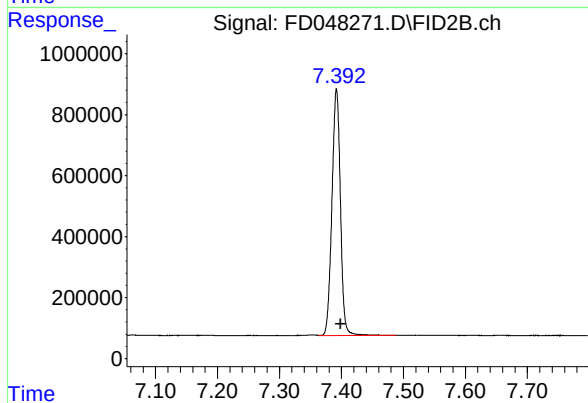
#2 Naphthalene (C11.7)

R.T.: 5.731 min
Delta R.T.: -0.009 min
Response: 5659503
Conc: 32.48 ug/ml



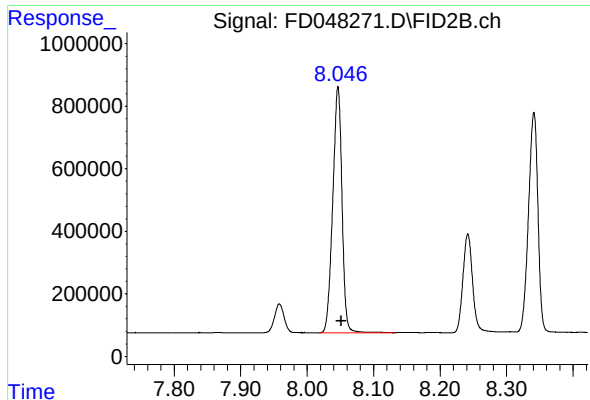
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.779 min
Delta R.T.: -0.008 min
Response: 6186357
Conc: 35.57 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.392 min
Delta R.T.: -0.007 min
Response: 7680000
Conc: 51.45 ug/ml



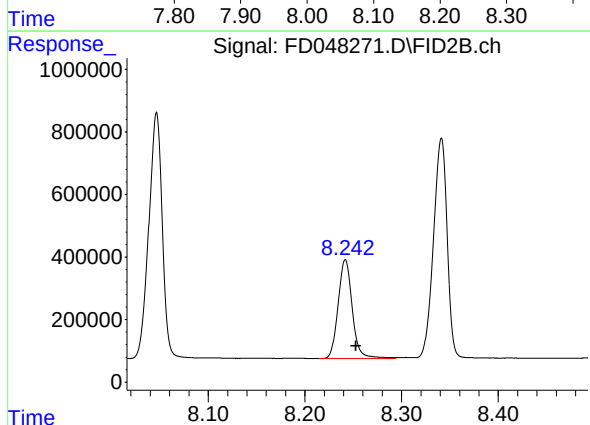
#5 Acenaphthylene (C15.06)

R.T.: 8.046 min
Delta R.T.: -0.005 min
Response: 7630143
Conc: 44.31 ug/ml

Instrument :
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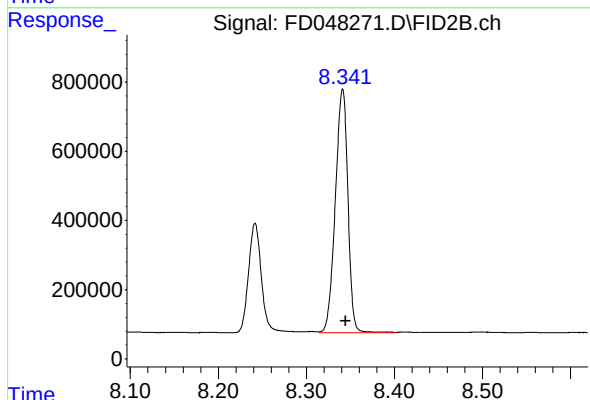
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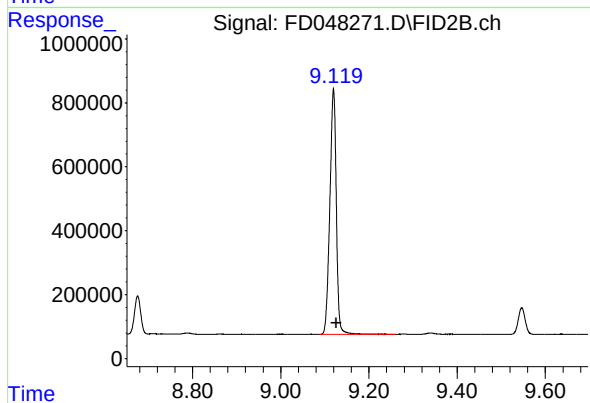
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.242 min
Delta R.T.: -0.011 min
Response: 3229339
Conc: 33.74 ug/ml



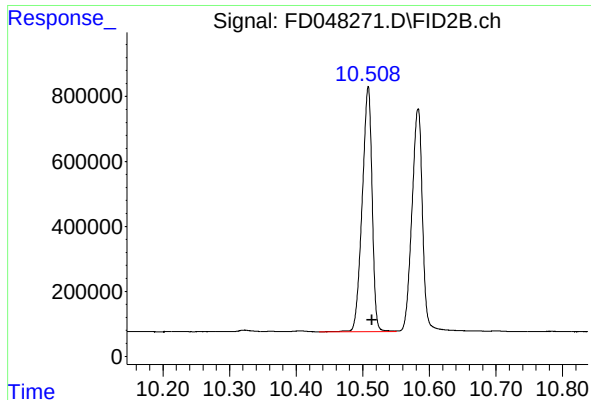
#7 Acenaphthene (C15.5)

R.T.: 8.341 min
Delta R.T.: -0.004 min
Response: 7007757
Conc: 40.47 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.120 min
Delta R.T.: -0.006 min
Response: 7834632
Conc: 47.51 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.508 min
Delta R.T.: -0.006 min
Response: 7781623
Conc: 48.62 ug/ml

Instrument :

FID_D

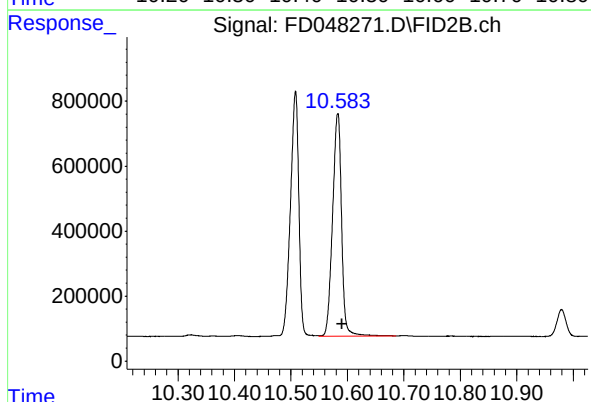
ClientSampleId :

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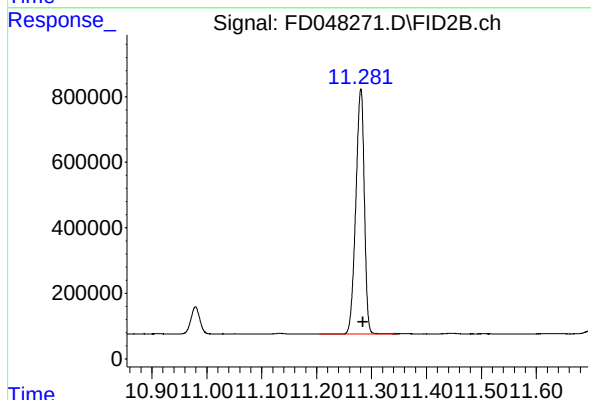
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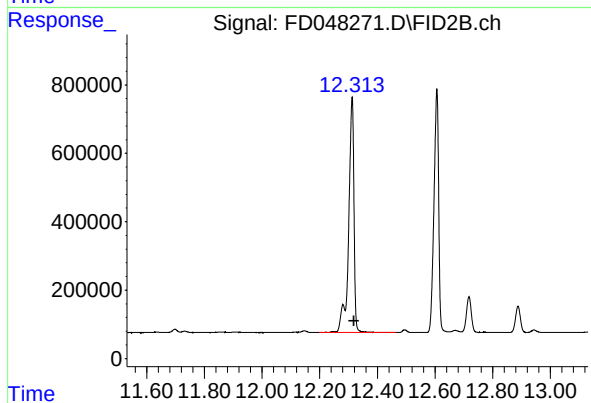
#10 Anthracene (C19.43)

R.T.: 10.583 min
Delta R.T.: -0.008 min
Response: 7580778
Conc: 48.33 ug/ml



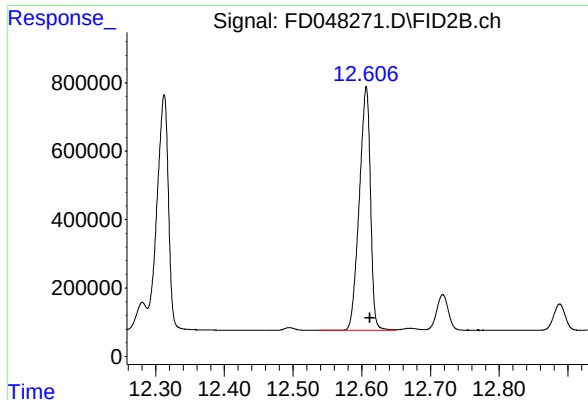
#11 ortho-Terphenyl (SURR)

R.T.: 11.280 min
Delta R.T.: -0.004 min
Response: 8071022
Conc: 47.91 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.312 min
Delta R.T.: -0.007 min
Response: 8872638
Conc: 55.73 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.606 min
Delta R.T.: -0.006 min
Response: 8033319
Conc: 51.19 ug/ml

Instrument :

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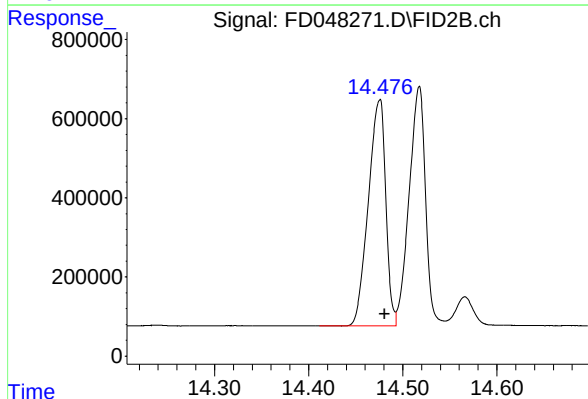
ClientSampleId :

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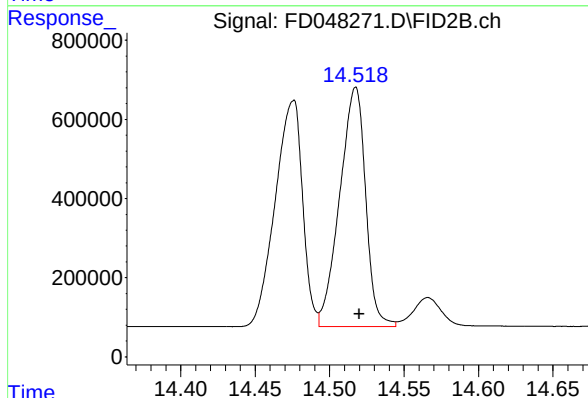
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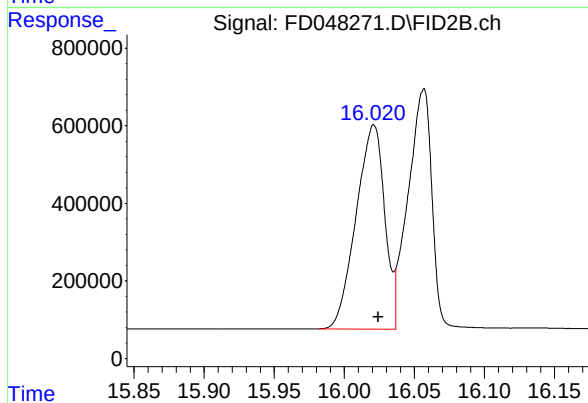
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.475 min
Delta R.T.: -0.006 min
Response: 7321770
Conc: 51.98 ug/ml



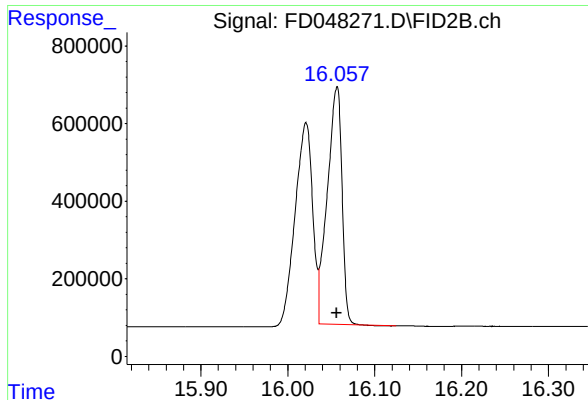
#15 Chrysene (C27.41)

R.T.: 14.517 min
Delta R.T.: -0.003 min
Response: 7320982
Conc: 45.93 ug/ml



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

R.T.: 16.020 min
Delta R.T.: -0.004 min
Response: 7537696
Conc: 50.77 ug/ml m



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

R.T.: 16.056 min
Delta R.T.: 0.000 min
Response: 7163807
Conc: 48.29 ug/ml

Instrument :

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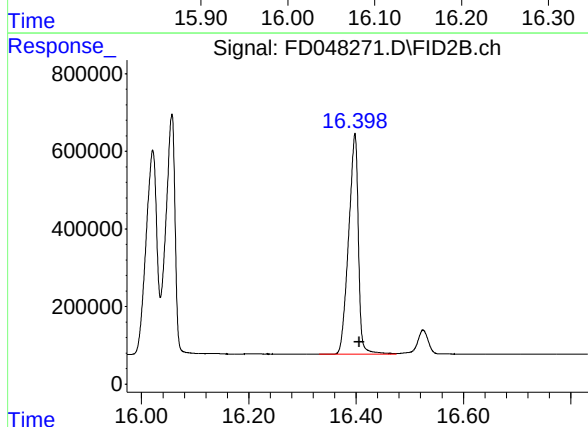
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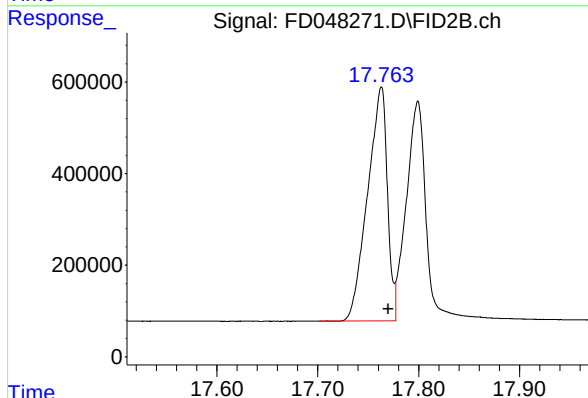
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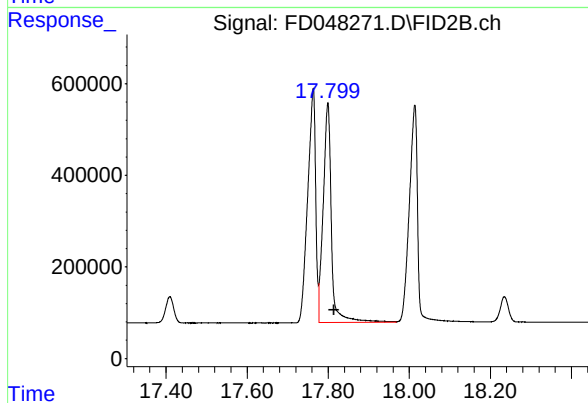
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.397 min
Delta R.T.: -0.009 min
Response: 7202804
Conc: 48.91 ug/ml



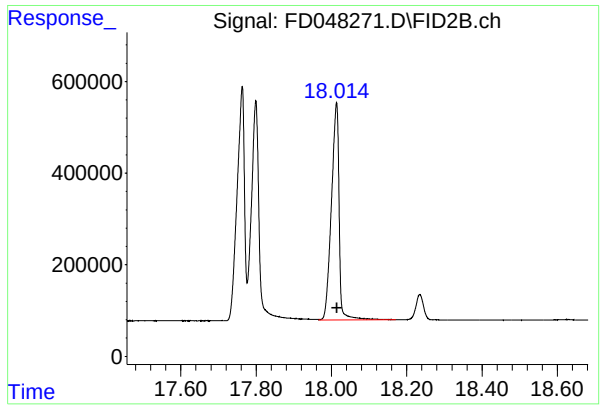
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.762 min
Delta R.T.: -0.008 min
Response: 6967415
Conc: 57.00 ug/ml



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

R.T.: 17.799 min
Delta R.T.: -0.016 min
Response: 6764504
Conc: 44.28 ug/ml



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

R.T.: 18.013 min
Delta R.T.: -0.002 min
Response: 6758937
Conc: 44.76 ug/ml

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