

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052324AR\
 Data File : FD047848.D
 Signal(s) : FID2B.ch
 Acq On : 24 May 2024 07:43
 Operator : YP/AJ
 Sample : P2560-10MS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

INT-PE2MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :Ankita Jodhani 05/28/2024

Integration File: autoint1.e

Quant Time: May 24 08:54:03 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M

Quant Title : GC Extractables

QLast Update : Tue May 21 19:00:48 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...	7.451	7825039	55.737 ug/mlm
Spiked Amount 50.000		Recovery =	111.47%
6) S 2-Fluorobiphenyl (SURR)	8.308	5469727	59.061 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	118.12%
11) S ortho-Terphenyl (SURR)	11.381	15044454	94.095 ug/mlm
Spiked Amount 50.000		Recovery =	188.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.261	4976895	31.512 ug/ml
2) T Naphthalene (C11.7)	5.787	6131932	37.567 ug/ml
3) T 2-Methylnaphthalene (...)	6.838	7280855	44.185 ug/mlm
5) T Acenaphthylene (C15.06)	8.110	7263661	44.441 ug/mlm
7) T Acenaphthene (C15.5)	8.408	8008380	49.047 ug/mlm
8) T Flouorene (C16.55)	9.194	10984383	69.824 ug/mlm
9) T Phenanthrene (C19.36)	10.607	23036335	149.386 ug/mlm
10) T Anthracene (C19.43)	10.683	11533080	76.717 ug/mlm
12) T Fluoranthene (C21.85)	12.383	2694865	17.758 ug/mlm
13) T Pyrene (C20.8)	12.731	15377970	102.006 ug/mlm
14) T Benzo[a]anthracene (C...	14.566	11615667	84.734 ug/mlm
15) T Chrysene (C27.41)	14.612	11236030	76.270 ug/mlm
16) T benzo[b]fluoranthene ...	16.110	11995075	85.228 ug/ml
17) T Bnezo[k]fluoranthene ...	16.140	8209230	60.283 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.484	9903252	71.547 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.847	9141417	79.296 ug/ml
20) T Dibenz[a,h]anthracene...	17.883	7004837	52.532 ug/ml
21) T Benzo[g,h,i]perylene ...	18.101	7821578	58.814 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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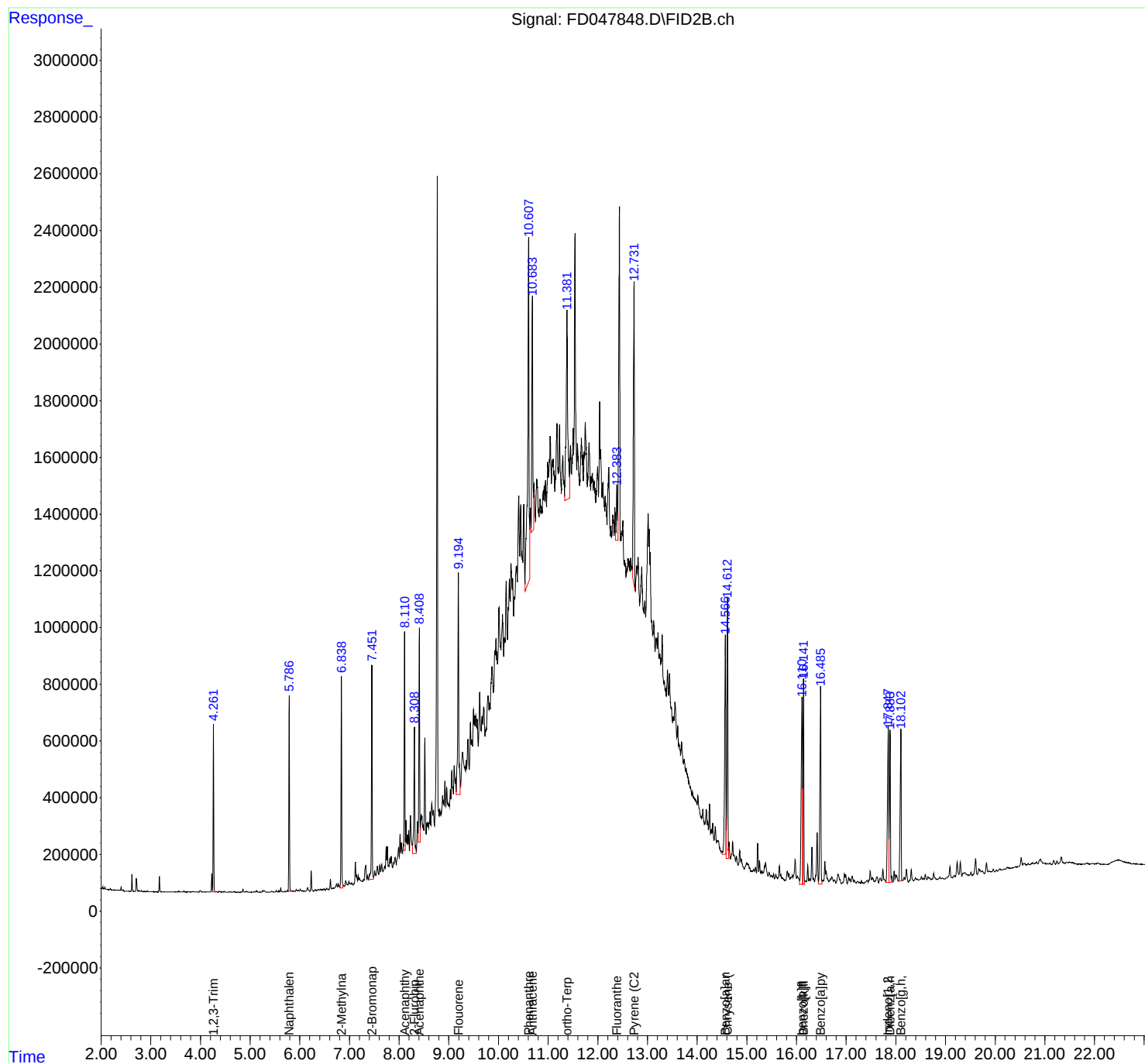
Response via : Initial Calibration

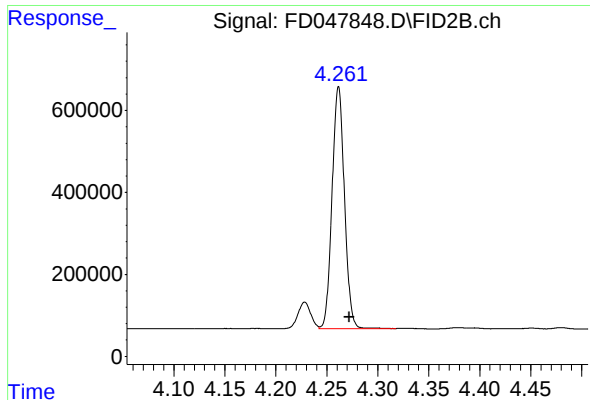
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





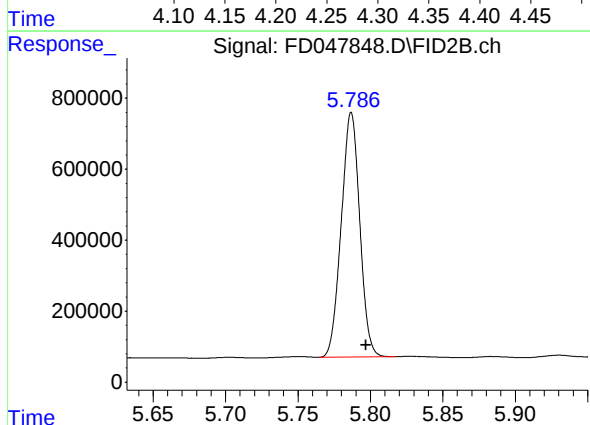
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.261 min
Delta R.T.: -0.011 min
Response: 4976895
Conc: 31.51 ug/ml

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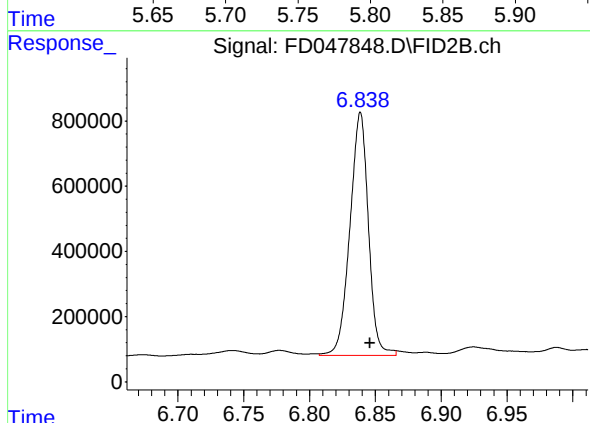
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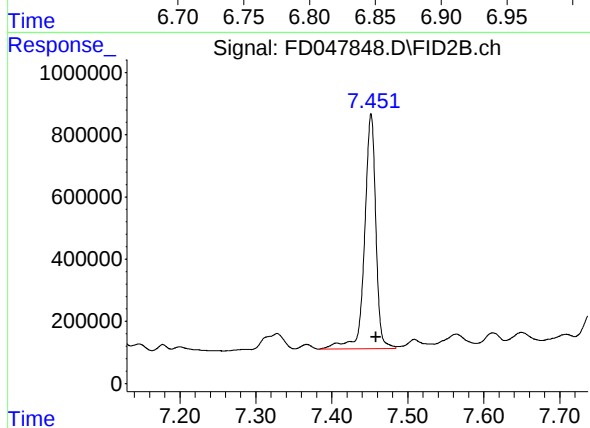
#2 Naphthalene (C11.7)

R.T.: 5.787 min
Delta R.T.: -0.010 min
Response: 6131932
Conc: 37.57 ug/ml



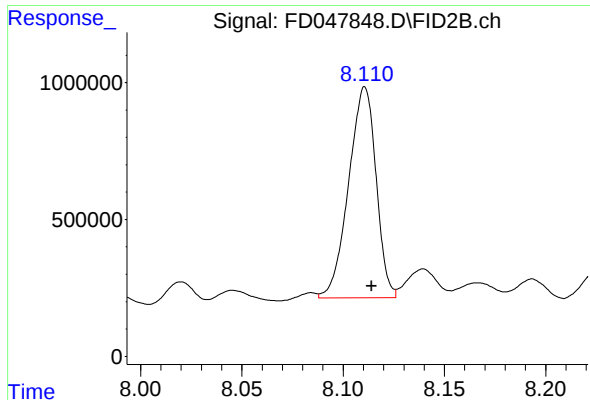
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.838 min
Delta R.T.: -0.008 min
Response: 7280855
Conc: 44.19 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.451 min
Delta R.T.: -0.007 min
Response: 7825039
Conc: 55.74 ug/ml m



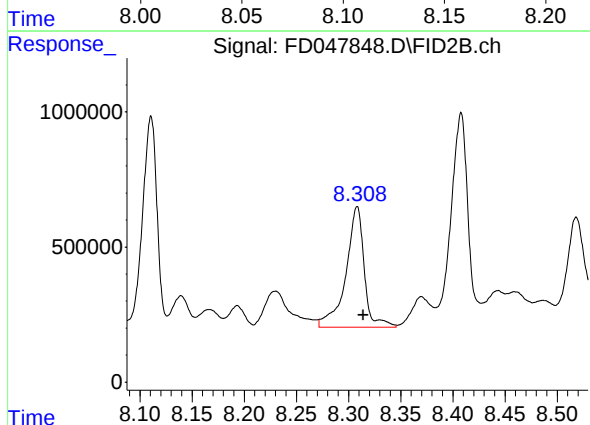
#5 Acenaphthylene (C15.06)

R.T.: 8.110 min
Delta R.T.: -0.004 min
Response: 7263661
Conc: 44.44 ug/ml

Instrument :
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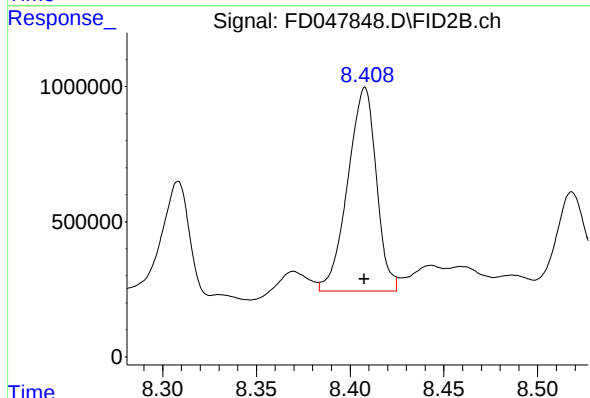
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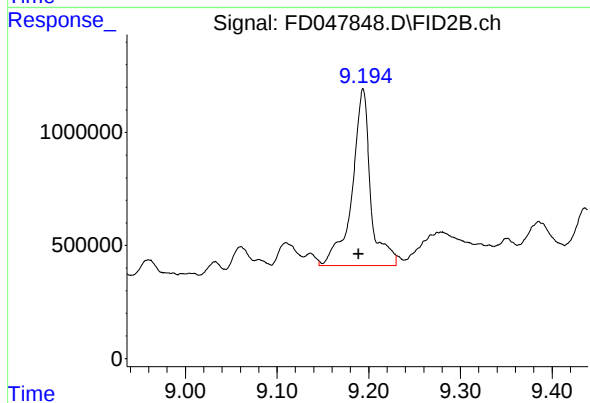
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.308 min
Delta R.T.: -0.006 min
Response: 5469727
Conc: 59.06 ug/ml m



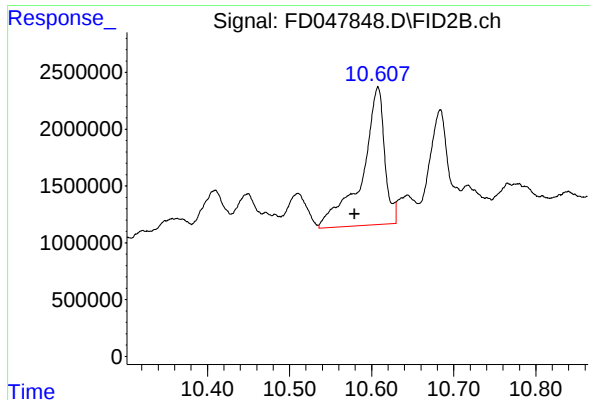
#7 Acenaphthene (C15.5)

R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 8008380
Conc: 49.05 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.194 min
Delta R.T.: 0.005 min
Response: 10984383
Conc: 69.82 ug/ml m



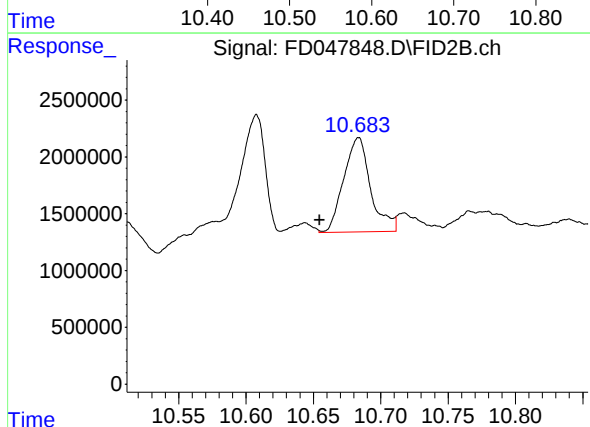
#9 Phenanthrene (C19.36)

R.T.: 10.607 min
Delta R.T.: 0.028 min
Response: 23036335
Conc: 149.39 ug/ml

Instrument :
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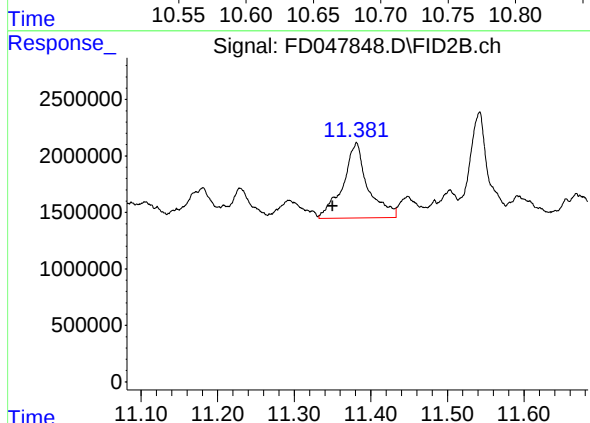
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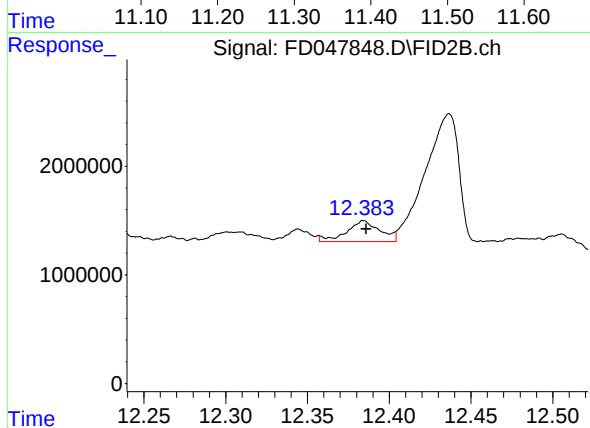
#10 Anthracene (C19.43)

R.T.: 10.683 min
Delta R.T.: 0.028 min
Response: 11533080
Conc: 76.72 ug/ml



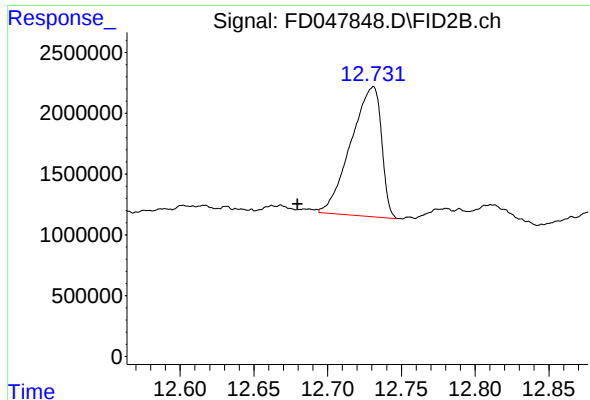
#11 ortho-Terphenyl (SURR)

R.T.: 11.381 min
Delta R.T.: 0.031 min
Response: 15044454
Conc: 94.09 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.383 min
Delta R.T.: -0.003 min
Response: 2694865
Conc: 17.76 ug/ml



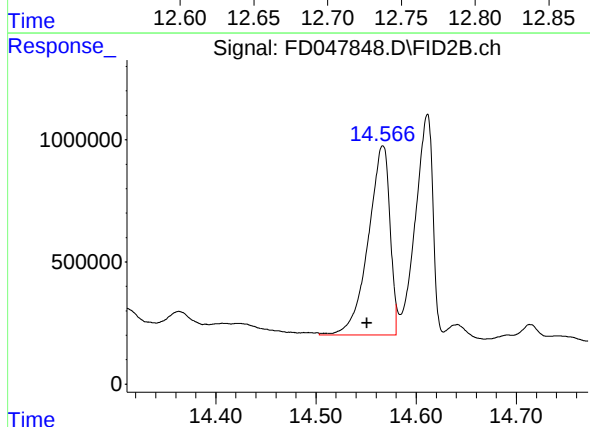
#13 Pyrene (C20.8)

R.T.: 12.731 min
Delta R.T.: 0.051 min
Response: 15377970
Conc: 102.01 ug/ml

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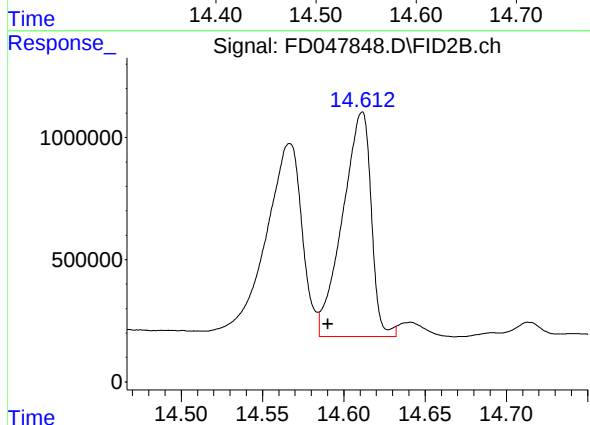
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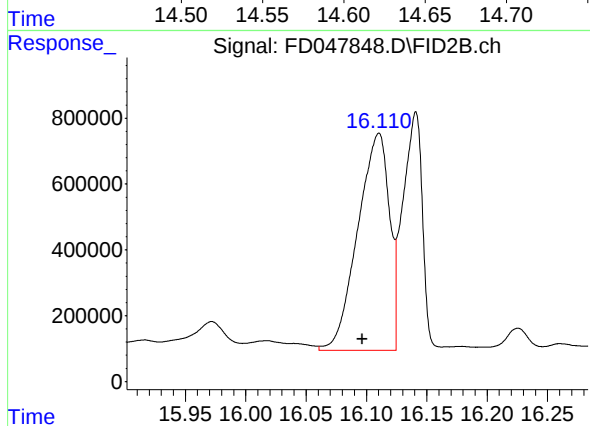
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.566 min
Delta R.T.: 0.015 min
Response: 11615667
Conc: 84.73 ug/ml m



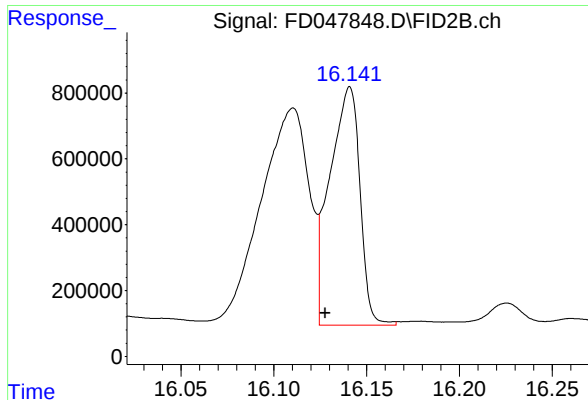
#15 Chrysene (C27.41)

R.T.: 14.612 min
Delta R.T.: 0.021 min
Response: 11236030
Conc: 76.27 ug/ml m



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

R.T.: 16.110 min
Delta R.T.: 0.013 min
Response: 11995075
Conc: 85.23 ug/ml



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

R.T.: 16.140 min
Delta R.T.: 0.012 min
Response: 8209230
Conc: 60.28 ug/ml

Instrument :

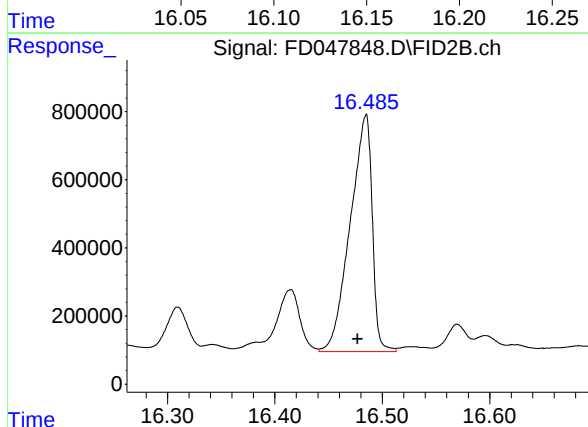
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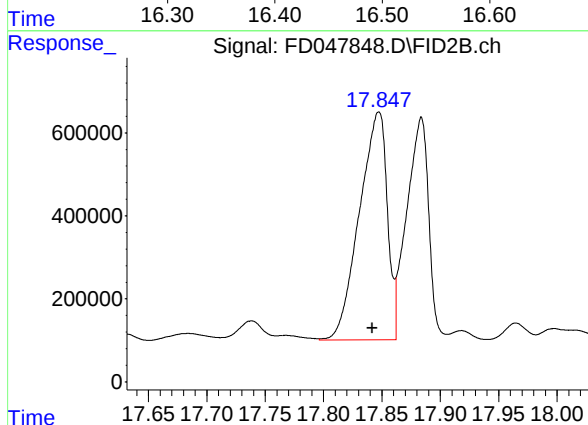
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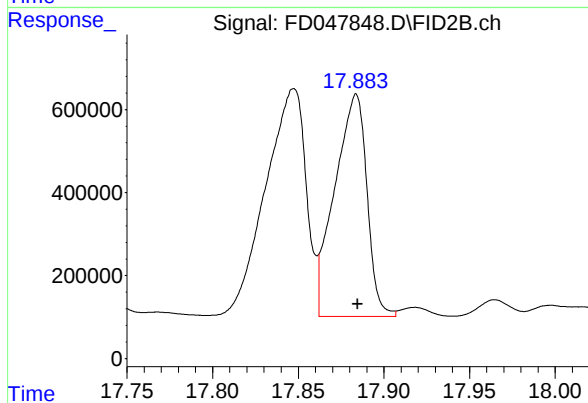
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.484 min
Delta R.T.: 0.006 min
Response: 9903252
Conc: 71.55 ug/ml



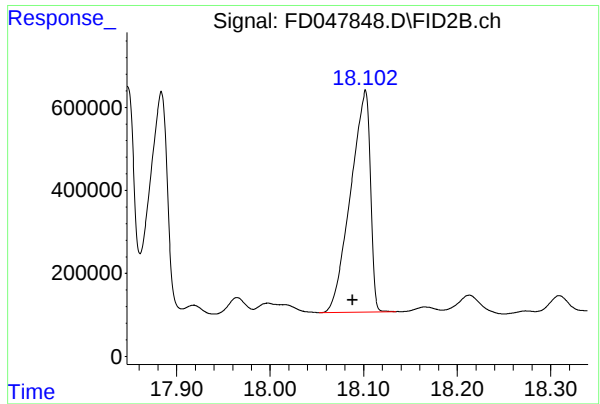
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.847 min
Delta R.T.: 0.005 min
Response: 9141417
Conc: 79.30 ug/ml



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

R.T.: 17.883 min
Delta R.T.: -0.002 min
Response: 7004837
Conc: 52.53 ug/ml



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

R.T.: 18.101 min
Delta R.T.: 0.012 min
Response: 7821578
Conc: 58.81 ug/ml

Instrument :

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