

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032924AR\
 Data File : FD047460.D
 Signal(s) : FID2B.ch
 Acq On : 29 Mar 2024 22:02
 Operator : YP/AJ
 Sample : P1880-01MSD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

YANUZZI-GROUPMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/01/2024

Supervised By :Ankita Jodhani 04/01/2024

Integration File: autoint1.e

Quant Time: Mar 30 04:27:24 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M

Quant Title : GC Extractables

QLast Update : Mon Mar 04 13:13:44 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...	7.463	7145280	43.262 ug/ml
Spiked Amount 50.000		Recovery =	86.52%
6) S 2-Fluorobiphenyl (SURR)	8.317	4121800	38.737 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.47%
11) S ortho-Terphenyl (SURR)	11.352	4447915	23.834 ug/mlm
Spiked Amount 50.000		Recovery =	47.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	3156502	17.761 ug/ml
2) T Naphthalene (C11.7)	5.801	3940102	21.605 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	4323076	23.704 ug/ml
5) T Acenaphthylene (C15.06)	8.119	4505777	27.026 ug/ml
7) T Acenaphthene (C15.5)	8.414	4570675	25.943 ug/ml
8) T Flouorene (C16.55)	9.193	4729496	28.077 ug/ml
9) T Phenanthrene (C19.36)	10.582	4871824	30.082 ug/ml
10) T Anthracene (C19.43)	10.657	4493834	30.535 ug/ml
12) T Fluoranthene (C21.85)	12.386	4929787	30.923 ug/ml
13) T Pyrene (C20.8)	12.680	4762952	30.786 ug/ml
14) T Benzo[a]anthracene (C...	14.546	4103641	30.272 ug/ml
15) T Chrysene (C27.41)	14.588	4075490	27.454 ug/ml
16) T benzo[b]fluoranthene ...	16.094	4197343	29.900 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.124	3644911	25.739 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.468	3526509	25.529 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.832	3699035	29.596 ug/mlm
20) T Dibenz[a,h]anthracene...	17.871	3433070	26.033 ug/ml
21) T Benzo[g,h,i]perylene ...	18.084	3031282	22.560 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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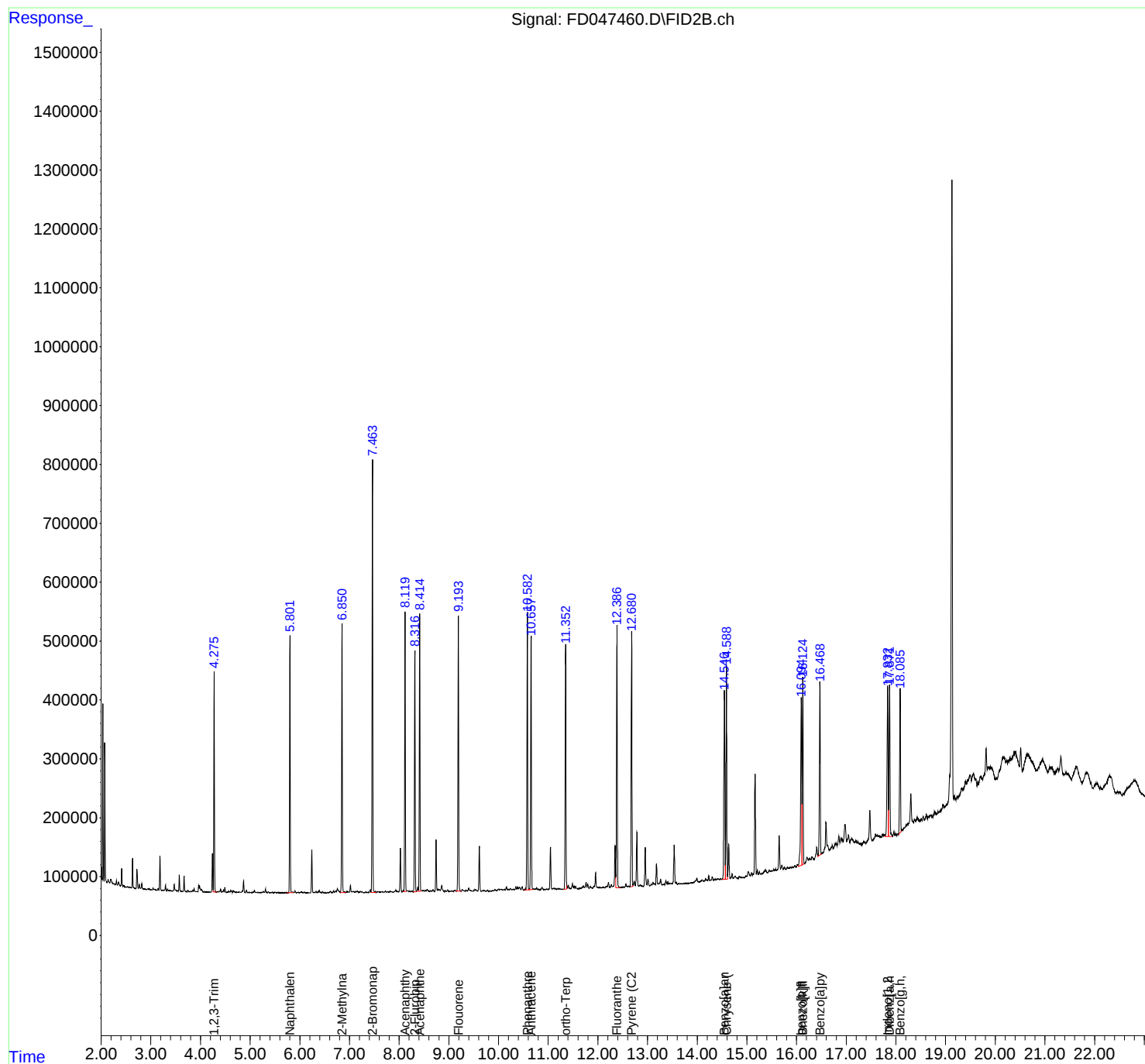
Instrument :
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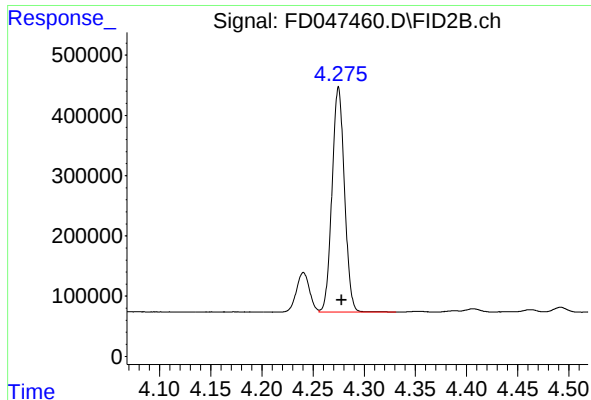
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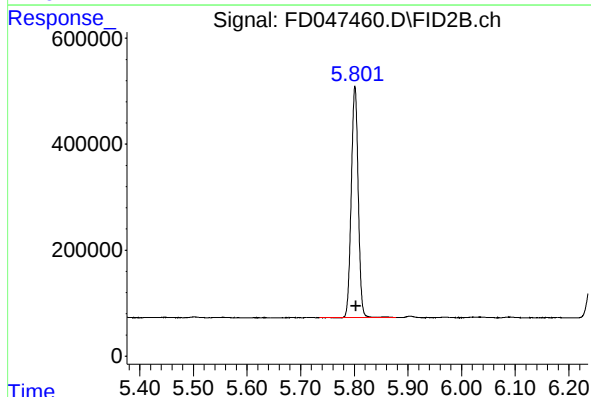
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.275 min
Delta R.T.: -0.003 min
Response: 3156502
Conc: 17.76 ug/ml

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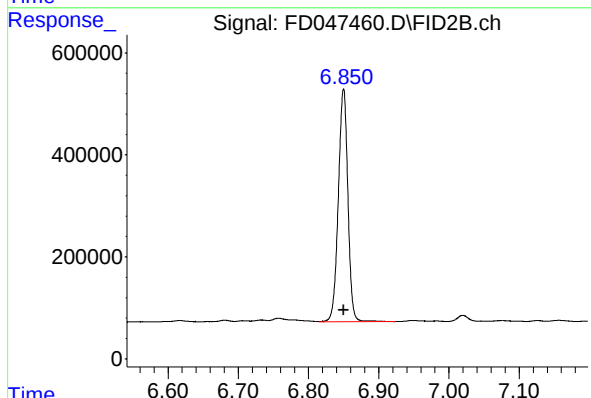
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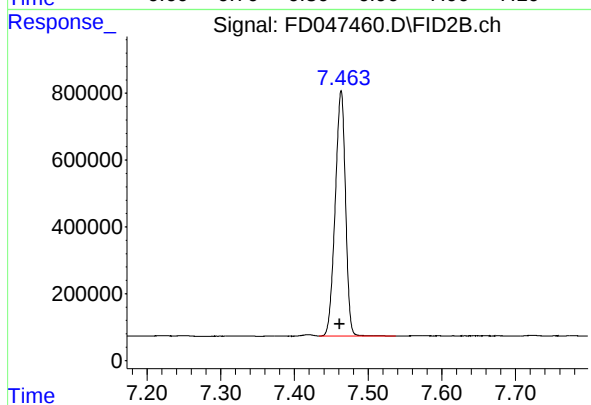
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: -0.002 min
Response: 3940102
Conc: 21.61 ug/ml



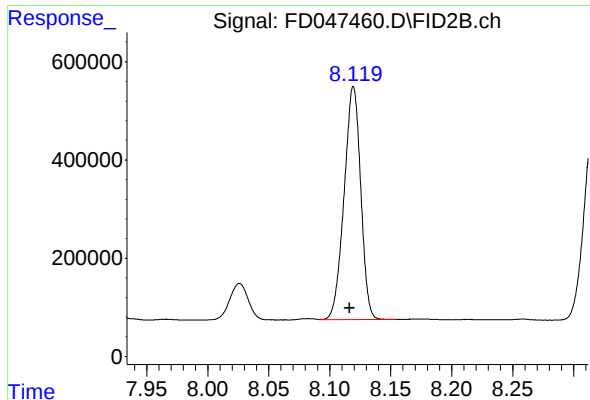
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 4323076
Conc: 23.70 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: 0.002 min
Response: 7145280
Conc: 43.26 ug/ml



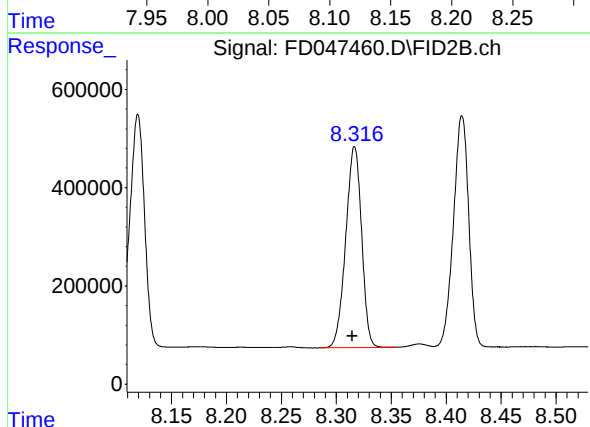
#5 Acenaphthylene (C15.06)

R.T.: 8.119 min
Delta R.T.: 0.003 min
Response: 4505777
Conc: 27.03 ug/ml

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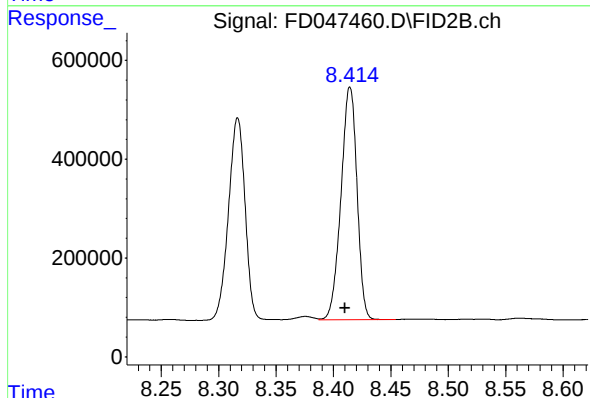
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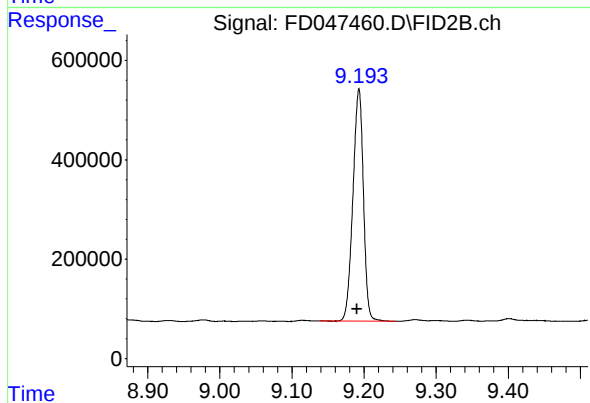
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
Delta R.T.: 0.002 min
Response: 4121800
Conc: 38.74 ug/ml



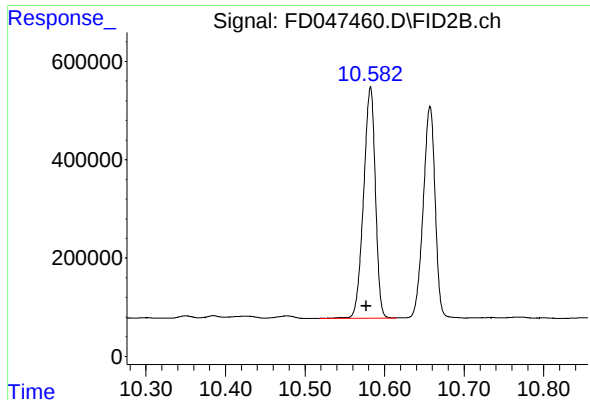
#7 Acenaphthene (C15.5)

R.T.: 8.414 min
Delta R.T.: 0.004 min
Response: 4570675
Conc: 25.94 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.193 min
Delta R.T.: 0.003 min
Response: 4729496
Conc: 28.08 ug/ml



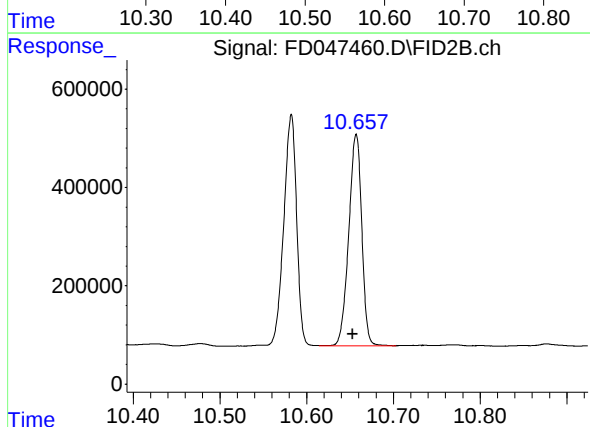
#9 Phenanthrene (C19.36)

R.T.: 10.582 min
Delta R.T.: 0.005 min
Response: 4871824
Conc: 30.08 ug/ml

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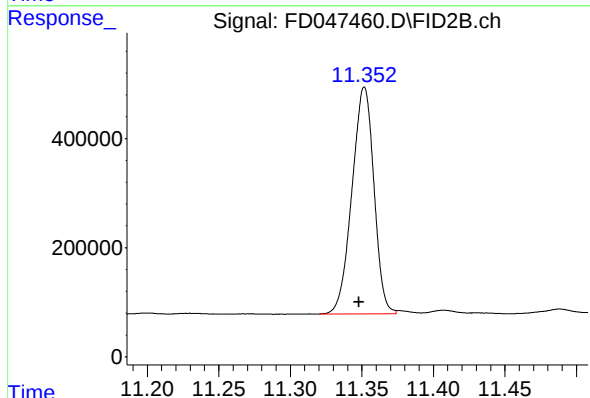
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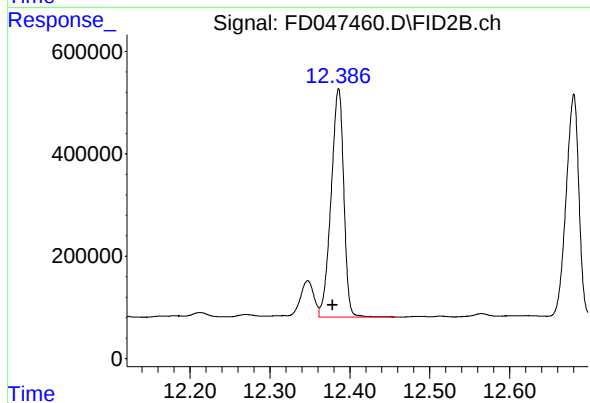
#10 Anthracene (C19.43)

R.T.: 10.657 min
Delta R.T.: 0.004 min
Response: 4493834
Conc: 30.53 ug/ml



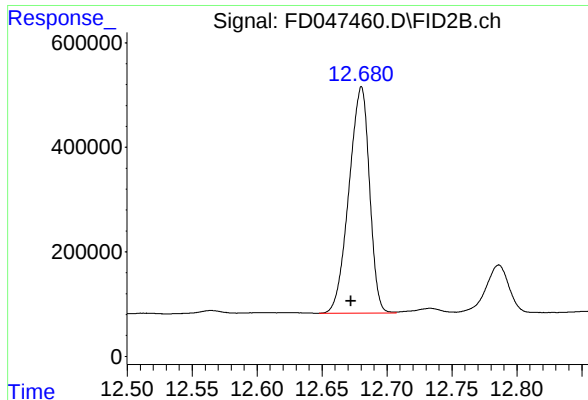
#11 ortho-Terphenyl (SURRE)

R.T.: 11.352 min
Delta R.T.: 0.004 min
Response: 4447915
Conc: 23.83 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.386 min
Delta R.T.: 0.007 min
Response: 4929787
Conc: 30.92 ug/ml



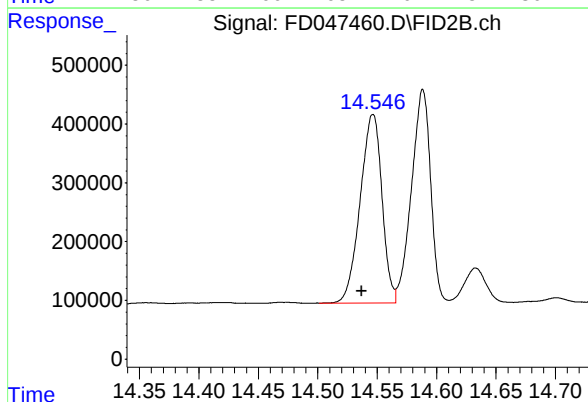
#13 Pyrene (C20.8)

R.T.: 12.680 min
Delta R.T.: 0.008 min
Response: 4762952
Conc: 30.79 ug/ml

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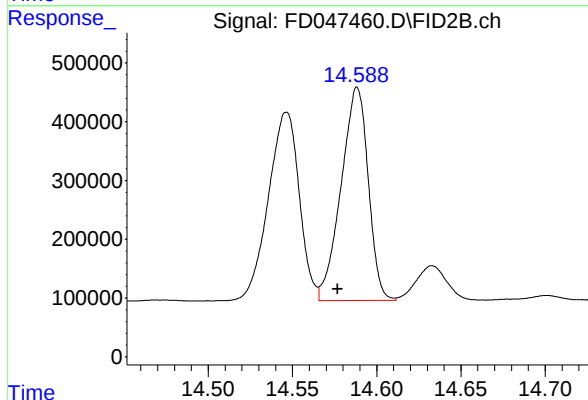
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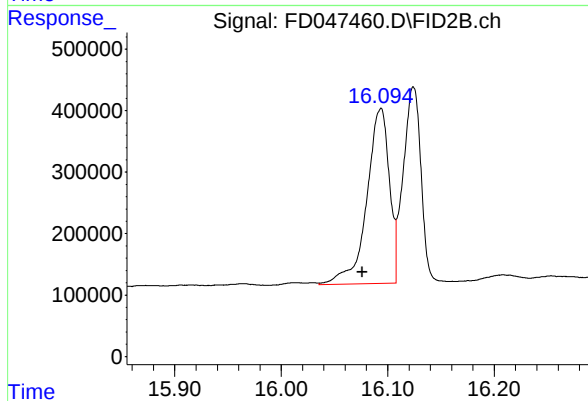
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.546 min
Delta R.T.: 0.009 min
Response: 4103641
Conc: 30.27 ug/ml



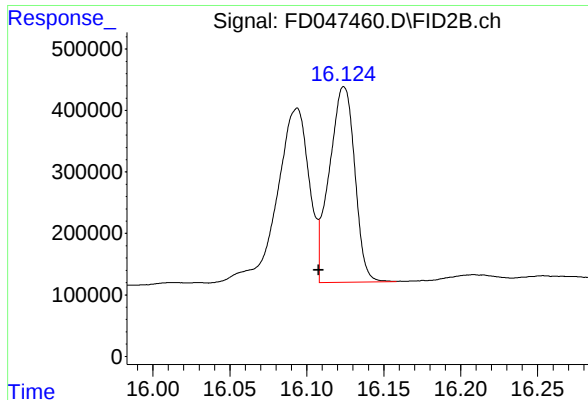
#15 Chrysene (C27.41)

R.T.: 14.588 min
Delta R.T.: 0.011 min
Response: 4075490
Conc: 27.45 ug/ml



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

R.T.: 16.094 min
Delta R.T.: 0.018 min
Response: 4197343
Conc: 29.90 ug/ml m



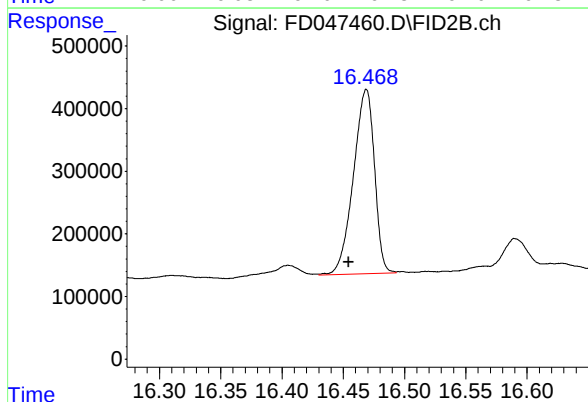
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.124 min
Delta R.T.: 0.016 min
Response: 3644911
Conc: 25.74 ug/ml

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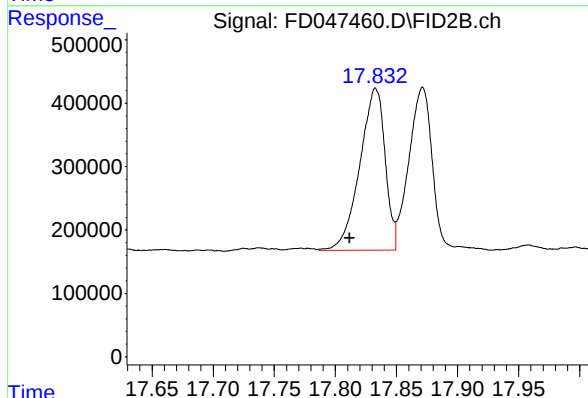
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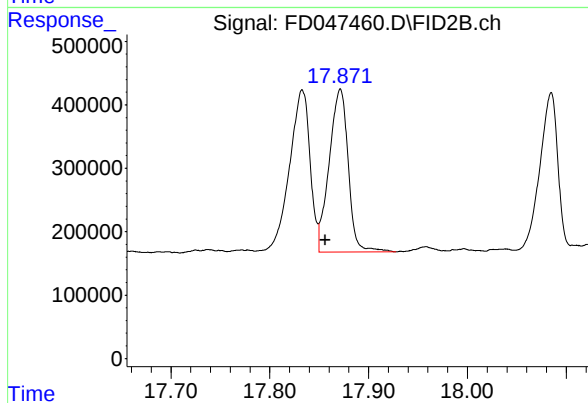
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.468 min
Delta R.T.: 0.014 min
Response: 3526509
Conc: 25.53 ug/ml m



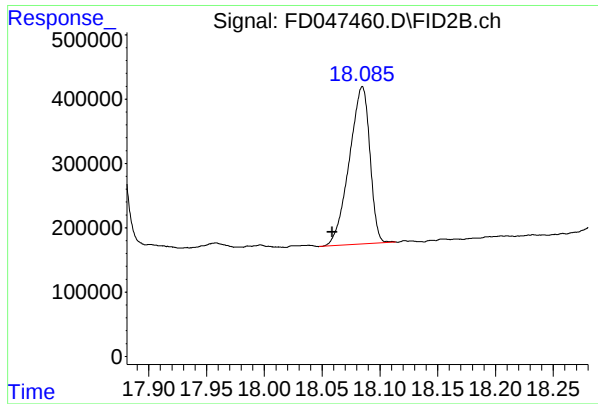
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.832 min
Delta R.T.: 0.021 min
Response: 3699035
Conc: 29.60 ug/ml m



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

R.T.: 17.871 min
Delta R.T.: 0.015 min
Response: 3433070
Conc: 26.03 ug/ml



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

R.T.: 18.084 min
Delta R.T.: 0.025 min
Response: 3031282
Conc: 22.56 ug/ml

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