

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022624AR\
 Data File : FD047320.D
 Signal(s) : FID2B.ch
 Acq On : 26 Feb 2024 21:25
 Operator : YP/AJ
 Sample : P1538-08MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06M

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :Ankita Jodhani 02/27/2024

Integration File: autoint1.e

Quant Time: Feb 27 03:06:49 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M

Quant Title : GC Extractables

QLast Update : Thu Feb 08 13:43:49 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...	7.469	13556392	89.045 ug/mlm
Spiked Amount 50.000		Recovery =	178.09%
6) S 2-Fluorobiphenyl (SURR)	8.321	8222021	81.342 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	162.68%#
11) S ortho-Terphenyl (SURR)	11.358	10875449	61.663 ug/ml
Spiked Amount 50.000		Recovery =	123.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.282	11355197	72.029 ug/ml
2) T Naphthalene (C11.7)	5.808	14183970	85.344 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	14959879	88.708 ug/ml
5) T Acenaphthylene (C15.06)	8.127	15850343	102.982 ug/ml
7) T Acenaphthene (C15.5)	8.424	15807894	95.904 ug/ml
8) T Flouorene (C16.55)	9.203	16455172	103.787 ug/ml
9) T Phenanthrene (C19.36)	10.593	16678269	107.355 ug/ml
10) T Anthracene (C19.43)	10.670	16435051	111.449 ug/ml
12) T Fluoranthene (C21.85)	12.398	16926533	109.322 ug/ml
13) T Pyrene (C20.8)	12.694	16888907	112.272 ug/ml
14) T Benzo[a]anthracene (C...	14.559	15825402	117.727 ug/ml
15) T Chrysene (C27.41)	14.607	15923372	108.742 ug/ml
16) T benzo[b]fluoranthene ...	16.103	15222438	110.560 ug/ml
17) T Bnezo[k]fluoranthene ...	16.145	15184278	109.430 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.482	14428683	106.582 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.845	15680299	124.204 ug/ml
20) T Dibenz[a,h]anthracene...	17.887	13611898	102.160 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.102	13850713	104.459 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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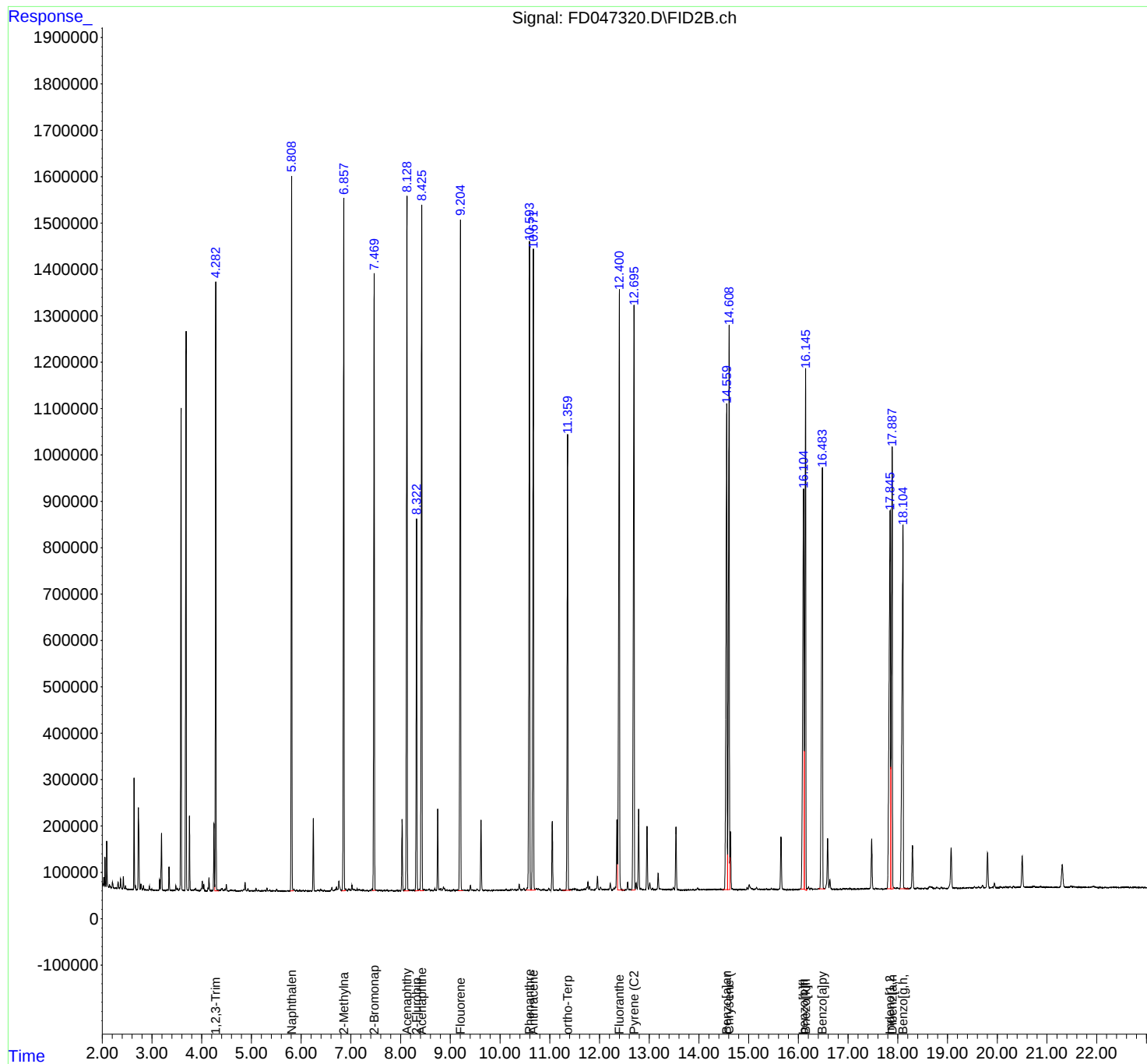
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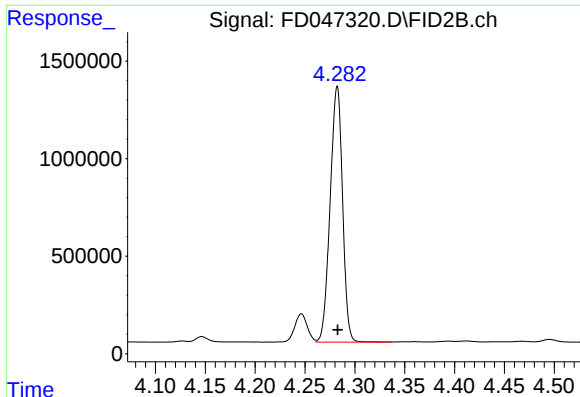
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.282 min
Delta R.T.: 0.000 min
Response: 11355197
Conc: 72.03 ug/ml

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FID_D

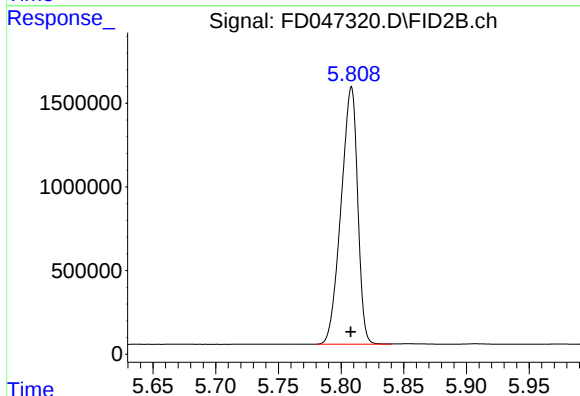
ClientSampleId :

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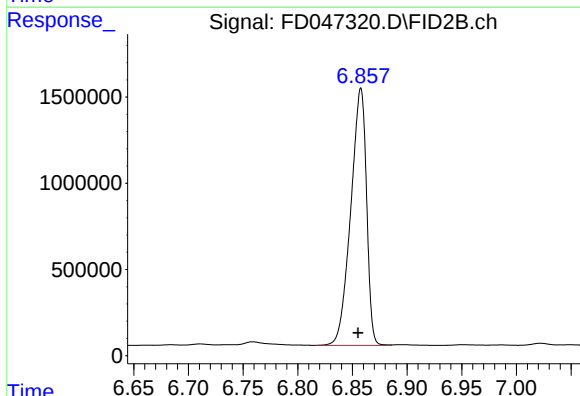
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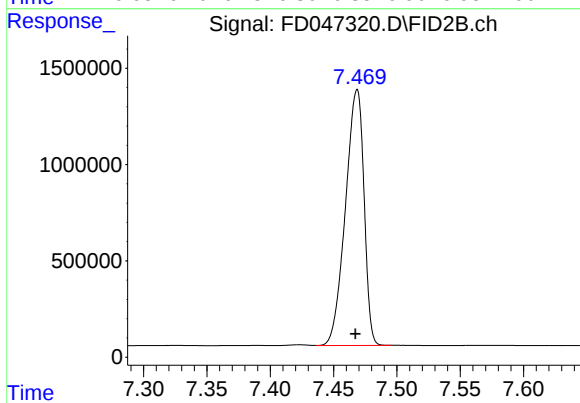
#2 Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 14183970
Conc: 85.34 ug/ml



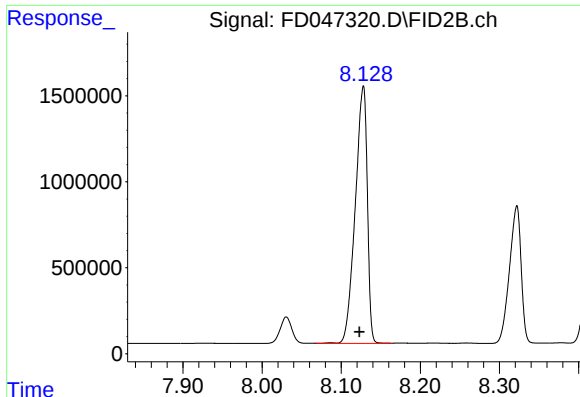
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: 0.002 min
Response: 14959879
Conc: 88.71 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.469 min
Delta R.T.: 0.001 min
Response: 13556392
Conc: 89.05 ug/ml m



#5 Acenaphthylene (C15.06)

R.T.: 8.127 min
Delta R.T.: 0.004 min
Response: 15850343
Conc: 102.98 ug/ml

Instrument :

FID_D

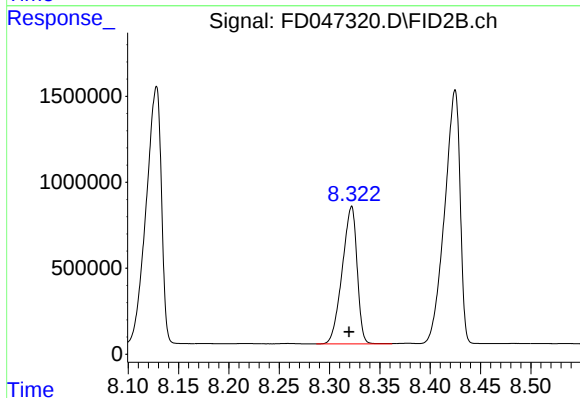
ClientSampleId :

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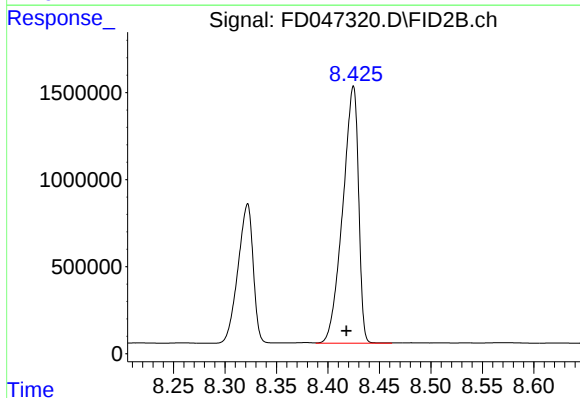
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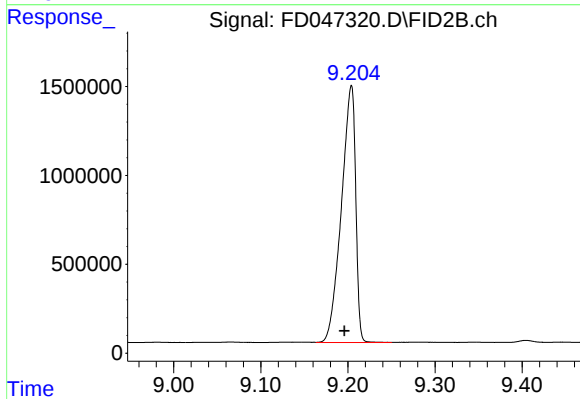
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.321 min
Delta R.T.: 0.002 min
Response: 8222021
Conc: 81.34 ug/ml



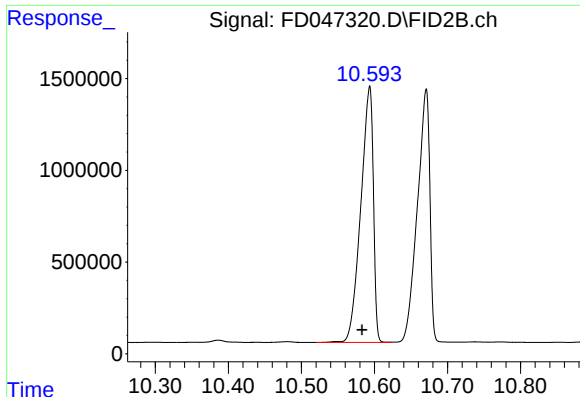
#7 Acenaphthene (C15.5)

R.T.: 8.424 min
Delta R.T.: 0.006 min
Response: 15807894
Conc: 95.90 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.203 min
Delta R.T.: 0.007 min
Response: 16455172
Conc: 103.79 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.593 min
Delta R.T.: 0.009 min
Response: 16678269
Conc: 107.35 ug/ml

Instrument :

FID_D

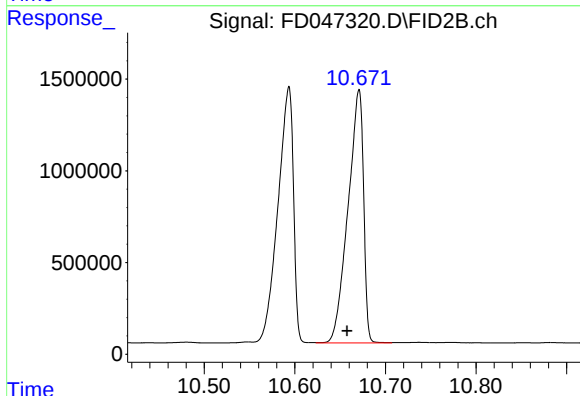
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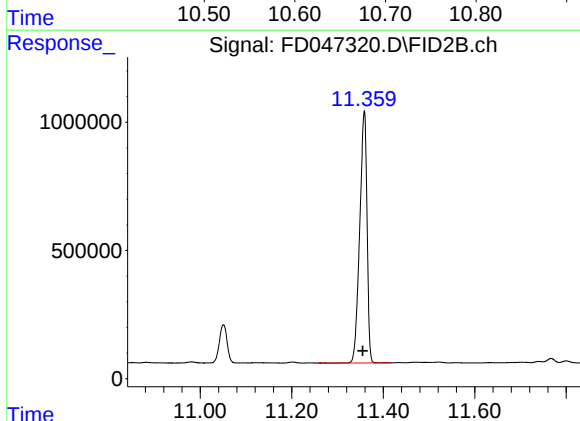
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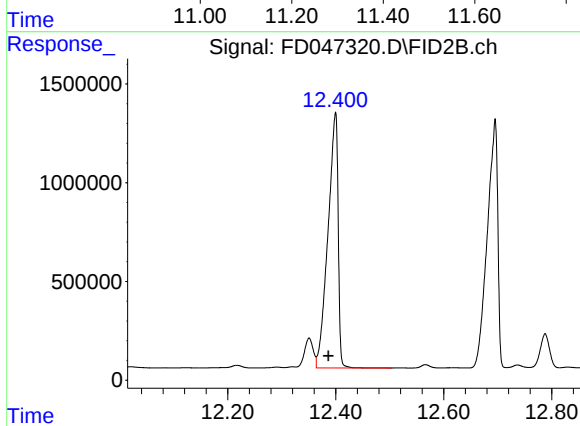
#10 Anthracene (C19.43)

R.T.: 10.670 min
Delta R.T.: 0.012 min
Response: 16435051
Conc: 111.45 ug/ml



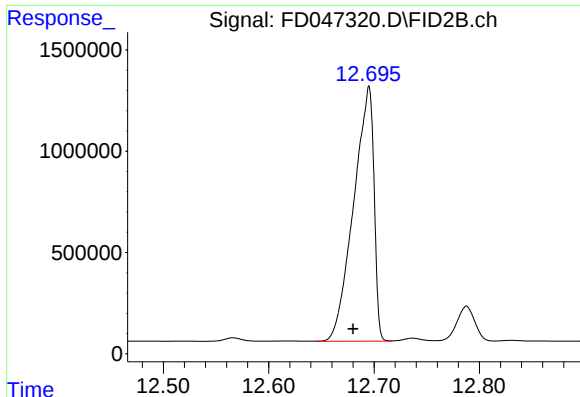
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: 0.003 min
Response: 10875449
Conc: 61.66 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.398 min
Delta R.T.: 0.012 min
Response: 16926533
Conc: 109.32 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.694 min
Delta R.T.: 0.014 min
Response: 16888907
Conc: 112.27 ug/ml

Instrument :

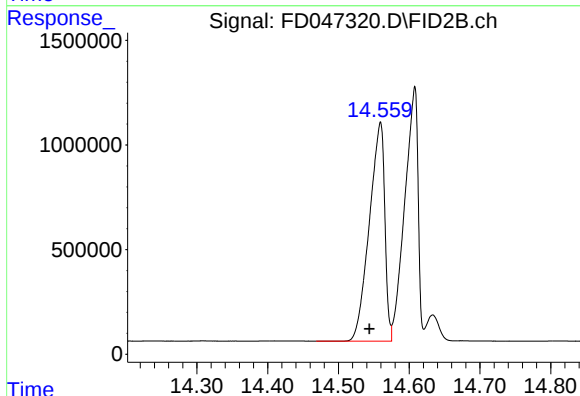
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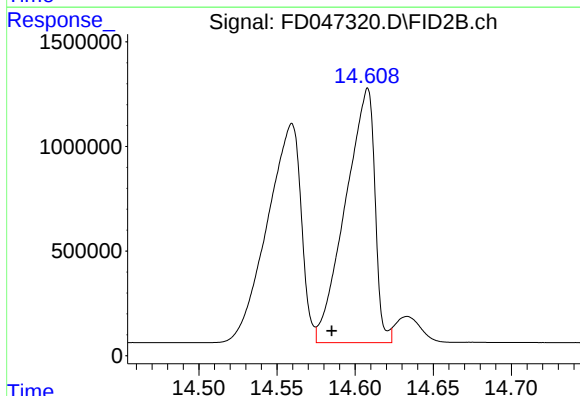
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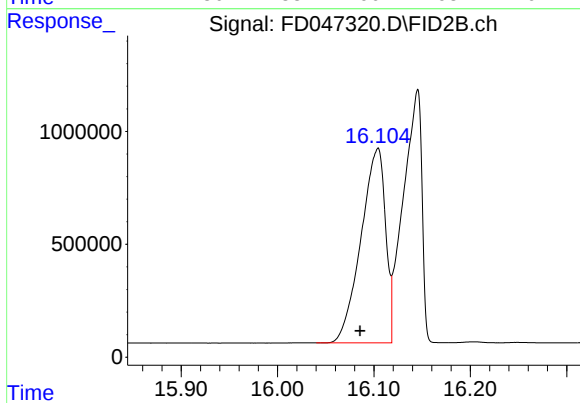
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.559 min
Delta R.T.: 0.015 min
Response: 15825402
Conc: 117.73 ug/ml



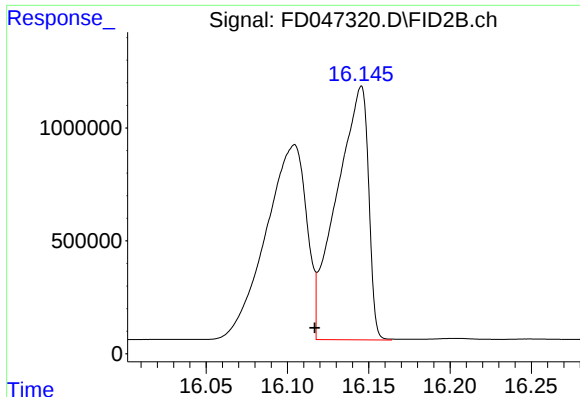
#15 Chrysene (C27.41)

R.T.: 14.607 min
Delta R.T.: 0.022 min
Response: 15923372
Conc: 108.74 ug/ml



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

R.T.: 16.103 min
Delta R.T.: 0.018 min
Response: 15222438
Conc: 110.56 ug/ml



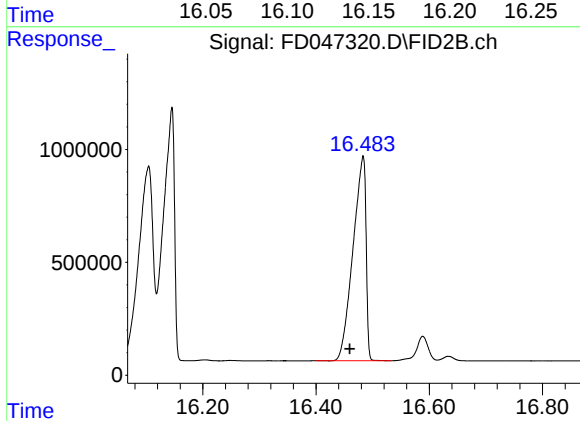
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.145 min
Delta R.T.: 0.029 min
Response: 15184278
Conc: 109.43 ug/ml

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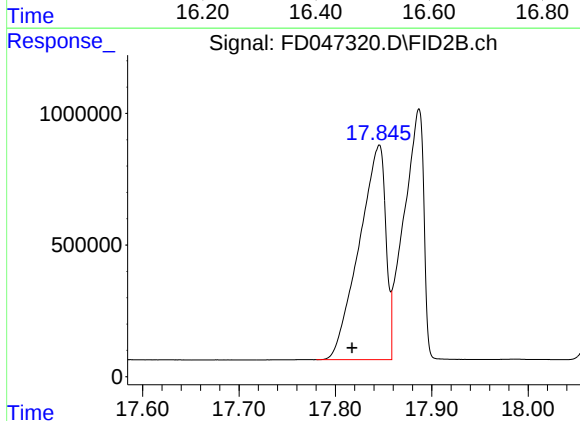
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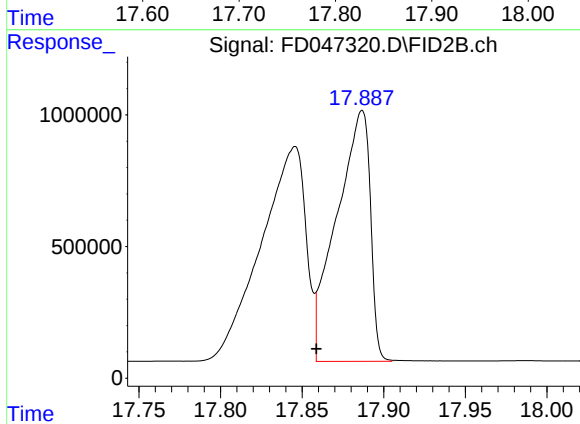
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.482 min
Delta R.T.: 0.022 min
Response: 14428683
Conc: 106.58 ug/ml



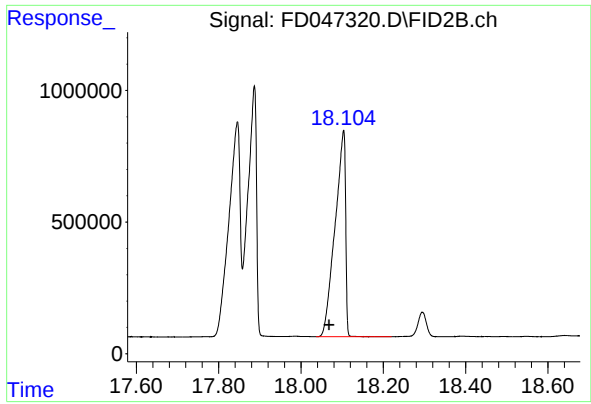
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.845 min
Delta R.T.: 0.027 min
Response: 15680299
Conc: 124.20 ug/ml



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

R.T.: 17.887 min
Delta R.T.: 0.028 min
Response: 13611898
Conc: 102.16 ug/ml m



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

R.T.: 18.102 min
Delta R.T.: 0.033 min
Response: 13850713
Conc: 104.46 ug/ml

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