

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022724AR\
 Data File : FD047348.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2024 18:45
 Operator : YP/AJ
 Sample : P1524-10MSD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/28/2024

Supervised By :Ankita Jodhani 02/28/2024

Integration File: autoint1.e

Quant Time: Feb 28 02:02:11 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...	7.468	13778854	90.506 ug/ml
Spiked Amount 50.000		Recovery =	181.01%
6) S 2-Fluorobiphenyl (SURR)	8.322	8542736	84.515 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	169.03%#
11) S ortho-Terphenyl (SURR)	11.361	14664719	83.148 ug/ml
Spiked Amount 50.000		Recovery =	166.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.286	15038391	95.392 ug/ml
2) T Naphthalene (C11.7)	5.810	18000151	108.306 ug/ml
3) T 2-Methylnaphthalene (...)	6.860	18469629	109.520 ug/ml
5) T Acenaphthylene (C15.06)	8.130	18915654	122.897 ug/ml
7) T Acenaphthene (C15.5)	8.426	18782648	113.951 ug/ml
8) T Flouorene (C16.55)	9.205	19222453	121.241 ug/ml
9) T Phenanthrene (C19.36)	10.595	18822214	121.155 ug/ml
10) T Anthracene (C19.43)	10.672	18679290	126.668 ug/ml
12) T Fluoranthene (C21.85)	12.401	18778208	121.282 ug/ml
13) T Pyrene (C20.8)	12.696	18828275	125.165 ug/ml
14) T Benzo[a]anthracene (C...	14.561	17868830	132.929 ug/ml
15) T Chrysene (C27.41)	14.610	17812441	121.643 ug/mlm
16) T benzo[b]fluoranthene ...	16.106	17230353	125.143 ug/ml
17) T Bnezo[k]fluoranthene ...	16.148	16913909	121.895 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.485	16360012	120.848 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.850	17926016	141.993 ug/ml
20) T Dibenz[a,h]anthracene...	17.890	15360041	115.280 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.107	15734124	118.663 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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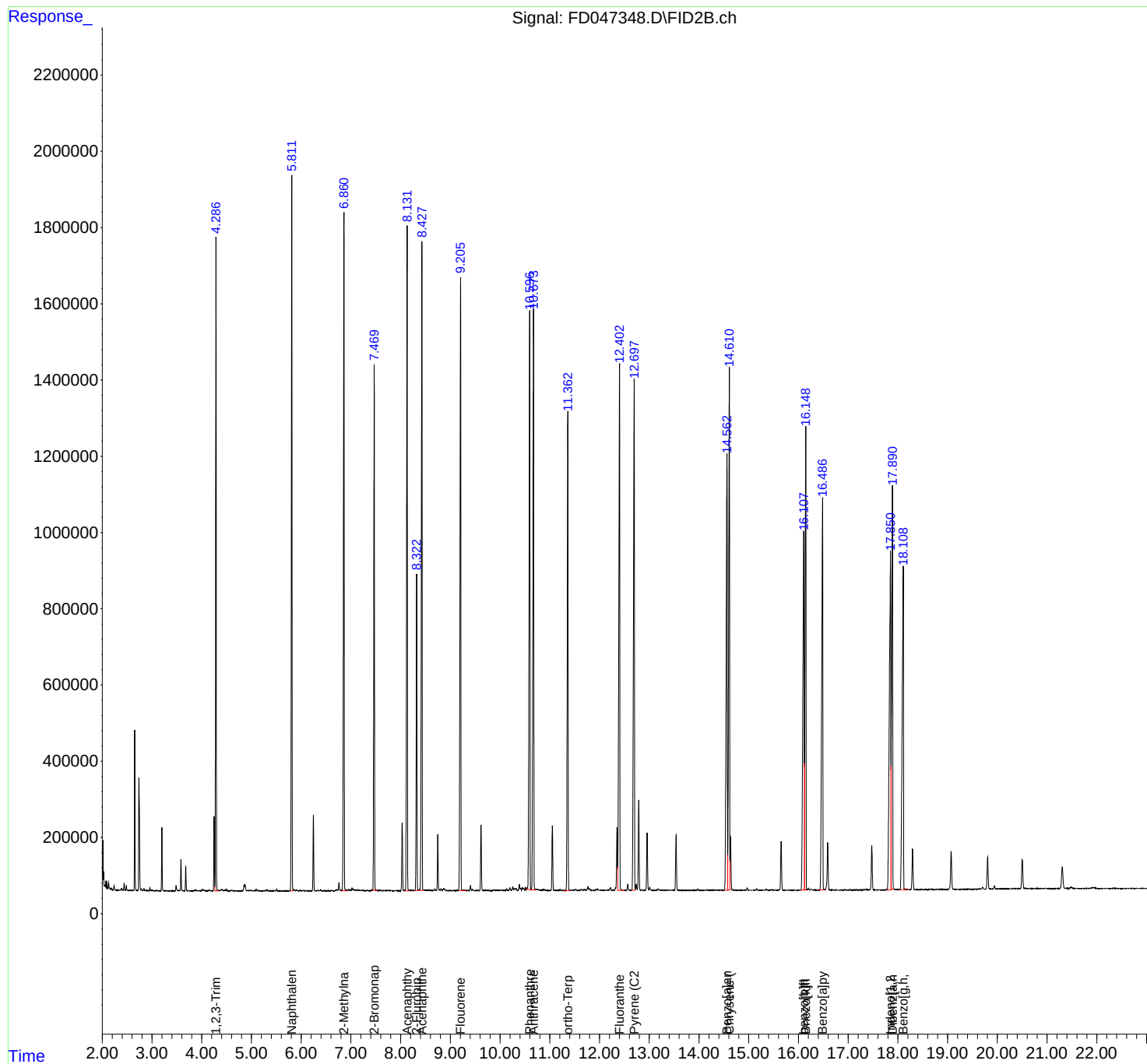
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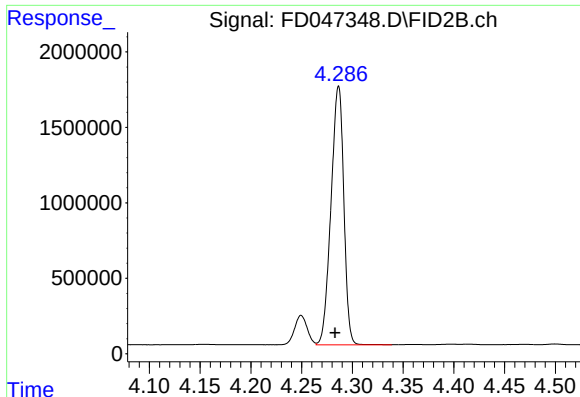
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.286 min
Delta R.T.: 0.003 min
Response: 15038391
Conc: 95.39 ug/ml

Instrument :

FID_D

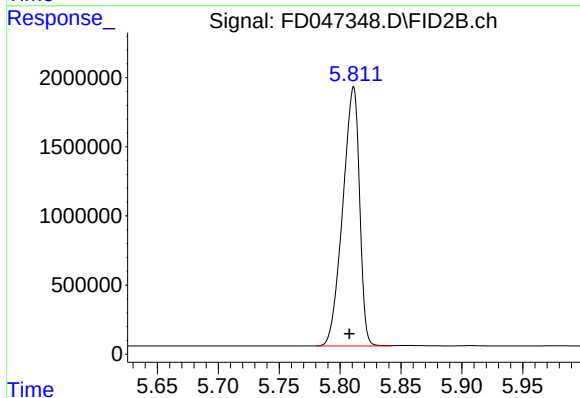
ClientSampleId :

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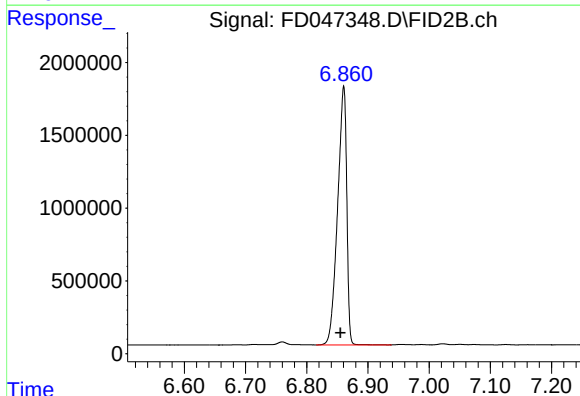
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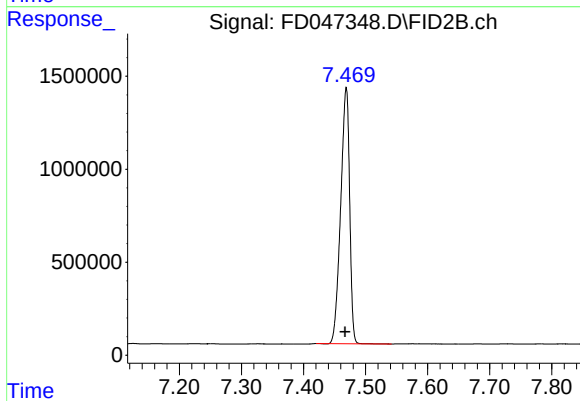
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: 0.003 min
Response: 18000151
Conc: 108.31 ug/ml



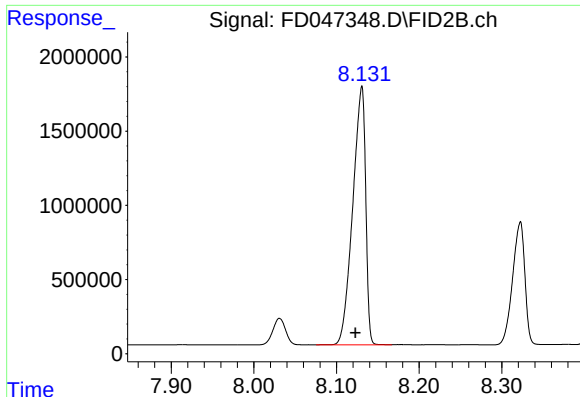
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.860 min
Delta R.T.: 0.005 min
Response: 18469629
Conc: 109.52 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.468 min
Delta R.T.: 0.001 min
Response: 13778854
Conc: 90.51 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.130 min
Delta R.T.: 0.007 min
Response: 18915654
Conc: 122.90 ug/ml

Instrument :

FID_D

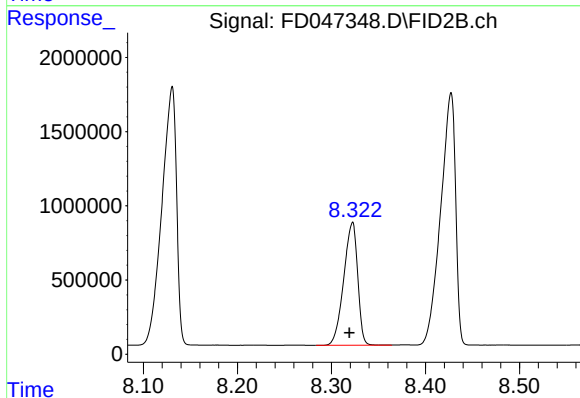
ClientSampleId :

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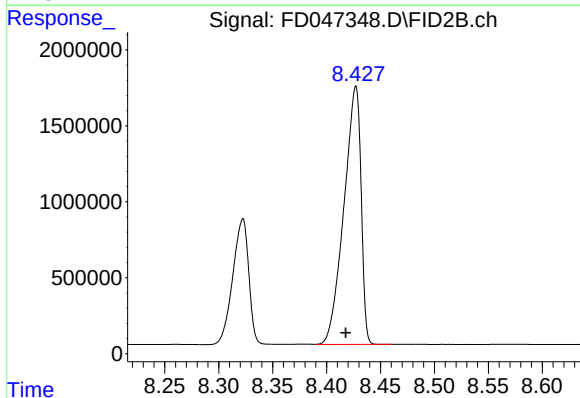
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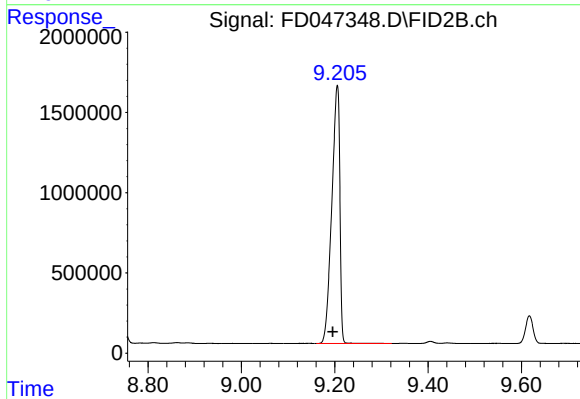
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: 0.003 min
Response: 8542736
Conc: 84.52 ug/ml



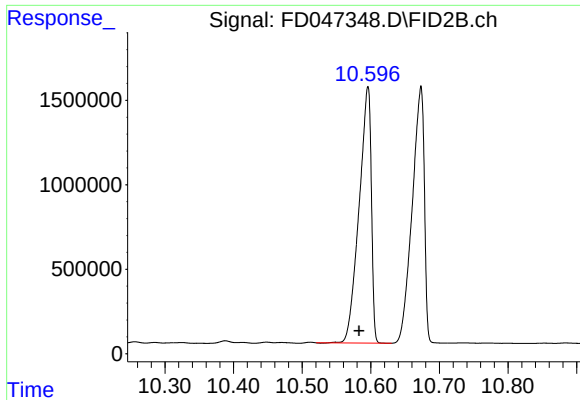
#7 Acenaphthene (C15.5)

R.T.: 8.426 min
Delta R.T.: 0.008 min
Response: 18782648
Conc: 113.95 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.205 min
Delta R.T.: 0.009 min
Response: 19222453
Conc: 121.24 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.595 min
Delta R.T.: 0.012 min
Response: 18822214
Conc: 121.16 ug/ml

Instrument :

FID_D

ClientSampleId :

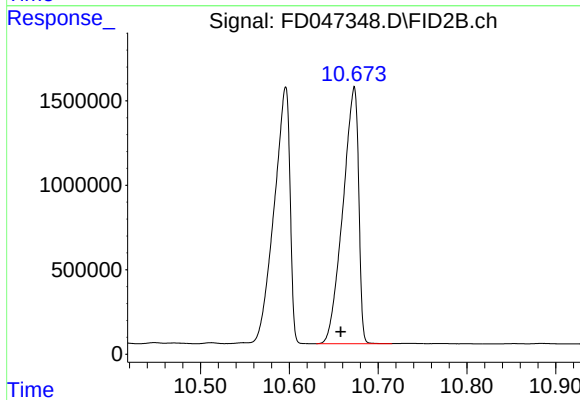
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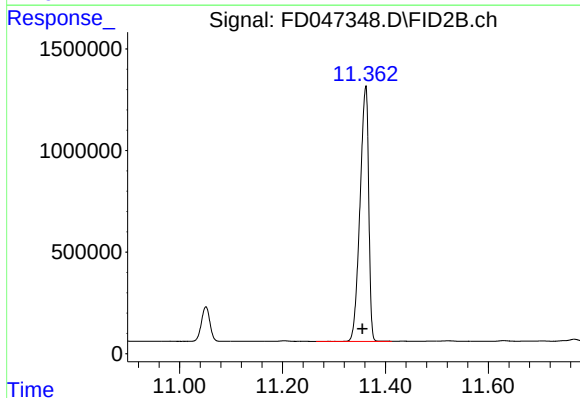
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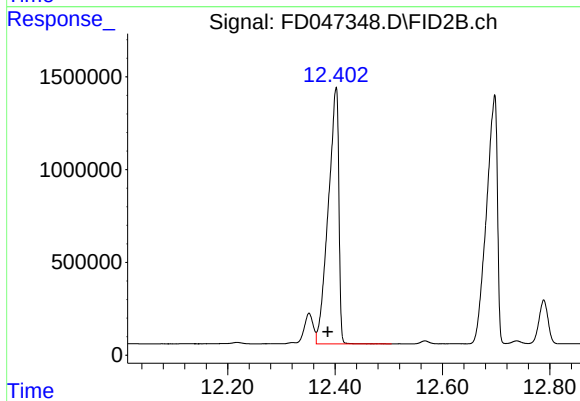
#10 Anthracene (C19.43)

R.T.: 10.672 min
Delta R.T.: 0.014 min
Response: 18679290
Conc: 126.67 ug/ml



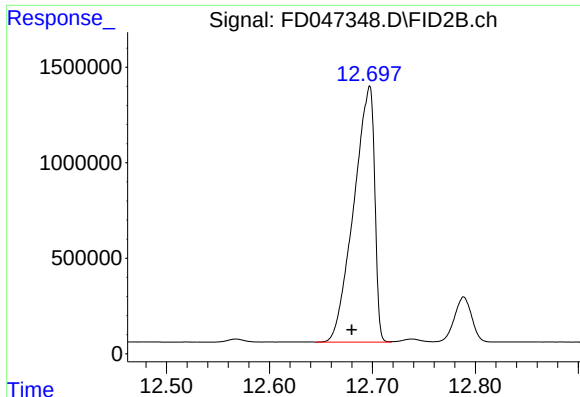
#11 ortho-Terphenyl (SURR)

R.T.: 11.361 min
Delta R.T.: 0.006 min
Response: 14664719
Conc: 83.15 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.401 min
Delta R.T.: 0.015 min
Response: 18778208
Conc: 121.28 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.696 min
Delta R.T.: 0.016 min
Response: 18828275
Conc: 125.16 ug/ml

Instrument :

FID_D

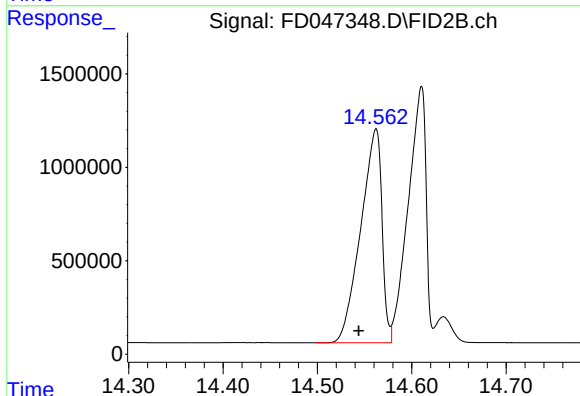
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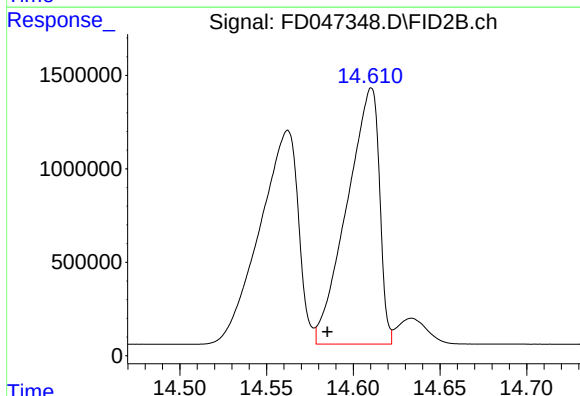
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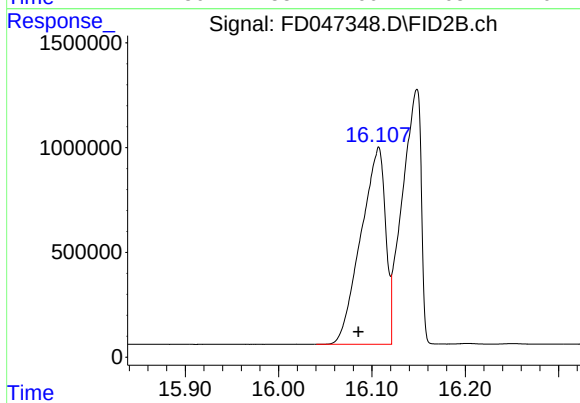
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.561 min
Delta R.T.: 0.018 min
Response: 17868830
Conc: 132.93 ug/ml



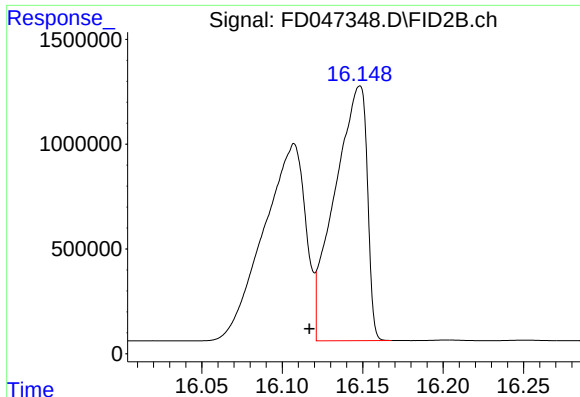
#15 Chrysene (C27.41)

R.T.: 14.610 min
Delta R.T.: 0.025 min
Response: 17812441
Conc: 121.64 ug/ml m



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

R.T.: 16.106 min
Delta R.T.: 0.021 min
Response: 17230353
Conc: 125.14 ug/ml



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

R.T.: 16.148 min
Delta R.T.: 0.031 min
Response: 16913909
Conc: 121.90 ug/ml

Instrument :

FID_D

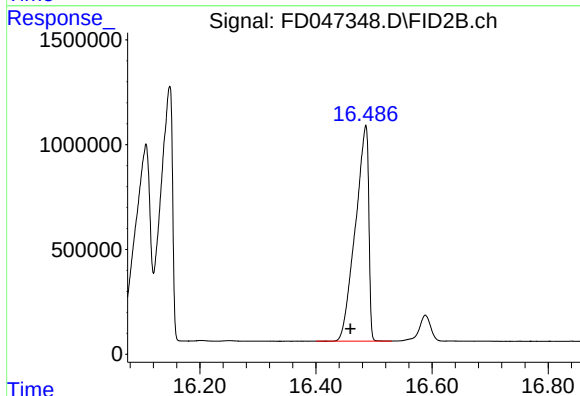
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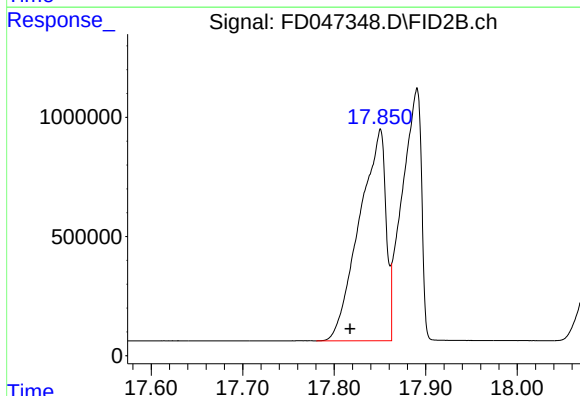
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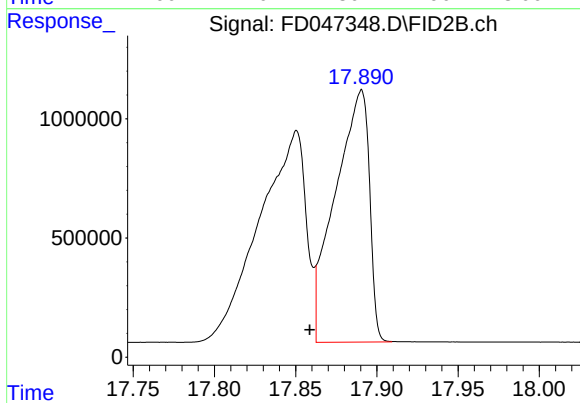
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min
Delta R.T.: 0.025 min
Response: 16360012
Conc: 120.85 ug/ml



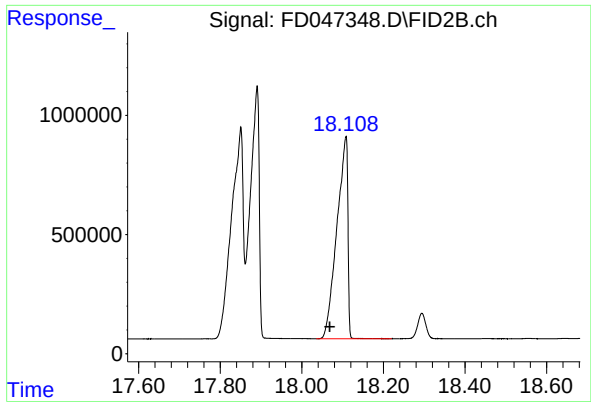
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.850 min
Delta R.T.: 0.032 min
Response: 17926016
Conc: 141.99 ug/ml



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

R.T.: 17.890 min
Delta R.T.: 0.032 min
Response: 15360041
Conc: 115.28 ug/ml m



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

R.T.: 18.107 min
Delta R.T.: 0.038 min
Response: 15734124
Conc: 118.66 ug/ml

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