

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041824AR\
 Data File : FD047532.D
 Signal(s) : FID2B.ch
 Acq On : 18 Apr 2024 17:25
 Operator : YP/AJ
 Sample : PB160356BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB160356BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2024
 Supervised By :Ankita Jodhani 04/19/2024

Integration File: autoint1.e
 Quant Time: Apr 19 04:33:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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...	7.463	7589936	50.769 ug/ml
Spiked Amount 50.000		Recovery =	101.54%
6) S 2-Fluorobiphenyl (SURR)	8.316	5003613	51.210 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.42%
11) S ortho-Terphenyl (SURR)	11.354	6887373	40.177 ug/ml
Spiked Amount 50.000		Recovery =	80.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.279	6625305	41.928 ug/ml
2) T Naphthalene (C11.7)	5.802	7518881	45.947 ug/ml
3) T 2-Methylnaphthalene (...)	6.851	7739457	47.053 ug/ml
5) T Acenaphthylene (C15.06)	8.120	8148606	53.986 ug/ml
7) T Acenaphthene (C15.5)	8.416	8108218	50.625 ug/ml
8) T Flouorene (C16.55)	9.194	8300376	53.654 ug/ml
9) T Phenanthrene (C19.36)	10.585	8233914	55.342 ug/ml
10) T Anthracene (C19.43)	10.660	8093812	59.510 ug/ml
12) T Fluoranthene (C21.85)	12.390	8146081	55.104 ug/ml
13) T Pyrene (C20.8)	12.685	8224435	56.987 ug/ml
14) T Benzo[a]anthracene (C...	14.552	7614326	57.898 ug/ml
15) T Chrysene (C27.41)	14.596	7519332	53.325 ug/ml
16) T benzo[b]fluoranthene ...	16.099	7724111	55.365 ug/ml
17) T Bnezo[k]fluoranthene ...	16.134	7492604	53.869 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.476	7418256	54.028 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.841	7755648	57.496 ug/ml
20) T Dibenz[a,h]anthracene...	17.880	7027776	52.291 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.093	7071388	50.950 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB160356BSD
Misc :
ALS Vial : 58 Sample Multiplier: 1

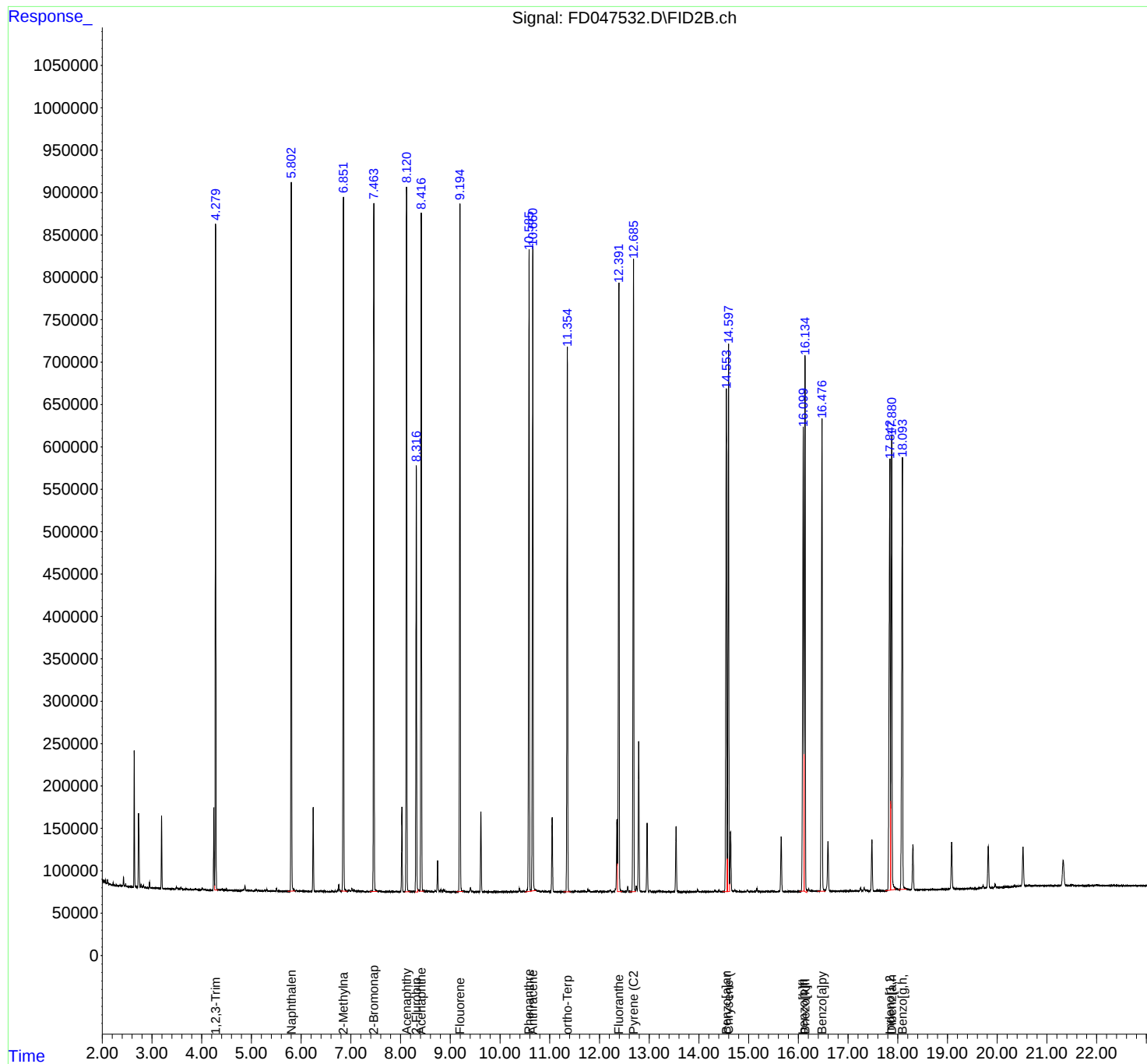
Instrument :
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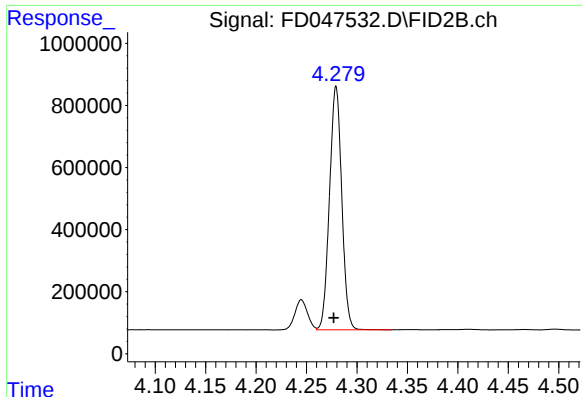
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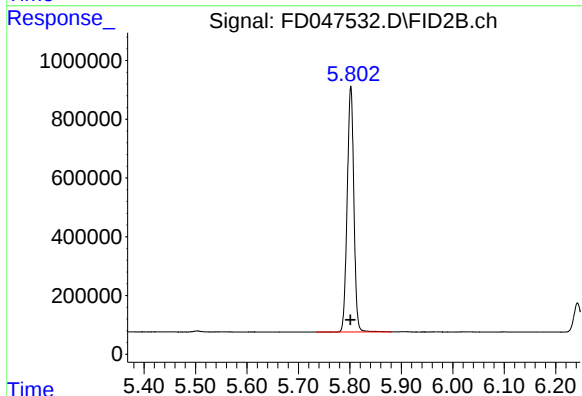
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.279 min
Delta R.T.: 0.002 min
Response: 6625305
Conc: 41.93 ug/ml

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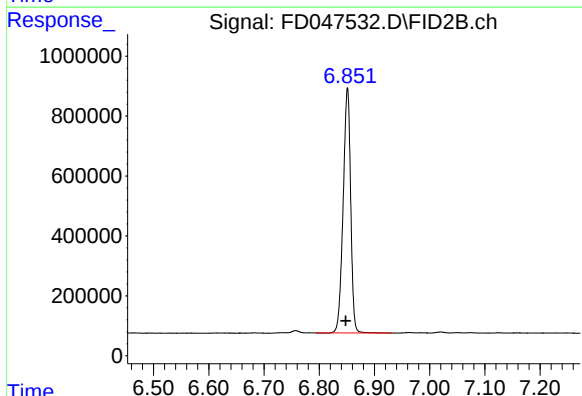
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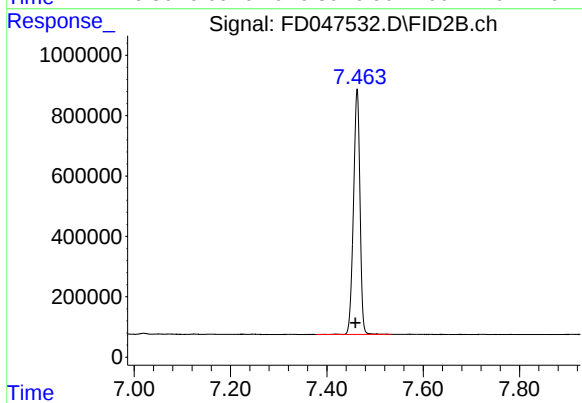
#2 Naphthalene (C11.7)

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 7518881
Conc: 45.95 ug/ml



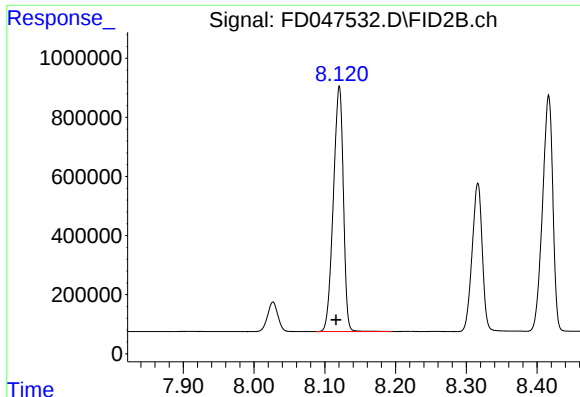
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.851 min
Delta R.T.: 0.003 min
Response: 7739457
Conc: 47.05 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: 0.004 min
Response: 7589936
Conc: 50.77 ug/ml



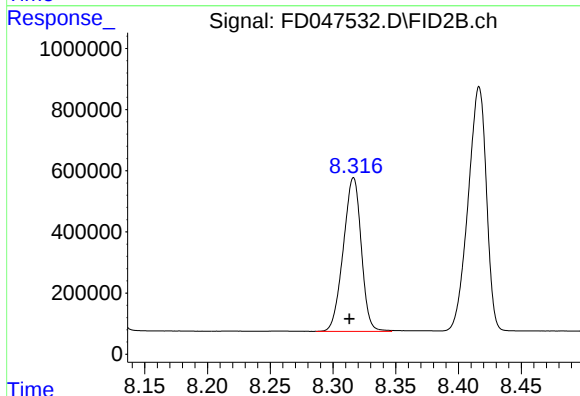
#5 Acenaphthylene (C15.06)

R.T.: 8.120 min
Delta R.T.: 0.004 min
Response: 8148606
Conc: 53.99 ug/ml

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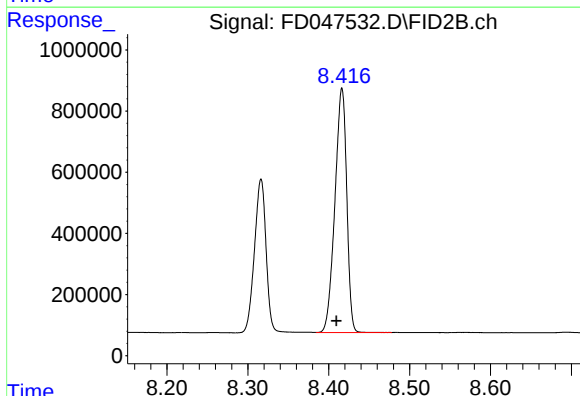
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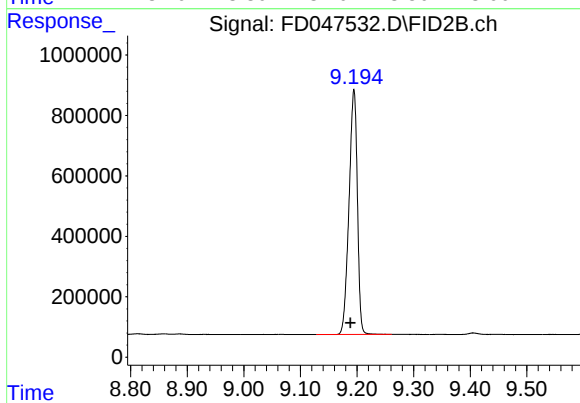
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.316 min
Delta R.T.: 0.003 min
Response: 5003613
Conc: 51.21 ug/ml m



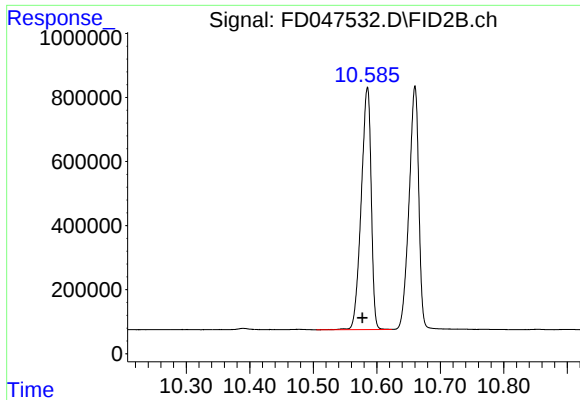
#7 Acenaphthene (C15.5)

R.T.: 8.416 min
Delta R.T.: 0.007 min
Response: 8108218
Conc: 50.62 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.194 min
Delta R.T.: 0.006 min
Response: 8300376
Conc: 53.65 ug/ml



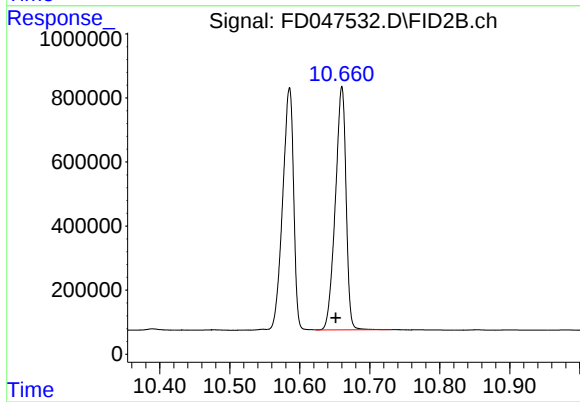
#9 Phenanthrene (C19.36)

R.T.: 10.585 min
Delta R.T.: 0.007 min
Response: 8233914
Conc: 55.34 ug/ml

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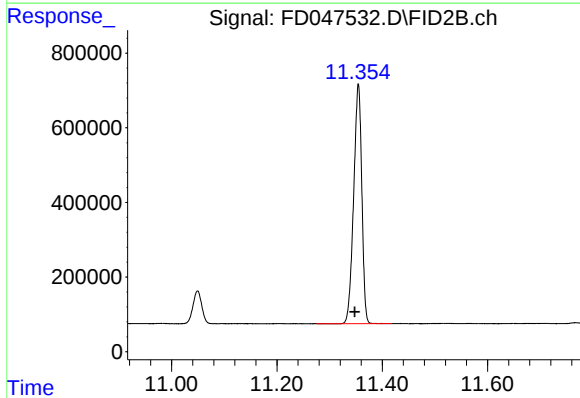
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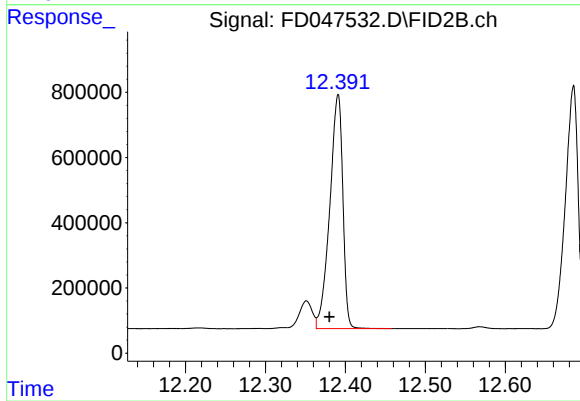
#10 Anthracene (C19.43)

R.T.: 10.660 min
Delta R.T.: 0.008 min
Response: 8093812
Conc: 59.51 ug/ml



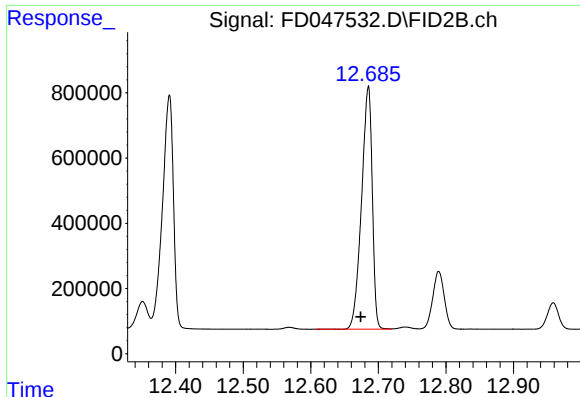
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: 0.007 min
Response: 6887373
Conc: 40.18 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.390 min
Delta R.T.: 0.011 min
Response: 8146081
Conc: 55.10 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.685 min
Delta R.T.: 0.011 min
Response: 8224435
Conc: 56.99 ug/ml

Instrument :

FID_D

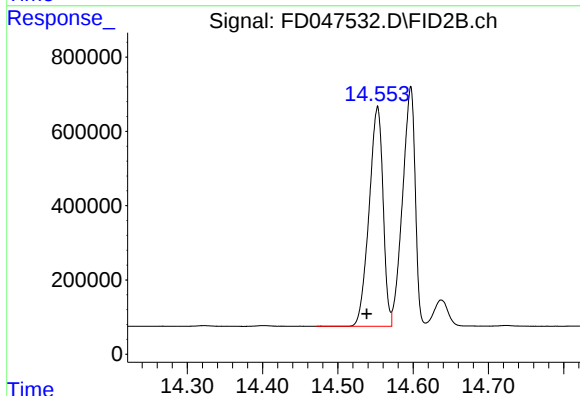
ClientSampleId :

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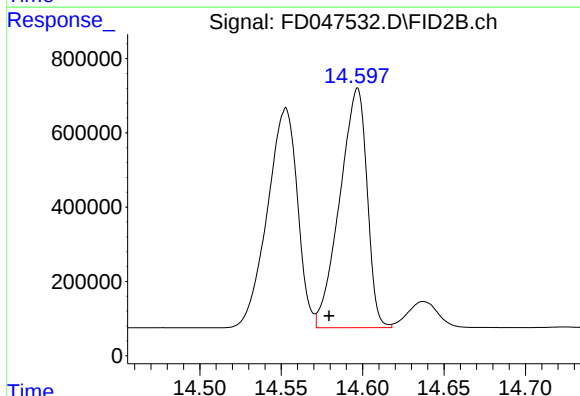
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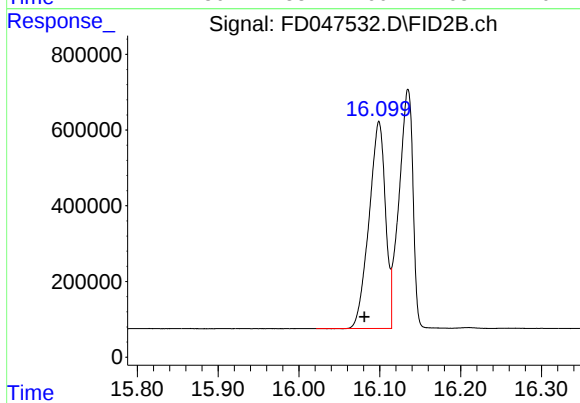
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.552 min
Delta R.T.: 0.014 min
Response: 7614326
Conc: 57.90 ug/ml



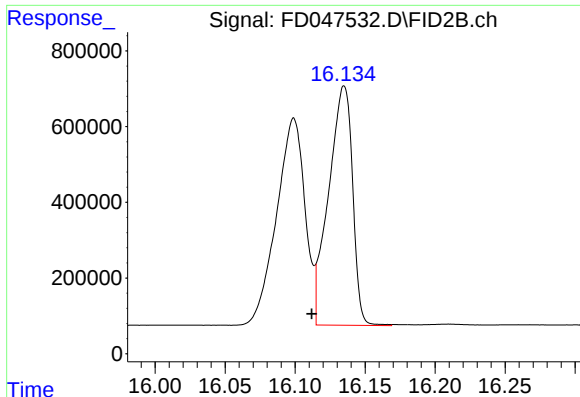
#15 Chrysene (C27.41)

R.T.: 14.596 min
Delta R.T.: 0.017 min
Response: 7519332
Conc: 53.32 ug/ml



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

R.T.: 16.099 min
Delta R.T.: 0.018 min
Response: 7724111
Conc: 55.36 ug/ml



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

R.T.: 16.134 min
Delta R.T.: 0.023 min
Response: 7492604
Conc: 53.87 ug/ml

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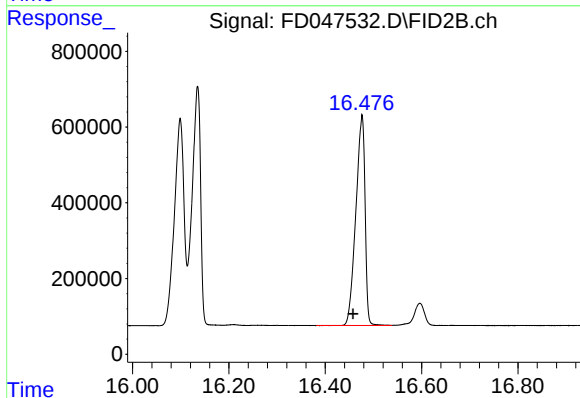
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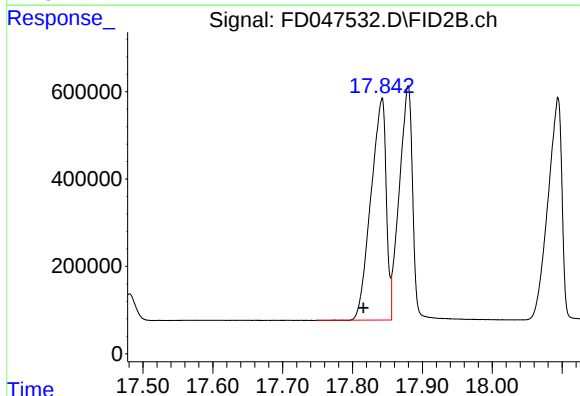
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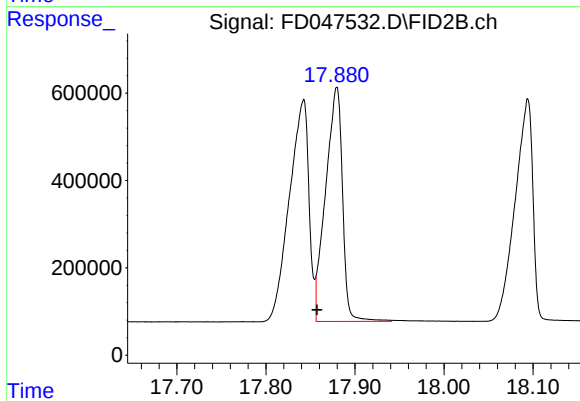
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.476 min
Delta R.T.: 0.018 min
Response: 7418256
Conc: 54.03 ug/ml



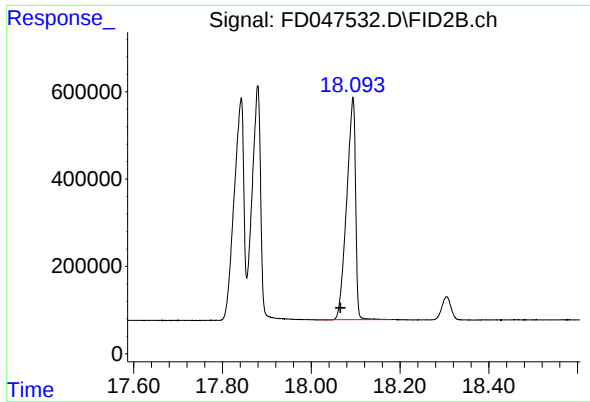
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.841 min
Delta R.T.: 0.025 min
Response: 7755648
Conc: 57.50 ug/ml



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

R.T.: 17.880 min
Delta R.T.: 0.023 min
Response: 7027776
Conc: 52.29 ug/ml m



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

R.T.: 18.093 min
Delta R.T.: 0.028 min
Response: 7071388
Conc: 50.95 ug/ml

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