

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051923AR\
 Data File : FD045695.D
 Signal(s) : FID2B.ch
 Acq On : 19 May 2023 17:28
 Operator : YP/AJ
 Sample : PB152896BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB152896BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/20/2023

Supervised By :Ankita Jodhani 05/22/2023

Integration File: autoint1.e

Quant Time: May 20 00:35:29 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M

Quant Title : GC Extractables

QLast Update : Fri May 05 18:09:33 2023

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...	7.544	7794152	45.694 ug/ml
Spiked Amount 50.000		Recovery =	91.39%
6) S 2-Fluorobiphenyl (SURR)	8.400	5239479	45.571 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.14%
11) S ortho-Terphenyl (SURR)	11.440	8212406	38.899 ug/ml
Spiked Amount 50.000		Recovery =	77.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.351	7138929	38.245 ug/ml
2) T Naphthalene (C11.7)	5.882	8083112	41.094 ug/ml
3) T 2-Methylnaphthalene (...)	6.932	8014212	40.569 ug/ml
5) T Acenaphthylene (C15.06)	8.205	8661993	48.212 ug/ml
7) T Acenaphthene (C15.5)	8.502	9131231	47.984 ug/ml
8) T Fluorene (C16.55)	9.280	9105404	48.281 ug/ml
9) T Phenanthrene (C19.36)	10.671	9358638	50.349 ug/ml
10) T Anthracene (C19.43)	10.747	9433473	52.768 ug/ml
12) T Fluoranthene (C21.85)	12.477	9344357	51.799 ug/ml
13) T Pyrene (C20.8)	12.773	9327231	53.219 ug/ml
14) T Benzo[a]anthracene (C...	14.637	8638833	54.274 ug/ml
15) T Chrysene (C27.41)	14.682	8566206	52.755 ug/ml
16) T benzo[b]fluoranthene ...	16.180	8375015	56.866 ug/ml
17) T Bnezo[k]fluoranthene ...	16.217	7986283	55.233 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.556	7323740	52.527 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	7148182	56.262 ug/ml
20) T Dibenz[a,h]anthracene...	17.956	7449537	58.004 ug/ml
21) T Benzo[g,h,i]perylene ...	18.171	7434590	57.801 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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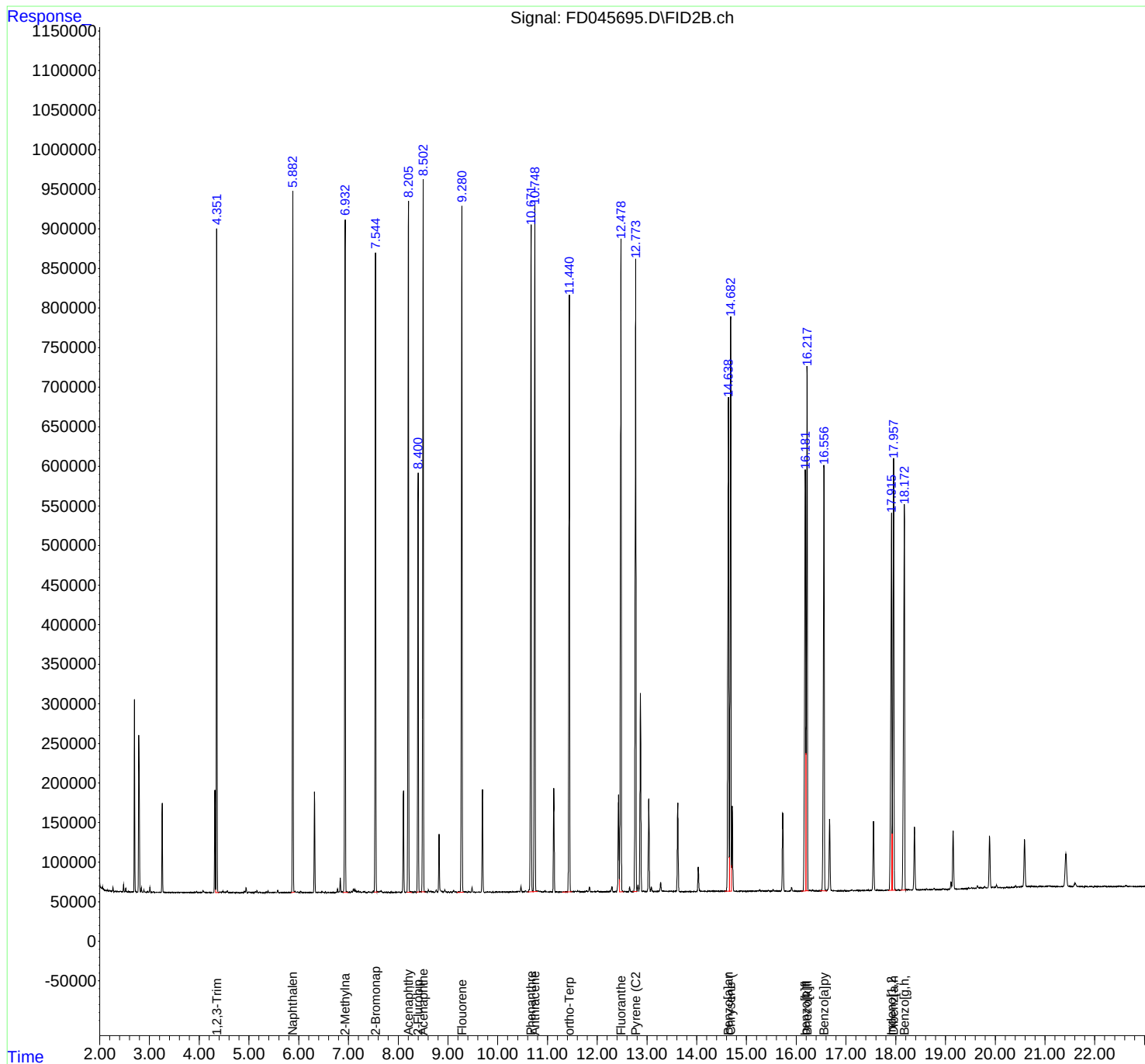
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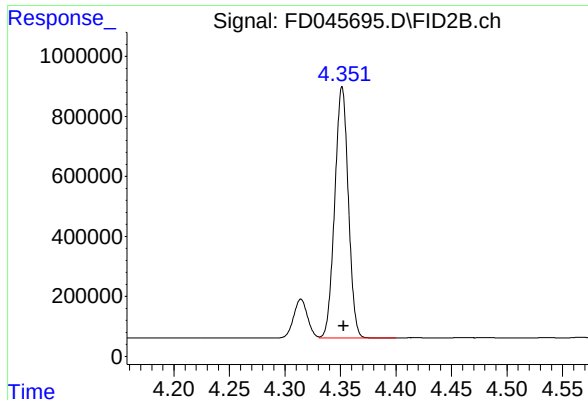
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 7138929
Conc: 38.24 ug/ml

Instrument :

FID_D

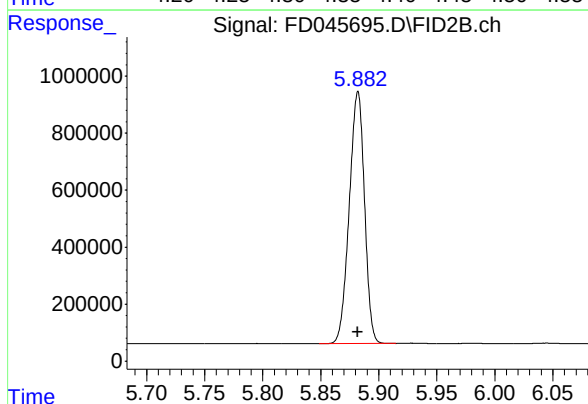
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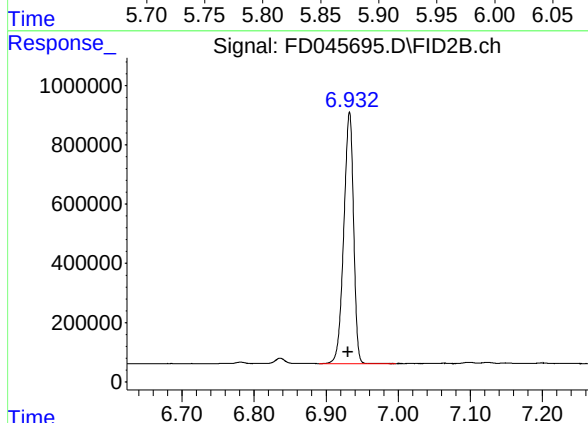
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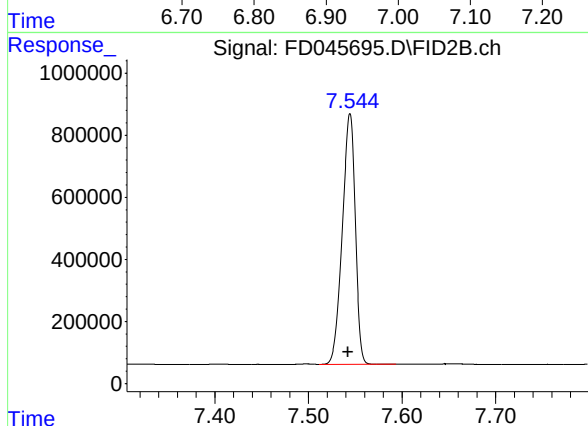
#2 Naphthalene (C11.7)

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 8083112
Conc: 41.09 ug/ml



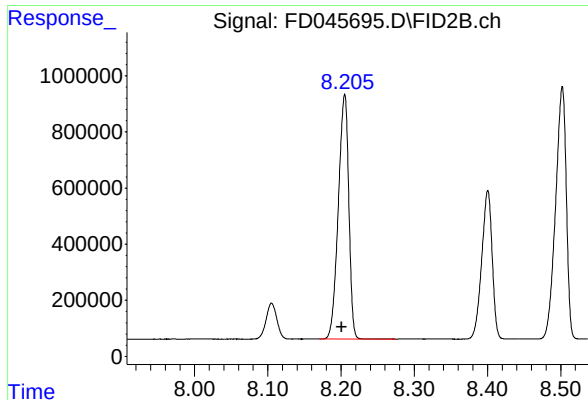
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.932 min
Delta R.T.: 0.002 min
Response: 8014212
Conc: 40.57 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.544 min
Delta R.T.: 0.002 min
Response: 7794152
Conc: 45.69 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.205 min
Delta R.T.: 0.003 min
Response: 8661993
Conc: 48.21 ug/ml

Instrument :

FID_D

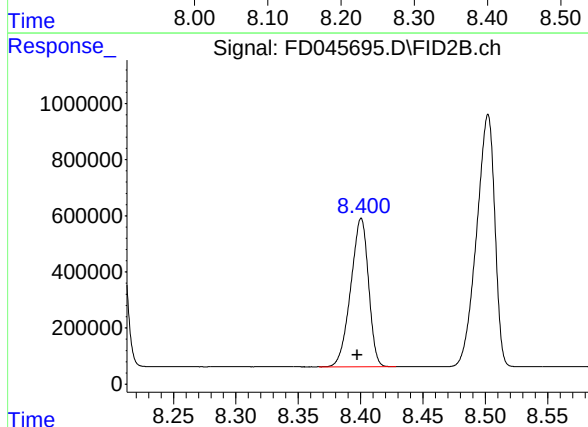
ClientSampleId :

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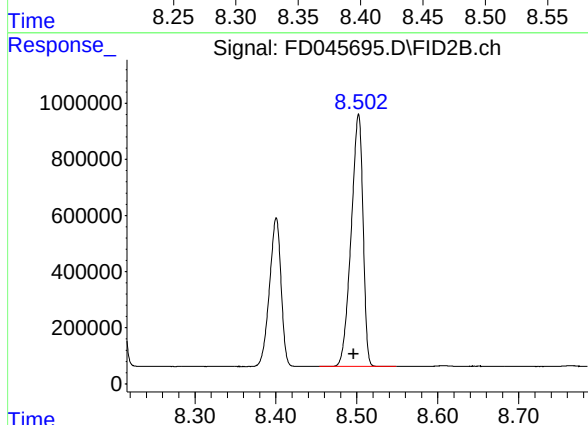
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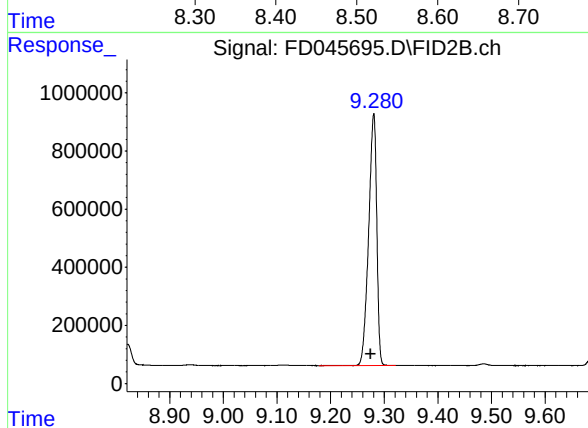
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.400 min
Delta R.T.: 0.003 min
Response: 5239479
Conc: 45.57 ug/ml



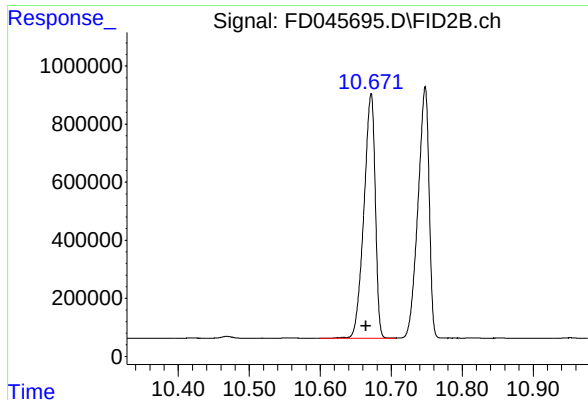
#7 Acenaphthene (C15.5)

R.T.: 8.502 min
Delta R.T.: 0.006 min
Response: 9131231
Conc: 47.98 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.280 min
Delta R.T.: 0.006 min
Response: 9105404
Conc: 48.28 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.671 min
Delta R.T.: 0.007 min
Response: 9358638
Conc: 50.35 ug/ml

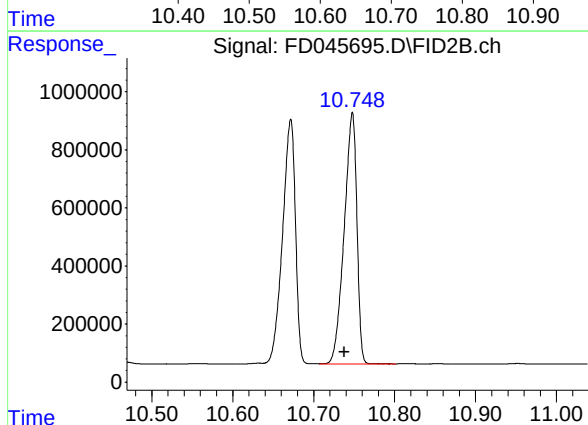
Instrument :

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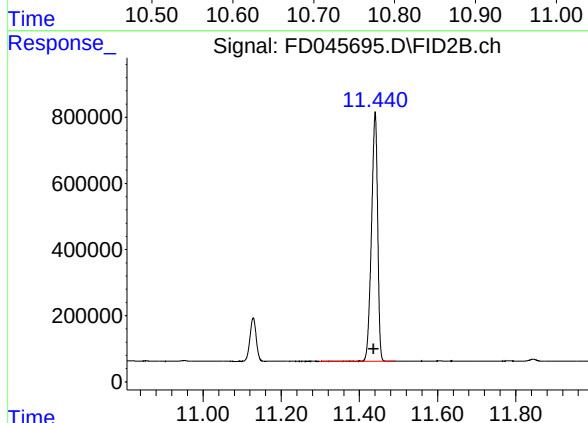
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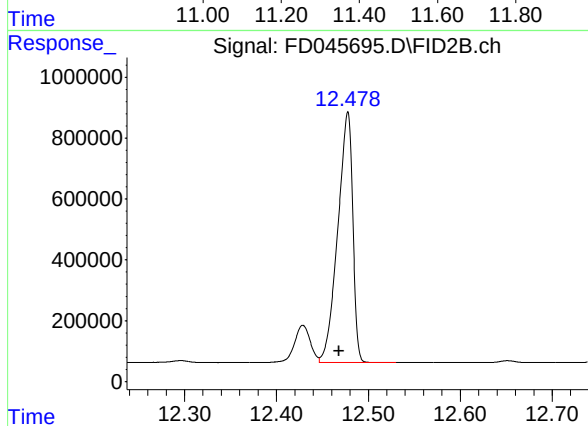
#10 Anthracene (C19.43)

R.T.: 10.747 min
Delta R.T.: 0.009 min
Response: 9433473
Conc: 52.77 ug/ml



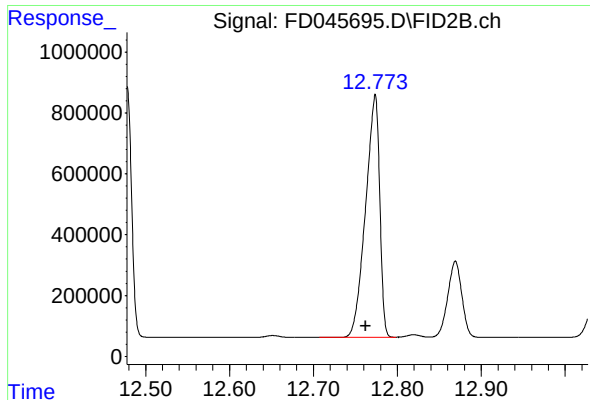
#11 ortho-Terphenyl (SURR)

R.T.: 11.440 min
Delta R.T.: 0.004 min
Response: 8212406
Conc: 38.90 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.477 min
Delta R.T.: 0.009 min
Response: 9344357
Conc: 51.80 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.773 min
Delta R.T.: 0.010 min
Response: 9327231
Conc: 53.22 ug/ml

Instrument :

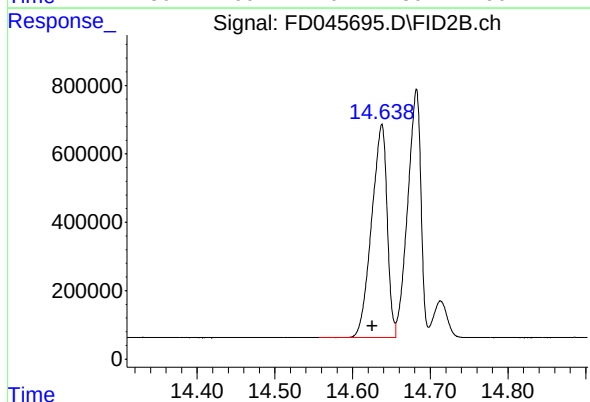
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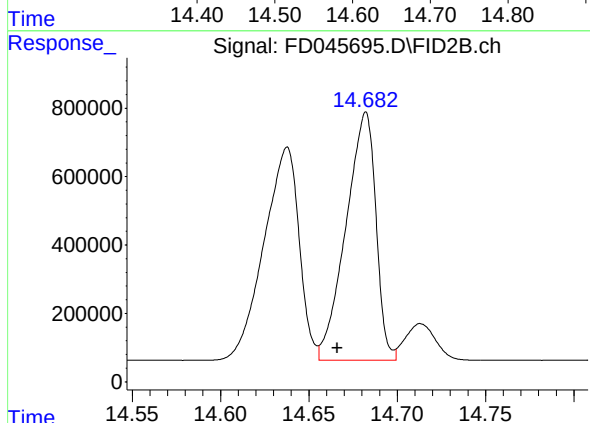
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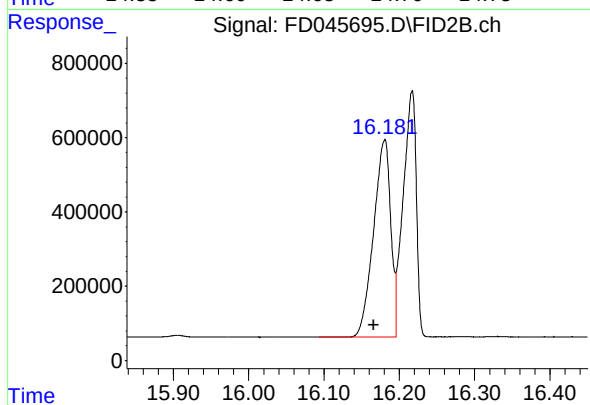
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min
Delta R.T.: 0.012 min
Response: 8638833
Conc: 54.27 ug/ml



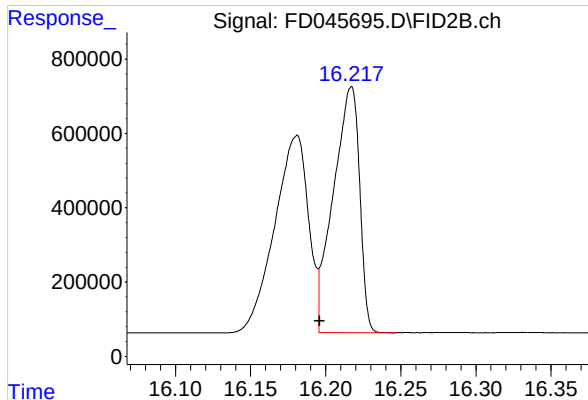
#15 Chrysene (C27.41)

R.T.: 14.682 min
Delta R.T.: 0.015 min
Response: 8566206
Conc: 52.75 ug/ml



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

R.T.: 16.180 min
Delta R.T.: 0.014 min
Response: 8375015
Conc: 56.87 ug/ml



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

R.T.: 16.217 min
Delta R.T.: 0.021 min
Response: 7986283
Conc: 55.23 ug/ml

Instrument :

FID_D

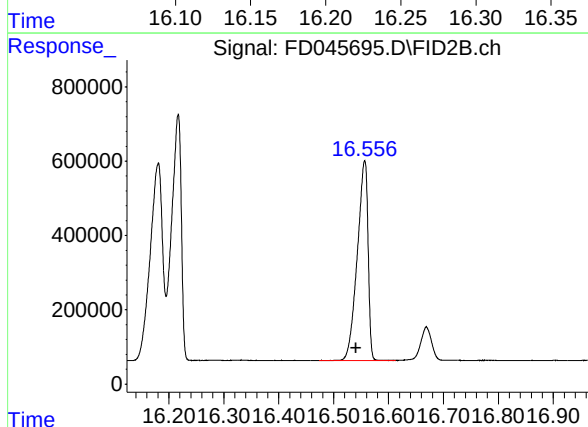
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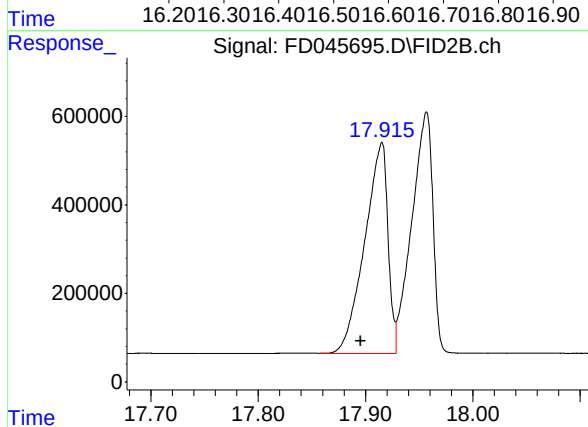
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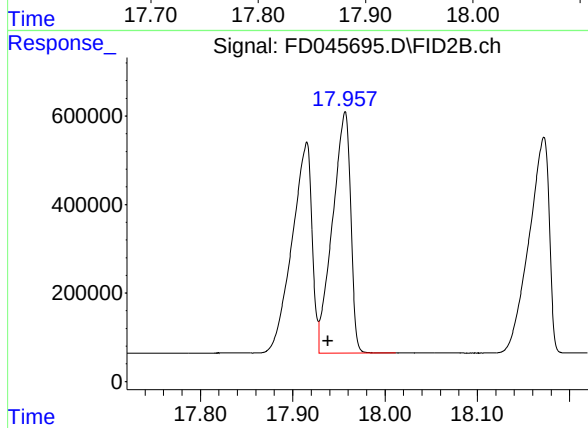
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: 0.015 min
Response: 7323740
Conc: 52.53 ug/ml



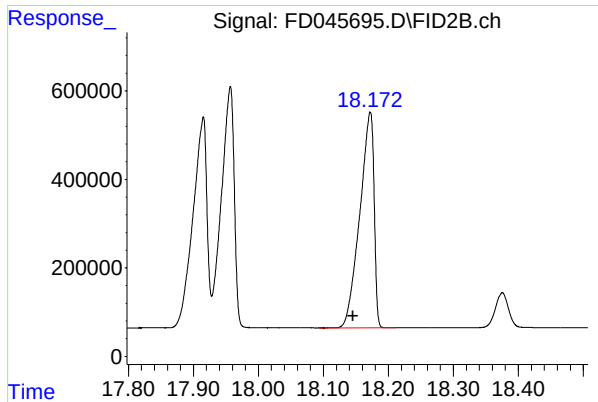
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.914 min
Delta R.T.: 0.019 min
Response: 7148182
Conc: 56.26 ug/ml



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

R.T.: 17.956 min
Delta R.T.: 0.018 min
Response: 7449537
Conc: 58.00 ug/ml



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

R.T.: 18.171 min
Delta R.T.: 0.025 min
Response: 7434590
Conc: 57.80 ug/ml

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