

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082123AR\
 Data File : FD046357.D
 Signal(s) : FID2B.ch
 Acq On : 21 Aug 2023 13:01
 Operator : YP/AJ
 Sample : PB154946BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB154946BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :Ankita Jodhani 08/22/2023

Integration File: autoint1.e

Quant Time: Aug 21 15:40:48 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081823.M

Quant Title : GC Extractables

QLast Update : Fri Aug 18 14:27:51 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...	7.500	7378659	47.410 ug/ml
Spiked Amount 50.000		Recovery =	94.82%
6) S 2-Fluorobiphenyl (SURR)	8.354	3408758	33.306 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	66.61%
11) S ortho-Terphenyl (SURR)	11.393	8337010	43.459 ug/ml
Spiked Amount 50.000		Recovery =	86.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.312	4665914	26.239 ug/ml
2) T Naphthalene (C11.7)	5.839	5582033	30.287 ug/ml
3) T 2-Methylnaphthalene (...)	6.888	6098204	33.516 ug/ml
5) T Acenaphthylene (C15.06)	8.159	7064863	42.618 ug/ml
7) T Acenaphthene (C15.5)	8.454	6673604	37.571 ug/ml
8) T Fluorene (C16.55)	9.233	7339188	43.046 ug/ml
9) T Phenanthrene (C19.36)	10.623	7431303	44.185 ug/ml
10) T Anthracene (C19.43)	10.698	7304218	49.077 ug/ml
12) T Fluoranthene (C21.85)	12.427	7551505	46.207 ug/ml
13) T Pyrene (C20.8)	12.722	7560854	47.327 ug/ml
14) T Benzo[a]anthracene (C...	14.586	6986890	49.338 ug/ml
15) T Chrysene (C27.41)	14.630	6974802	47.560 ug/ml
16) T benzo[b]fluoranthene ...	16.128	6582573	48.508 ug/ml
17) T Bnezo[k]fluoranthene ...	16.163	6554671	49.578 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.504	6206988	48.934 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.863	6151341	49.168 ug/ml
20) T Dibenz[a,h]anthracene...	17.903	5954075	46.909 ug/ml
21) T Benzo[g,h,i]perylene ...	18.117	5831671	45.886 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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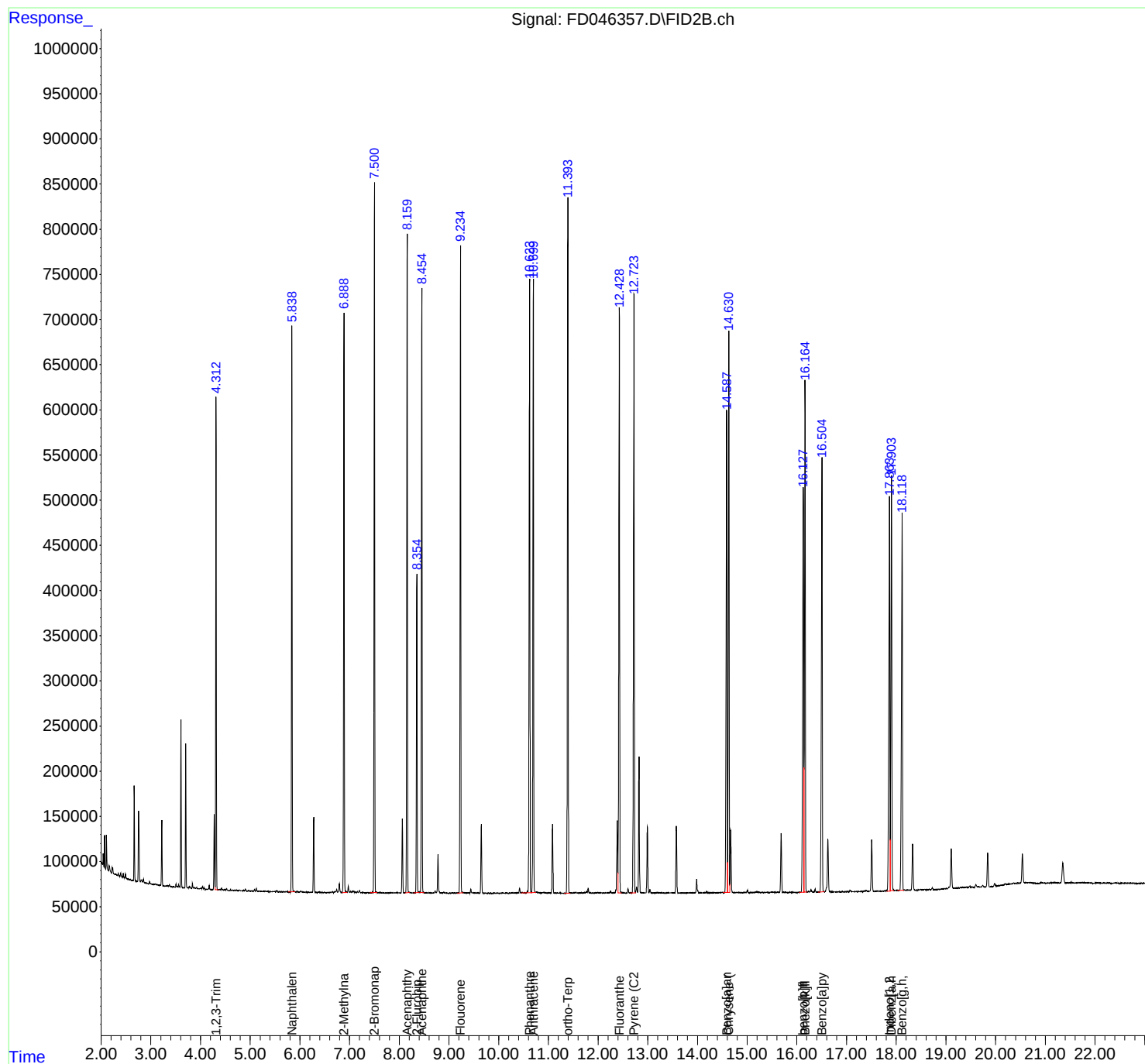
Instrument :
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PB154946BSD

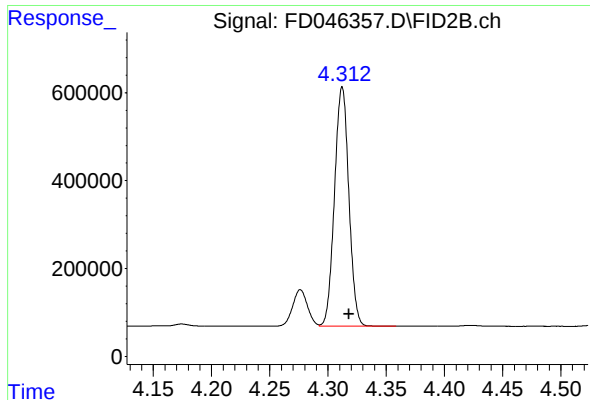
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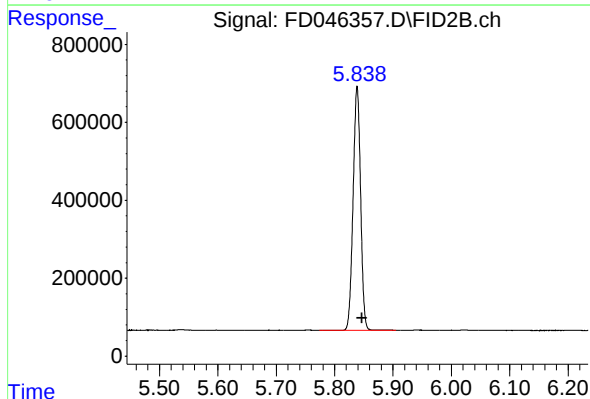
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.312 min
Delta R.T.: -0.006 min
Response: 4665914
Conc: 26.24 ug/ml

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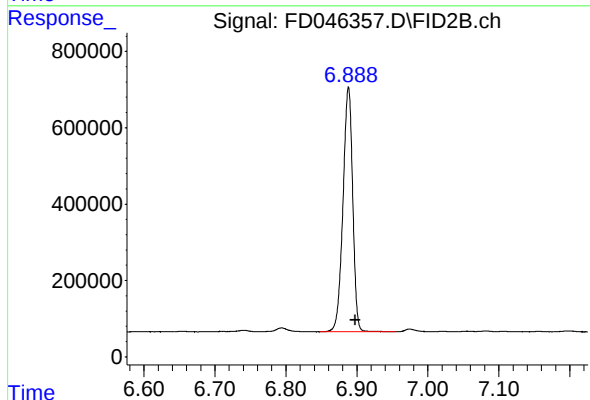
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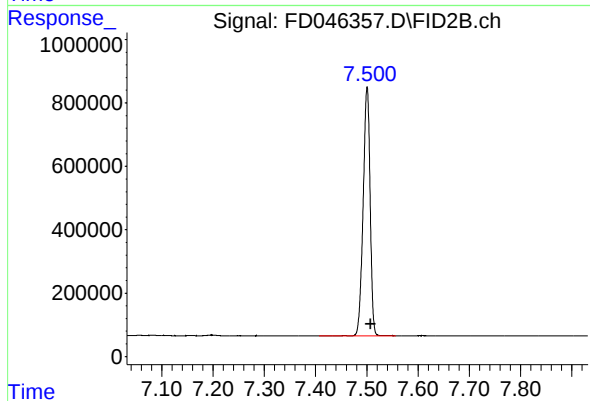
#2 Naphthalene (C11.7)

R.T.: 5.839 min
Delta R.T.: -0.008 min
Response: 5582033
Conc: 30.29 ug/ml



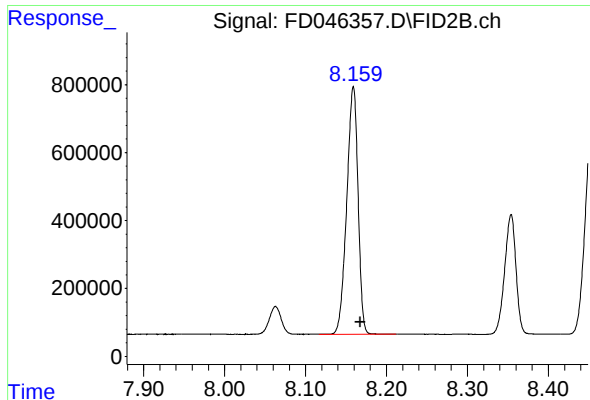
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.888 min
Delta R.T.: -0.010 min
Response: 6098204
Conc: 33.52 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.500 min
Delta R.T.: -0.007 min
Response: 7378659
Conc: 47.41 ug/ml



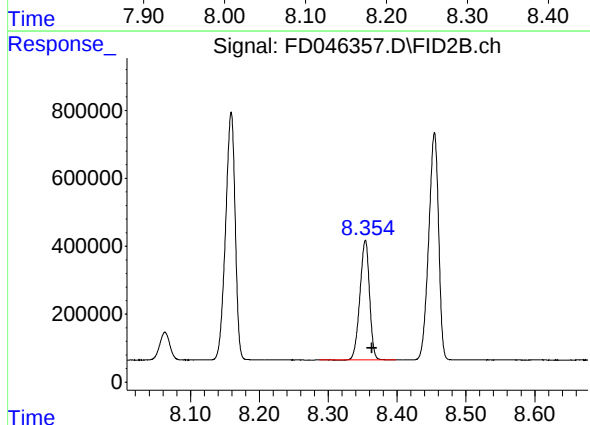
#5 Acenaphthylene (C15.06)

R.T.: 8.159 min
Delta R.T.: -0.009 min
Response: 7064863
Conc: 42.62 ug/ml

Instrument :
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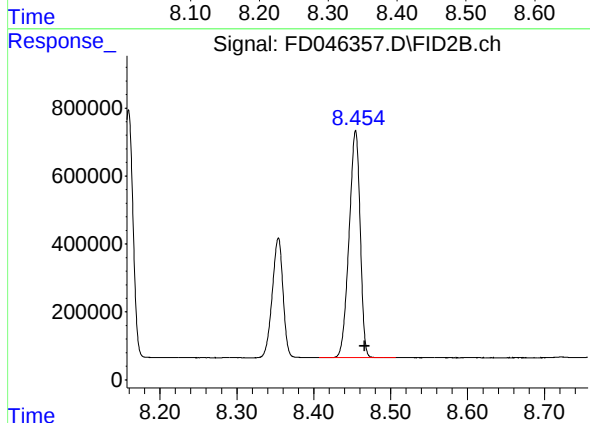
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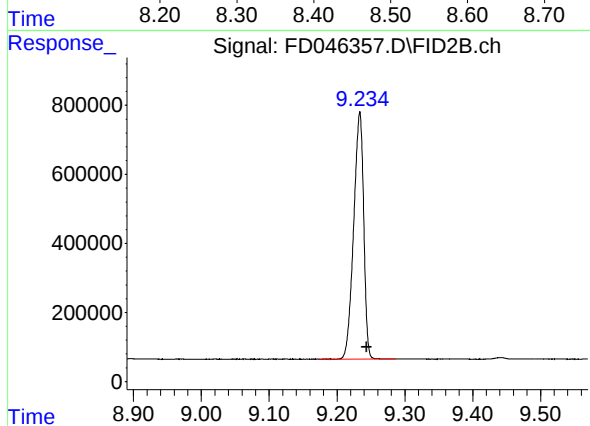
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.354 min
Delta R.T.: -0.010 min
Response: 3408758
Conc: 33.31 ug/ml



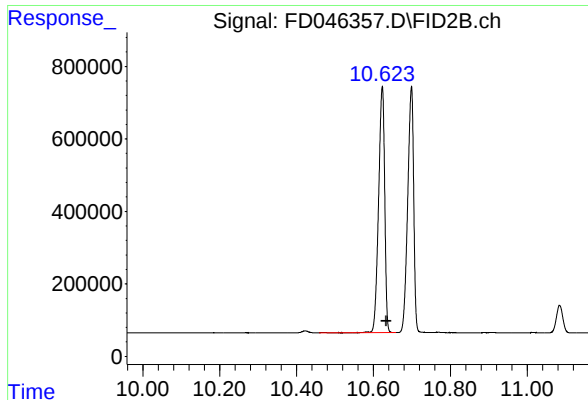
#7 Acenaphthene (C15.5)

R.T.: 8.454 min
Delta R.T.: -0.012 min
Response: 6673604
Conc: 37.57 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.233 min
Delta R.T.: -0.011 min
Response: 7339188
Conc: 43.05 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.623 min
Delta R.T.: -0.011 min
Response: 7431303
Conc: 44.19 ug/ml

Instrument :

FID_D

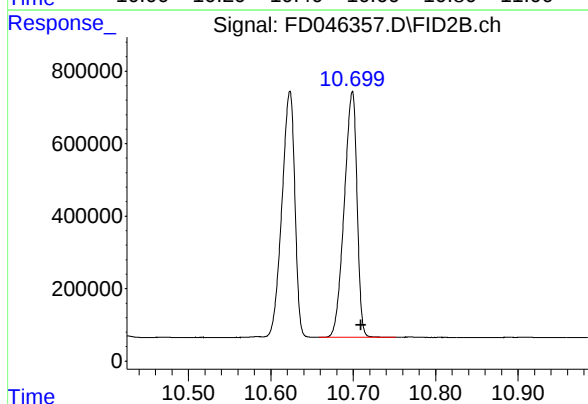
ClientSampleId :

PB154946BSD

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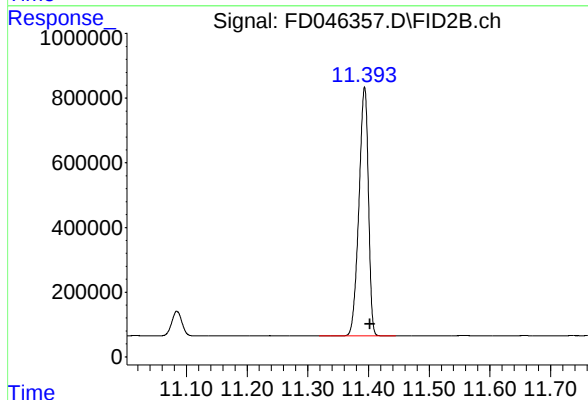
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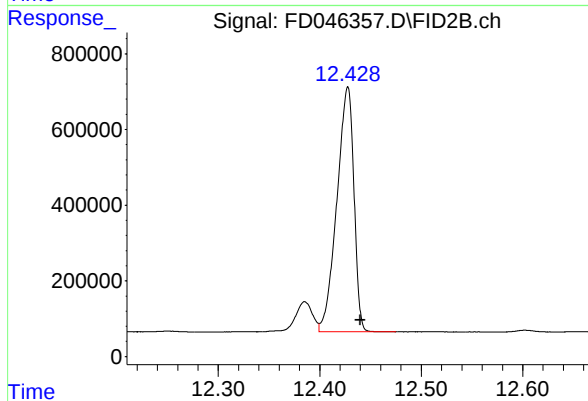
#10 Anthracene (C19.43)

R.T.: 10.698 min
Delta R.T.: -0.011 min
Response: 7304218
Conc: 49.08 ug/ml



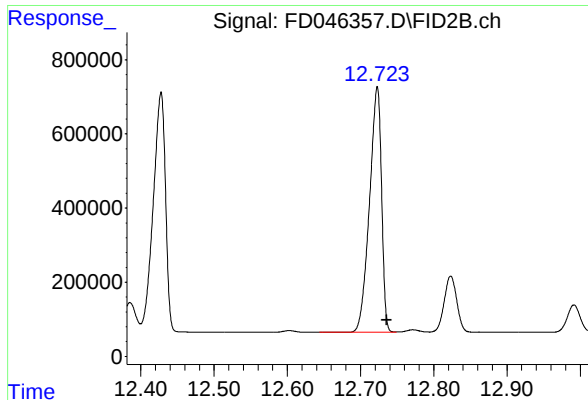
#11 ortho-Terphenyl (SURR)

R.T.: 11.393 min
Delta R.T.: -0.009 min
Response: 8337010
Conc: 43.46 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.427 min
Delta R.T.: -0.013 min
Response: 7551505
Conc: 46.21 ug/ml



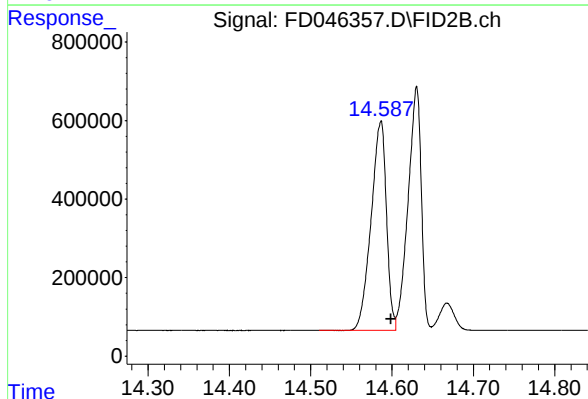
#13 Pyrene (C20.8)

R.T.: 12.722 min
Delta R.T.: -0.013 min
Response: 7560854
Conc: 47.33 ug/ml

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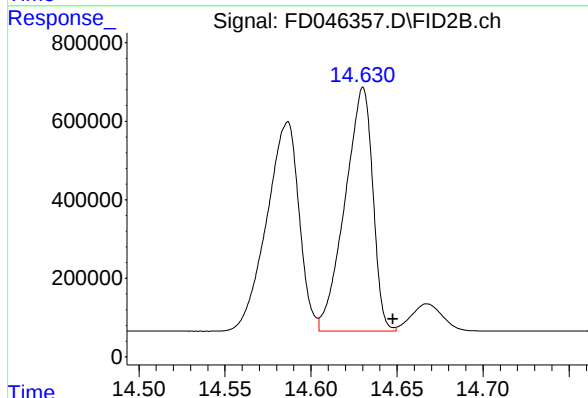
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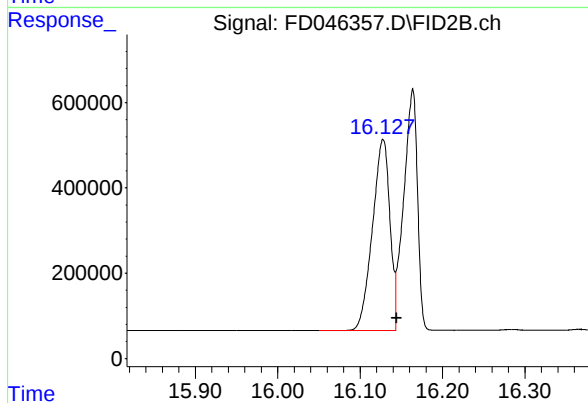
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.586 min
Delta R.T.: -0.013 min
Response: 6986890
Conc: 49.34 ug/ml



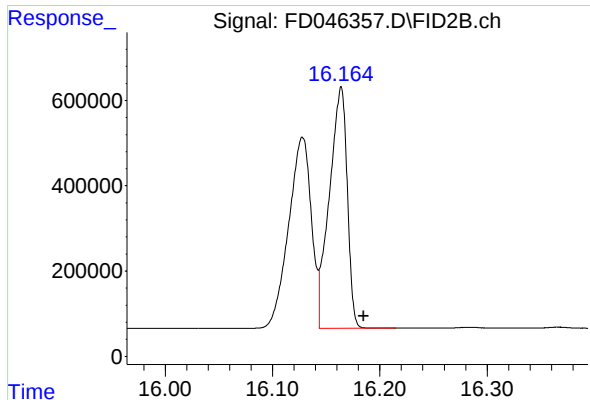
#15 Chrysene (C27.41)

R.T.: 14.630 min
Delta R.T.: -0.018 min
Response: 6974802
Conc: 47.56 ug/ml



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

R.T.: 16.128 min
Delta R.T.: -0.017 min
Response: 6582573
Conc: 48.51 ug/ml



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

R.T.: 16.163 min
Delta R.T.: -0.022 min
Response: 6554671
Conc: 49.58 ug/ml

Instrument :

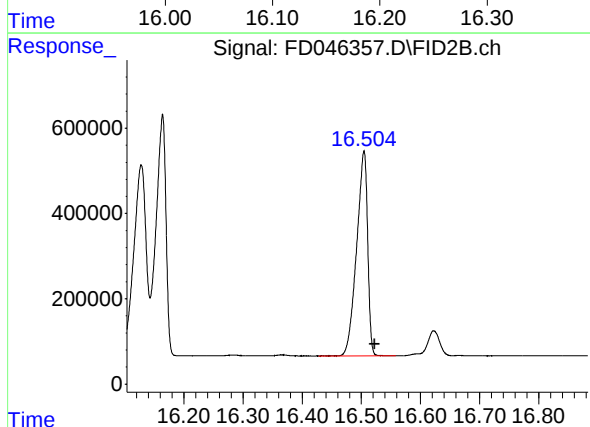
FID_D

ClientSampleId :

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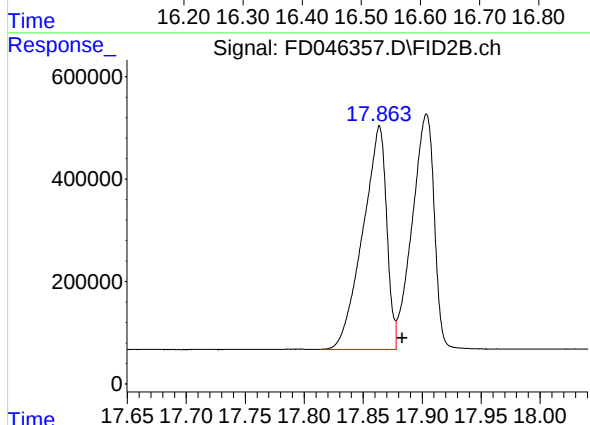
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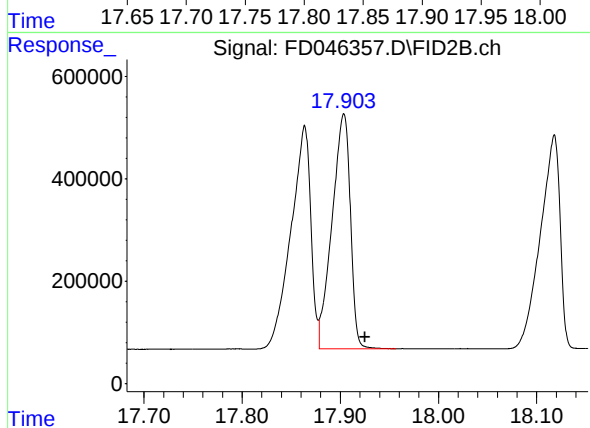
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.504 min
Delta R.T.: -0.019 min
Response: 6206988
Conc: 48.93 ug/ml



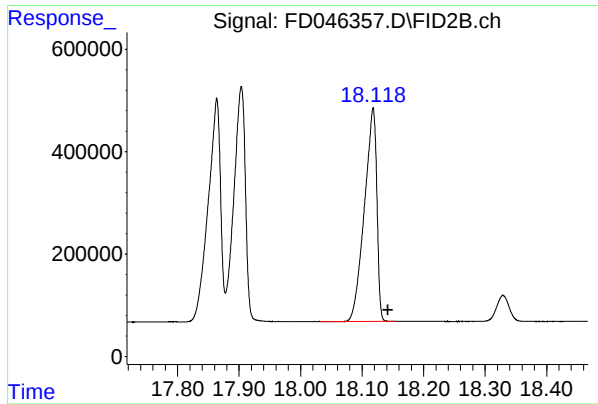
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.863 min
Delta R.T.: -0.020 min
Response: 6151341
Conc: 49.17 ug/ml m



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

R.T.: 17.903 min
Delta R.T.: -0.022 min
Response: 5954075
Conc: 46.91 ug/ml



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

R.T.: 18.117 min
Delta R.T.: -0.025 min
Response: 5831671
Conc: 45.89 ug/ml

Instrument :

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