

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081623AR\
 Data File : FD046338.D
 Signal(s) : FID2B.ch
 Acq On : 16 Aug 2023 19:49
 Operator : YP/AJ
 Sample : 03981-01MS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WC081023MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :Ankita Jodhani 08/18/2023

Integration File: autoint1.e

Quant Time: Aug 16 23:47:41 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M

Quant Title : GC Extractables

QLast Update : Thu Jul 20 03:07:14 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...	7.502	9493062	63.508 ug/ml
Spiked Amount 50.000		Recovery =	127.02%
6) S 2-Fluorobiphenyl (SURR)	8.357	6033970	64.457 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	128.91%
11) S ortho-Terphenyl (SURR)	11.395	7635694	43.723 ug/mlm
Spiked Amount 50.000		Recovery =	87.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.314	6356897	34.891 ug/ml
2) T Naphthalene (C11.7)	5.841	7614729	42.160 ug/ml
3) T 2-Methylnaphthalene (...)	6.890	7827693	44.475 ug/ml
5) T Acenaphthylene (C15.06)	8.160	8239021	53.999 ug/ml
7) T Acenaphthene (C15.5)	8.458	9366599	57.442 ug/ml
8) T Flouorene (C16.55)	9.237	10187547	66.953 ug/ml
9) T Phenanthrene (C19.36)	10.639	25219174	175.137 ug/ml
10) T Anthracene (C19.43)	10.708	12794531	97.765 ug/ml
12) T Fluoranthene (C21.85)	12.451	29786325	213.167 ug/ml
13) T Pyrene (C20.8)	12.744	25641450	185.010 ug/ml
14) T Benzo[a]anthracene (C...	14.602	16441717	125.261 ug/ml
15) T Chrysene (C27.41)	14.650	15786224	111.957 ug/mlm
16) T benzo[b]fluoranthene ...	16.154	16897800	123.554 ug/ml
17) T Bnezo[k]fluoranthene ...	16.182	8874116	64.741 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.528	13469906	103.465 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.883	10564700	87.839 ug/ml
20) T Dibenz[a,h]anthracene...	17.917	6765142	52.896 ug/ml
21) T Benzo[g,h,i]perylene ...	18.138	8996874	70.915 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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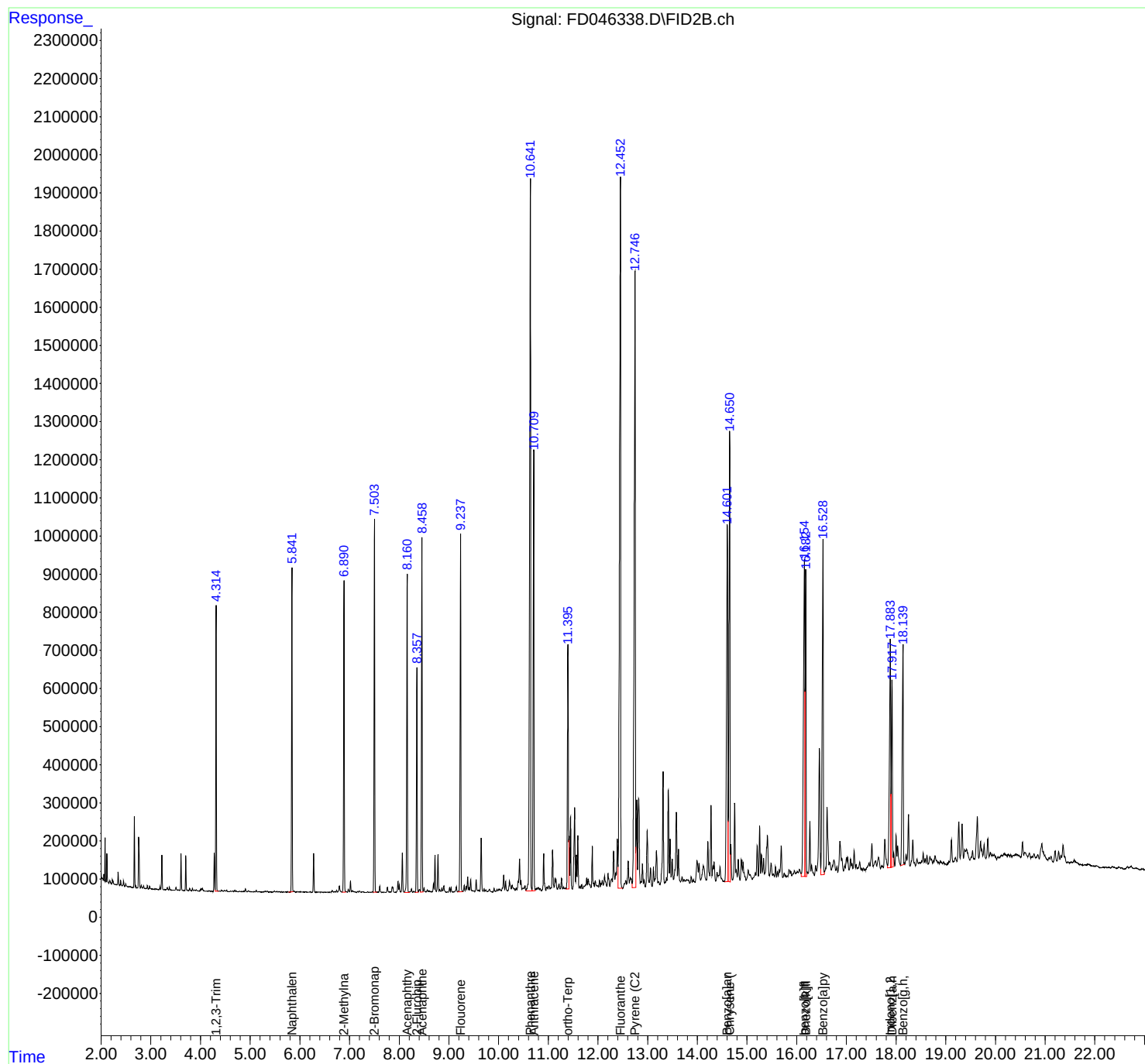
Response via : Initial Calibration

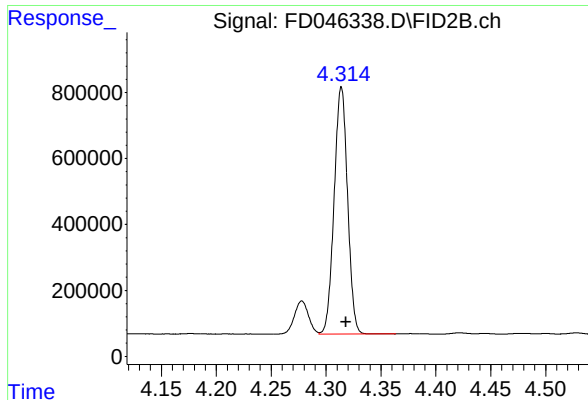
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.314 min
Delta R.T.: -0.004 min
Response: 6356897
Conc: 34.89 ug/ml

Instrument :

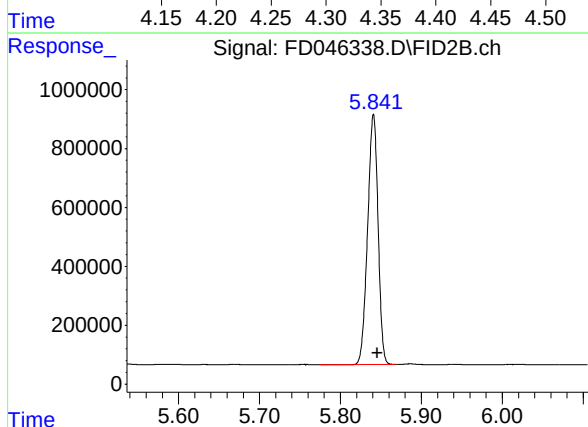
FID_D

ClientSampleId :

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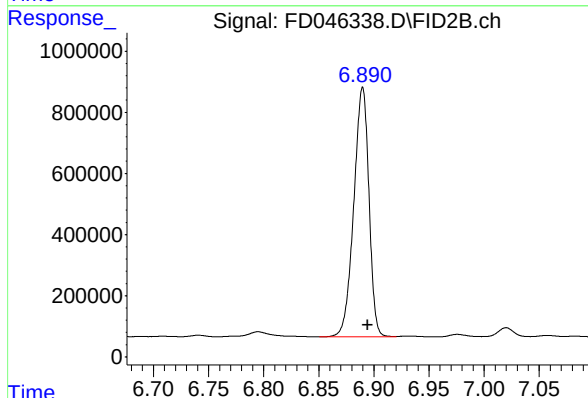
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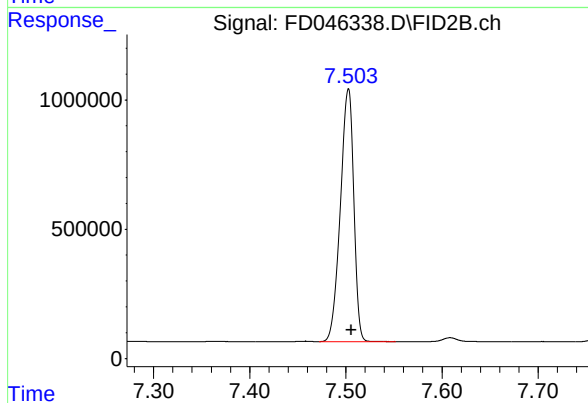
#2 Naphthalene (C11.7)

R.T.: 5.841 min
Delta R.T.: -0.005 min
Response: 7614729
Conc: 42.16 ug/ml



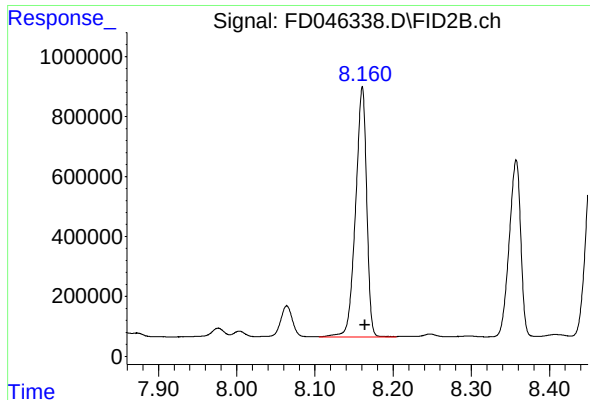
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.890 min
Delta R.T.: -0.005 min
Response: 7827693
Conc: 44.47 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.502 min
Delta R.T.: -0.004 min
Response: 9493062
Conc: 63.51 ug/ml



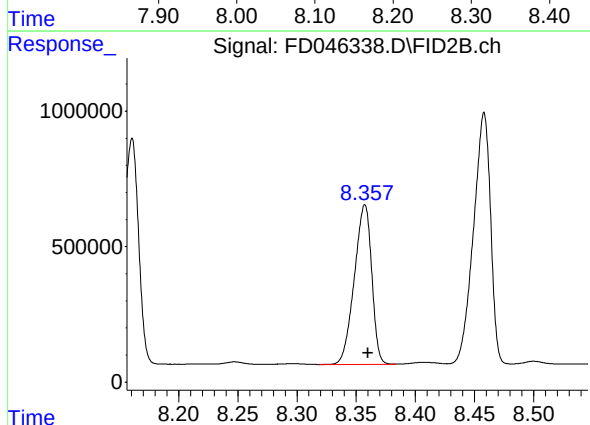
#5 Acenaphthylene (C15.06)

R.T.: 8.160 min
Delta R.T.: -0.004 min
Response: 8239021
Conc: 54.00 ug/ml

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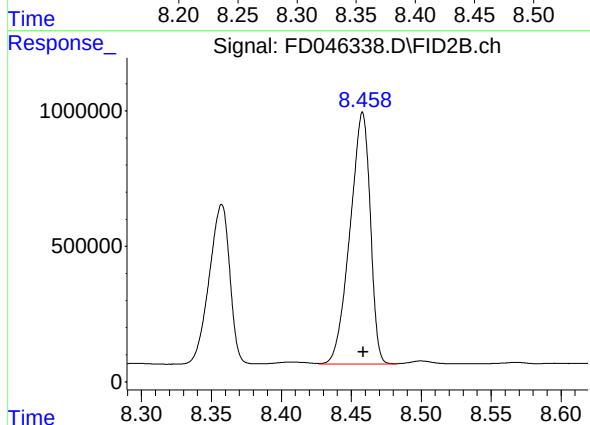
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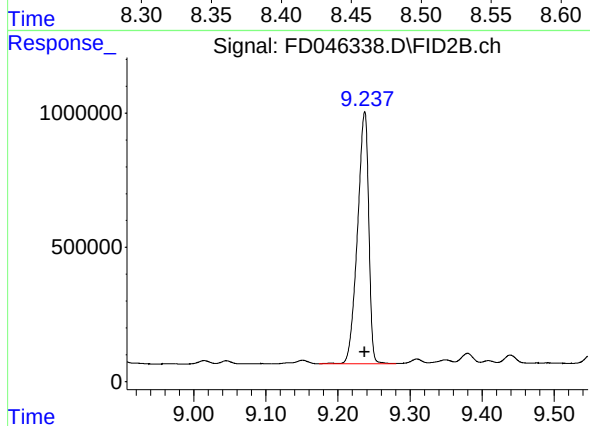
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.357 min
Delta R.T.: -0.003 min
Response: 6033970
Conc: 64.46 ug/ml



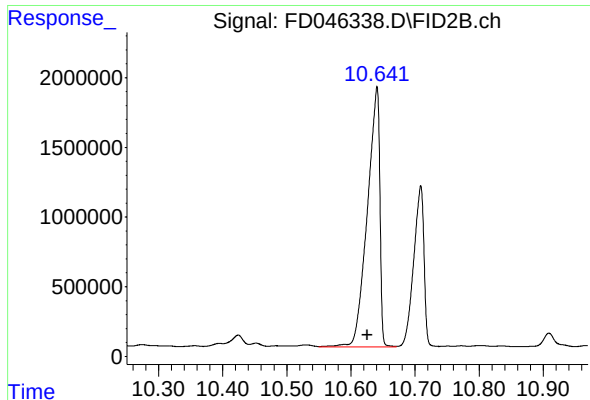
#7 Acenaphthene (C15.5)

R.T.: 8.458 min
Delta R.T.: 0.000 min
Response: 9366599
Conc: 57.44 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.237 min
Delta R.T.: 0.000 min
Response: 10187547
Conc: 66.95 ug/ml



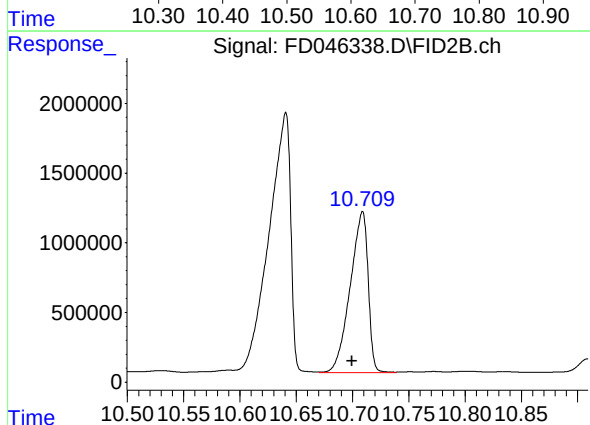
#9 Phenanthrene (C19.36)

R.T.: 10.639 min
Delta R.T.: 0.014 min
Response: 25219174
Conc: 175.14 ug/ml

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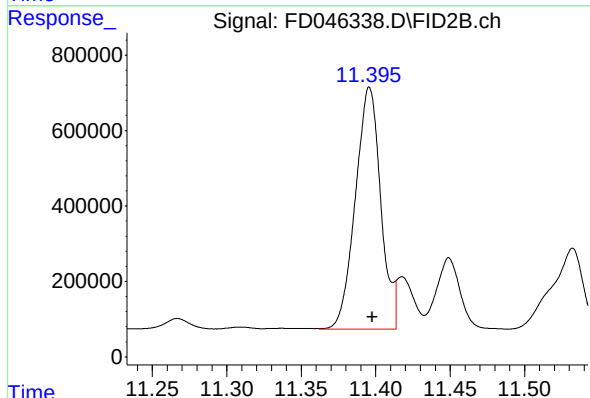
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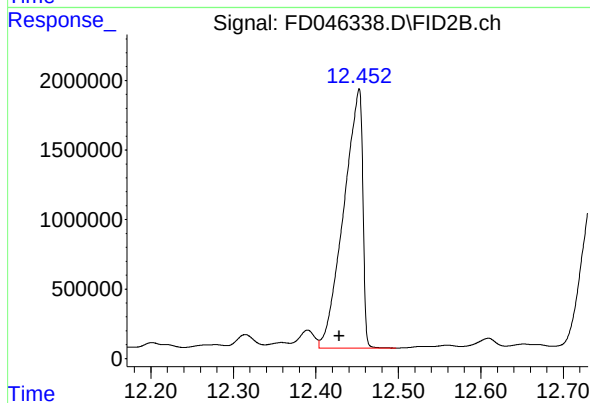
#10 Anthracene (C19.43)

R.T.: 10.708 min
Delta R.T.: 0.008 min
Response: 12794531
Conc: 97.76 ug/ml



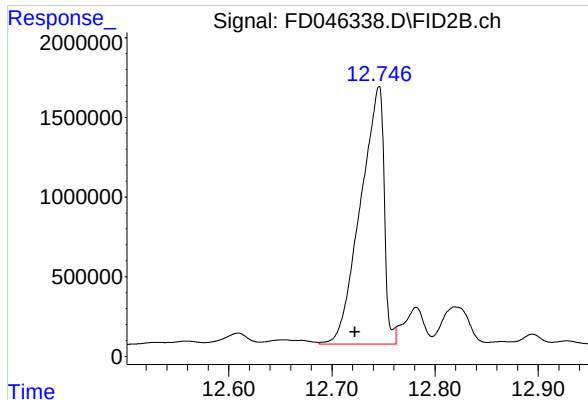
#11 ortho-Terphenyl (SURR)

R.T.: 11.395 min
Delta R.T.: -0.002 min
Response: 7635694
Conc: 43.72 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.451 min
Delta R.T.: 0.022 min
Response: 29786325
Conc: 213.17 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.744 min
Delta R.T.: 0.022 min
Response: 25641450
Conc: 185.01 ug/ml

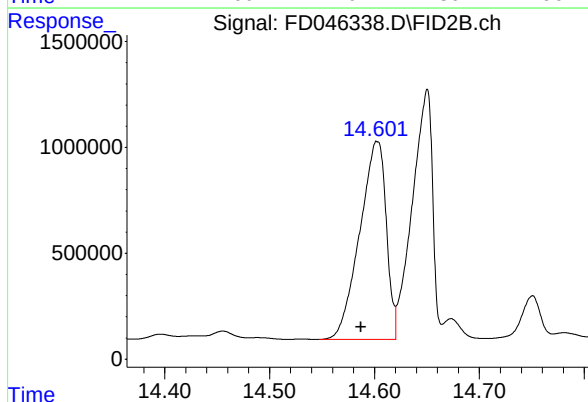
Instrument :

FID_D

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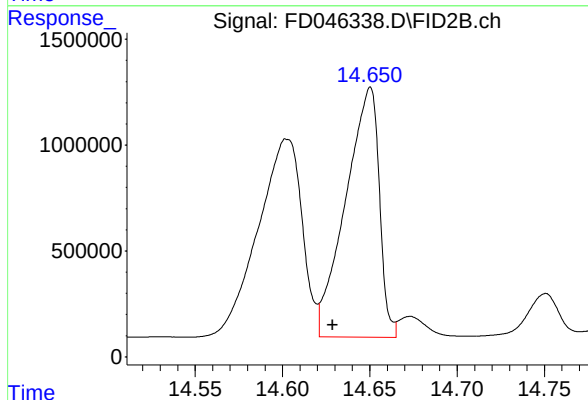
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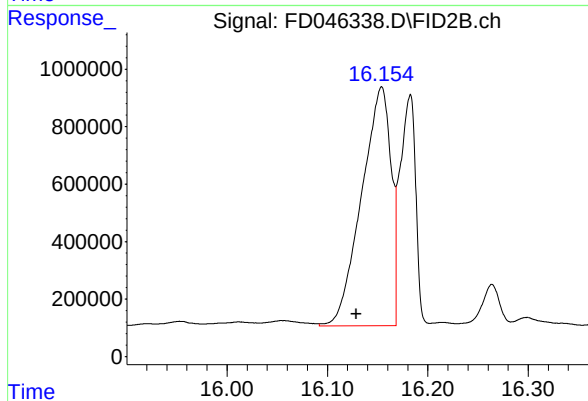
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.602 min
Delta R.T.: 0.015 min
Response: 16441717
Conc: 125.26 ug/ml



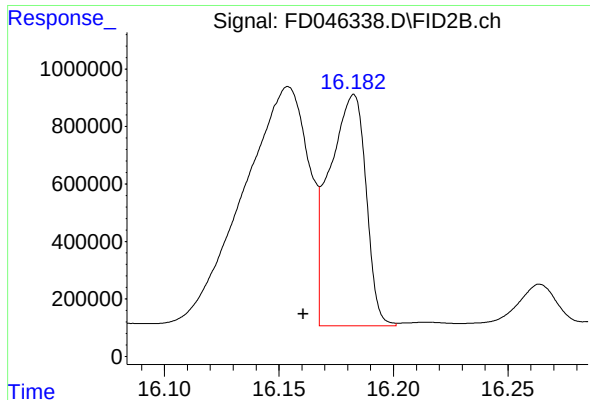
#15 Chrysene (C27.41)

R.T.: 14.650 min
Delta R.T.: 0.021 min
Response: 15786224
Conc: 111.96 ug/ml m



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

R.T.: 16.154 min
Delta R.T.: 0.025 min
Response: 16897800
Conc: 123.55 ug/ml



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

R.T.: 16.182 min
Delta R.T.: 0.022 min
Response: 8874116
Conc: 64.74 ug/ml

Instrument :

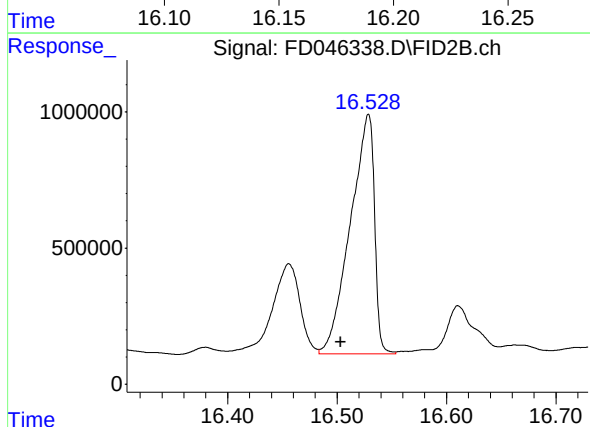
FID_D

ClientSampleId :

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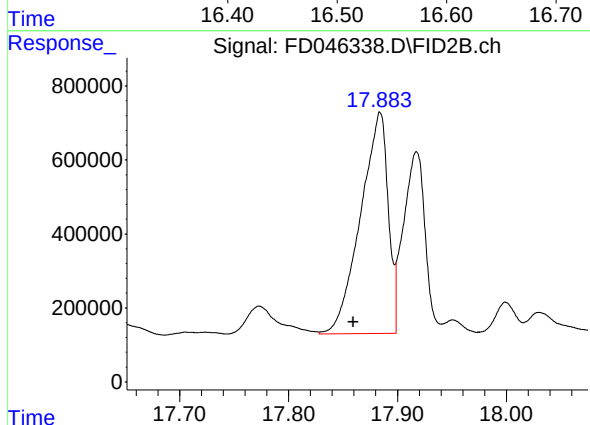
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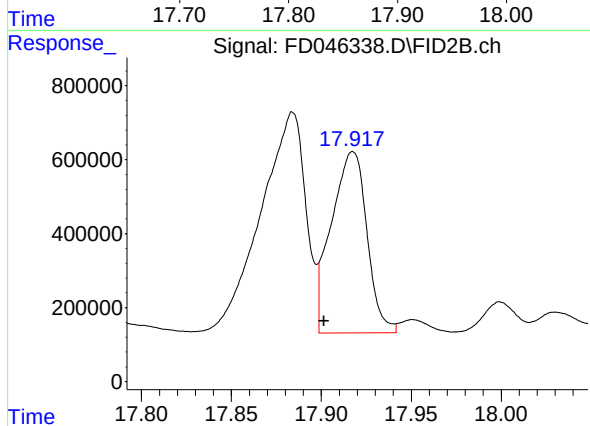
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.528 min
Delta R.T.: 0.025 min
Response: 13469906
Conc: 103.46 ug/ml



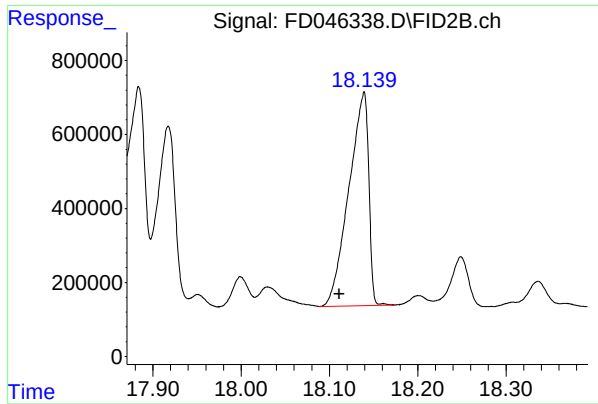
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.883 min
Delta R.T.: 0.024 min
Response: 10564700
Conc: 87.84 ug/ml



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

R.T.: 17.917 min
Delta R.T.: 0.016 min
Response: 6765142
Conc: 52.90 ug/ml



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

R.T.: 18.138 min
Delta R.T.: 0.027 min
Response: 8996874
Conc: 70.92 ug/ml

Instrument :

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