

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091323AR\
 Data File : FD046469.D
 Signal(s) : FID2B.ch
 Acq On : 13 Sep 2023 17:05
 Operator : YP/AJ
 Sample : PB155523BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB155523BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/14/2023
 Supervised By :Ankita Jodhani 09/14/2023

Integration File: autoint1.e
 Quant Time: Sep 14 02:58:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 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...	7.494	8791435	52.055 ug/ml
Spiked Amount 50.000		Recovery =	104.11%
6) S 2-Fluorobiphenyl (SURR)	8.347	5552244	49.890 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.78%
11) S ortho-Terphenyl (SURR)	11.387	9890604	50.429 ug/ml
Spiked Amount 50.000		Recovery =	100.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.304	5862968	33.365 ug/ml
2) T Naphthalene (C11.7)	5.831	6892282	37.396 ug/ml
3) T 2-Methylnaphthalene (...)	6.881	7234293	38.962 ug/ml
5) T Acenaphthylene (C15.06)	8.151	7700905	45.252 ug/ml
7) T Acenaphthene (C15.5)	8.447	7618612	42.288 ug/ml
8) T Fluorene (C16.55)	9.225	7893227	45.132 ug/ml
9) T Phenanthrene (C19.36)	10.615	8050012	46.918 ug/ml
10) T Anthracene (C19.43)	10.690	7989366	47.360 ug/ml
12) T Fluoranthene (C21.85)	12.419	8196278	49.265 ug/ml
13) T Pyrene (C20.8)	12.714	8225822	51.037 ug/ml
14) T Benzo[a]anthracene (C...	14.578	7508751	53.372 ug/ml
15) T Chrysene (C27.41)	14.623	7533008	50.784 ug/ml
16) T benzo[b]fluoranthene ...	16.121	7109550	52.322 ug/ml
17) T Bnezo[k]fluoranthene ...	16.156	7058578	52.030 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.497	6635914	50.363 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.856	6682809	53.576 ug/ml
20) T Dibenz[a,h]anthracene...	17.896	6309608	50.353 ug/ml
21) T Benzo[g,h,i]perylene ...	18.109	6304853	49.164 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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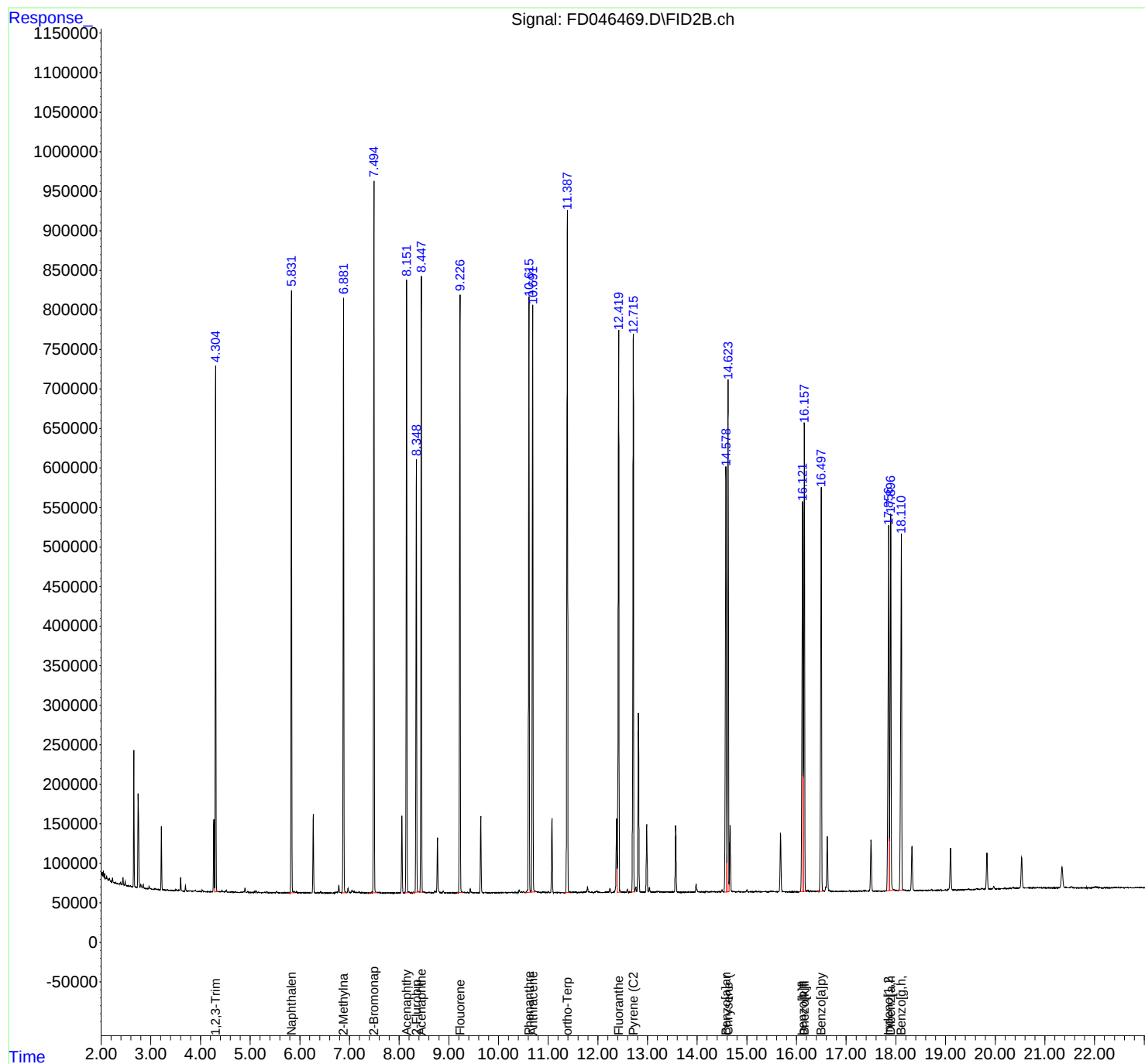
Instrument :
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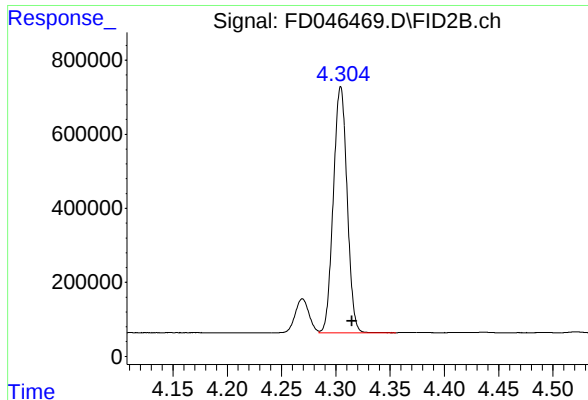
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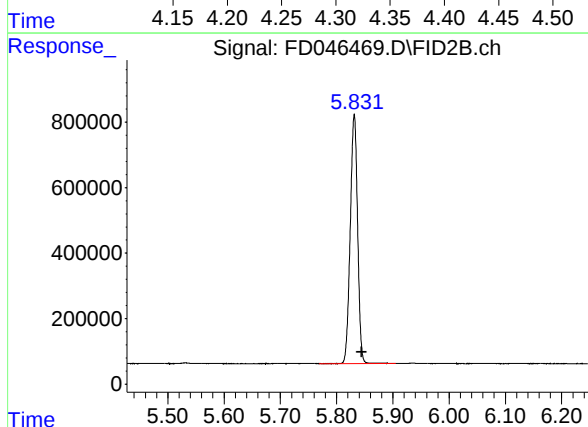
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.304 min
Delta R.T.: -0.011 min
Response: 5862968
Conc: 33.36 ug/ml

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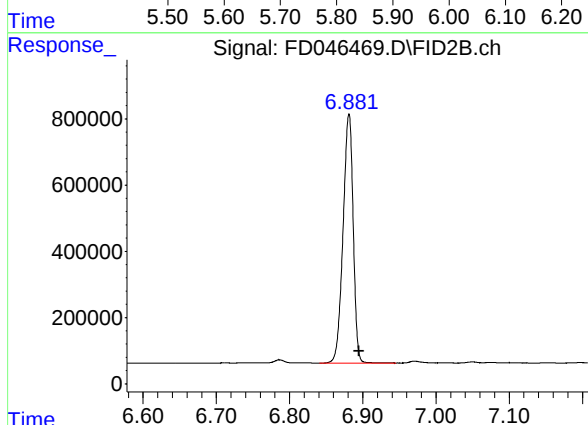
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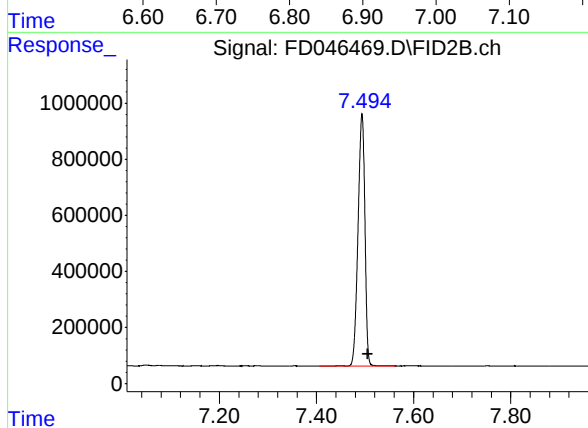
#2 Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: -0.013 min
Response: 6892282
Conc: 37.40 ug/ml



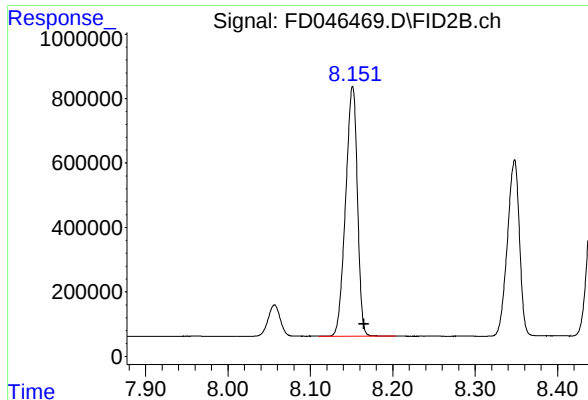
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.881 min
Delta R.T.: -0.014 min
Response: 7234293
Conc: 38.96 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.494 min
Delta R.T.: -0.012 min
Response: 8791435
Conc: 52.06 ug/ml



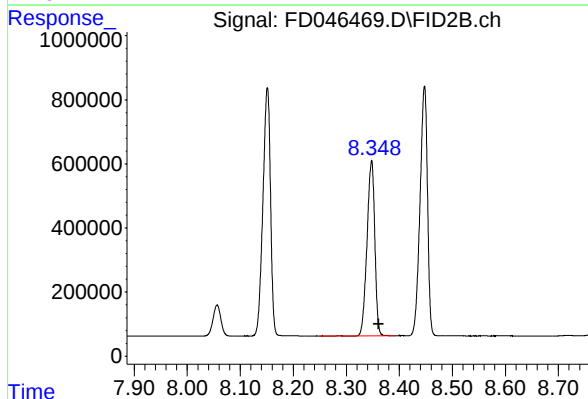
#5 Acenaphthylene (C15.06)

R.T.: 8.151 min
Delta R.T.: -0.014 min
Response: 7700905
Conc: 45.25 ug/ml

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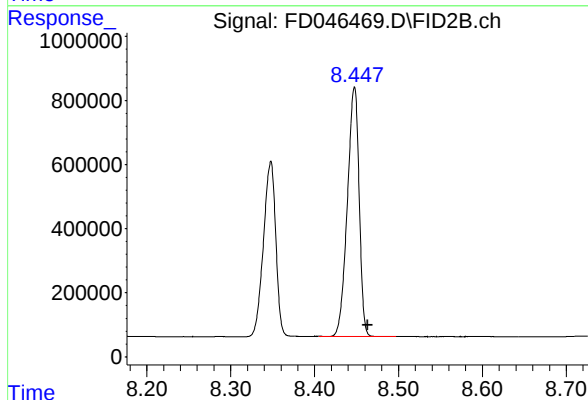
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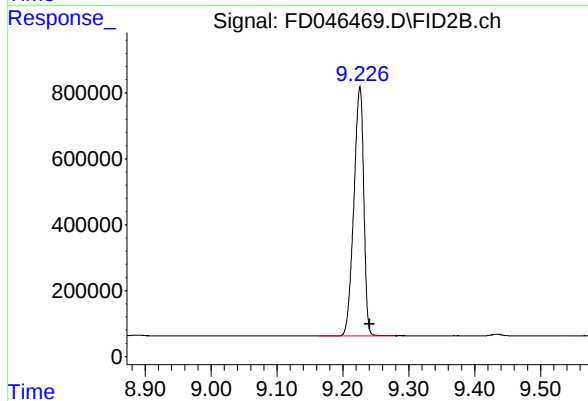
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.347 min
Delta R.T.: -0.014 min
Response: 5552244
Conc: 49.89 ug/ml



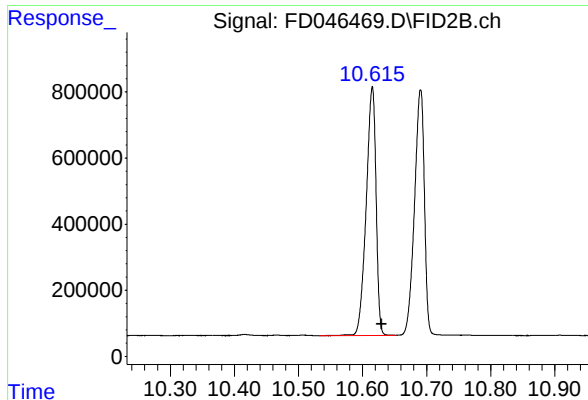
#7 Acenaphthene (C15.5)

R.T.: 8.447 min
Delta R.T.: -0.016 min
Response: 7618612
Conc: 42.29 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.225 min
Delta R.T.: -0.015 min
Response: 7893227
Conc: 45.13 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.615 min
Delta R.T.: -0.015 min
Response: 8050012
Conc: 46.92 ug/ml

Instrument :

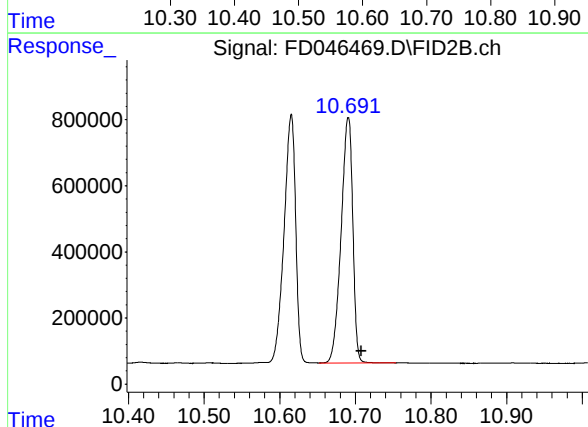
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ClientSampleId :

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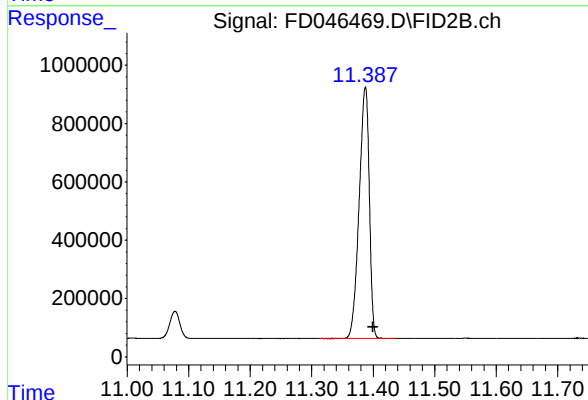
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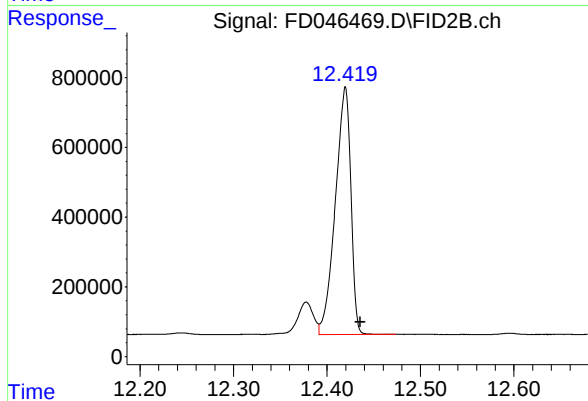
#10 Anthracene (C19.43)

R.T.: 10.690 min
Delta R.T.: -0.018 min
Response: 7989366
Conc: 47.36 ug/ml



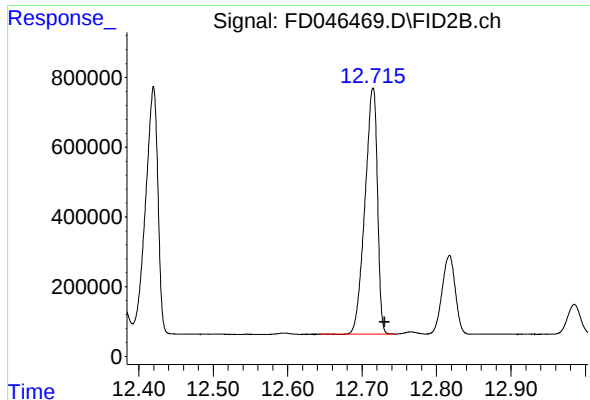
#11 ortho-Terphenyl (SURR)

R.T.: 11.387 min
Delta R.T.: -0.012 min
Response: 9890604
Conc: 50.43 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.419 min
Delta R.T.: -0.017 min
Response: 8196278
Conc: 49.27 ug/ml



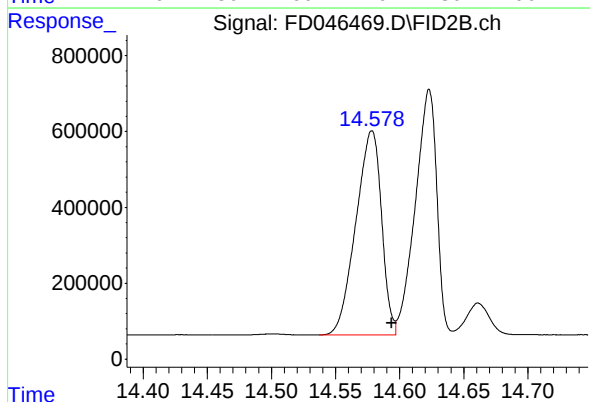
#13 Pyrene (C20.8)

R.T.: 12.714 min
Delta R.T.: -0.016 min
Response: 8225822
Conc: 51.04 ug/ml

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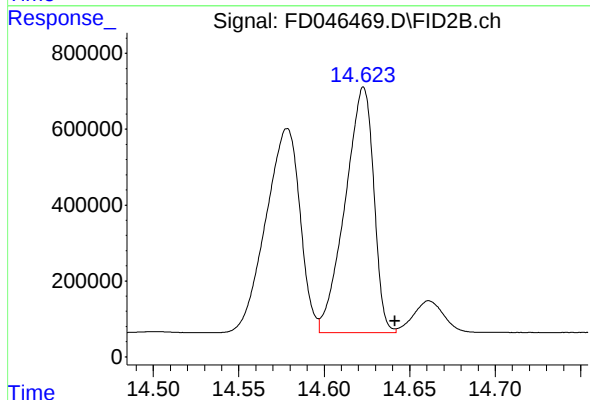
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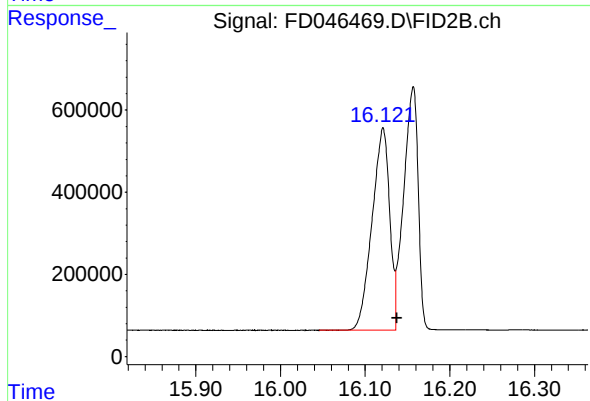
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: -0.016 min
Response: 7508751
Conc: 53.37 ug/ml



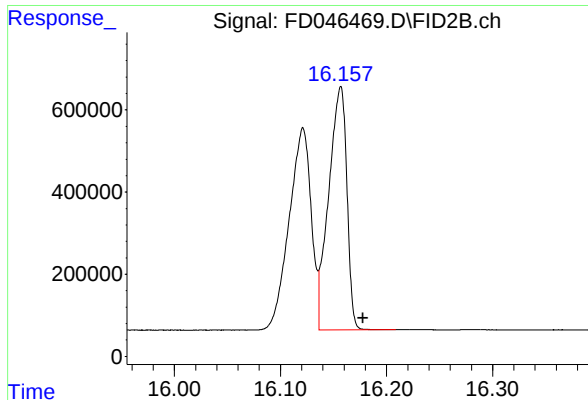
#15 Chrysene (C27.41)

R.T.: 14.623 min
Delta R.T.: -0.019 min
Response: 7533008
Conc: 50.78 ug/ml



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

R.T.: 16.121 min
Delta R.T.: -0.017 min
Response: 7109550
Conc: 52.32 ug/ml



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

R.T.: 16.156 min
Delta R.T.: -0.022 min
Response: 7058578
Conc: 52.03 ug/ml

Instrument :

FID_D

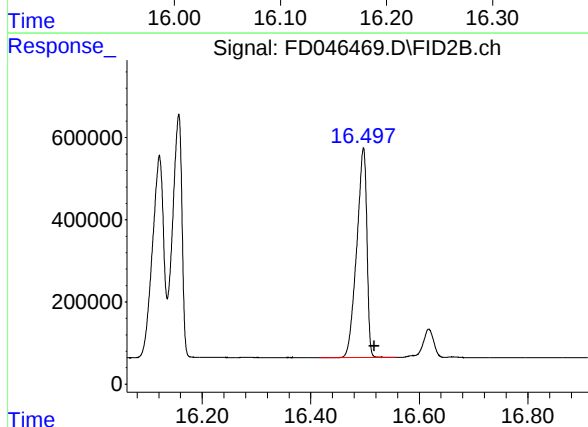
ClientSampleId :

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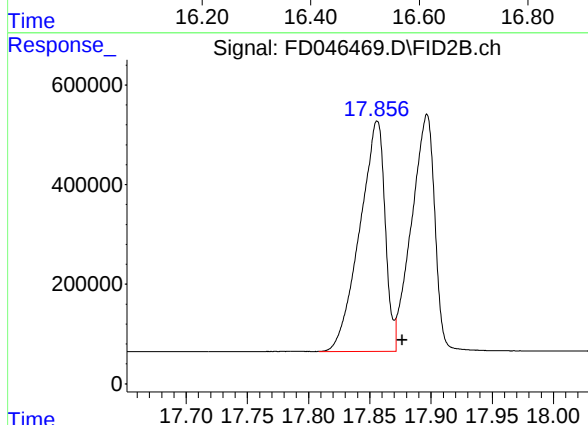
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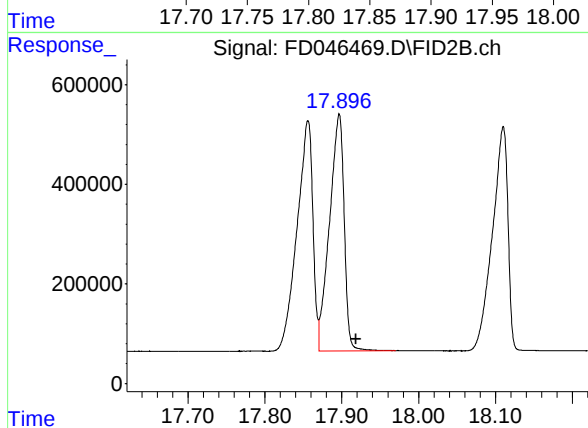
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.497 min
Delta R.T.: -0.021 min
Response: 6635914
Conc: 50.36 ug/ml



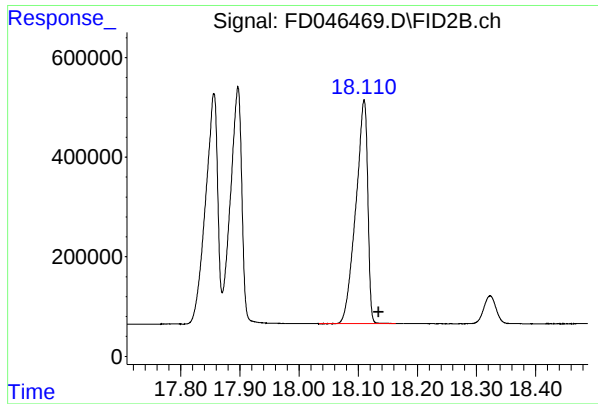
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.856 min
Delta R.T.: -0.021 min
Response: 6682809
Conc: 53.58 ug/ml m



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

R.T.: 17.896 min
Delta R.T.: -0.022 min
Response: 6309608
Conc: 50.35 ug/ml



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

R.T.: 18.109 min
Delta R.T.: -0.025 min
Response: 6304853
Conc: 49.16 ug/ml

Instrument :

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