

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD063022AR\
 Data File : FD043135.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jun 2022 22:18
 Operator : YP/AJ
 Sample : PB145955BSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB145955BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2022
 Supervised By :Ankita Jodhani 07/01/2022

Integration File: autoint1.e
 Quant Time: Jul 01 04:04:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 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...	7.629	5849500	37.883 ug/ml
Spiked Amount 50.000		Recovery =	75.77%
6) S 2-Fluorobiphenyl (SURR)	8.492	3982104	37.754 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.51%
11) S ortho-Terphenyl (SURR)	11.536	5748683	31.630 ug/ml
Spiked Amount 50.000		Recovery =	63.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.425	4290925	25.549 ug/mlm
2) T Naphthalene (C11.7)	5.965	4841873	27.657 ug/ml
3) T 2-Methylnaphthalene (...)	7.018	4937517	30.698 ug/ml
5) T Acenaphthylene (C15.06)	8.295	4853320	27.305 ug/ml
7) T Acenaphthene (C15.5)	8.591	5198010	29.684 ug/ml
8) T Flouorene (C16.55)	9.372	5332257	30.762 ug/ml
9) T Phenanthrene (C19.36)	10.770	5487410	31.995 ug/ml
10) T Anthracene (C19.43)	10.846	5479401	32.252 ug/ml
12) T Fluoranthene (C21.85)	12.583	5597388	33.374 ug/ml
13) T Pyrene (C20.8)	12.881	5514816	33.840 ug/mlm
14) T Benzo[a]anthracene (C...	14.753	5188360	33.409 ug/ml
15) T Chrysene (C27.41)	14.796	6207823	39.332 ug/ml
16) T benzo[b]fluoranthene ...	16.304	5041300	33.072 ug/ml
17) T Bnezo[k]fluoranthene ...	16.338	5032649	34.385 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.682	4526460	31.646 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.048	4914855	39.276 ug/ml
20) T Dibenz[a,h]anthracene...	18.087	4756414	35.380 ug/ml
21) T Benzo[g,h,i]perylene ...	18.304	4698737	36.025 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB145955BSD
Misc :
ALS Vial : 61 Sample Multiplier: 1

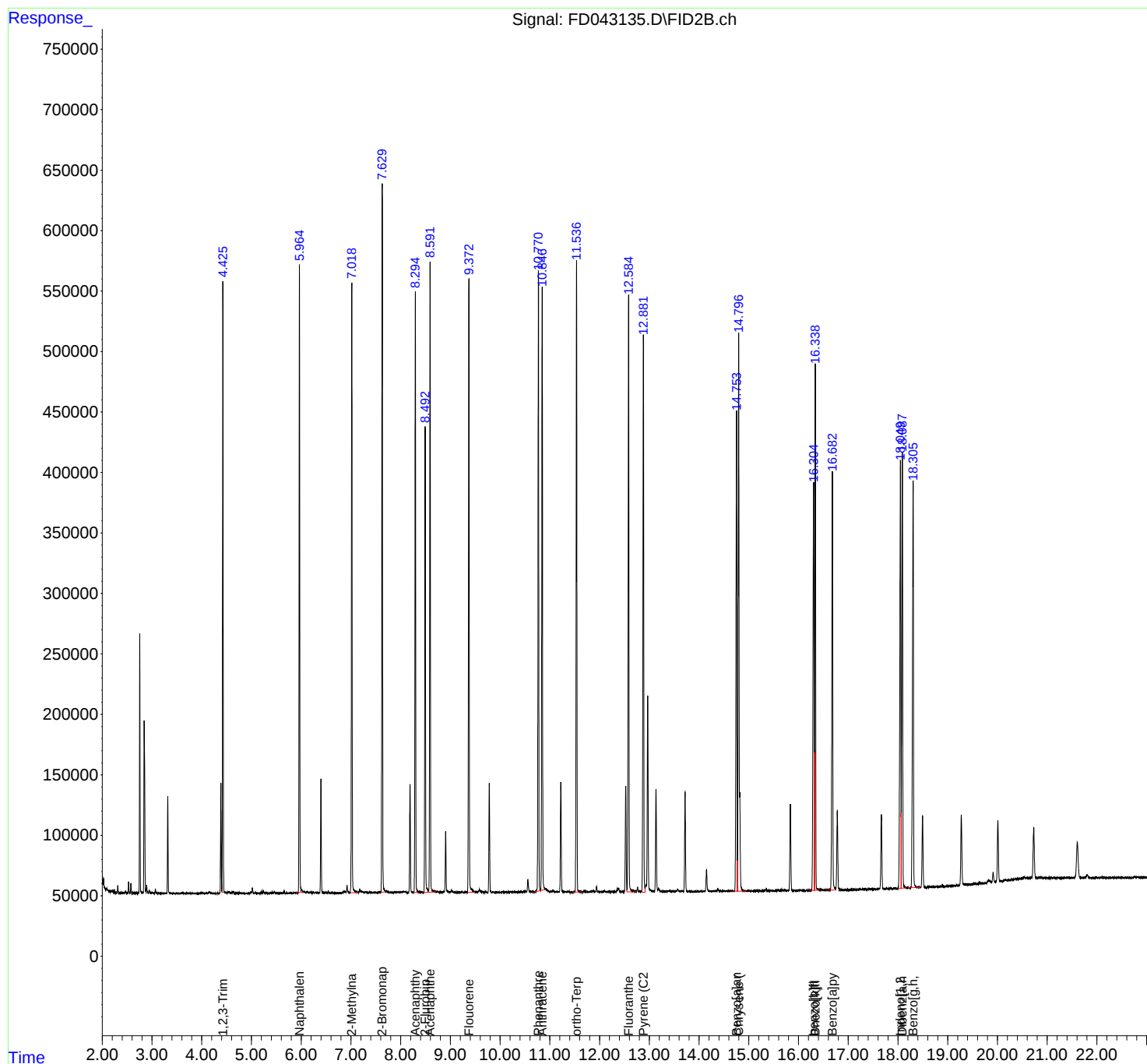
Instrument :
FID_D
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PB145955BSD

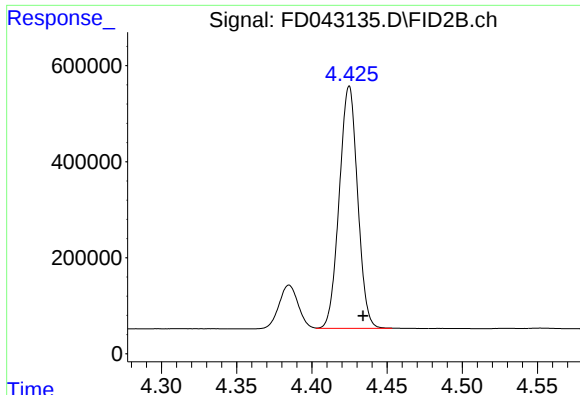
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.425 min
Delta R.T.: -0.009 min
Response: 4290925
Conc: 25.55 ug/ml

Instrument :

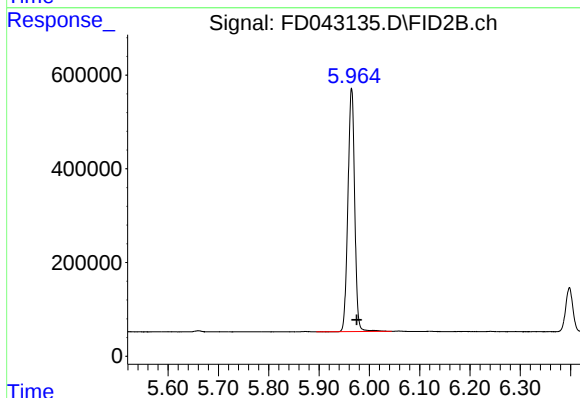
FID_D

ClientSampleId :

PB145955BSD

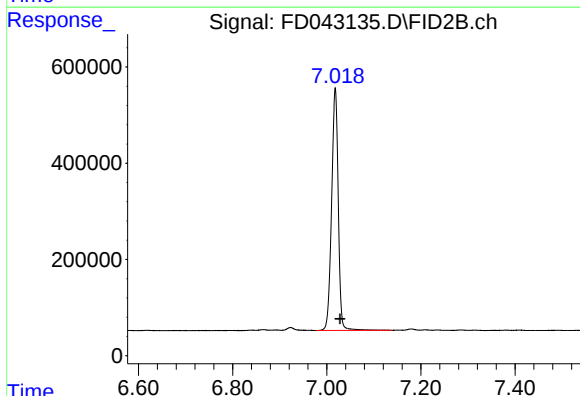
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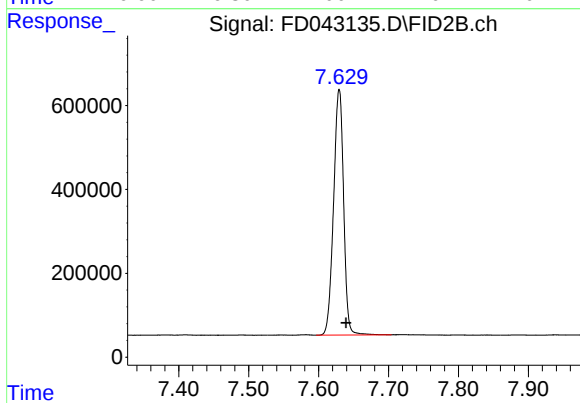
#2 Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.010 min
Response: 4841873
Conc: 27.66 ug/ml



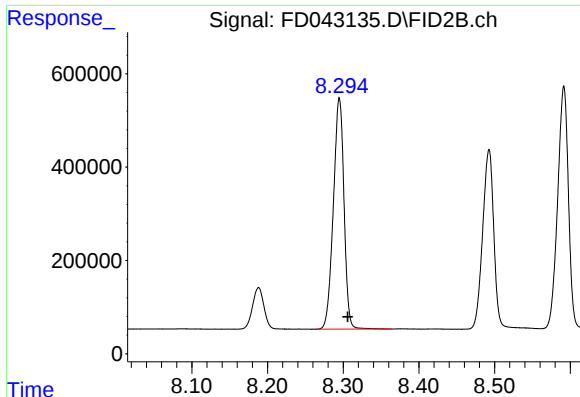
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.018 min
Delta R.T.: -0.010 min
Response: 4937517
Conc: 30.70 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.629 min
Delta R.T.: -0.010 min
Response: 5849500
Conc: 37.88 ug/ml



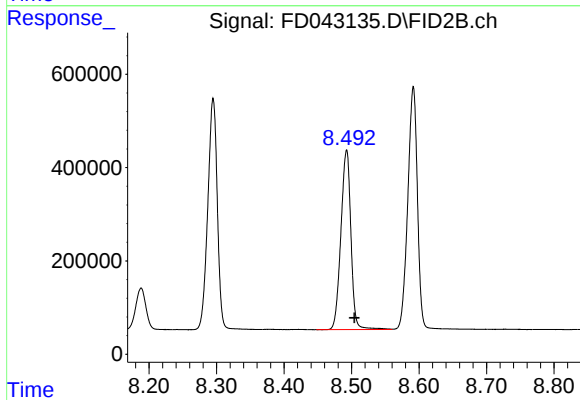
#5 Acenaphthylene (C15.06)

R.T.: 8.295 min
Delta R.T.: -0.011 min
Response: 4853320
Conc: 27.30 ug/ml

Instrument :
FID_D
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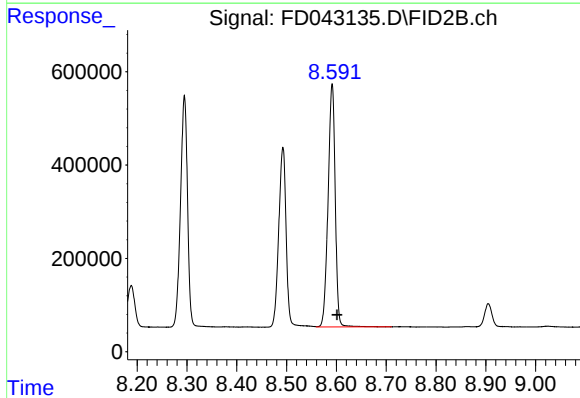
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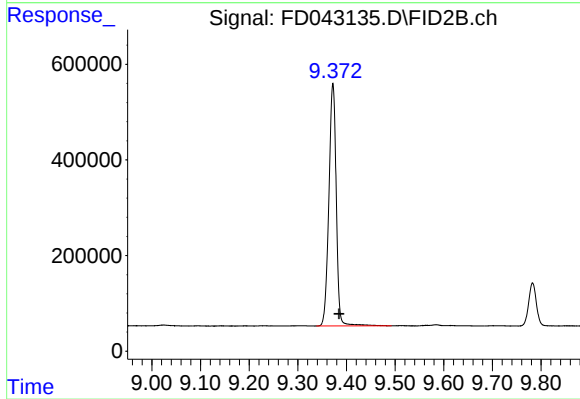
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.492 min
Delta R.T.: -0.012 min
Response: 3982104
Conc: 37.75 ug/ml



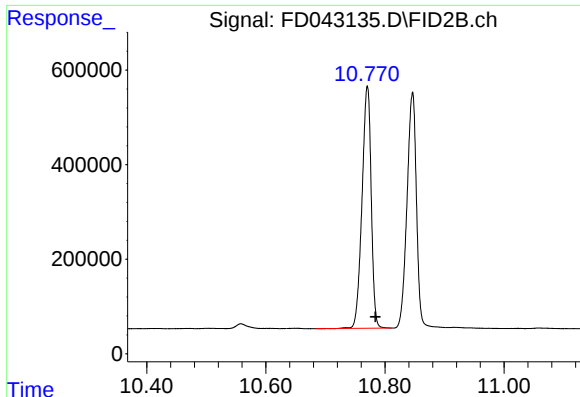
#7 Acenaphthene (C15.5)

R.T.: 8.591 min
Delta R.T.: -0.011 min
Response: 5198010
Conc: 29.68 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.372 min
Delta R.T.: -0.013 min
Response: 5332257
Conc: 30.76 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.770 min
Delta R.T.: -0.013 min
Response: 5487410
Conc: 31.99 ug/ml

Instrument :

FID_D

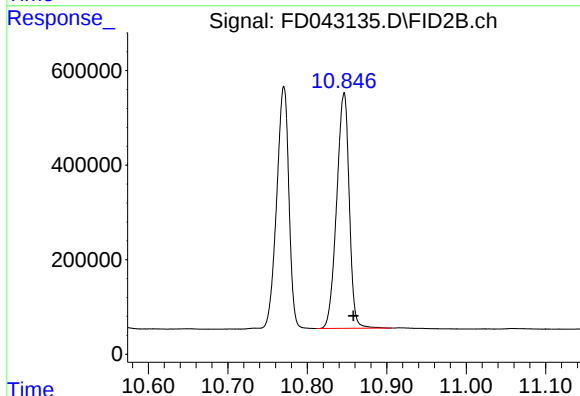
ClientSampleId :

PB145955BSD

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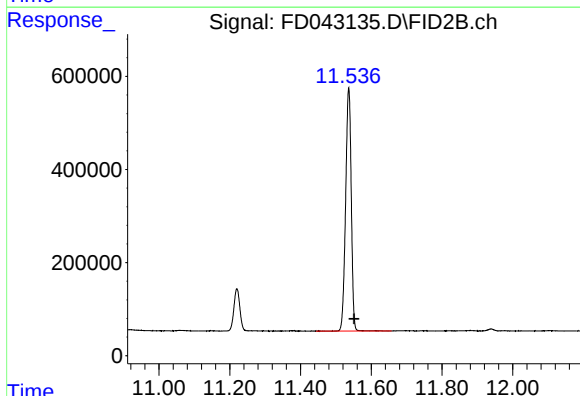
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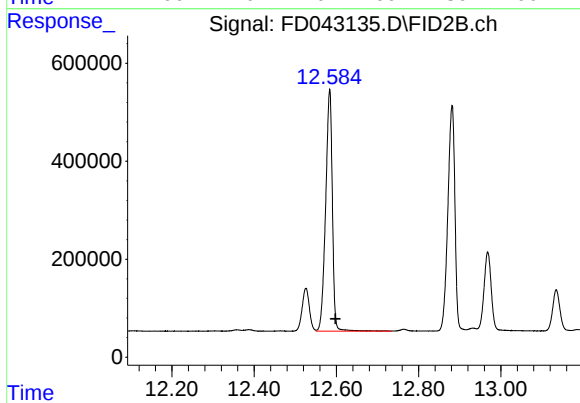
#10 Anthracene (C19.43)

R.T.: 10.846 min
Delta R.T.: -0.012 min
Response: 5479401
Conc: 32.25 ug/ml



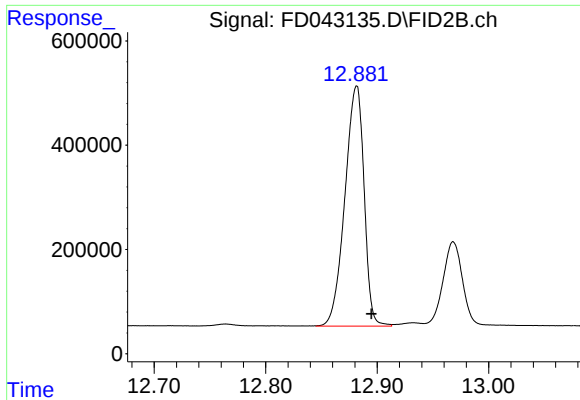
#11 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.015 min
Response: 5748683
Conc: 31.63 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.583 min
Delta R.T.: -0.014 min
Response: 5597388
Conc: 33.37 ug/ml



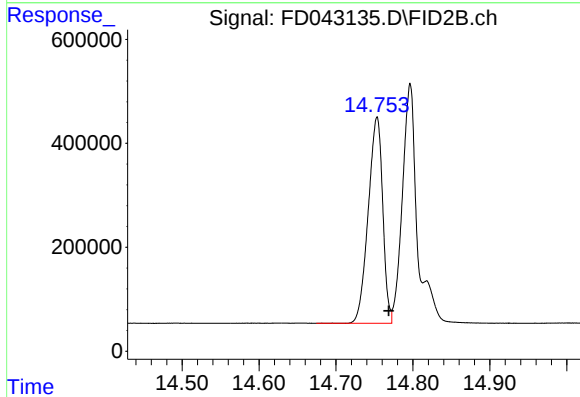
#13 Pyrene (C20.8)

R.T.: 12.881 min
Delta R.T.: -0.014 min
Response: 5514816
Conc: 33.84 ug/ml

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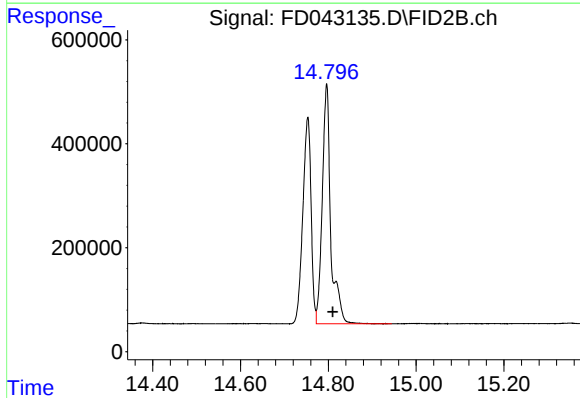
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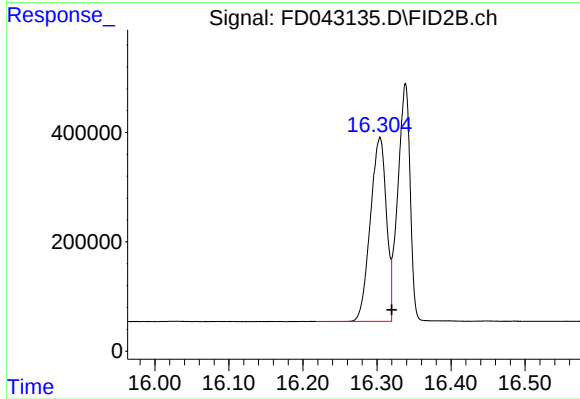
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.753 min
Delta R.T.: -0.015 min
Response: 5188360
Conc: 33.41 ug/ml



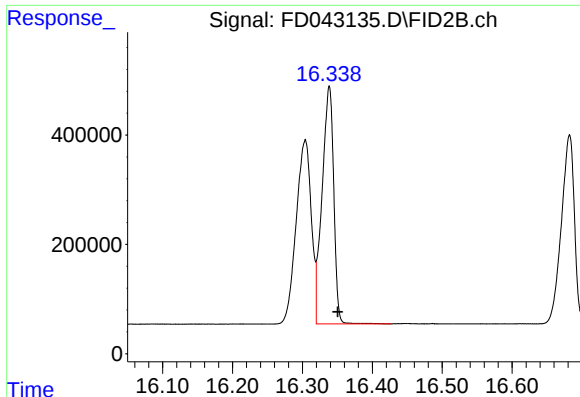
#15 Chrysene (C27.41)

R.T.: 14.796 min
Delta R.T.: -0.014 min
Response: 6207823
Conc: 39.33 ug/ml



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

R.T.: 16.304 min
Delta R.T.: -0.016 min
Response: 5041300
Conc: 33.07 ug/ml



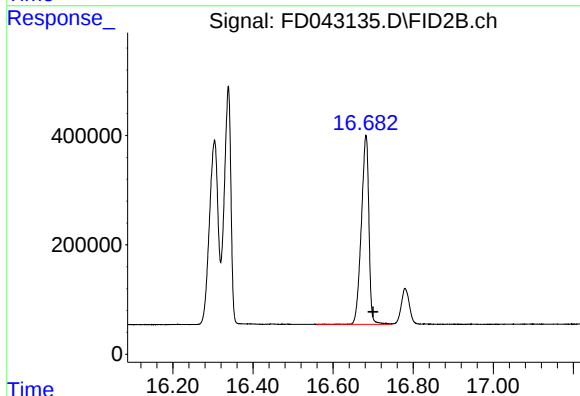
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.338 min
Delta R.T.: -0.013 min
Response: 5032649
Conc: 34.39 ug/ml

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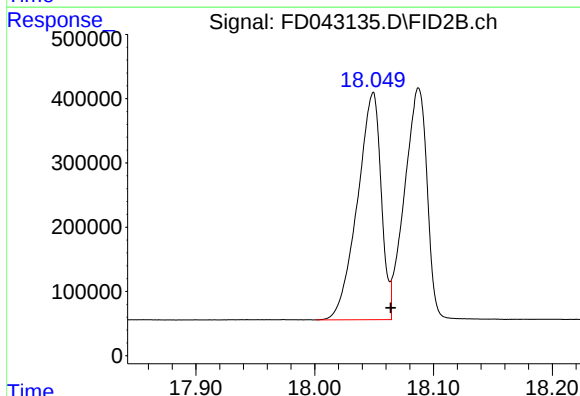
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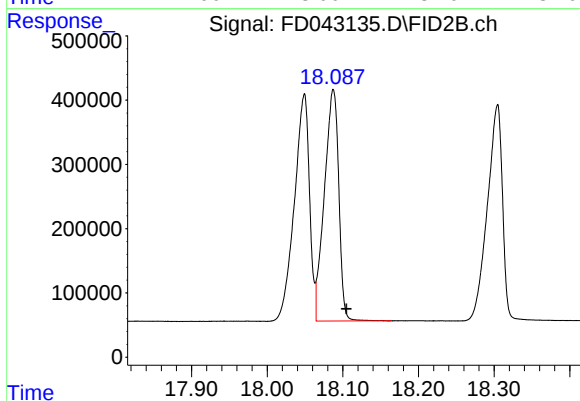
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.682 min
Delta R.T.: -0.018 min
Response: 4526460
Conc: 31.65 ug/ml



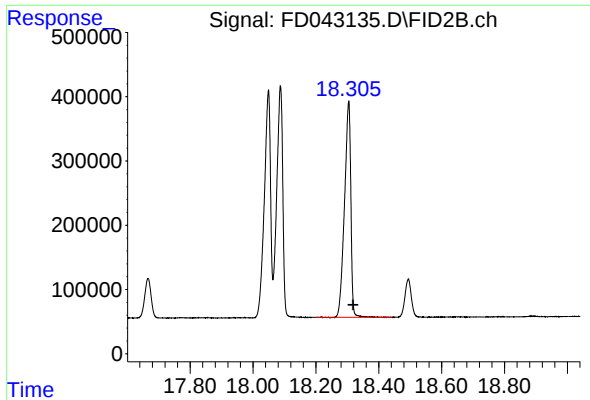
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.048 min
Delta R.T.: -0.016 min
Response: 4914855
Conc: 39.28 ug/ml



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

R.T.: 18.087 min
Delta R.T.: -0.018 min
Response: 4756414
Conc: 35.38 ug/ml



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

R.T.: 18.304 min
Delta R.T.: -0.015 min
Response: 4698737
Conc: 36.03 ug/ml

Instrument :

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ClientSampleId :

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