

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083022AR\
 Data File : FD043764.D
 Signal(s) : FID2B.ch
 Acq On : 30 Aug 2022 14:10
 Operator : YP/AJ
 Sample : PB147330BSD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB147330BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/30/2022
 Supervised By :Ankita Jodhani 08/31/2022

Integration File: autoint1.e
 Quant Time: Aug 30 15:14:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 11:00:10 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...	7.447	8370057	48.443 ug/ml
Spiked Amount 50.000		Recovery =	96.89%
6) S 2-Fluorobiphenyl (SURR)	8.302	5168102	51.376 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.75%
11) S ortho-Terphenyl (SURR)	11.337	8759532	41.869 ug/ml
Spiked Amount 50.000		Recovery =	83.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.253	5755283	28.900 ug/mlm
2) T Naphthalene (C11.7)	5.786	6608487	32.878 ug/ml
3) T 2-Methylnaphthalene (...)	6.833	6608792	36.614 ug/ml
5) T Acenaphthylene (C15.06)	8.105	6934528	34.692 ug/ml
7) T Acenaphthene (C15.5)	8.397	7717770	35.904 ug/ml
8) T Flouorene (C16.55)	9.178	7543040	39.345 ug/ml
9) T Phenanthrene (C19.36)	10.570	7848546	43.645 ug/ml
10) T Anthracene (C19.43)	10.646	7983129	41.043 ug/ml
12) T Fluoranthene (C21.85)	12.377	8049850	44.141 ug/mlm
13) T Pyrene (C20.8)	12.671	7879846	42.214 ug/ml
14) T Benzo[a]anthracene (C...	14.540	7209173	50.386 ug/ml
15) T Chrysene (C27.41)	14.582	8376078	43.397 ug/ml
16) T benzo[b]fluoranthene ...	16.087	7057961	48.912 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.119	7280164	42.328 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.462	5888633	40.554 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.828	6226801	60.210 ug/mlm
20) T Dibenz[a,h]anthracene...	17.862	6111570	43.430 ug/ml
21) T Benzo[g,h,i]perylene ...	18.079	6157386	48.367 ug/ml

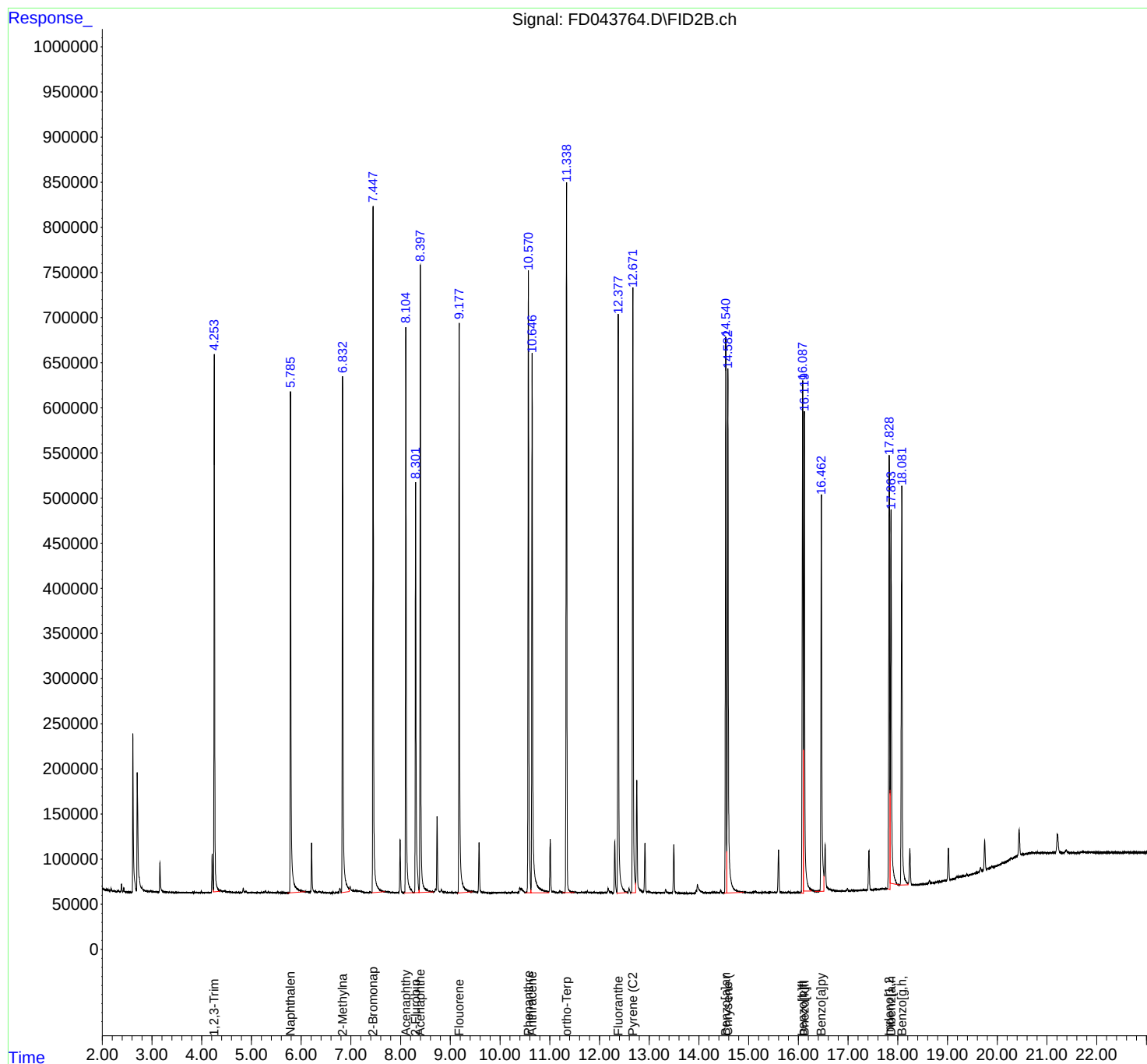
(f)=RT Delta > 1/2 Window

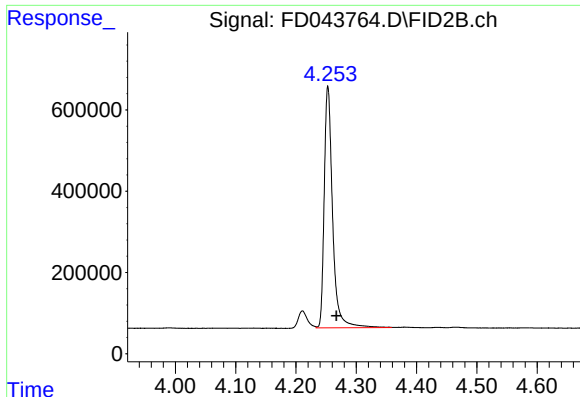
(m)=manual int.

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Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.253 min
Delta R.T.: -0.014 min
Response: 5755283
Conc: 28.90 ug/ml

Instrument :

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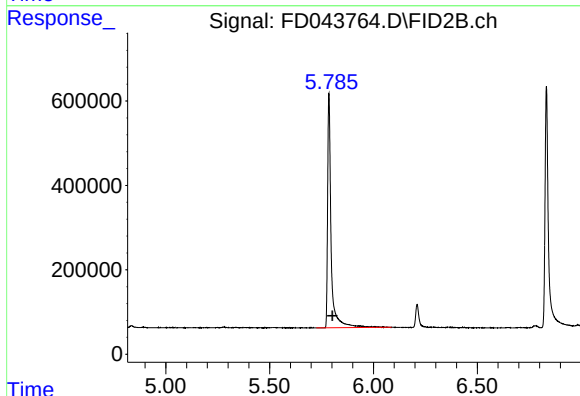
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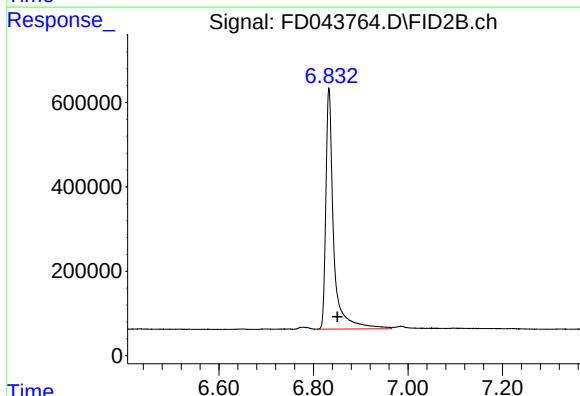
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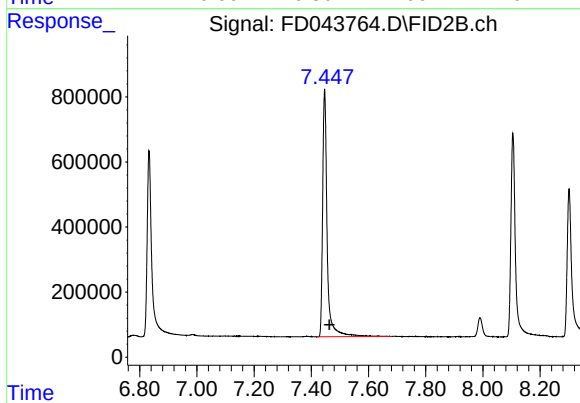
#2 Naphthalene (C11.7)

R.T.: 5.786 min
Delta R.T.: -0.017 min
Response: 6608487
Conc: 32.88 ug/ml



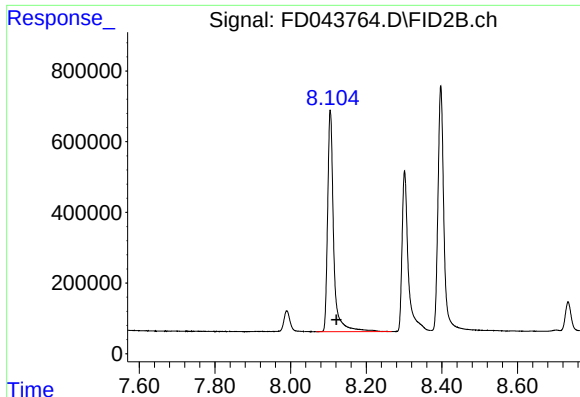
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.833 min
Delta R.T.: -0.017 min
Response: 6608792
Conc: 36.61 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.447 min
Delta R.T.: -0.016 min
Response: 8370057
Conc: 48.44 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.105 min
Delta R.T.: -0.016 min
Response: 6934528
Conc: 34.69 ug/ml

Instrument :

FID_D

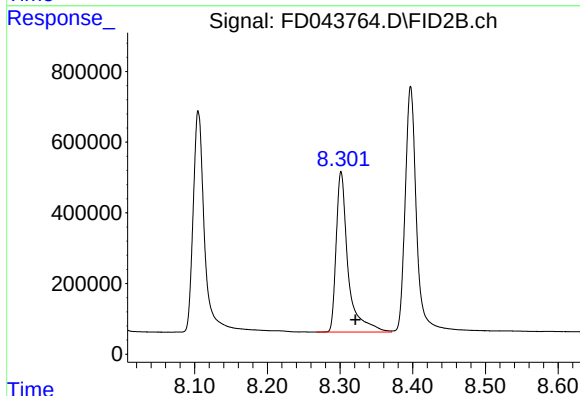
ClientSampleId :

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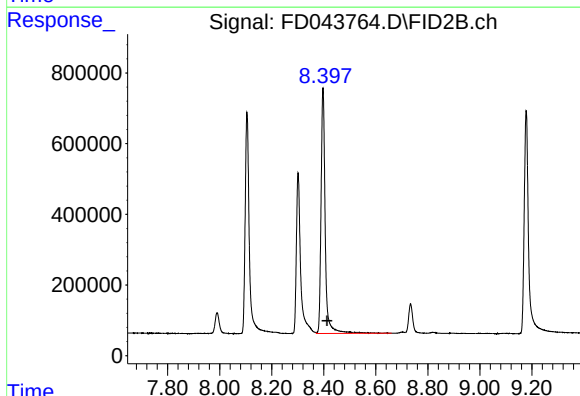
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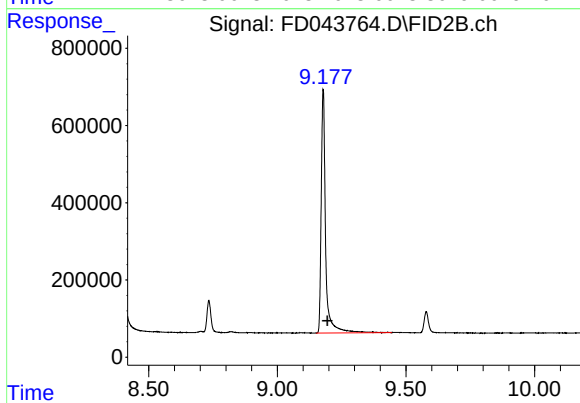
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.302 min
Delta R.T.: -0.019 min
Response: 5168102
Conc: 51.38 ug/ml



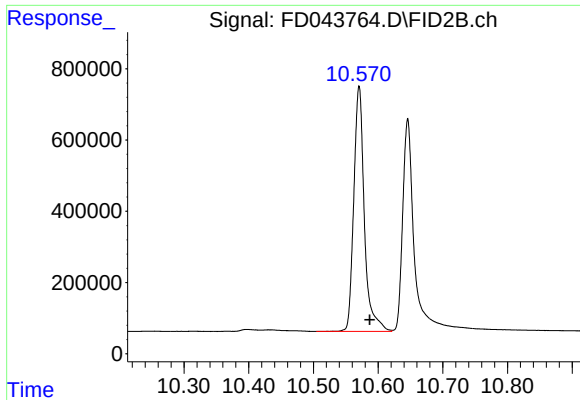
#7 Acenaphthene (C15.5)

R.T.: 8.397 min
Delta R.T.: -0.015 min
Response: 7717770
Conc: 35.90 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.178 min
Delta R.T.: -0.017 min
Response: 7543040
Conc: 39.35 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.570 min
Delta R.T.: -0.016 min
Response: 7848546
Conc: 43.65 ug/ml

Instrument :

FID_D

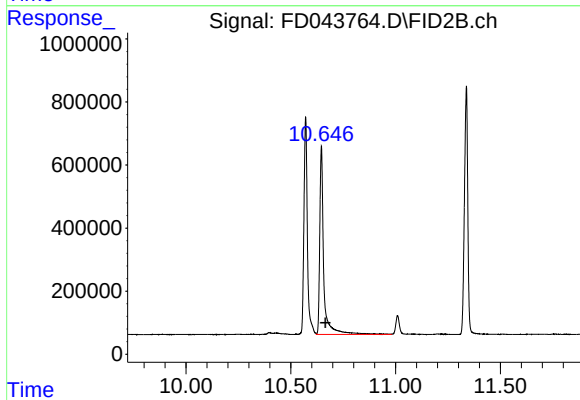
ClientSampleId :

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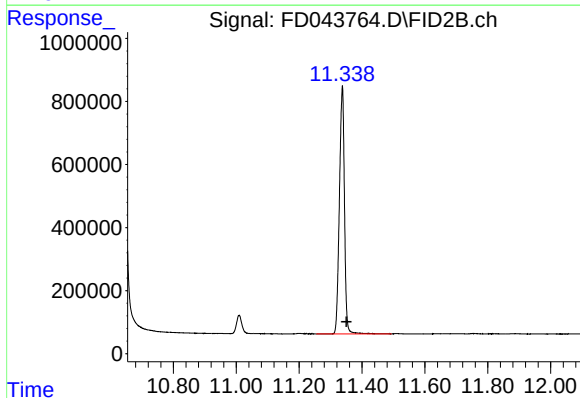
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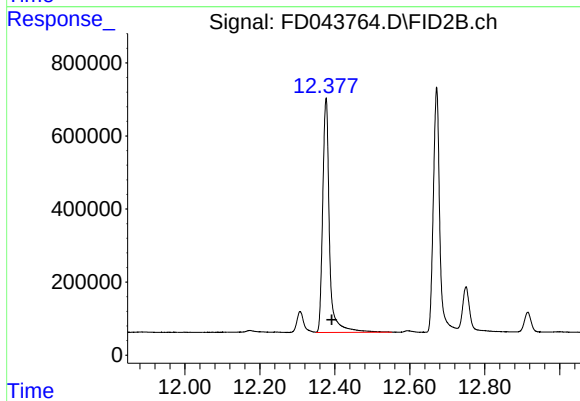
#10 Anthracene (C19.43)

R.T.: 10.646 min
Delta R.T.: -0.018 min
Response: 7983129
Conc: 41.04 ug/ml



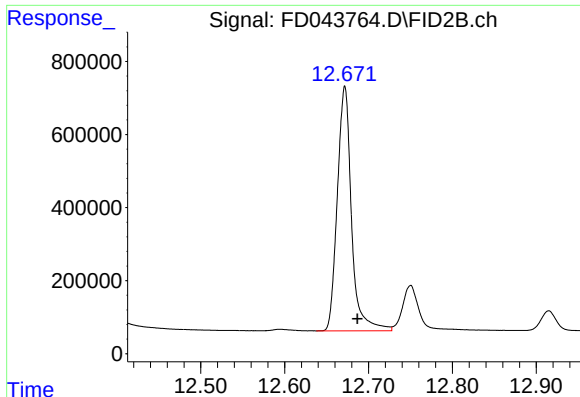
#11 ortho-Terphenyl (SURR)

R.T.: 11.337 min
Delta R.T.: -0.014 min
Response: 8759532
Conc: 41.87 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.377 min
Delta R.T.: -0.015 min
Response: 8049850
Conc: 44.14 ug/ml m



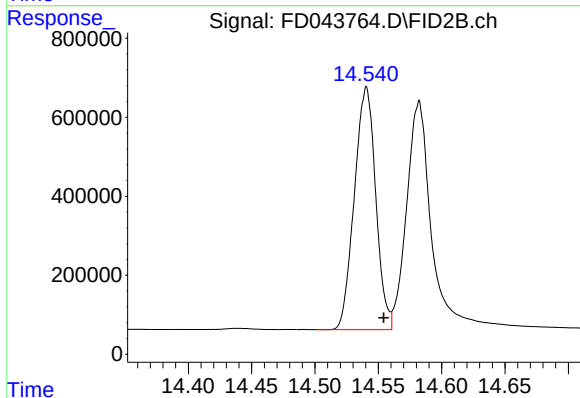
#13 Pyrene (C20.8)

R.T.: 12.671 min
Delta R.T.: -0.016 min
Response: 7879846
Conc: 42.21 ug/ml

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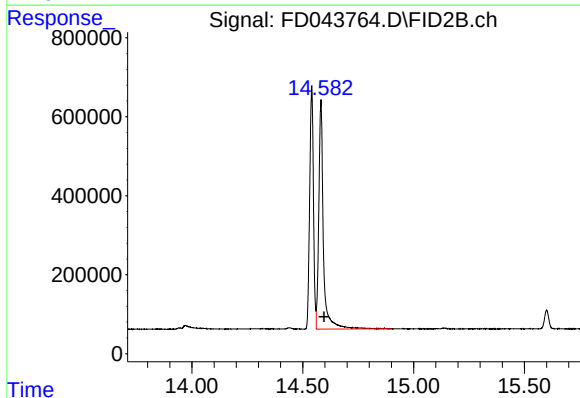
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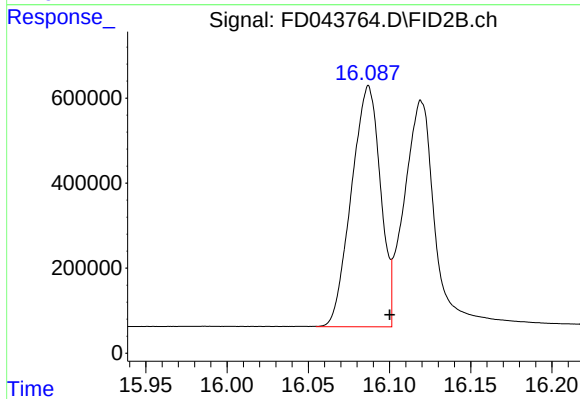
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.540 min
Delta R.T.: -0.014 min
Response: 7209173
Conc: 50.39 ug/ml



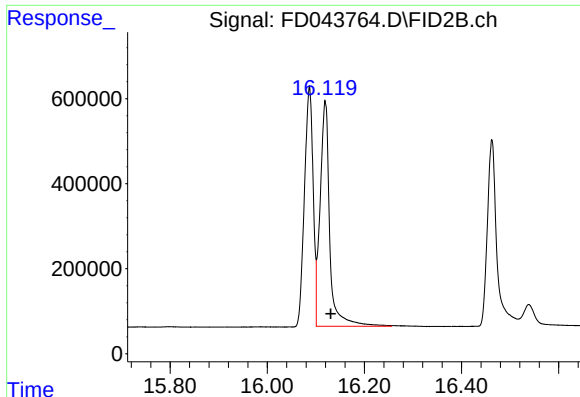
#15 Chrysene (C27.41)

R.T.: 14.582 min
Delta R.T.: -0.015 min
Response: 8376078
Conc: 43.40 ug/ml



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

R.T.: 16.087 min
Delta R.T.: -0.014 min
Response: 7057961
Conc: 48.91 ug/ml m



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

R.T.: 16.119 min
Delta R.T.: -0.012 min
Response: 7280164
Conc: 42.33 ug/ml

Instrument :

FID_D

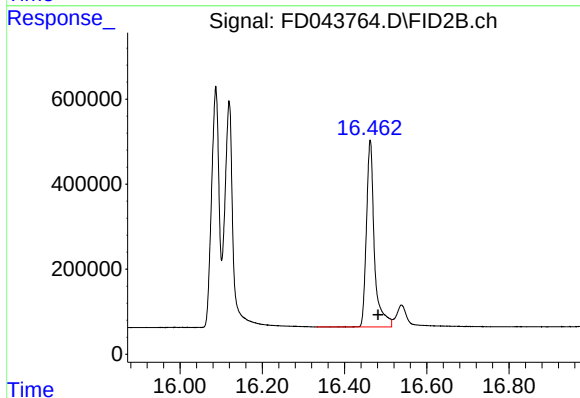
ClientSampleId :

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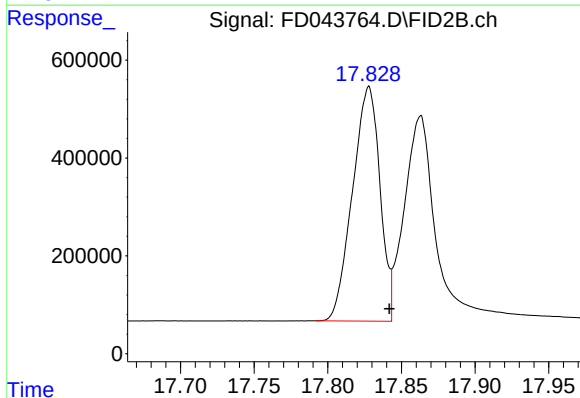
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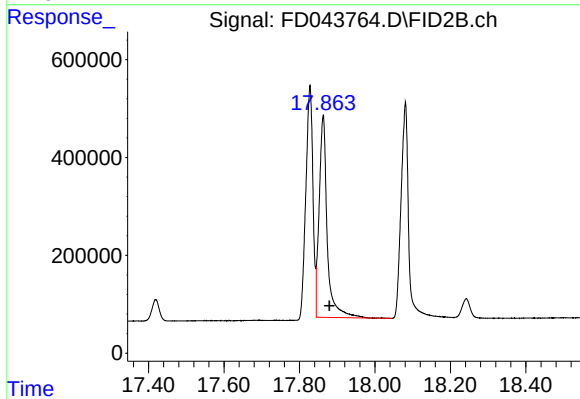
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.462 min
Delta R.T.: -0.019 min
Response: 5888633
Conc: 40.55 ug/ml



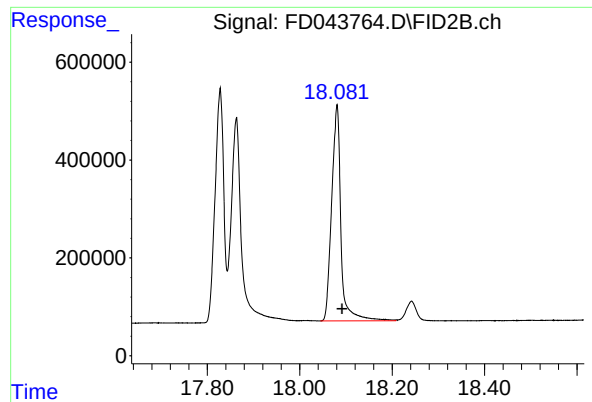
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.828 min
Delta R.T.: -0.014 min
Response: 6226801
Conc: 60.21 ug/ml m



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

R.T.: 17.862 min
Delta R.T.: -0.017 min
Response: 6111570
Conc: 43.43 ug/ml



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

R.T.: 18.079 min
Delta R.T.: -0.013 min
Response: 6157386
Conc: 48.37 ug/ml

Instrument :

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