

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122022AR\
 Data File : FD044668.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2022 14:24
 Operator : YP/AJ
 Sample : PB149735BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB149735BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2022
 Supervised By :Ankita Jodhani 12/21/2022

Integration File: autoint1.e
 Quant Time: Dec 20 18:13:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 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...	7.683	5889800	45.383 ug/ml
Spiked Amount 50.000		Recovery =	90.77%
6) S 2-Fluorobiphenyl (SURR)	8.539	2523077	28.568 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	57.14%
11) S ortho-Terphenyl (SURR)	11.566	7200253	44.243 ug/ml
Spiked Amount 50.000		Recovery =	88.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.501	3049784	21.371 ug/mlm
2) T Naphthalene (C11.7)	6.031	4069081	27.063 ug/ml
3) T 2-Methylnaphthalene (...)	7.076	4263667	28.219 ug/ml
5) T Acenaphthylene (C15.06)	8.345	5431183	39.069 ug/ml
7) T Acenaphthene (C15.5)	8.639	5029704	34.273 ug/ml
8) T Flouorene (C16.55)	9.415	6301608	43.704 ug/ml
9) T Phenanthrene (C19.36)	10.803	6430459	45.094 ug/ml
10) T Anthracene (C19.43)	10.878	6234763	44.876 ug/ml
12) T Fluoranthene (C21.85)	12.604	6853554	48.076 ug/ml
13) T Pyrene (C20.8)	12.899	6591660	47.364 ug/ml
14) T Benzo[a]anthracene (C...	14.761	6905041	53.366 ug/ml
15) T Chrysene (C27.41)	14.805	8188355	60.738 ug/ml
16) T benzo[b]fluoranthene ...	16.302	7237810	54.990 ug/ml
17) T Bnezo[k]fluoranthene ...	16.336	6714414	51.562 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.677	6177496	47.800 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.034	6549371	51.388 ug/ml
20) T Dibenz[a,h]anthracene...	18.074	6562881	52.160 ug/ml
21) T Benzo[g,h,i]perylene ...	18.289	6279506	48.823 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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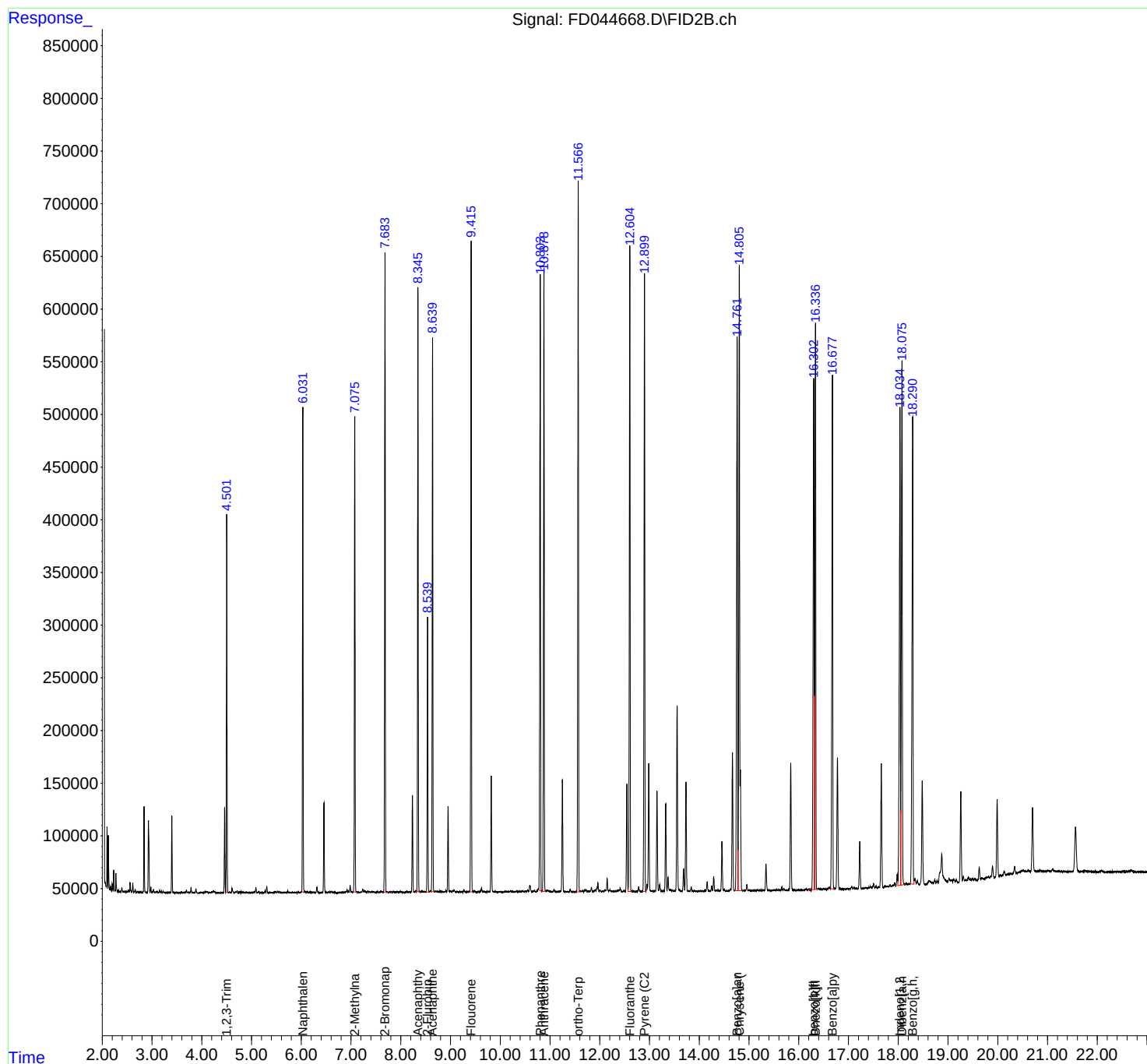
Instrument :
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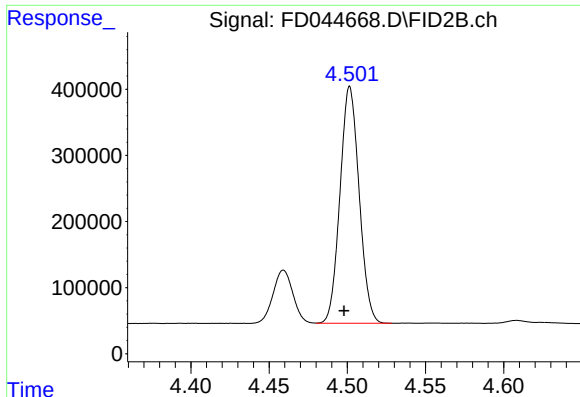
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.501 min
Delta R.T.: 0.003 min
Response: 3049784
Conc: 21.37 ug/ml

Instrument :

FID_D

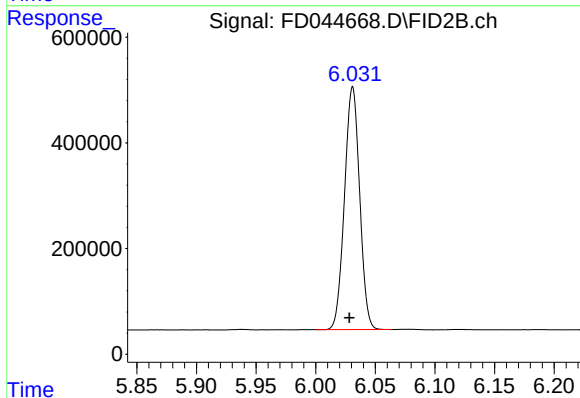
ClientSampleId :

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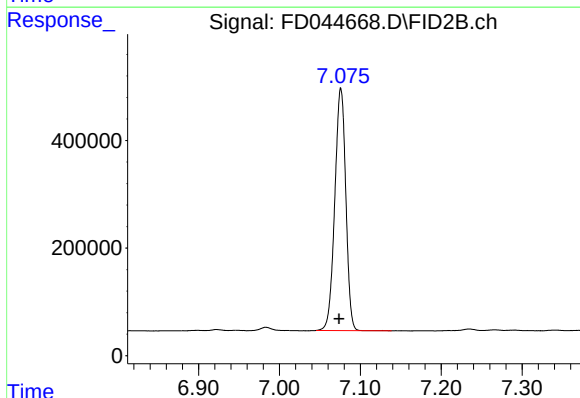
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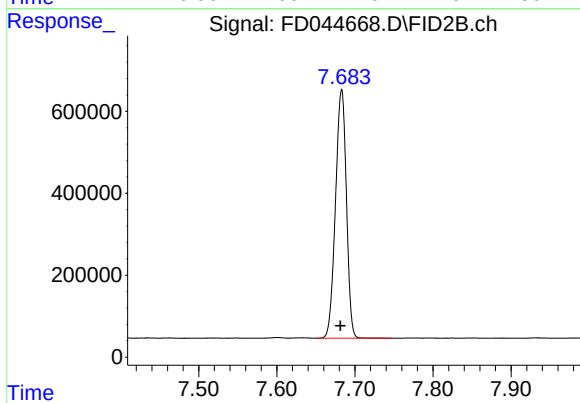
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.003 min
Response: 4069081
Conc: 27.06 ug/ml



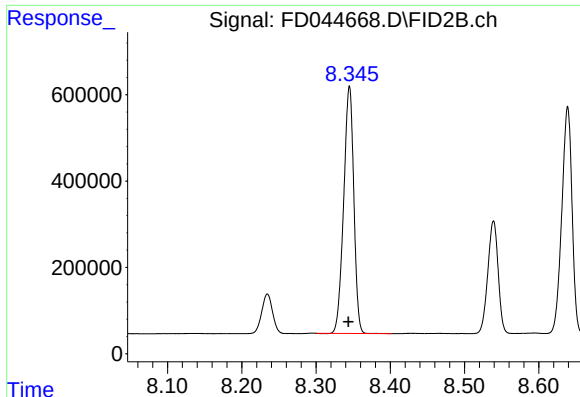
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.076 min
Delta R.T.: 0.002 min
Response: 4263667
Conc: 28.22 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.683 min
Delta R.T.: 0.001 min
Response: 5889800
Conc: 45.38 ug/ml



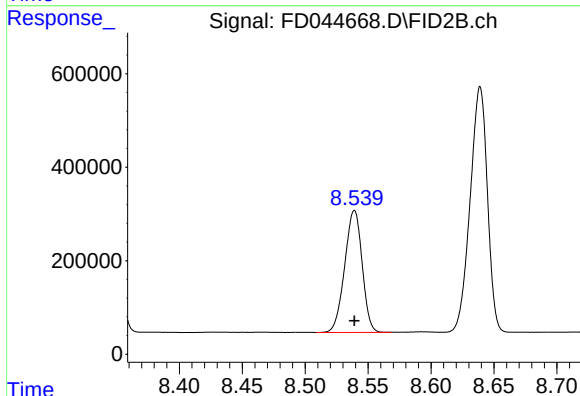
#5 Acenaphthylene (C15.06)

R.T.: 8.345 min
Delta R.T.: 0.001 min
Response: 5431183
Conc: 39.07 ug/ml

Instrument :
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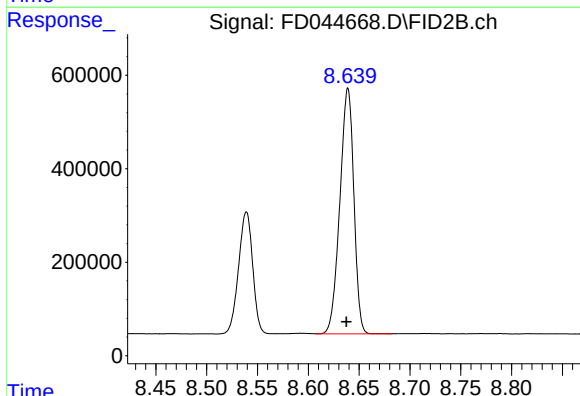
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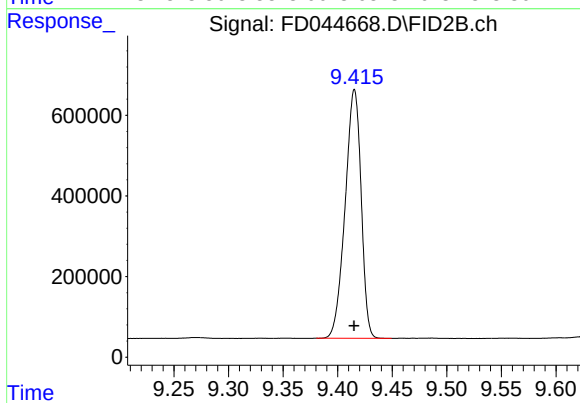
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.539 min
Delta R.T.: 0.000 min
Response: 2523077
Conc: 28.57 ug/ml



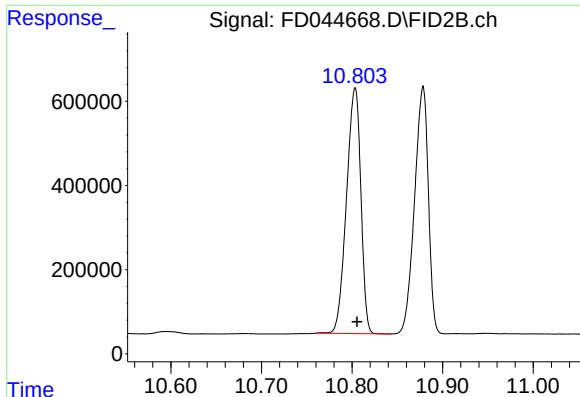
#7 Acenaphthene (C15.5)

R.T.: 8.639 min
Delta R.T.: 0.001 min
Response: 5029704
Conc: 34.27 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.415 min
Delta R.T.: 0.000 min
Response: 6301608
Conc: 43.70 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.803 min
Delta R.T.: -0.002 min
Response: 6430459
Conc: 45.09 ug/ml

Instrument :

FID_D

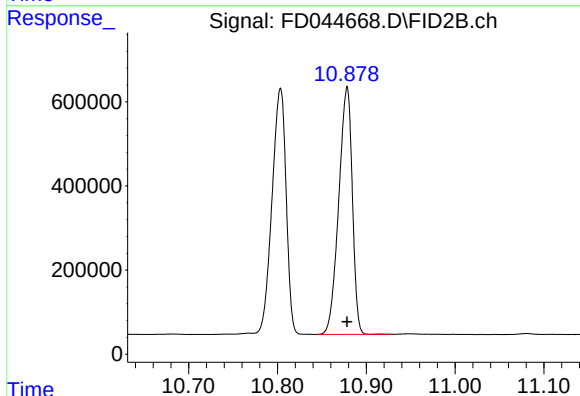
ClientSampleId :

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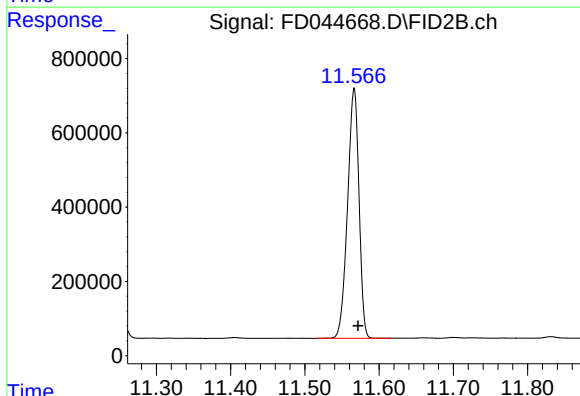
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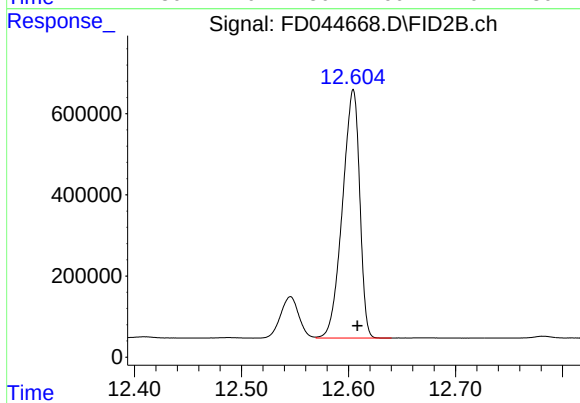
#10 Anthracene (C19.43)

R.T.: 10.878 min
Delta R.T.: 0.000 min
Response: 6234763
Conc: 44.88 ug/ml



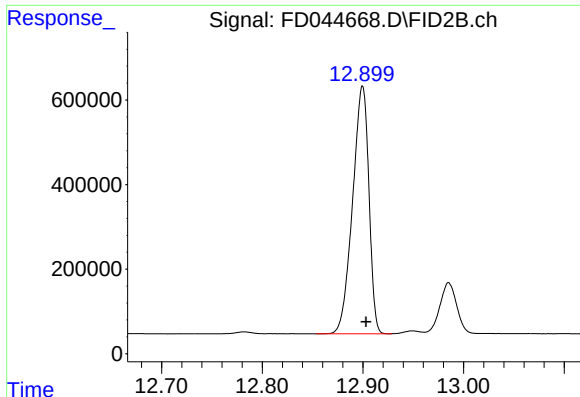
#11 ortho-Terphenyl (SURR)

R.T.: 11.566 min
Delta R.T.: -0.006 min
Response: 7200253
Conc: 44.24 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.604 min
Delta R.T.: -0.004 min
Response: 6853554
Conc: 48.08 ug/ml



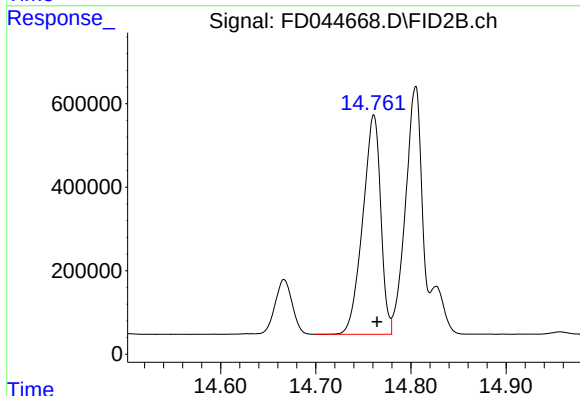
#13 Pyrene (C20.8)

R.T.: 12.899 min
Delta R.T.: -0.004 min
Response: 6591660
Conc: 47.36 ug/ml

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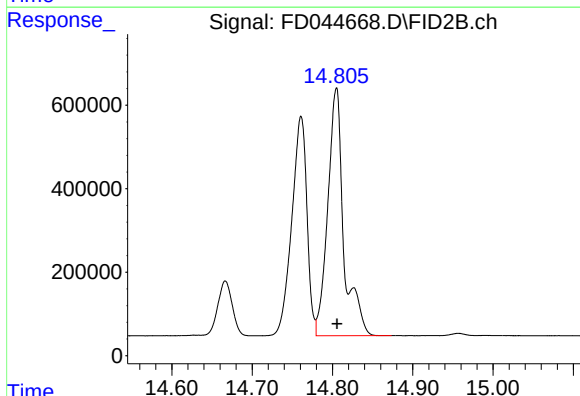
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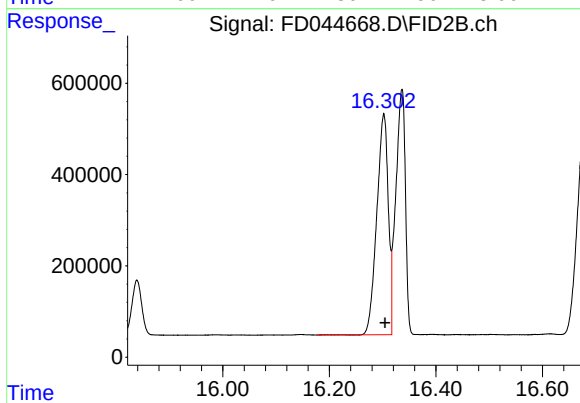
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.761 min
Delta R.T.: -0.003 min
Response: 6905041
Conc: 53.37 ug/ml



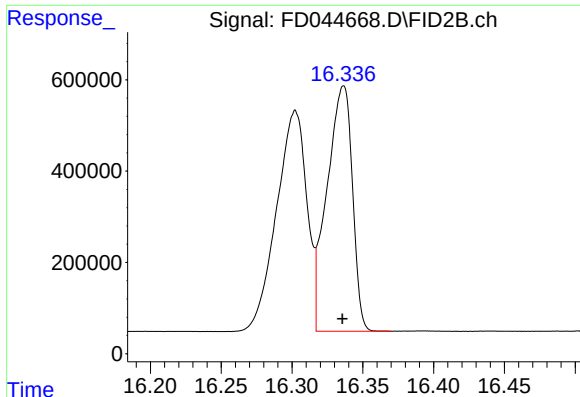
#15 Chrysene (C27.41)

R.T.: 14.805 min
Delta R.T.: -0.001 min
Response: 8188355
Conc: 60.74 ug/ml



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

R.T.: 16.302 min
Delta R.T.: -0.003 min
Response: 7237810
Conc: 54.99 ug/ml



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

R.T.: 16.336 min
Delta R.T.: 0.000 min
Response: 6714414
Conc: 51.56 ug/ml

Instrument :

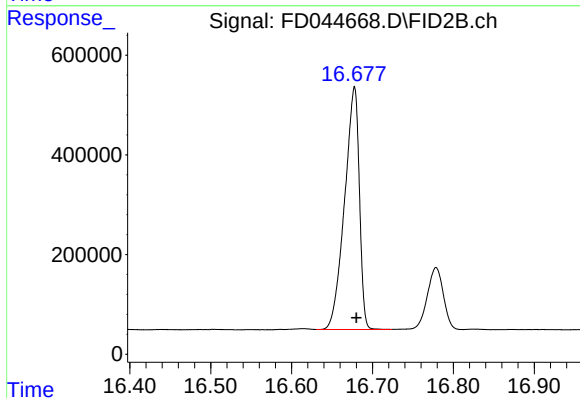
FID_D

ClientSampleId :

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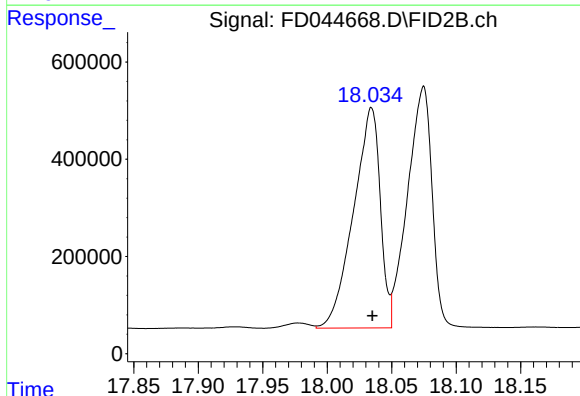
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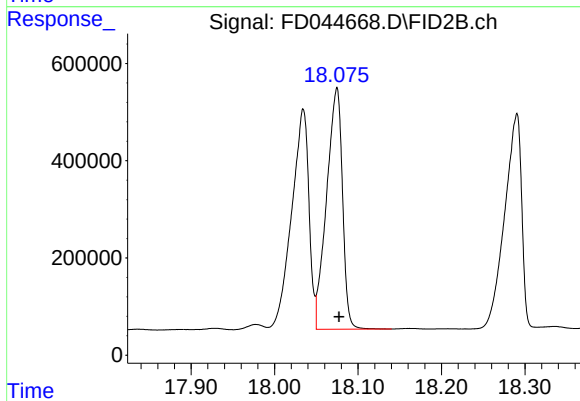
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.677 min
Delta R.T.: -0.003 min
Response: 6177496
Conc: 47.80 ug/ml



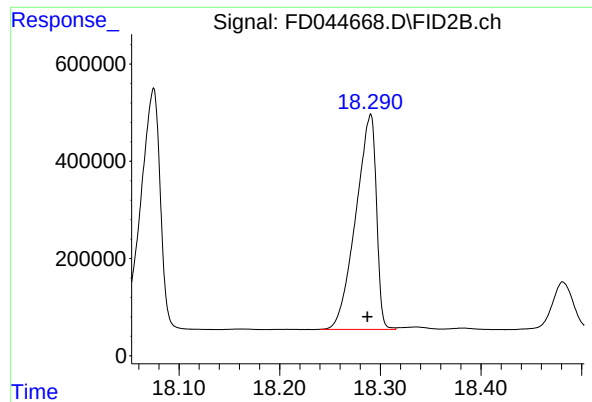
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.034 min
Delta R.T.: -0.001 min
Response: 6549371
Conc: 51.39 ug/ml



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

R.T.: 18.074 min
Delta R.T.: -0.003 min
Response: 6562881
Conc: 52.16 ug/ml



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

R.T.: 18.289 min
Delta R.T.: 0.002 min
Response: 6279506
Conc: 48.82 ug/ml

Instrument :

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