

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041321AR\
 Data File : FD036865.D
 Signal(s) : FID2B.CH
 Acq On : 13 Apr 2021 11:52
 Operator : DD\AJ
 Sample : PB135666BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB135666BS

Manual Integrations
 APPROVED

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 4/14/2021 11:05:26 AM

Integration File: autoint1.e
 Quant Time: Apr 14 02:46:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.588	5393633	38.350 ug/ml
Spiked Amount 50.000		Recovery =	76.70%
6) S 2-Fluorobiphenyl (SURR)	8.449	3310633	35.269 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	70.54%
11) S ortho-Terphenyl (SURR)	11.488	5013139	32.823 ug/ml
Spiked Amount 50.000		Recovery =	65.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.388	4093119	27.924 ug/ml
2) T Naphthalene (C11.7)	5.925	4721693	30.043 ug/ml
3) T 2-Methylnaphthalene (...)	6.978	4843583	30.818 ug/ml
5) T Acenaphthylene (C15.06)	8.252	5005611	33.406 ug/ml
7) T Acenaphthene (C15.5)	8.548	4957271	31.934 ug/ml
8) T Flouorene (C16.55)	9.328	4911866	32.624 ug/ml
9) T Phenanthrene (C19.36)	10.722	4662670	31.812 ug/ml
10) T Anthracene (C19.43)	10.797	4591782	31.718 ug/ml
12) T Fluoranthene (C21.85)	12.532	4384690	31.231 ug/ml
13) T Pyrene (C20.8)	12.830	4336374	31.606 ug/ml
14) T Benzo[a]anthracene (C...	14.699	4036018	33.985 ug/ml
15) T Chrysene (C27.41)	14.742	4194247	34.682 ug/mlm
16) T benzo[b]fluoranthene ...	16.249	4265788	38.875 ug/ml
17) T Bnezo[k]fluoranthene ...	16.282	4136722	38.916 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.628	4242918	42.573 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.991	3964094	39.437 ug/ml
20) T Dibenz[a,h]anthracene...	18.030	3965419	39.326 ug/ml
21) T Benzo[g,h,i]perylene ...	18.248	4040854	39.882 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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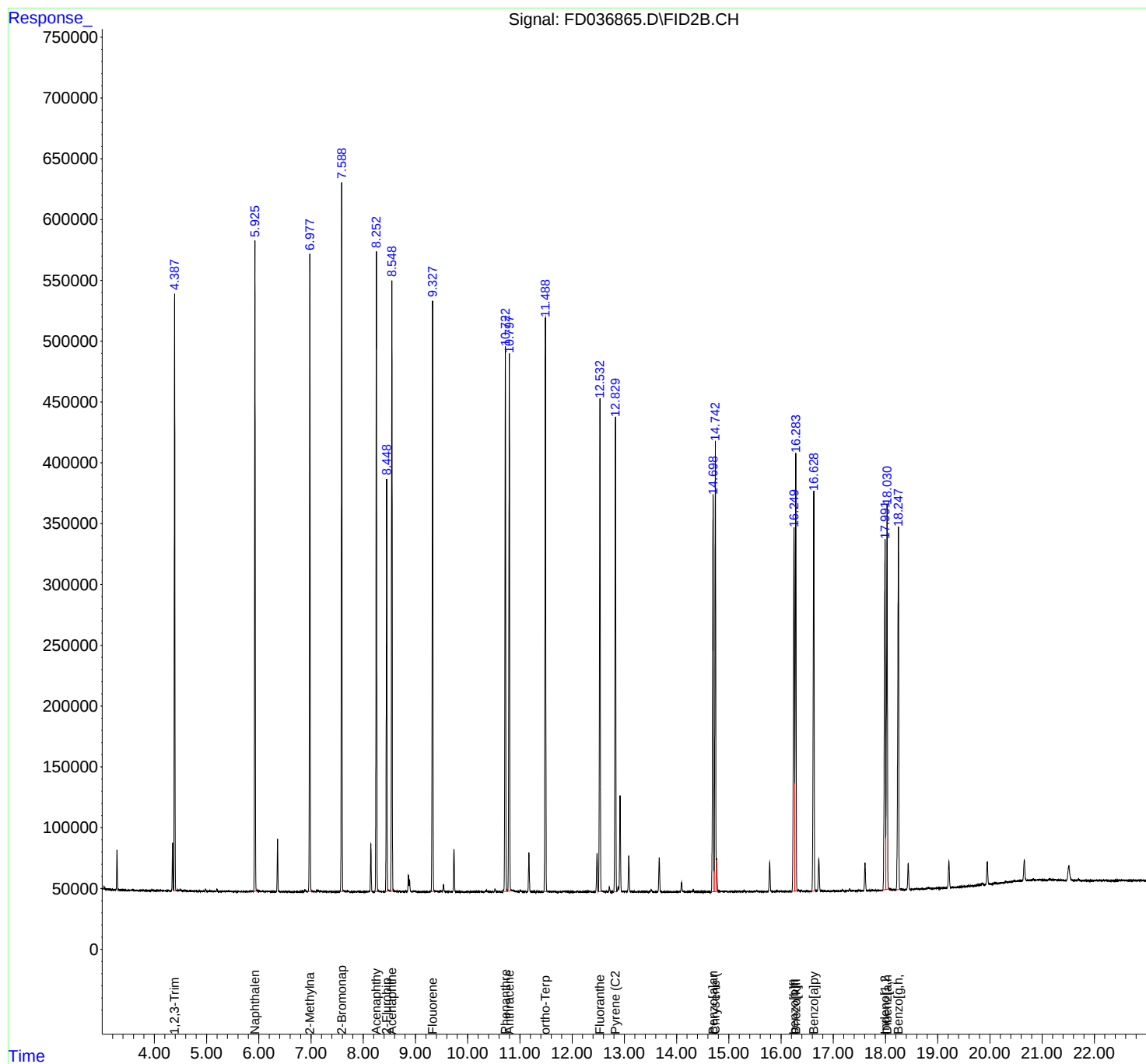
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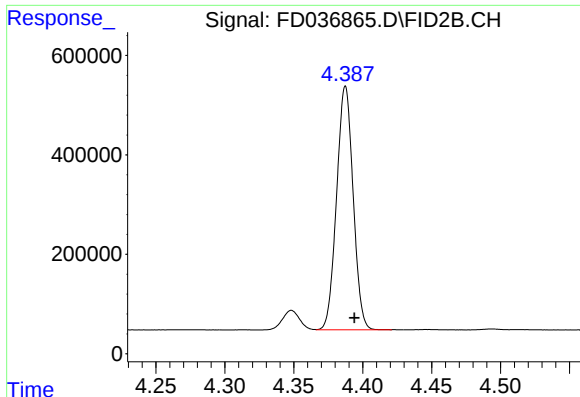
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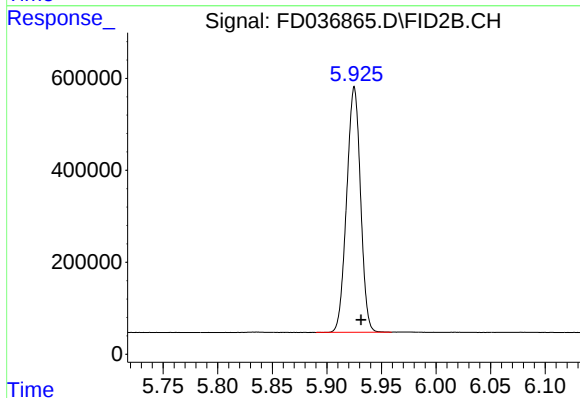
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.388 min
Delta R.T.: -0.006 min
Response: 4093119
Conc: 27.92 ug/ml

Instrument :
FID_D
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PB135666BS

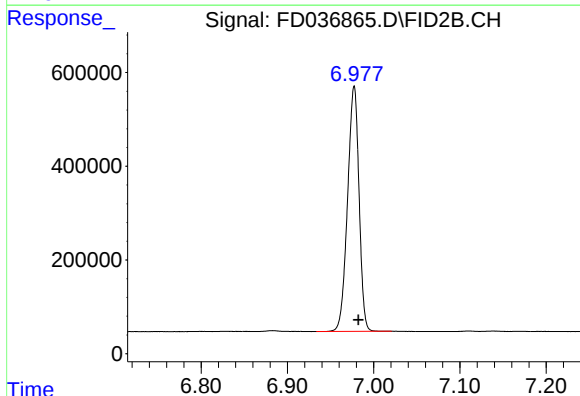
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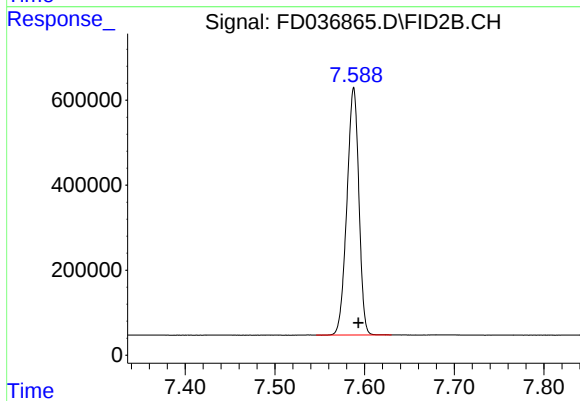
#2 Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: -0.006 min
Response: 4721693
Conc: 30.04 ug/ml



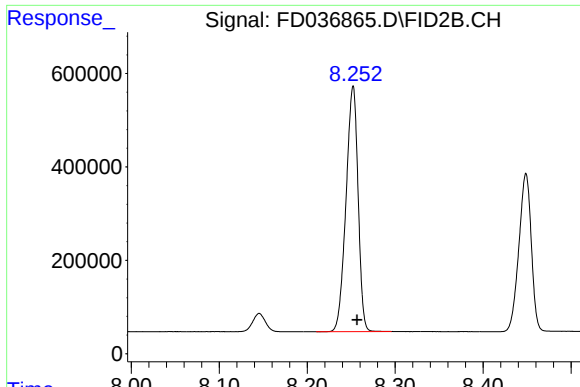
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.978 min
Delta R.T.: -0.005 min
Response: 4843583
Conc: 30.82 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.588 min
Delta R.T.: -0.005 min
Response: 5393633
Conc: 38.35 ug/ml



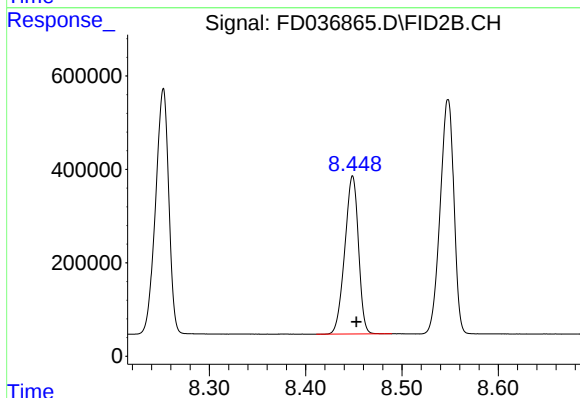
#5 Acenaphthylene (C15.06)

R.T.: 8.252 min
Delta R.T.: -0.004 min
Response: 5005611
Conc: 33.41 ug/ml

Instrument :
FID_D
ClientSampleId :
PB135666BS

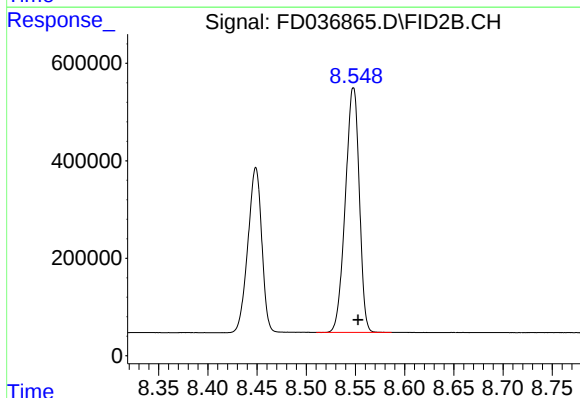
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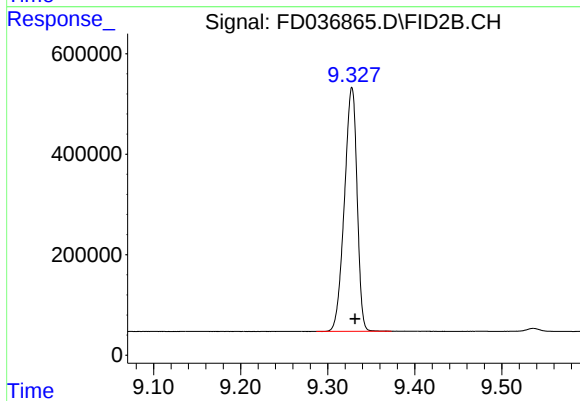
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.449 min
Delta R.T.: -0.004 min
Response: 3310633
Conc: 35.27 ug/ml



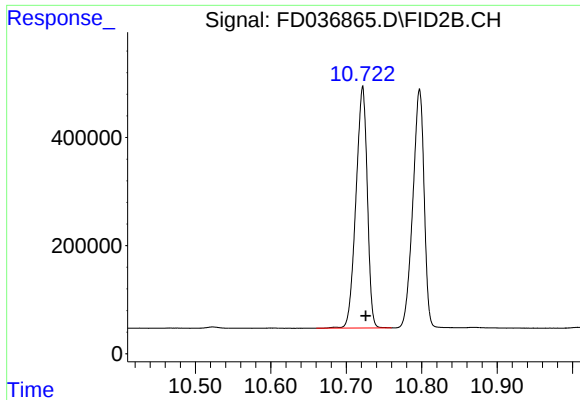
#7 Acenaphthene (C15.5)

R.T.: 8.548 min
Delta R.T.: -0.005 min
Response: 4957271
Conc: 31.93 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.328 min
Delta R.T.: -0.003 min
Response: 4911866
Conc: 32.62 ug/ml



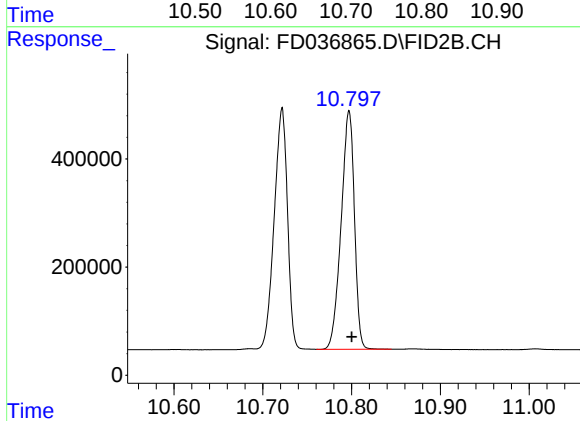
#9 Phenanthrene (C19.36)

R.T.: 10.722 min
Delta R.T.: -0.004 min
Response: 4662670
Conc: 31.81 ug/ml

Instrument :
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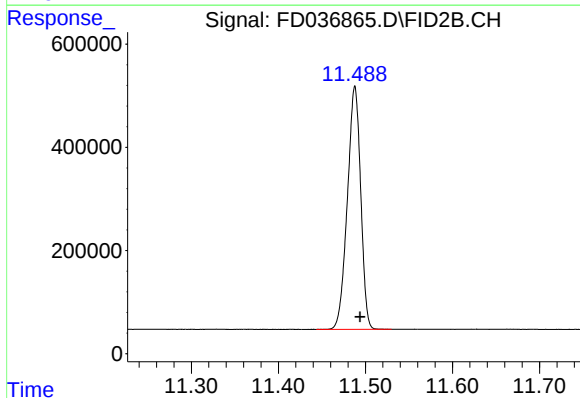
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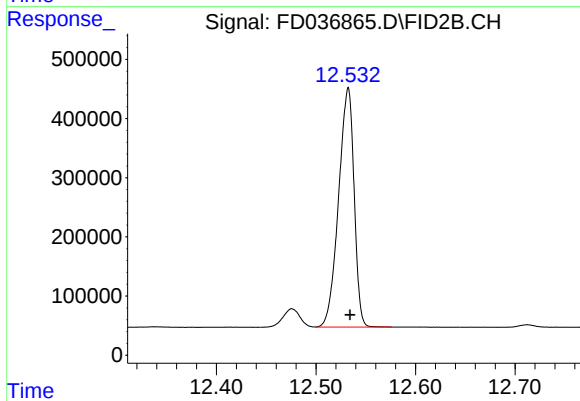
#10 Anthracene (C19.43)

R.T.: 10.797 min
Delta R.T.: -0.003 min
Response: 4591782
Conc: 31.72 ug/ml



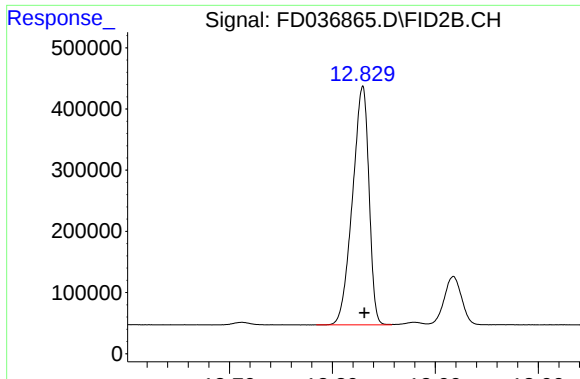
#11 ortho-Terphenyl (SURR)

R.T.: 11.488 min
Delta R.T.: -0.006 min
Response: 5013139
Conc: 32.82 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.532 min
Delta R.T.: -0.002 min
Response: 4384690
Conc: 31.23 ug/ml



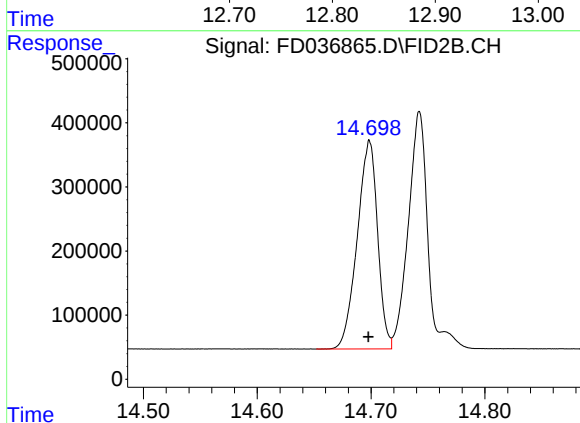
#13 Pyrene (C20.8)

R.T.: 12.830 min
Delta R.T.: -0.002 min
Response: 4336374
Conc: 31.61 ug/ml

Instrument :
FID_D
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PB135666BS

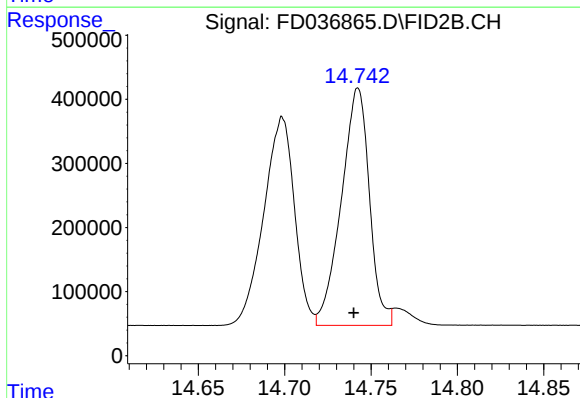
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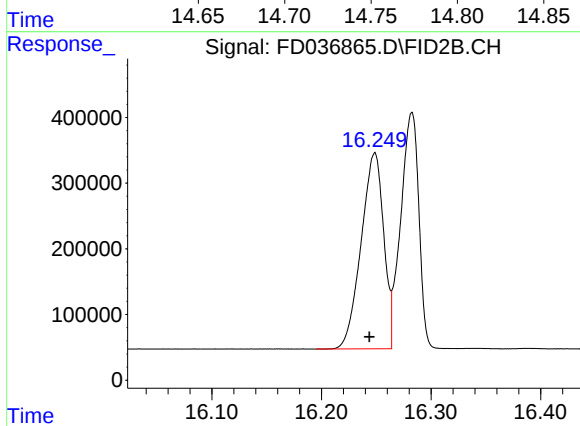
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.699 min
Delta R.T.: 0.001 min
Response: 4036018
Conc: 33.99 ug/ml



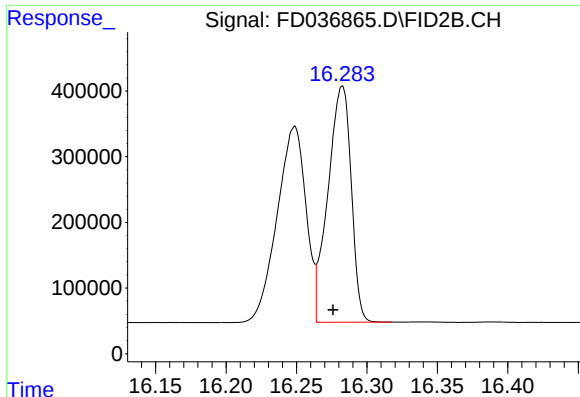
#15 Chrysene (C27.41)

R.T.: 14.742 min
Delta R.T.: 0.002 min
Response: 4194247
Conc: 34.68 ug/ml m



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

R.T.: 16.249 min
Delta R.T.: 0.005 min
Response: 4265788
Conc: 38.87 ug/ml



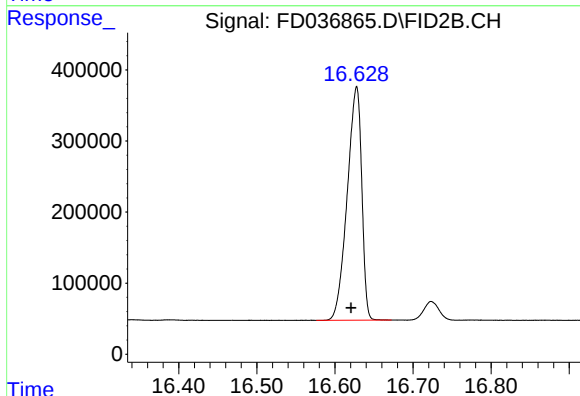
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.282 min
Delta R.T.: 0.007 min
Response: 4136722
Conc: 38.92 ug/ml

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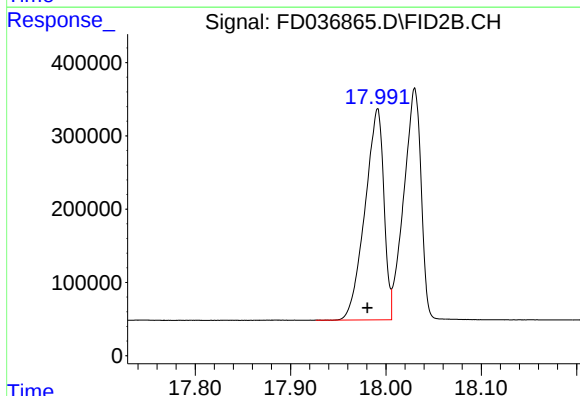
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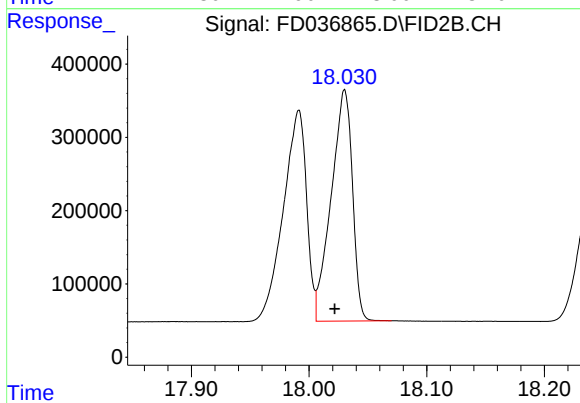
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.628 min
Delta R.T.: 0.007 min
Response: 4242918
Conc: 42.57 ug/ml



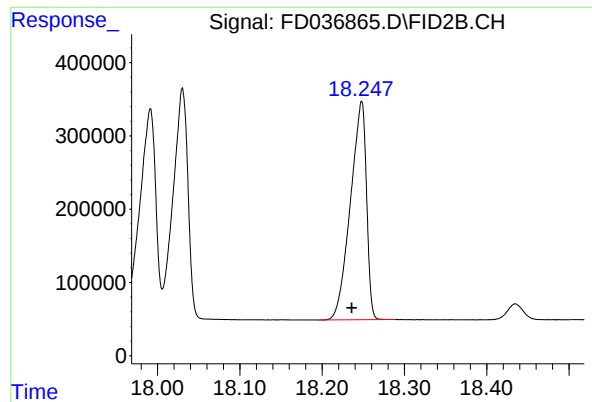
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.991 min
Delta R.T.: 0.011 min
Response: 3964094
Conc: 39.44 ug/ml



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

R.T.: 18.030 min
Delta R.T.: 0.008 min
Response: 3965419
Conc: 39.33 ug/ml



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

R.T.: 18.248 min
Delta R.T.: 0.012 min
Response: 4040854
Conc: 39.88 ug/ml

Instrument :
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