

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110923AR\
 Data File : FD046874.D
 Signal(s) : FID2B.ch
 Acq On : 09 Nov 2023 17:37
 Operator : YP/AJ
 Sample : PB157015BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB157015BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2023
 Supervised By :Ankita Jodhani 11/10/2023

Integration File: autoint1.e
 Quant Time: Nov 09 22:32:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.484	9180406	50.338 ug/ml
Spiked Amount 50.000		Recovery =	100.68%
6) S 2-Fluorobiphenyl (SURR)	8.337	5230298	44.444 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.89%
11) S ortho-Terphenyl (SURR)	11.376	9343605	44.124 ug/ml
Spiked Amount 50.000		Recovery =	88.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.295	5932061	30.716 ug/mlm
2) T Naphthalene (C11.7)	5.822	6992501	34.920 ug/ml
3) T 2-Methylnaphthalene (...)	6.871	7388161	36.760 ug/ml
5) T Acenaphthylene (C15.06)	8.141	7907207	42.991 ug/ml
7) T Acenaphthene (C15.5)	8.437	7944603	40.557 ug/ml
8) T Flouorene (C16.55)	9.215	8232778	44.509 ug/ml
9) T Phenanthrene (C19.36)	10.604	8279377	46.538 ug/ml
10) T Anthracene (C19.43)	10.680	8130671	47.710 ug/ml
12) T Fluoranthene (C21.85)	12.409	8513086	49.291 ug/ml
13) T Pyrene (C20.8)	12.704	8485734	51.034 ug/ml
14) T Benzo[a]anthracene (C...	14.568	7627147	54.211 ug/ml
15) T Chrysene (C27.41)	14.612	7613809	48.820 ug/ml
16) T benzo[b]fluoranthene ...	16.111	7379876	51.562 ug/ml
17) T Bnezo[k]fluoranthene ...	16.146	7252844	49.540 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.486	6845249	48.836 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.847	7125475	56.404 ug/ml
20) T Dibenz[a,h]anthracene...	17.886	6437003	46.077 ug/ml
21) T Benzo[g,h,i]perylene ...	18.100	6590227	47.199 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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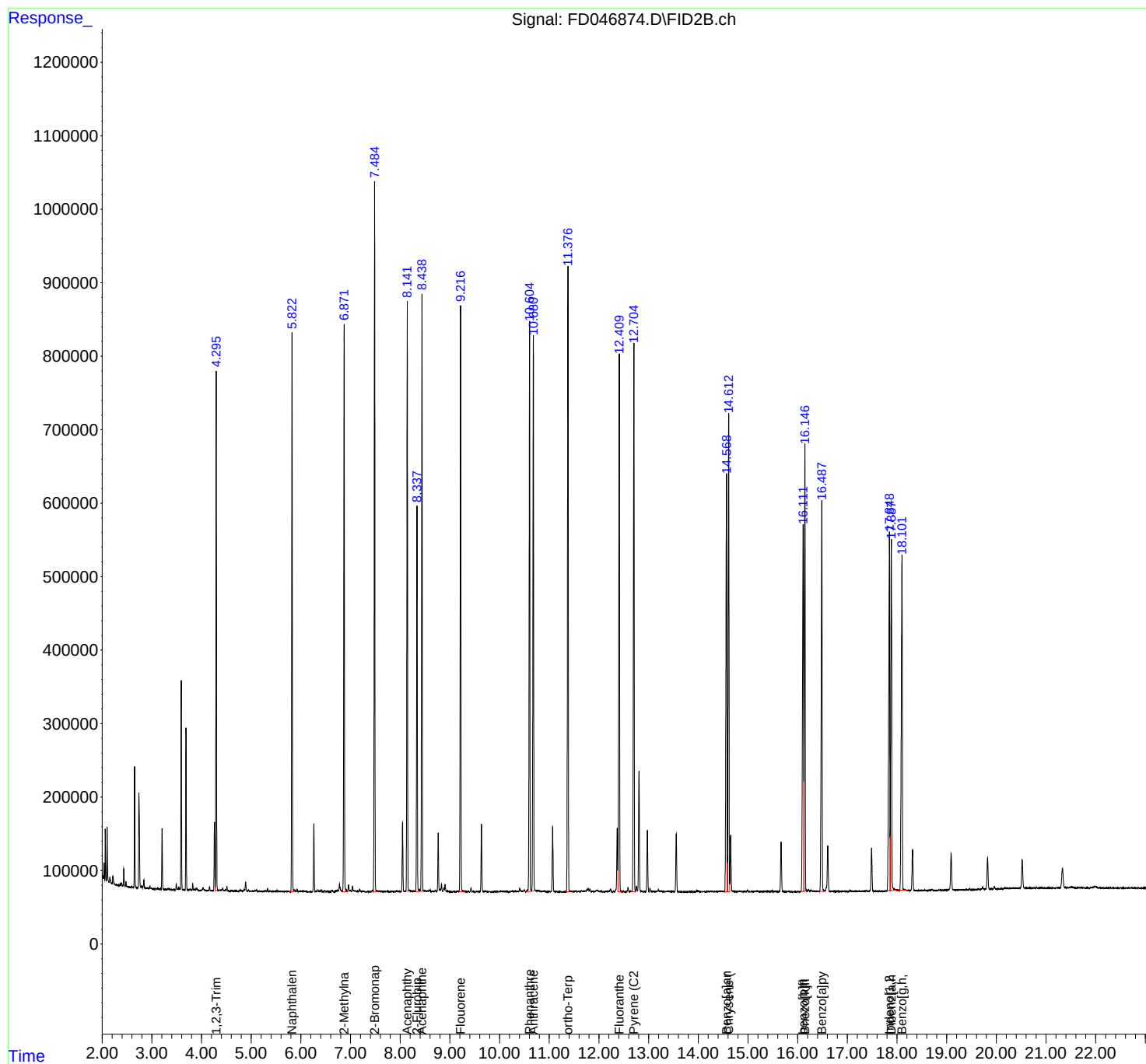
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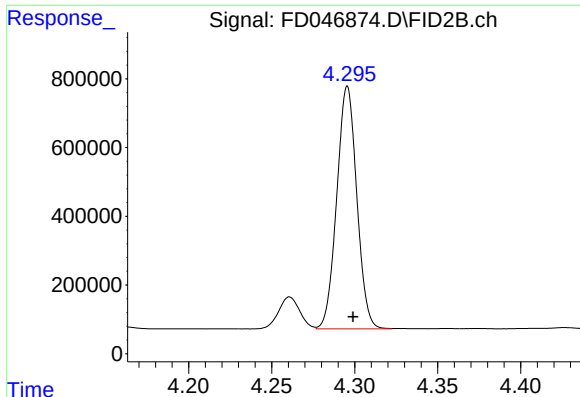
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.295 min
Delta R.T.: -0.004 min
Response: 5932061
Conc: 30.72 ug/ml

Instrument :

FID_D

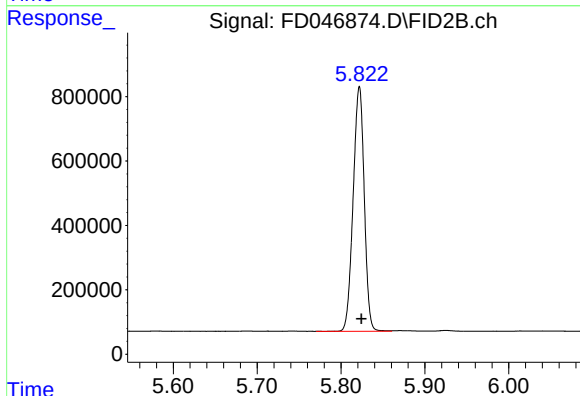
ClientSampleId :

PB157015BSD

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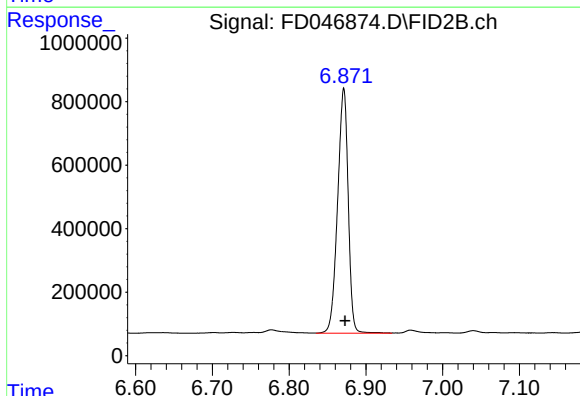
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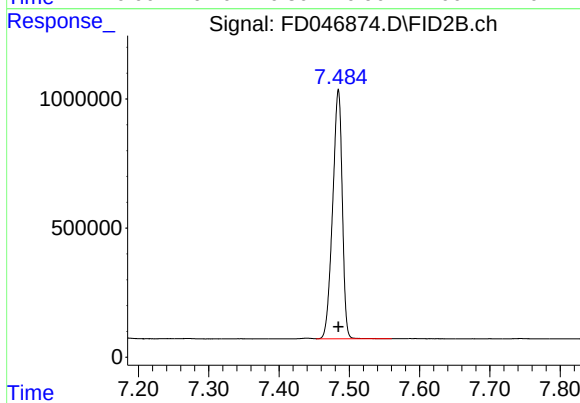
#2 Naphthalene (C11.7)

R.T.: 5.822 min
Delta R.T.: -0.003 min
Response: 6992501
Conc: 34.92 ug/ml



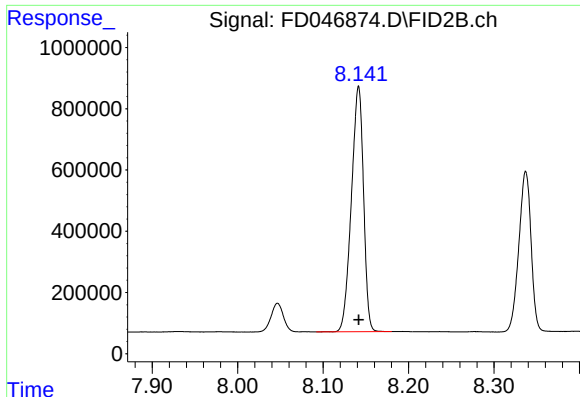
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.871 min
Delta R.T.: -0.002 min
Response: 7388161
Conc: 36.76 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 9180406
Conc: 50.34 ug/ml



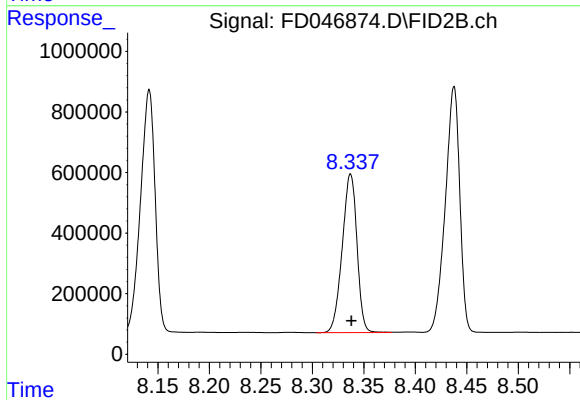
#5 Acenaphthylene (C15.06)

R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 7907207
Conc: 42.99 ug/ml

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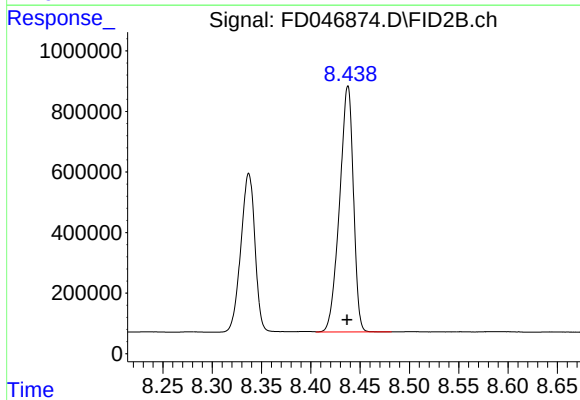
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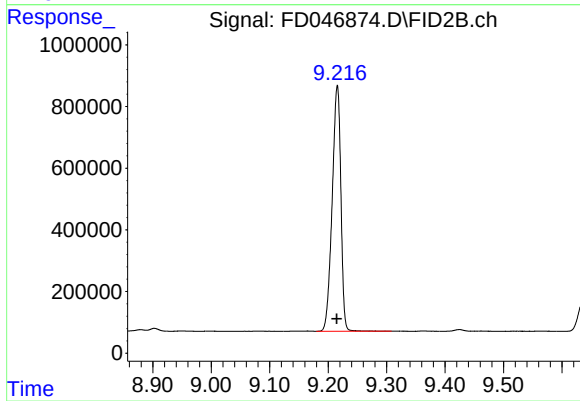
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.337 min
Delta R.T.: -0.001 min
Response: 5230298
Conc: 44.44 ug/ml



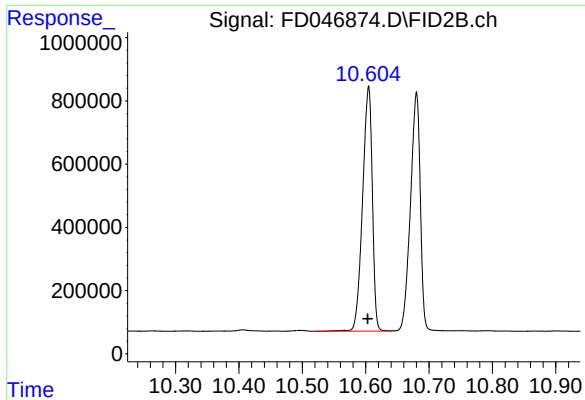
#7 Acenaphthene (C15.5)

R.T.: 8.437 min
Delta R.T.: 0.000 min
Response: 7944603
Conc: 40.56 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.215 min
Delta R.T.: 0.000 min
Response: 8232778
Conc: 44.51 ug/ml



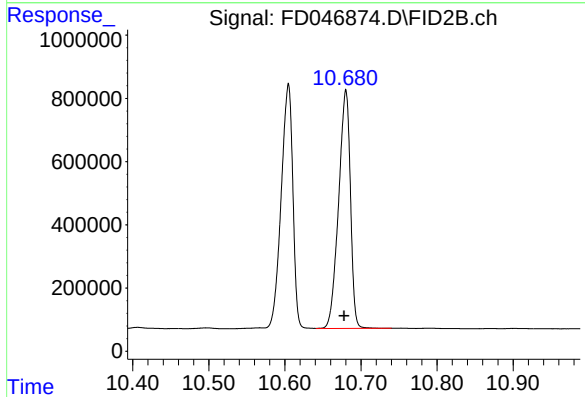
#9 Phenanthrene (C19.36)

R.T.: 10.604 min
Delta R.T.: 0.000 min
Response: 8279377
Conc: 46.54 ug/ml

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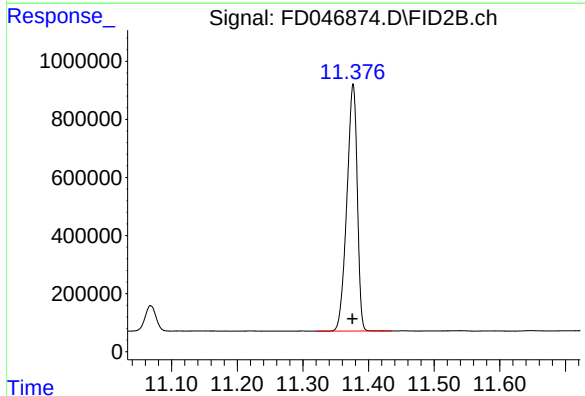
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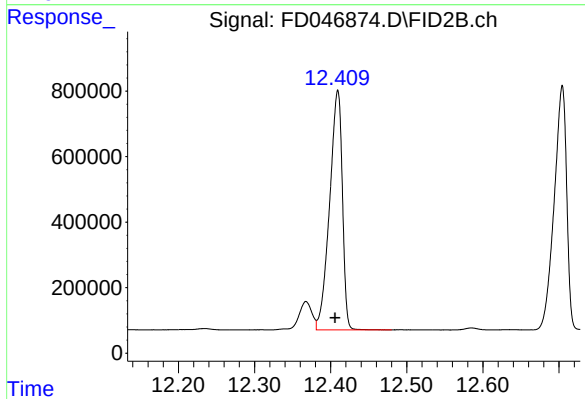
#10 Anthracene (C19.43)

R.T.: 10.680 min
Delta R.T.: 0.002 min
Response: 8130671
Conc: 47.71 ug/ml



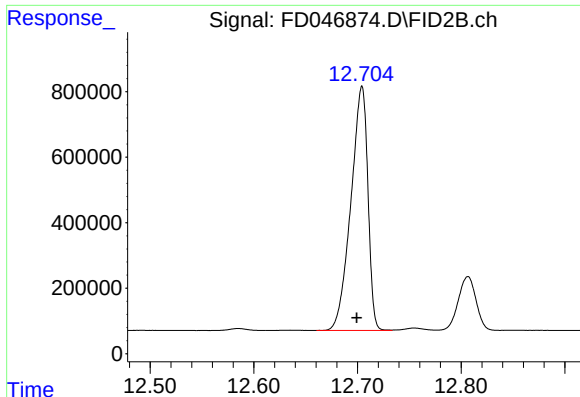
#11 ortho-Terphenyl (SURR)

R.T.: 11.376 min
Delta R.T.: 0.001 min
Response: 9343605
Conc: 44.12 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.409 min
Delta R.T.: 0.003 min
Response: 8513086
Conc: 49.29 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.704 min
Delta R.T.: 0.005 min
Response: 8485734
Conc: 51.03 ug/ml

Instrument :

FID_D

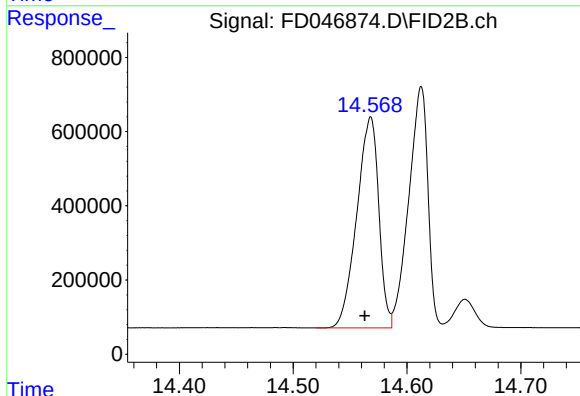
ClientSampleId :

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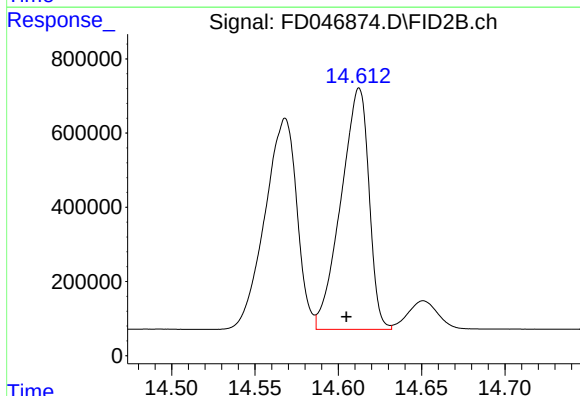
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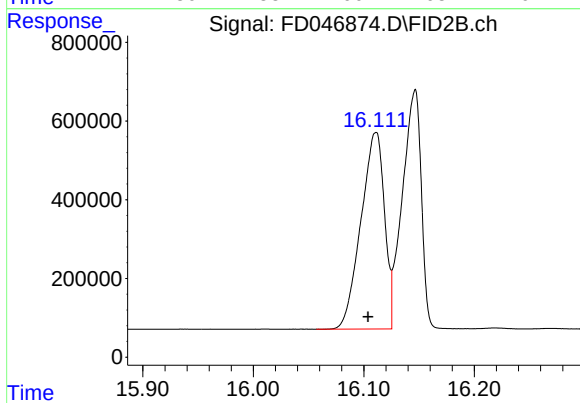
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.568 min
Delta R.T.: 0.005 min
Response: 7627147
Conc: 54.21 ug/ml



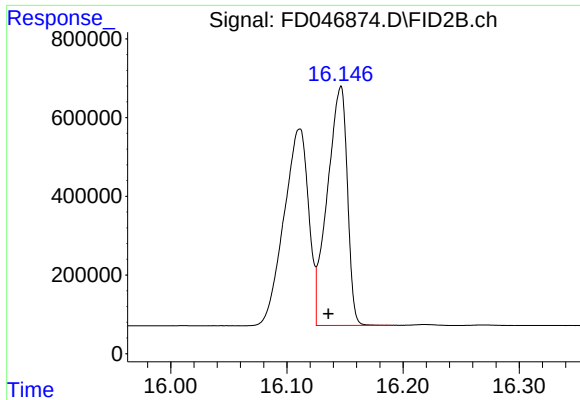
#15 Chrysene (C27.41)

R.T.: 14.612 min
Delta R.T.: 0.007 min
Response: 7613809
Conc: 48.82 ug/ml



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

R.T.: 16.111 min
Delta R.T.: 0.007 min
Response: 7379876
Conc: 51.56 ug/ml



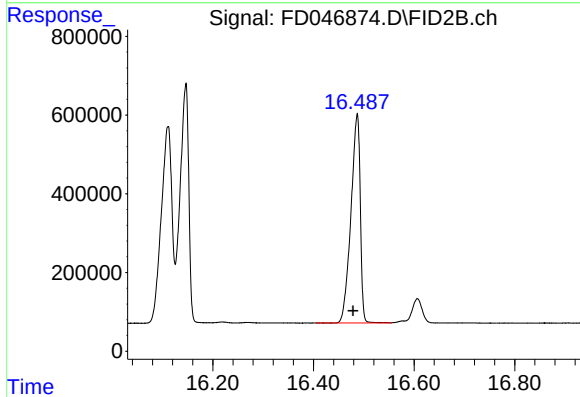
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.146 min
Delta R.T.: 0.010 min
Response: 7252844
Conc: 49.54 ug/ml

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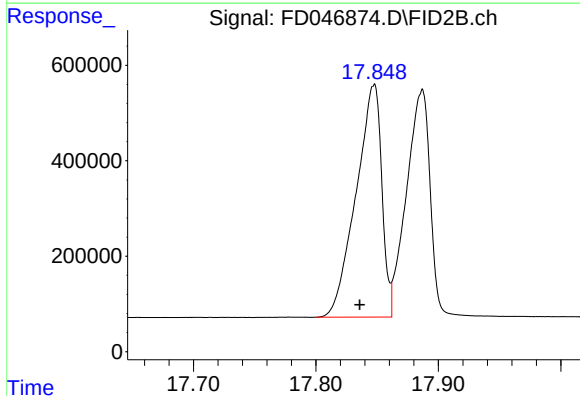
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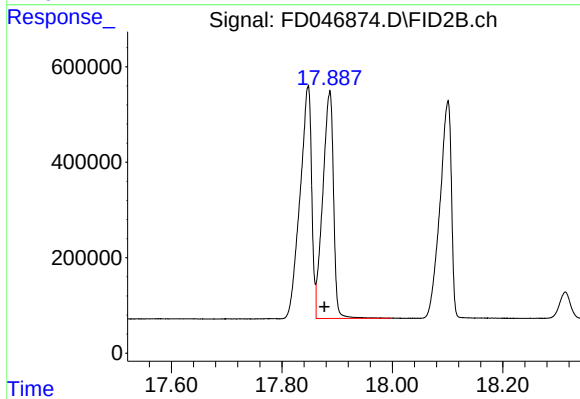
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.486 min
Delta R.T.: 0.008 min
Response: 6845249
Conc: 48.84 ug/ml



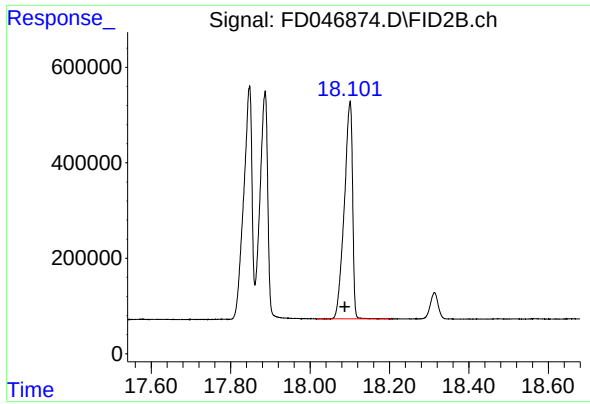
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.847 min
Delta R.T.: 0.011 min
Response: 7125475
Conc: 56.40 ug/ml



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

R.T.: 17.886 min
Delta R.T.: 0.009 min
Response: 6437003
Conc: 46.08 ug/ml



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

R.T.: 18.100 min
Delta R.T.: 0.013 min
Response: 6590227
Conc: 47.20 ug/ml

Instrument :

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ClientSampleId :

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