

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080924AR\
 Data File : FD048193.D
 Signal(s) : FID2B.ch
 Acq On : 09 Aug 2024 17:13
 Operator : YP/AJ
 Sample : PB162611BS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB162611BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/12/2024
 Supervised By :Ankita Jodhani 08/12/2024

Integration File: autoint1.e
 Quant Time: Aug 10 05:04:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 2024
 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...	7.399	6641859	44.689 ug/ml
Spiked Amount 50.000		Recovery =	89.38%
6) S 2-Fluorobiphenyl (SURR)	8.250	4099838	43.320 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.64%
11) S ortho-Terphenyl (SURR)	11.289	7402901	44.244 ug/ml
Spiked Amount 50.000		Recovery =	88.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.220	5472531	32.681 ug/ml
2) T Naphthalene (C11.7)	5.739	6331809	36.639 ug/ml
3) T 2-Methylnaphthalene (...)	6.786	6684283	38.532 ug/ml
5) T Acenaphthylene (C15.06)	8.053	7057588	41.183 ug/ml
7) T Acenaphthene (C15.5)	8.349	7030822	40.529 ug/ml
8) T Flouorene (C16.55)	9.128	7334047	45.155 ug/ml
9) T Phenanthrene (C19.36)	10.517	7682420	48.374 ug/ml
10) T Anthracene (C19.43)	10.592	7695745	48.738 ug/ml
12) T Fluoranthene (C21.85)	12.322	8568363	54.117 ug/ml
13) T Pyrene (C20.8)	12.616	7989102	50.523 ug/ml
14) T Benzo[a]anthracene (C...	14.485	7443887	54.523 ug/ml
15) T Chrysene (C27.41)	14.529	7506729	46.567 ug/ml
16) T benzo[b]fluoranthene ...	16.032	7393341	51.365 ug/ml
17) T Bnezo[k]fluoranthene ...	16.067	7378628	49.403 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.409	7037476	49.687 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.777	7386596	65.492 ug/mlm
20) T Dibenz[a,h]anthracene...	17.814	7005502	48.203 ug/ml
21) T Benzo[g,h,i]perylene ...	18.027	6832241	46.361 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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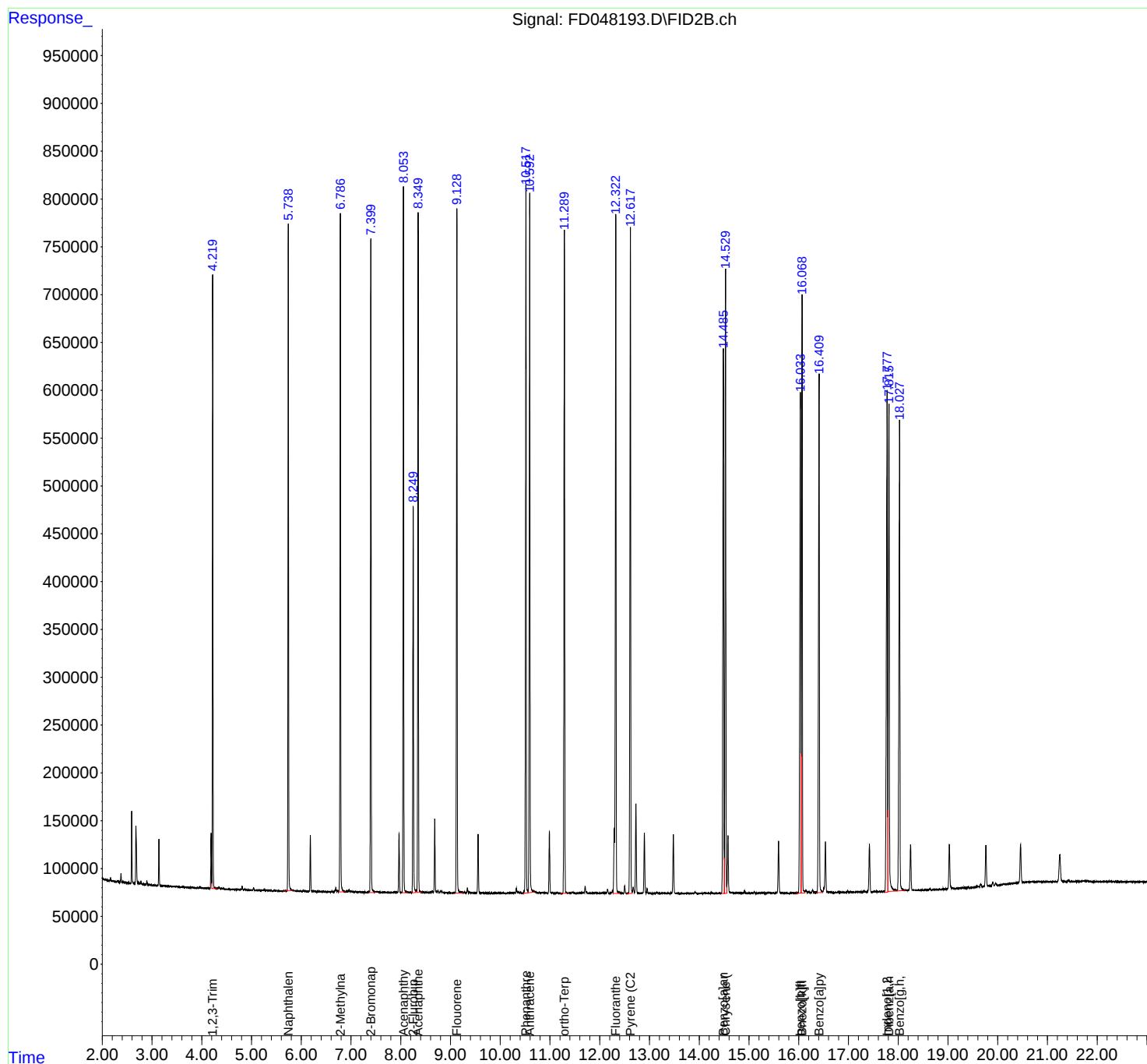
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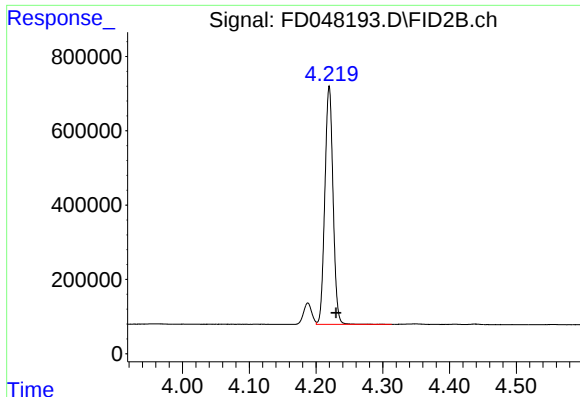
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.220 min
Delta R.T.: -0.010 min
Response: 5472531
Conc: 32.68 ug/ml

Instrument :

FID_D

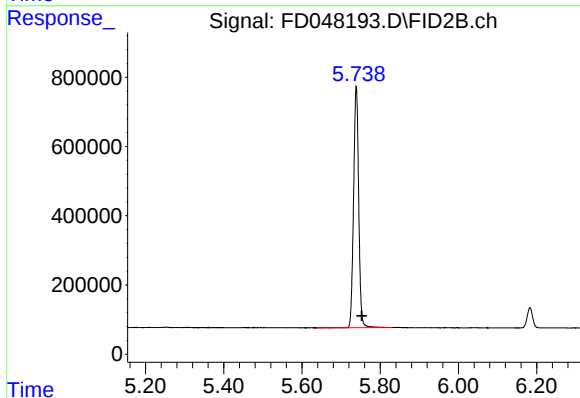
ClientSampleId :

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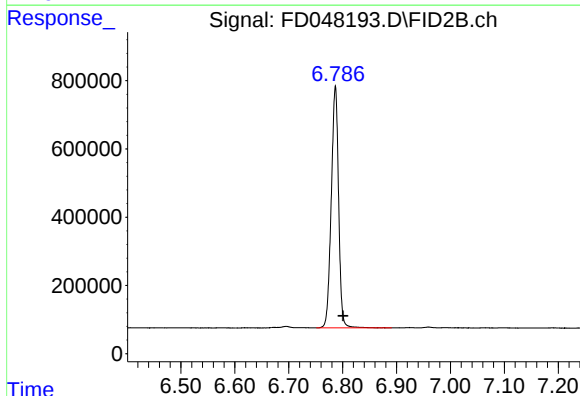
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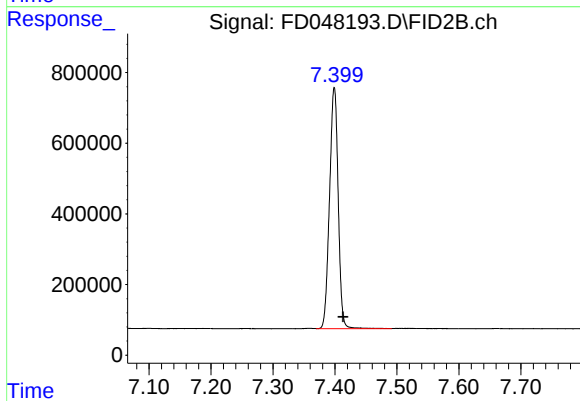
#2 Naphthalene (C11.7)

R.T.: 5.739 min
Delta R.T.: -0.015 min
Response: 6331809
Conc: 36.64 ug/ml



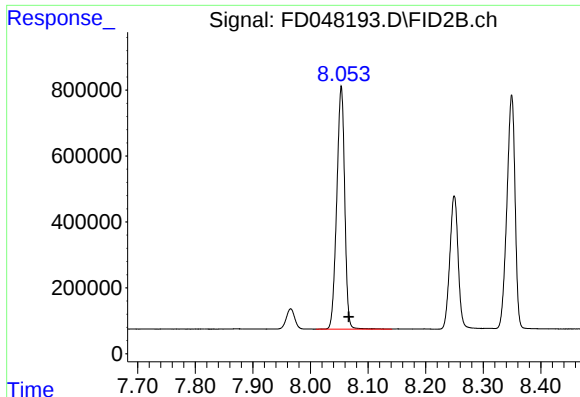
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.786 min
Delta R.T.: -0.014 min
Response: 6684283
Conc: 38.53 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.399 min
Delta R.T.: -0.015 min
Response: 6641859
Conc: 44.69 ug/ml



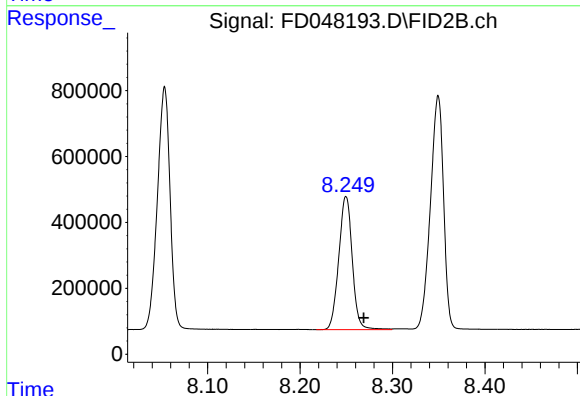
#5 Acenaphthylene (C15.06)

R.T.: 8.053 min
Delta R.T.: -0.013 min
Response: 7057588
Conc: 41.18 ug/ml

Instrument :
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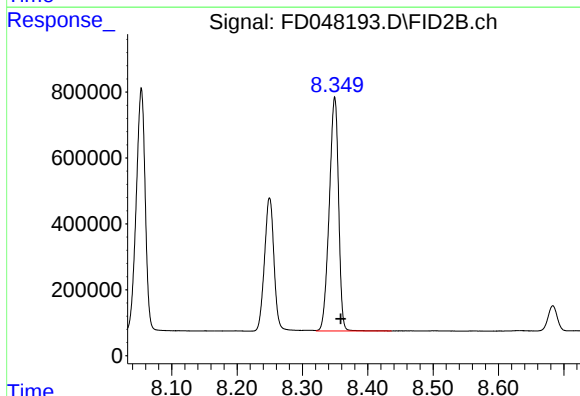
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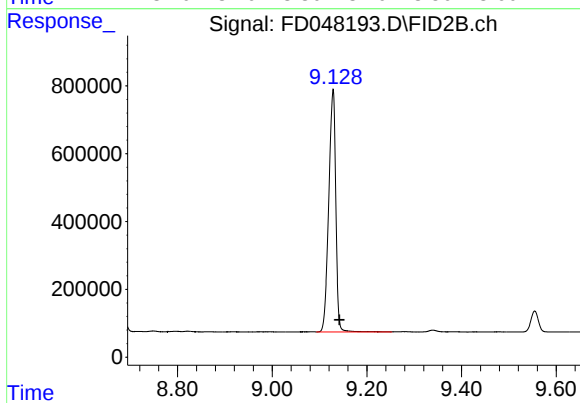
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.250 min
Delta R.T.: -0.019 min
Response: 4099838
Conc: 43.32 ug/ml



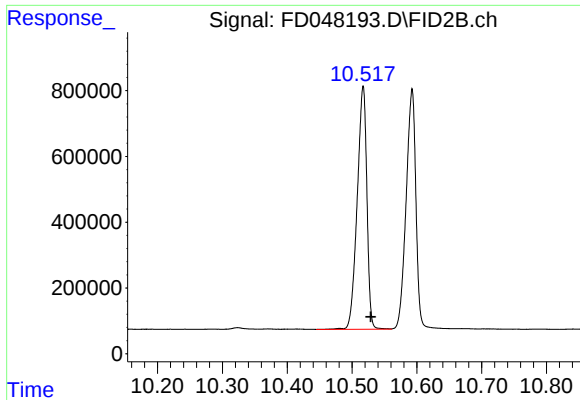
#7 Acenaphthene (C15.5)

R.T.: 8.349 min
Delta R.T.: -0.009 min
Response: 7030822
Conc: 40.53 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.128 min
Delta R.T.: -0.014 min
Response: 7334047
Conc: 45.15 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.517 min
Delta R.T.: -0.012 min
Response: 7682420
Conc: 48.37 ug/ml

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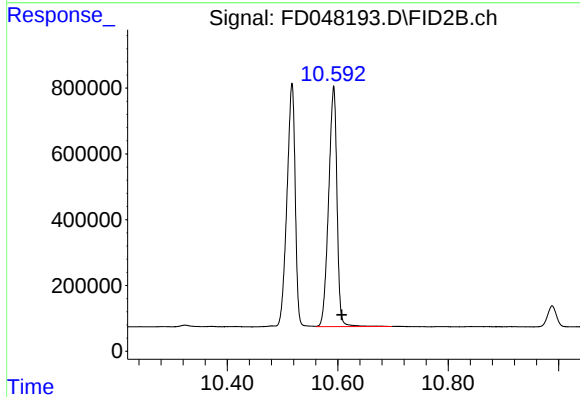
PB162611BS

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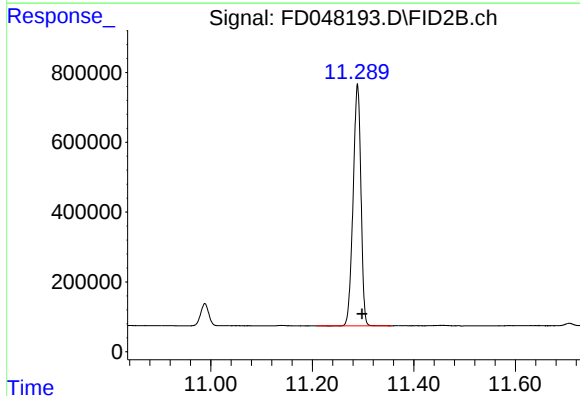
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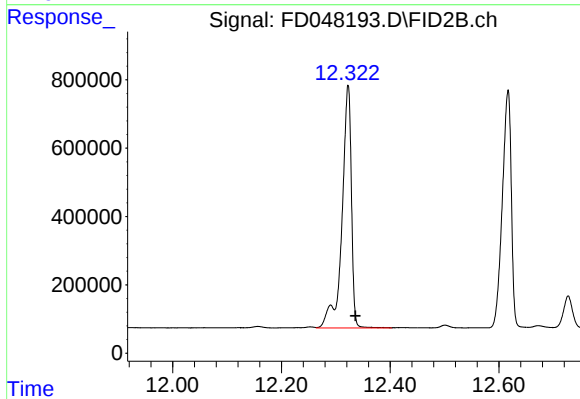
#10 Anthracene (C19.43)

R.T.: 10.592 min
Delta R.T.: -0.015 min
Response: 7695745
Conc: 48.74 ug/ml



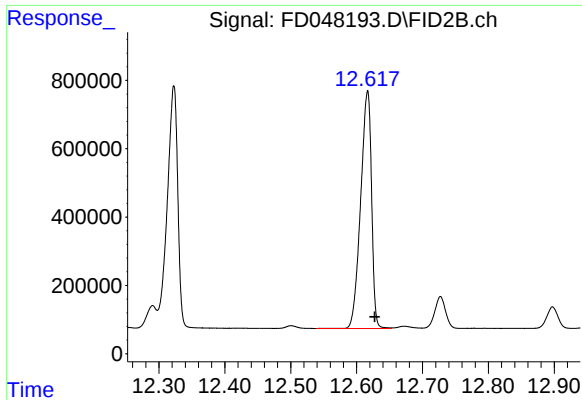
#11 ortho-Terphenyl (SURR)

R.T.: 11.289 min
Delta R.T.: -0.010 min
Response: 7402901
Conc: 44.24 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.322 min
Delta R.T.: -0.014 min
Response: 8568363
Conc: 54.12 ug/ml



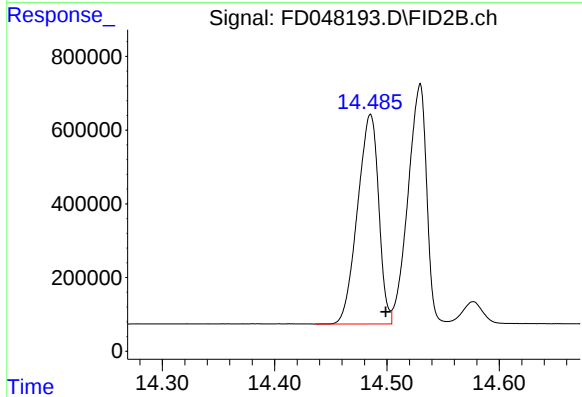
#13 Pyrene (C20.8)

R.T.: 12.616 min
Delta R.T.: -0.012 min
Response: 7989102
Conc: 50.52 ug/ml

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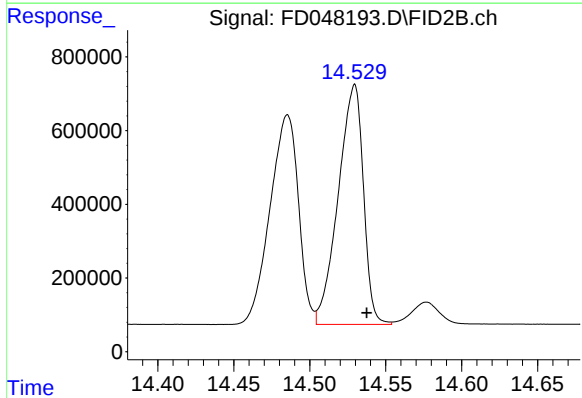
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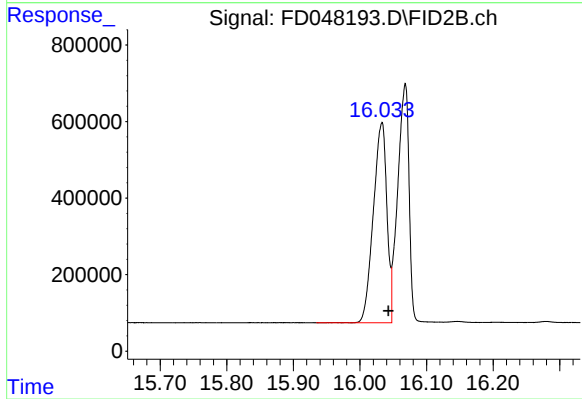
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.485 min
Delta R.T.: -0.014 min
Response: 7443887
Conc: 54.52 ug/ml



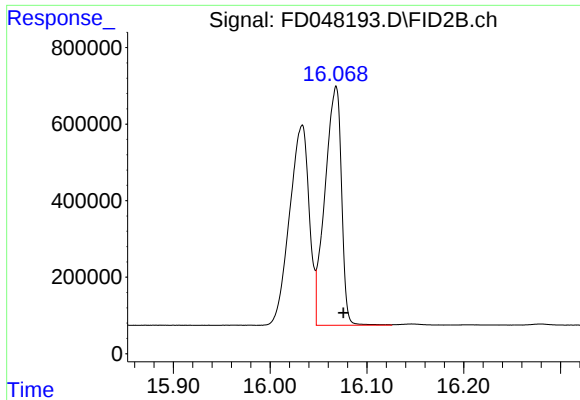
#15 Chrysene (C27.41)

R.T.: 14.529 min
Delta R.T.: -0.009 min
Response: 7506729
Conc: 46.57 ug/ml



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

R.T.: 16.032 min
Delta R.T.: -0.010 min
Response: 7393341
Conc: 51.37 ug/ml



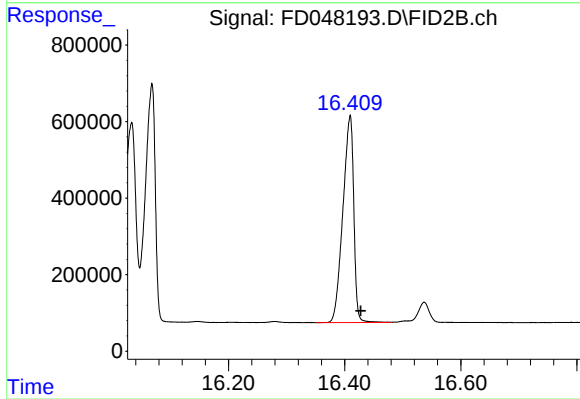
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.067 min
Delta R.T.: -0.009 min
Response: 7378628
Conc: 49.40 ug/ml

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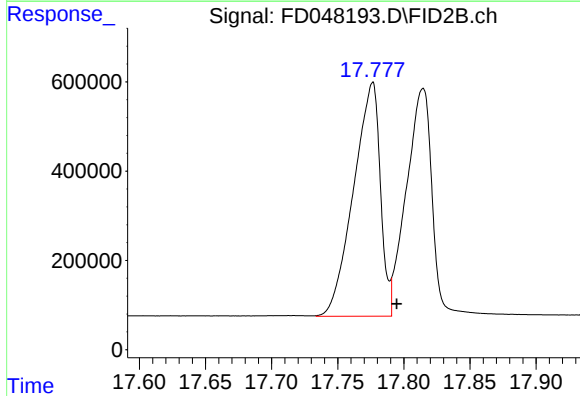
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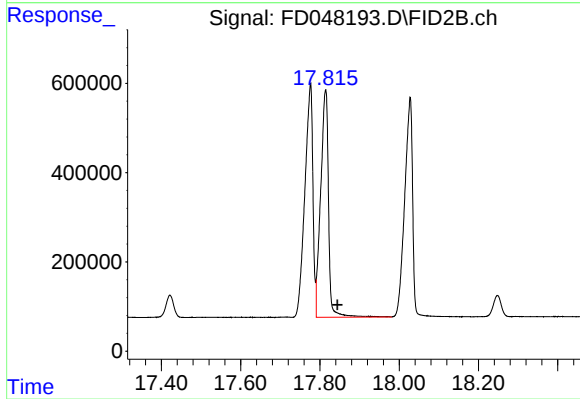
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.409 min
Delta R.T.: -0.019 min
Response: 7037476
Conc: 49.69 ug/ml



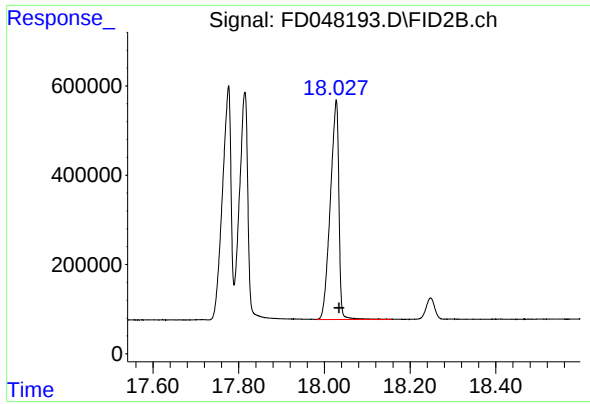
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.777 min
Delta R.T.: -0.018 min
Response: 7386596
Conc: 65.49 ug/ml m



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

R.T.: 17.814 min
Delta R.T.: -0.030 min
Response: 7005502
Conc: 48.20 ug/ml



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

R.T.: 18.027 min
Delta R.T.: -0.008 min
Response: 6832241
Conc: 46.36 ug/ml

Instrument :

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