

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112724AR\
 Data File : FD048824.D
 Signal(s) : FID2B.ch
 Acq On : 27 Nov 2024 09:18
 Operator : YP/AJ
 Sample : PB165286BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB165286BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/02/2024
 Supervised By :Ankita Jodhani 12/02/2024

Integration File: autoint1.e
 Quant Time: Nov 28 02:37:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.365	7798373	44.294 ug/ml
Spiked Amount 50.000		Recovery =	88.59%
6) S 2-Fluorobiphenyl (SURR)	8.215	4119206	35.766 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	71.53%
11) S ortho-Terphenyl (SURR)	11.251	7633251	39.687 ug/ml
Spiked Amount 50.000		Recovery =	79.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.188	5090019	27.008 ug/ml
2) T Naphthalene (C11.7)	5.705	6554994	33.517 ug/ml
3) T 2-Methylnaphthalene (...)	6.752	6807954	35.624 ug/ml
5) T Acenaphthylene (C15.06)	8.018	8420422	43.421 ug/ml
7) T Acenaphthene (C15.5)	8.314	8695651	45.209 ug/ml
8) T Flouorene (C16.55)	9.092	9140315	47.642 ug/ml
9) T Phenanthrene (C19.36)	10.480	9445420	51.529 ug/ml
10) T Anthracene (C19.43)	10.557	9536310	50.923 ug/ml
12) T Fluoranthene (C21.85)	12.286	9735315	53.163 ug/mlm
13) T Pyrene (C20.8)	12.580	9616115	53.188 ug/ml
14) T Benzo[a]anthracene (C...	14.450	9129078	55.495 ug/ml
15) T Chrysene (C27.41)	14.493	9123392	52.130 ug/ml
16) T benzo[b]fluoranthene ...	15.998	8673418	55.203 ug/ml
17) T Bnezo[k]fluoranthene ...	16.033	8875959	54.388 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.374	8240093	55.266 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.741	8020233	64.925 ug/ml
20) T Dibenz[a,h]anthracene...	17.778	8055015	51.367 ug/ml
21) T Benzo[g,h,i]perylene ...	17.993	7622140	53.419 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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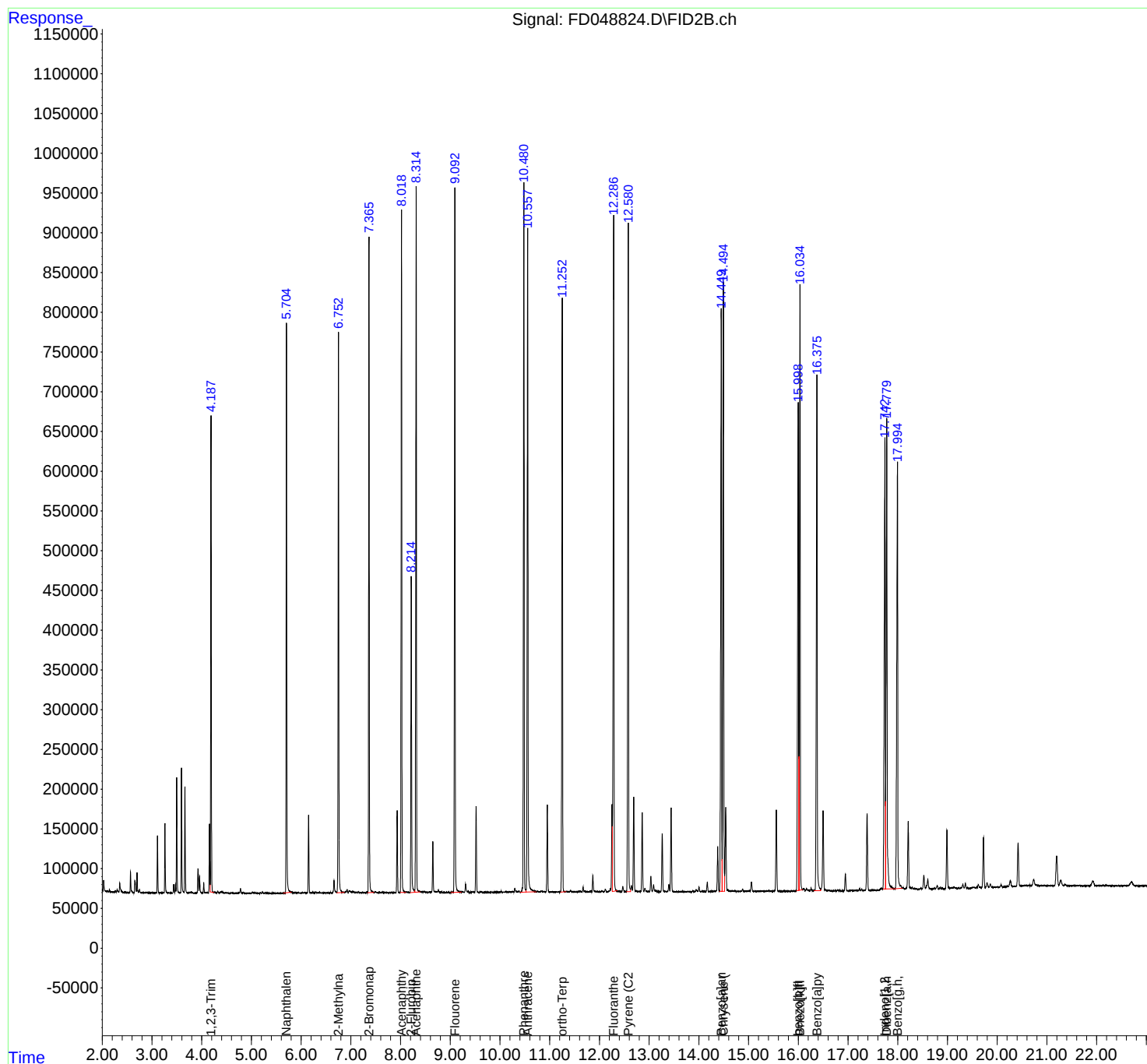
Instrument :
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PB165286BSD

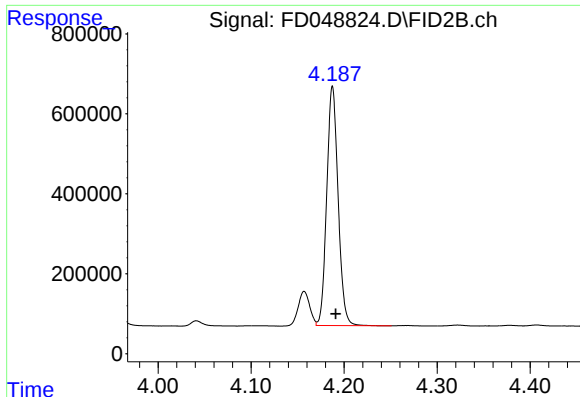
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.188 min
Delta R.T.: -0.003 min
Response: 5090019
Conc: 27.01 ug/ml

Instrument :

FID_D

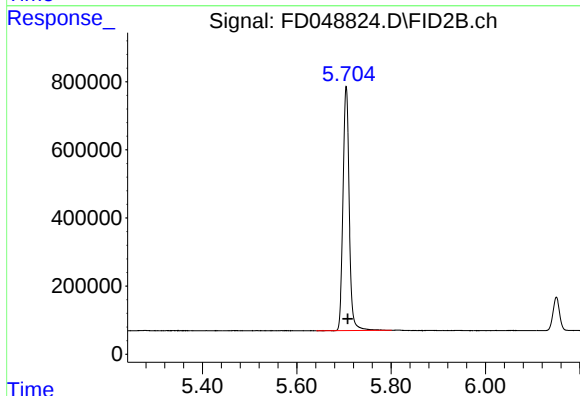
ClientSampleId :

PB165286BSD

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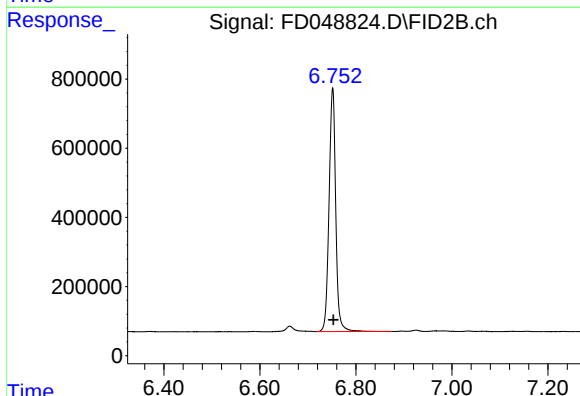
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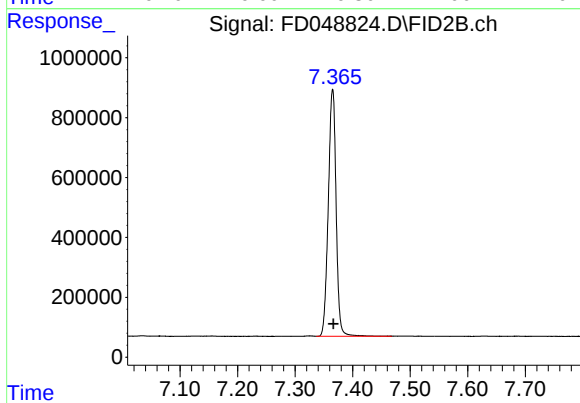
#2 Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: -0.003 min
Response: 6554994
Conc: 33.52 ug/ml



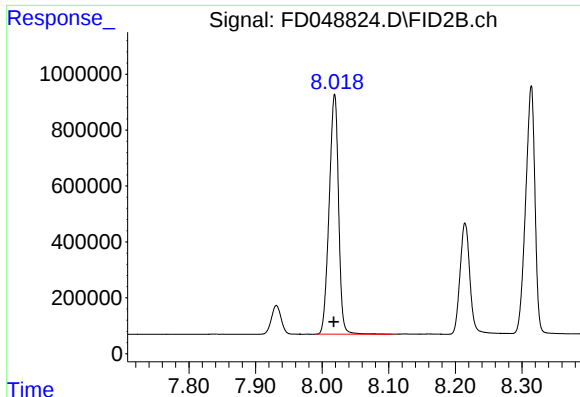
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 6807954
Conc: 35.62 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.365 min
Delta R.T.: -0.001 min
Response: 7798373
Conc: 44.29 ug/ml



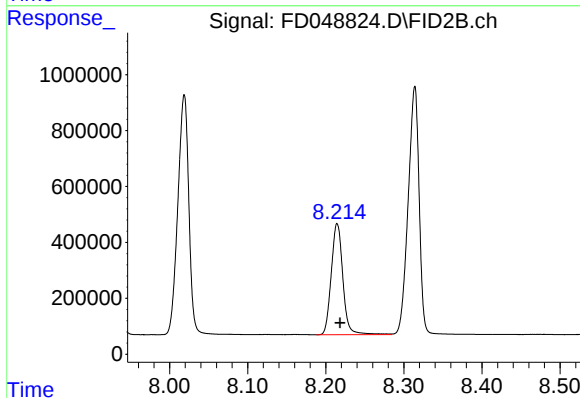
#5 Acenaphthylene (C15.06)

R.T.: 8.018 min
Delta R.T.: 0.000 min
Response: 8420422
Conc: 43.42 ug/ml

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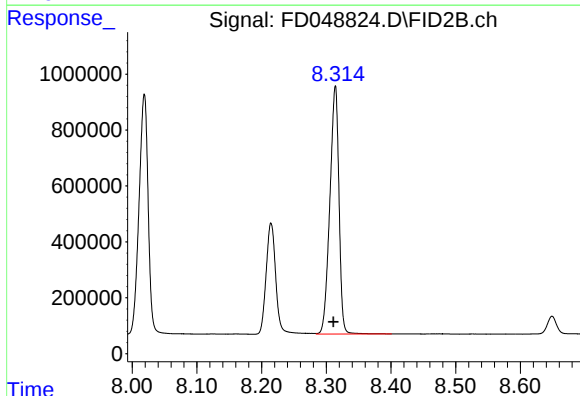
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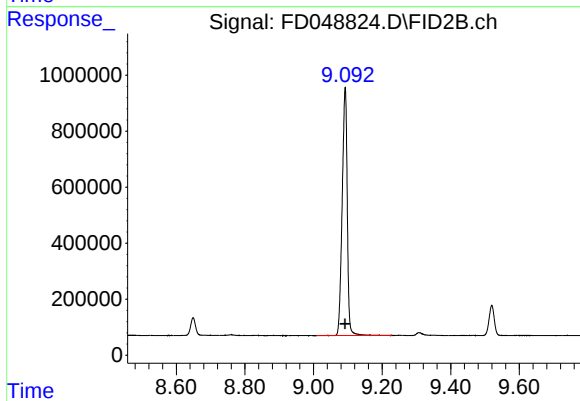
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.215 min
Delta R.T.: -0.004 min
Response: 4119206
Conc: 35.77 ug/ml



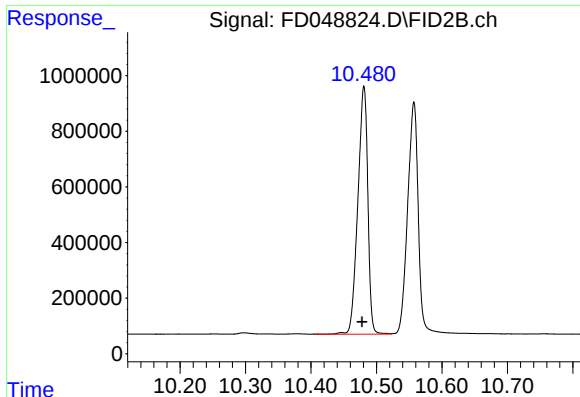
#7 Acenaphthene (C15.5)

R.T.: 8.314 min
Delta R.T.: 0.003 min
Response: 8695651
Conc: 45.21 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.092 min
Delta R.T.: 0.000 min
Response: 9140315
Conc: 47.64 ug/ml



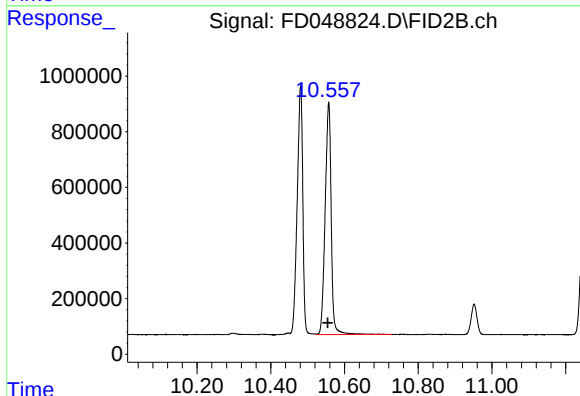
#9 Phenanthrene (C19.36)

R.T.: 10.480 min
Delta R.T.: 0.002 min
Response: 9445420
Conc: 51.53 ug/ml

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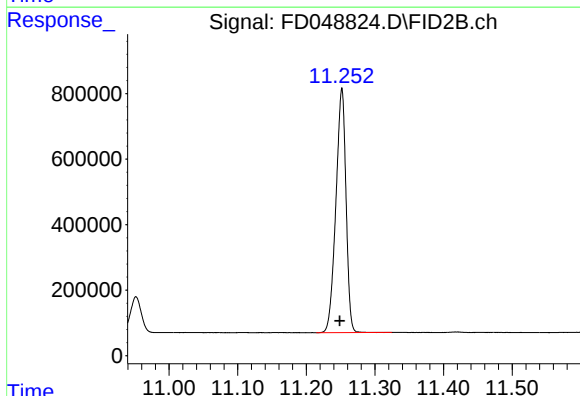
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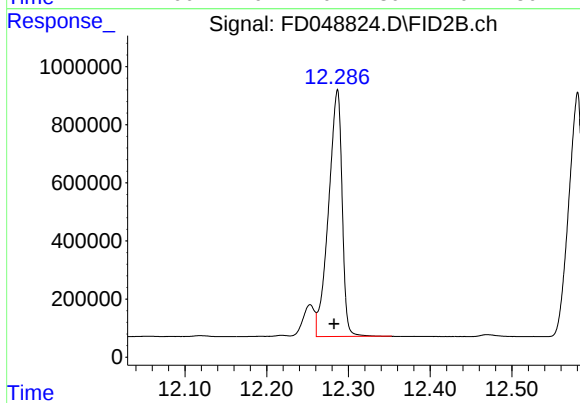
#10 Anthracene (C19.43)

R.T.: 10.557 min
Delta R.T.: 0.002 min
Response: 9536310
Conc: 50.92 ug/ml



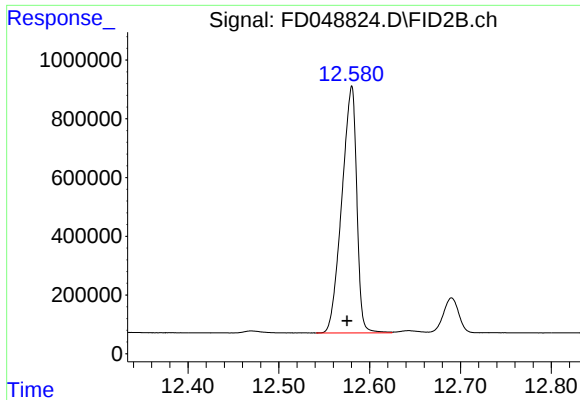
#11 ortho-Terphenyl (SURR)

R.T.: 11.251 min
Delta R.T.: 0.003 min
Response: 7633251
Conc: 39.69 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.286 min
Delta R.T.: 0.004 min
Response: 9735315
Conc: 53.16 ug/ml m



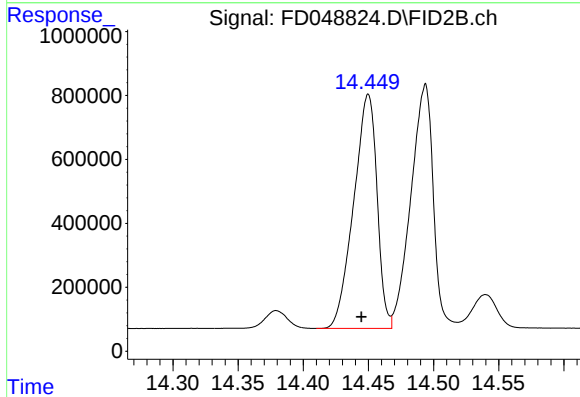
#13 Pyrene (C20.8)

R.T.: 12.580 min
Delta R.T.: 0.004 min
Response: 9616115
Conc: 53.19 ug/ml

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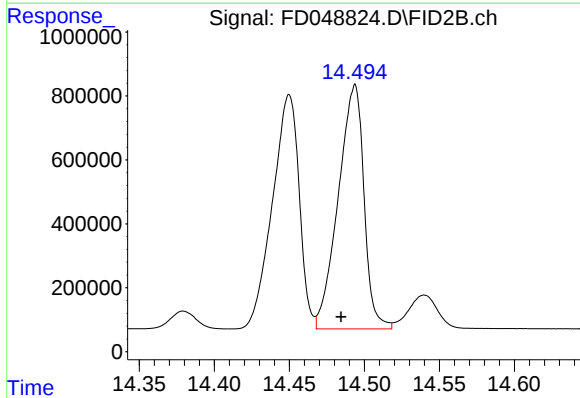
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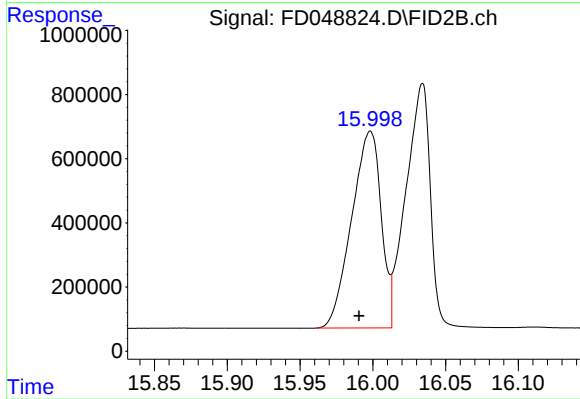
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.450 min
Delta R.T.: 0.005 min
Response: 9129078
Conc: 55.50 ug/ml



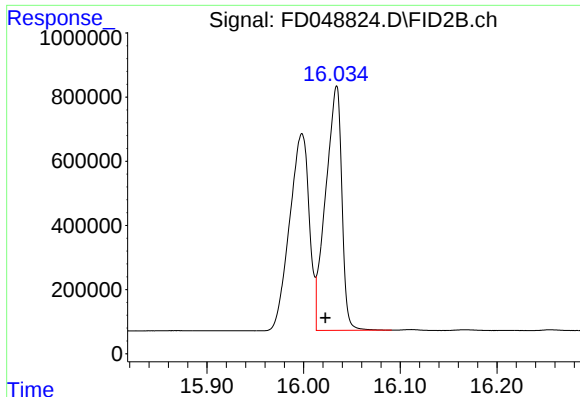
#15 Chrysene (C27.41)

R.T.: 14.493 min
Delta R.T.: 0.009 min
Response: 9123392
Conc: 52.13 ug/ml



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

R.T.: 15.998 min
Delta R.T.: 0.007 min
Response: 8673418
Conc: 55.20 ug/ml



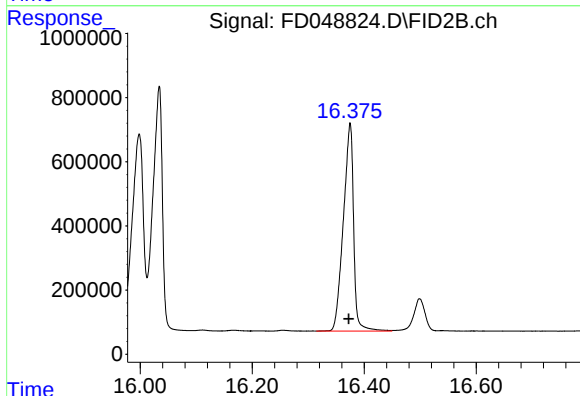
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.033 min
Delta R.T.: 0.011 min
Response: 8875959
Conc: 54.39 ug/ml

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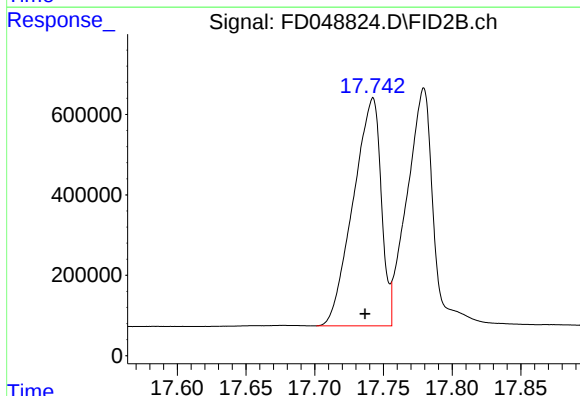
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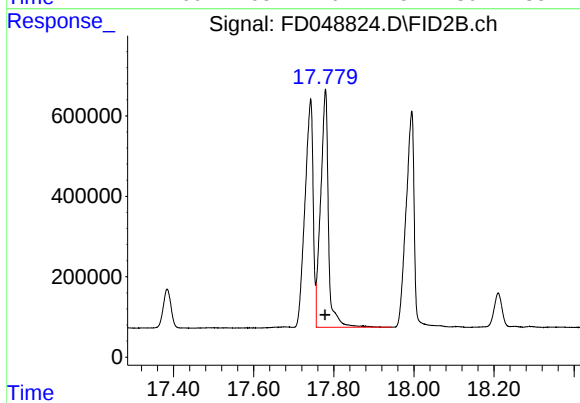
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.374 min
Delta R.T.: 0.002 min
Response: 8240093
Conc: 55.27 ug/ml



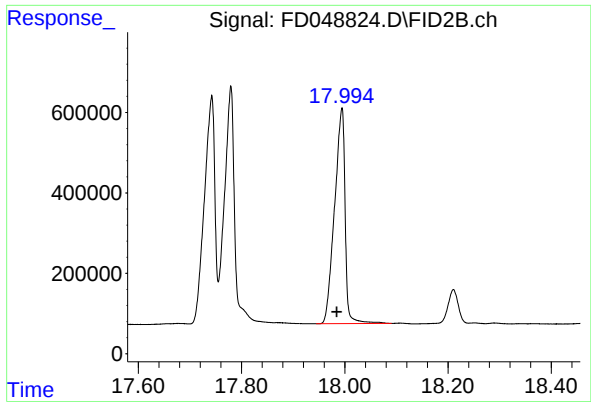
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.741 min
Delta R.T.: 0.004 min
Response: 8020233
Conc: 64.93 ug/ml



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

R.T.: 17.778 min
Delta R.T.: 0.000 min
Response: 8055015
Conc: 51.37 ug/ml



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

R.T.: 17.993 min
Delta R.T.: 0.009 min
Response: 7622140
Conc: 53.42 ug/ml

Instrument :

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