

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050823AR\
 Data File : FD045630.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2023 21:35
 Operator : YP/AJ
 Sample : 02627-01MSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 T-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/09/2023
 Supervised By :Ankita Jodhani 05/09/2023

Integration File: autoint1.e
 Quant Time: May 09 03:43:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.545	7971003	46.731 ug/ml
Spiked Amount 50.000		Recovery =	93.46%
6) S 2-Fluorobiphenyl (SURR)	8.401	5320675	46.277 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.55%
11) S ortho-Terphenyl (SURR)	11.439	5995247	28.397 ug/ml
Spiked Amount 50.000		Recovery =	56.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.352	6069765	32.517 ug/ml
2) T Naphthalene (C11.7)	5.882	7105226	36.122 ug/ml
3) T 2-Methylnaphthalene (...)	6.932	7346002	37.186 ug/ml
5) T Acenaphthylene (C15.06)	8.205	8110513	45.142 ug/ml
7) T Acenaphthene (C15.5)	8.502	8552134	44.941 ug/ml
8) T Fluorene (C16.55)	9.280	8403730	44.560 ug/ml
9) T Phenanthrene (C19.36)	10.672	8466405	45.549 ug/ml
10) T Anthracene (C19.43)	10.747	8520664	47.662 ug/ml
12) T Fluoranthene (C21.85)	12.476	8401684	46.573 ug/ml
13) T Pyrene (C20.8)	12.773	8409244	47.982 ug/ml
14) T Benzo[a]anthracene (C...	14.637	7834217	49.219 ug/ml
15) T Chrysene (C27.41)	14.682	7689612	47.356 ug/ml
16) T benzo[b]fluoranthene ...	16.181	7603580	51.628 ug/ml
17) T Bnezo[k]fluoranthene ...	16.217	7406565	51.224 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.556	6620896	47.486 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	6369343	50.132 ug/ml
20) T Dibenz[a,h]anthracene...	17.956	6499323	50.606 ug/ml
21) T Benzo[g,h,i]perylene ...	18.170	6447284	50.125 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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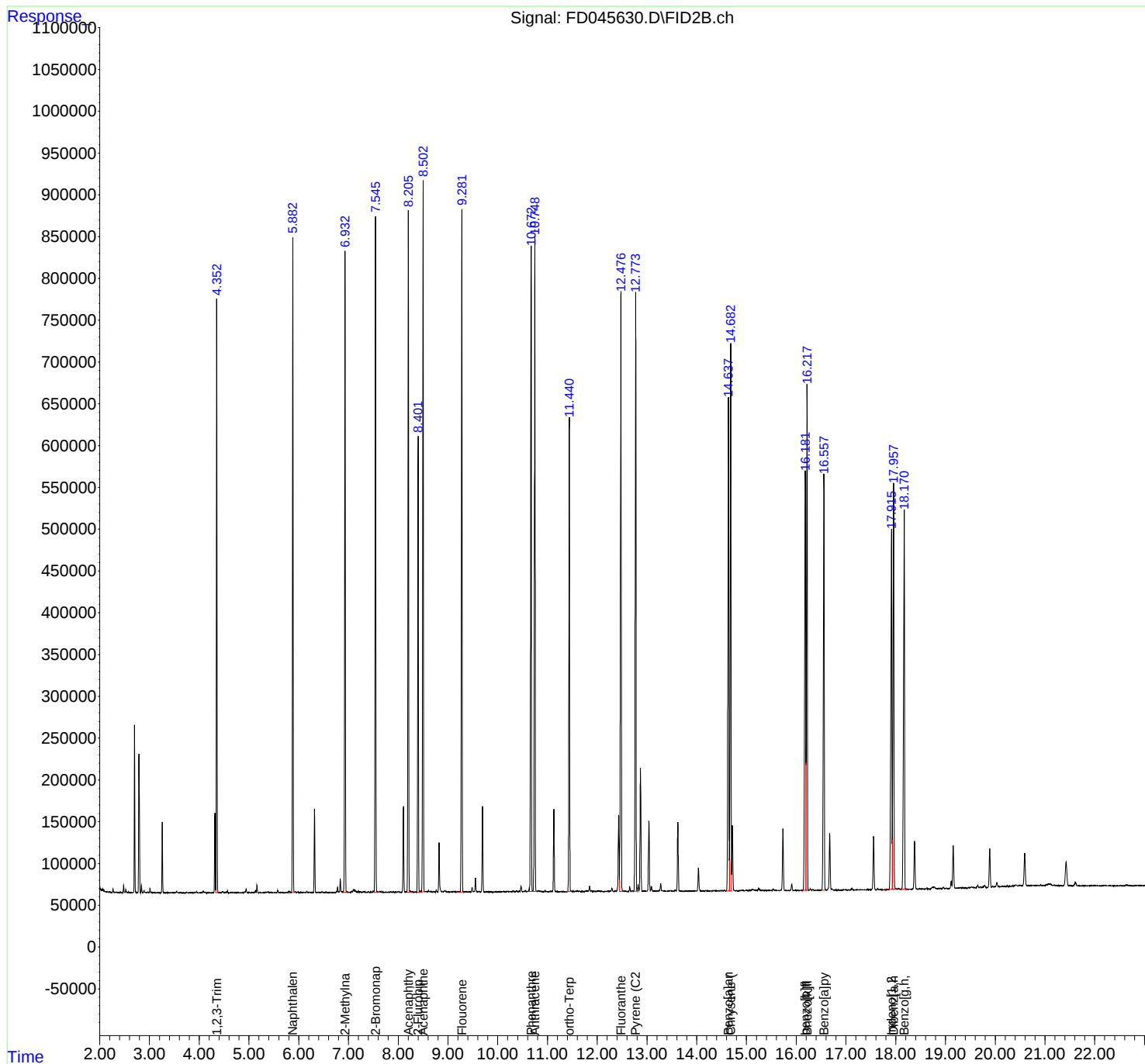
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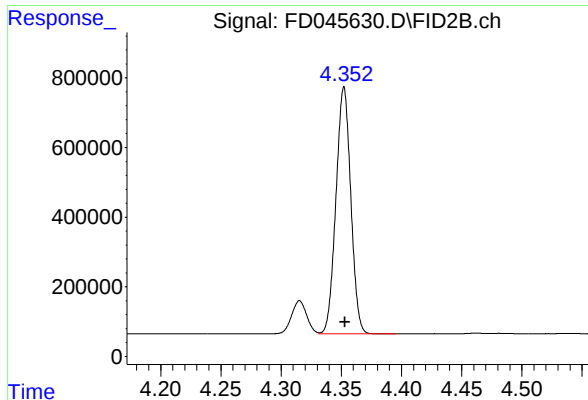
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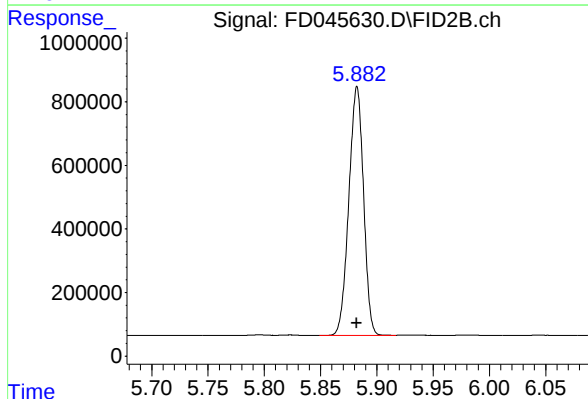
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.352 min
Delta R.T.: 0.000 min
Response: 6069765
Conc: 32.52 ug/ml

Instrument :
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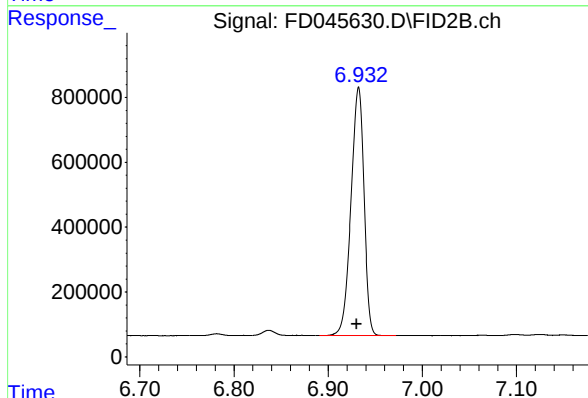
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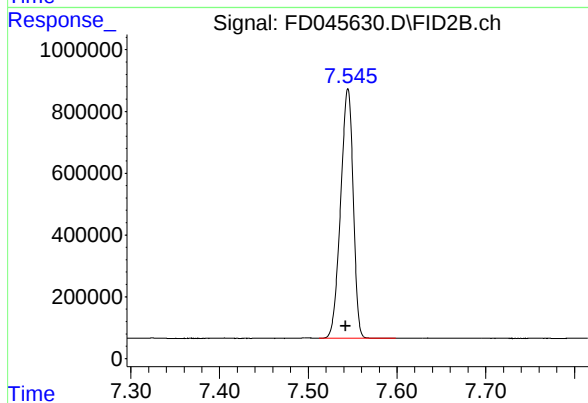
#2 Naphthalene (C11.7)

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 7105226
Conc: 36.12 ug/ml



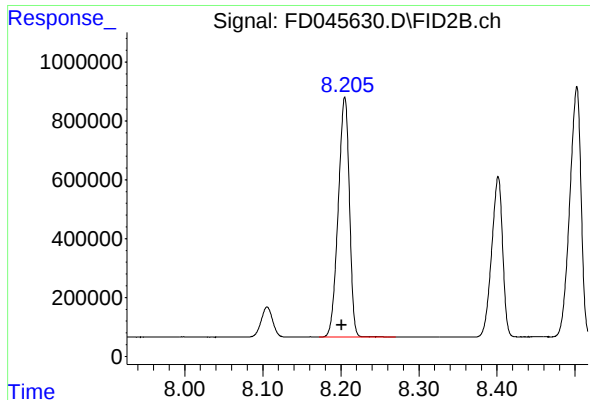
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.932 min
Delta R.T.: 0.002 min
Response: 7346002
Conc: 37.19 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.545 min
Delta R.T.: 0.002 min
Response: 7971003
Conc: 46.73 ug/ml



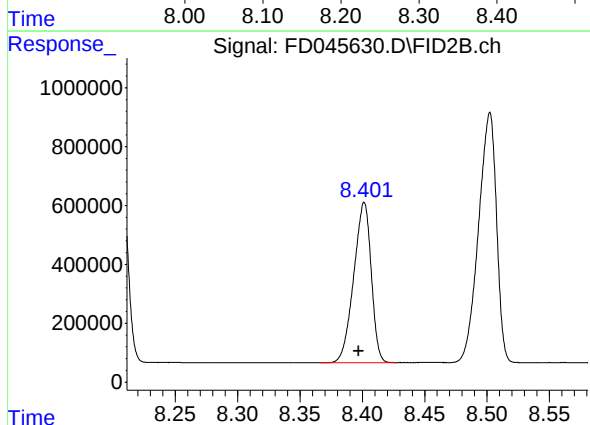
#5 Acenaphthylene (C15.06)

R.T.: 8.205 min
Delta R.T.: 0.004 min
Response: 8110513
Conc: 45.14 ug/ml

Instrument :
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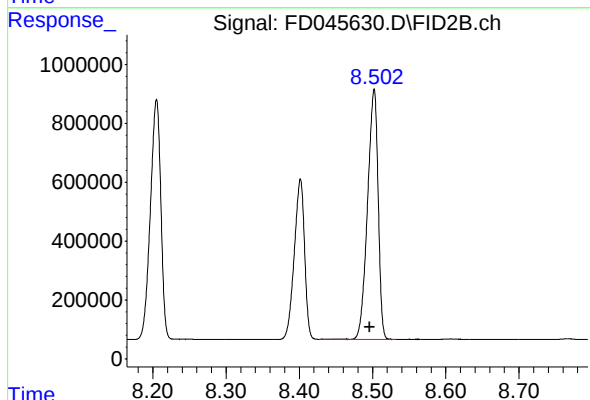
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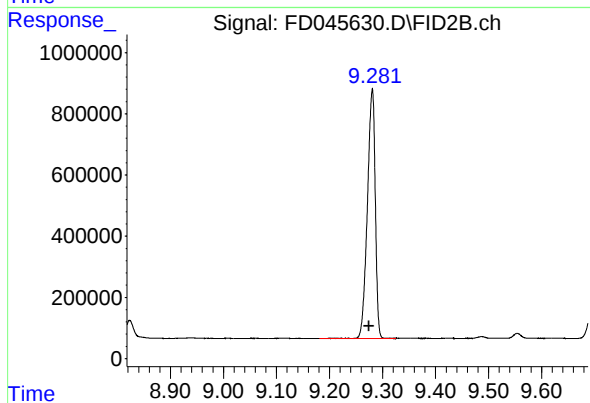
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: 0.004 min
Response: 5320675
Conc: 46.28 ug/ml



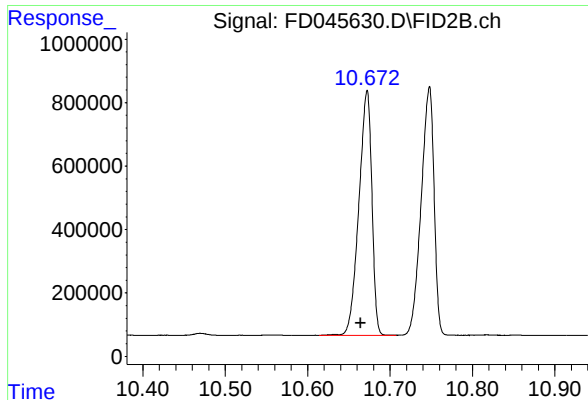
#7 Acenaphthene (C15.5)

R.T.: 8.502 min
Delta R.T.: 0.006 min
Response: 8552134
Conc: 44.94 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.280 min
Delta R.T.: 0.006 min
Response: 8403730
Conc: 44.56 ug/ml



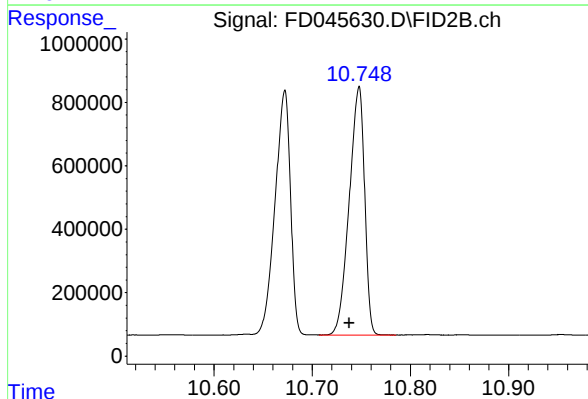
#9 Phenanthrene (C19.36)

R.T.: 10.672 min
Delta R.T.: 0.007 min
Response: 8466405
Conc: 45.55 ug/ml

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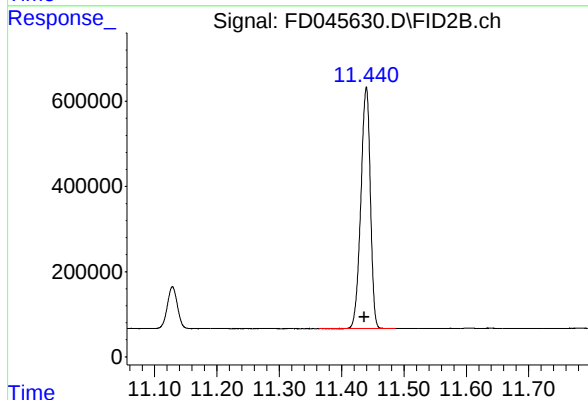
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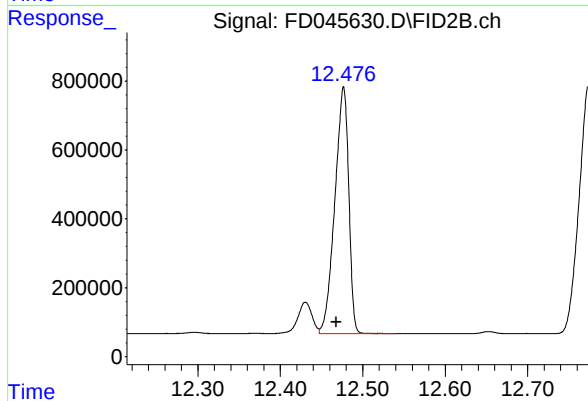
#10 Anthracene (C19.43)

R.T.: 10.747 min
Delta R.T.: 0.009 min
Response: 8520664
Conc: 47.66 ug/ml



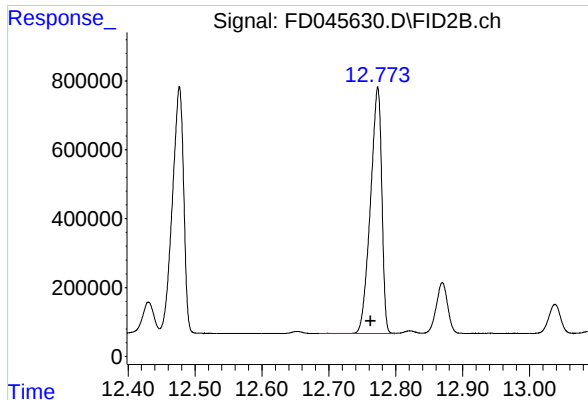
#11 ortho-Terphenyl (SURR)

R.T.: 11.439 min
Delta R.T.: 0.003 min
Response: 5995247
Conc: 28.40 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.476 min
Delta R.T.: 0.008 min
Response: 8401684
Conc: 46.57 ug/ml



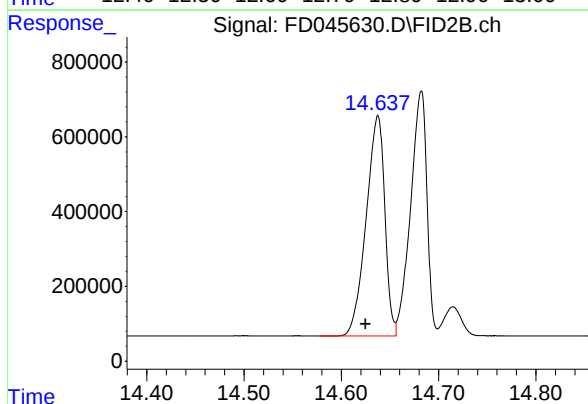
#13 Pyrene (C20.8)

R.T.: 12.773 min
Delta R.T.: 0.010 min
Response: 8409244
Conc: 47.98 ug/ml

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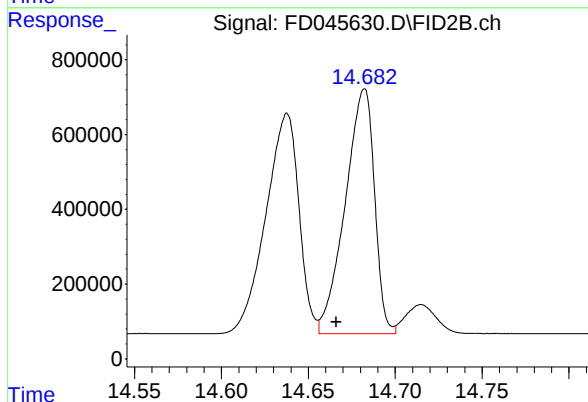
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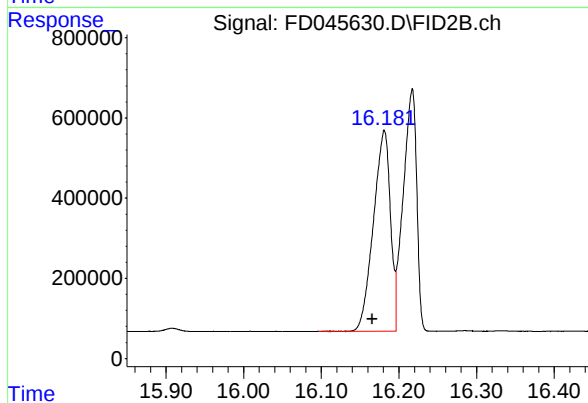
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min
Delta R.T.: 0.012 min
Response: 7834217
Conc: 49.22 ug/ml



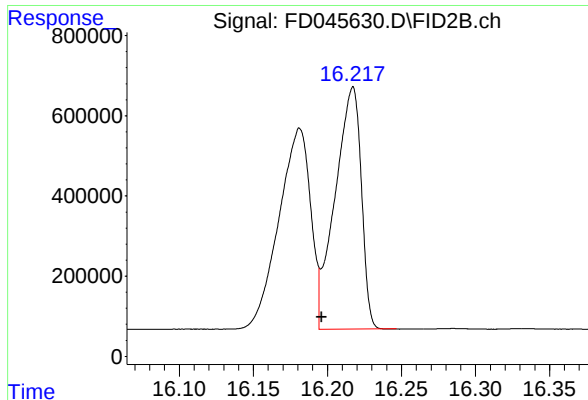
#15 Chrysene (C27.41)

R.T.: 14.682 min
Delta R.T.: 0.015 min
Response: 7689612
Conc: 47.36 ug/ml



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

R.T.: 16.181 min
Delta R.T.: 0.015 min
Response: 7603580
Conc: 51.63 ug/ml



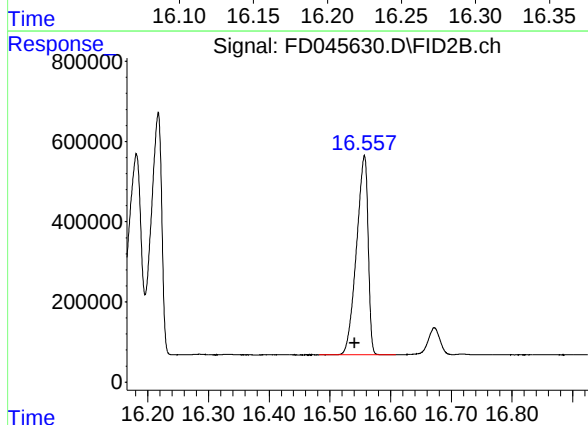
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.217 min
Delta R.T.: 0.021 min
Response: 7406565
Conc: 51.22 ug/ml

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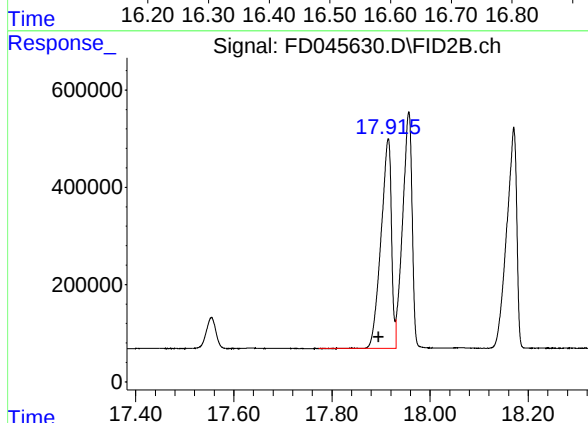
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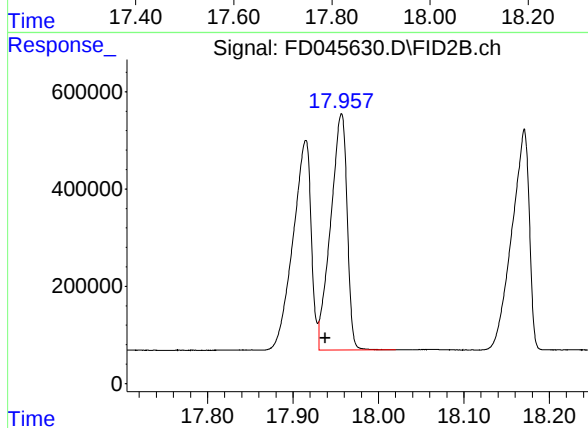
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: 0.016 min
Response: 6620896
Conc: 47.49 ug/ml



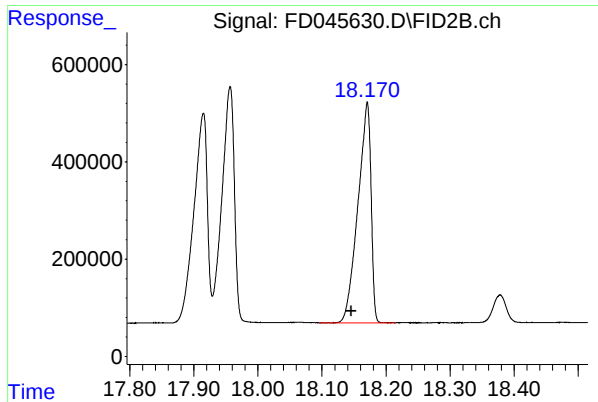
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.914 min
Delta R.T.: 0.019 min
Response: 6369343
Conc: 50.13 ug/ml



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

R.T.: 17.956 min
Delta R.T.: 0.018 min
Response: 6499323
Conc: 50.61 ug/ml



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

R.T.: 18.170 min
Delta R.T.: 0.024 min
Response: 6447284
Conc: 50.12 ug/ml

Instrument :

FID_D

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