

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050422AR\
 Data File : FD042292.D
 Signal(s) : FID2B.CH
 Acq On : 04 May 2022 18:14
 Operator : UA/NP
 Sample : PB144566BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144566BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/05/2022
 Supervised By :mohammad ahmed 05/06/2022

Integration File: autoint1.e
 Quant Time: May 05 01:57:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 2022
 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...	7.346	6345621	45.272 ug/ml
Spiked Amount 50.000		Recovery =	90.54%
6) S 2-Fluorobiphenyl (SURR)	8.197	3911182	54.892 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.78%
11) S ortho-Terphenyl (SURR)	11.224	6232304	35.956 ug/ml
Spiked Amount 50.000		Recovery =	71.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.168	4747221	30.493 ug/mlm
2) T Naphthalene (C11.7)	5.689	5267429	33.391 ug/ml
3) T 2-Methylnaphthalene (...)	6.735	5245946	36.278 ug/ml
5) T Acenaphthylene (C15.06)	7.998	5400939	32.772 ug/ml
7) T Acenaphthene (C15.5)	8.291	6033680	32.138 ug/ml
8) T Flouorene (C16.55)	9.070	5848523	38.397 ug/ml
9) T Phenanthrene (C19.36)	10.457	5850797	39.403 ug/ml
10) T Anthracene (C19.43)	10.532	6168228	36.845 ug/ml
12) T Fluoranthene (C21.85)	12.258	5951913	37.944 ug/ml
13) T Pyrene (C20.8)	12.552	5856870	35.909 ug/ml
14) T Benzo[a]anthracene (C...	14.423	5394830	45.100 ug/ml
15) T Chrysene (C27.41)	14.464	5446637	29.688 ug/ml
16) T benzo[b]fluoranthene ...	15.972	5469691	41.659 ug/ml
17) T Bnezo[k]fluoranthene ...	16.004	6043898	34.959 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.348	5103198	34.588 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.718	5153754	51.634 ug/ml
20) T Dibenz[a,h]anthracene...	17.754	5828221	37.133 ug/ml
21) T Benzo[g,h,i]perylene ...	17.969	5550724	40.080 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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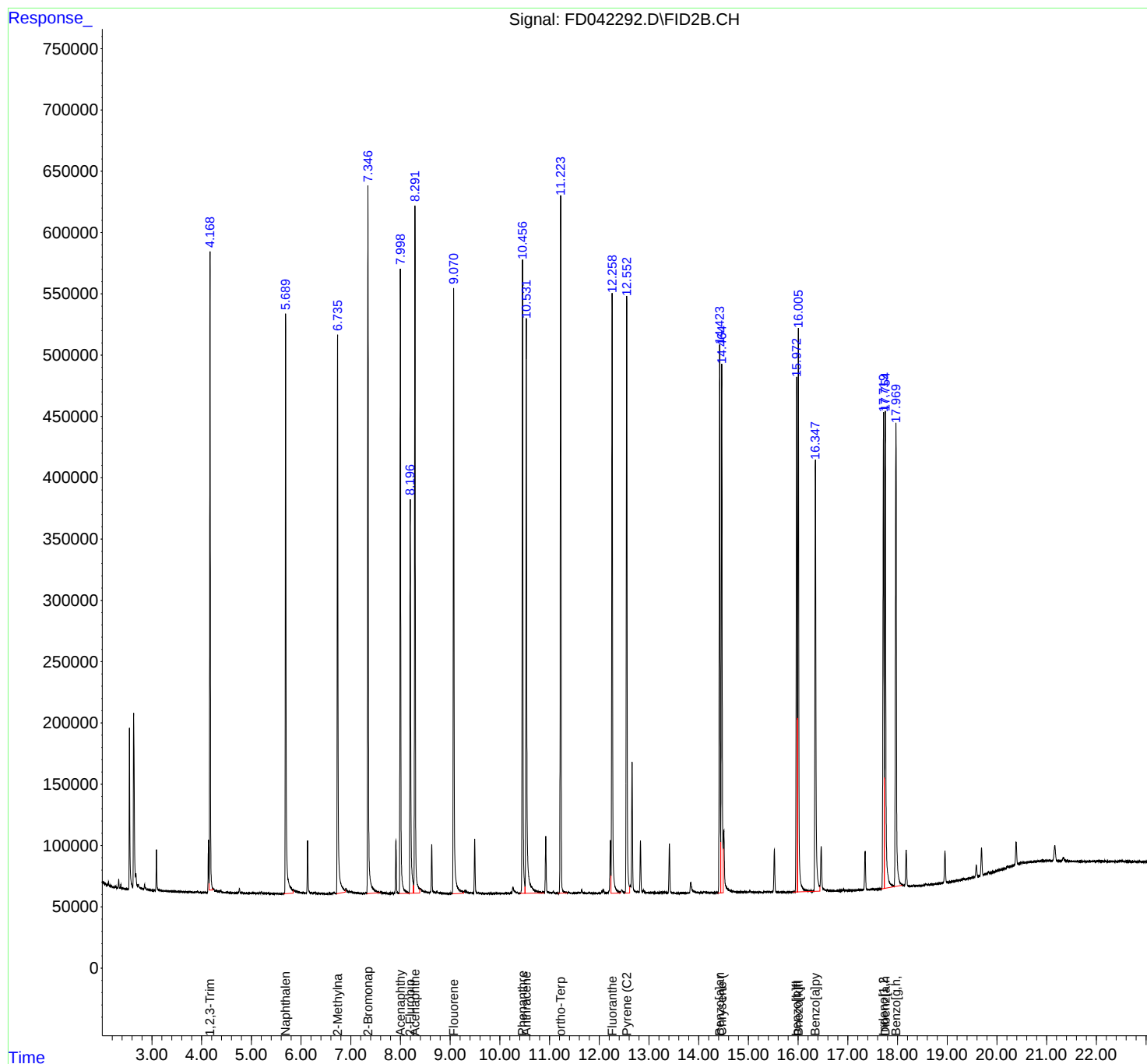
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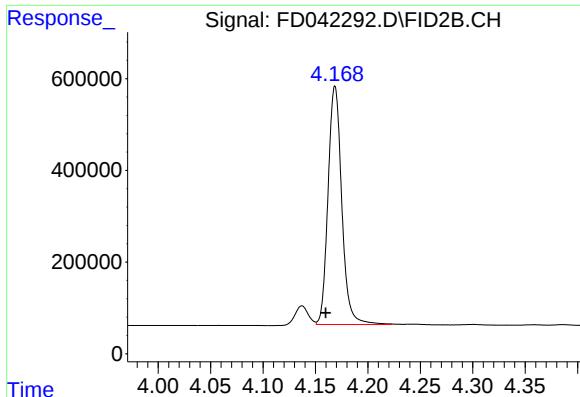
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.168 min
Delta R.T.: 0.008 min
Response: 4747221
Conc: 30.49 ug/ml

Instrument :

FID_D

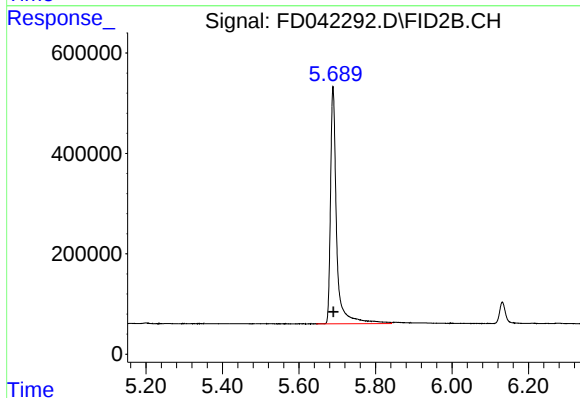
ClientSampleId :

PB144566BSD

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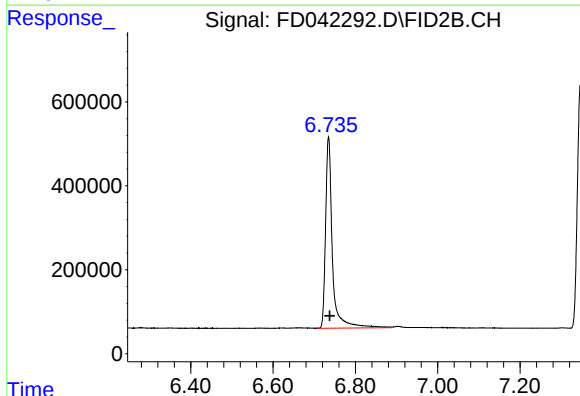
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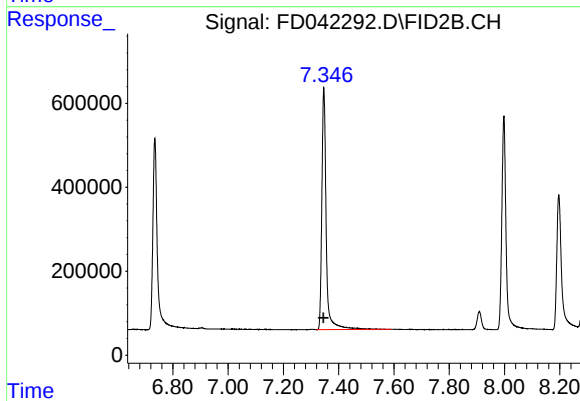
#2 Naphthalene (C11.7)

R.T.: 5.689 min
Delta R.T.: -0.001 min
Response: 5267429
Conc: 33.39 ug/ml



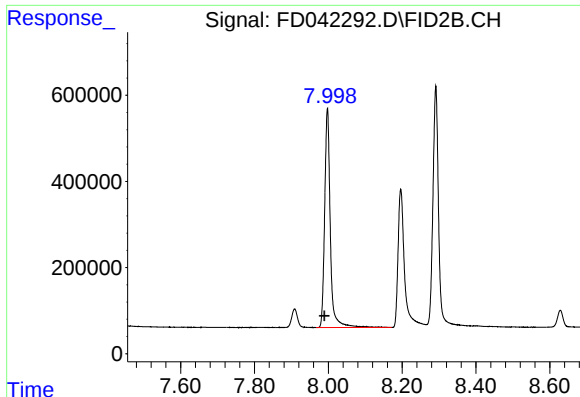
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.735 min
Delta R.T.: -0.003 min
Response: 5245946
Conc: 36.28 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.346 min
Delta R.T.: 0.001 min
Response: 6345621
Conc: 45.27 ug/ml



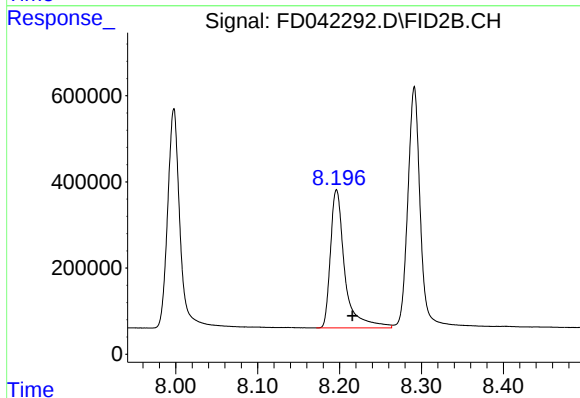
#5 Acenaphthylene (C15.06)

R.T.: 7.998 min
Delta R.T.: 0.008 min
Response: 5400939
Conc: 32.77 ug/ml

Instrument :
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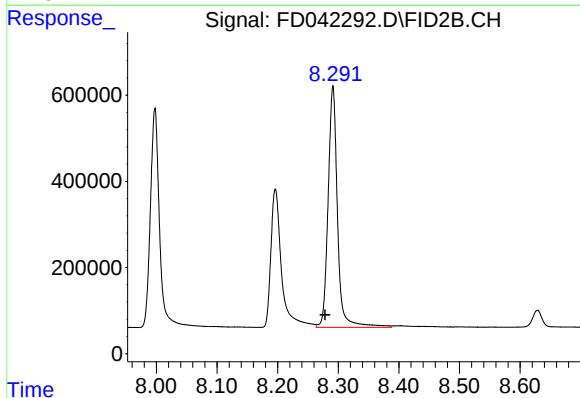
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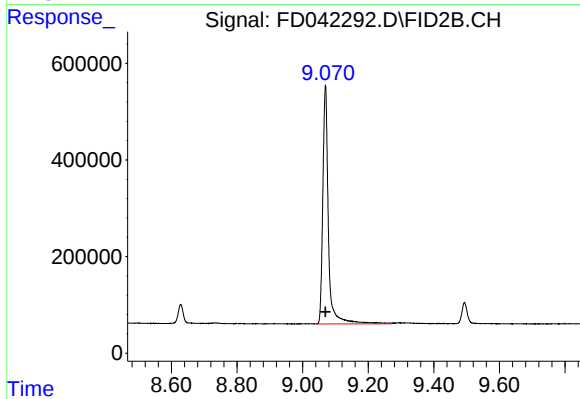
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.197 min
Delta R.T.: -0.019 min
Response: 3911182
Conc: 54.89 ug/ml



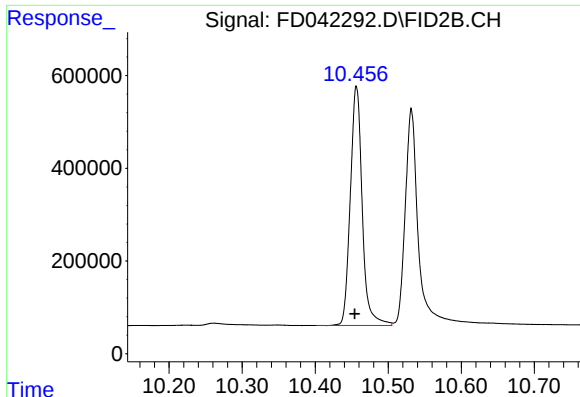
#7 Acenaphthene (C15.5)

R.T.: 8.291 min
Delta R.T.: 0.013 min
Response: 6033680
Conc: 32.14 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 5848523
Conc: 38.40 ug/ml



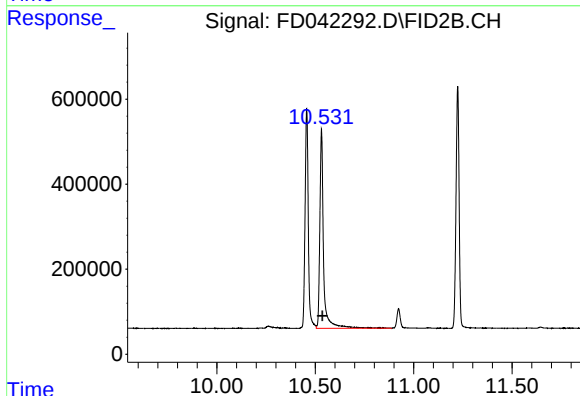
#9 Phenanthrene (C19.36)

R.T.: 10.457 min
Delta R.T.: 0.002 min
Response: 5850797
Conc: 39.40 ug/ml

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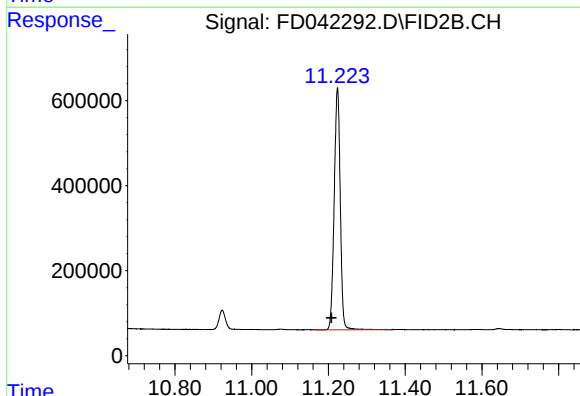
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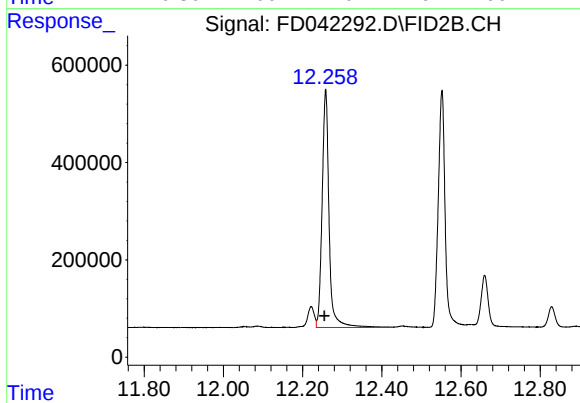
#10 Anthracene (C19.43)

R.T.: 10.532 min
Delta R.T.: -0.005 min
Response: 6168228
Conc: 36.84 ug/ml



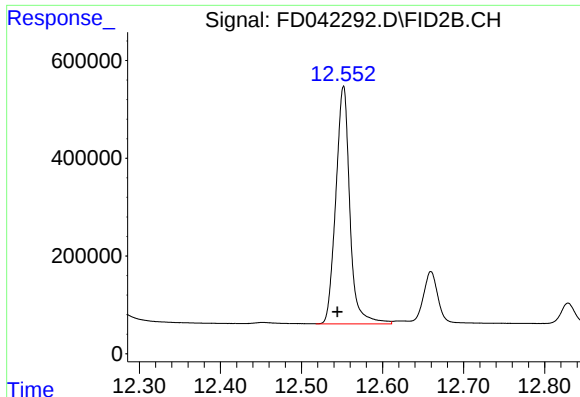
#11 ortho-Terphenyl (SURR)

R.T.: 11.224 min
Delta R.T.: 0.016 min
Response: 6232304
Conc: 35.96 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.258 min
Delta R.T.: 0.003 min
Response: 5951913
Conc: 37.94 ug/ml



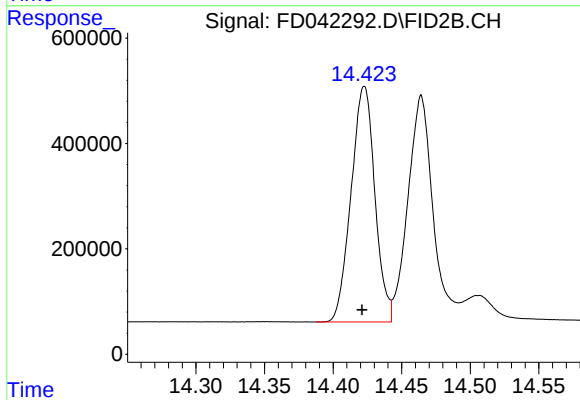
#13 Pyrene (C20.8)

R.T.: 12.552 min
Delta R.T.: 0.007 min
Response: 5856870
Conc: 35.91 ug/ml

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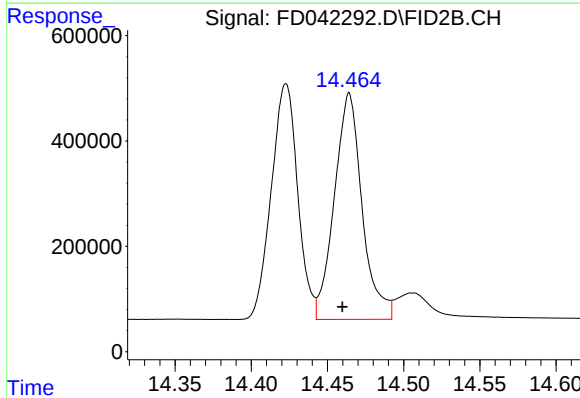
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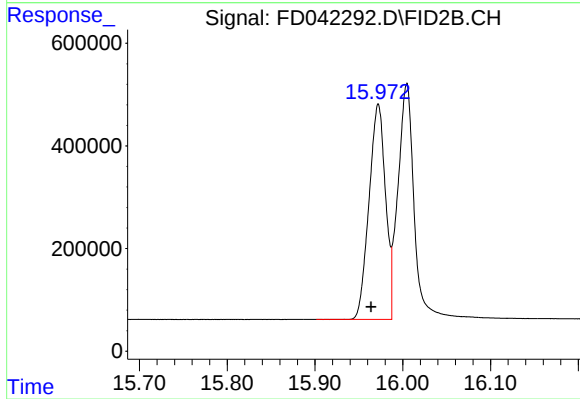
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.423 min
Delta R.T.: 0.001 min
Response: 5394830
Conc: 45.10 ug/ml



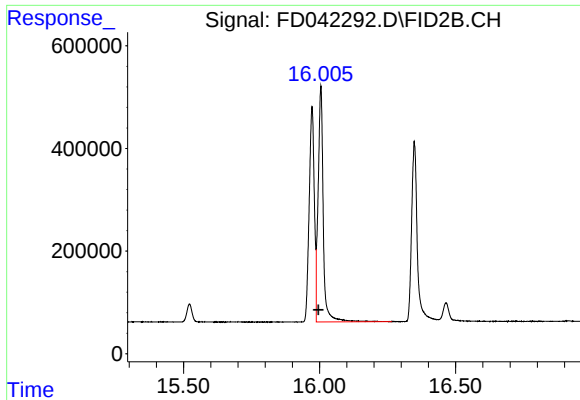
#15 Chrysene (C27.41)

R.T.: 14.464 min
Delta R.T.: 0.004 min
Response: 5446637
Conc: 29.69 ug/ml



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

R.T.: 15.972 min
Delta R.T.: 0.008 min
Response: 5469691
Conc: 41.66 ug/ml



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

R.T.: 16.004 min
Delta R.T.: 0.009 min
Response: 6043898
Conc: 34.96 ug/ml

Instrument :

FID_D

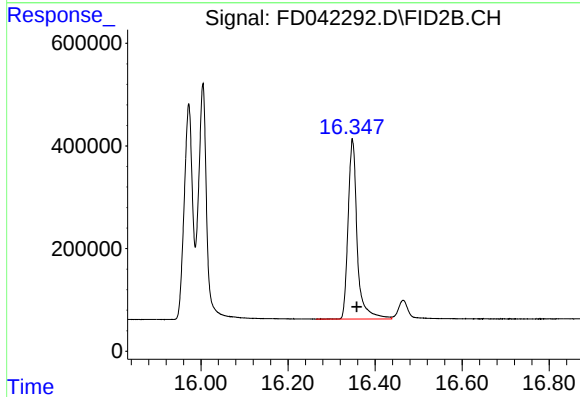
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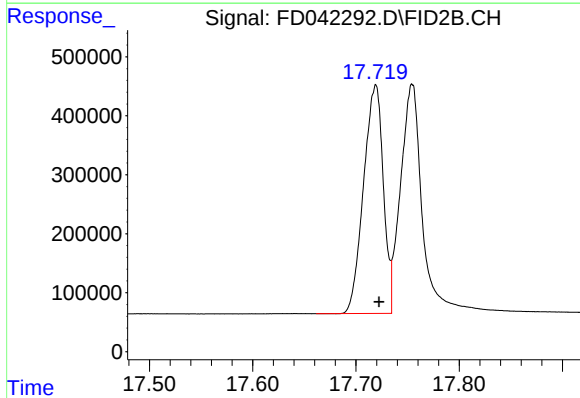
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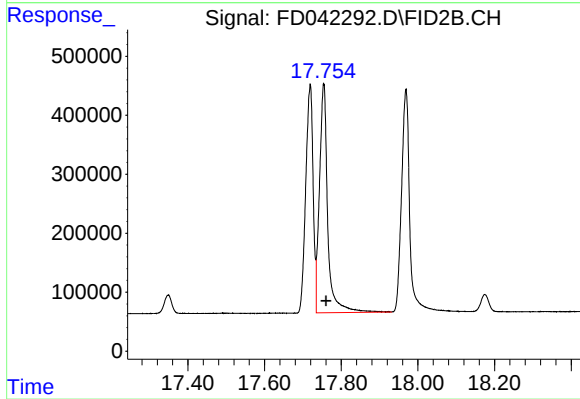
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.348 min
Delta R.T.: -0.009 min
Response: 5103198
Conc: 34.59 ug/ml



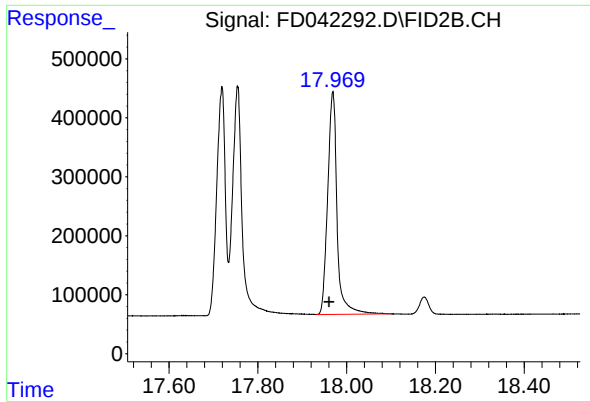
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.718 min
Delta R.T.: -0.004 min
Response: 5153754
Conc: 51.63 ug/ml



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

R.T.: 17.754 min
Delta R.T.: -0.007 min
Response: 5828221
Conc: 37.13 ug/ml



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

R.T.: 17.969 min
Delta R.T.: 0.008 min
Response: 5550724
Conc: 40.08 ug/ml

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