

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050422AR\
 Data File : FD042297.D
 Signal(s) : FID2B.CH
 Acq On : 04 May 2022 22:27
 Operator : UA/NP
 Sample : N2659-03MS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

22L097-CMS

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 01:58:26 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	6456836	46.065 ug/ml
Spiked Amount 50.000		Recovery =	92.13%
6) S 2-Fluorobiphenyl (SURR)	8.197	3856401	54.123 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.25%
11) S ortho-Terphenyl (SURR)	11.224	6380869	36.813 ug/ml
Spiked Amount 50.000		Recovery =	73.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.168	4496167	28.881 ug/mlm
2) T Naphthalene (C11.7)	5.689	5463783	34.636 ug/ml
3) T 2-Methylnaphthalene (...)	6.735	5622763	38.884 ug/ml
5) T Acenaphthylene (C15.06)	7.998	5748116	34.879 ug/ml
7) T Acenaphthene (C15.5)	8.292	6557964	34.930 ug/ml
8) T Flouorene (C16.55)	9.070	6622759	43.480 ug/ml
9) T Phenanthrene (C19.36)	10.458	8794961	59.230 ug/ml
10) T Anthracene (C19.43)	10.532	6688186	39.951 ug/ml
12) T Fluoranthene (C21.85)	12.260	8070221	51.449 ug/ml
13) T Pyrene (C20.8)	12.553	7522816	46.123 ug/ml
14) T Benzo[a]anthracene (C...	14.424	6288789	52.574 ug/ml
15) T Chrysene (C27.41)	14.466	6340661	34.561 ug/ml
16) T benzo[b]fluoranthene ...	15.975	6085053	46.345 ug/ml
17) T Bnezo[k]fluoranthene ...	16.008	5903451	34.147 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.351	5602127	37.969 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.721	5367582	53.777 ug/ml
20) T Dibenz[a,h]anthracene...	17.757	5574535	35.516 ug/ml
21) T Benzo[g,h,i]perylene ...	17.972	5523020	39.880 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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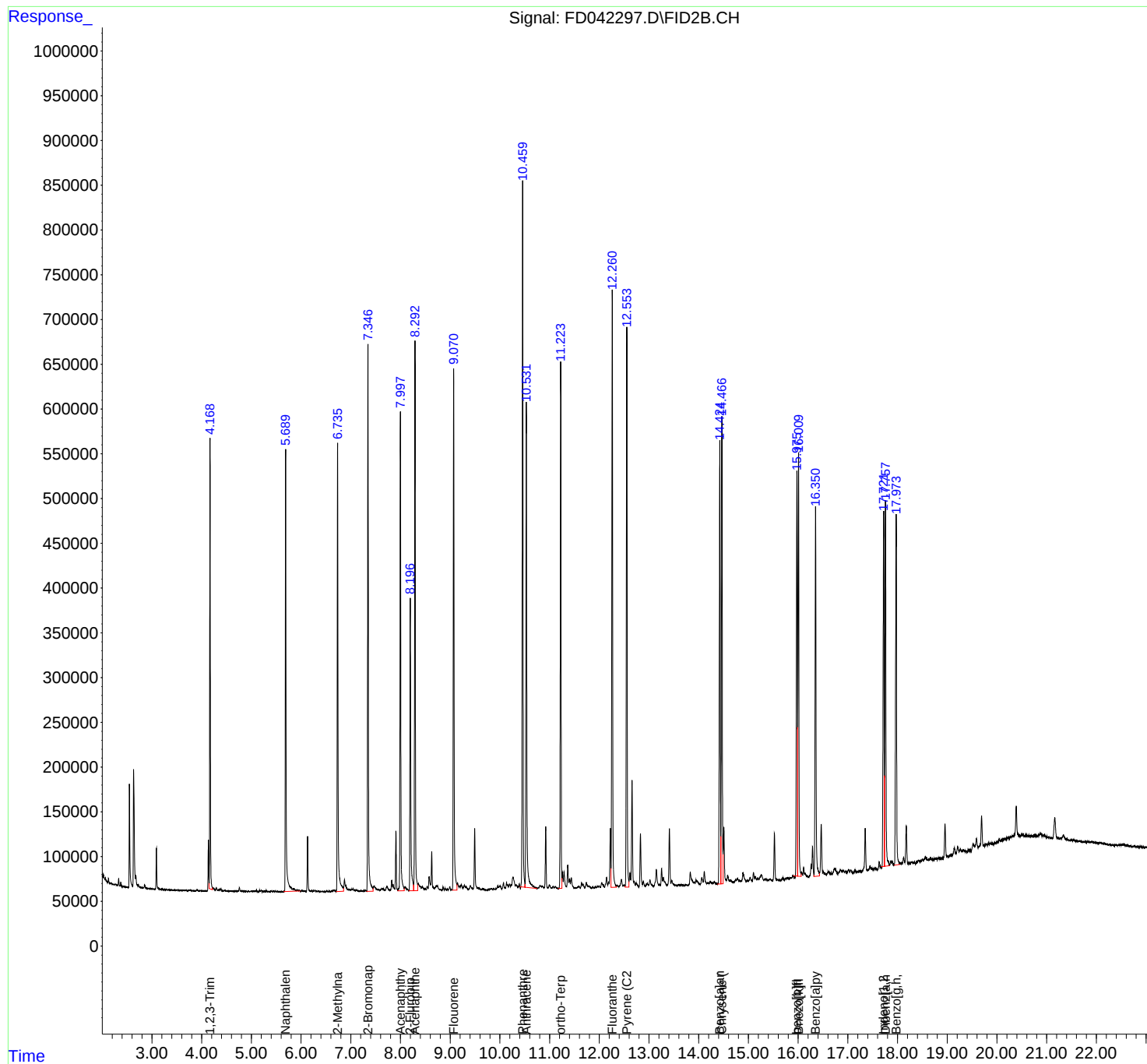
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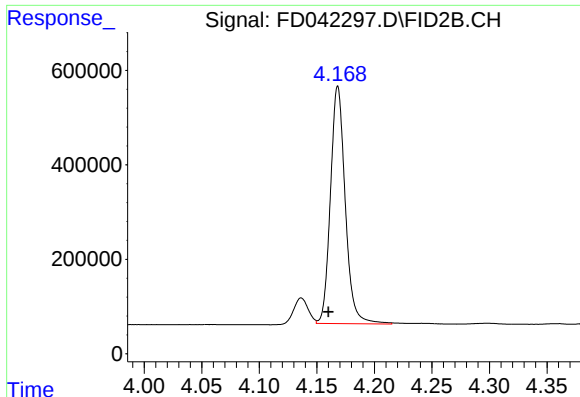
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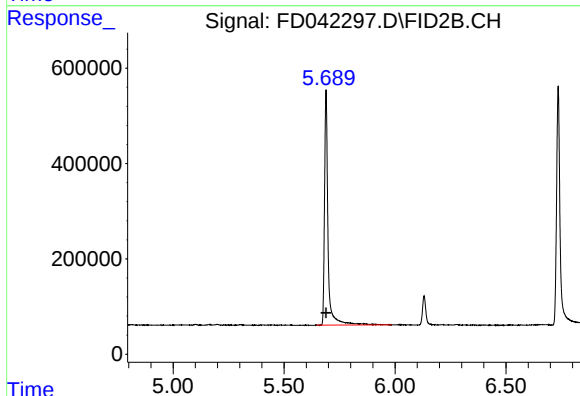
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.168 min
Delta R.T.: 0.008 min
Response: 4496167
Conc: 28.88 ug/ml

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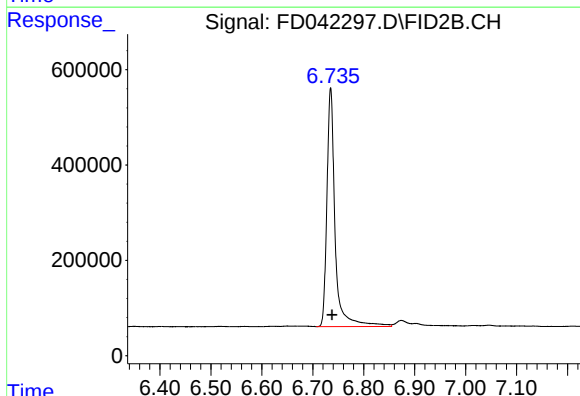
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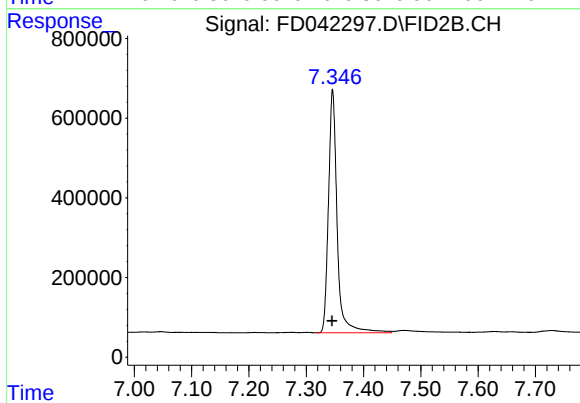
#2 Naphthalene (C11.7)

R.T.: 5.689 min
Delta R.T.: -0.001 min
Response: 5463783
Conc: 34.64 ug/ml



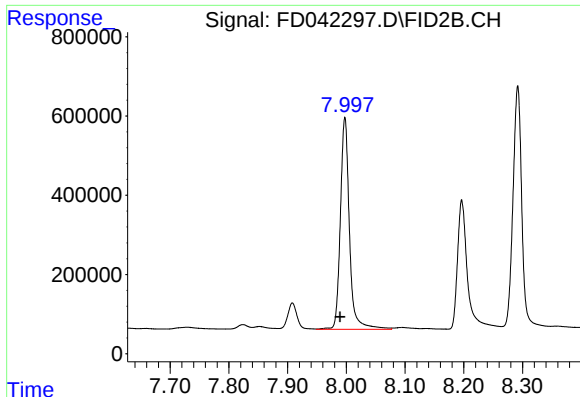
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.735 min
Delta R.T.: -0.003 min
Response: 5622763
Conc: 38.88 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.346 min
Delta R.T.: 0.001 min
Response: 6456836
Conc: 46.07 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.998 min
Delta R.T.: 0.008 min
Response: 5748116
Conc: 34.88 ug/ml

Instrument :

FID_D

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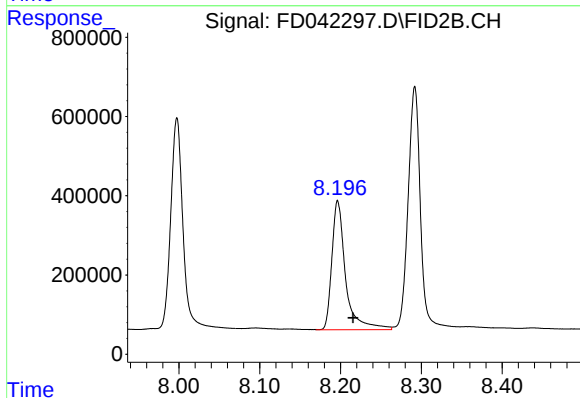
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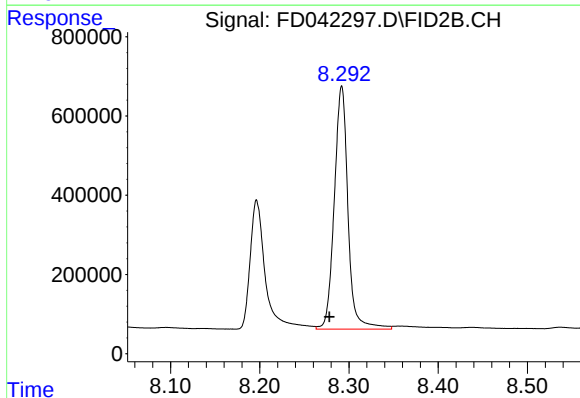
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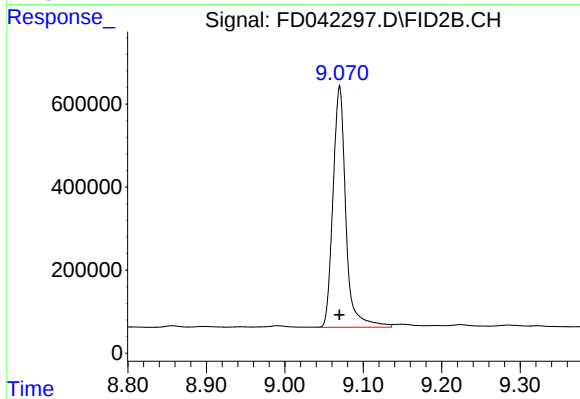
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.197 min
Delta R.T.: -0.019 min
Response: 3856401
Conc: 54.12 ug/ml



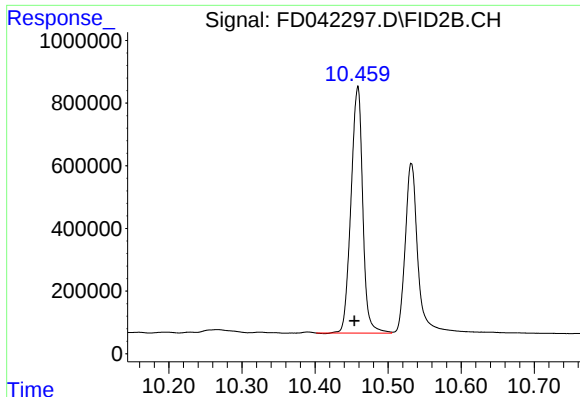
#7 Acenaphthene (C15.5)

R.T.: 8.292 min
Delta R.T.: 0.014 min
Response: 6557964
Conc: 34.93 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 6622759
Conc: 43.48 ug/ml



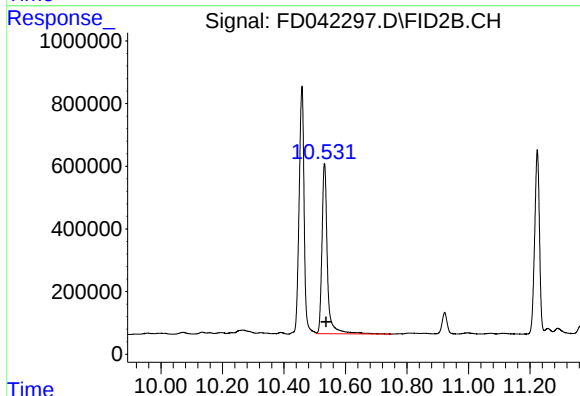
#9 Phenanthrene (C19.36)

R.T.: 10.458 min
Delta R.T.: 0.004 min
Response: 8794961
Conc: 59.23 ug/ml

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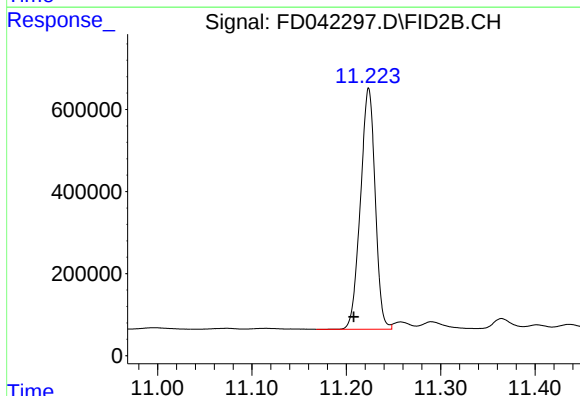
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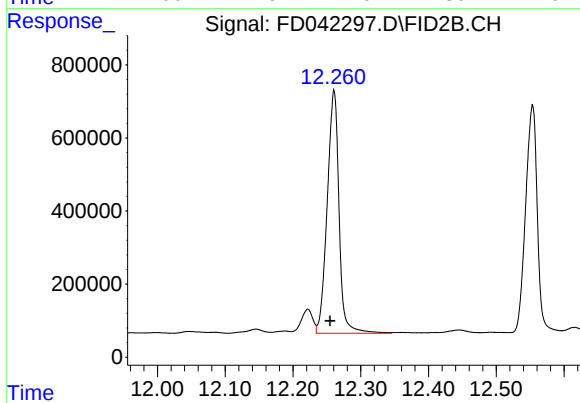
#10 Anthracene (C19.43)

R.T.: 10.532 min
Delta R.T.: -0.005 min
Response: 6688186
Conc: 39.95 ug/ml



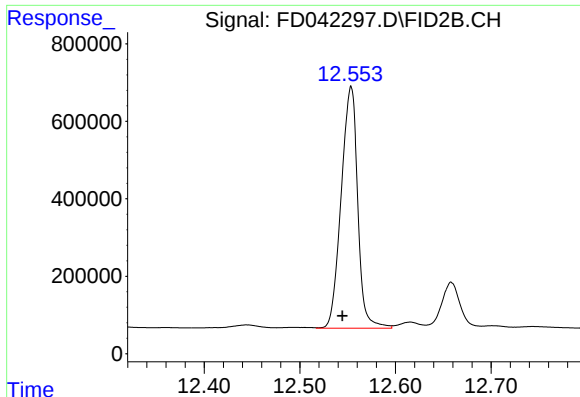
#11 ortho-Terphenyl (SURR)

R.T.: 11.224 min
Delta R.T.: 0.016 min
Response: 6380869
Conc: 36.81 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.260 min
Delta R.T.: 0.005 min
Response: 8070221
Conc: 51.45 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.553 min
Delta R.T.: 0.009 min
Response: 7522816
Conc: 46.12 ug/ml

Instrument :

FID_D

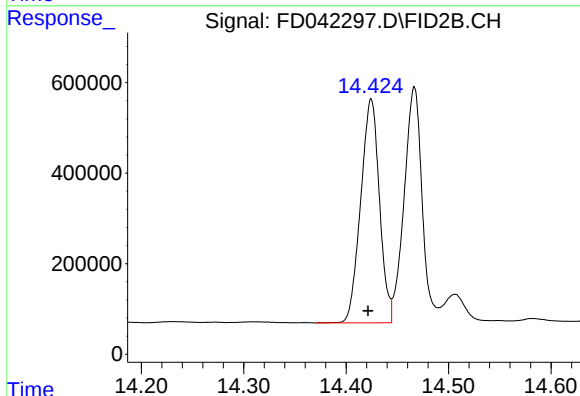
ClientSampleId :

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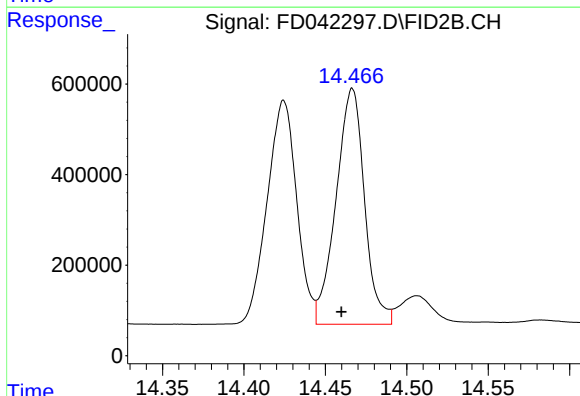
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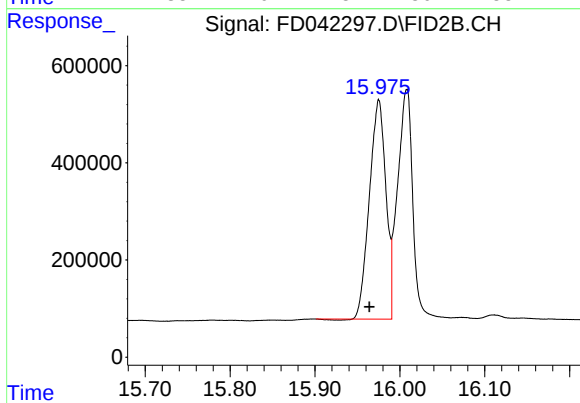
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.424 min
Delta R.T.: 0.003 min
Response: 6288789
Conc: 52.57 ug/ml



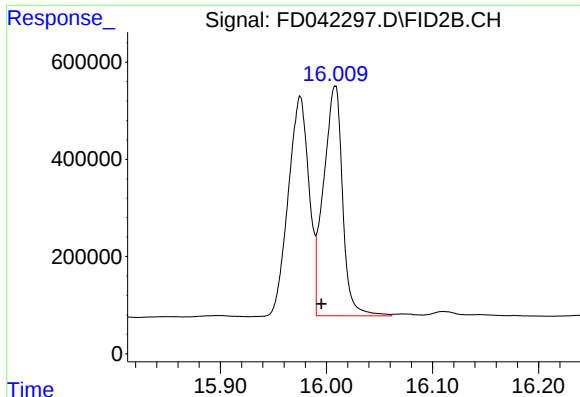
#15 Chrysene (C27.41)

R.T.: 14.466 min
Delta R.T.: 0.007 min
Response: 6340661
Conc: 34.56 ug/ml



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

R.T.: 15.975 min
Delta R.T.: 0.011 min
Response: 6085053
Conc: 46.35 ug/ml



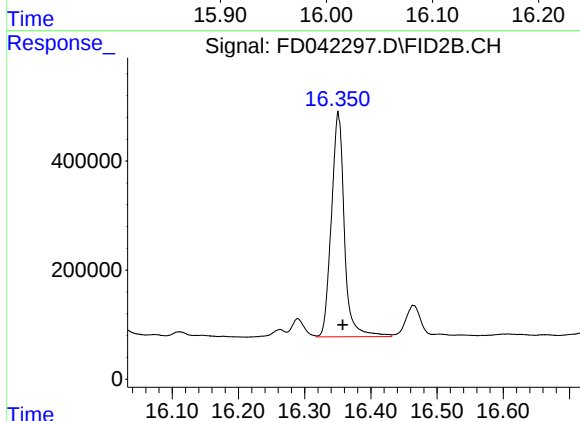
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.008 min
Delta R.T.: 0.012 min
Response: 5903451
Conc: 34.15 ug/ml

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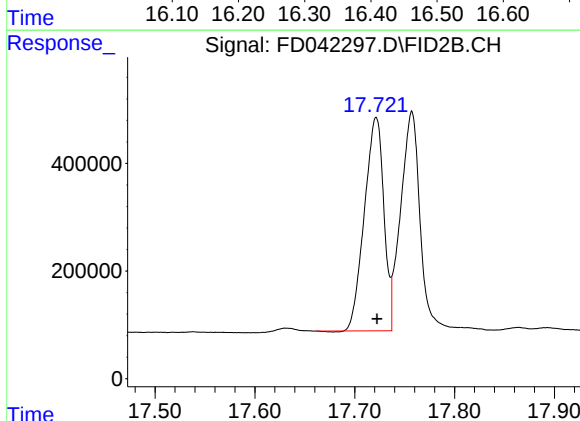
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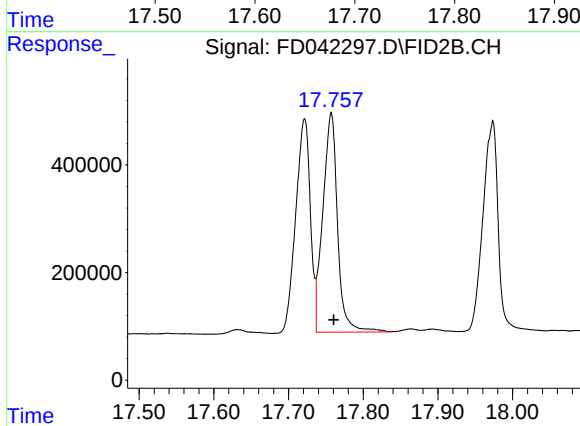
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.351 min
Delta R.T.: -0.007 min
Response: 5602127
Conc: 37.97 ug/ml



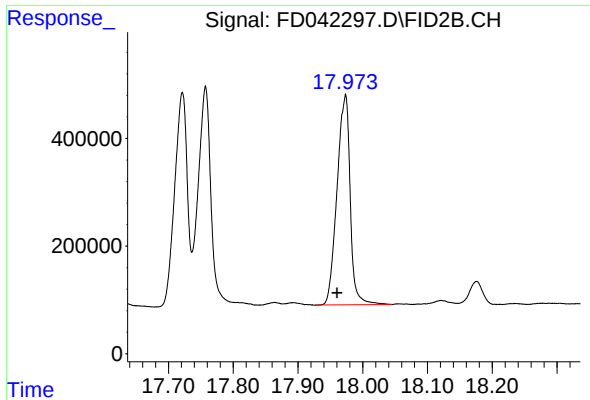
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.721 min
Delta R.T.: -0.001 min
Response: 5367582
Conc: 53.78 ug/ml



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

R.T.: 17.757 min
Delta R.T.: -0.004 min
Response: 5574535
Conc: 35.52 ug/ml



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

R.T.: 17.972 min
Delta R.T.: 0.012 min
Response: 5523020
Conc: 39.88 ug/ml

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