

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011422AR\
 Data File : FD040619.D
 Signal(s) : FID2B.CH
 Acq On : 14 Jan 2022 18:15
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/17/2022
 Supervised By :Ankita Jodhani 01/17/2022

Integration File: autoint1.e
 Quant Time: Jan 14 18:41:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:13:45 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...	6.732	2890323	20.209 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
6) S 2-Fluorobiphenyl (SURR)	7.580	1894028	19.891 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.78%
11) S ortho-Terphenyl (SURR)	10.614	3116775	19.944 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.591	3253975	21.037 ug/ml
2) T Naphthalene (C11.7)	5.082	3371706	21.067 ug/ml
3) T 2-Methylnaphthalene (...)	6.122	3329936	20.514 ug/ml
5) T Acenaphthylene (C15.06)	7.384	3188189	21.209 ug/ml
7) T Acenaphthene (C15.5)	7.678	3477424	21.574 ug/ml
8) T Fluorene (C16.55)	8.453	3063345	19.709 ug/ml
9) T Phenanthrene (C19.36)	9.839	2968915	19.298 ug/ml
10) T Anthracene (C19.43)	9.913	2667209	18.256 ug/ml
12) T Fluoranthene (C21.85)	11.640	2944063	18.960 ug/ml
13) T Pyrene (C20.8)	11.934	3028301	20.062 ug/ml
14) T Benzo[a]anthracene (C...	13.801	2745718	20.697 ug/mlm
15) T Chrysene (C27.41)	13.843	2925747	20.007 ug/mlm
16) T benzo[b]fluoranthene ...	15.345	2841193	20.793 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.377	2956926	21.362 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.719	2686876	20.613 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.081	2686107	22.044 ug/mlm
20) T Dibenz[a,h]anthracene...	17.122	2647513	21.765 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.331	2659882	20.715 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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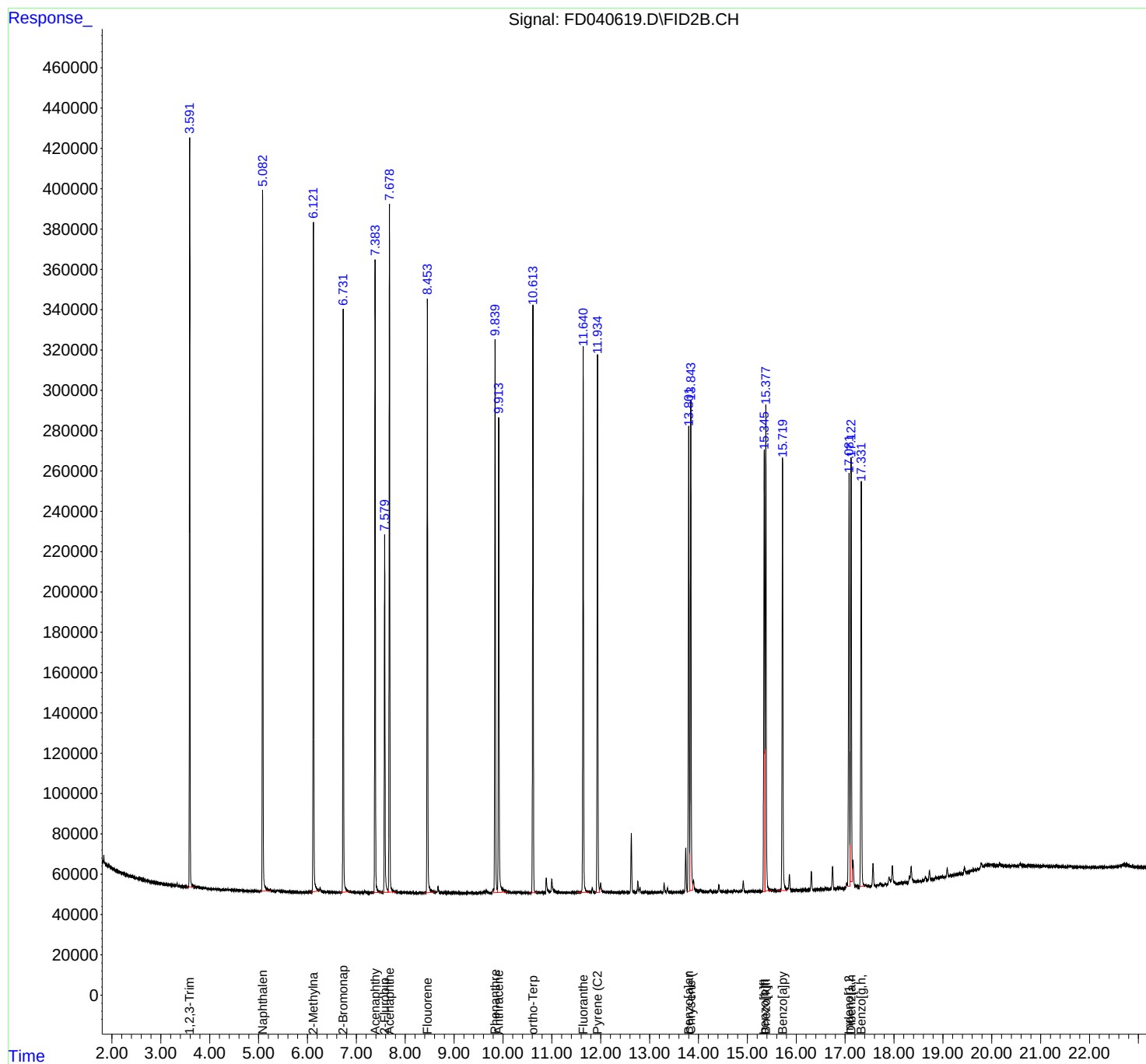
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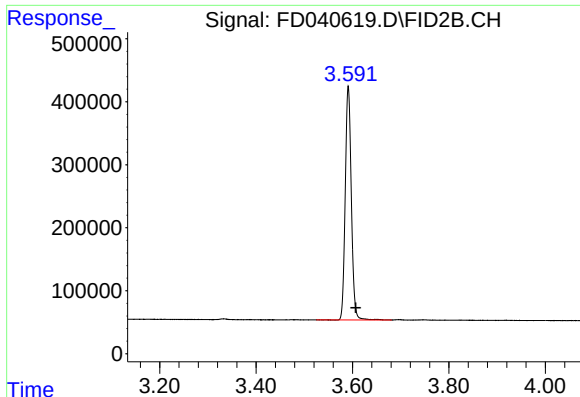
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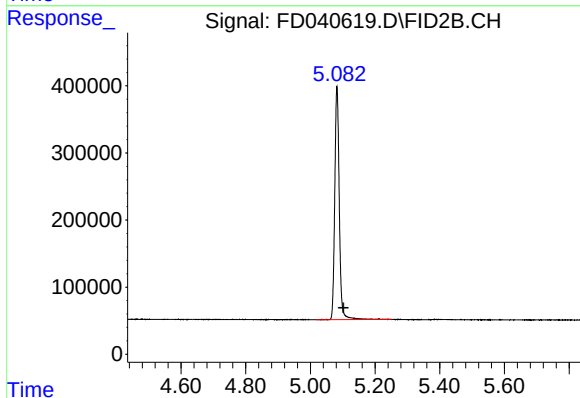
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.591 min
Delta R.T.: -0.016 min
Response: 3253975
Conc: 21.04 ug/ml

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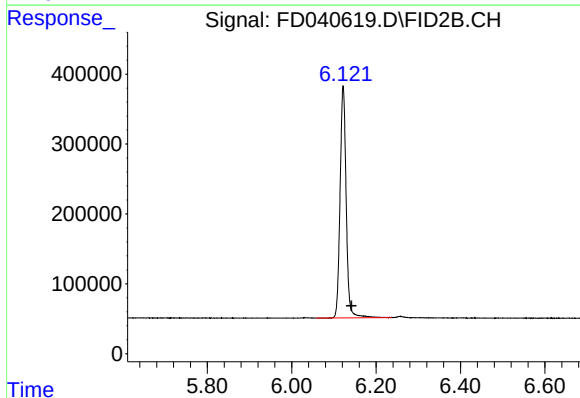
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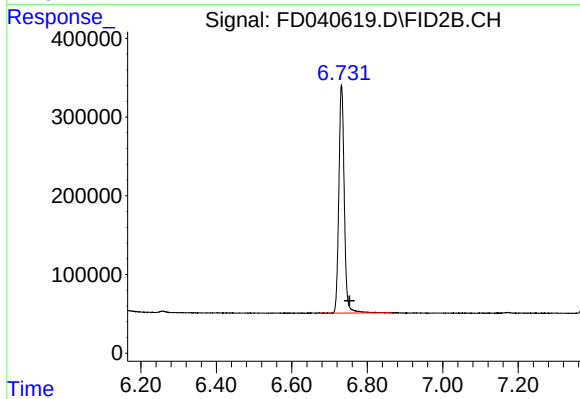
#2 Naphthalene (C11.7)

R.T.: 5.082 min
Delta R.T.: -0.020 min
Response: 3371706
Conc: 21.07 ug/ml



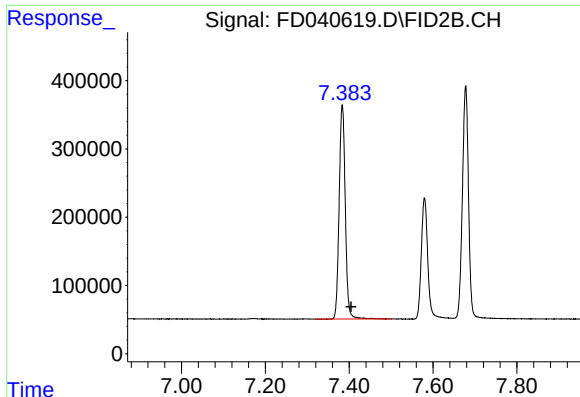
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.122 min
Delta R.T.: -0.020 min
Response: 3329936
Conc: 20.51 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.732 min
Delta R.T.: -0.021 min
Response: 2890323
Conc: 20.21 ug/ml



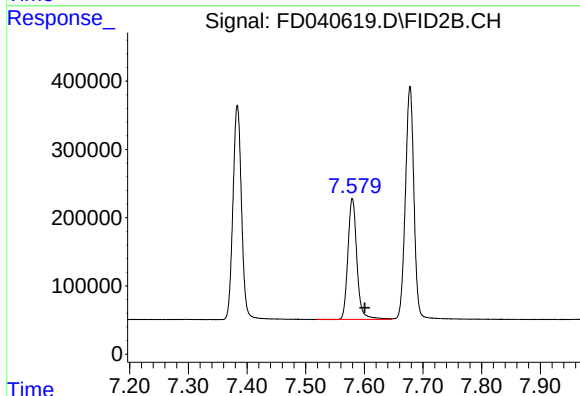
#5 Acenaphthylene (C15.06)

R.T.: 7.384 min
Delta R.T.: -0.021 min
Response: 3188189
Conc: 21.21 ug/ml

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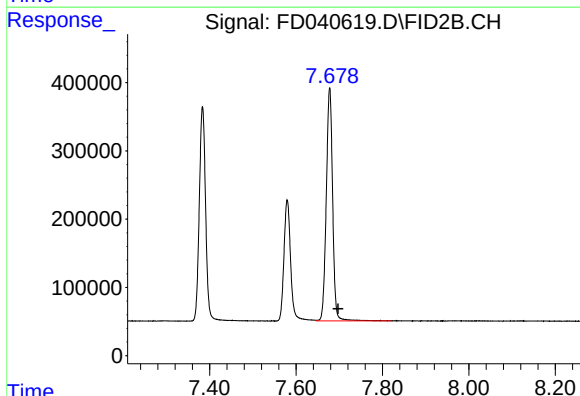
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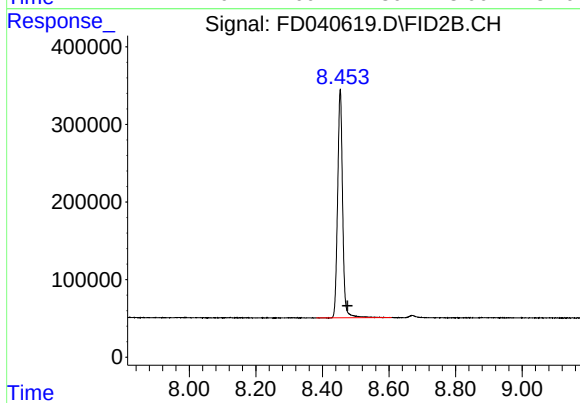
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.580 min
Delta R.T.: -0.021 min
Response: 1894028
Conc: 19.89 ug/ml



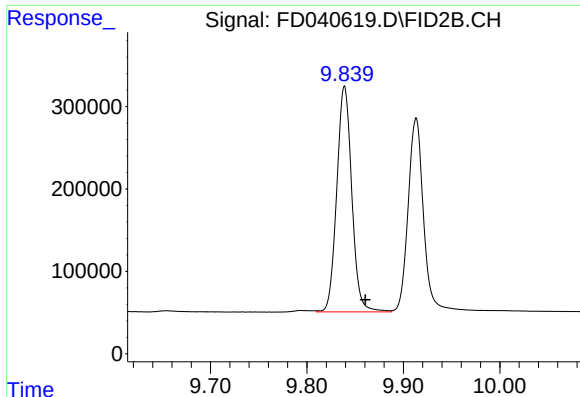
#7 Acenaphthene (C15.5)

R.T.: 7.678 min
Delta R.T.: -0.020 min
Response: 3477424
Conc: 21.57 ug/ml



#8 Flouorene (C16.55)

R.T.: 8.453 min
Delta R.T.: -0.021 min
Response: 3063345
Conc: 19.71 ug/ml



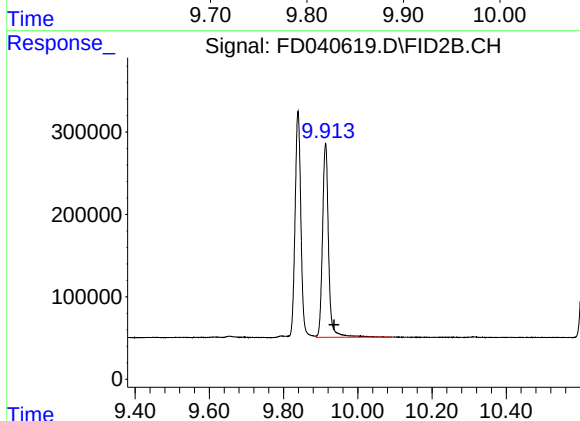
#9 Phenanthrene (C19.36)

R.T.: 9.839 min
Delta R.T.: -0.021 min
Response: 2968915
Conc: 19.30 ug/ml

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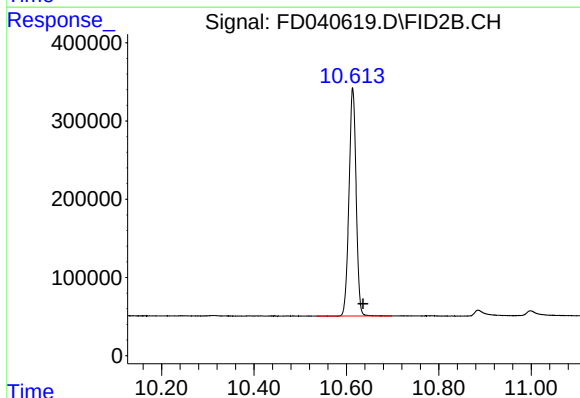
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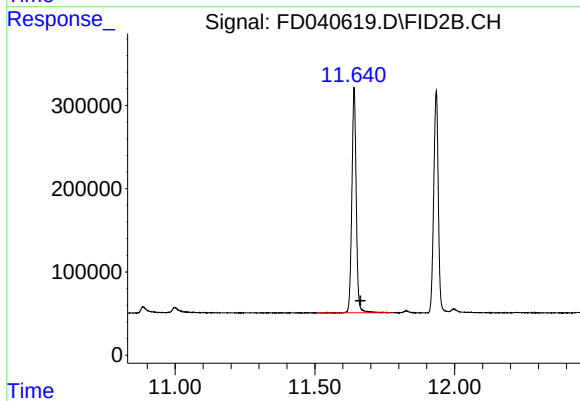
#10 Anthracene (C19.43)

R.T.: 9.913 min
Delta R.T.: -0.023 min
Response: 2667209
Conc: 18.26 ug/ml



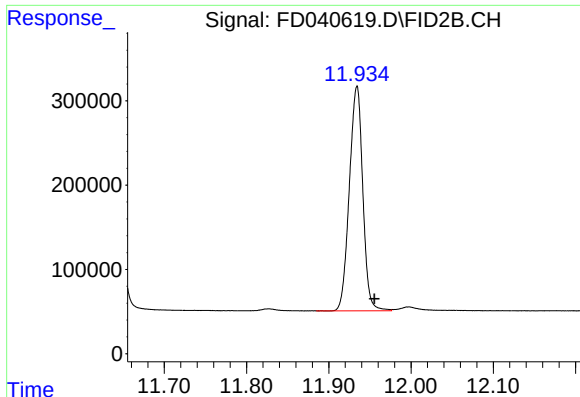
#11 ortho-Terphenyl (SURR)

R.T.: 10.614 min
Delta R.T.: -0.022 min
Response: 3116775
Conc: 19.94 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.640 min
Delta R.T.: -0.022 min
Response: 2944063
Conc: 18.96 ug/ml



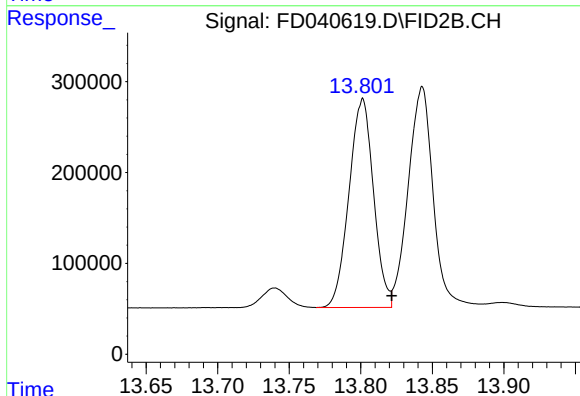
#13 Pyrene (C20.8)

R.T.: 11.934 min
Delta R.T.: -0.022 min
Response: 3028301
Conc: 20.06 ug/ml

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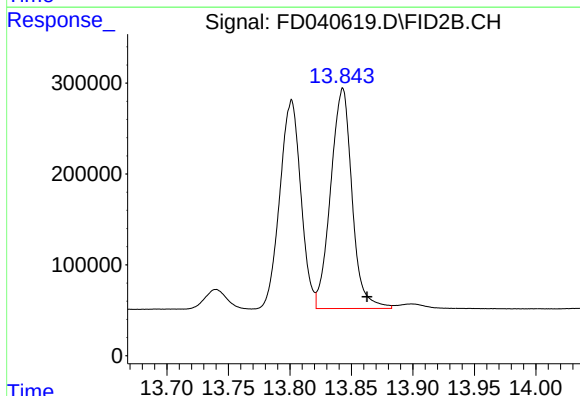
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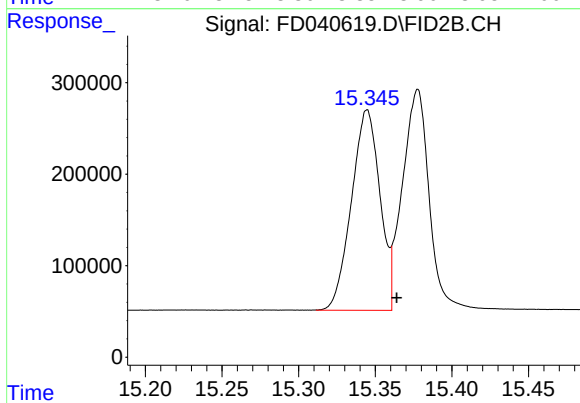
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.801 min
Delta R.T.: -0.021 min
Response: 2745718
Conc: 20.70 ug/ml m



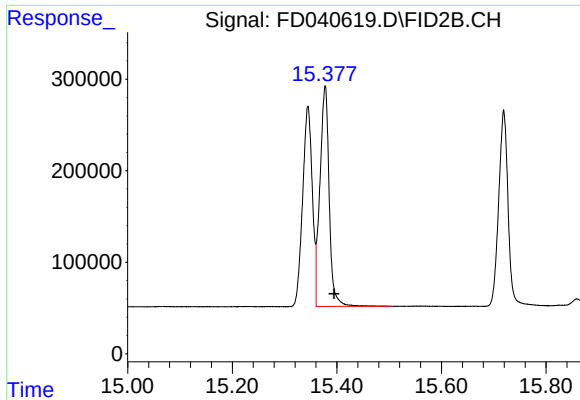
#15 Chrysene (C27.41)

R.T.: 13.843 min
Delta R.T.: -0.020 min
Response: 2925747
Conc: 20.01 ug/ml m



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

R.T.: 15.345 min
Delta R.T.: -0.019 min
Response: 2841193
Conc: 20.79 ug/ml m



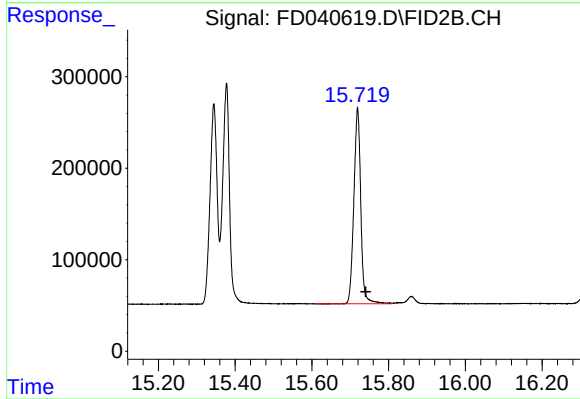
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.377 min
Delta R.T.: -0.018 min
Response: 2956926
Conc: 21.36 ug/ml

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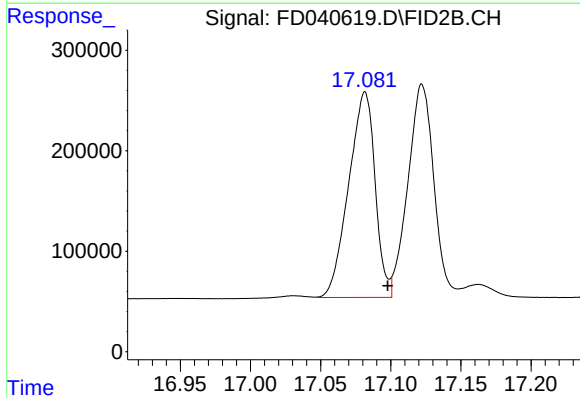
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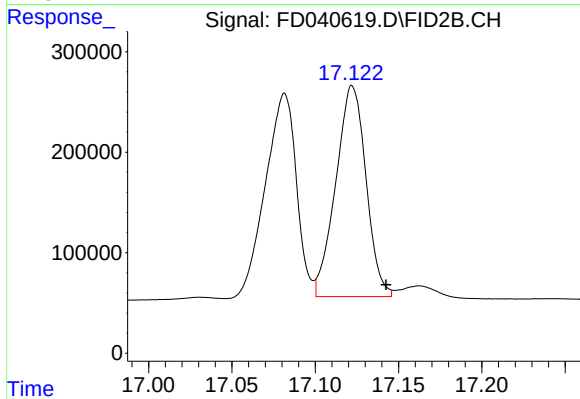
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.719 min
Delta R.T.: -0.022 min
Response: 2686876
Conc: 20.61 ug/ml



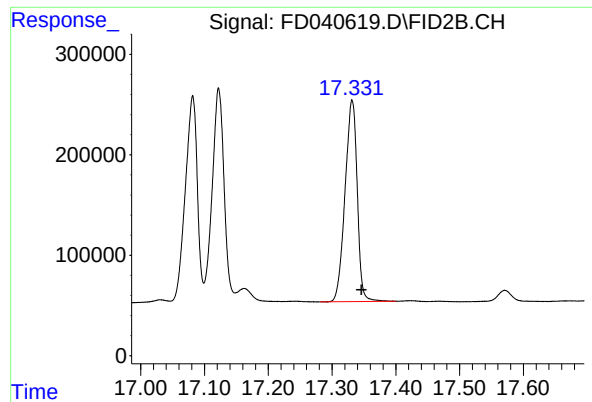
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.081 min
Delta R.T.: -0.017 min
Response: 2686107
Conc: 22.04 ug/ml m



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

R.T.: 17.122 min
Delta R.T.: -0.021 min
Response: 2647513
Conc: 21.77 ug/ml m



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

R.T.: 17.331 min
Delta R.T.: -0.016 min
Response: 2659882
Conc: 20.71 ug/ml

Instrument :

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