

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062322AR\
 Data File : FD043019.D
 Signal(s) : FID2B.CH
 Acq On : 23 Jun 2022 21:39
 Operator : UA/NP
 Sample : N3422-05MS 10X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-14A-1A-12-GRMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2022
 Supervised By :Ankita Jodhani 06/24/2022

Integration File: autoint1.e
 Quant Time: Jun 24 02:20:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 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...	7.644	767887	5.025 ug/mlm
Spiked Amount 50.000		Recovery =	10.05%
6) S 2-Fluorobiphenyl (SURR)	8.509	455915	4.433 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.87%
11) S ortho-Terphenyl (SURR)	11.558	874455	4.926 ug/ml
Spiked Amount 50.000		Recovery =	9.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.436	503076	3.005 ug/mlm
2) T Naphthalene (C11.7)	5.980	668458	3.866 ug/ml
3) T 2-Methylnaphthalene (...)	7.033	714726	4.482 ug/ml
5) T Acenaphthylene (C15.06)	8.311	762820	4.415 ug/mlm
7) T Acenaphthene (C15.5)	8.608	797047	4.632 ug/ml
8) T Flouorene (C16.55)	9.390	852561	5.078 ug/ml
9) T Phenanthrene (C19.36)	10.791	766051	4.659 ug/mlm
10) T Anthracene (C19.43)	10.865	788131	5.157 ug/ml
12) T Fluoranthene (C21.85)	12.606	843494	5.354 ug/ml
13) T Pyrene (C20.8)	12.904	871285	5.596 ug/ml
14) T Benzo[a]anthracene (C...	14.779	772543	5.794 ug/mlm
15) T Chrysene (C27.41)	14.821	926141	7.010 ug/mlm
16) T benzo[b]fluoranthene ...	16.332	809233	6.075 ug/ml
17) T Bnezo[k]fluoranthene ...	16.363	755093	6.096 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.711	686814	5.549 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.077	699633	6.277 ug/ml
20) T Dibenz[a,h]anthracene...	18.117	691492	6.216 ug/ml
21) T Benzo[g,h,i]perylene ...	18.331	655529	5.515 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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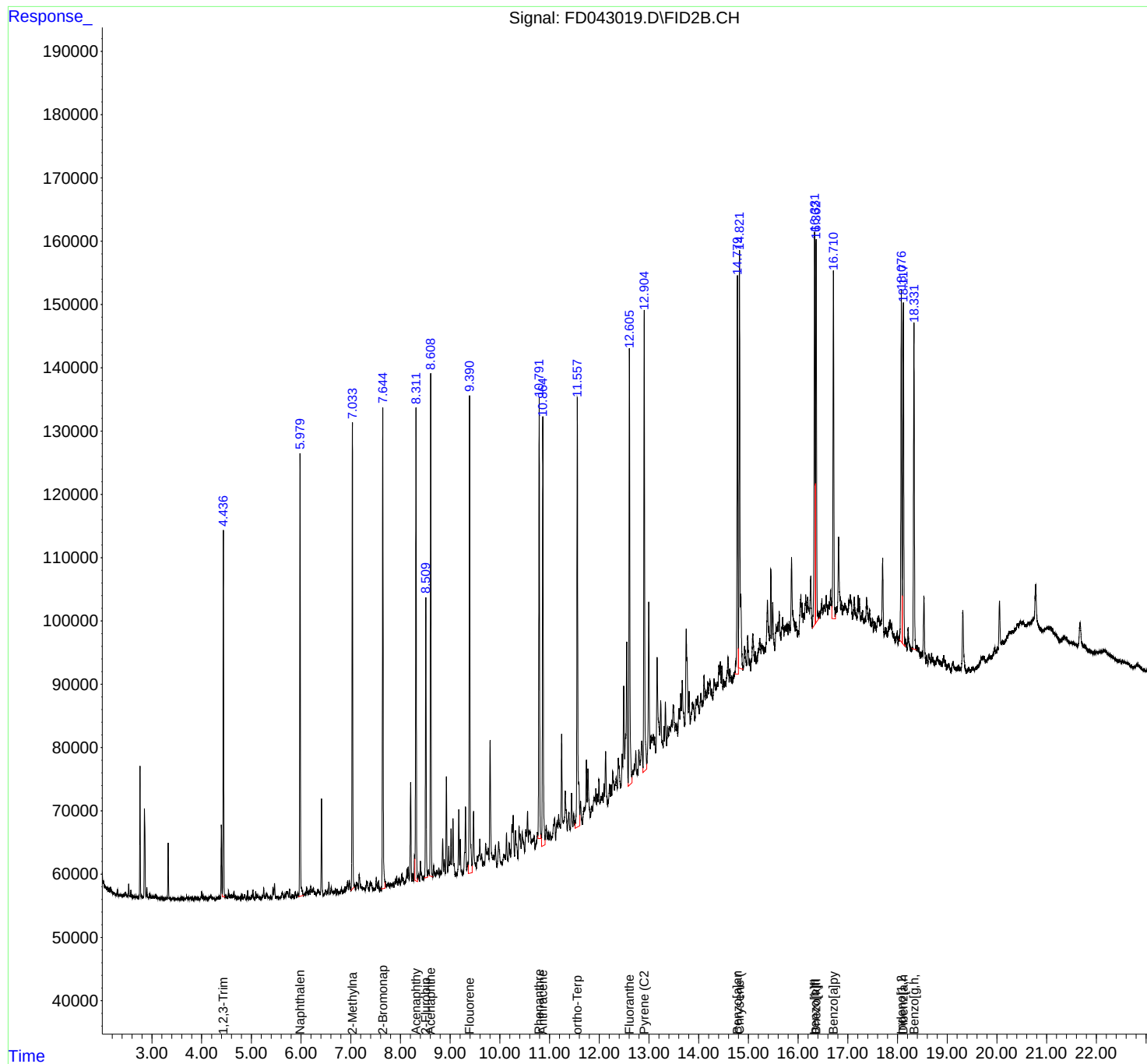
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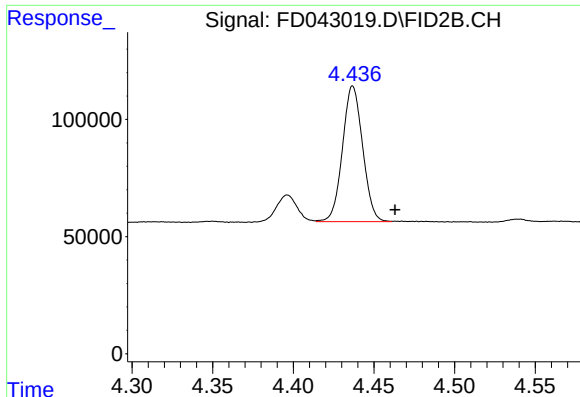
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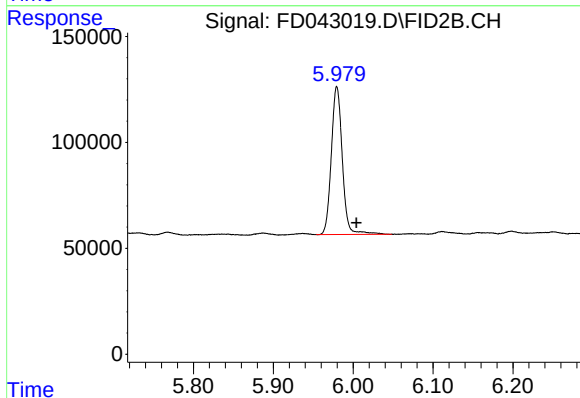
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.436 min
Delta R.T.: -0.027 min
Response: 503076
Conc: 3.00 ug/ml

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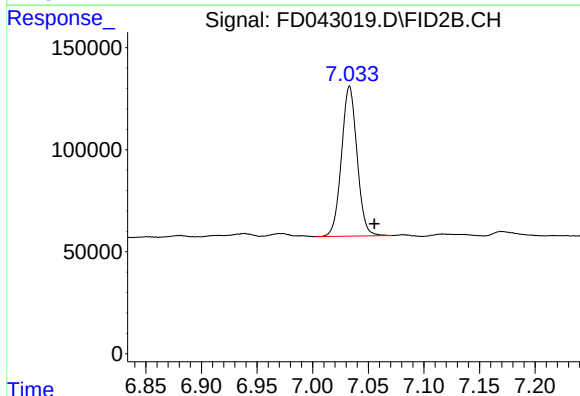
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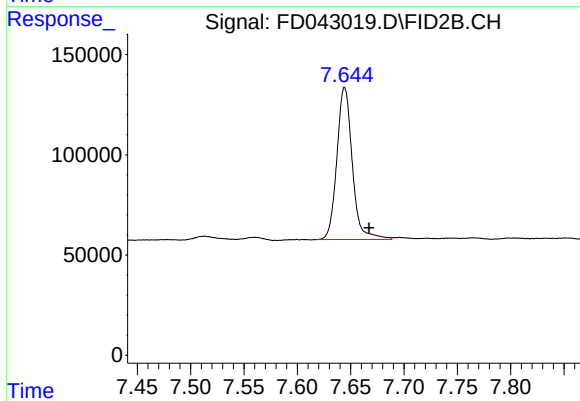
#2 Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: -0.024 min
Response: 668458
Conc: 3.87 ug/ml



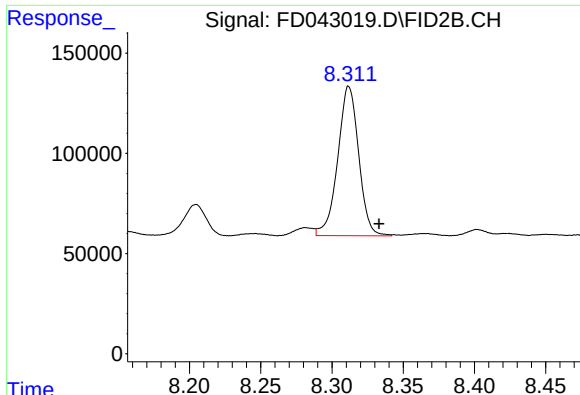
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.033 min
Delta R.T.: -0.022 min
Response: 714726
Conc: 4.48 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.644 min
Delta R.T.: -0.024 min
Response: 767887
Conc: 5.03 ug/ml m



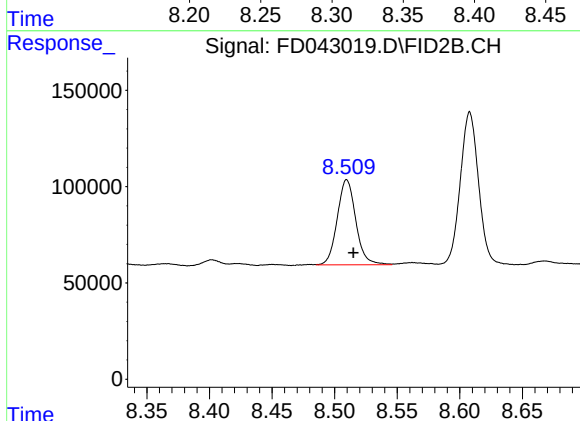
#5 Acenaphthylene (C15.06)

R.T.: 8.311 min
Delta R.T.: -0.022 min
Response: 762820
Conc: 4.42 ug/ml

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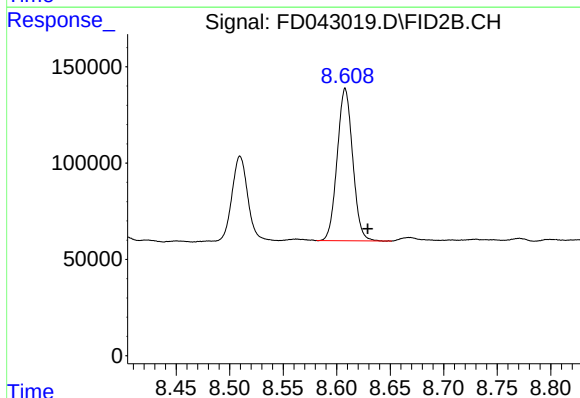
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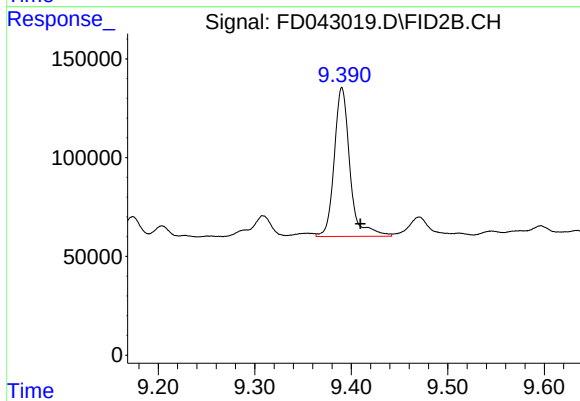
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.509 min
Delta R.T.: -0.006 min
Response: 455915
Conc: 4.43 ug/ml m



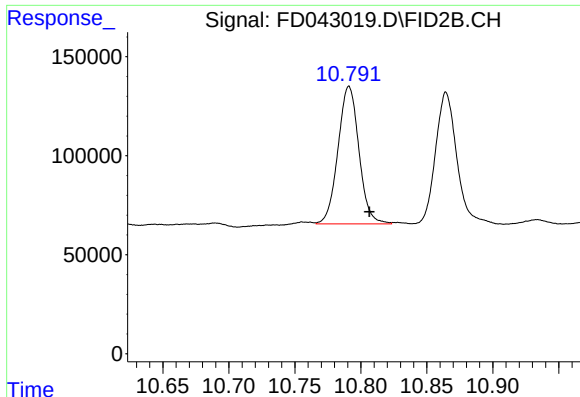
#7 Acenaphthene (C15.5)

R.T.: 8.608 min
Delta R.T.: -0.021 min
Response: 797047
Conc: 4.63 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.390 min
Delta R.T.: -0.019 min
Response: 852561
Conc: 5.08 ug/ml



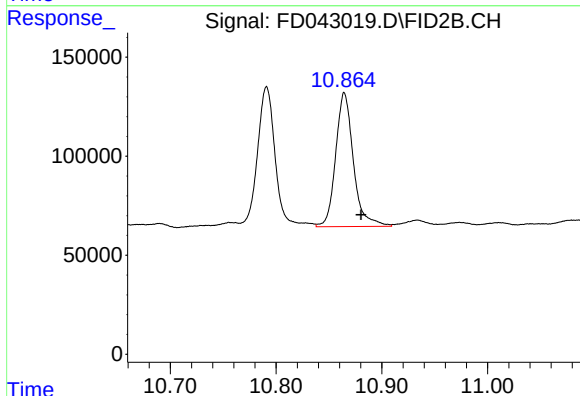
#9 Phenanthrene (C19.36)

R.T.: 10.791 min
Delta R.T.: -0.016 min
Response: 766051
Conc: 4.66 ug/ml

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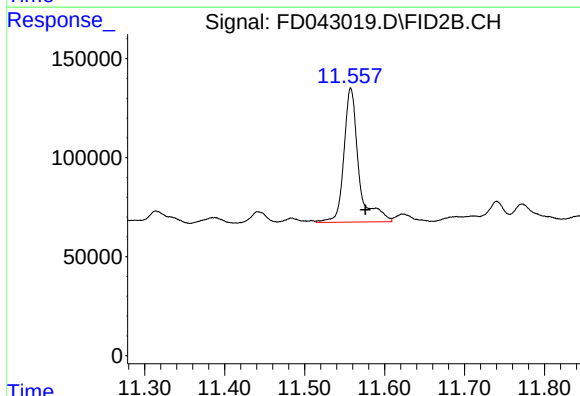
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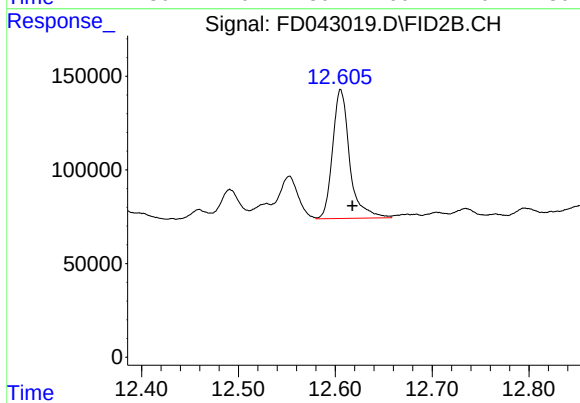
#10 Anthracene (C19.43)

R.T.: 10.865 min
Delta R.T.: -0.016 min
Response: 788131
Conc: 5.16 ug/ml



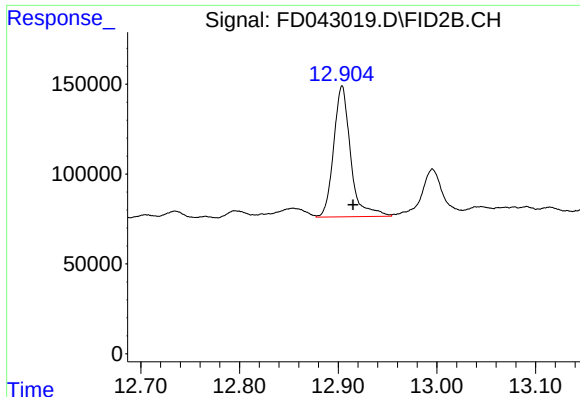
#11 ortho-Terphenyl (SURR)

R.T.: 11.558 min
Delta R.T.: -0.018 min
Response: 874455
Conc: 4.93 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.606 min
Delta R.T.: -0.012 min
Response: 843494
Conc: 5.35 ug/ml



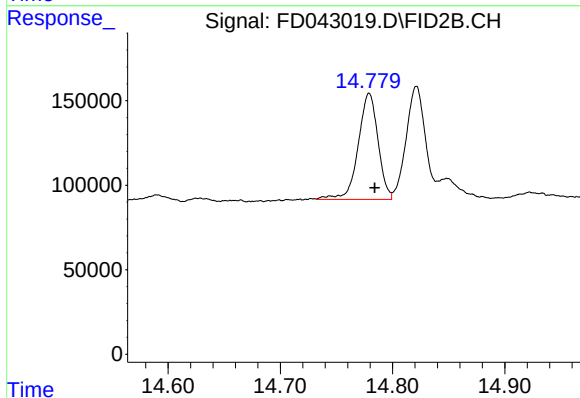
#13 Pyrene (C20.8)

R.T.: 12.904 min
Delta R.T.: -0.011 min
Response: 871285
Conc: 5.60 ug/ml

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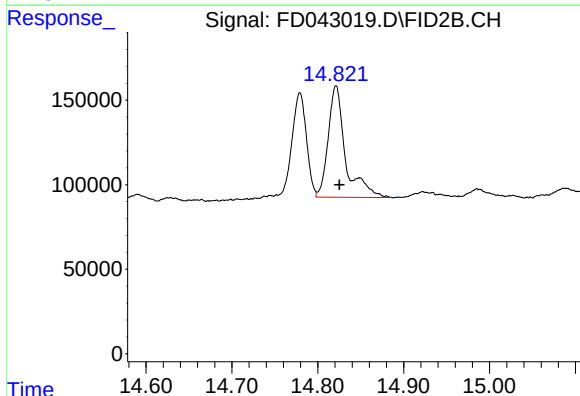
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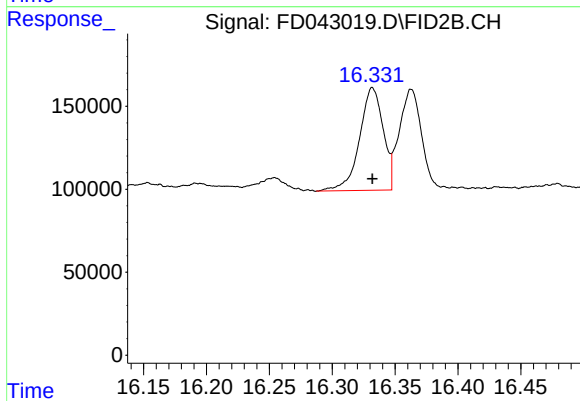
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.779 min
Delta R.T.: -0.006 min
Response: 772543
Conc: 5.79 ug/ml m



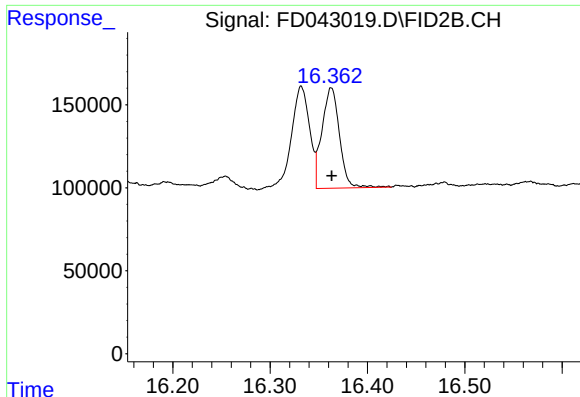
#15 Chrysene (C27.41)

R.T.: 14.821 min
Delta R.T.: -0.004 min
Response: 926141
Conc: 7.01 ug/ml m



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

R.T.: 16.332 min
Delta R.T.: 0.000 min
Response: 809233
Conc: 6.07 ug/ml



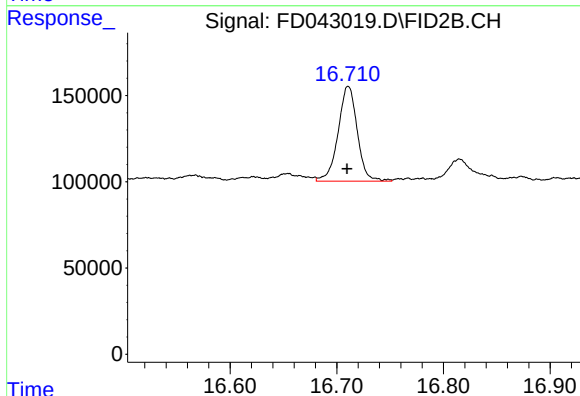
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.363 min
Delta R.T.: 0.000 min
Response: 755093
Conc: 6.10 ug/ml

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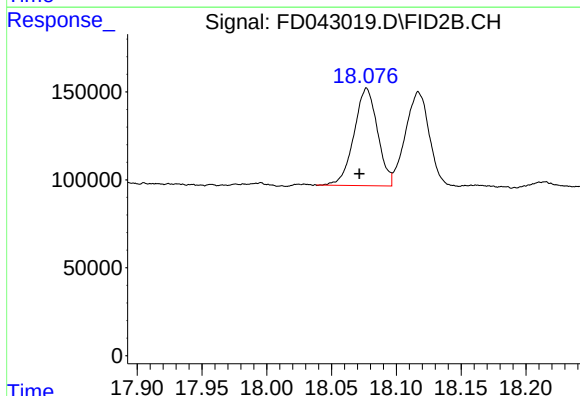
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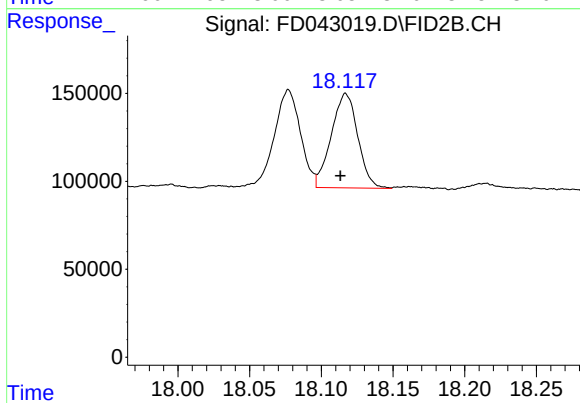
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.711 min
Delta R.T.: 0.001 min
Response: 686814
Conc: 5.55 ug/ml



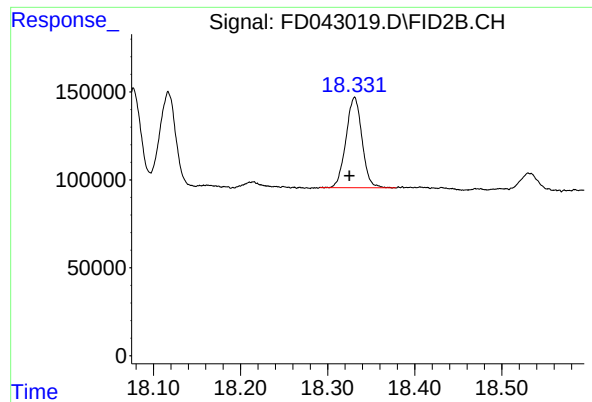
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.077 min
Delta R.T.: 0.006 min
Response: 699633
Conc: 6.28 ug/ml



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

R.T.: 18.117 min
Delta R.T.: 0.004 min
Response: 691492
Conc: 6.22 ug/ml



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

R.T.: 18.331 min
Delta R.T.: 0.006 min
Response: 655529
Conc: 5.52 ug/ml

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