Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010421AR\
Data File : FD035879.D
Signal(s) : FID2B.CH
Acq On : 04 Jan 2021 18:46
Operator : DD\AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

Manual Integrations APPROVED
Ankita
1/5/2021 11:12:31 AM

Integration File: autoint1.e
Quant Time: Jan 05 02:28:59 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122120.M
Quant Title : GC Extractables
QLast Update : Tue Dec 22 09:21:33 2020
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...	7.581	2236223	20.491 ug/ml
Spiked Amount	50.000		Recovery =	40.98%
6) S	2-Flurobiphenyl (SURR)	8.449	1379400	19.869 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	39.74%
11) S	ortho-Terphenyl (SURR)	11.476	2590107	20.039 ug/ml
Spiked Amount	50.000		Recovery =	40.08%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.382	2559163	20.540 ug/ml
2) T	Naphthalene (C11.7)	5.921	2593127	20.518 ug/ml
3) T	2-Methylnaphthalene (...	6.972	2621444	20.725 ug/ml
5) T	Acenaphthylene (C15.06)	8.245	2516579	19.893 ug/ml
7) T	Acenaphthene (C15.5)	8.539	2763759	20.376 ug/ml
8) T	Flouorene (C16.55)	9.323	2456654	20.003 ug/ml
9) T	Phenanthrene (C19.36)	10.720	2420970	19.850 ug/ml
10) T	Anthracene (C19.43)	10.798	2303864	18.409 ug/ml
12) T	Fluoranthene (C21.85)	12.533	2409641	19.773 ug/ml
13) T	Pyrene (C20.8)	12.828	2394043	19.567 ug/ml
14) T	Benzo[a]anthracene (C...	14.703	1960623	19.941 ug/mlm
15) T	Chrysene (C27.41)	14.746	2378136	19.408 ug/ml
16) T	benzo[b]fluoranthene ...	16.257	2051255	21.539 ug/mlm
17) T	Bnezo[k]fluoranthene ...	16.287	2192723	19.908 ug/mlm
18) T	Benzo[a]pyrene (C31.34)	16.643	1974369	21.686 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	18.010	1845899	22.797 ug/mlm
20) T	Dibenz[a,h]anthracene...	18.043	2414112	22.593 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.262	2087598	22.580 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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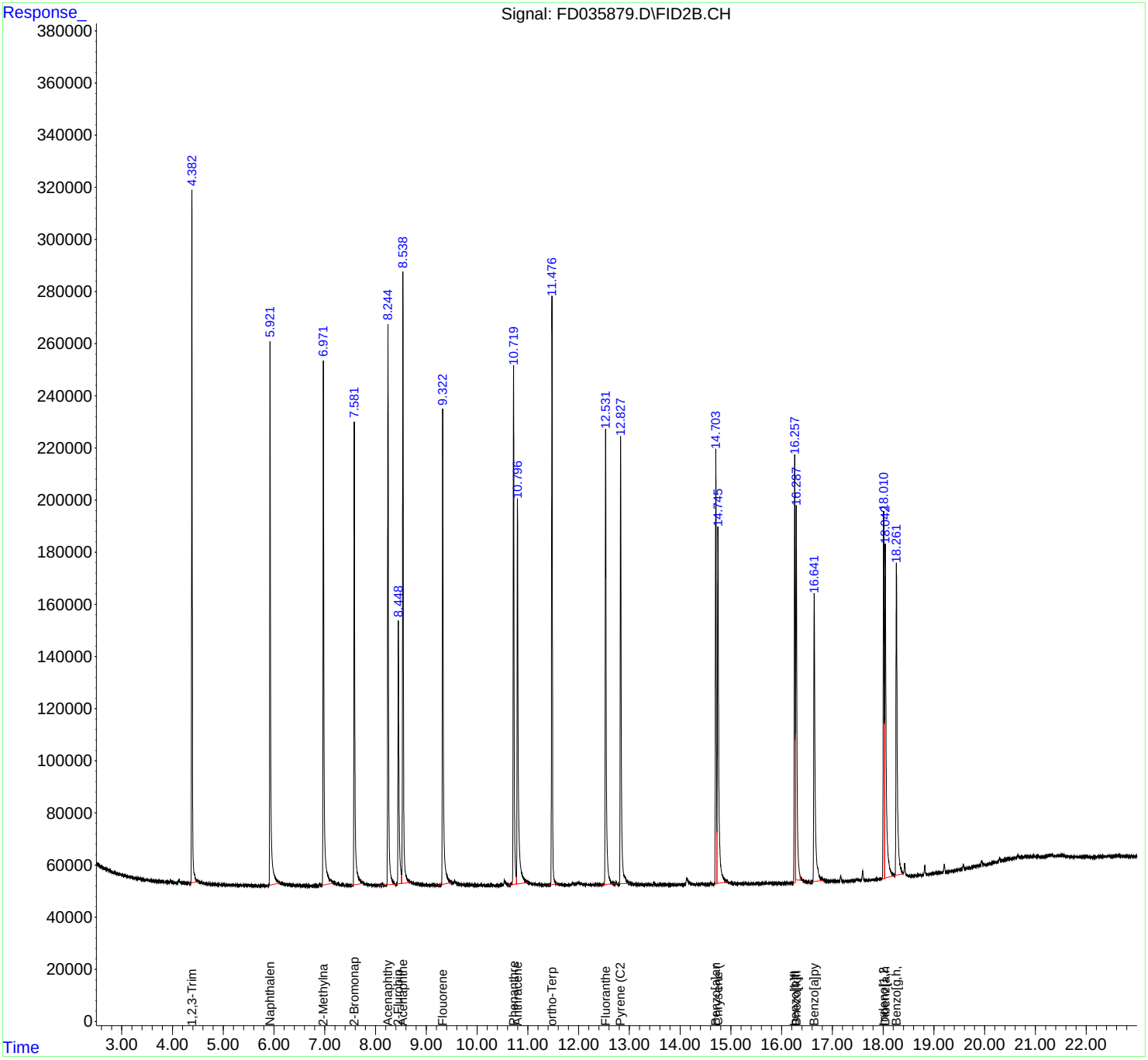

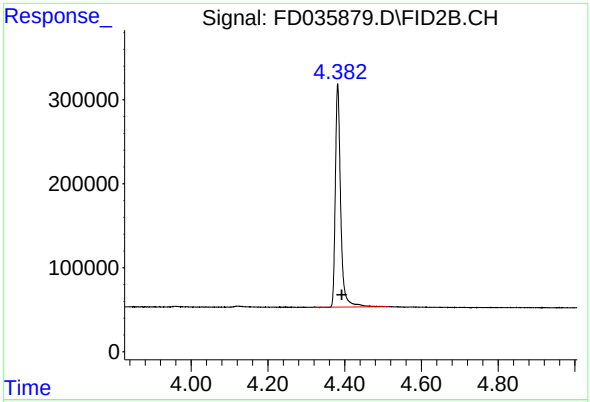

#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.382 min
Delta R.T.: -0.010 min
Response: 2559163
Conc: 20.54 ug/ml

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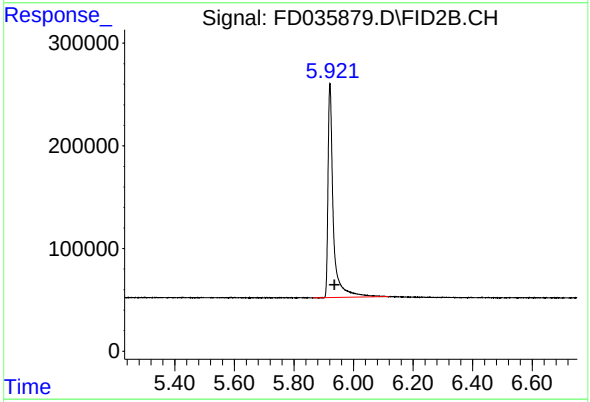
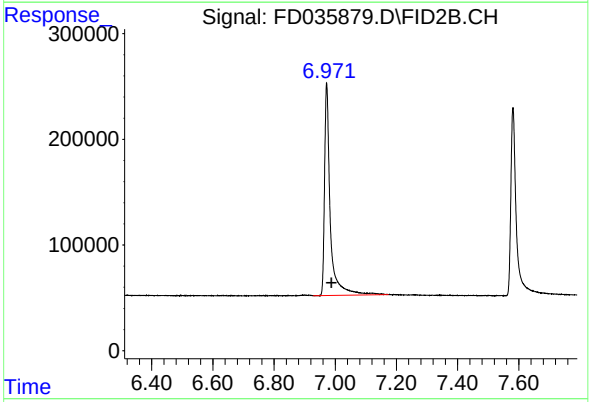


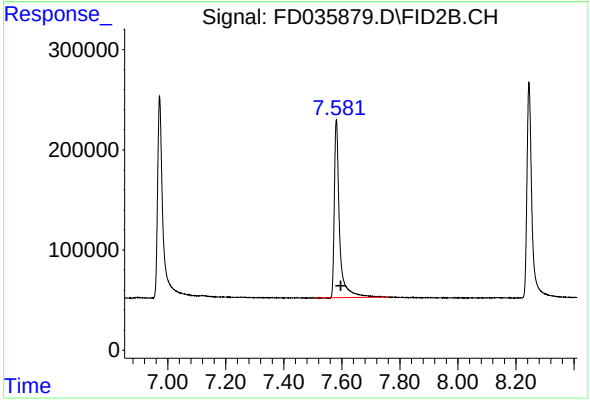
#2 Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: -0.015 min
Response: 2593127
Conc: 20.52 ug/ml



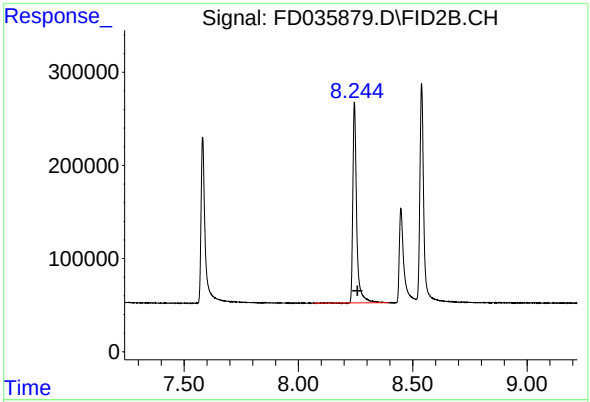
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.972 min
Delta R.T.: -0.016 min
Response: 2621444
Conc: 20.72 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.581 min
Delta R.T.: -0.015 min
Response: 2236223
Conc: 20.49 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.245 min
Delta R.T.: -0.013 min
Response: 2516579
Conc: 19.89 ug/ml

Instrument :
FID_D
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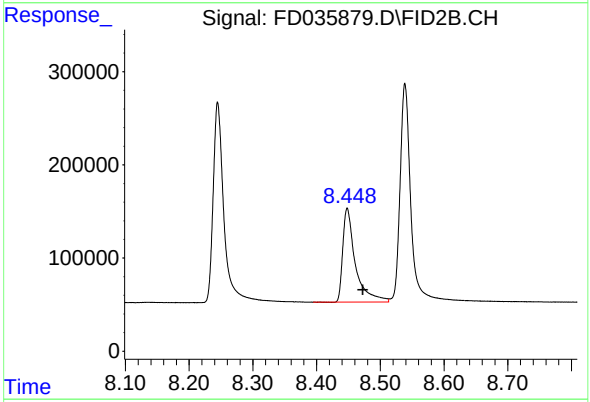
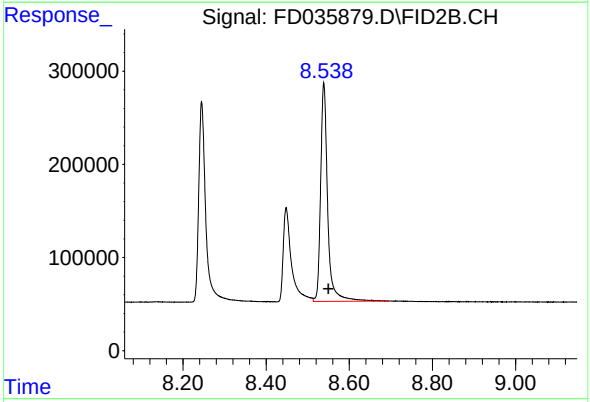


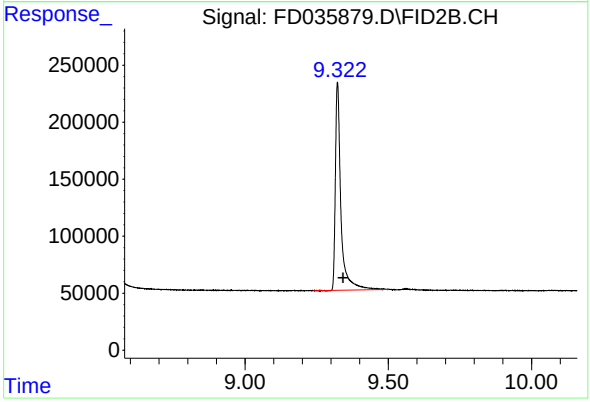
#6 2-Flurobiphenyl (SURR)

R.T.: 8.449 min
Delta R.T.: -0.024 min
Response: 1379400
Conc: 19.87 ug/ml



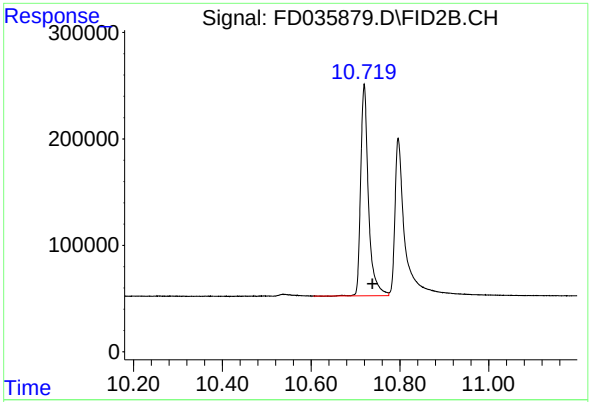
#7 Acenaphthene (C15.5)

R.T.: 8.539 min
Delta R.T.: -0.011 min
Response: 2763759
Conc: 20.38 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.323 min
Delta R.T.: -0.019 min
Response: 2456654
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.720 min
Delta R.T.: -0.018 min
Response: 2420970
Conc: 19.85 ug/ml

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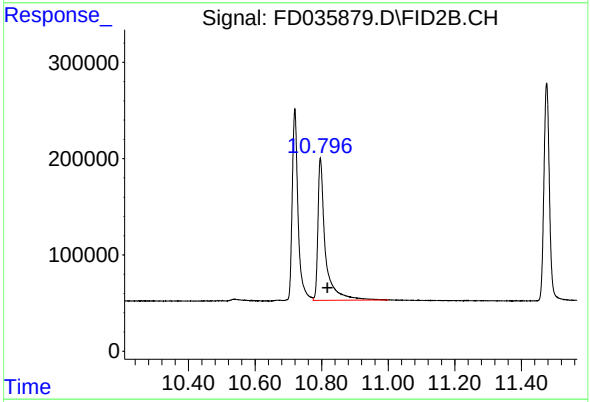
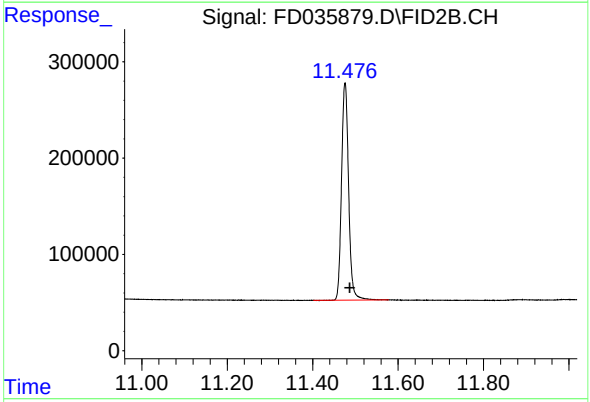


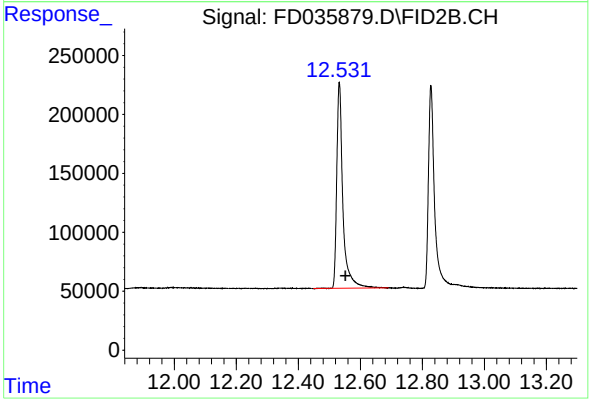
#10 Anthracene (C19.43)

R.T.: 10.798 min
Delta R.T.: -0.020 min
Response: 2303864
Conc: 18.41 ug/ml



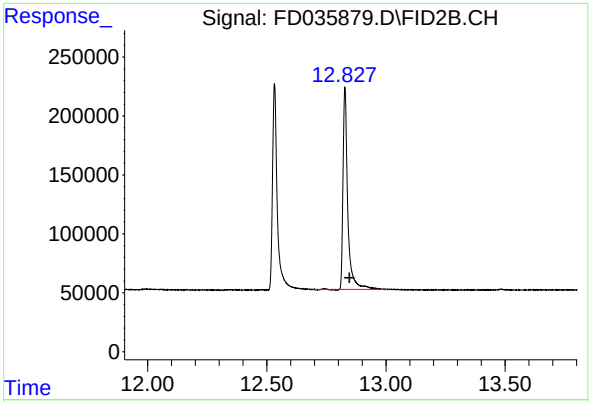
#11 ortho-Terphenyl (SURR)

R.T.: 11.476 min
Delta R.T.: -0.011 min
Response: 2590107
Conc: 20.04 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.533 min
Delta R.T.: -0.019 min
Response: 2409641
Conc: 19.77 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.828 min
Delta R.T.: -0.018 min
Response: 2394043
Conc: 19.57 ug/ml

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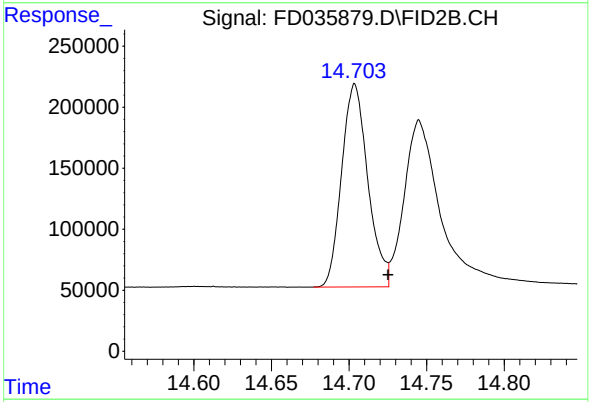
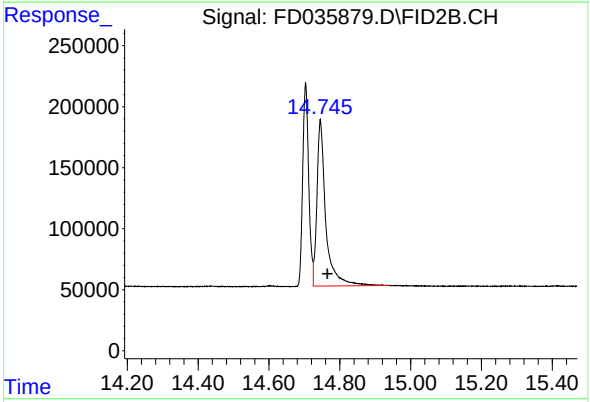


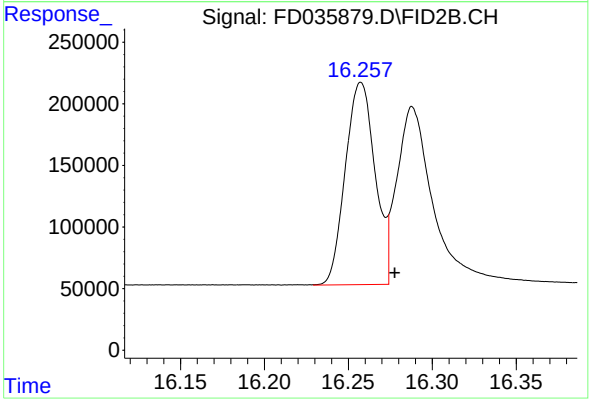
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.703 min
Delta R.T.: -0.022 min
Response: 1960623
Conc: 19.94 ug/ml m



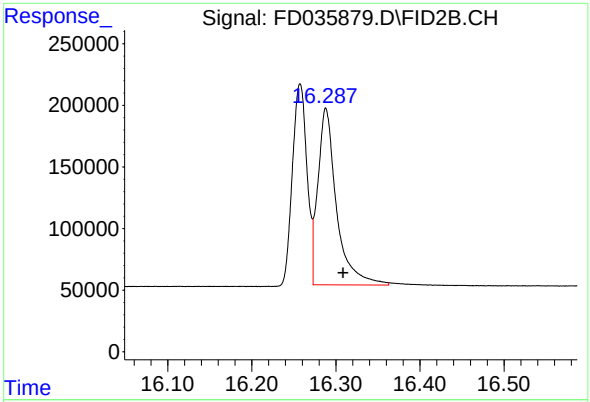
#15 Chrysene (C27.41)

R.T.: 14.746 min
Delta R.T.: -0.019 min
Response: 2378136
Conc: 19.41 ug/ml



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

R.T.: 16.257 min
Delta R.T.: -0.020 min
Response: 2051255
Conc: 21.54 ug/ml m



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

R.T.: 16.287 min
Delta R.T.: -0.021 min
Response: 2192723
Conc: 19.91 ug/ml m

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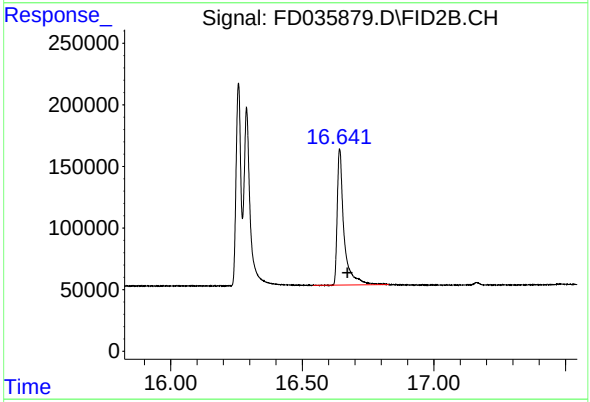
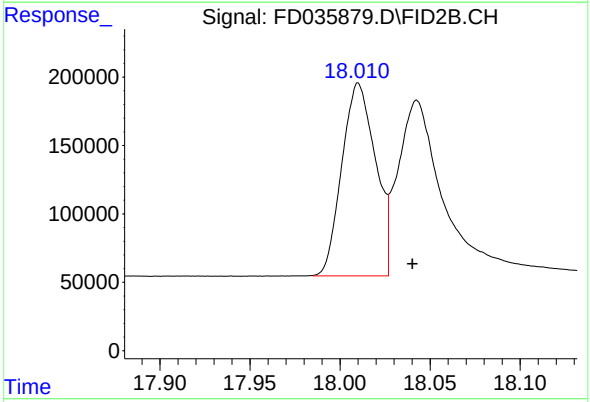


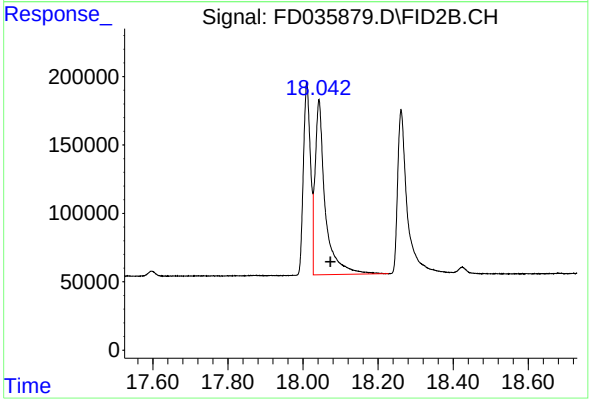
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.643 min
Delta R.T.: -0.029 min
Response: 1974369
Conc: 21.69 ug/ml



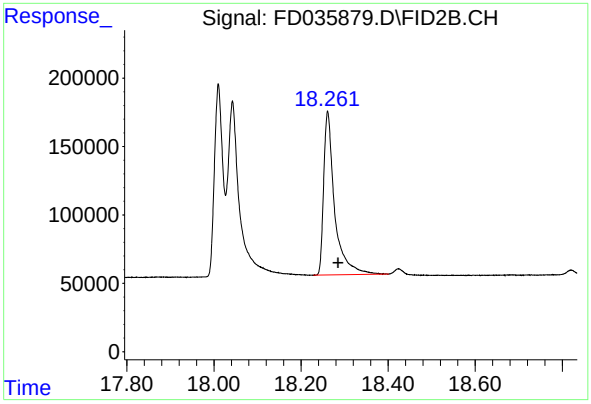
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.010 min
Delta R.T.: -0.031 min
Response: 1845899
Conc: 22.80 ug/ml m



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

R.T.: 18.043 min
Delta R.T.: -0.031 min
Response: 2414112
Conc: 22.59 ug/ml



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

R.T.: 18.262 min
Delta R.T.: -0.023 min
Response: 2087598
Conc: 22.58 ug/ml

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