

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052020AR\
 Data File : FD033559.D
 Signal(s) : FID2B.CH
 Acq On : 20 May 2020 15:02
 Operator : DD\AJ
 Sample : L2182-02
 Misc : LOQ-SOIL-5 PPM
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2020

Manual Integrations
 APPROVED

Sohil
 5/27/2020 11:13:00 AM

Integration File: autoint1.e
 Quant Time: May 21 05:58:47 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 09:14:43 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...	7.578	5060995	48.671 ug/ml
Spiked Amount 50.000		Recovery =	97.34%
6) S 2-Fluorobiphenyl (SURR)	8.439	3409794	49.333 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	98.67%
11) S ortho-Terphenyl (SURR)	11.471	6307753	48.109 ug/ml
Spiked Amount 50.000		Recovery =	96.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.388	406062	3.562 ug/mlm
2) T Naphthalene (C11.7)	5.922	459041	3.981 ug/mlm
3) T 2-Methylnaphthalene (...)	6.970	490764	4.132 ug/mlm
5) T Acenaphthylene (C15.06)	8.241	494656	4.038 ug/ml
7) T Acenaphthene (C15.5)	8.533	533105	4.128 ug/mlm
8) T Flouorene (C16.55)	9.314	477009	4.016 ug/mlm
9) T Phenanthrene (C19.36)	10.707	482462	3.933 ug/mlm
10) T Anthracene (C19.43)	10.783	473982	3.894 ug/mlm
12) T Fluoranthene (C21.85)	12.516	497427	3.946 ug/mlm
13) T Pyrene (C20.8)	12.813	501883	4.118 ug/mlm
14) T Benzo[a]anthracene (C...	14.685	423299	3.757 ug/mlm
15) T Chrysene (C27.41)	14.725	544712	4.190 ug/mlm
16) T benzo[b]fluoranthene ...	16.236	439364	3.848 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.268	488426	3.925 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.620	405831	3.461 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.990	389120	3.812 ug/mlm
20) T Dibenz[a,h]anthracene...	18.025	465196	3.854 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.239	437291	3.925 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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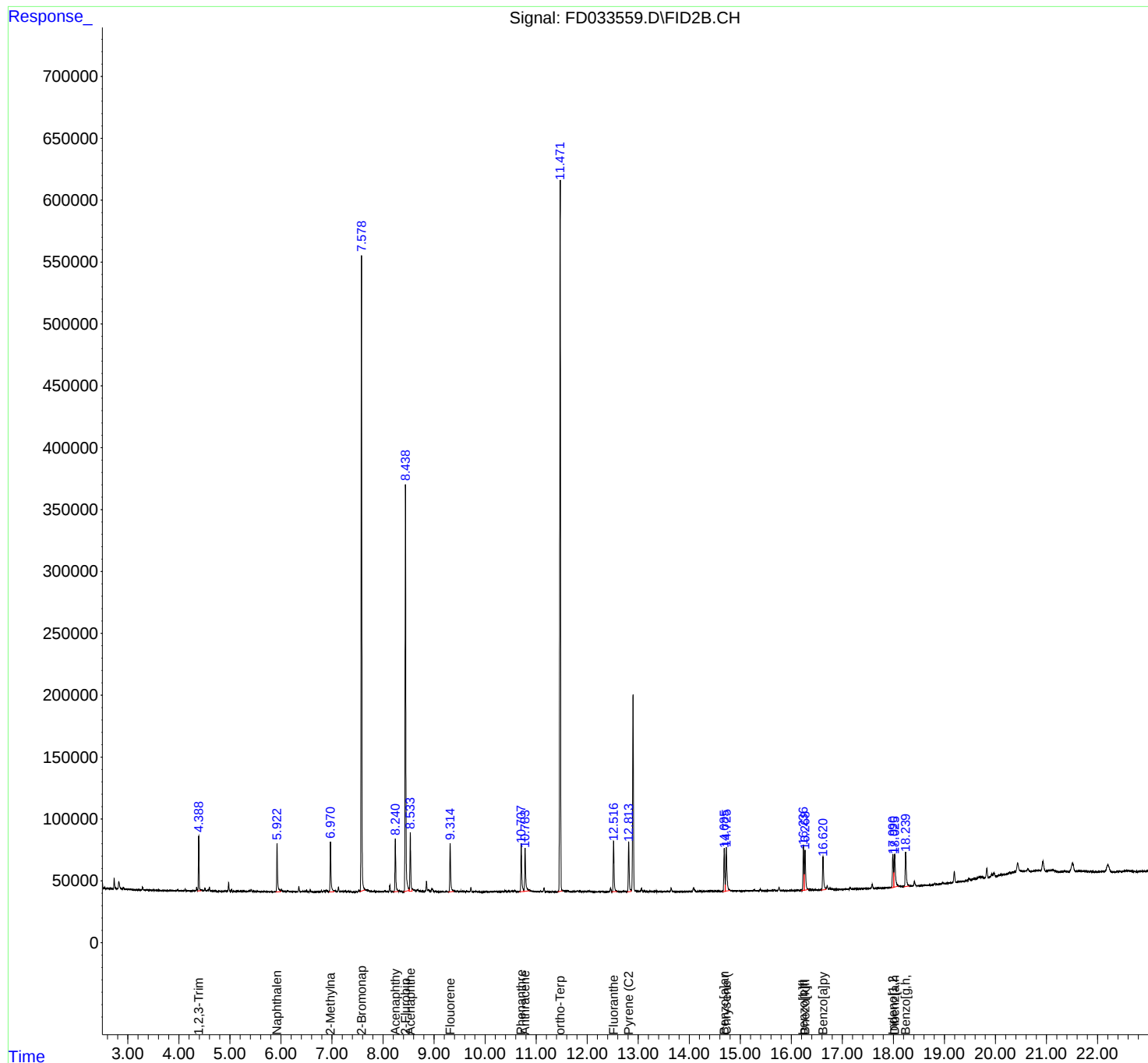
Instrument :
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LOQ-SOIL-02-QT2-2020

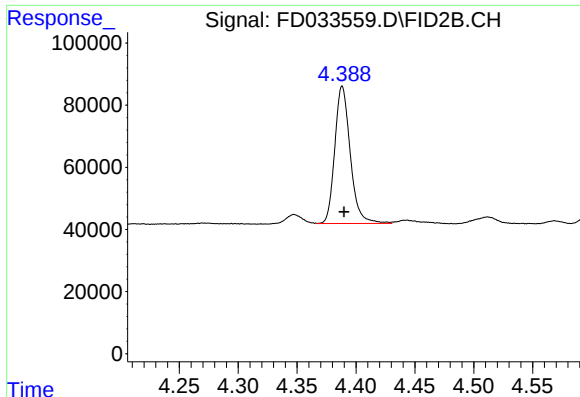
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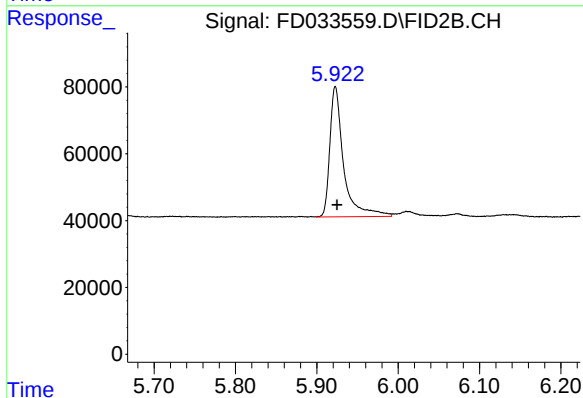
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.388 min
Delta R.T.: -0.002 min
Response: 406062
Conc: 3.56 ug/ml m

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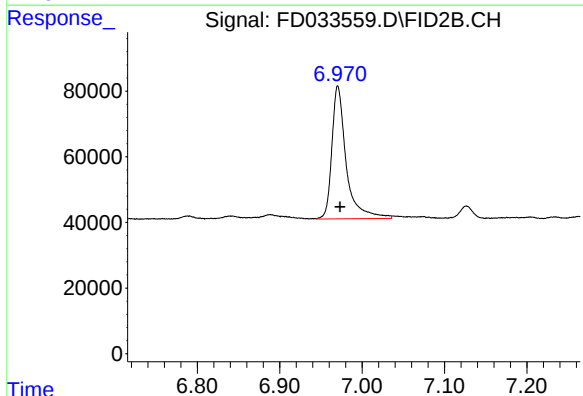
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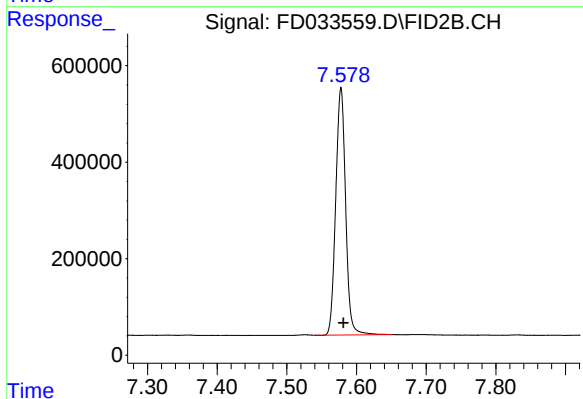
#2 Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 459041
Conc: 3.98 ug/ml m



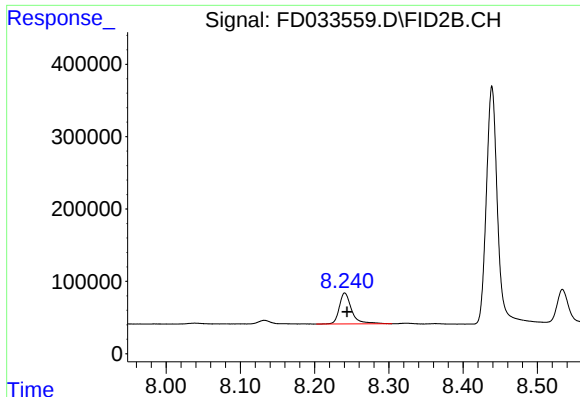
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.970 min
Delta R.T.: -0.003 min
Response: 490764
Conc: 4.13 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.578 min
Delta R.T.: -0.004 min
Response: 5060995
Conc: 48.67 ug/ml



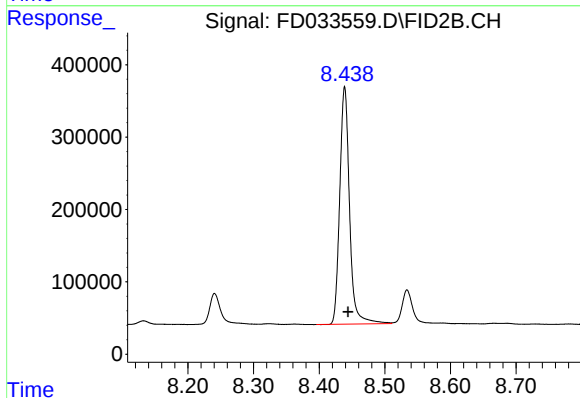
#5 Acenaphthylene (C15.06)

R.T.: 8.241 min
Delta R.T.: -0.003 min
Response: 494656
Conc: 4.04 ug/ml

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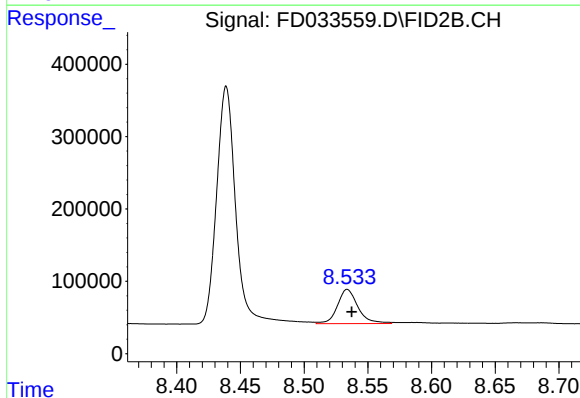
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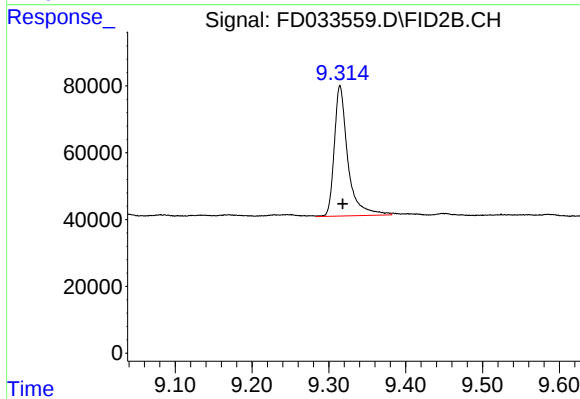
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.439 min
Delta R.T.: -0.005 min
Response: 3409794
Conc: 49.33 ug/ml



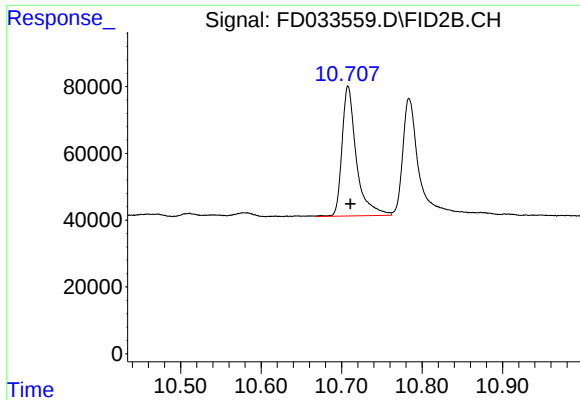
#7 Acenaphthene (C15.5)

R.T.: 8.533 min
Delta R.T.: -0.004 min
Response: 533105
Conc: 4.13 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.314 min
Delta R.T.: -0.004 min
Response: 477009
Conc: 4.02 ug/ml m



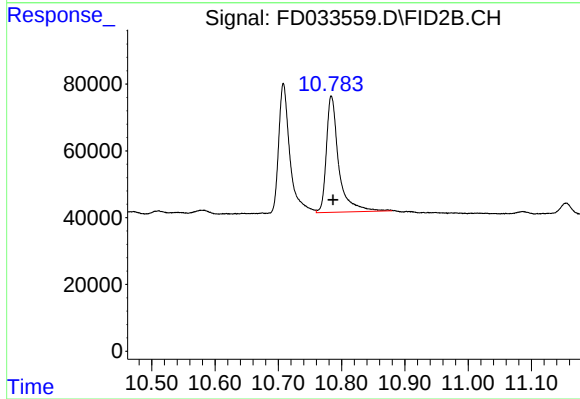
#9 Phenanthrene (C19.36)

R.T.: 10.707 min
Delta R.T.: -0.004 min
Response: 482462
Conc: 3.93 ug/ml m

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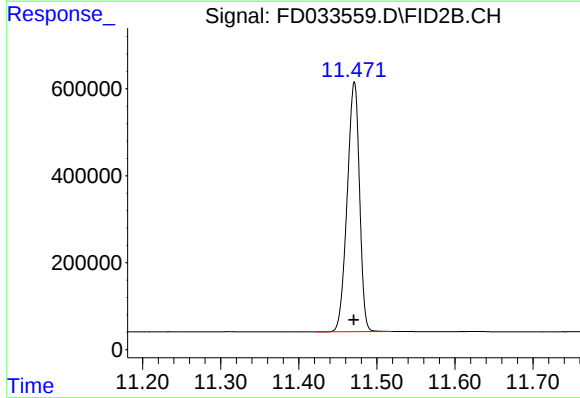
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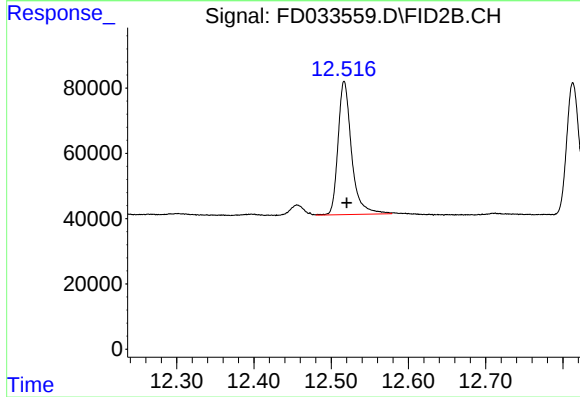
#10 Anthracene (C19.43)

R.T.: 10.783 min
Delta R.T.: -0.004 min
Response: 473982
Conc: 3.89 ug/ml m



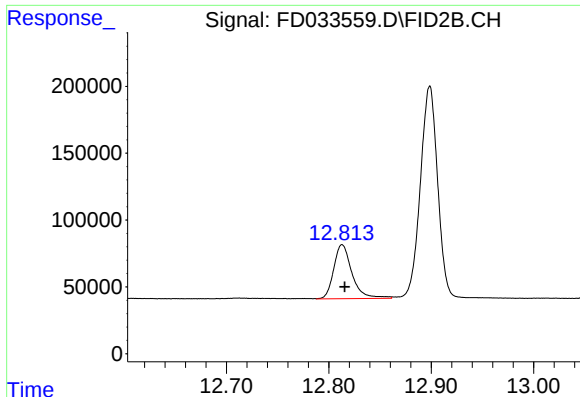
#11 ortho-Terphenyl (SURR)

R.T.: 11.471 min
Delta R.T.: 0.000 min
Response: 6307753
Conc: 48.11 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.516 min
Delta R.T.: -0.004 min
Response: 497427
Conc: 3.95 ug/ml m



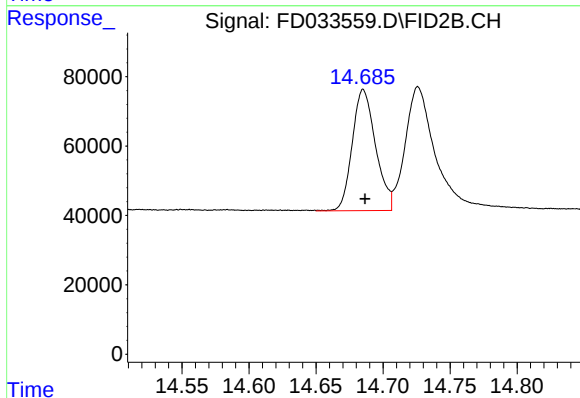
#13 Pyrene (C20.8)

R.T.: 12.813 min
Delta R.T.: -0.003 min
Response: 501883
Conc: 4.12 ug/ml m

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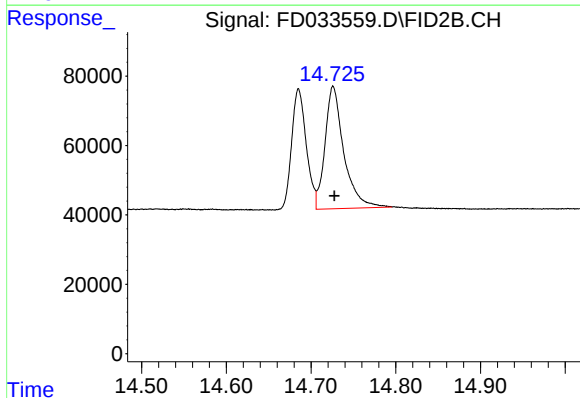
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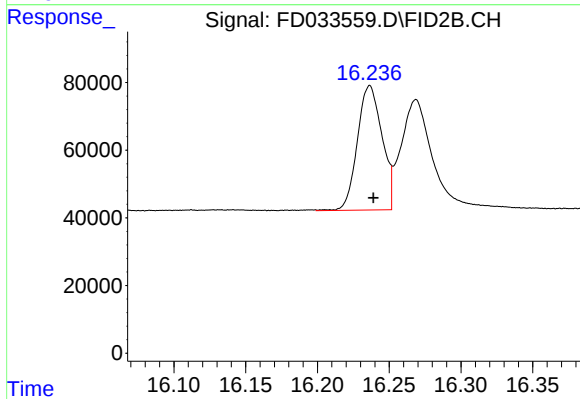
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.685 min
Delta R.T.: -0.002 min
Response: 423299
Conc: 3.76 ug/ml m



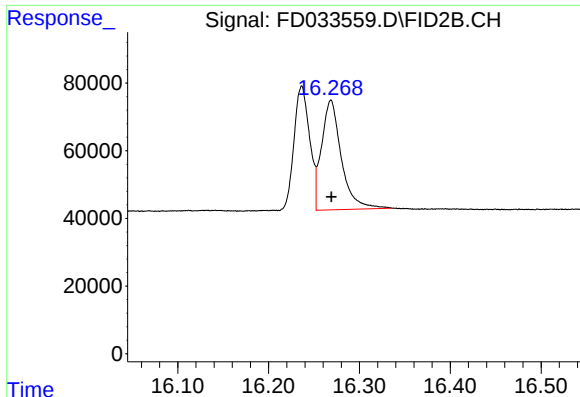
#15 Chrysene (C27.41)

R.T.: 14.725 min
Delta R.T.: -0.002 min
Response: 544712
Conc: 4.19 ug/ml m



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

R.T.: 16.236 min
Delta R.T.: -0.003 min
Response: 439364
Conc: 3.85 ug/ml m



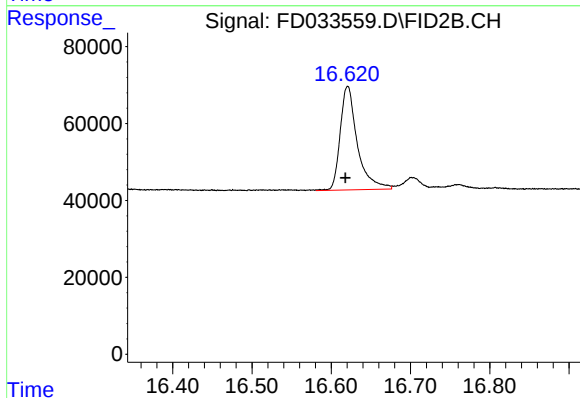
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.268 min
Delta R.T.: 0.000 min
Response: 488426
Conc: 3.92 ug/ml m

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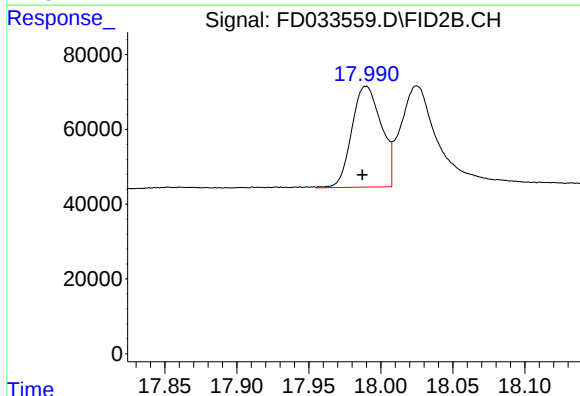
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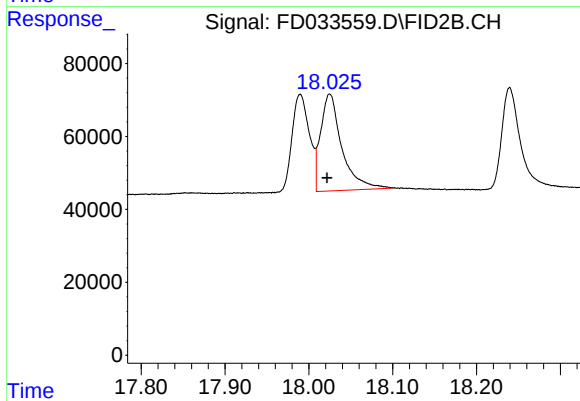
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.620 min
Delta R.T.: 0.002 min
Response: 405831
Conc: 3.46 ug/ml m



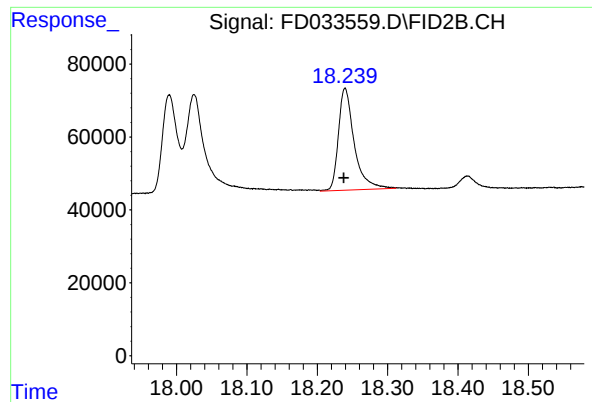
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.990 min
Delta R.T.: 0.003 min
Response: 389120
Conc: 3.81 ug/ml m



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

R.T.: 18.025 min
Delta R.T.: 0.003 min
Response: 465196
Conc: 3.85 ug/ml m



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

R.T.: 18.239 min
Delta R.T.: 0.002 min
Response: 437291
Conc: 3.92 ug/ml m

Instrument :
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