

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052025AR\
 Data File : FD049351.D
 Signal(s) : FID2B.ch
 Acq On : 20 May 2025 15:01
 Operator : YP/AJ
 Sample : Q2065-01
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 VACTRUCK-728068

Integration File: autoint1.e
 Quant Time: May 21 03:13:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.742	12160694	102.561 ug/ml
Spiked Amount 50.000		Recovery =	205.12%
6) S 2-Fluorobiphenyl (SURR)	8.610	8125702	102.893 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	205.79%#
11) S ortho-Terphenyl (SURR)	11.632	791418	5.734 ug/ml
Spiked Amount 50.000		Recovery =	11.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.525	2329275	18.655 ug/ml
2) T Naphthalene (C11.7)	6.071	2233238	16.892 ug/ml
3) T 2-Methylnaphthalene (...)	7.132	10554118	81.813 ug/ml
5) T Acenaphthylene (C15.06)	8.401	5128565	36.330 ug/ml
7) T Acenaphthene (C15.5)	8.693	1244153	9.081 ug/ml
8) T Flouorene (C16.55)	9.486	1621549	11.913 ug/ml
9) T Phenanthrene (C19.36)	10.873	10784933	79.994 ug/ml
10) T Anthracene (C19.43)	10.963	2060942	17.426 ug/ml
12) T Fluoranthene (C21.85)	12.666	77892236	577.986 ug/ml
13) T Pyrene (C20.8)	12.985	4835429	35.745 ug/ml
14) T Benzo[a]anthracene (C...	14.881	34183401	298.428 ug/ml
15) T Chrysene (C27.41)	14.881	34183401	292.883 ug/ml
16) T benzo[b]fluoranthene ...	16.386	53965428	444.577 ug/ml
17) T Bnezo[k]fluoranthene ...	16.444	29094493	243.951 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.778	14623140	127.176 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.155	512807	4.673 ug/ml
20) T Dibenz[a,h]anthracene...	18.184	297180	2.814 ug/ml

(f)=RT Delta > 1/2 Window

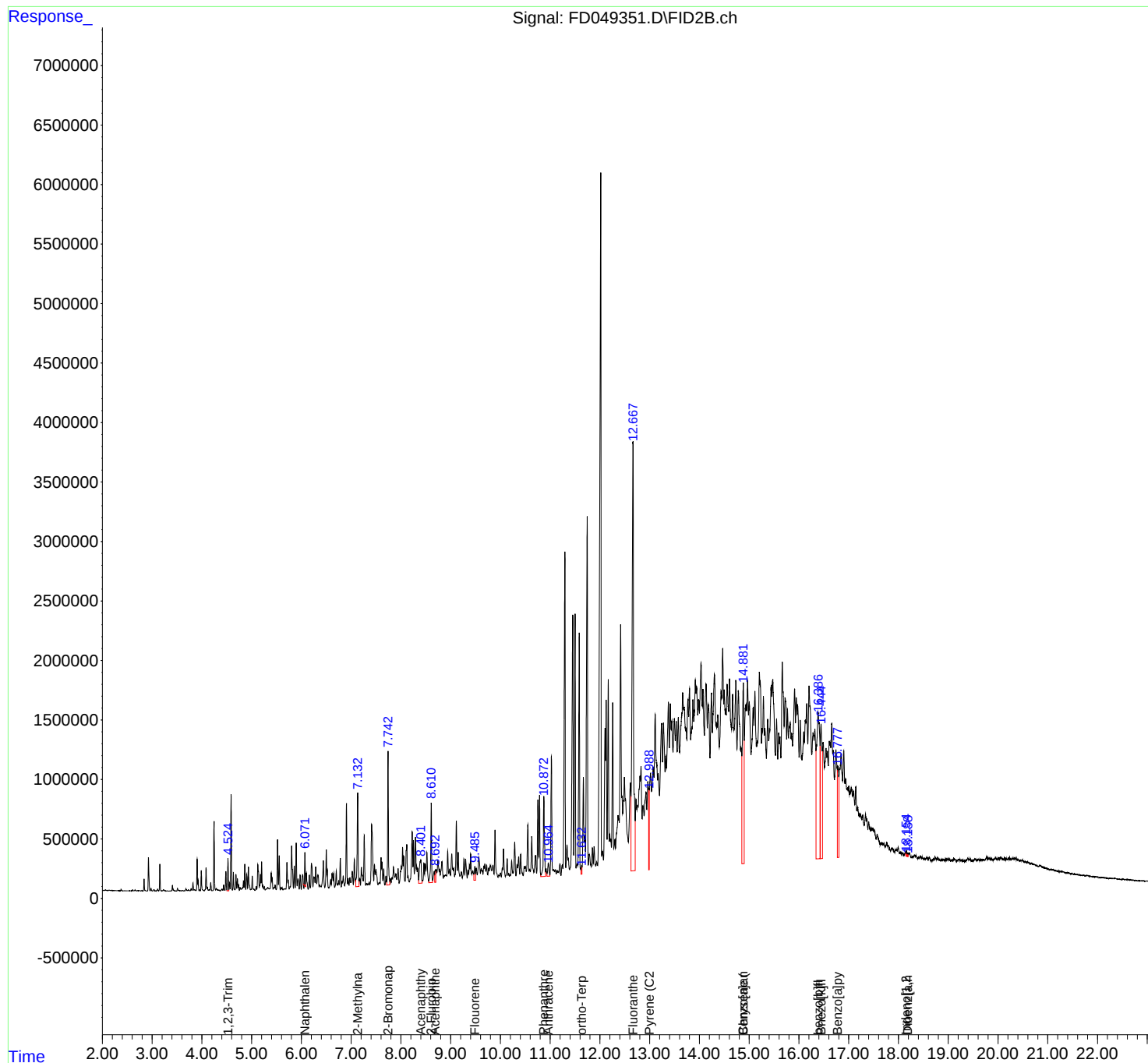
(m)=manual int.

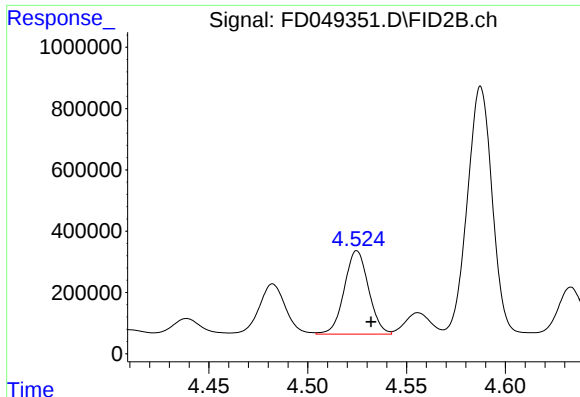
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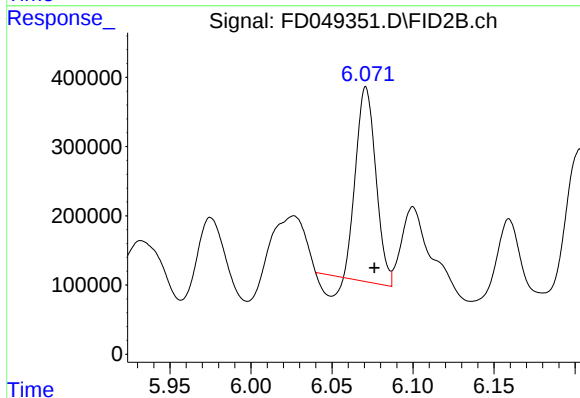




#1 1,2,3-Trimethylbenzene (C10.1)

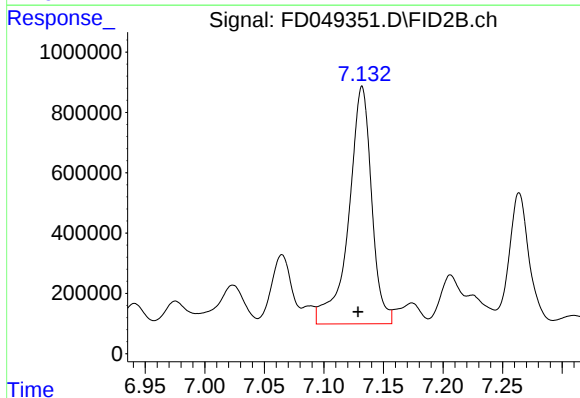
R.T.: 4.525 min
Delta R.T.: -0.007 min
Response: 2329275
Conc: 18.66 ug/ml

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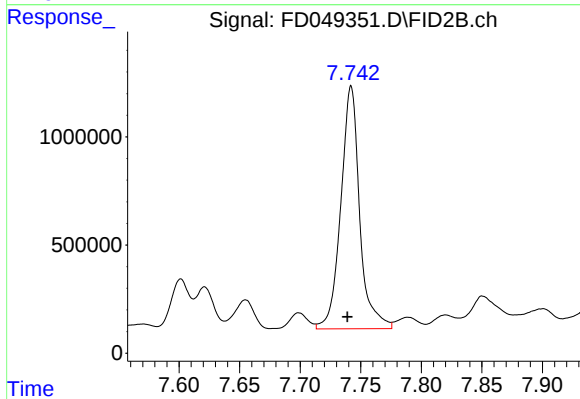
#2 Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: -0.005 min
Response: 2233238
Conc: 16.89 ug/ml



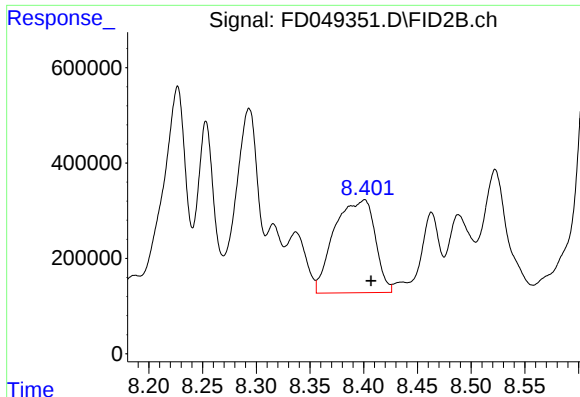
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.132 min
Delta R.T.: 0.003 min
Response: 10554118
Conc: 81.81 ug/ml



#4 2-Bromonaphthalene (SURR)

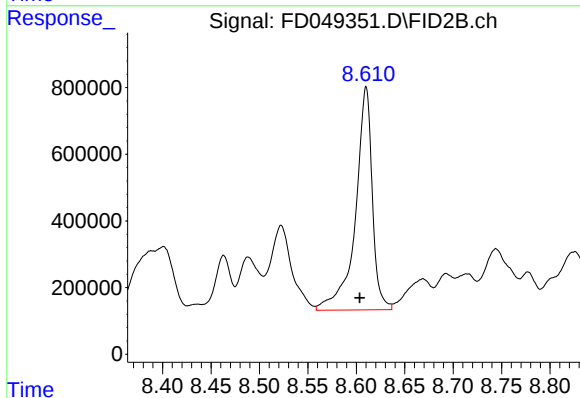
R.T.: 7.742 min
Delta R.T.: 0.003 min
Response: 12160694
Conc: 102.56 ug/ml



#5 Acenaphthylene (C15.06)

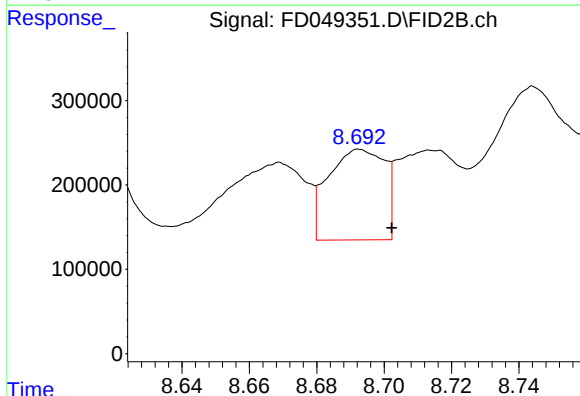
R.T.: 8.401 min
Delta R.T.: -0.006 min
Response: 5128565
Conc: 36.33 ug/ml

Instrument :
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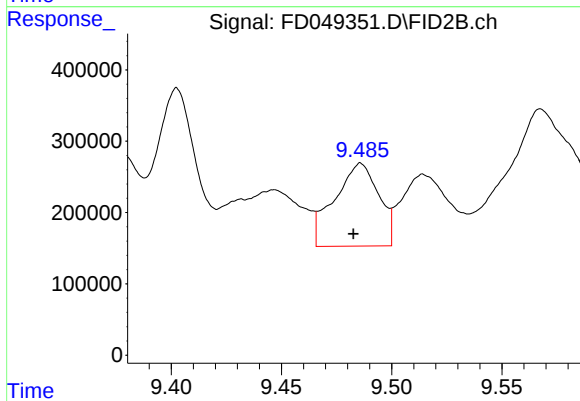
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.610 min
Delta R.T.: 0.006 min
Response: 8125702
Conc: 102.89 ug/ml



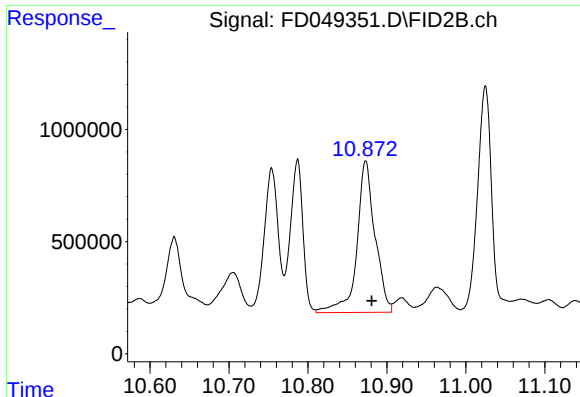
#7 Acenaphthene (C15.5)

R.T.: 8.693 min
Delta R.T.: -0.009 min
Response: 1244153
Conc: 9.08 ug/ml



#8 Flouorene (C16.55)

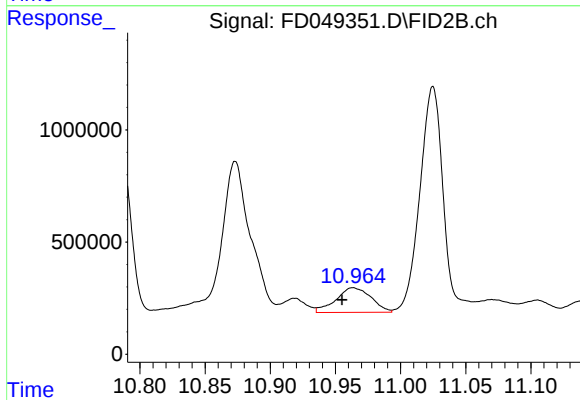
R.T.: 9.486 min
Delta R.T.: 0.003 min
Response: 1621549
Conc: 11.91 ug/ml



#9 Phenanthrene (C19.36)

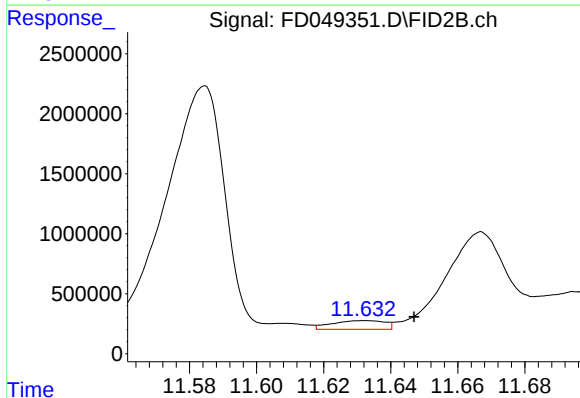
R.T.: 10.873 min
Delta R.T.: -0.008 min
Response: 10784933
Conc: 79.99 ug/ml

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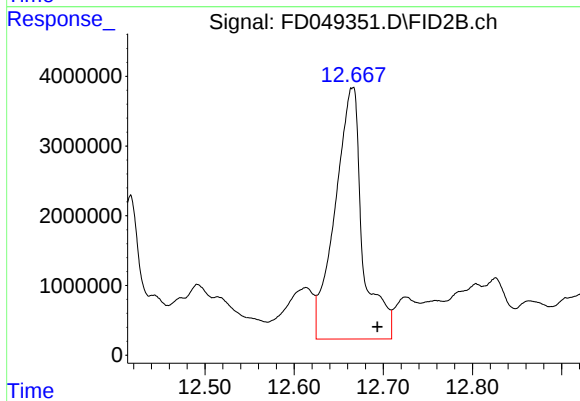
#10 Anthracene (C19.43)

R.T.: 10.963 min
Delta R.T.: 0.008 min
Response: 2060942
Conc: 17.43 ug/ml



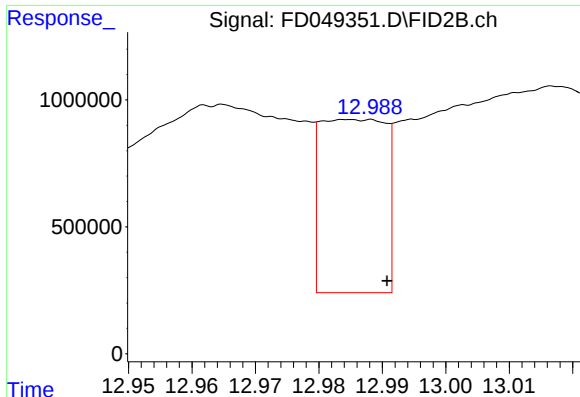
#11 ortho-Terphenyl (SURR)

R.T.: 11.632 min
Delta R.T.: -0.015 min
Response: 791418
Conc: 5.73 ug/ml



#12 Fluoranthene (C21.85)

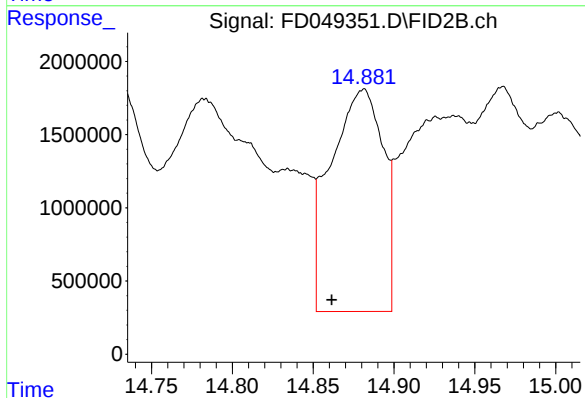
R.T.: 12.666 min
Delta R.T.: -0.028 min
Response: 77892236
Conc: 577.99 ug/ml



#13 Pyrene (C20.8)

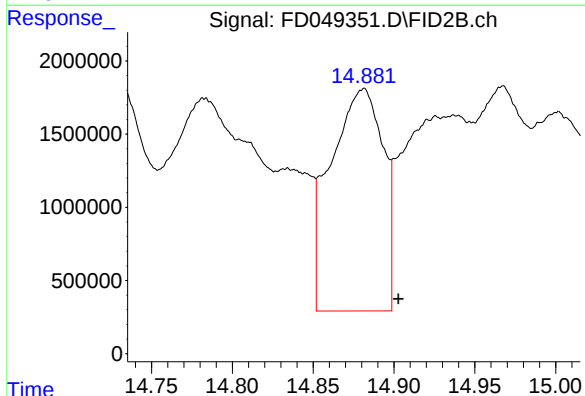
R.T.: 12.985 min
Delta R.T.: -0.006 min
Response: 4835429
Conc: 35.75 ug/ml

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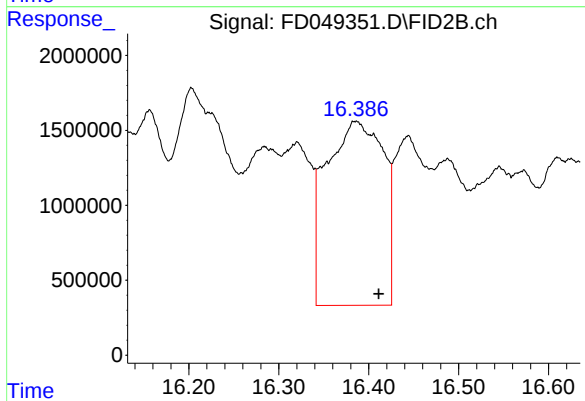
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.881 min
Delta R.T.: 0.020 min
Response: 34183401
Conc: 298.43 ug/ml



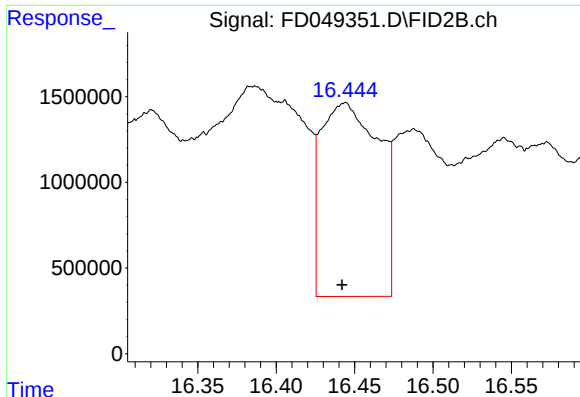
#15 Chrysene (C27.41)

R.T.: 14.881 min
Delta R.T.: -0.021 min
Response: 34183401
Conc: 292.88 ug/ml



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

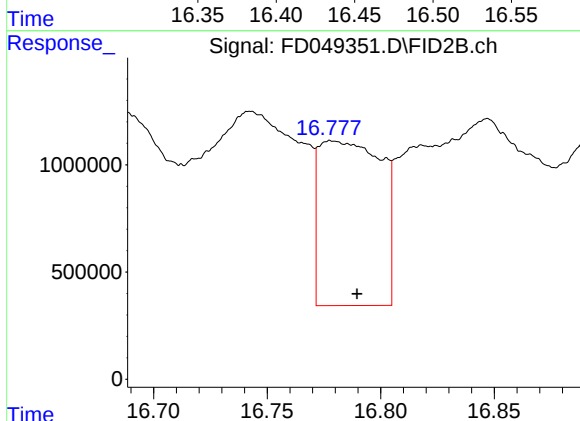
R.T.: 16.386 min
Delta R.T.: -0.025 min
Response: 53965428
Conc: 444.58 ug/ml



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

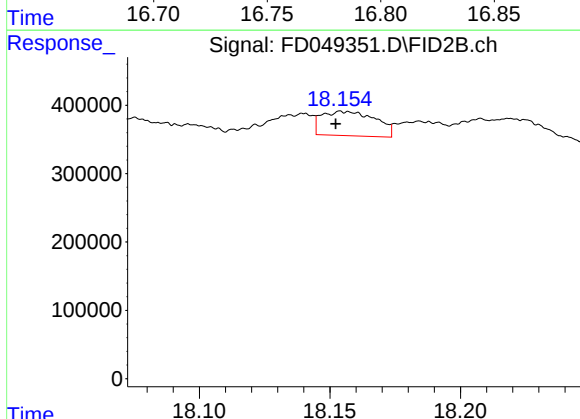
R.T.: 16.444 min
Delta R.T.: 0.002 min
Response: 29094493
Conc: 243.95 ug/ml

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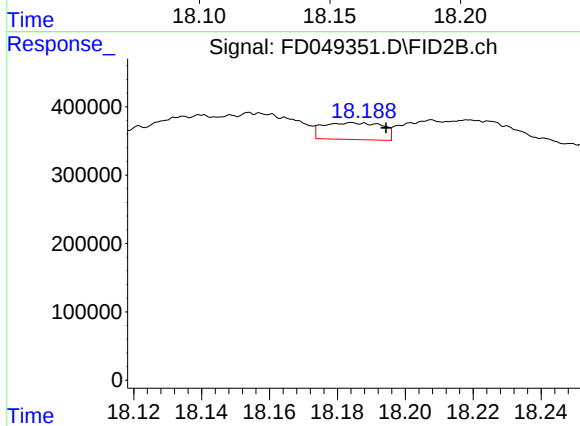
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.778 min
Delta R.T.: -0.011 min
Response: 14623140
Conc: 127.18 ug/ml



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

R.T.: 18.155 min
Delta R.T.: 0.003 min
Response: 512807
Conc: 4.67 ug/ml



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

R.T.: 18.184 min
Delta R.T.: -0.010 min
Response: 297180
Conc: 2.81 ug/ml