

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073124AR\
 Data File : FD048091.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jul 2024 08:19
 Operator : YP/AJ
 Sample : P3390-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 01 04:48:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 2024
 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...	7.407	7657583	51.523 ug/ml
Spiked Amount 50.000		Recovery =	103.05%
6) S 2-Fluorobiphenyl (SURR)	8.257	4952323	52.328 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	104.66%
11) S ortho-Terphenyl (SURR)	11.297	7977553	47.679 ug/ml
Spiked Amount 50.000		Recovery =	95.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.225	504045	3.010 ug/ml
2) T Naphthalene (C11.7)	5.746	546532	3.163 ug/ml
3) T 2-Methylnaphthalene (...)	6.793	576283	3.322 ug/ml
5) T Acenaphthylene (C15.06)	8.059	592474	3.457 ug/ml
7) T Acenaphthene (C15.5)	8.352	646544	3.727 ug/ml
8) T Fluorene (C16.55)	9.132	576598	3.550 ug/ml
9) T Phenanthrene (C19.36)	10.521	538063	3.388 ug/ml
10) T Anthracene (C19.43)	10.596	538859	3.413 ug/ml
12) T Fluoranthene (C21.85)	12.325	665258	4.202 ug/ml
13) T Pyrene (C20.8)	12.618	588819	3.724 ug/ml
14) T Benzo[a]anthracene (C...	14.488	477977	3.501 ug/ml
15) T Chrysene (C27.41)	14.528	563020	3.493 ug/ml
16) T benzo[b]fluoranthene ...	16.032	496357	3.448 ug/ml
17) T Bnezo[k]fluoranthene ...	16.064	570566	3.820 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.413	498190	3.517 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.776	435971	3.865 ug/ml
20) T Dibenz[a,h]anthracene...	17.820	602132	4.143 ug/ml
21) T Benzo[g,h,i]perylene ...	18.024	511597	3.472 ug/ml

(f)=RT Delta > 1/2 Window

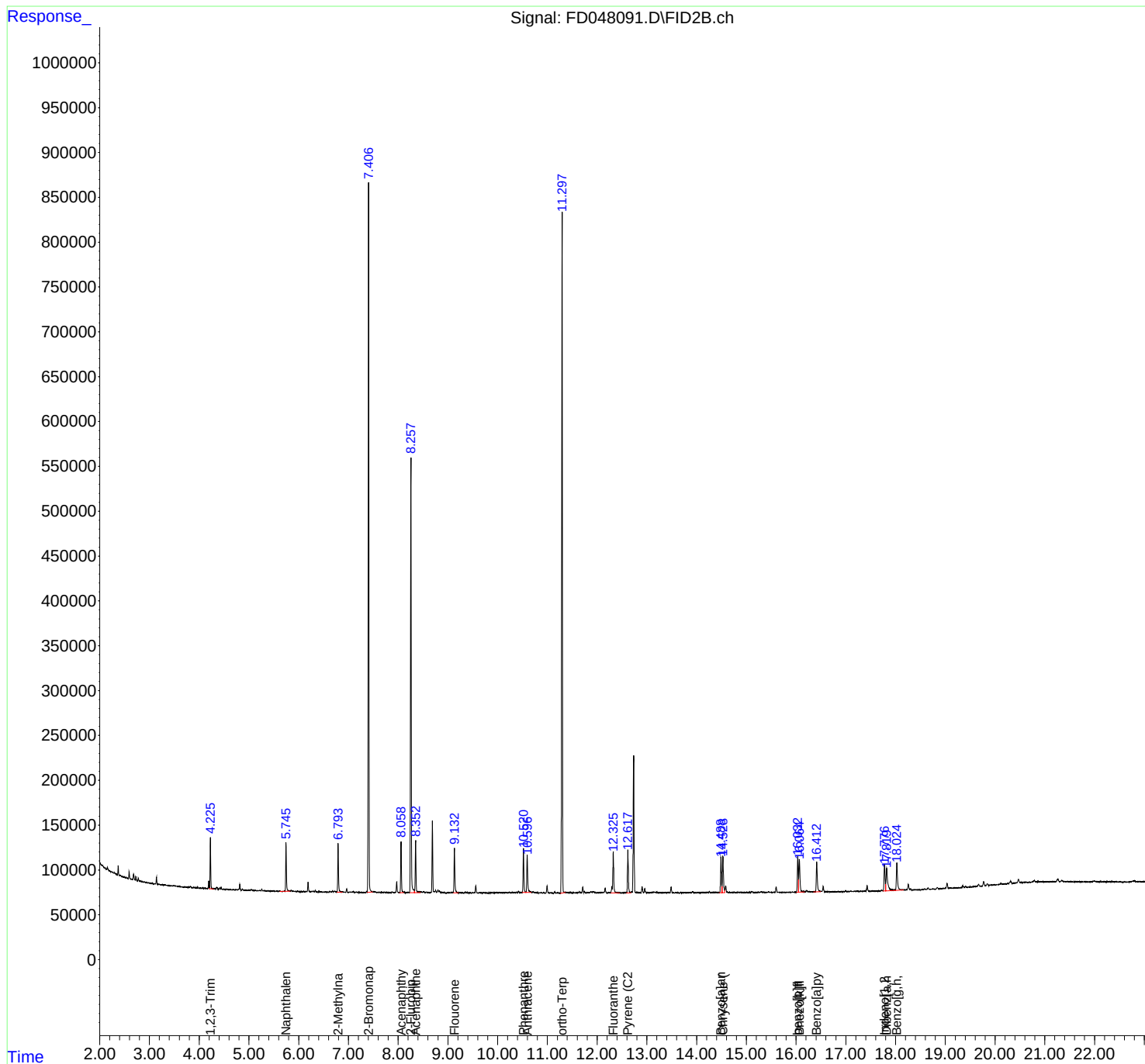
(m)=manual int.

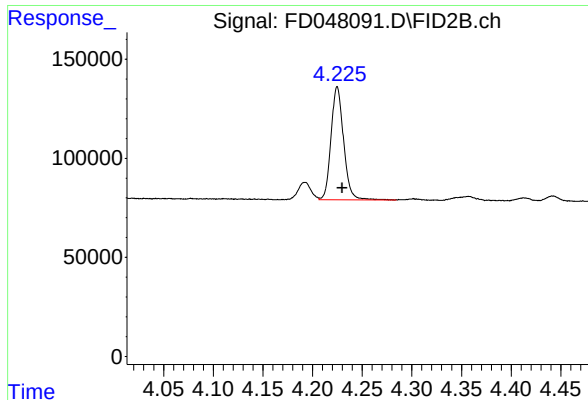
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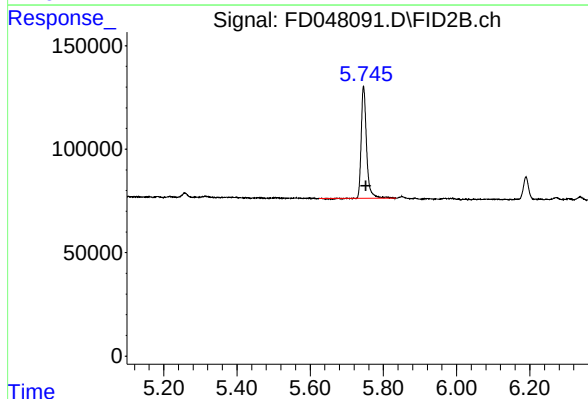




#1 1,2,3-Trimethylbenzene (C10.1)

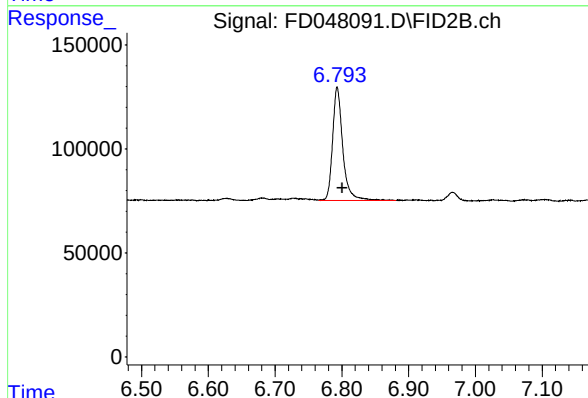
R.T.: 4.225 min
Delta R.T.: -0.005 min
Response: 504045
Conc: 3.01 ug/ml

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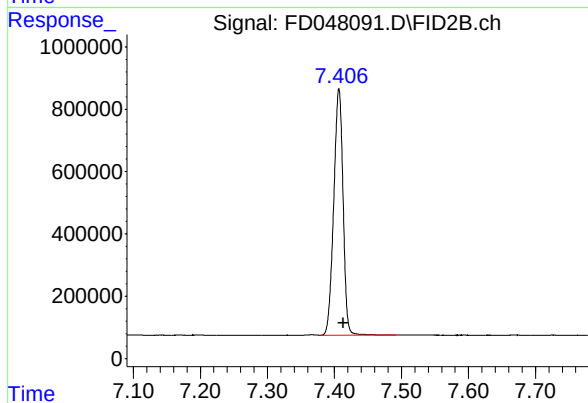
#2 Naphthalene (C11.7)

R.T.: 5.746 min
Delta R.T.: -0.007 min
Response: 546532
Conc: 3.16 ug/ml



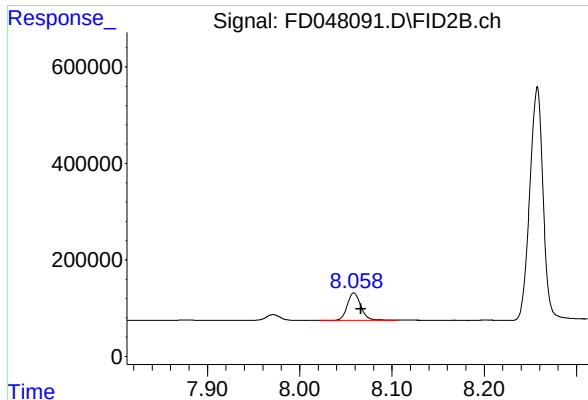
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.793 min
Delta R.T.: -0.007 min
Response: 576283
Conc: 3.32 ug/ml



#4 2-Bromonaphthalene (SURR)

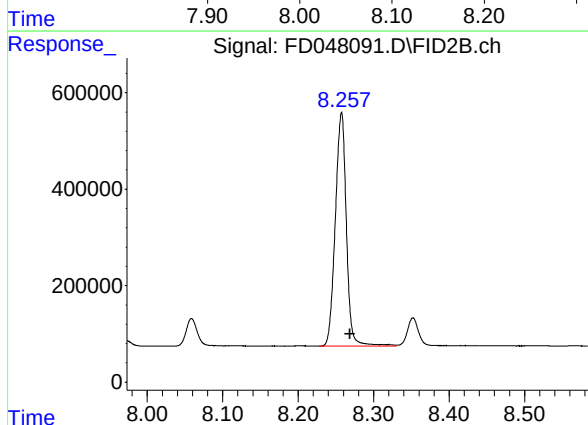
R.T.: 7.407 min
Delta R.T.: -0.007 min
Response: 7657583
Conc: 51.52 ug/ml



#5 Acenaphthylene (C15.06)

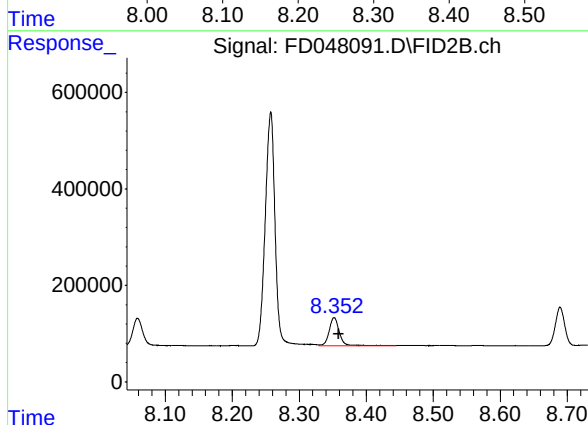
R.T.: 8.059 min
Delta R.T.: -0.008 min
Response: 592474
Conc: 3.46 ug/ml

Instrument :
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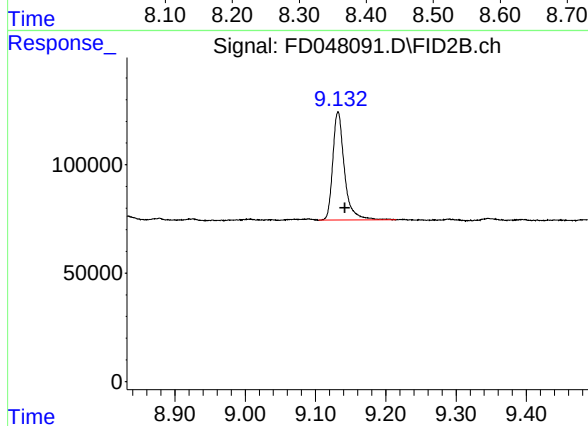
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.257 min
Delta R.T.: -0.012 min
Response: 4952323
Conc: 52.33 ug/ml



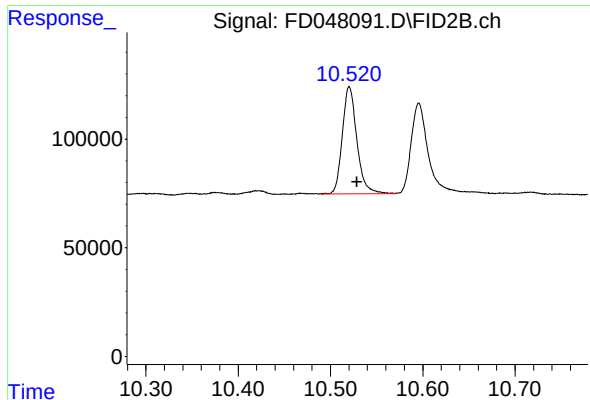
#7 Acenaphthene (C15.5)

R.T.: 8.352 min
Delta R.T.: -0.006 min
Response: 646544
Conc: 3.73 ug/ml



#8 Flouorene (C16.55)

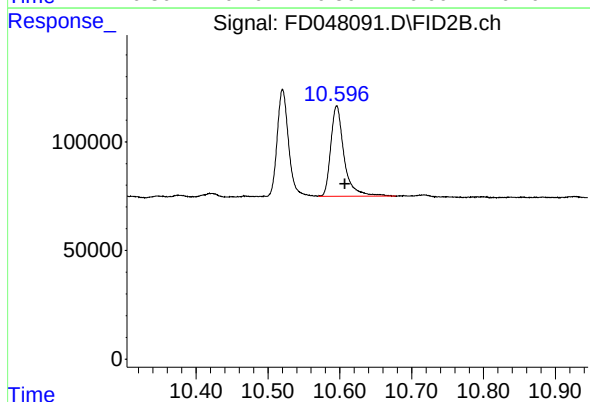
R.T.: 9.132 min
Delta R.T.: -0.010 min
Response: 576598
Conc: 3.55 ug/ml



#9 Phenanthrene (C19.36)

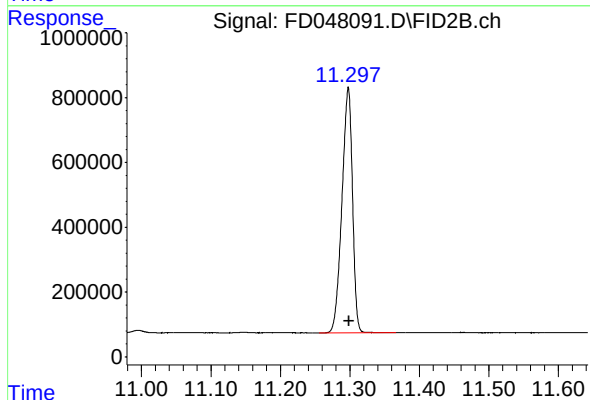
R.T.: 10.521 min
Delta R.T.: -0.008 min
Response: 538063
Conc: 3.39 ug/ml

Instrument :
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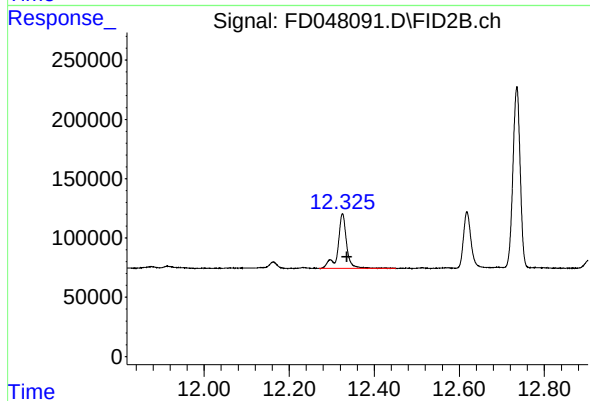
#10 Anthracene (C19.43)

R.T.: 10.596 min
Delta R.T.: -0.011 min
Response: 538859
Conc: 3.41 ug/ml



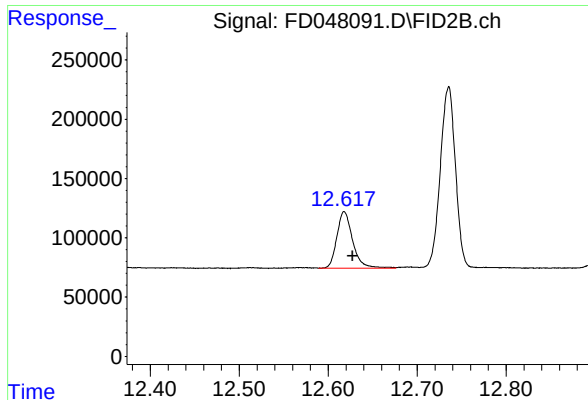
#11 ortho-Terphenyl (SURRE)

R.T.: 11.297 min
Delta R.T.: -0.001 min
Response: 7977553
Conc: 47.68 ug/ml



#12 Fluoranthene (C21.85)

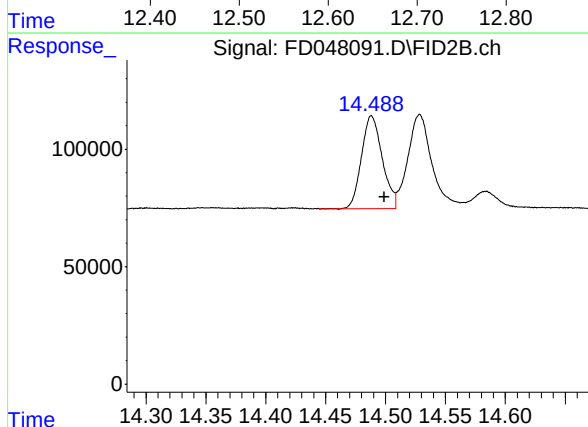
R.T.: 12.325 min
Delta R.T.: -0.010 min
Response: 665258
Conc: 4.20 ug/ml



#13 Pyrene (C20.8)

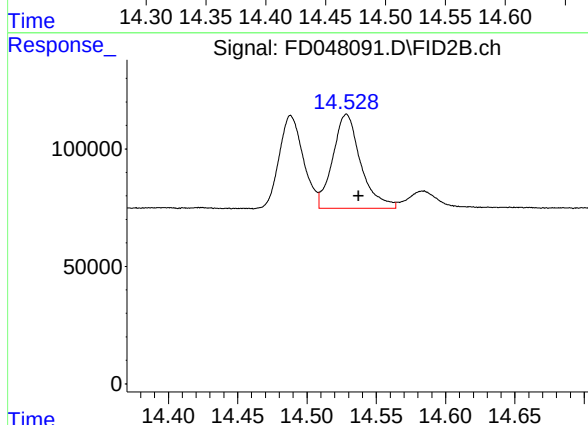
R.T.: 12.618 min
Delta R.T.: -0.010 min
Response: 588819
Conc: 3.72 ug/ml

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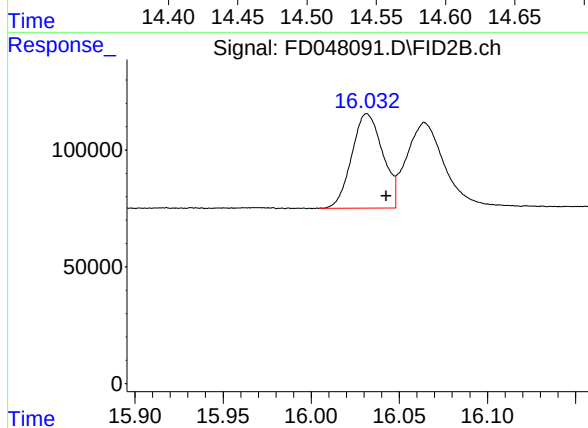
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.488 min
Delta R.T.: -0.010 min
Response: 477977
Conc: 3.50 ug/ml



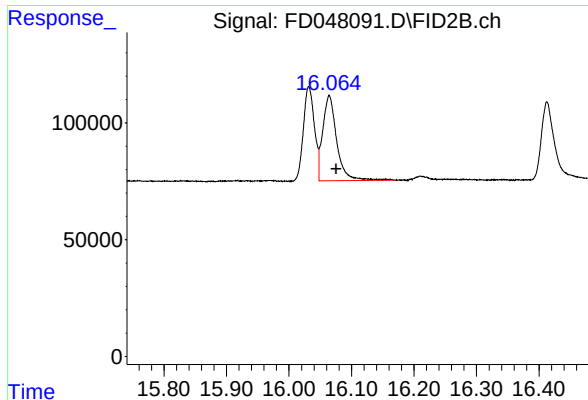
#15 Chrysene (C27.41)

R.T.: 14.528 min
Delta R.T.: -0.009 min
Response: 563020
Conc: 3.49 ug/ml



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

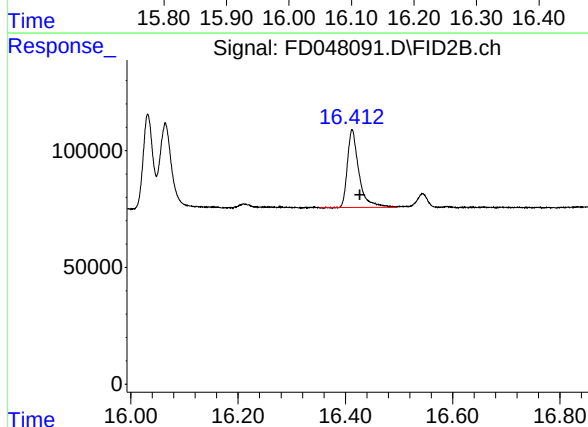
R.T.: 16.032 min
Delta R.T.: -0.011 min
Response: 496357
Conc: 3.45 ug/ml



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

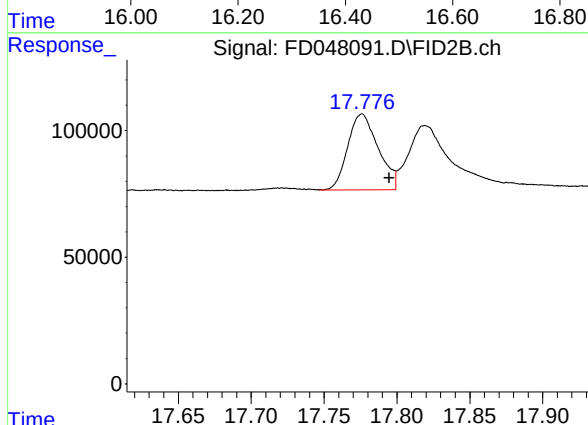
R.T.: 16.064 min
Delta R.T.: -0.011 min
Response: 570566
Conc: 3.82 ug/ml

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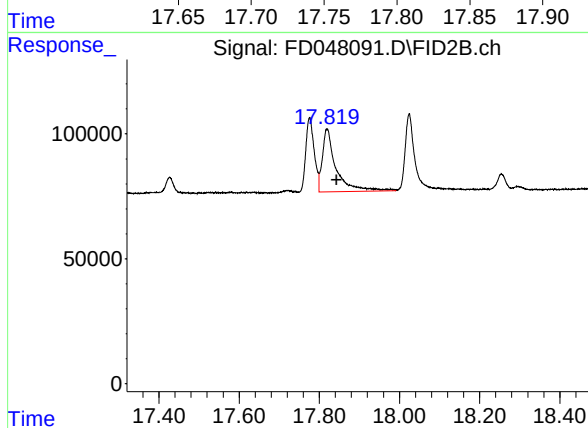
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.413 min
Delta R.T.: -0.015 min
Response: 498190
Conc: 3.52 ug/ml



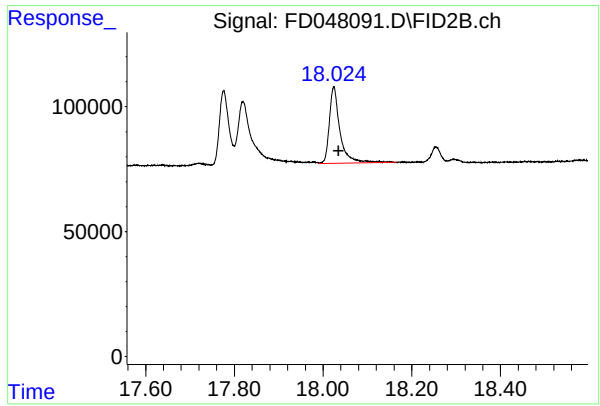
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.776 min
Delta R.T.: -0.019 min
Response: 435971
Conc: 3.87 ug/ml



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

R.T.: 17.820 min
Delta R.T.: -0.024 min
Response: 602132
Conc: 4.14 ug/ml



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

R.T.: 18.024 min
Delta R.T.: -0.010 min
Response: 511597
Conc: 3.47 ug/ml

Instrument :

FID_D

ClientSampleId :

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