

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022224AR\
 Data File : FD047291.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2024 04:03
 Operator : YP/AJ
 Sample : P1523-09MS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/23/2024
 Supervised By :Ankita Jodhani 02/23/2024

Integration File: autoint1.e
 Quant Time: Feb 23 04:20:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.466	8282117	54.401 ug/mlm
Spiked Amount 50.000		Recovery =	108.80%
6) S 2-Fluorobiphenyl (SURR)	8.319	4830462	47.789 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.58%
11) S ortho-Terphenyl (SURR)	11.358	7776067	44.090 ug/ml
Spiked Amount 50.000		Recovery =	88.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.282	7284888	46.210 ug/ml
2) T Naphthalene (C11.7)	5.806	8621288	51.874 ug/ml
3) T 2-Methylnaphthalene (...)	6.855	8951064	53.077 ug/ml
5) T Acenaphthylene (C15.06)	8.125	9439467	61.329 ug/ml
7) T Acenaphthene (C15.5)	8.420	9194827	55.784 ug/ml
8) T Flouorene (C16.55)	9.200	9507193	59.964 ug/ml
9) T Phenanthrene (C19.36)	10.588	9346736	60.163 ug/ml
10) T Anthracene (C19.43)	10.664	9305925	63.105 ug/ml
12) T Fluoranthene (C21.85)	12.393	9372040	60.531 ug/ml
13) T Pyrene (C20.8)	12.688	9401862	62.501 ug/ml
14) T Benzo[a]anthracene (C...	14.554	8768831	65.233 ug/ml
15) T Chrysene (C27.41)	14.598	8654673	59.103 ug/ml
16) T benzo[b]fluoranthene ...	16.098	8461641	61.457 ug/ml
17) T Bnezo[k]fluoranthene ...	16.134	8281008	59.680 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.475	8032131	59.332 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.836	8612630	68.221 ug/ml
20) T Dibenz[a,h]anthracene...	17.875	7842886	58.862 ug/ml
21) T Benzo[g,h,i]perylene ...	18.089	7634498	57.578 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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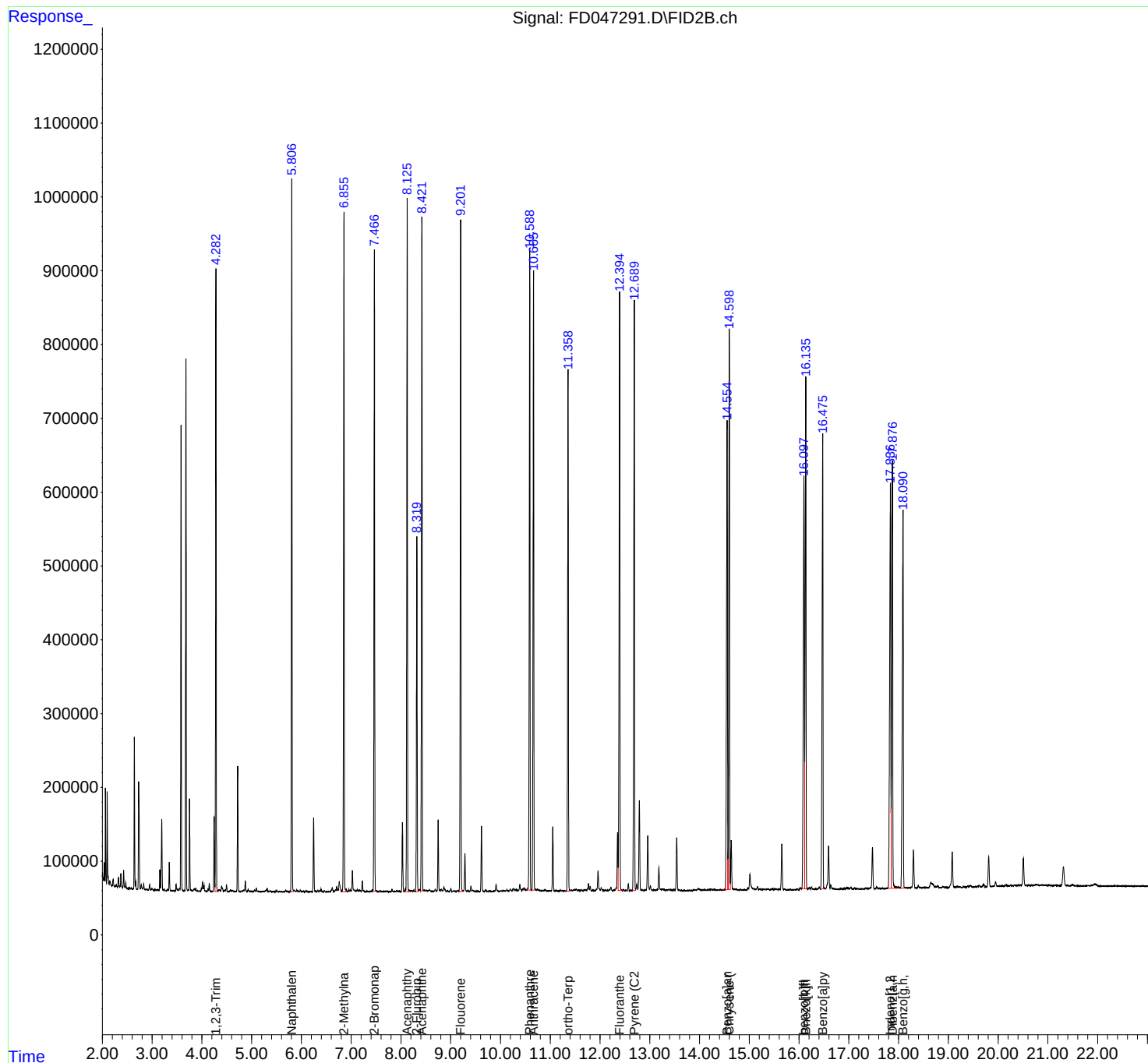
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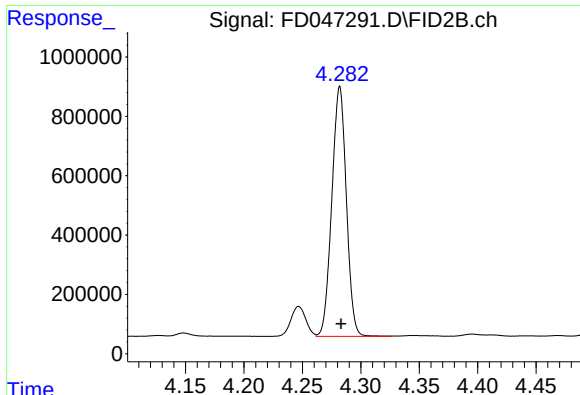
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.282 min
Delta R.T.: -0.001 min
Response: 7284888
Conc: 46.21 ug/ml

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FID_D

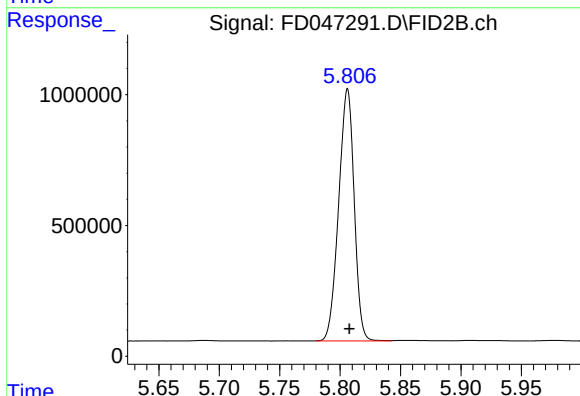
ClientSampleId :

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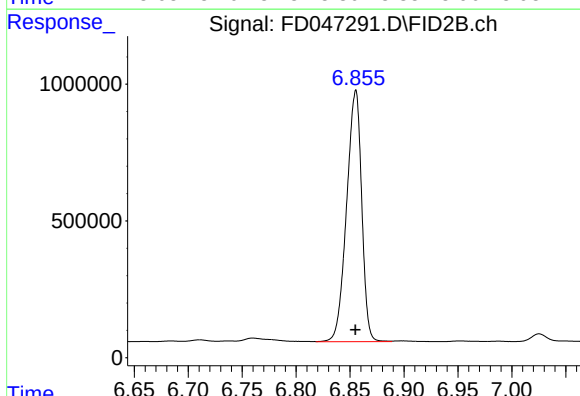
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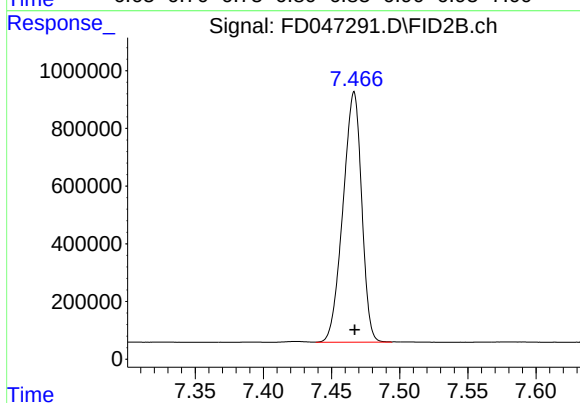
#2 Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: -0.002 min
Response: 8621288
Conc: 51.87 ug/ml



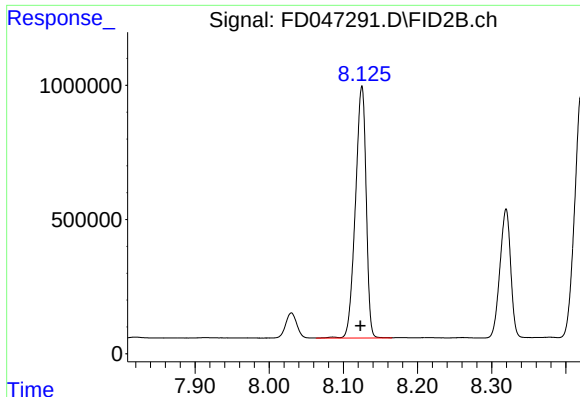
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 8951064
Conc: 53.08 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 8282117
Conc: 54.40 ug/ml m



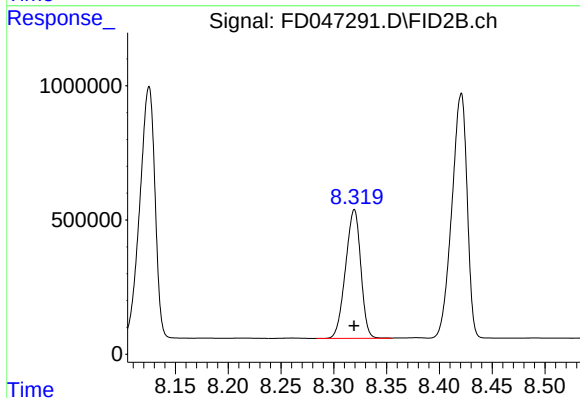
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.002 min
Response: 9439467
Conc: 61.33 ug/ml

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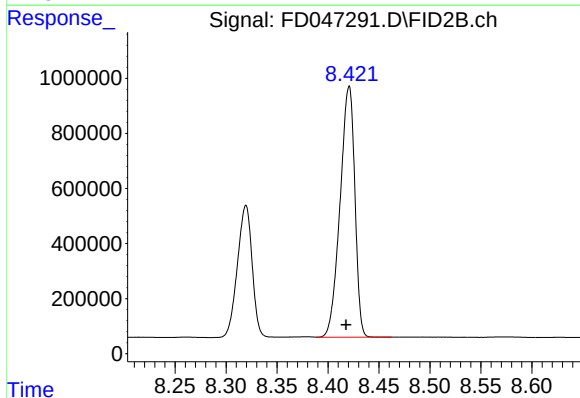
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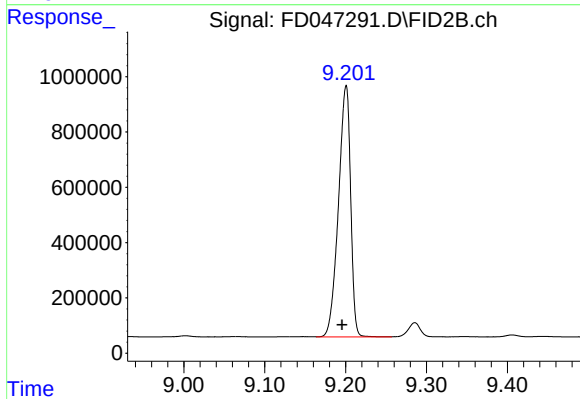
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 4830462
Conc: 47.79 ug/ml



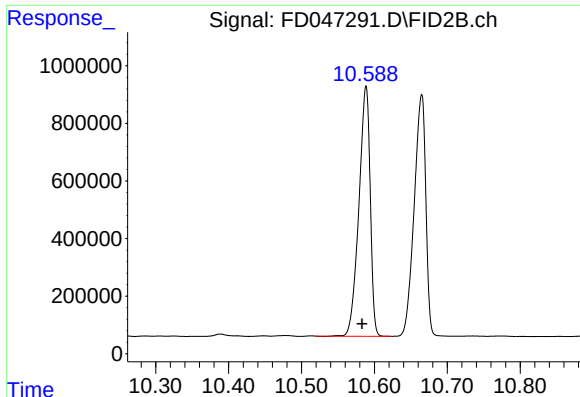
#7 Acenaphthene (C15.5)

R.T.: 8.420 min
Delta R.T.: 0.002 min
Response: 9194827
Conc: 55.78 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.200 min
Delta R.T.: 0.004 min
Response: 9507193
Conc: 59.96 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.588 min
Delta R.T.: 0.005 min
Response: 9346736
Conc: 60.16 ug/ml

Instrument :

FID_D

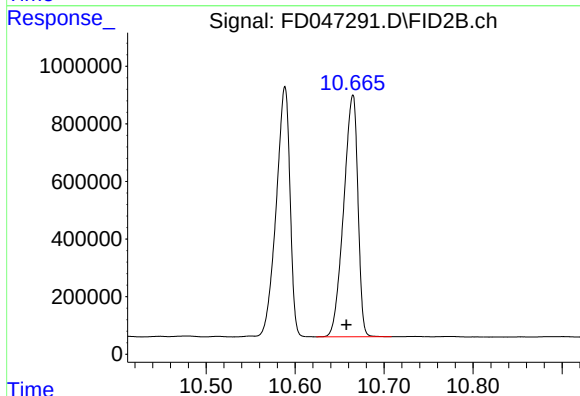
ClientSampleId :

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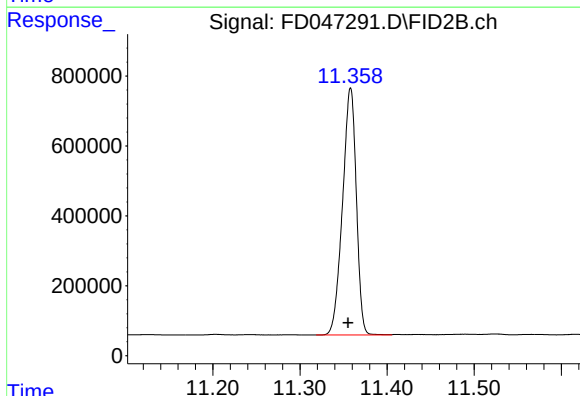
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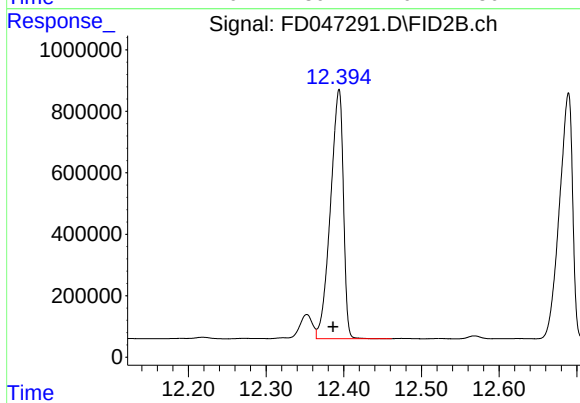
#10 Anthracene (C19.43)

R.T.: 10.664 min
Delta R.T.: 0.007 min
Response: 9305925
Conc: 63.11 ug/ml



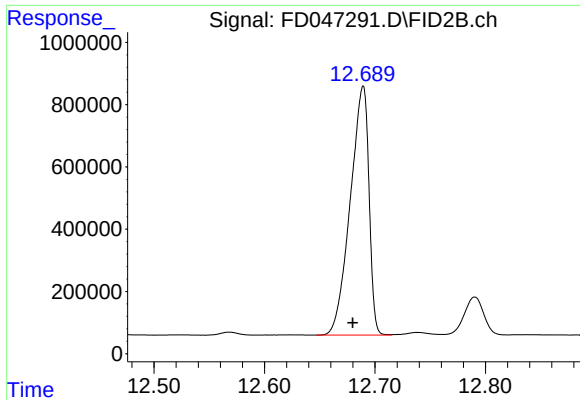
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: 0.003 min
Response: 7776067
Conc: 44.09 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.393 min
Delta R.T.: 0.007 min
Response: 9372040
Conc: 60.53 ug/ml



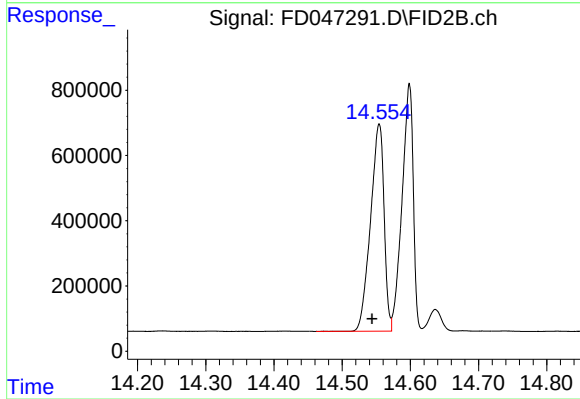
#13 Pyrene (C20.8)

R.T.: 12.688 min
Delta R.T.: 0.009 min
Response: 9401862
Conc: 62.50 ug/ml

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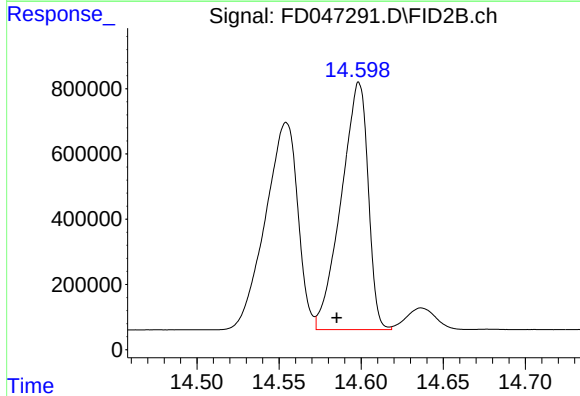
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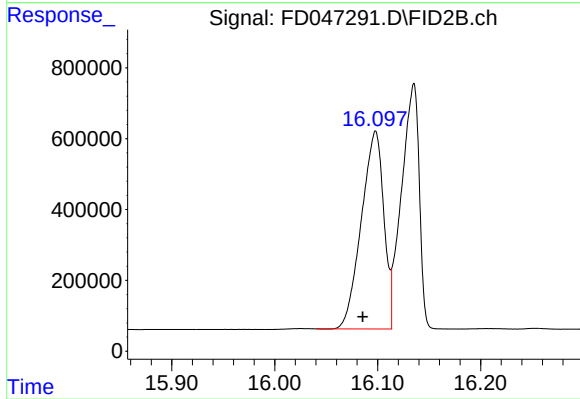
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min
Delta R.T.: 0.010 min
Response: 8768831
Conc: 65.23 ug/ml



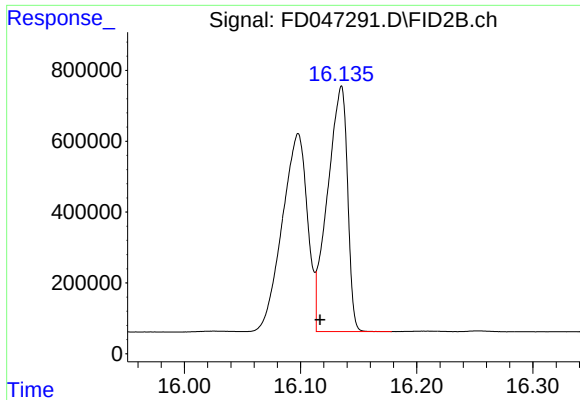
#15 Chrysene (C27.41)

R.T.: 14.598 min
Delta R.T.: 0.013 min
Response: 8654673
Conc: 59.10 ug/ml



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

R.T.: 16.098 min
Delta R.T.: 0.012 min
Response: 8461641
Conc: 61.46 ug/ml



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

R.T.: 16.134 min
Delta R.T.: 0.017 min
Response: 8281008
Conc: 59.68 ug/ml

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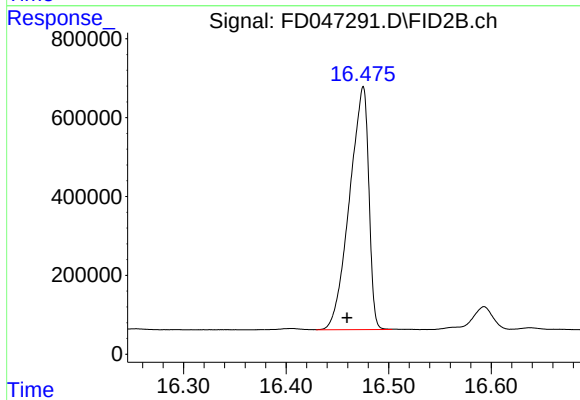
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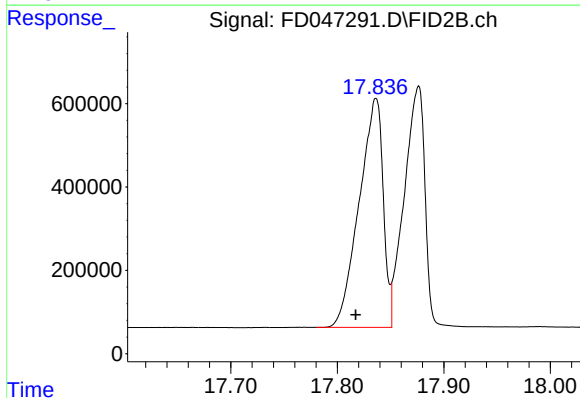
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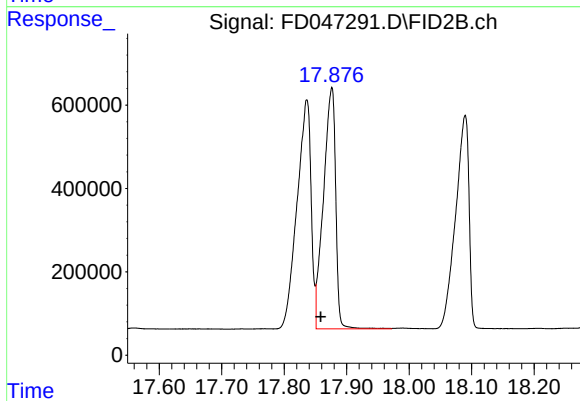
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.475 min
Delta R.T.: 0.015 min
Response: 8032131
Conc: 59.33 ug/ml m



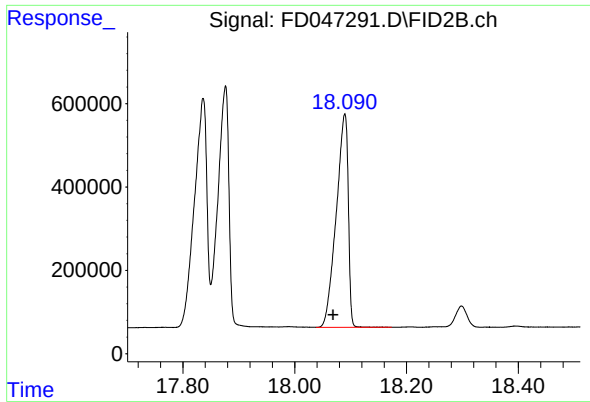
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.836 min
Delta R.T.: 0.018 min
Response: 8612630
Conc: 68.22 ug/ml



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

R.T.: 17.875 min
Delta R.T.: 0.017 min
Response: 7842886
Conc: 58.86 ug/ml



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

R.T.: 18.089 min
Delta R.T.: 0.020 min
Response: 7634498
Conc: 57.58 ug/ml

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