

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112123AR\
 Data File : FD046932.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2023 11:20
 Operator : YP/AJ
 Sample : 05449-28MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-SED-EPH-16MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2023
 Supervised By :Ankita Jodhani 11/22/2023

Integration File: autoint1.e
 Quant Time: Nov 21 22:50:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 2023
 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...	7.479	9393611	51.507 ug/ml
Spiked Amount 50.000		Recovery =	103.01%
6) S 2-Fluorobiphenyl (SURR)	8.331	4502602	38.261 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.52%
11) S ortho-Terphenyl (SURR)	11.370	9869441	46.608 ug/ml
Spiked Amount 50.000		Recovery =	93.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.291	5695446	29.491 ug/mlm
2) T Naphthalene (C11.7)	5.817	7042540	35.170 ug/ml
3) T 2-Methylnaphthalene (...)	6.866	7498741	37.310 ug/ml
5) T Acenaphthylene (C15.06)	8.136	8584037	46.670 ug/ml
7) T Acenaphthene (C15.5)	8.432	8394732	42.855 ug/ml
8) T Flouorene (C16.55)	9.211	9098068	49.187 ug/ml
9) T Phenanthrene (C19.36)	10.600	9345687	52.532 ug/ml
10) T Anthracene (C19.43)	10.675	9102770	53.414 ug/ml
12) T Fluoranthene (C21.85)	12.404	9531530	55.188 ug/ml
13) T Pyrene (C20.8)	12.699	9457862	56.880 ug/ml
14) T Benzo[a]anthracene (C...	14.562	8329452	59.203 ug/ml
15) T Chrysene (C27.41)	14.606	8382488	53.749 ug/ml
16) T benzo[b]fluoranthene ...	16.105	8073628	56.410 ug/ml
17) T Bnezo[k]fluoranthene ...	16.141	7900532	53.964 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.481	7532265	53.738 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.841	7837585	62.041 ug/mlm
20) T Dibenz[a,h]anthracene...	17.881	7133510	51.062 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.094	7332518	52.516 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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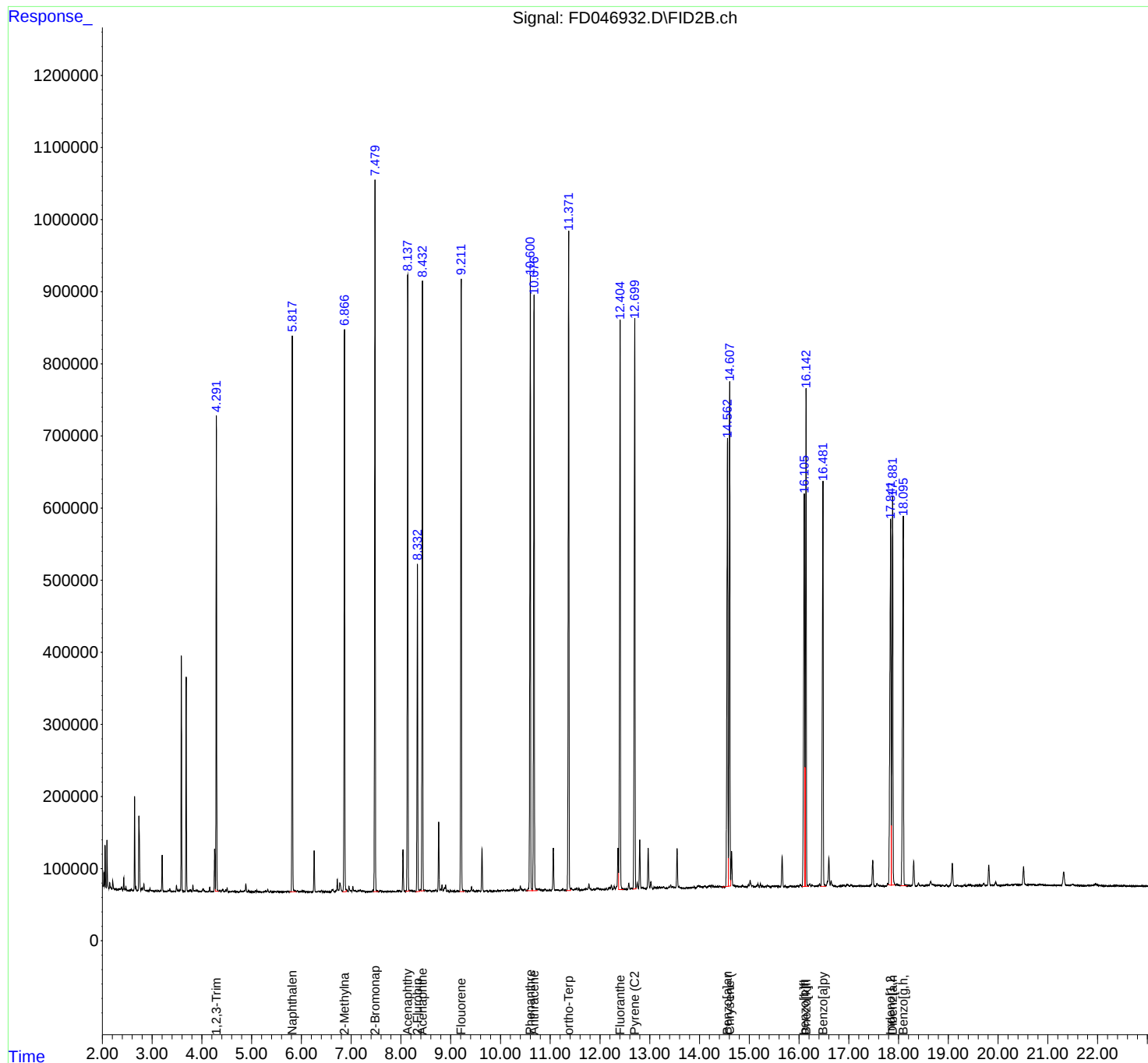
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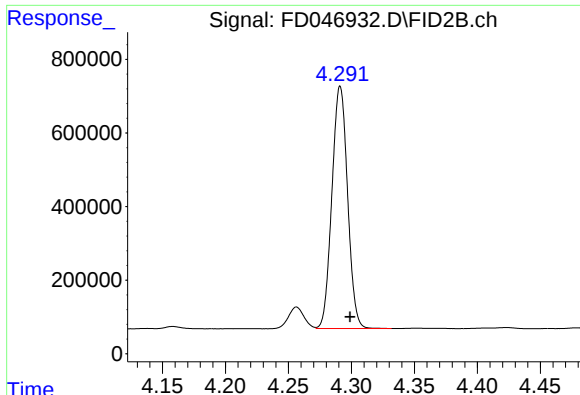
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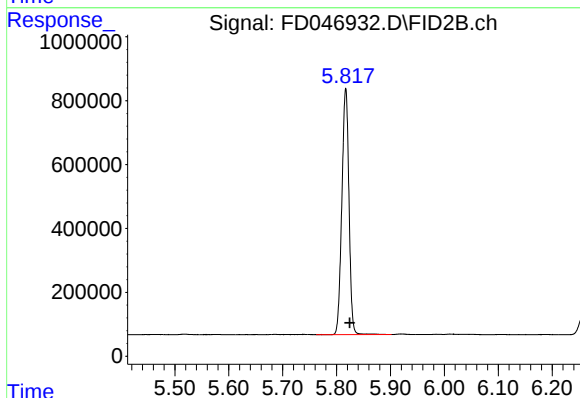
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.291 min
Delta R.T.: -0.008 min
Response: 5695446
Conc: 29.49 ug/ml

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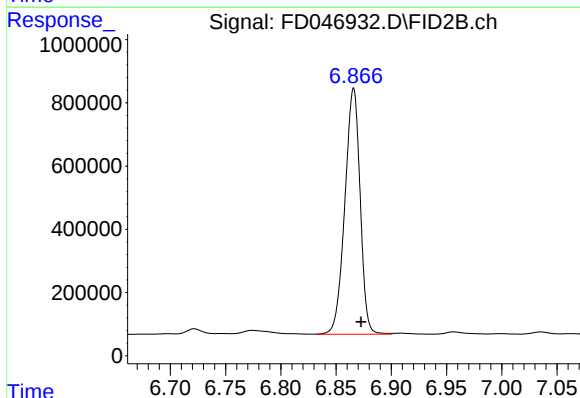
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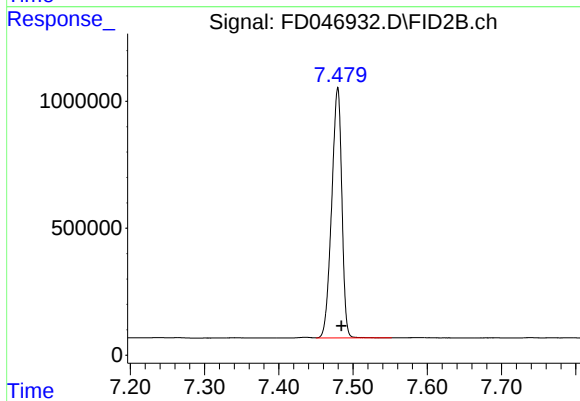
#2 Naphthalene (C11.7)

R.T.: 5.817 min
Delta R.T.: -0.008 min
Response: 7042540
Conc: 35.17 ug/ml



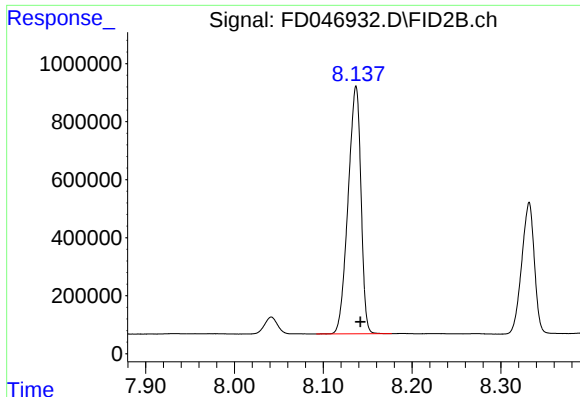
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.866 min
Delta R.T.: -0.007 min
Response: 7498741
Conc: 37.31 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.479 min
Delta R.T.: -0.006 min
Response: 9393611
Conc: 51.51 ug/ml



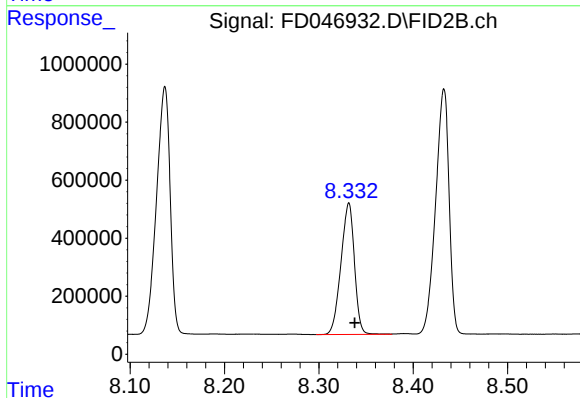
#5 Acenaphthylene (C15.06)

R.T.: 8.136 min
Delta R.T.: -0.005 min
Response: 8584037
Conc: 46.67 ug/ml

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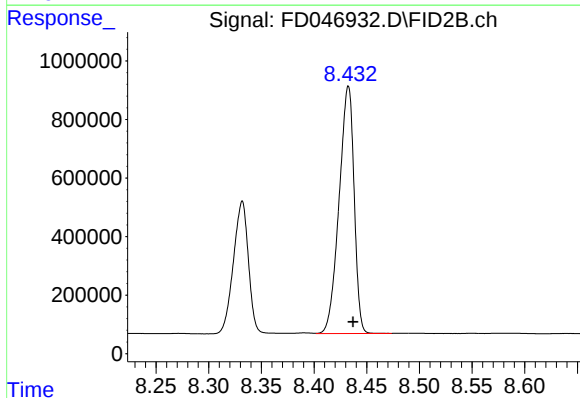
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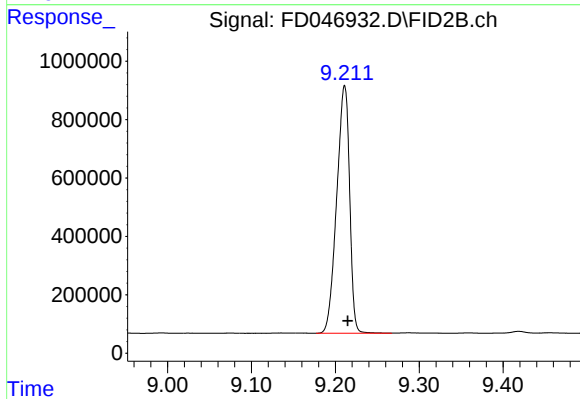
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.331 min
Delta R.T.: -0.007 min
Response: 4502602
Conc: 38.26 ug/ml



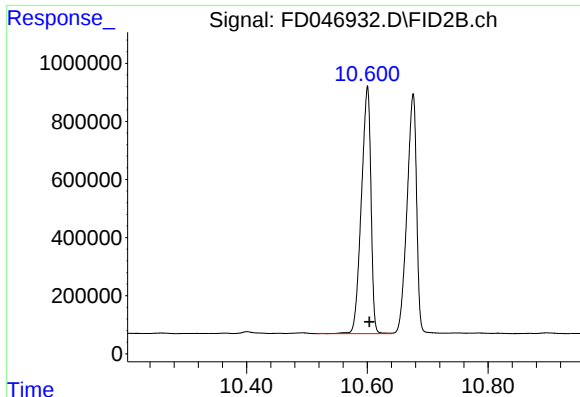
#7 Acenaphthene (C15.5)

R.T.: 8.432 min
Delta R.T.: -0.005 min
Response: 8394732
Conc: 42.86 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.211 min
Delta R.T.: -0.004 min
Response: 9098068
Conc: 49.19 ug/ml



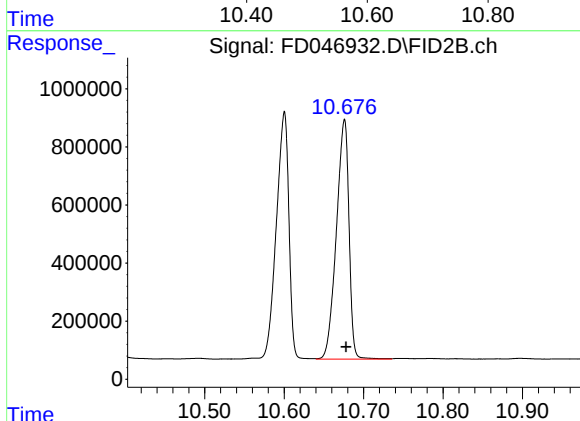
#9 Phenanthrene (C19.36)

R.T.: 10.600 min
Delta R.T.: -0.004 min
Response: 9345687
Conc: 52.53 ug/ml

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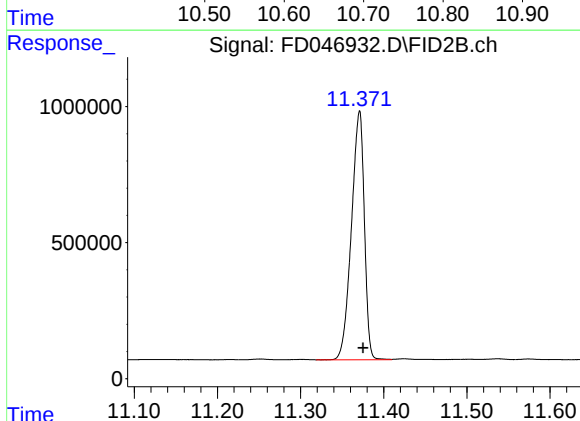
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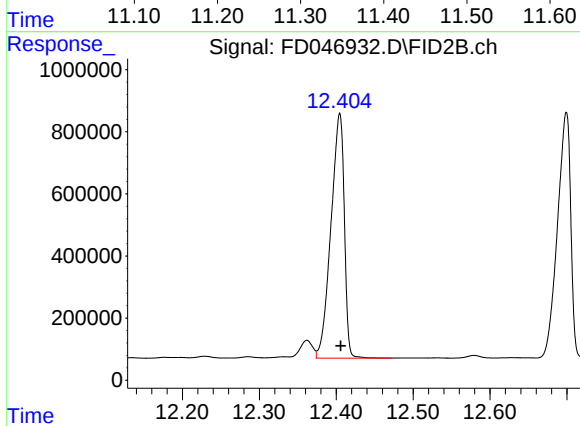
#10 Anthracene (C19.43)

R.T.: 10.675 min
Delta R.T.: -0.003 min
Response: 9102770
Conc: 53.41 ug/ml



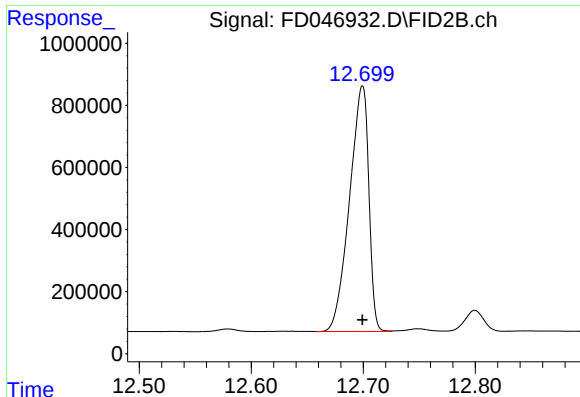
#11 ortho-Terphenyl (SURR)

R.T.: 11.370 min
Delta R.T.: -0.005 min
Response: 9869441
Conc: 46.61 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.404 min
Delta R.T.: -0.002 min
Response: 9531530
Conc: 55.19 ug/ml



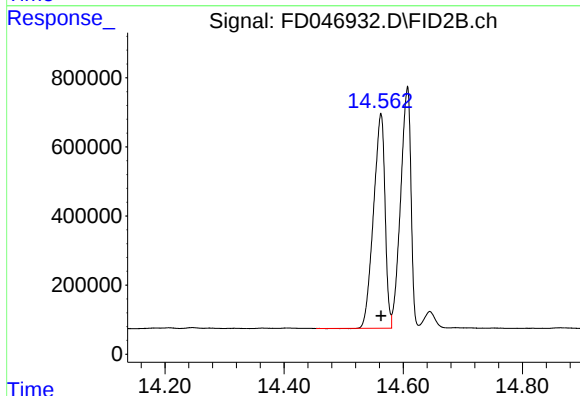
#13 Pyrene (C20.8)

R.T.: 12.699 min
Delta R.T.: 0.000 min
Response: 9457862
Conc: 56.88 ug/ml

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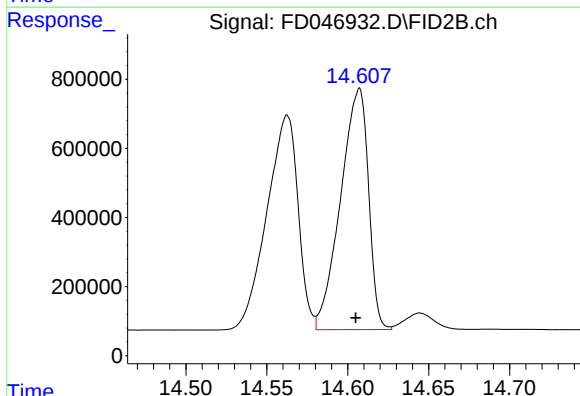
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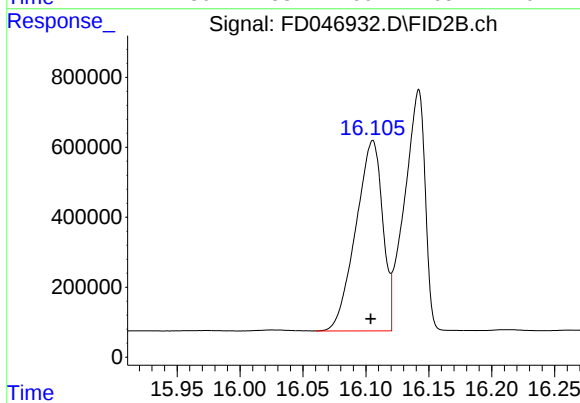
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.562 min
Delta R.T.: 0.000 min
Response: 8329452
Conc: 59.20 ug/ml



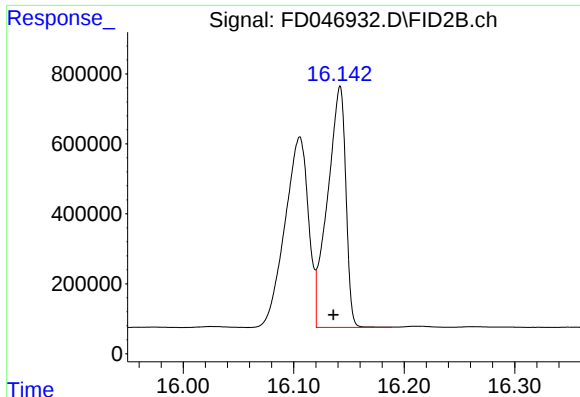
#15 Chrysene (C27.41)

R.T.: 14.606 min
Delta R.T.: 0.001 min
Response: 8382488
Conc: 53.75 ug/ml



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

R.T.: 16.105 min
Delta R.T.: 0.001 min
Response: 8073628
Conc: 56.41 ug/ml



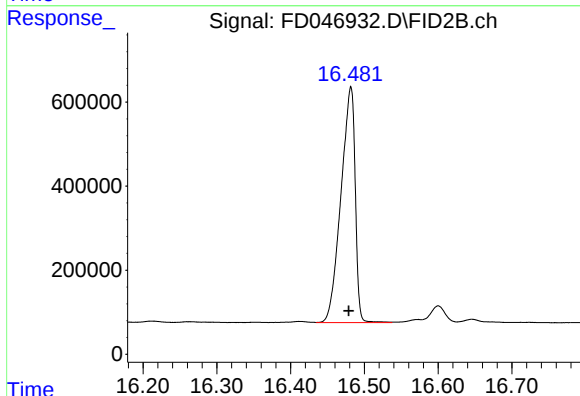
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.141 min
Delta R.T.: 0.005 min
Response: 7900532
Conc: 53.96 ug/ml

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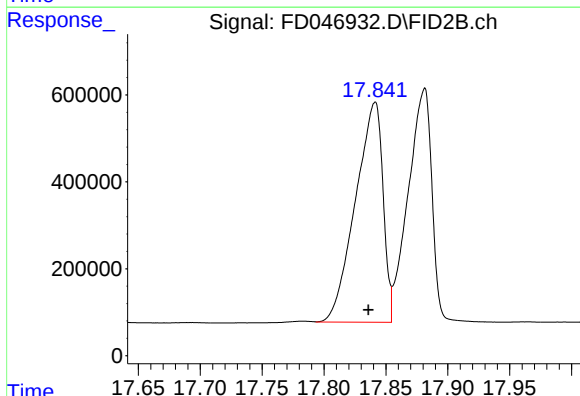
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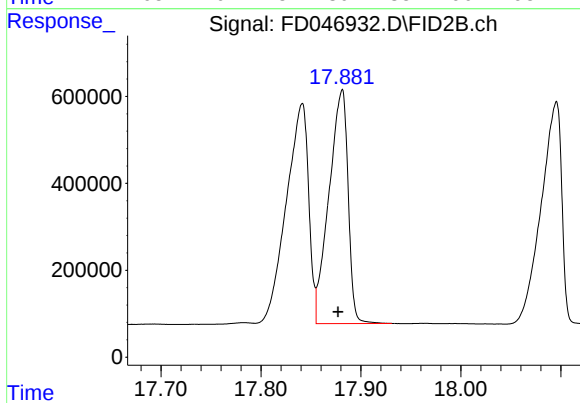
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.481 min
Delta R.T.: 0.002 min
Response: 7532265
Conc: 53.74 ug/ml



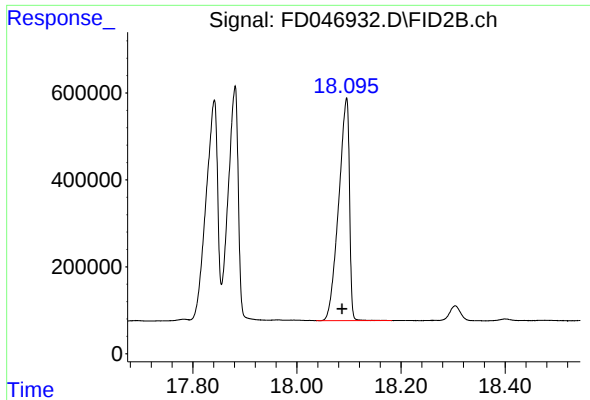
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.841 min
Delta R.T.: 0.005 min
Response: 7837585
Conc: 62.04 ug/ml m



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

R.T.: 17.881 min
Delta R.T.: 0.004 min
Response: 7133510
Conc: 51.06 ug/ml m



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

R.T.: 18.094 min
Delta R.T.: 0.007 min
Response: 7332518
Conc: 52.52 ug/ml

Instrument :

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