

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101424AR\
 Data File : FD048512.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 05:35
 Operator : YP/AJ
 Sample : P4397-02MS
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WB-301-BOTMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e
 Quant Time: Oct 15 07:37:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 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...	7.378	7777959	46.977 ug/ml
Spiked Amount 50.000		Recovery =	93.95%
6) S 2-Fluorobiphenyl (SURR)	8.228	5123618	49.406 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.81%
11) S ortho-Terphenyl (SURR)	11.264	5525403	30.030 ug/ml
Spiked Amount 50.000		Recovery =	60.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.199	5595167	31.926 ug/ml
2) T Naphthalene (C11.7)	5.717	6446889	34.528 ug/ml
3) T 2-Methylnaphthalene (...)	6.764	6418715	33.963 ug/ml
5) T Acenaphthylene (C15.06)	8.030	6877882	35.852 ug/ml
7) T Acenaphthene (C15.5)	8.326	7352530	38.870 ug/ml
8) T Flouorene (C16.55)	9.104	7303607	40.424 ug/ml
9) T Phenanthrene (C19.36)	10.493	7715115	43.532 ug/ml
10) T Anthracene (C19.43)	10.568	7384351	41.499 ug/ml
12) T Fluoranthene (C21.85)	12.298	7458759	41.237 ug/mlm
13) T Pyrene (C20.8)	12.592	7738696	43.216 ug/ml
14) T Benzo[a]anthracene (C...	14.461	6732081	42.124 ug/ml
15) T Chrysene (C27.41)	14.504	6808999	36.504 ug/ml
16) T benzo[b]fluoranthene ...	16.009	6592635	39.586 ug/ml
17) T Bnezo[k]fluoranthene ...	16.043	6500637	38.296 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.385	6346760	38.832 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.753	6928126	52.669 ug/ml
20) T Dibenz[a,h]anthracene...	17.790	6315167	37.740 ug/ml
21) T Benzo[g,h,i]perylene ...	18.003	6100579	37.559 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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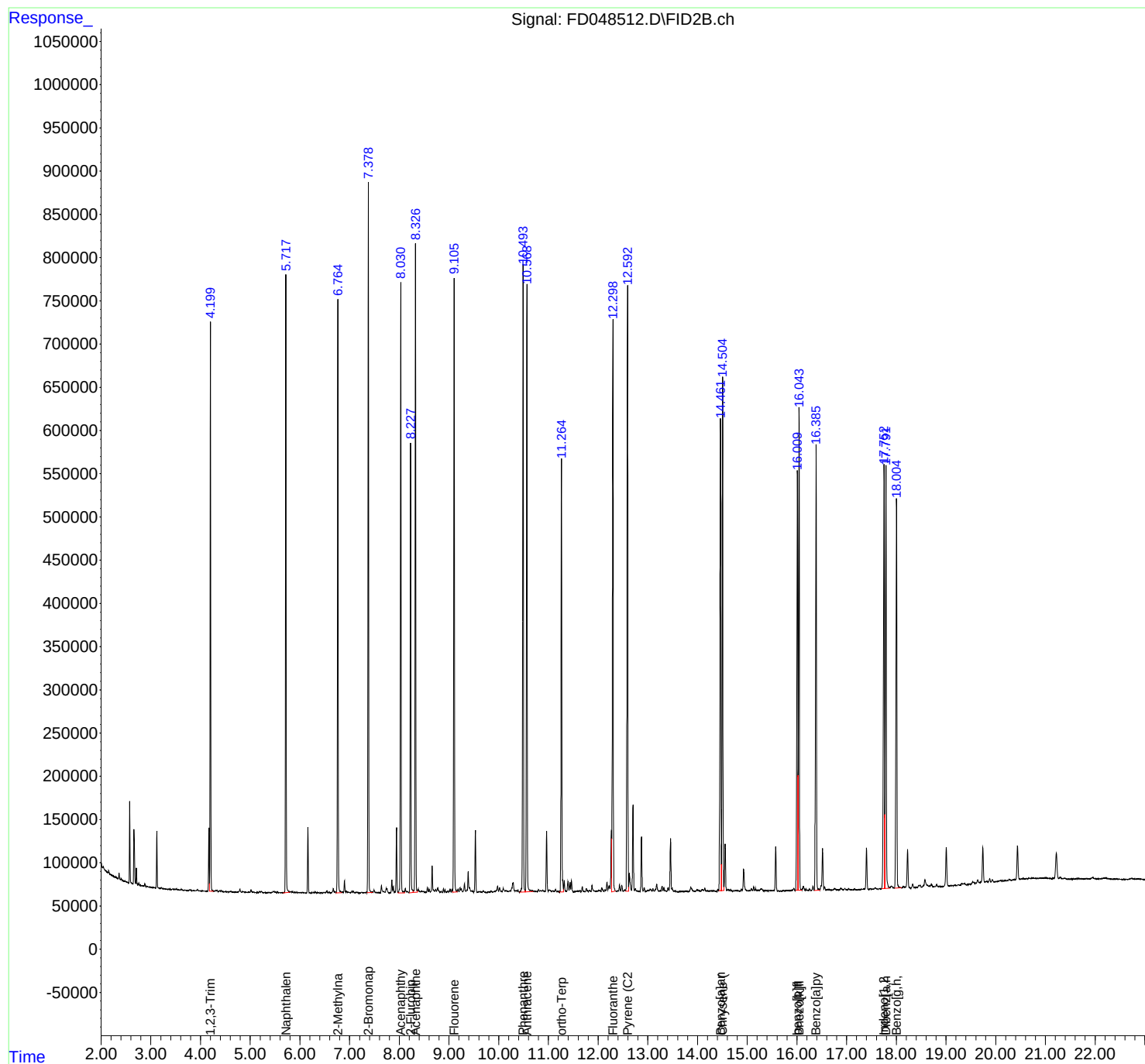
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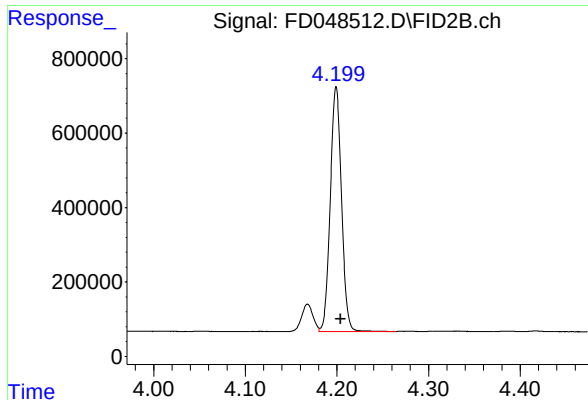
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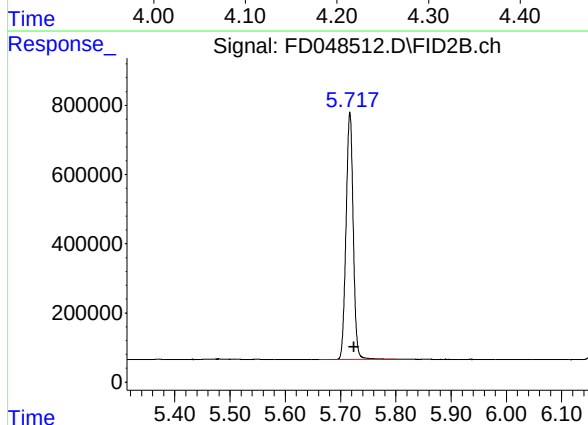
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.199 min
Delta R.T.: -0.005 min
Response: 5595167
Conc: 31.93 ug/ml

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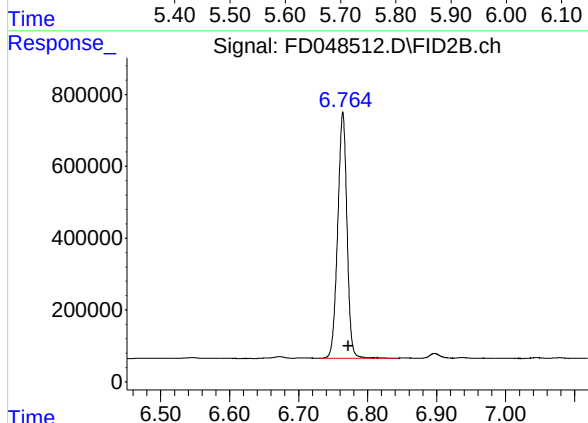
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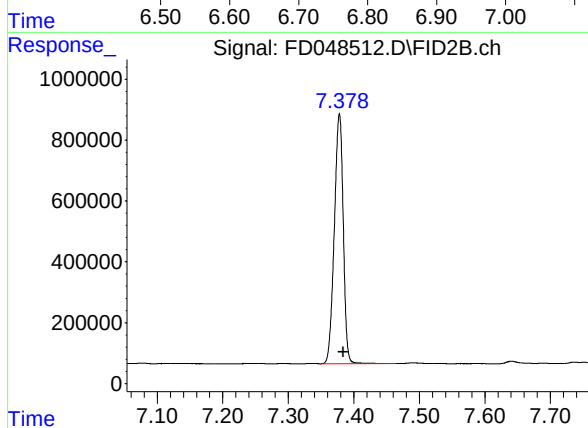
#2 Naphthalene (C11.7)

R.T.: 5.717 min
Delta R.T.: -0.008 min
Response: 6446889
Conc: 34.53 ug/ml



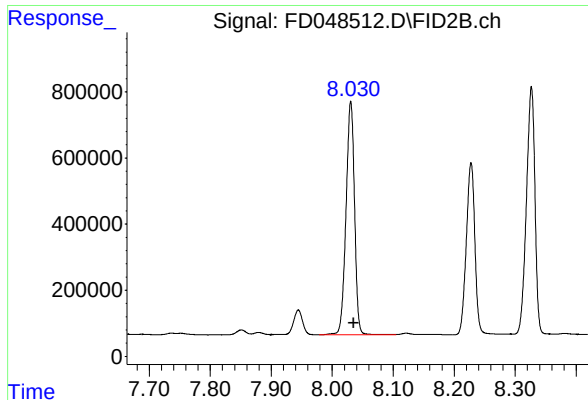
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.764 min
Delta R.T.: -0.008 min
Response: 6418715
Conc: 33.96 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.378 min
Delta R.T.: -0.006 min
Response: 7777959
Conc: 46.98 ug/ml



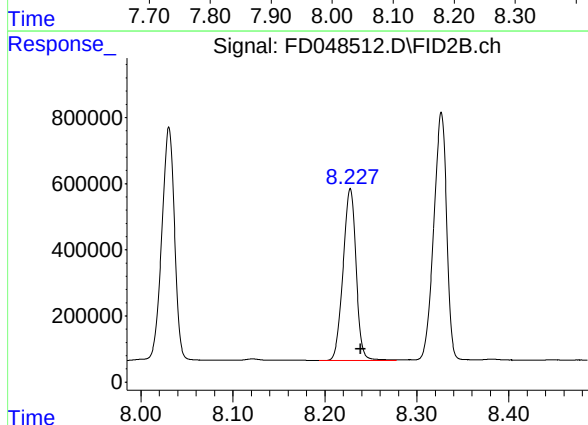
#5 Acenaphthylene (C15.06)

R.T.: 8.030 min
Delta R.T.: -0.005 min
Response: 6877882
Conc: 35.85 ug/ml

Instrument :
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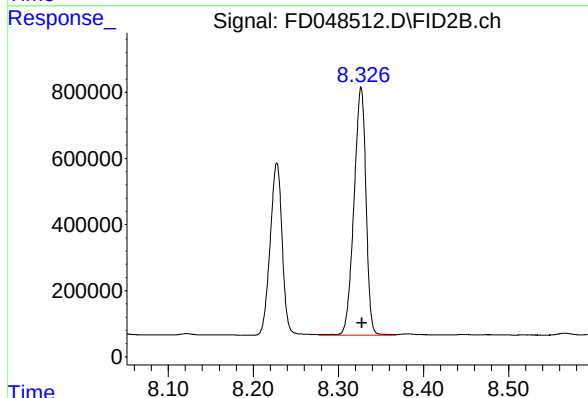
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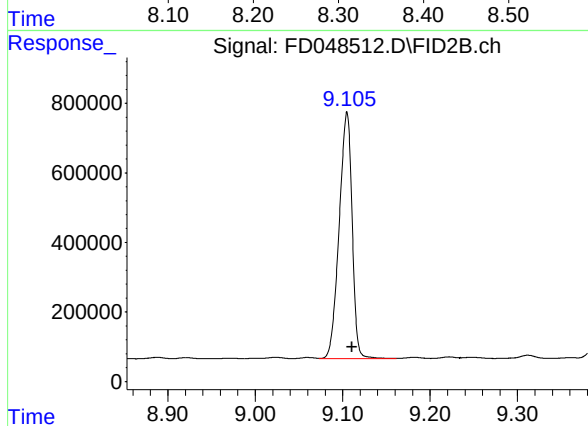
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.228 min
Delta R.T.: -0.011 min
Response: 5123618
Conc: 49.41 ug/ml



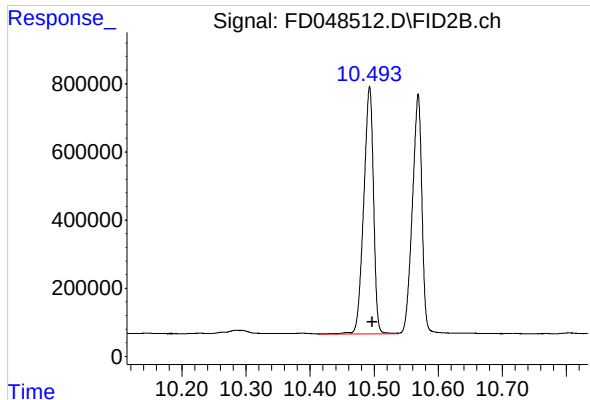
#7 Acenaphthene (C15.5)

R.T.: 8.326 min
Delta R.T.: -0.001 min
Response: 7352530
Conc: 38.87 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.104 min
Delta R.T.: -0.006 min
Response: 7303607
Conc: 40.42 ug/ml



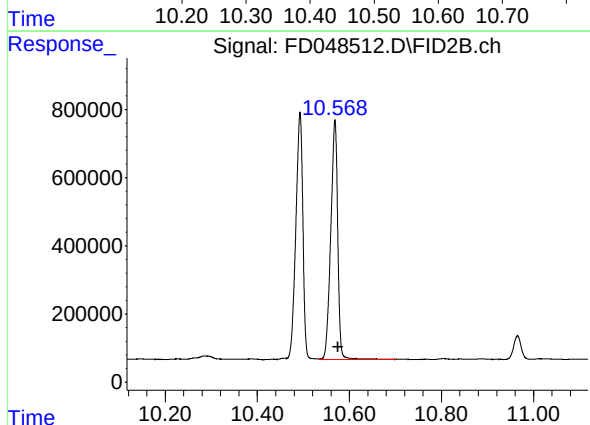
#9 Phenanthrene (C19.36)

R.T.: 10.493 min
Delta R.T.: -0.005 min
Response: 7715115
Conc: 43.53 ug/ml

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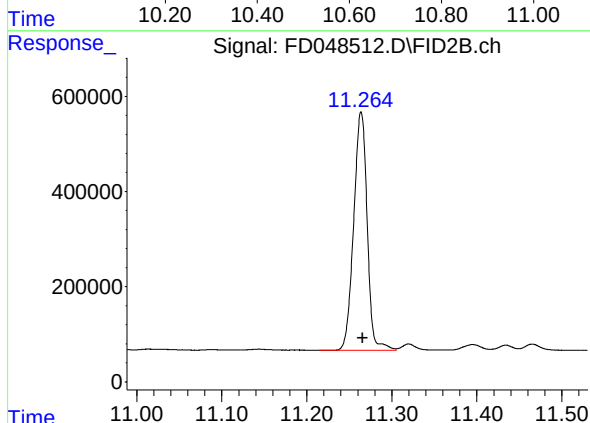
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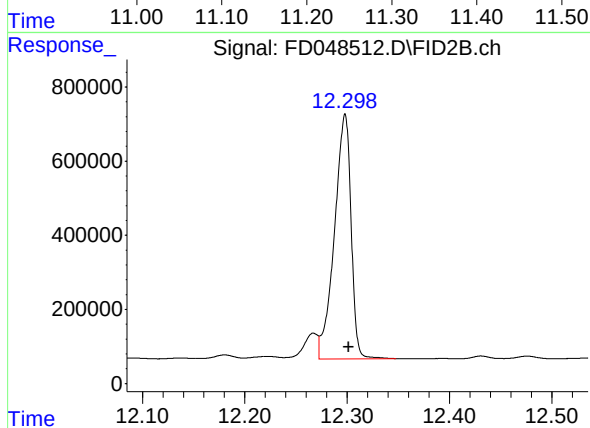
#10 Anthracene (C19.43)

R.T.: 10.568 min
Delta R.T.: -0.007 min
Response: 7384351
Conc: 41.50 ug/ml



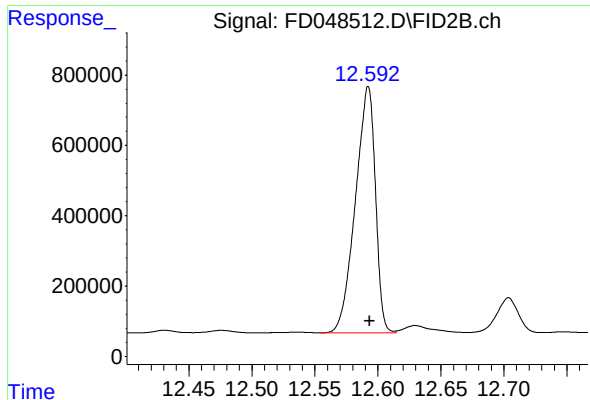
#11 ortho-Terphenyl (SURR)

R.T.: 11.264 min
Delta R.T.: -0.002 min
Response: 5525403
Conc: 30.03 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.298 min
Delta R.T.: -0.004 min
Response: 7458759
Conc: 41.24 ug/ml m



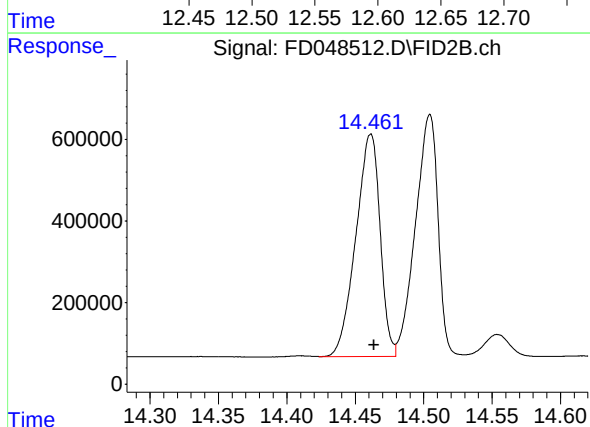
#13 Pyrene (C20.8)

R.T.: 12.592 min
Delta R.T.: -0.002 min
Response: 7738696
Conc: 43.22 ug/ml

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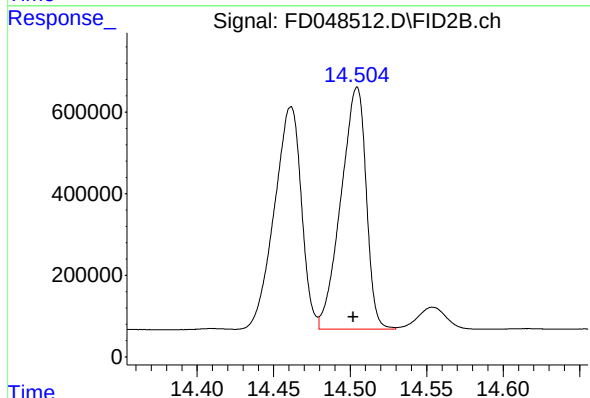
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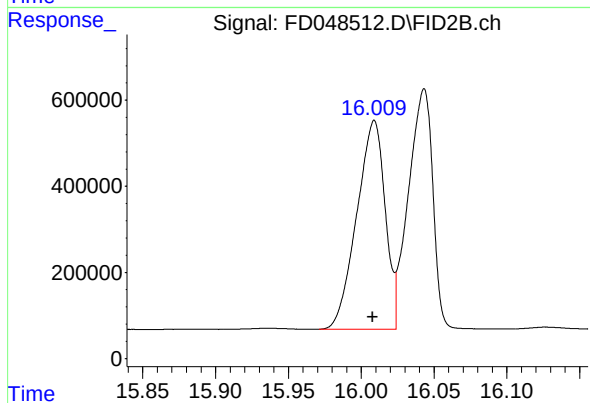
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.461 min
Delta R.T.: -0.003 min
Response: 6732081
Conc: 42.12 ug/ml



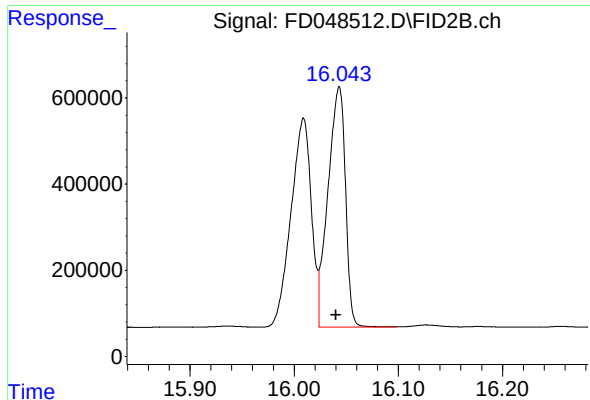
#15 Chrysene (C27.41)

R.T.: 14.504 min
Delta R.T.: 0.002 min
Response: 6808999
Conc: 36.50 ug/ml



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

R.T.: 16.009 min
Delta R.T.: 0.000 min
Response: 6592635
Conc: 39.59 ug/ml



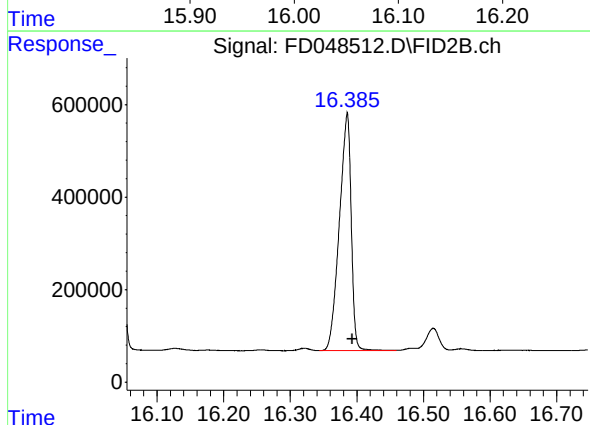
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.043 min
Delta R.T.: 0.002 min
Response: 6500637
Conc: 38.30 ug/ml

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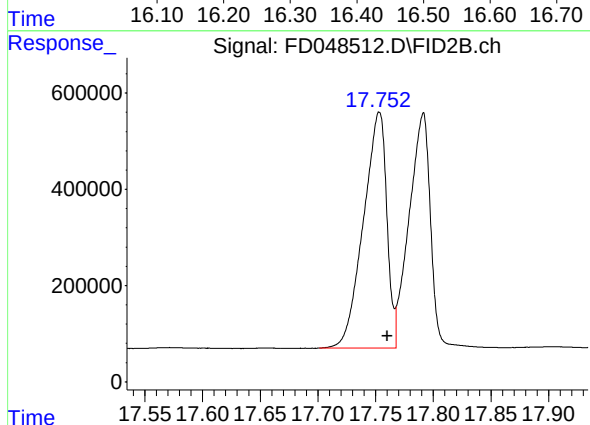
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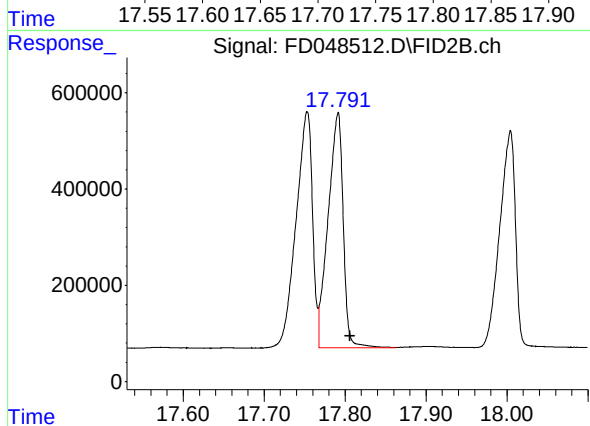
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.385 min
Delta R.T.: -0.008 min
Response: 6346760
Conc: 38.83 ug/ml



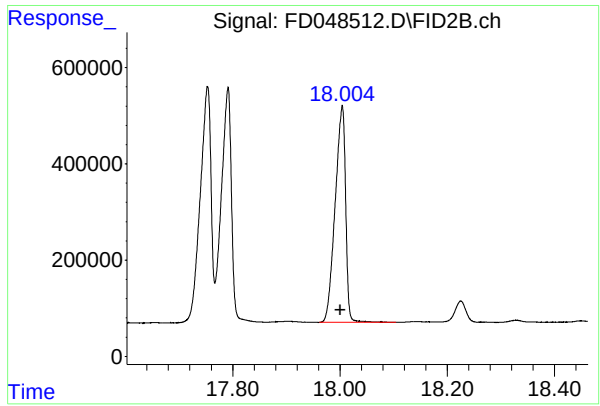
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.753 min
Delta R.T.: -0.007 min
Response: 6928126
Conc: 52.67 ug/ml



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

R.T.: 17.790 min
Delta R.T.: -0.016 min
Response: 6315167
Conc: 37.74 ug/ml



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

R.T.: 18.003 min
Delta R.T.: 0.003 min
Response: 6100579
Conc: 37.56 ug/ml

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