

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101424AR\
 Data File : FD048507.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 01:17
 Operator : YP/AJ
 Sample : PB164109BSD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164109BSD

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 06:02:20 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	7923978	47.859 ug/ml
Spiked Amount 50.000		Recovery =	95.72%
6) S 2-Fluorobiphenyl (SURR)	8.229	5224281	50.377 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.75%
11) S ortho-Terphenyl (SURR)	11.266	7750803	42.125 ug/ml
Spiked Amount 50.000		Recovery =	84.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.199	5878933	33.545 ug/ml
2) T Naphthalene (C11.7)	5.717	6807369	36.459 ug/ml
3) T 2-Methylnaphthalene (...)	6.765	6878593	36.397 ug/ml
5) T Acenaphthylene (C15.06)	8.031	7444078	38.803 ug/ml
7) T Acenaphthene (C15.5)	8.327	7839300	41.444 ug/ml
8) T Flouorene (C16.55)	9.106	7969822	44.112 ug/ml
9) T Phenanthrene (C19.36)	10.494	7976313	45.005 ug/ml
10) T Anthracene (C19.43)	10.570	8076141	45.387 ug/ml
12) T Fluoranthene (C21.85)	12.299	8013647	44.305 ug/mlm
13) T Pyrene (C20.8)	12.593	8351742	46.640 ug/ml
14) T Benzo[a]anthracene (C...	14.462	7437285	46.537 ug/ml
15) T Chrysene (C27.41)	14.506	7529202	40.365 ug/ml
16) T benzo[b]fluoranthene ...	16.010	7292285	43.787 ug/ml
17) T Bnezo[k]fluoranthene ...	16.045	7290415	42.948 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.387	7001803	42.839 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.754	7356701	55.928 ug/ml
20) T Dibenz[a,h]anthracene...	17.792	7025640	41.986 ug/ml
21) T Benzo[g,h,i]perylene ...	18.005	6694344	41.215 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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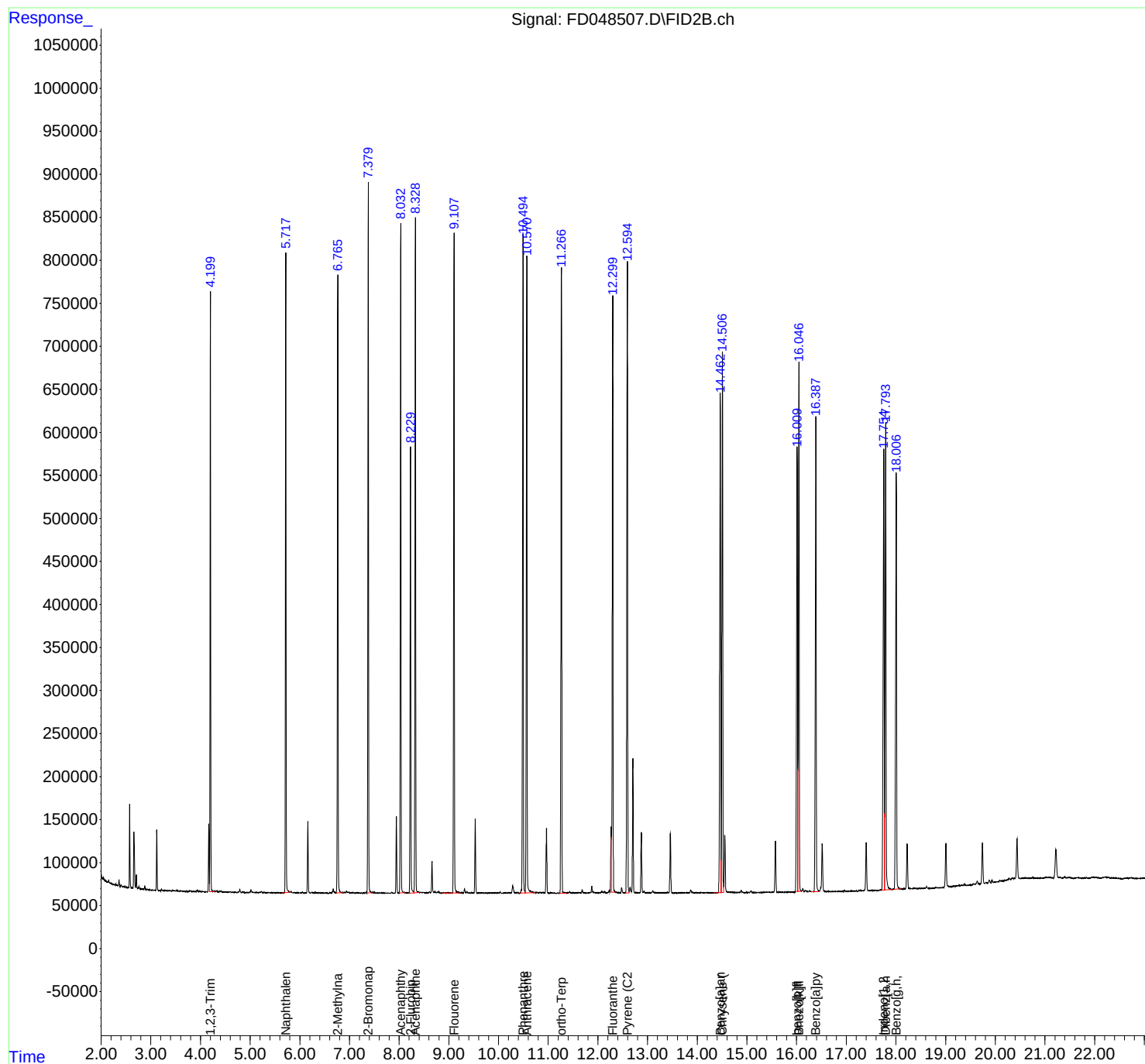
Response via : Initial Calibration

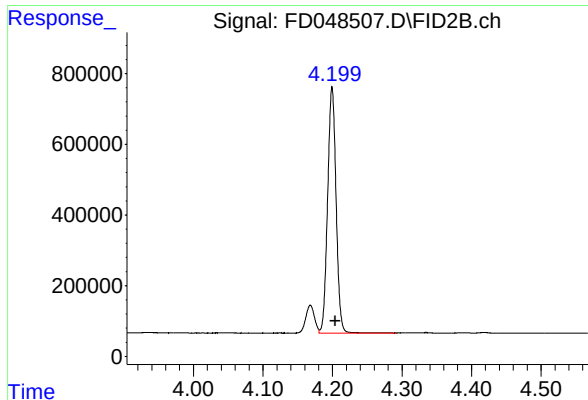
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.199 min
Delta R.T.: -0.005 min
Response: 5878933
Conc: 33.54 ug/ml

Instrument :

FID_D

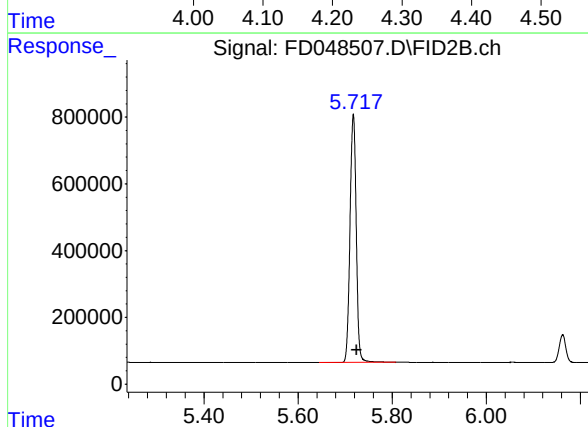
ClientSampleId :

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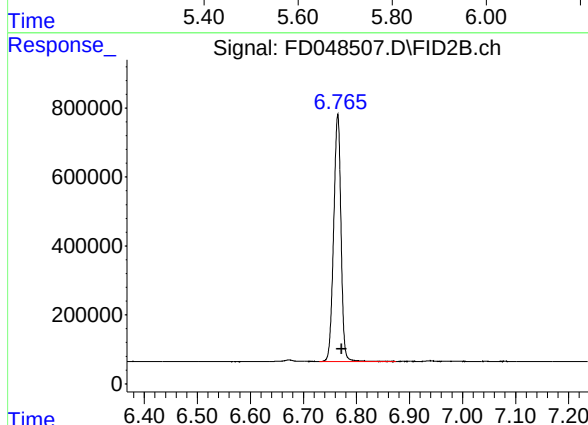
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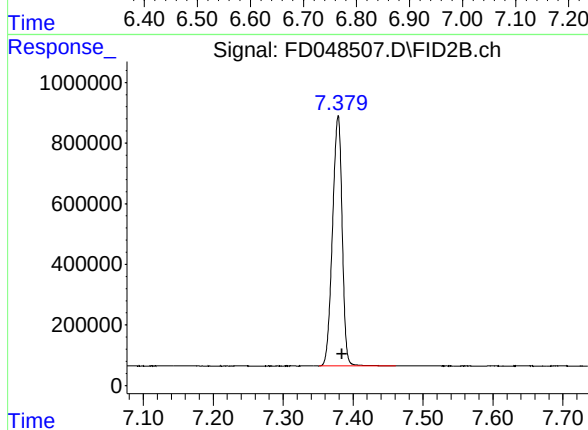
#2 Naphthalene (C11.7)

R.T.: 5.717 min
Delta R.T.: -0.007 min
Response: 6807369
Conc: 36.46 ug/ml



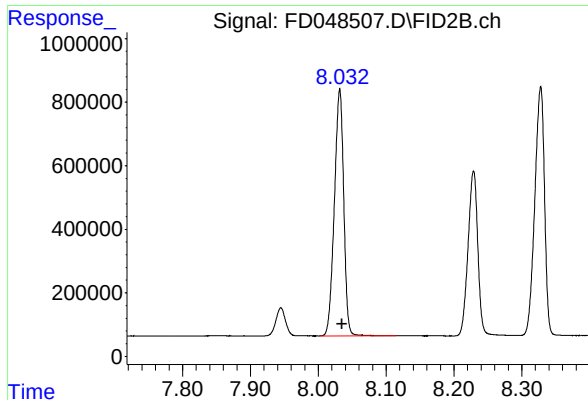
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.765 min
Delta R.T.: -0.007 min
Response: 6878593
Conc: 36.40 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.378 min
Delta R.T.: -0.006 min
Response: 7923978
Conc: 47.86 ug/ml



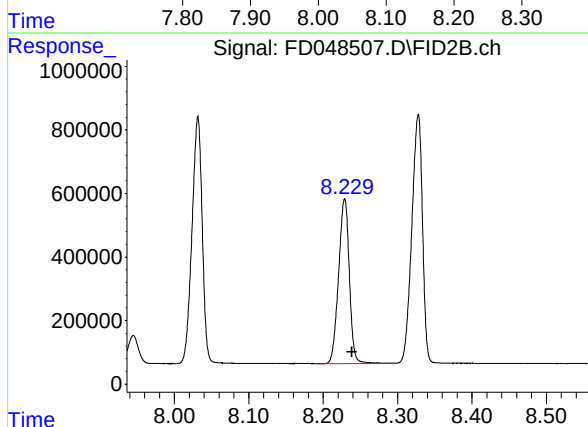
#5 Acenaphthylene (C15.06)

R.T.: 8.031 min
Delta R.T.: -0.004 min
Response: 7444078
Conc: 38.80 ug/ml

Instrument :
FID_D
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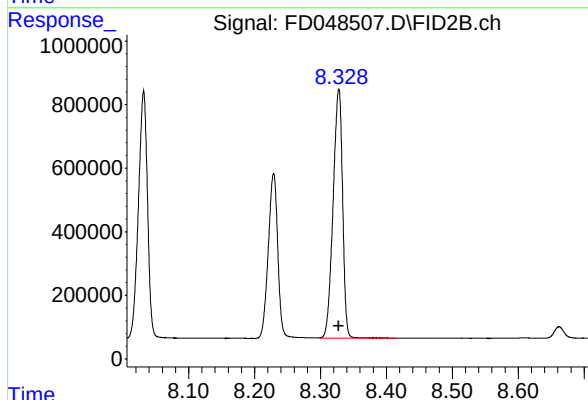
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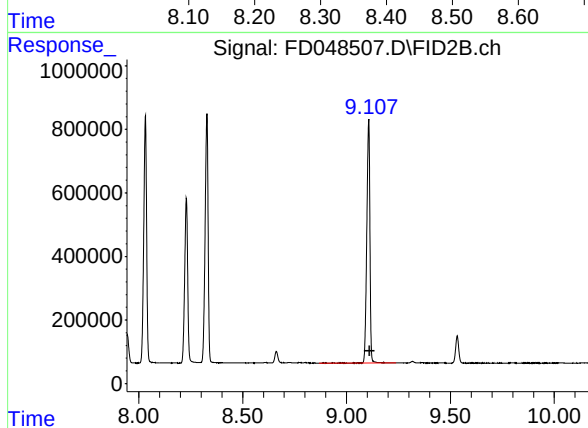
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.229 min
Delta R.T.: -0.010 min
Response: 5224281
Conc: 50.38 ug/ml



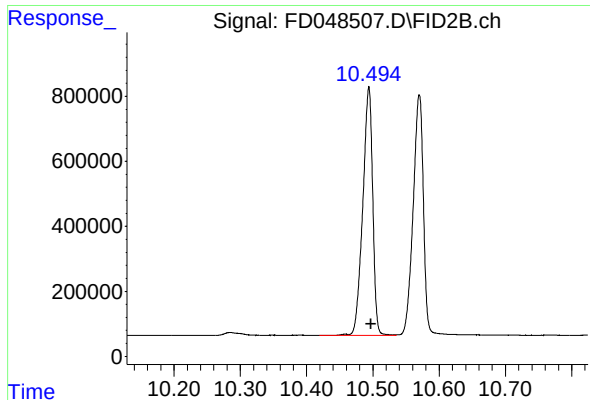
#7 Acenaphthene (C15.5)

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 7839300
Conc: 41.44 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.106 min
Delta R.T.: -0.005 min
Response: 7969822
Conc: 44.11 ug/ml



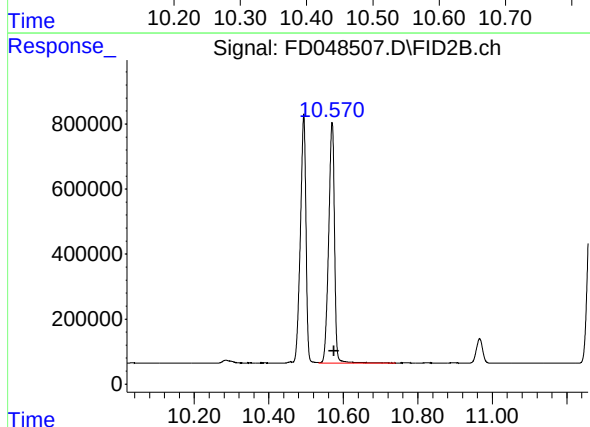
#9 Phenanthrene (C19.36)

R.T.: 10.494 min
Delta R.T.: -0.003 min
Response: 7976313
Conc: 45.01 ug/ml

Instrument :
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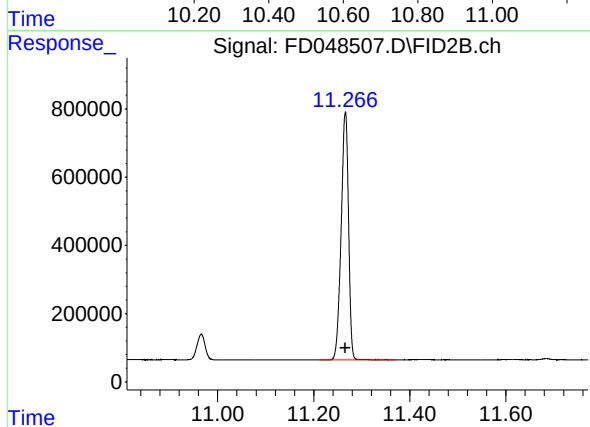
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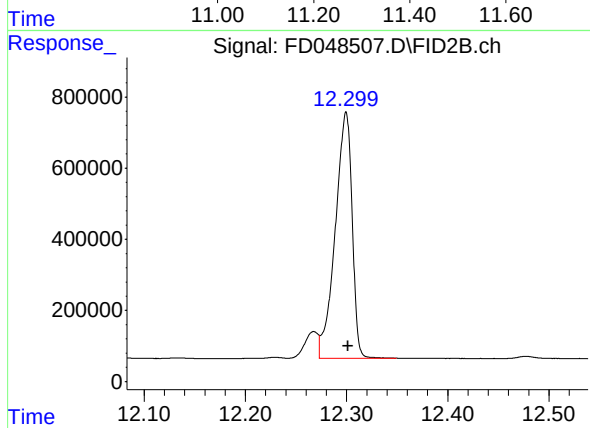
#10 Anthracene (C19.43)

R.T.: 10.570 min
Delta R.T.: -0.006 min
Response: 8076141
Conc: 45.39 ug/ml



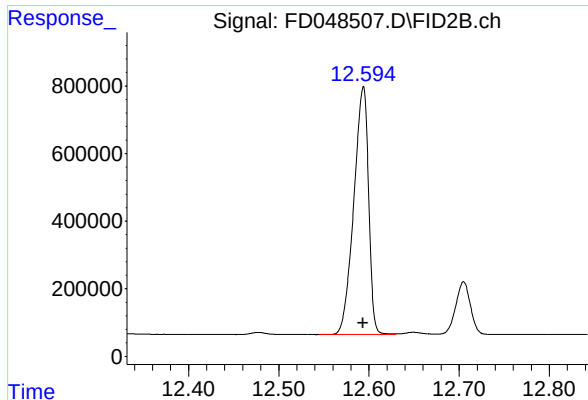
#11 ortho-Terphenyl (SURR)

R.T.: 11.266 min
Delta R.T.: 0.000 min
Response: 7750803
Conc: 42.12 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.299 min
Delta R.T.: -0.002 min
Response: 8013647
Conc: 44.31 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.593 min
Delta R.T.: 0.000 min
Response: 8351742
Conc: 46.64 ug/ml

Instrument :

FID_D

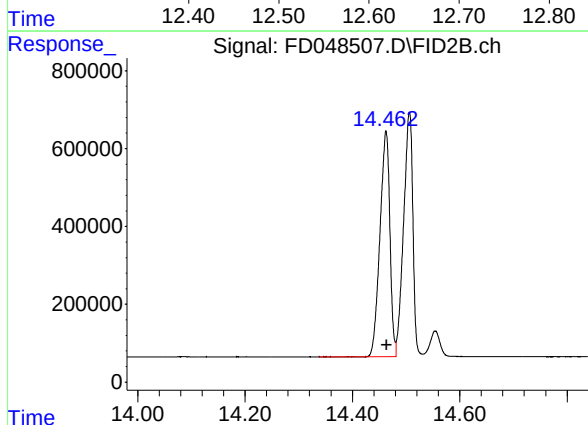
ClientSampleId :

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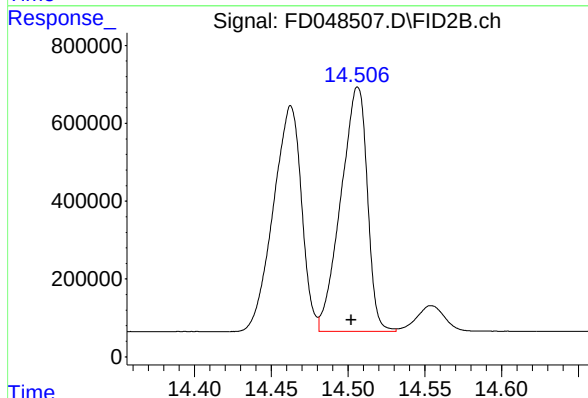
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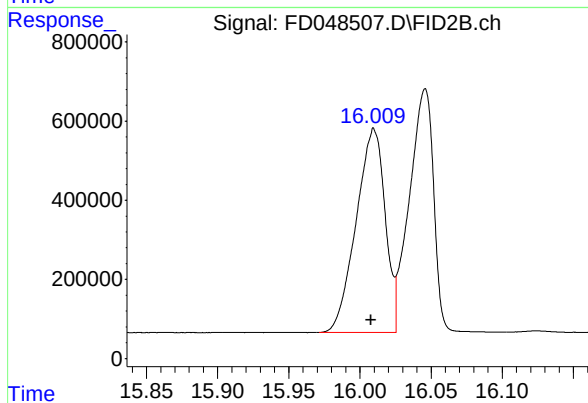
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.462 min
Delta R.T.: -0.001 min
Response: 7437285
Conc: 46.54 ug/ml



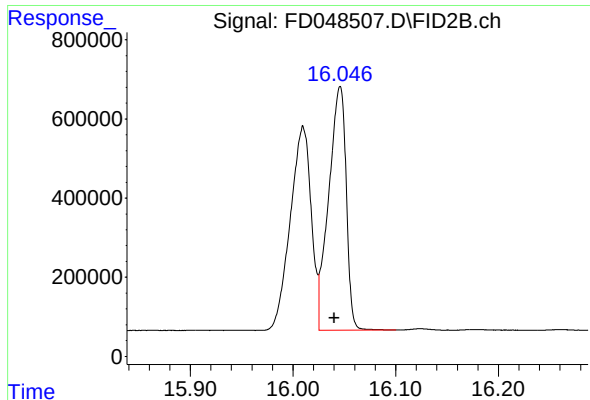
#15 Chrysene (C27.41)

R.T.: 14.506 min
Delta R.T.: 0.004 min
Response: 7529202
Conc: 40.37 ug/ml



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

R.T.: 16.010 min
Delta R.T.: 0.002 min
Response: 7292285
Conc: 43.79 ug/ml



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

R.T.: 16.045 min
Delta R.T.: 0.005 min
Response: 7290415
Conc: 42.95 ug/ml

Instrument :

FID_D

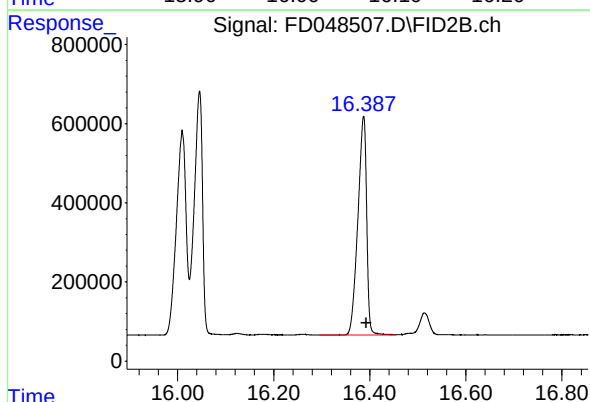
ClientSampleId :

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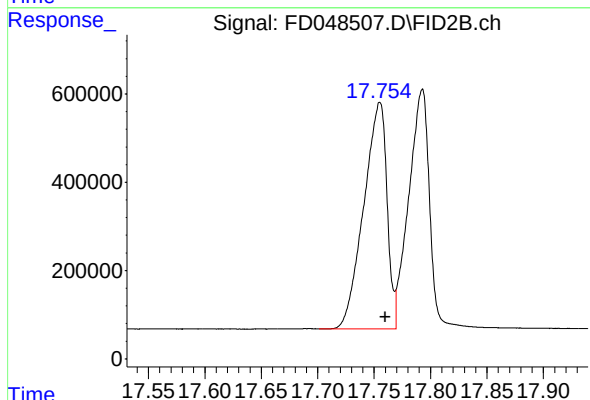
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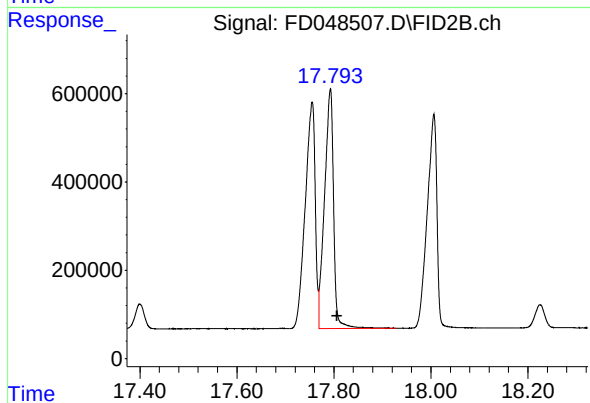
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.387 min
Delta R.T.: -0.006 min
Response: 7001803
Conc: 42.84 ug/ml



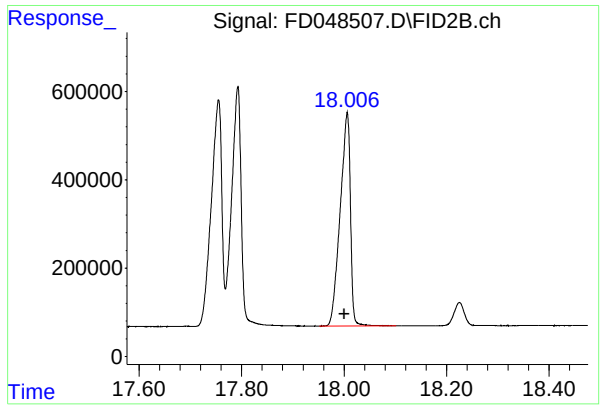
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.754 min
Delta R.T.: -0.006 min
Response: 7356701
Conc: 55.93 ug/ml



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

R.T.: 17.792 min
Delta R.T.: -0.015 min
Response: 7025640
Conc: 41.99 ug/ml



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

R.T.: 18.005 min
Delta R.T.: 0.005 min
Response: 6694344
Conc: 41.22 ug/ml

Instrument :

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