

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101424AR\
 Data File : FD048506.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 00:39
 Operator : YP/AJ
 Sample : PB164109BS
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164109BS

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 06:02:11 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	7909909	47.774 ug/ml
Spiked Amount 50.000		Recovery =	95.55%
6) S 2-Fluorobiphenyl (SURR)	8.229	5220465	50.340 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.68%
11) S ortho-Terphenyl (SURR)	11.267	7694917	41.821 ug/ml
Spiked Amount 50.000		Recovery =	83.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.200	5853250	33.398 ug/ml
2) T Naphthalene (C11.7)	5.718	6798292	36.410 ug/ml
3) T 2-Methylnaphthalene (...)	6.765	6874022	36.373 ug/ml
5) T Acenaphthylene (C15.06)	8.032	7454668	38.858 ug/ml
7) T Acenaphthene (C15.5)	8.327	7843811	41.467 ug/ml
8) T Flouorene (C16.55)	9.106	7926725	43.873 ug/ml
9) T Phenanthrene (C19.36)	10.493	7941057	44.806 ug/ml
10) T Anthracene (C19.43)	10.570	8046601	45.221 ug/ml
12) T Fluoranthene (C21.85)	12.299	8028761	44.389 ug/mlm
13) T Pyrene (C20.8)	12.593	8305053	46.379 ug/ml
14) T Benzo[a]anthracene (C...	14.463	7373670	46.139 ug/ml
15) T Chrysene (C27.41)	14.505	7477263	40.087 ug/ml
16) T benzo[b]fluoranthene ...	16.010	7268974	43.647 ug/ml
17) T Bnezo[k]fluoranthene ...	16.045	7200782	42.420 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.386	6948811	42.515 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.754	7302059	55.512 ug/ml
20) T Dibenz[a,h]anthracene...	17.791	6962617	41.609 ug/ml
21) T Benzo[g,h,i]perylene ...	18.005	6672732	41.082 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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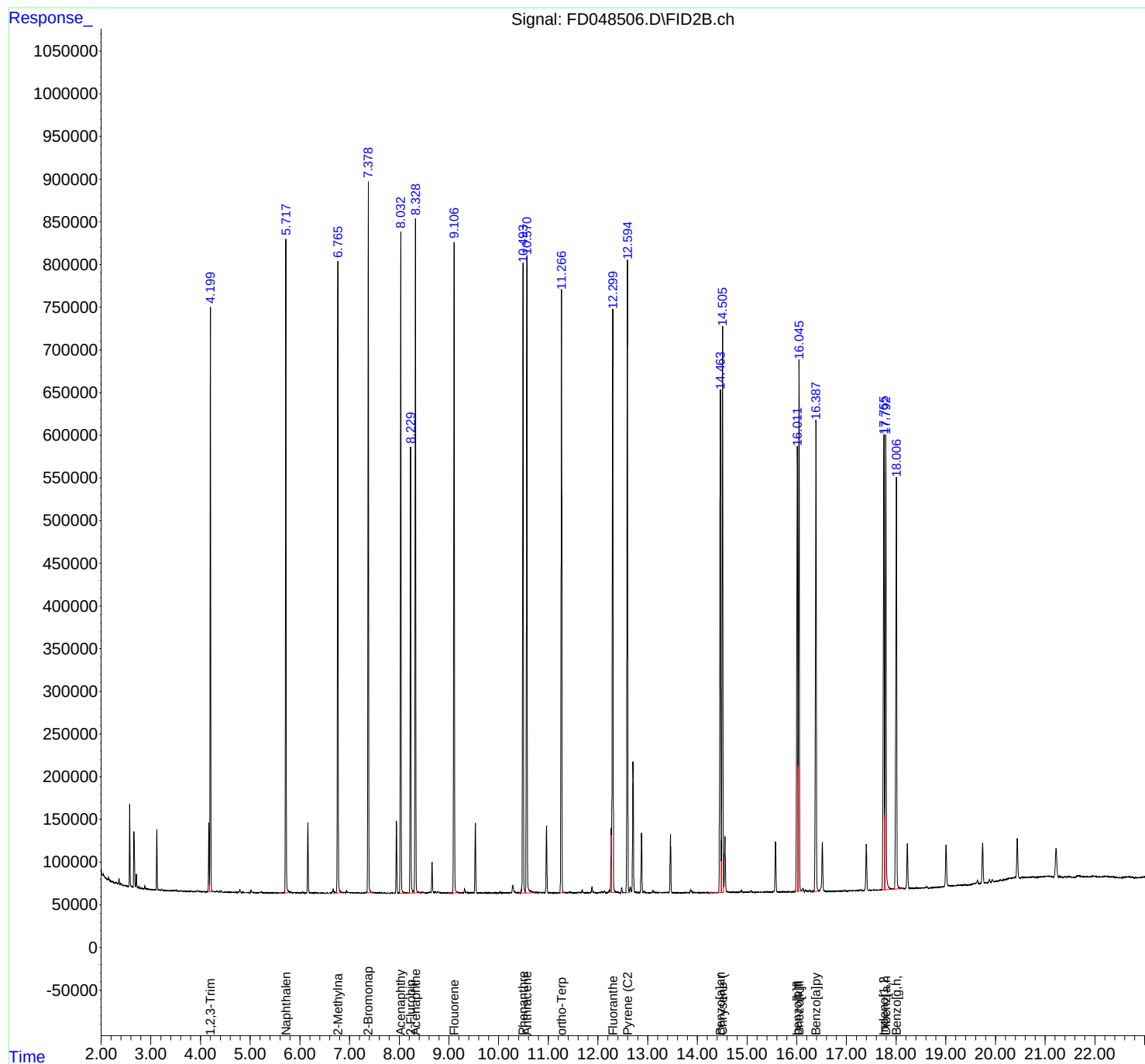
Response via : Initial Calibration

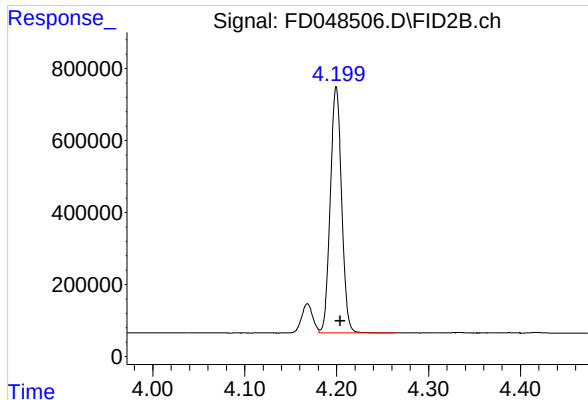
Integrator: ChemStation

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.: 4.200 min
Delta R.T.: -0.004 min
Response: 5853250
Conc: 33.40 ug/ml

Instrument :

FID_D

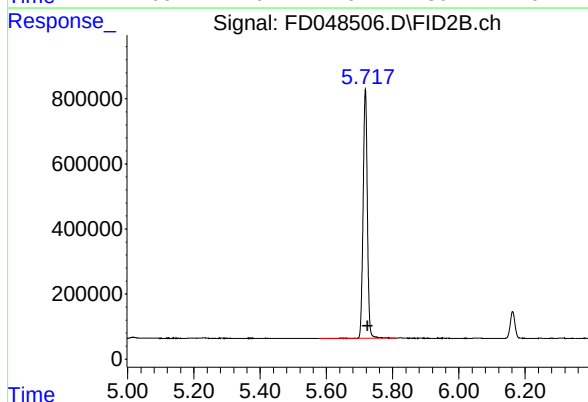
ClientSampleId :

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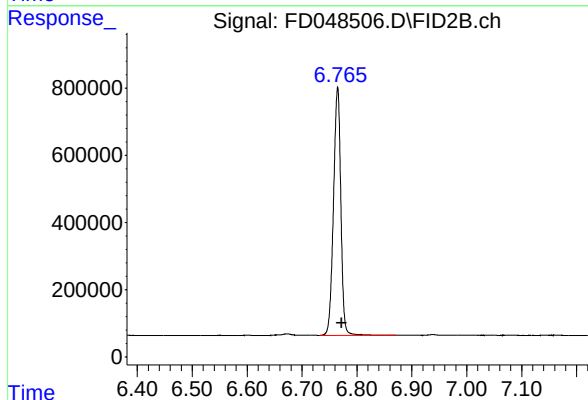
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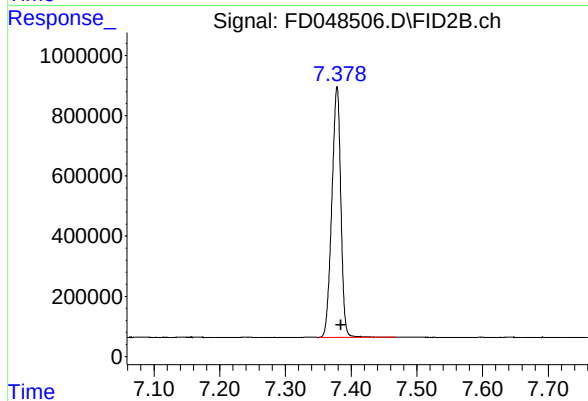
#2 Naphthalene (C11.7)

R.T.: 5.718 min
Delta R.T.: -0.007 min
Response: 6798292
Conc: 36.41 ug/ml



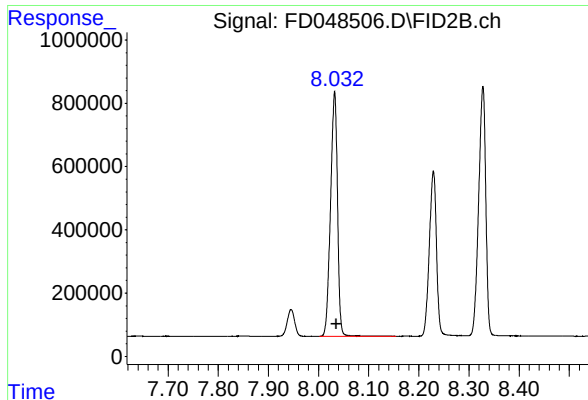
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.765 min
Delta R.T.: -0.007 min
Response: 6874022
Conc: 36.37 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.378 min
Delta R.T.: -0.006 min
Response: 7909909
Conc: 47.77 ug/ml



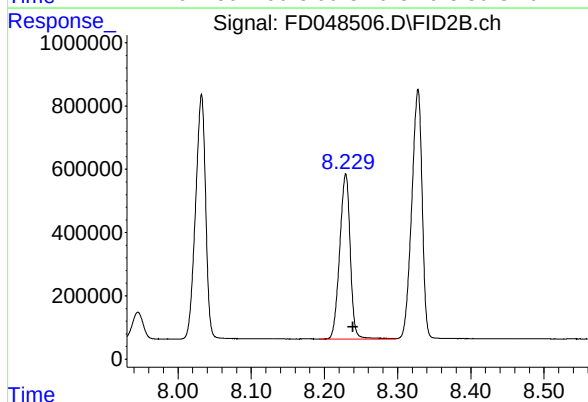
#5 Acenaphthylene (C15.06)

R.T.: 8.032 min
Delta R.T.: -0.004 min
Response: 7454668
Conc: 38.86 ug/ml

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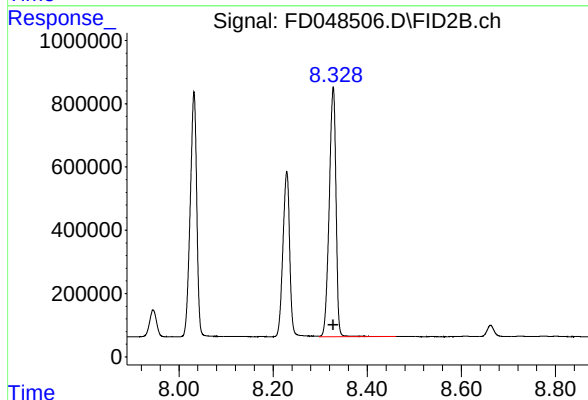
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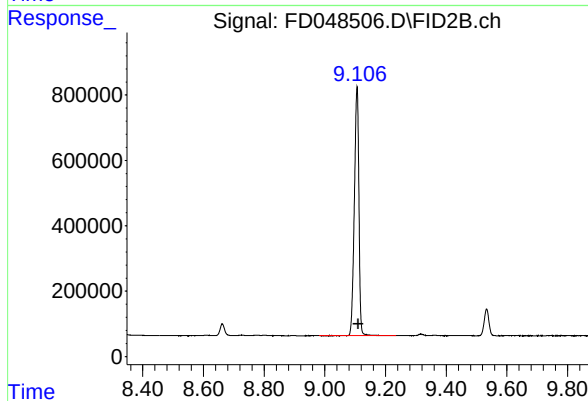
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.229 min
Delta R.T.: -0.010 min
Response: 5220465
Conc: 50.34 ug/ml



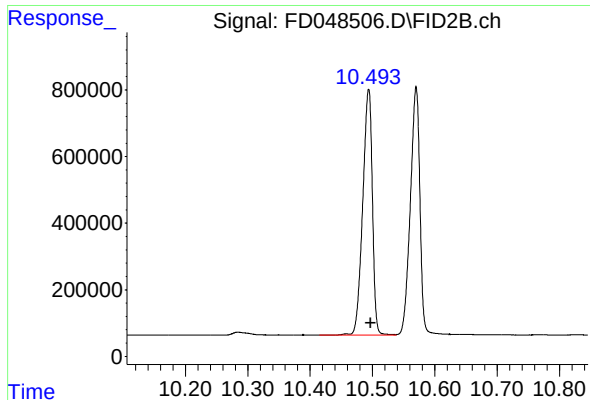
#7 Acenaphthene (C15.5)

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 7843811
Conc: 41.47 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.106 min
Delta R.T.: -0.005 min
Response: 7926725
Conc: 43.87 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.493 min
Delta R.T.: -0.004 min
Response: 7941057
Conc: 44.81 ug/ml

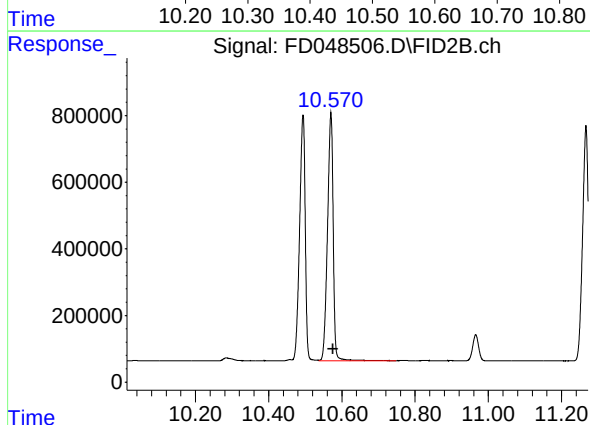
Instrument :

FID_D

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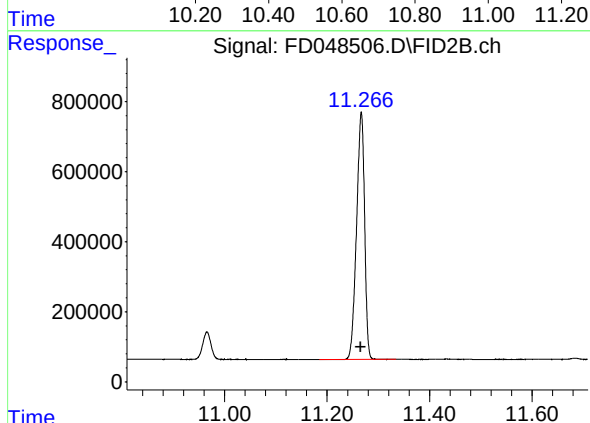
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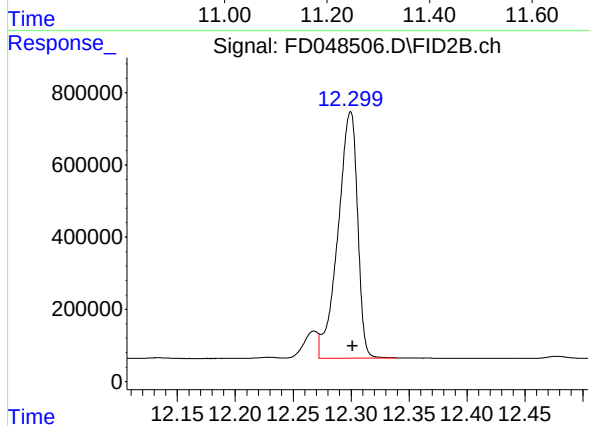
#10 Anthracene (C19.43)

R.T.: 10.570 min
Delta R.T.: -0.006 min
Response: 8046601
Conc: 45.22 ug/ml



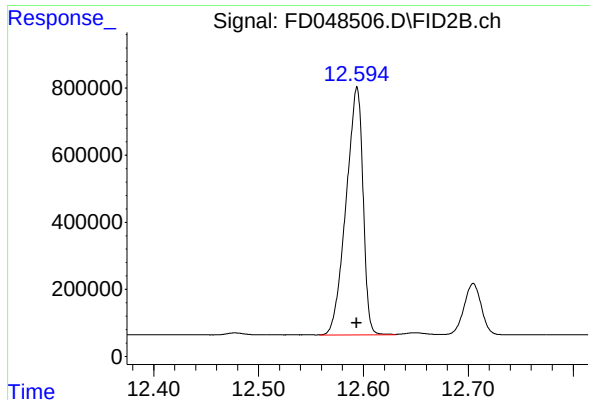
#11 ortho-Terphenyl (SURR)

R.T.: 11.267 min
Delta R.T.: 0.001 min
Response: 7694917
Conc: 41.82 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.299 min
Delta R.T.: -0.002 min
Response: 8028761
Conc: 44.39 ug/ml m



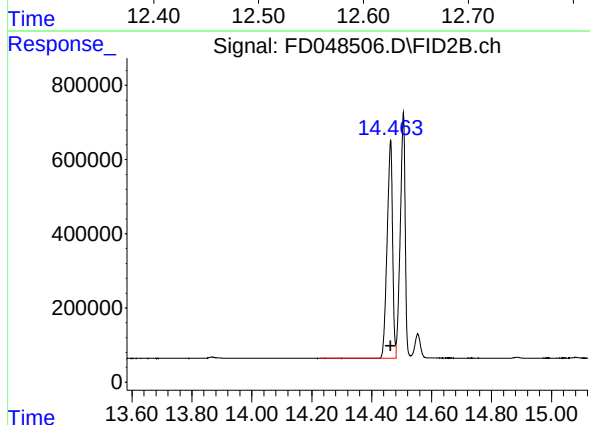
#13 Pyrene (C20.8)

R.T.: 12.593 min
Delta R.T.: 0.000 min
Response: 8305053
Conc: 46.38 ug/ml

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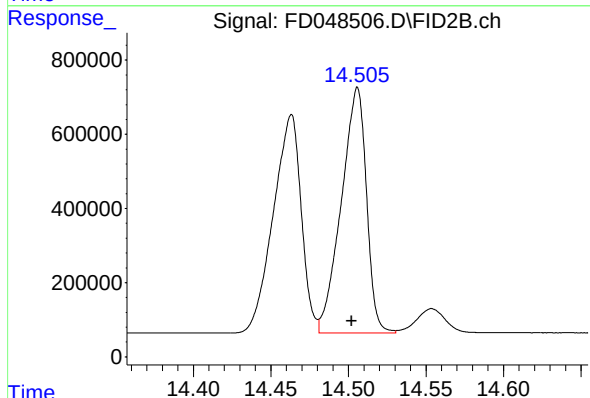
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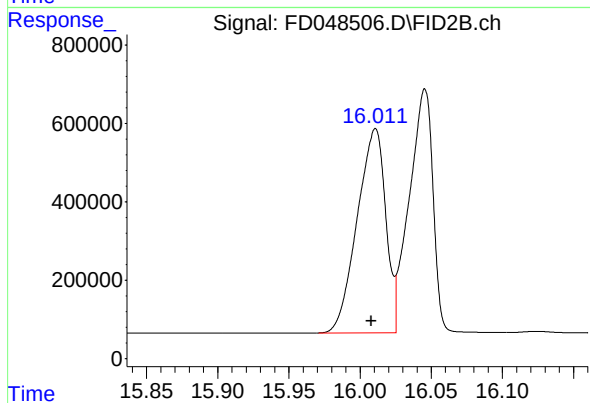
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.463 min
Delta R.T.: -0.001 min
Response: 7373670
Conc: 46.14 ug/ml



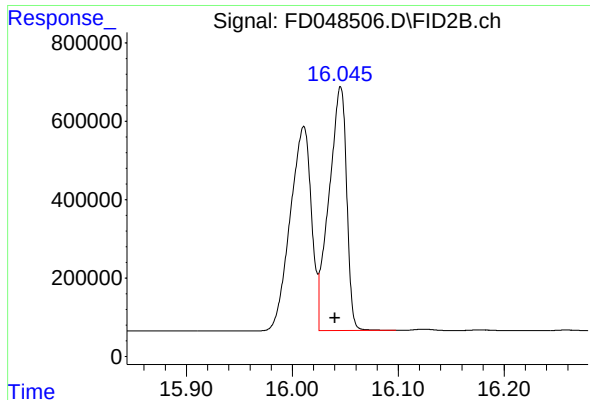
#15 Chrysene (C27.41)

R.T.: 14.505 min
Delta R.T.: 0.003 min
Response: 7477263
Conc: 40.09 ug/ml



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

R.T.: 16.010 min
Delta R.T.: 0.002 min
Response: 7268974
Conc: 43.65 ug/ml



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

R.T.: 16.045 min
Delta R.T.: 0.005 min
Response: 7200782
Conc: 42.42 ug/ml

Instrument :

FID_D

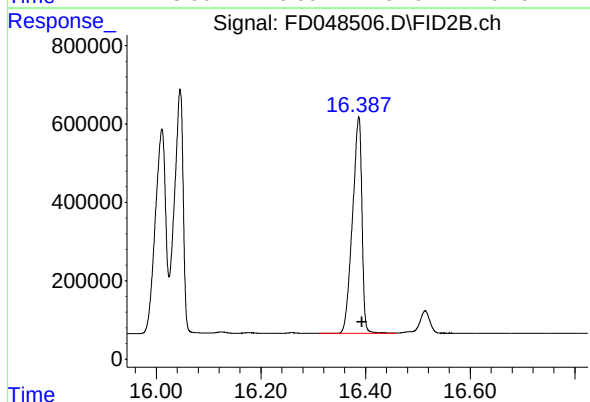
ClientSampleId :

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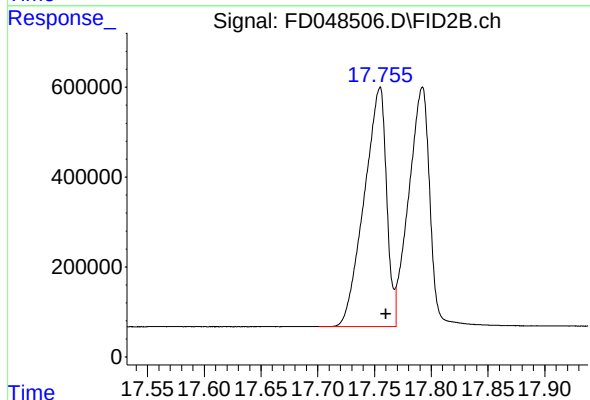
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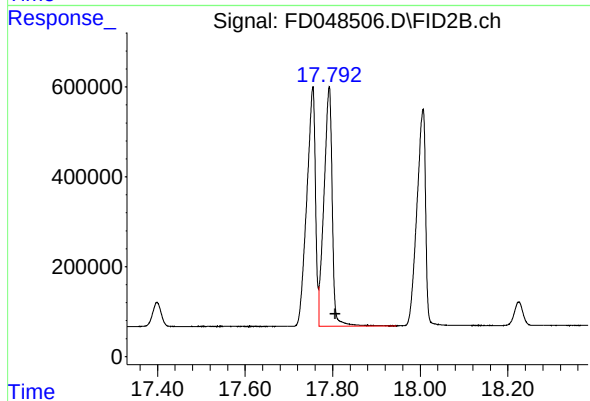
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.386 min
Delta R.T.: -0.007 min
Response: 6948811
Conc: 42.52 ug/ml



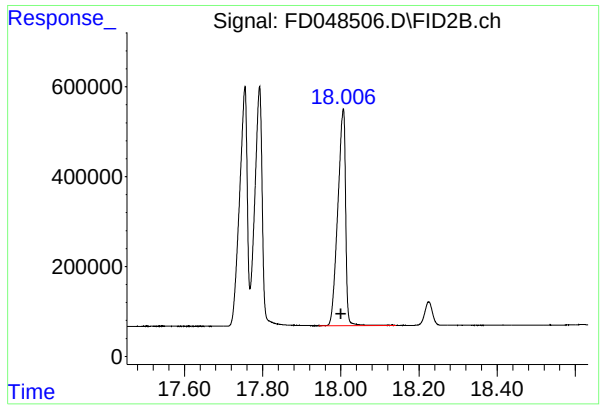
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.754 min
Delta R.T.: -0.006 min
Response: 7302059
Conc: 55.51 ug/ml



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

R.T.: 17.791 min
Delta R.T.: -0.015 min
Response: 6962617
Conc: 41.61 ug/ml



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

R.T.: 18.005 min
Delta R.T.: 0.005 min
Response: 6672732
Conc: 41.08 ug/ml

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