

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080924AR\
 Data File : FD048200.D
 Signal(s) : FID2B.ch
 Acq On : 09 Aug 2024 21:54
 Operator : YP/AJ
 Sample : P3478-02
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TS04MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/12/2024
 Supervised By :Ankita Jodhani 08/12/2024

Integration File: autoint1.e
 Quant Time: Aug 10 05:04:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.400	8465104	56.956 ug/ml
Spiked Amount 50.000		Recovery =	113.91%
6) S 2-Fluorobiphenyl (SURR)	8.251	5473056	57.830 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.66%
11) S ortho-Terphenyl (SURR)	11.289	9649802	57.673 ug/ml
Spiked Amount 50.000		Recovery =	115.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.220	6175544	36.879 ug/ml
2) T Naphthalene (C11.7)	5.739	6702425	38.784 ug/ml
3) T 2-Methylnaphthalene (...)	6.786	6724220	38.762 ug/ml
5) T Acenaphthylene (C15.06)	8.053	6785456	39.595 ug/ml
7) T Acenaphthene (C15.5)	8.349	6715589	38.712 ug/ml
8) T Flouorene (C16.55)	9.126	6691843	41.201 ug/ml
9) T Phenanthrene (C19.36)	10.514	6481435	40.812 ug/ml
10) T Anthracene (C19.43)	10.590	6377486	40.390 ug/ml
12) T Fluoranthene (C21.85)	12.320	7280643	45.983 ug/ml
13) T Pyrene (C20.8)	12.613	6462950	40.871 ug/ml
14) T Benzo[a]anthracene (C...	14.483	5870980	43.002 ug/ml
15) T Chrysene (C27.41)	14.524	5757984	35.719 ug/ml
16) T benzo[b]fluoranthene ...	16.030	5860806	40.718 ug/ml
17) T Bnezo[k]fluoranthene ...	16.063	5825925	39.007 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.404	5704908	40.279 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.771	5892915	52.249 ug/mlm
20) T Dibenz[a,h]anthracene...	17.808	5404552	37.187 ug/ml
21) T Benzo[g,h,i]perylene ...	18.022	5449208	36.976 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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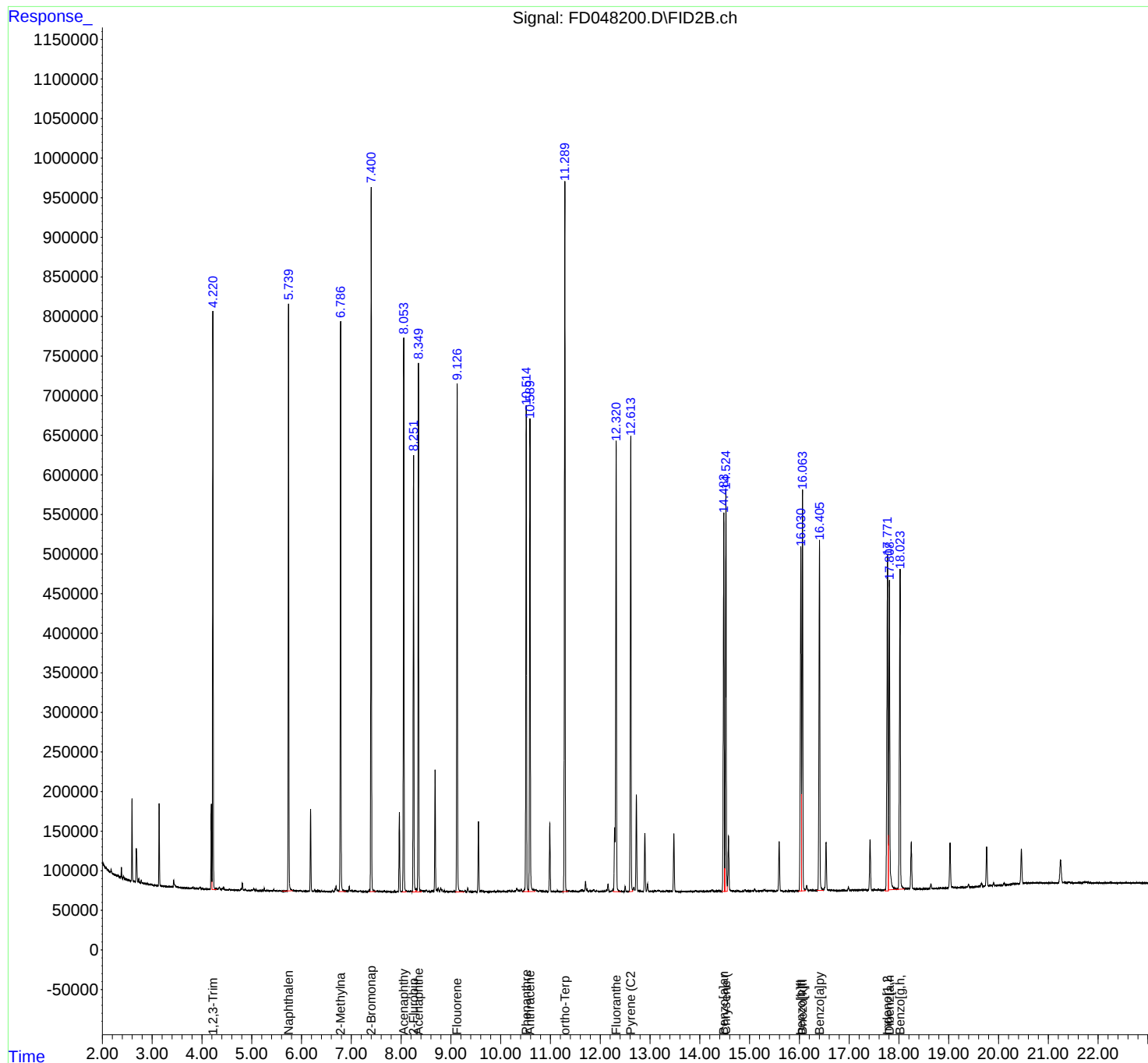
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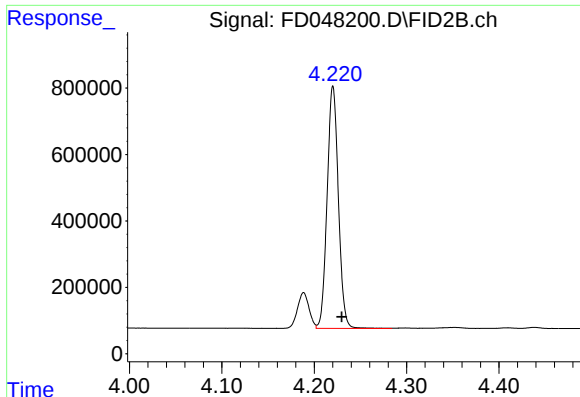
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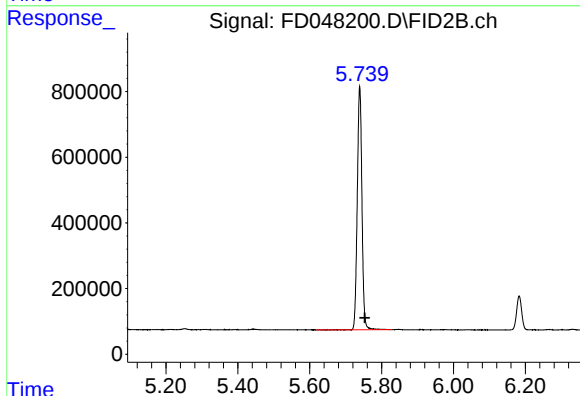
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.220 min
Delta R.T.: -0.010 min
Response: 6175544
Conc: 36.88 ug/ml

Instrument :
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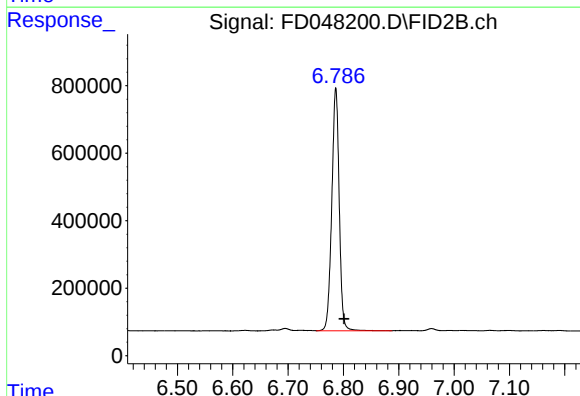
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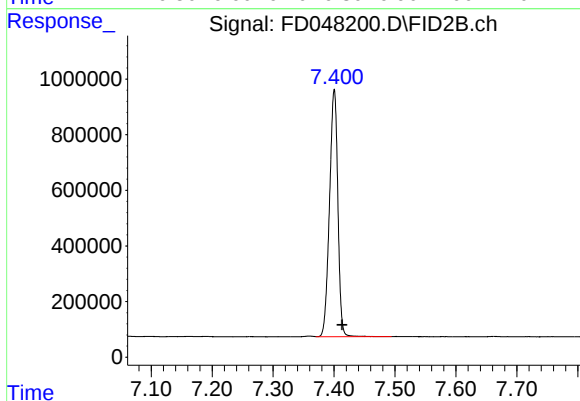
#2 Naphthalene (C11.7)

R.T.: 5.739 min
Delta R.T.: -0.014 min
Response: 6702425
Conc: 38.78 ug/ml



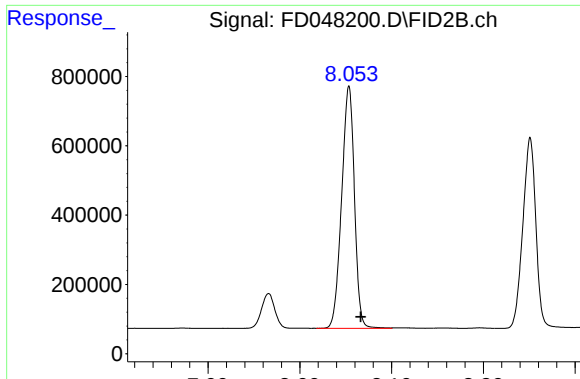
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.786 min
Delta R.T.: -0.015 min
Response: 6724220
Conc: 38.76 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.400 min
Delta R.T.: -0.013 min
Response: 8465104
Conc: 56.96 ug/ml



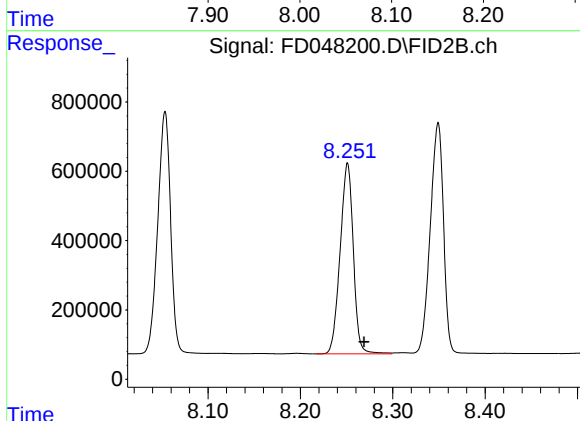
#5 Acenaphthylene (C15.06)

R.T.: 8.053 min
Delta R.T.: -0.013 min
Response: 6785456
Conc: 39.60 ug/ml

Instrument :
FID_D
ClientSampleId :
TS04MS

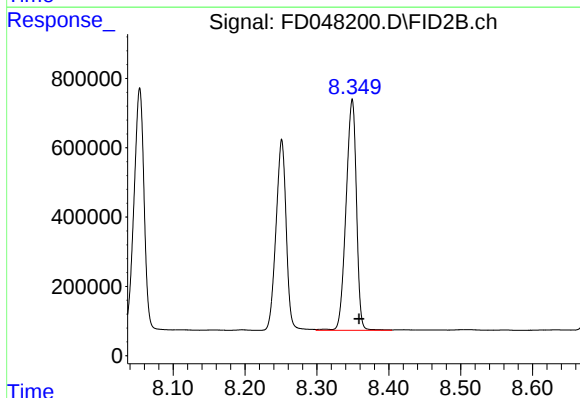
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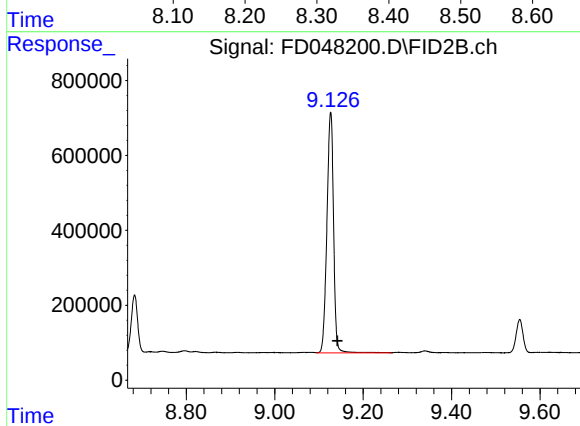
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.251 min
Delta R.T.: -0.018 min
Response: 5473056
Conc: 57.83 ug/ml



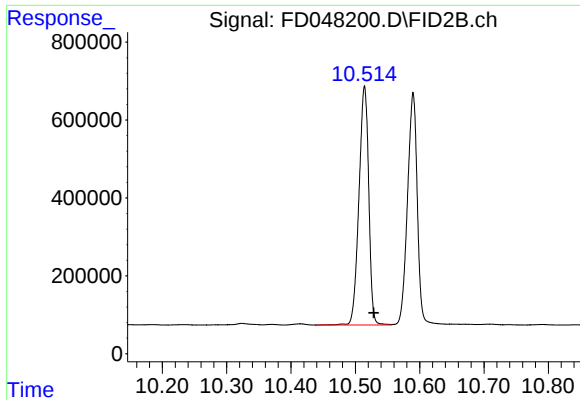
#7 Acenaphthene (C15.5)

R.T.: 8.349 min
Delta R.T.: -0.010 min
Response: 6715589
Conc: 38.71 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.126 min
Delta R.T.: -0.015 min
Response: 6691843
Conc: 41.20 ug/ml



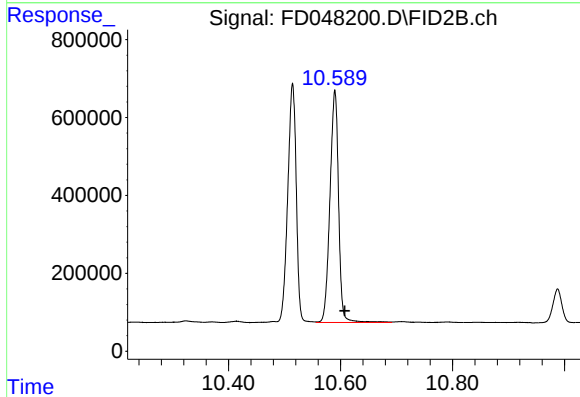
#9 Phenanthrene (C19.36)

R.T.: 10.514 min
Delta R.T.: -0.015 min
Response: 6481435
Conc: 40.81 ug/ml

Instrument :
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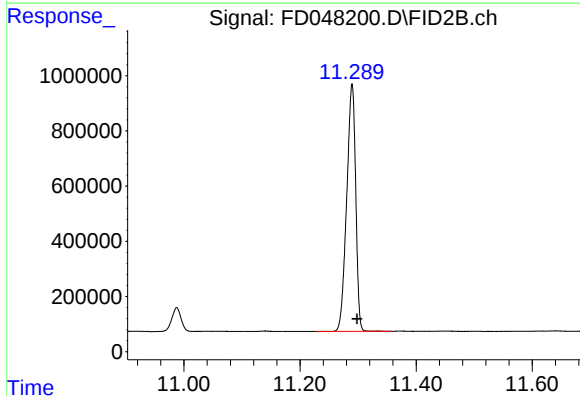
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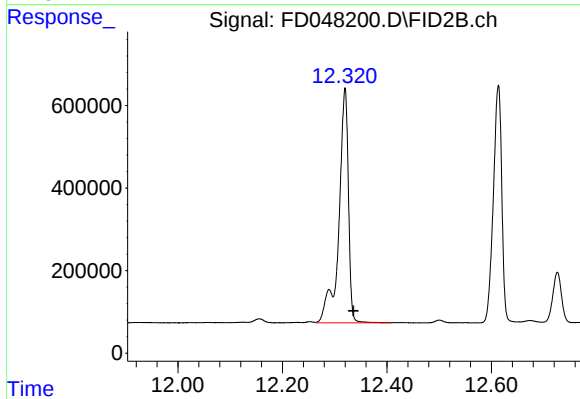
#10 Anthracene (C19.43)

R.T.: 10.590 min
Delta R.T.: -0.018 min
Response: 6377486
Conc: 40.39 ug/ml



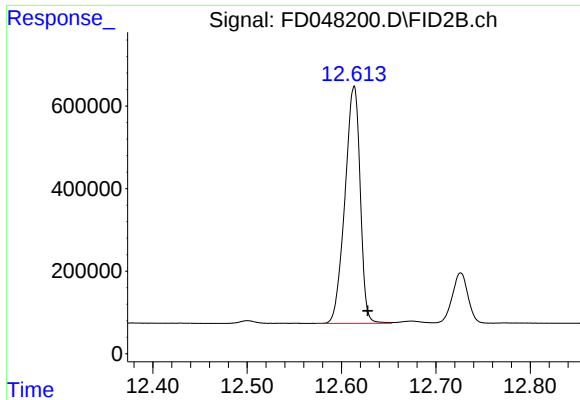
#11 ortho-Terphenyl (SURR)

R.T.: 11.289 min
Delta R.T.: -0.009 min
Response: 9649802
Conc: 57.67 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.320 min
Delta R.T.: -0.016 min
Response: 7280643
Conc: 45.98 ug/ml



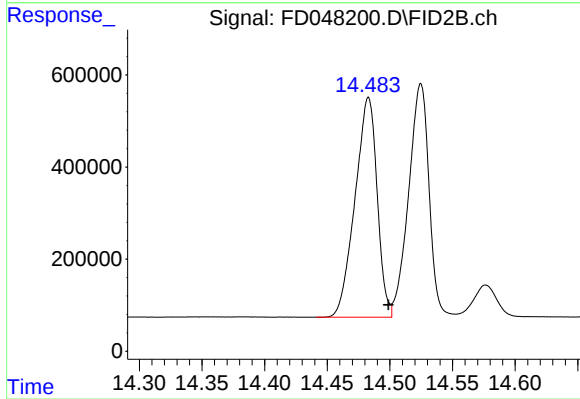
#13 Pyrene (C20.8)

R.T.: 12.613 min
Delta R.T.: -0.015 min
Response: 6462950
Conc: 40.87 ug/ml

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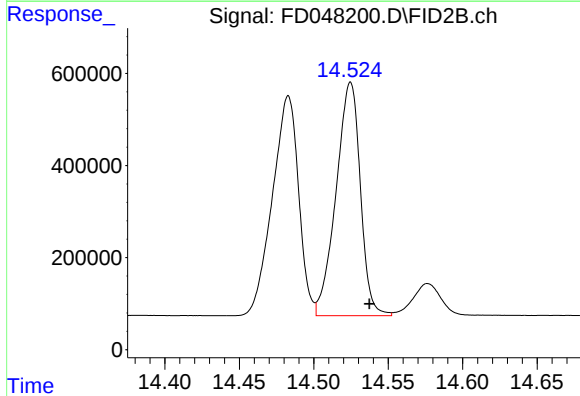
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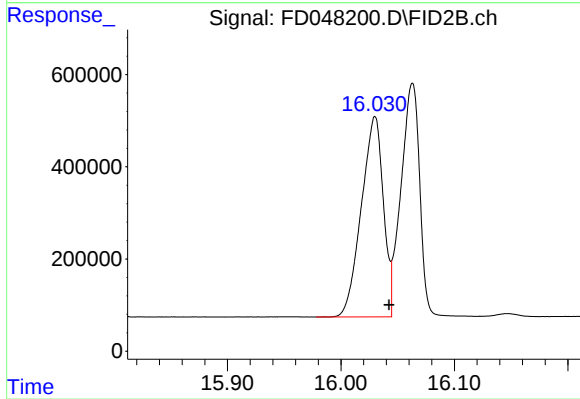
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.483 min
Delta R.T.: -0.016 min
Response: 5870980
Conc: 43.00 ug/ml



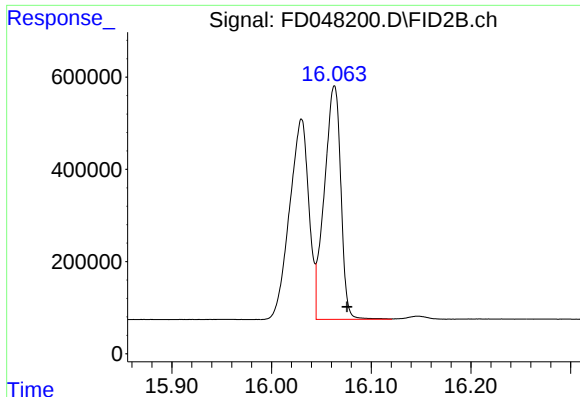
#15 Chrysene (C27.41)

R.T.: 14.524 min
Delta R.T.: -0.013 min
Response: 5757984
Conc: 35.72 ug/ml



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

R.T.: 16.030 min
Delta R.T.: -0.013 min
Response: 5860806
Conc: 40.72 ug/ml



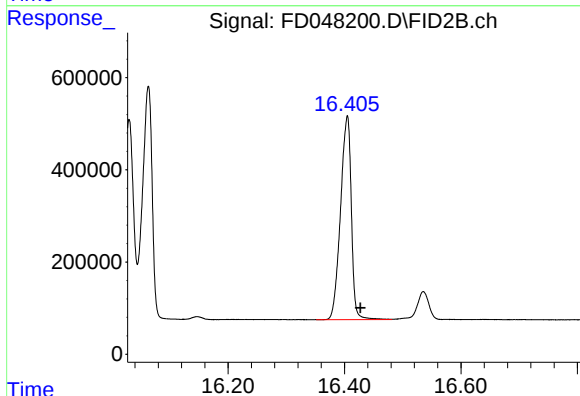
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.063 min
Delta R.T.: -0.013 min
Response: 5825925
Conc: 39.01 ug/ml

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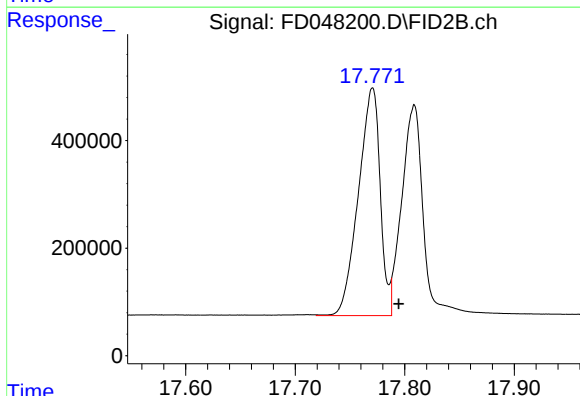
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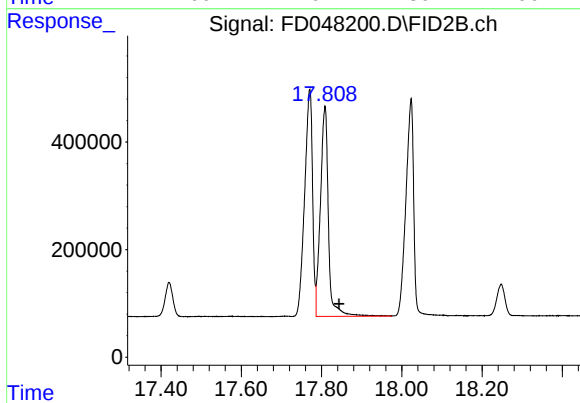
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.404 min
Delta R.T.: -0.023 min
Response: 5704908
Conc: 40.28 ug/ml



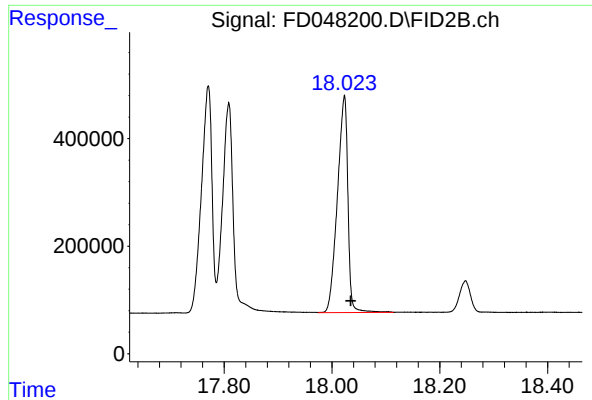
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.771 min
Delta R.T.: -0.024 min
Response: 5892915
Conc: 52.25 ug/ml m



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

R.T.: 17.808 min
Delta R.T.: -0.036 min
Response: 5404552
Conc: 37.19 ug/ml



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

R.T.: 18.022 min
Delta R.T.: -0.012 min
Response: 5449208
Conc: 36.98 ug/ml

Instrument :

FID_D

ClientSampleId :

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