

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021225AR\
 Data File : FD049085.D
 Signal(s) : FID2B.ch
 Acq On : 12 Feb 2025 12:52
 Operator : YP/AJ
 Sample : PB166689BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB166689BSD

Integration File: autoint1.e
 Quant Time: Feb 13 01:18:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 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...	7.352	7506420	52.452 ug/ml
Spiked Amount 50.000		Recovery =	104.90%
6) S 2-Fluorobiphenyl (SURR)	8.202	4112615	46.781 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.56%
11) S ortho-Terphenyl (SURR)	11.237	7432107	45.941 ug/ml
Spiked Amount 50.000		Recovery =	91.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	4413342	27.713 ug/ml
2) T Naphthalene (C11.7)	5.693	5289305	33.311 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	5265860	33.822 ug/ml
5) T Acenaphthylene (C15.06)	8.004	6567026	40.386 ug/ml
7) T Acenaphthene (C15.5)	8.299	6817102	41.439 ug/ml
8) T Fluorene (C16.55)	9.078	7212455	45.750 ug/ml
9) T Phenanthrene (C19.36)	10.465	7324467	48.603 ug/ml
10) T Anthracene (C19.43)	10.541	7399808	48.996 ug/ml
12) T Fluoranthene (C21.85)	12.270	7512754	48.685 ug/ml
13) T Pyrene (C20.8)	12.562	7328201	47.568 ug/ml
14) T Benzo[a]anthracene (C...	14.433	6895047	52.478 ug/ml
15) T Chrysene (C27.41)	14.475	6874720	42.519 ug/ml
16) T benzo[b]fluoranthene ...	15.982	6852776	49.804 ug/ml
17) T Bnezo[k]fluoranthene ...	16.016	6984436	44.221 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.357	6658963	49.058 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.727	6489816	59.389 ug/ml
20) T Dibenz[a,h]anthracene...	17.761	6753570	43.532 ug/ml
21) T Benzo[g,h,i]perylene ...	17.976	6589275	45.459 ug/ml

(f)=RT Delta > 1/2 Window

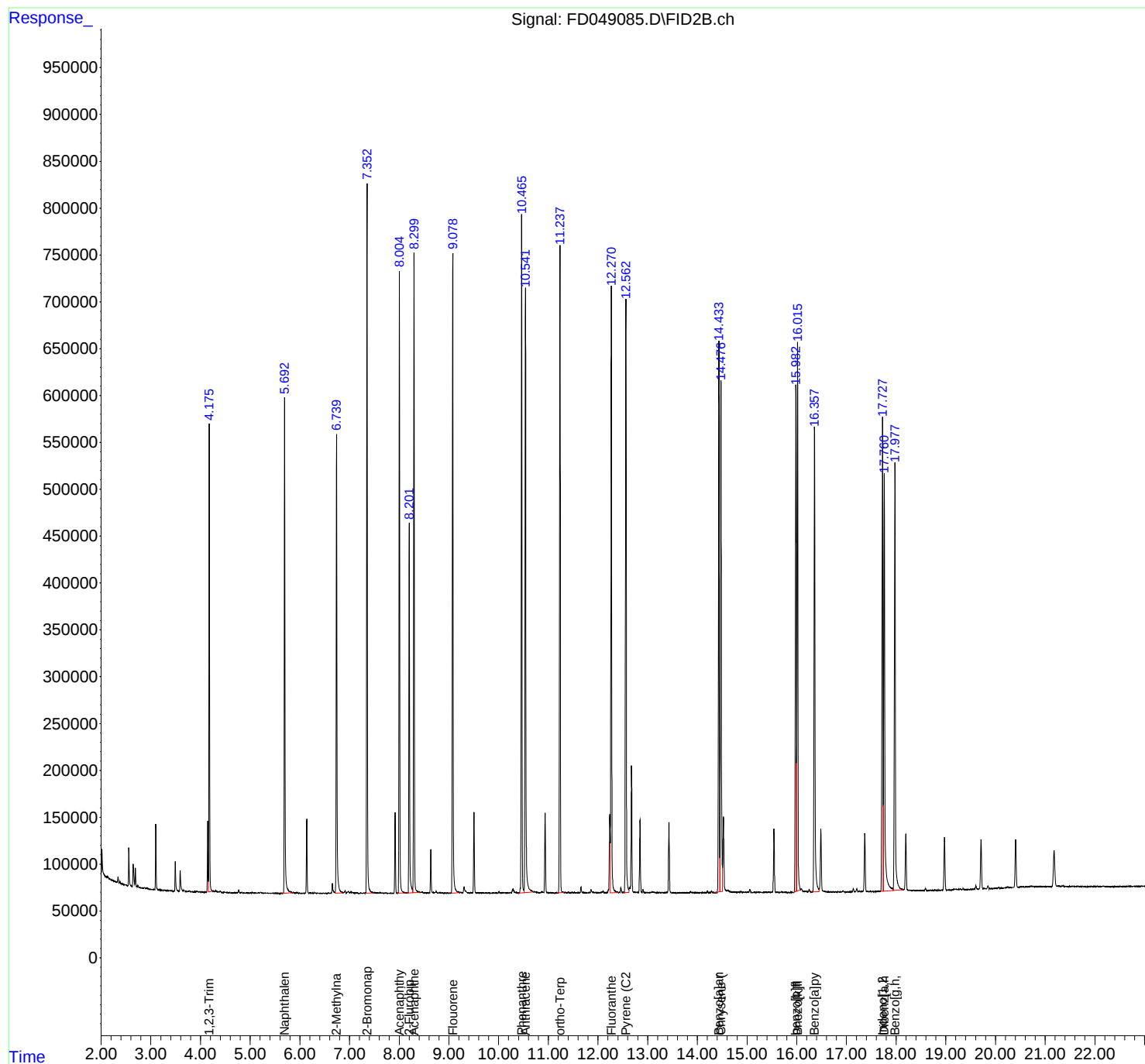
(m)=manual int.

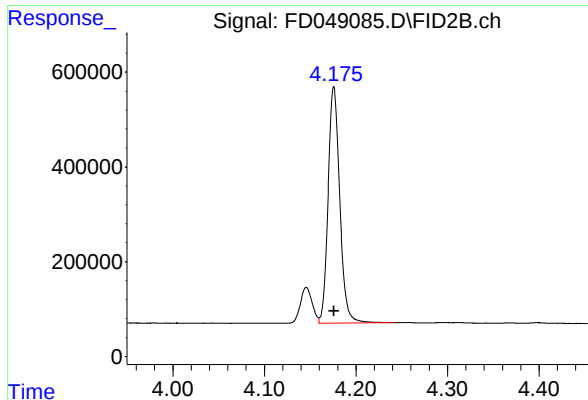
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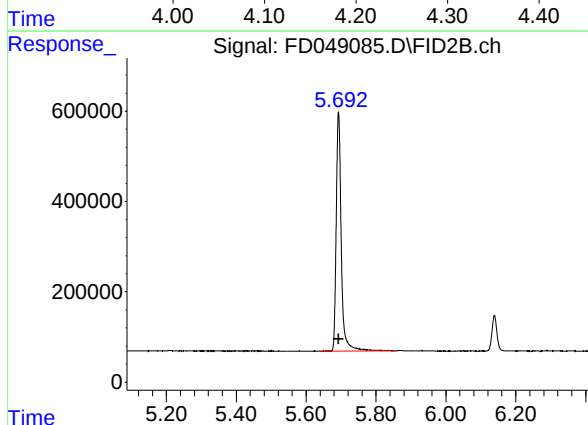




#1 1,2,3-Trimethylbenzene (C10.1)

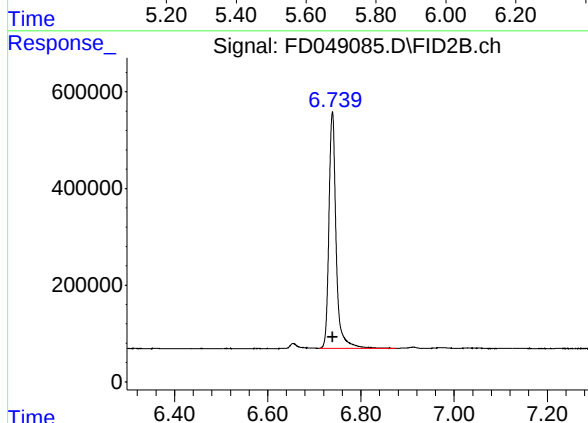
R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 4413342
Conc: 27.71 ug/ml

Instrument :
FID_D
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PB166689BSD



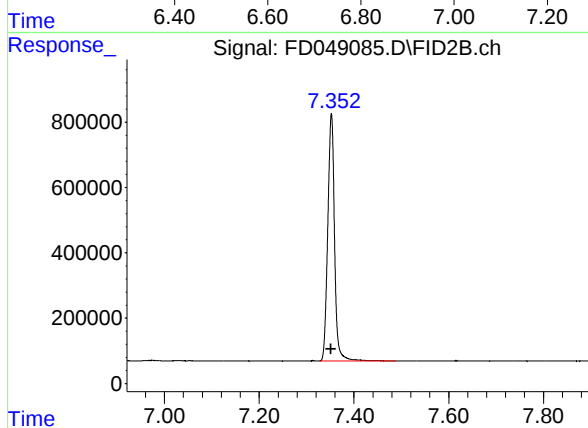
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 5289305
Conc: 33.31 ug/ml



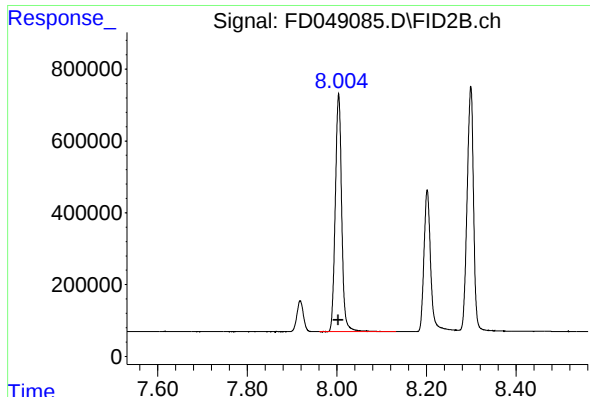
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 5265860
Conc: 33.82 ug/ml



#4 2-Bromonaphthalene (SURR)

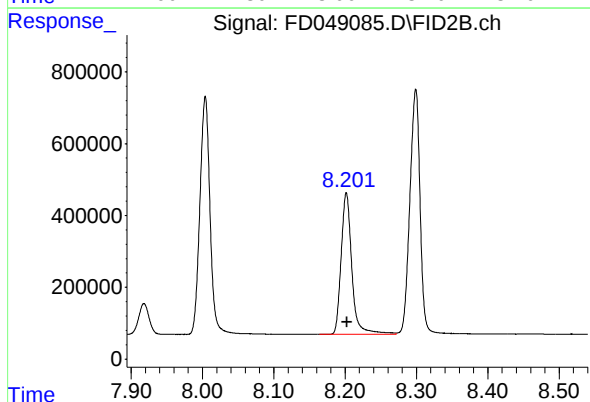
R.T.: 7.352 min
Delta R.T.: 0.001 min
Response: 7506420
Conc: 52.45 ug/ml



#5 Acenaphthylene (C15.06)

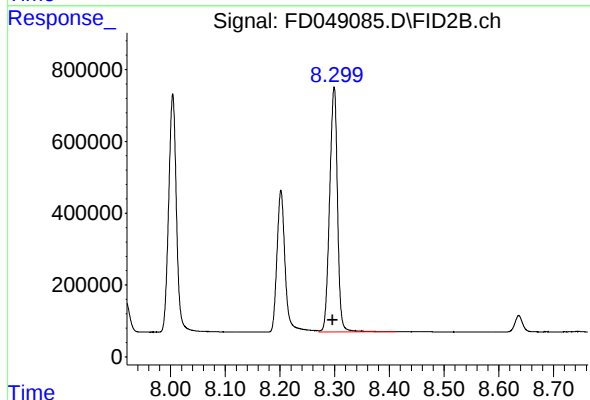
R.T.: 8.004 min
Delta R.T.: 0.001 min
Response: 6567026
Conc: 40.39 ug/ml

Instrument :
FID_D
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PB166689BSD



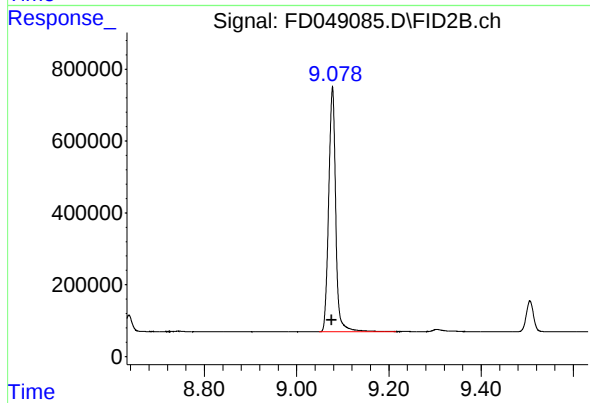
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 4112615
Conc: 46.78 ug/ml



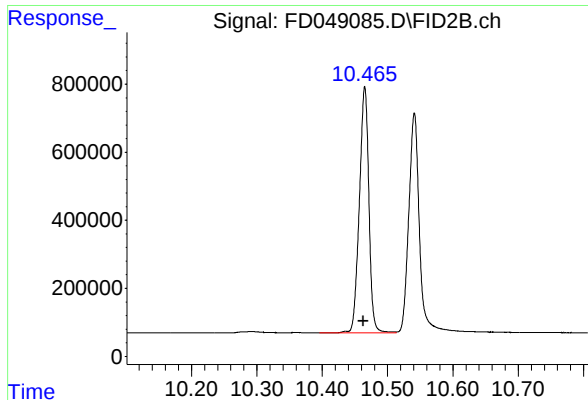
#7 Acenaphthene (C15.5)

R.T.: 8.299 min
Delta R.T.: 0.003 min
Response: 6817102
Conc: 41.44 ug/ml



#8 Flouorene (C16.55)

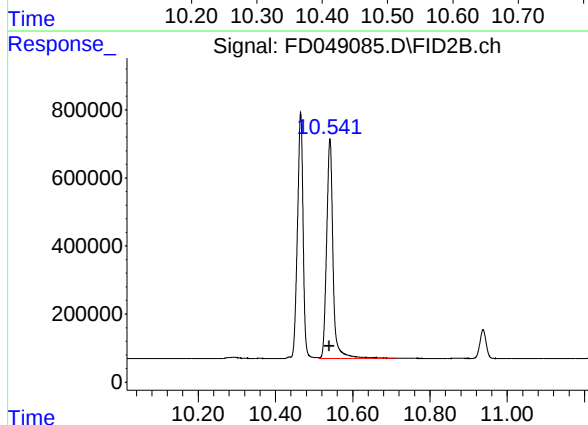
R.T.: 9.078 min
Delta R.T.: 0.002 min
Response: 7212455
Conc: 45.75 ug/ml



#9 Phenanthrene (C19.36)

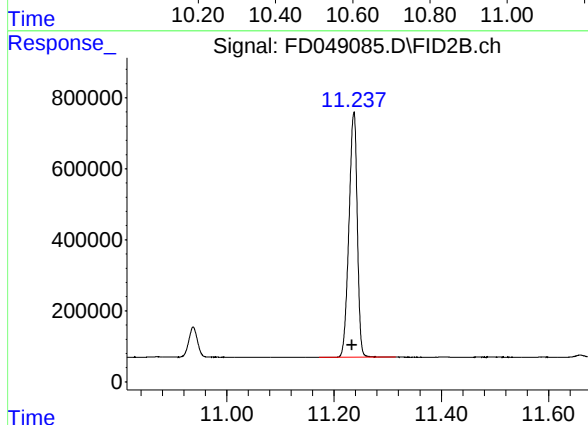
R.T.: 10.465 min
Delta R.T.: 0.002 min
Response: 7324467
Conc: 48.60 ug/ml

Instrument :
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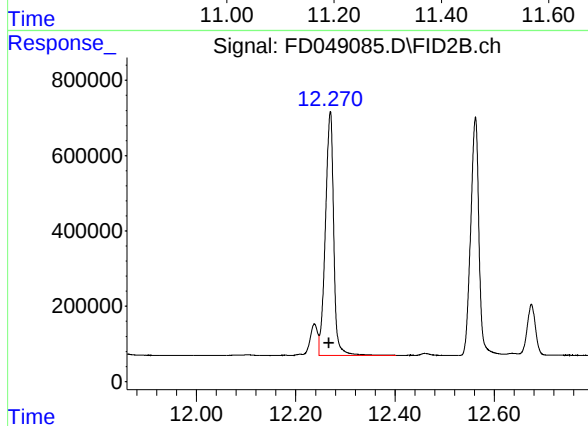
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: 0.002 min
Response: 7399808
Conc: 49.00 ug/ml



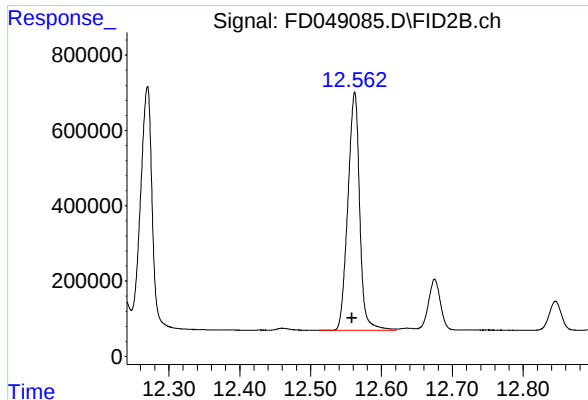
#11 ortho-Terphenyl (SURR)

R.T.: 11.237 min
Delta R.T.: 0.004 min
Response: 7432107
Conc: 45.94 ug/ml



#12 Fluoranthene (C21.85)

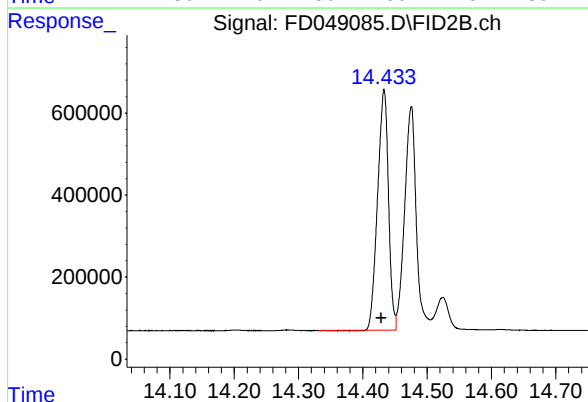
R.T.: 12.270 min
Delta R.T.: 0.003 min
Response: 7512754
Conc: 48.68 ug/ml



#13 Pyrene (C20.8)

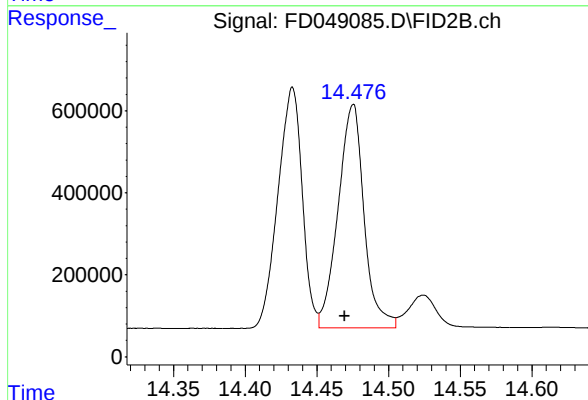
R.T.: 12.562 min
Delta R.T.: 0.004 min
Response: 7328201
Conc: 47.57 ug/ml

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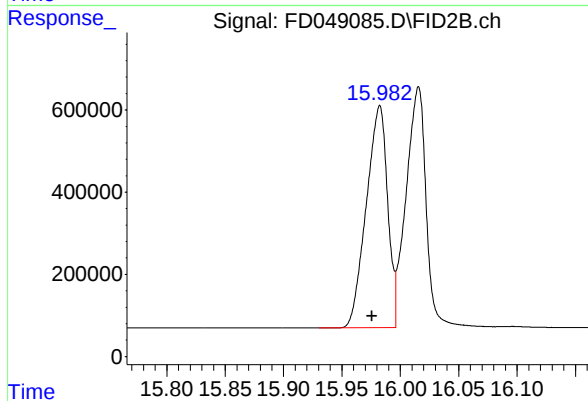
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.433 min
Delta R.T.: 0.004 min
Response: 6895047
Conc: 52.48 ug/ml



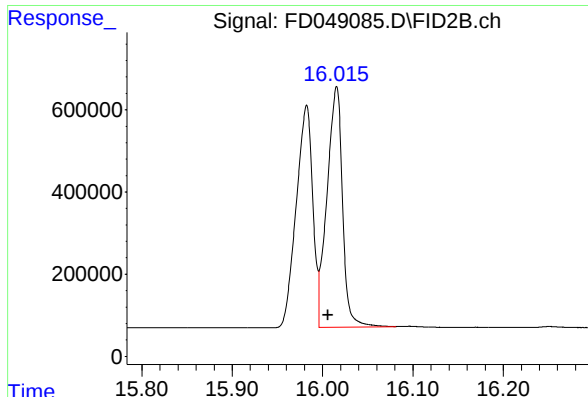
#15 Chrysene (C27.41)

R.T.: 14.475 min
Delta R.T.: 0.006 min
Response: 6874720
Conc: 42.52 ug/ml



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

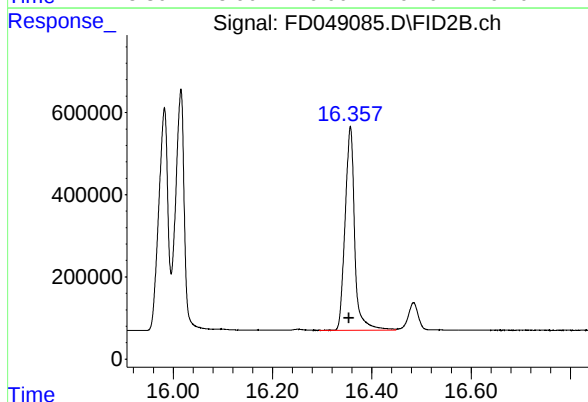
R.T.: 15.982 min
Delta R.T.: 0.007 min
Response: 6852776
Conc: 49.80 ug/ml



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

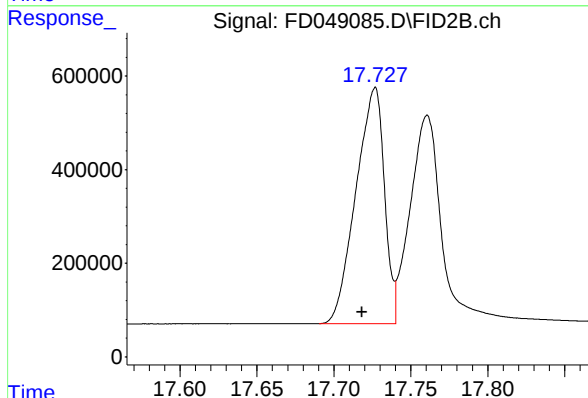
R.T.: 16.016 min
Delta R.T.: 0.009 min
Response: 6984436
Conc: 44.22 ug/ml

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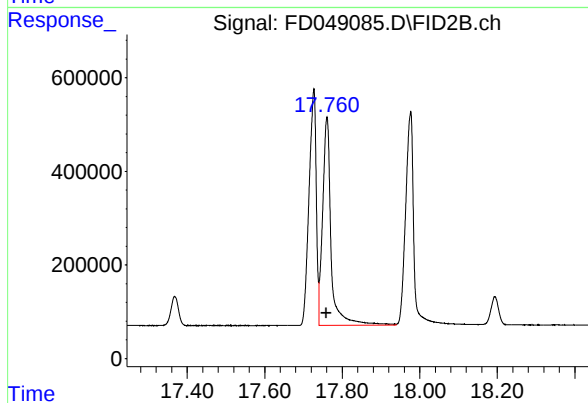
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.357 min
Delta R.T.: 0.003 min
Response: 6658963
Conc: 49.06 ug/ml



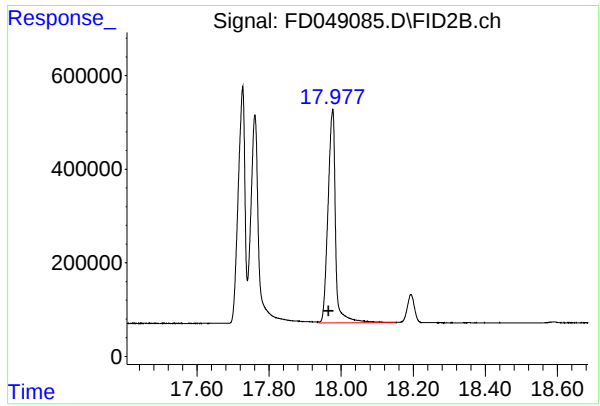
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.727 min
Delta R.T.: 0.008 min
Response: 6489816
Conc: 59.39 ug/ml



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

R.T.: 17.761 min
Delta R.T.: 0.002 min
Response: 6753570
Conc: 43.53 ug/ml



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

R.T.: 17.976 min
Delta R.T.: 0.011 min
Response: 6589275
Conc: 45.46 ug/ml

Instrument :

FID_D

ClientSampleId :

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