

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049143.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 19:32
 Operator : YP/AJ
 Sample : Q1421-03
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 P001-CLAY-CF01-01MSD

Integration File: autoint1.e
 Quant Time: Mar 01 02:21:41 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	8004383	55.932 ug/ml
Spiked Amount 50.000		Recovery =	111.86%
6) S 2-Fluorobiphenyl (SURR)	8.203	5197744	59.124 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	118.25%
11) S ortho-Terphenyl (SURR)	11.234	5182415	32.035 ug/ml
Spiked Amount 50.000		Recovery =	64.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	6806303	42.739 ug/ml
2) T Naphthalene (C11.7)	5.693	7499718	47.231 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	7389966	47.465 ug/ml
5) T Acenaphthylene (C15.06)	8.005	8610669	52.954 ug/ml
7) T Acenaphthene (C15.5)	8.300	9186896	55.844 ug/ml
8) T Fluorene (C16.55)	9.079	9395749	59.599 ug/ml
9) T Phenanthrene (C19.36)	10.468	9704487	64.396 ug/ml
10) T Anthracene (C19.43)	10.543	9855802	65.258 ug/ml
12) T Fluoranthene (C21.85)	12.273	10149905	65.774 ug/ml
13) T Pyrene (C20.8)	12.566	9846593	63.915 ug/ml
14) T Benzo[a]anthracene (C...	14.437	9400442	71.546 ug/ml
15) T Chrysene (C27.41)	14.479	9200670	56.904 ug/ml
16) T benzo[b]fluoranthene ...	15.987	9332863	67.829 ug/ml
17) T Bnezo[k]fluoranthene ...	16.022	9405347	59.549 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.362	9010214	66.380 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.734	8902747	81.470 ug/ml
20) T Dibenz[a,h]anthracene...	17.767	9038652	58.261 ug/ml
21) T Benzo[g,h,i]perylene ...	17.984	8820594	60.852 ug/ml

(f)=RT Delta > 1/2 Window

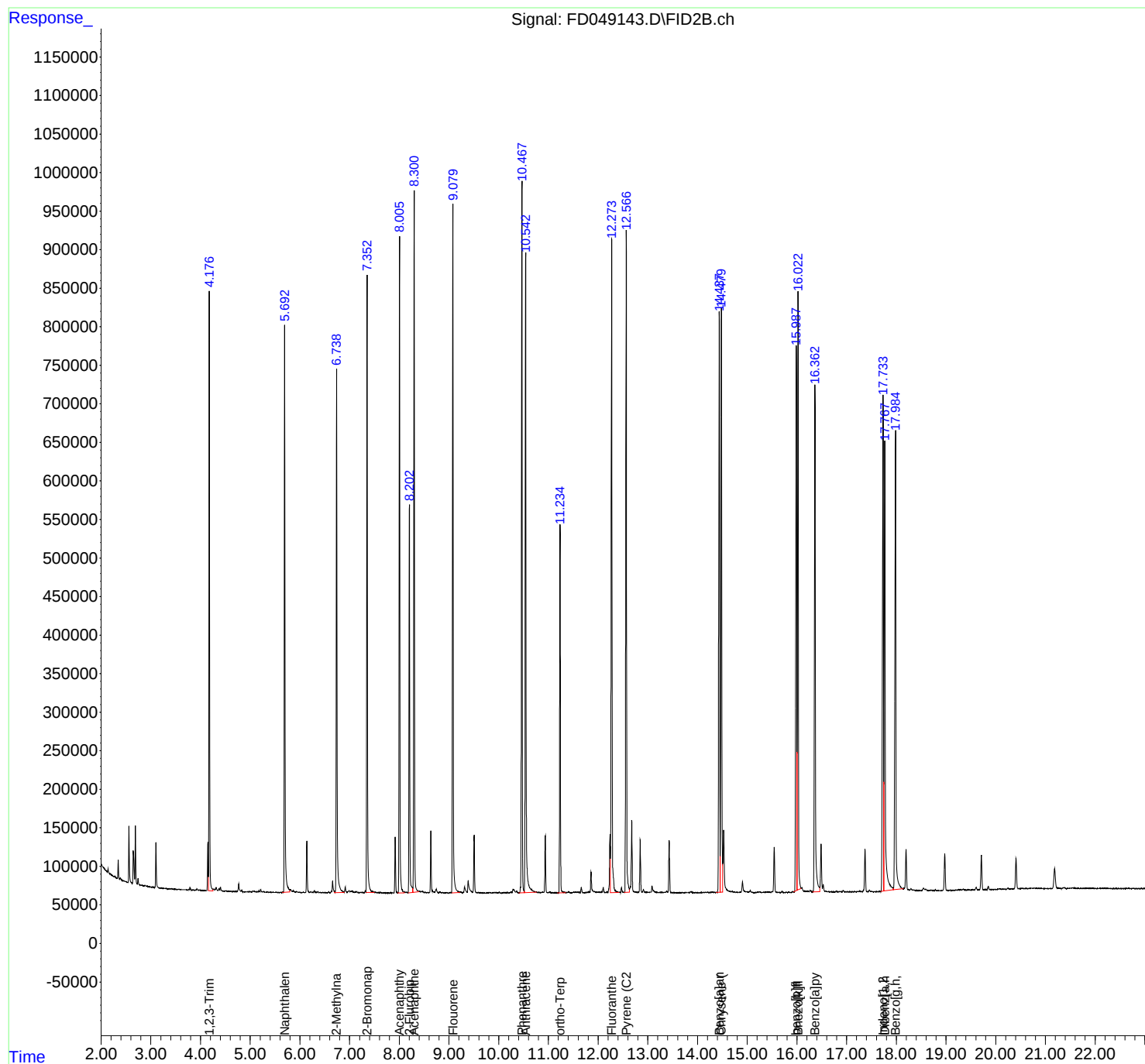
(m)=manual int.

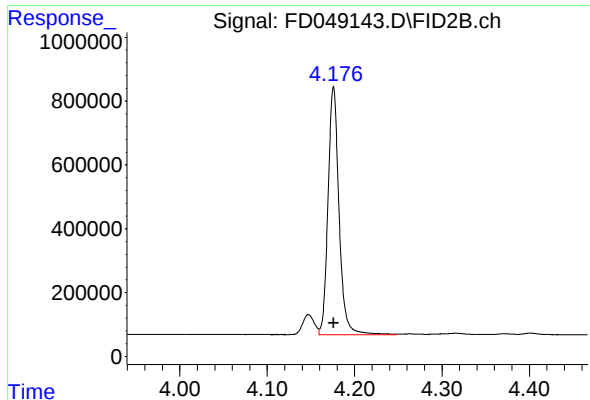
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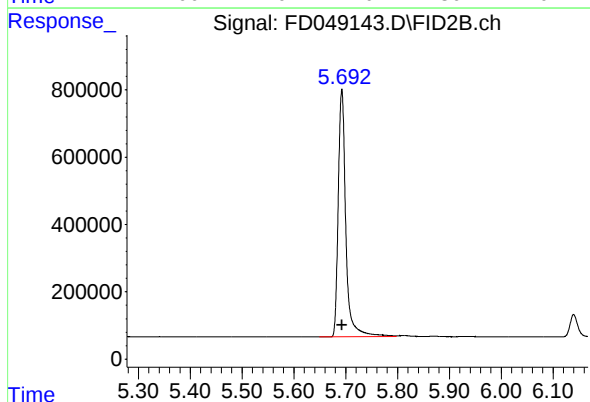




#1 1,2,3-Trimethylbenzene (C10.1)

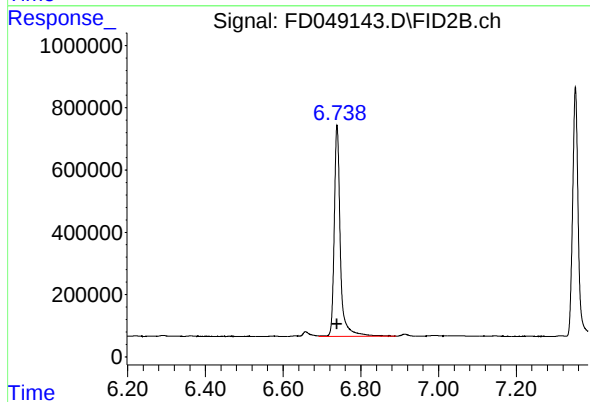
R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 6806303
Conc: 42.74 ug/ml

Instrument :
FID_D
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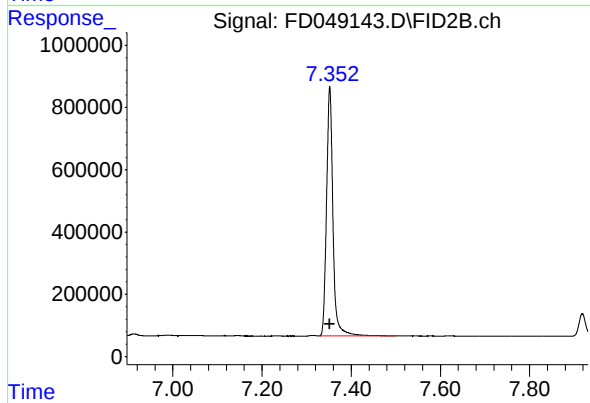
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 7499718
Conc: 47.23 ug/ml



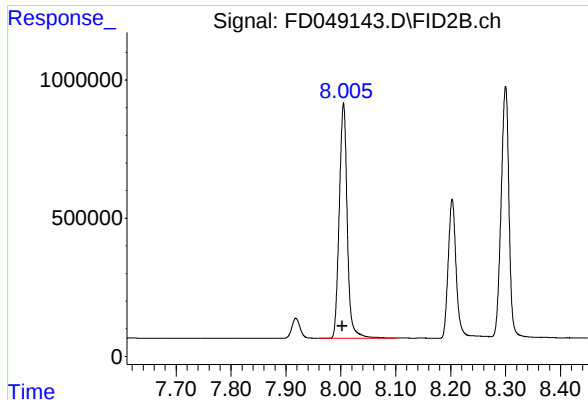
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 7389966
Conc: 47.46 ug/ml



#4 2-Bromonaphthalene (SURR)

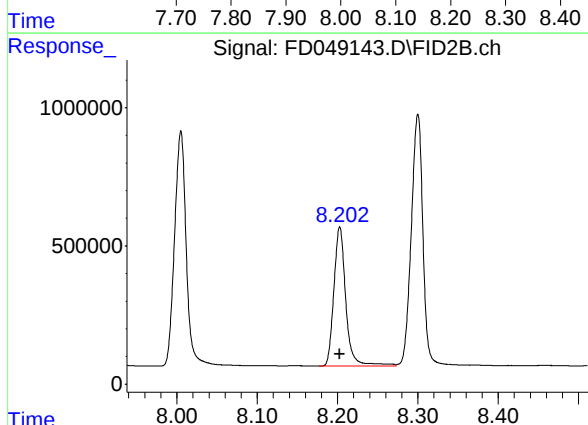
R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 8004383
Conc: 55.93 ug/ml



#5 Acenaphthylene (C15.06)

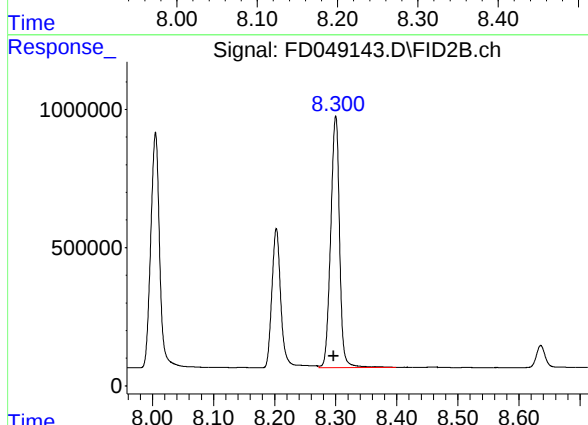
R.T.: 8.005 min
Delta R.T.: 0.002 min
Response: 8610669
Conc: 52.95 ug/ml

Instrument :
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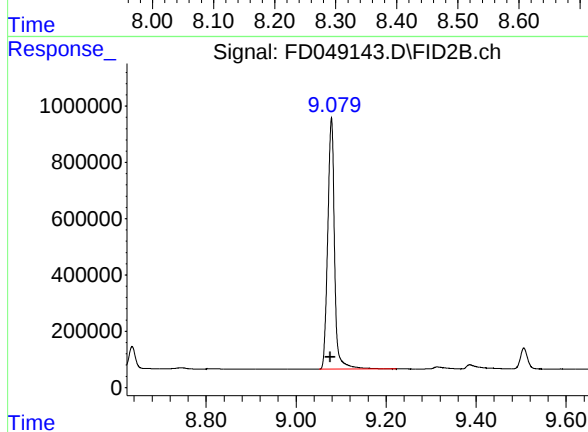
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 5197744
Conc: 59.12 ug/ml



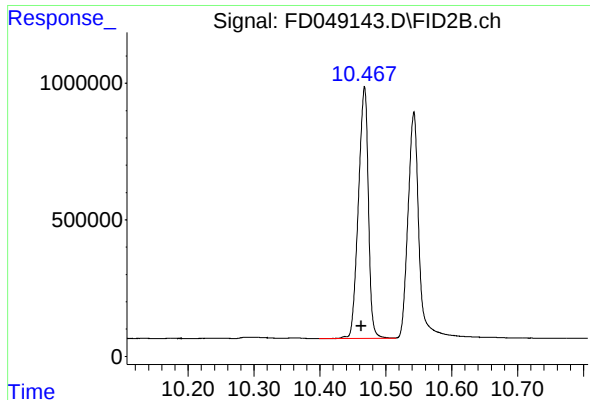
#7 Acenaphthene (C15.5)

R.T.: 8.300 min
Delta R.T.: 0.004 min
Response: 9186896
Conc: 55.84 ug/ml



#8 Fluorene (C16.55)

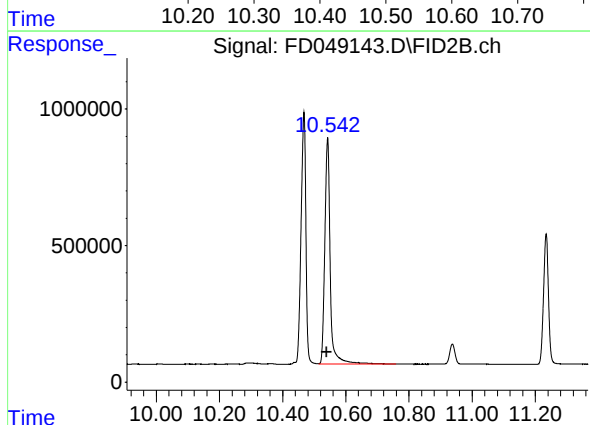
R.T.: 9.079 min
Delta R.T.: 0.003 min
Response: 9395749
Conc: 59.60 ug/ml



#9 Phenanthrene (C19.36)

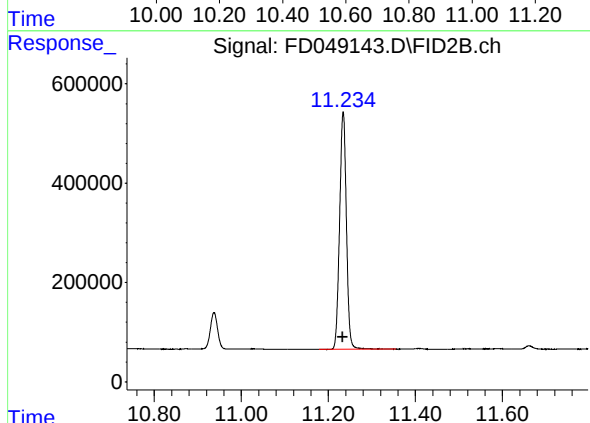
R.T.: 10.468 min
Delta R.T.: 0.005 min
Response: 9704487
Conc: 64.40 ug/ml

Instrument :
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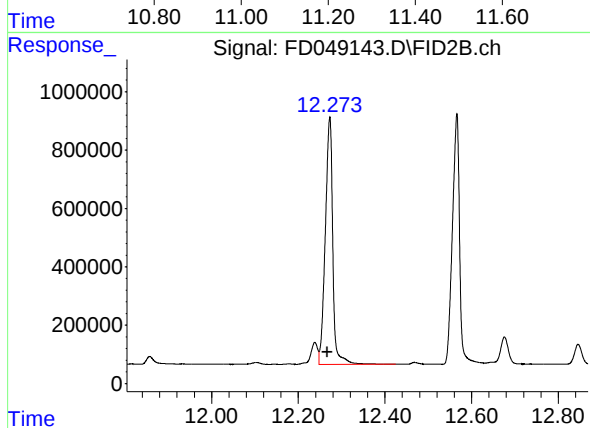
#10 Anthracene (C19.43)

R.T.: 10.543 min
Delta R.T.: 0.003 min
Response: 9855802
Conc: 65.26 ug/ml



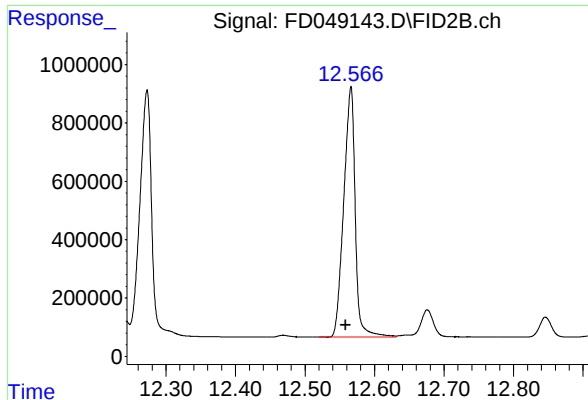
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: 0.000 min
Response: 5182415
Conc: 32.03 ug/ml



#12 Fluoranthene (C21.85)

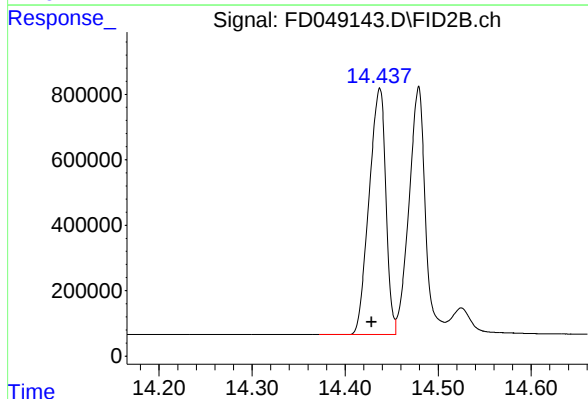
R.T.: 12.273 min
Delta R.T.: 0.006 min
Response: 10149905
Conc: 65.77 ug/ml



#13 Pyrene (C20.8)

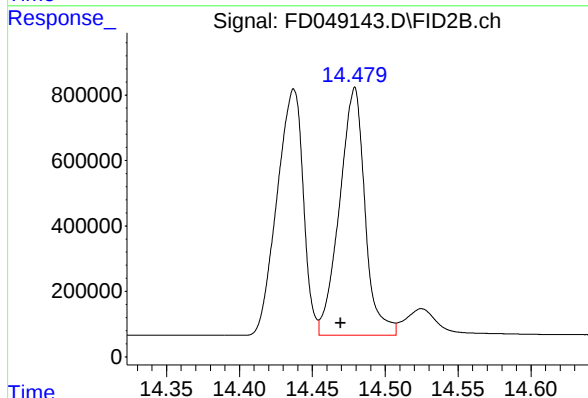
R.T.: 12.566 min
Delta R.T.: 0.008 min
Response: 9846593
Conc: 63.91 ug/ml

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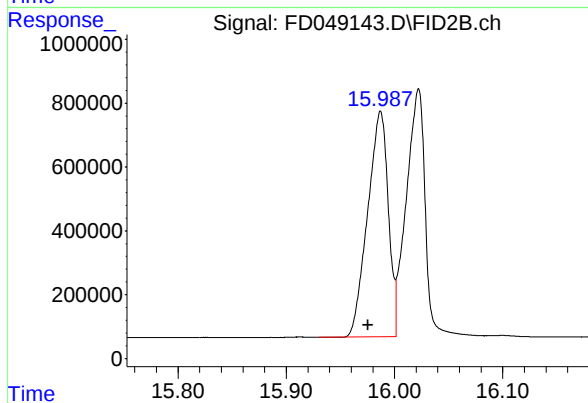
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.437 min
Delta R.T.: 0.009 min
Response: 9400442
Conc: 71.55 ug/ml



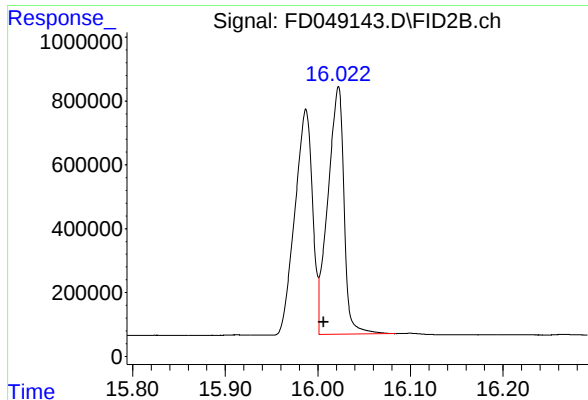
#15 Chrysene (C27.41)

R.T.: 14.479 min
Delta R.T.: 0.010 min
Response: 9200670
Conc: 56.90 ug/ml



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

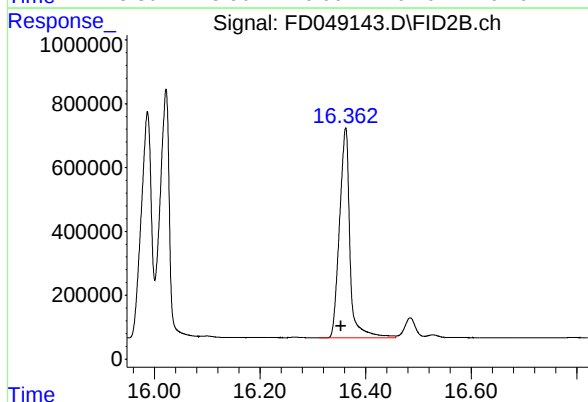
R.T.: 15.987 min
Delta R.T.: 0.012 min
Response: 9332863
Conc: 67.83 ug/ml



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

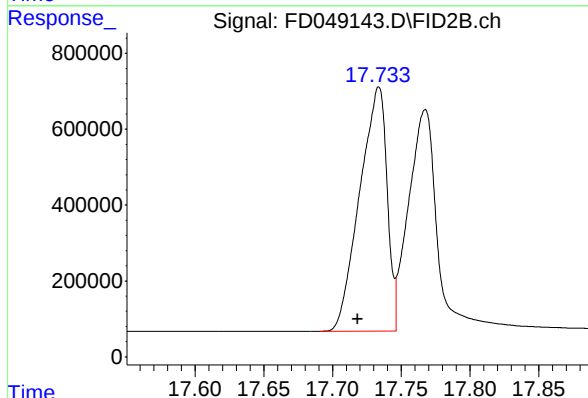
R.T.: 16.022 min
Delta R.T.: 0.016 min
Response: 9405347
Conc: 59.55 ug/ml

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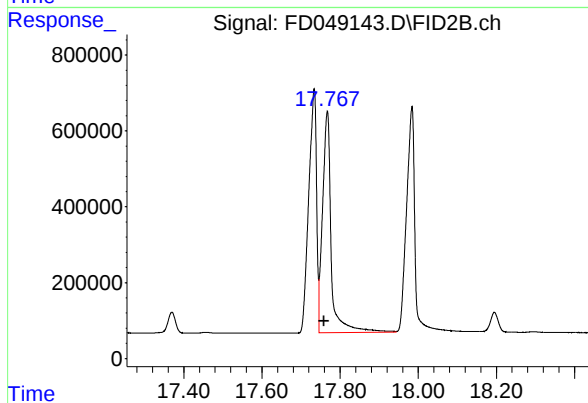
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.362 min
Delta R.T.: 0.009 min
Response: 9010214
Conc: 66.38 ug/ml



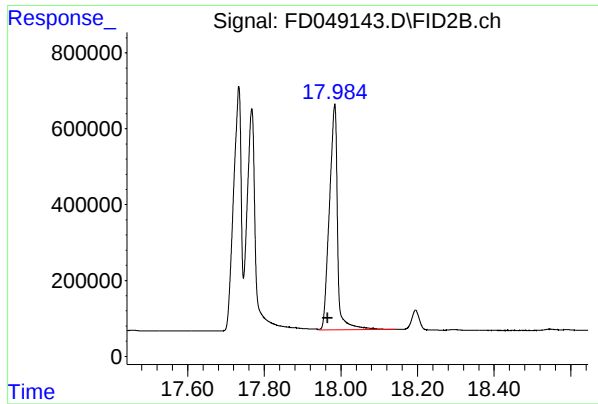
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.734 min
Delta R.T.: 0.015 min
Response: 8902747
Conc: 81.47 ug/ml



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

R.T.: 17.767 min
Delta R.T.: 0.008 min
Response: 9038652
Conc: 58.26 ug/ml



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

R.T.: 17.984 min

Delta R.T.: 0.018 min

Response: 8820594

Conc: 60.85 ug/ml

Instrument :

FID_D

ClientSampleId :

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