

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122422AR\
 Data File : FD044713.D
 Signal(s) : FID2B.ch
 Acq On : 24 Dec 2022 12:17
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2022
 Supervised By :Ankita Jodhani 12/27/2022

Integration File: autoint1.e
 Quant Time: Dec 25 16:33:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 16:32:43 2022
 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...	7.661	1520213	10.962 ug/ml
Spiked Amount 50.000		Recovery =	21.92%
6) S 2-Fluorobiphenyl (SURR)	8.518	1017282	10.926 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.85%
11) S ortho-Terphenyl (SURR)	11.546	1900671	10.978 ug/ml
Spiked Amount 50.000		Recovery =	21.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.480	1692723	10.887 ug/ml
2) T Naphthalene (C11.7)	6.009	1774183	10.971 ug/ml
3) T 2-Methylnaphthalene (...)	7.054	1790987	11.117 ug/ml
5) T Acenaphthylene (C15.06)	8.323	1603442	10.845 ug/ml
7) T Acenaphthene (C15.5)	8.617	1707083	10.937 ug/ml
8) T Flouorene (C16.55)	9.393	1673756	10.866 ug/ml
9) T Phenanthrene (C19.36)	10.780	1631419	10.787 ug/ml
10) T Anthracene (C19.43)	10.854	1339551	9.319 ug/ml
12) T Fluoranthene (C21.85)	12.581	1647093	10.960 ug/ml
13) T Pyrene (C20.8)	12.876	1606651	10.913 ug/ml
14) T Benzo[a]anthracene (C...	14.736	1482753	10.645 ug/ml
15) T Chrysene (C27.41)	14.777	1611503	11.058 ug/mlm
16) T benzo[b]fluoranthene ...	16.276	1575439	10.899 ug/ml
17) T Bnezo[k]fluoranthene ...	16.308	1626191	11.328 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.651	1506185	10.624 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.006	1465713	10.906 ug/ml
20) T Dibenz[a,h]anthracene...	18.047	1575175	11.396 ug/ml
21) T Benzo[g,h,i]perylene ...	18.257	1474632	10.788 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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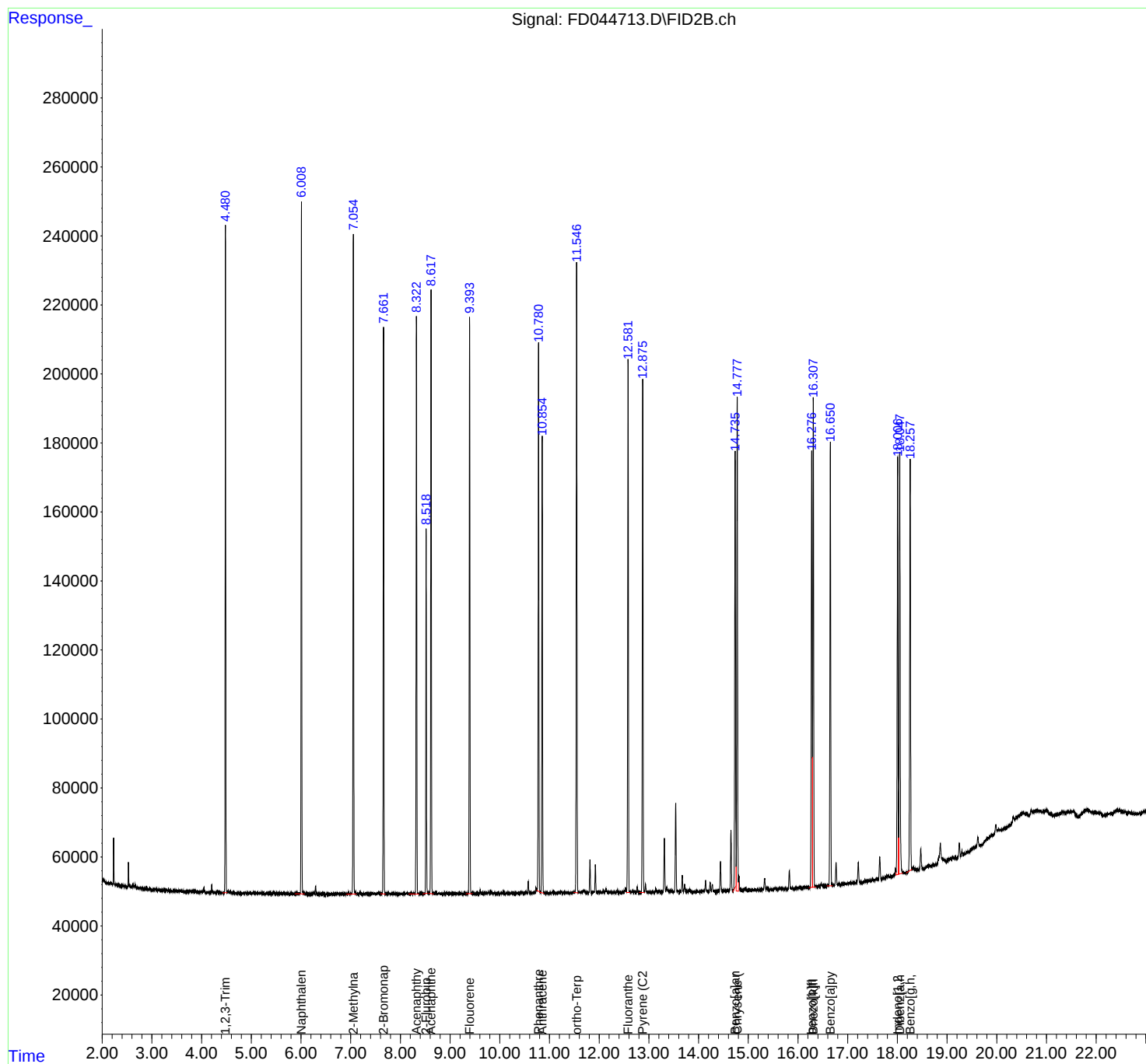
Instrument :
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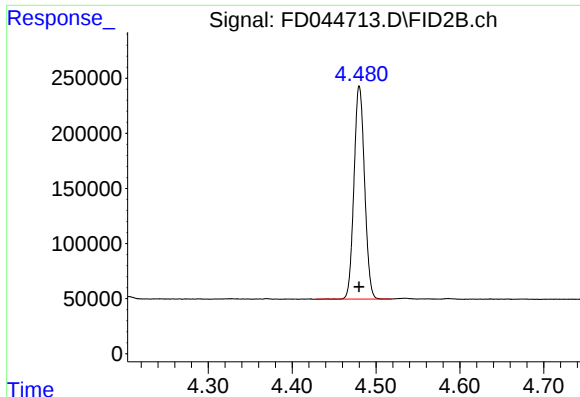
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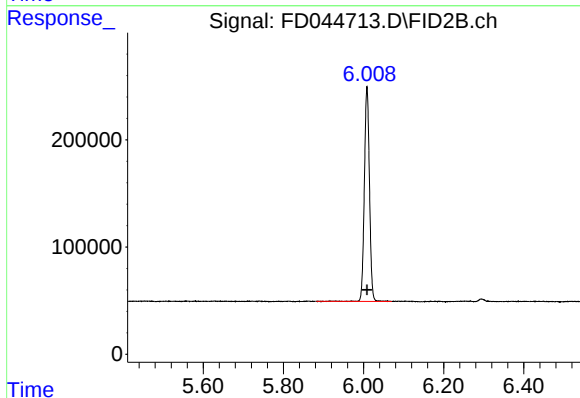
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 1692723
Conc: 10.89 ug/ml

Instrument :
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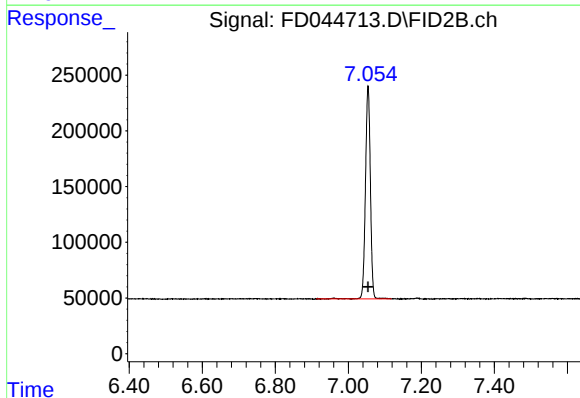
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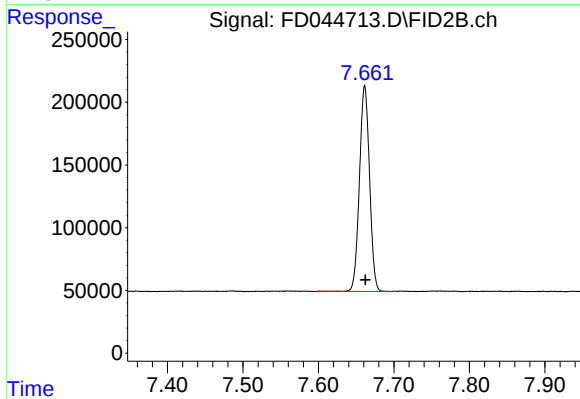
#2 Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 1774183
Conc: 10.97 ug/ml



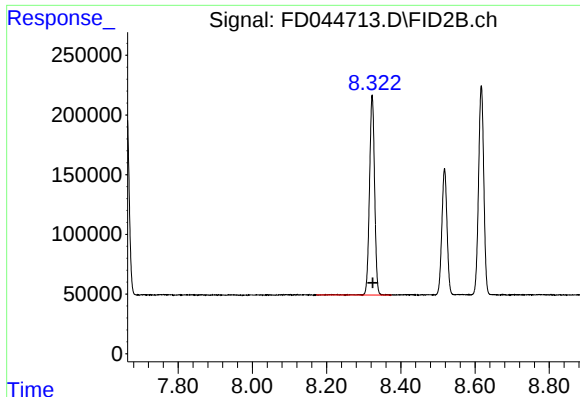
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 1790987
Conc: 11.12 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 1520213
Conc: 10.96 ug/ml



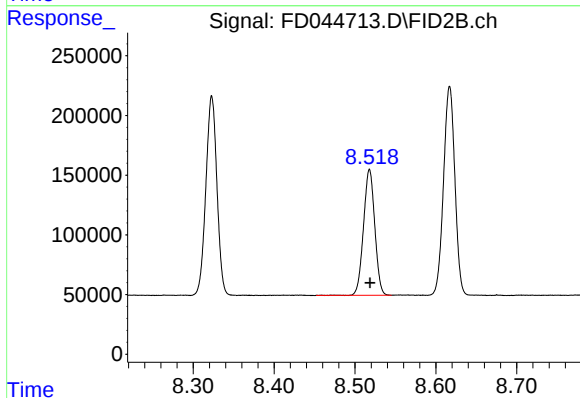
#5 Acenaphthylene (C15.06)

R.T.: 8.323 min
Delta R.T.: -0.001 min
Response: 1603442
Conc: 10.84 ug/ml

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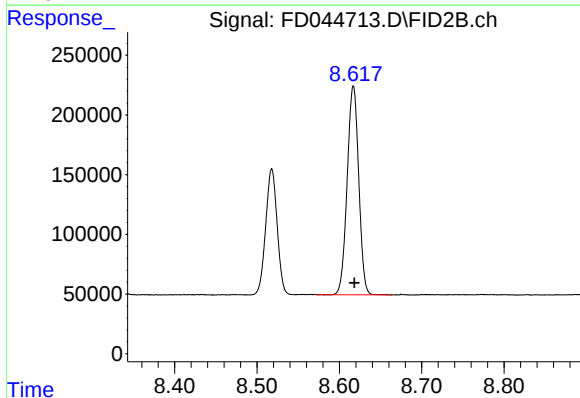
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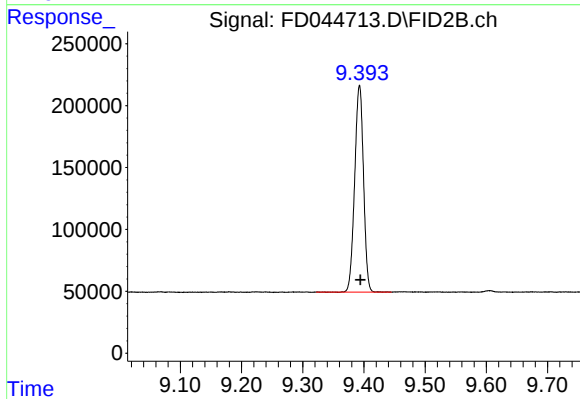
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 1017282
Conc: 10.93 ug/ml



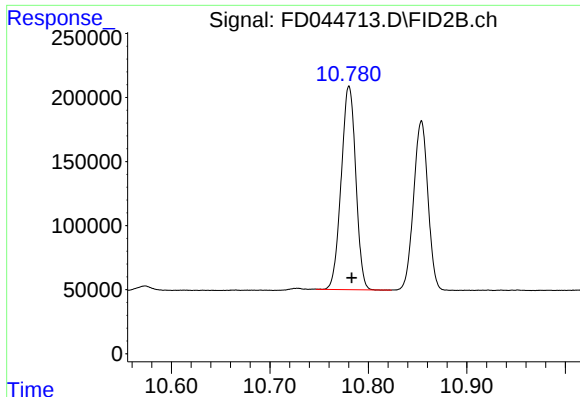
#7 Acenaphthene (C15.5)

R.T.: 8.617 min
Delta R.T.: -0.001 min
Response: 1707083
Conc: 10.94 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.393 min
Delta R.T.: -0.001 min
Response: 1673756
Conc: 10.87 ug/ml



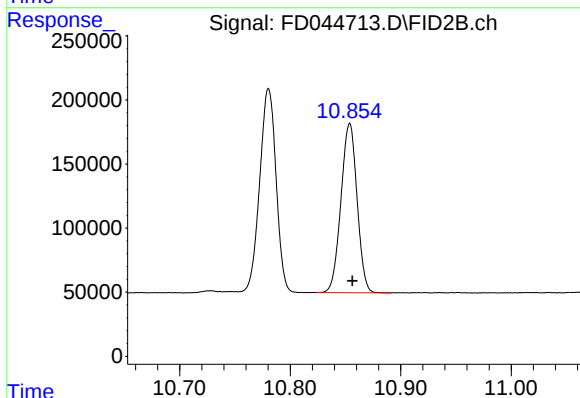
#9 Phenanthrene (C19.36)

R.T.: 10.780 min
Delta R.T.: -0.003 min
Response: 1631419
Conc: 10.79 ug/ml

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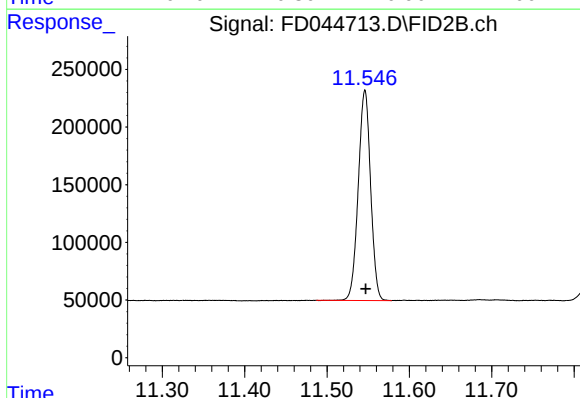
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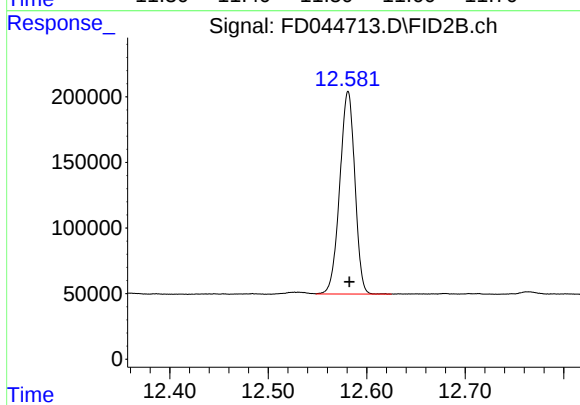
#10 Anthracene (C19.43)

R.T.: 10.854 min
Delta R.T.: -0.002 min
Response: 1339551
Conc: 9.32 ug/ml



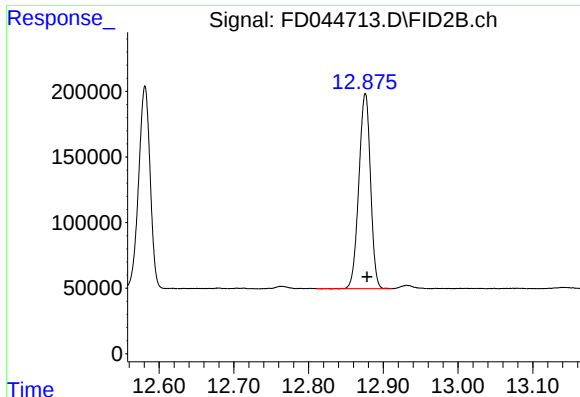
#11 ortho-Terphenyl (SURR)

R.T.: 11.546 min
Delta R.T.: 0.000 min
Response: 1900671
Conc: 10.98 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.581 min
Delta R.T.: -0.002 min
Response: 1647093
Conc: 10.96 ug/ml



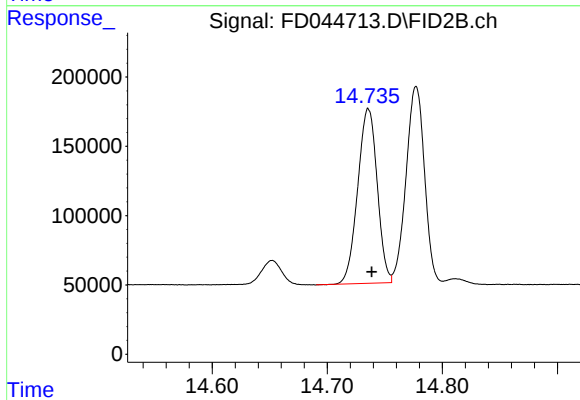
#13 Pyrene (C20.8)

R.T.: 12.876 min
Delta R.T.: -0.002 min
Response: 1606651
Conc: 10.91 ug/ml

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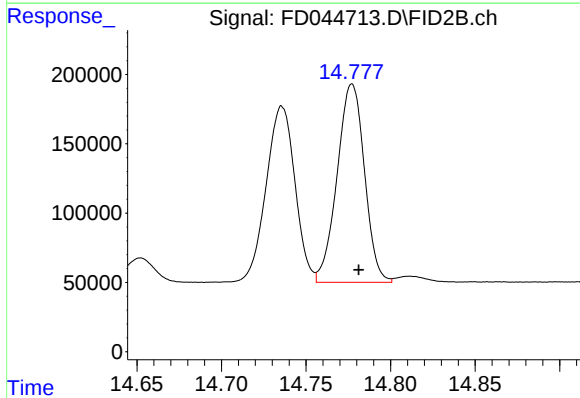
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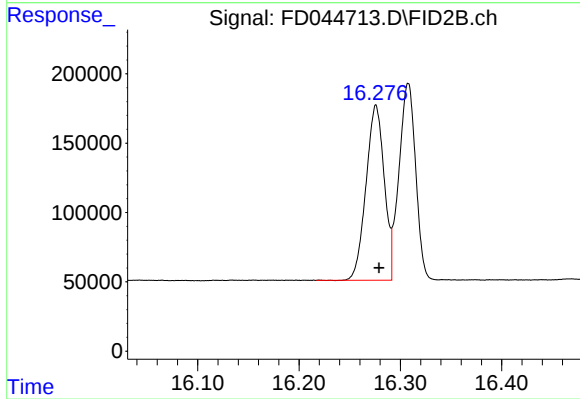
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.736 min
Delta R.T.: -0.003 min
Response: 1482753
Conc: 10.64 ug/ml



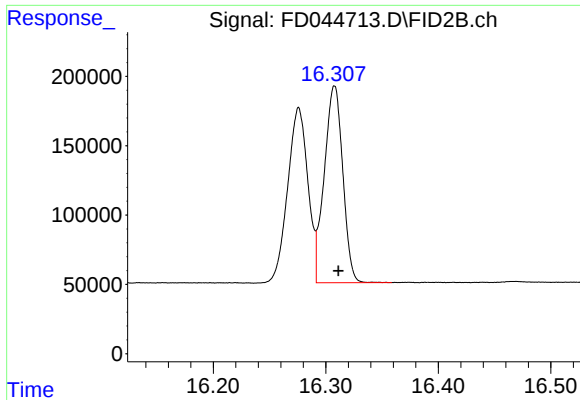
#15 Chrysene (C27.41)

R.T.: 14.777 min
Delta R.T.: -0.004 min
Response: 1611503
Conc: 11.06 ug/ml m



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

R.T.: 16.276 min
Delta R.T.: -0.003 min
Response: 1575439
Conc: 10.90 ug/ml



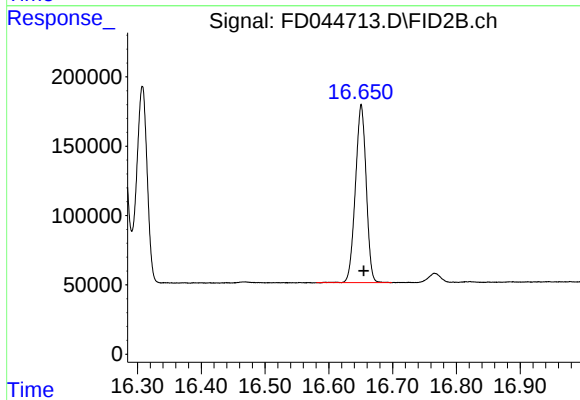
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.308 min
Delta R.T.: -0.004 min
Response: 1626191
Conc: 11.33 ug/ml

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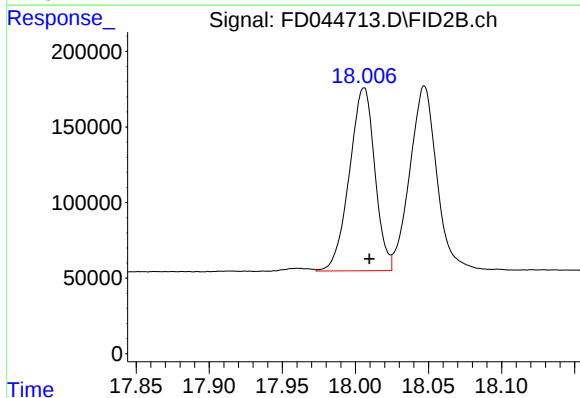
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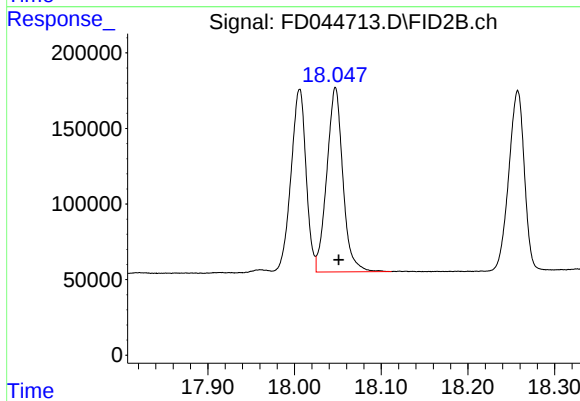
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.651 min
Delta R.T.: -0.004 min
Response: 1506185
Conc: 10.62 ug/ml



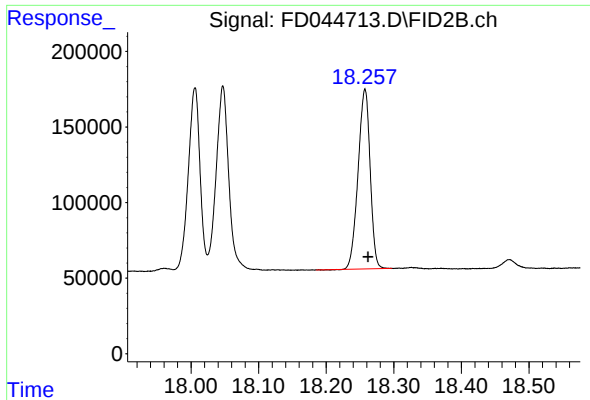
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.006 min
Delta R.T.: -0.004 min
Response: 1465713
Conc: 10.91 ug/ml



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

R.T.: 18.047 min
Delta R.T.: -0.004 min
Response: 1575175
Conc: 11.40 ug/ml



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

R.T.: 18.257 min
Delta R.T.: -0.005 min
Response: 1474632
Conc: 10.79 ug/ml

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