

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112122AR\
 Data File : FD044459.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2022 10:04
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2022
 Supervised By :Ankita Jodhani 11/22/2022

Integration File: autoint1.e
 Quant Time: Nov 22 05:44:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:00:35 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...	7.687	2656707	19.633 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
6) S 2-Fluorobiphenyl (SURR)	8.546	1813735	19.340 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.68%
11) S ortho-Terphenyl (SURR)	11.581	3338709	19.460 ug/ml
Spiked Amount 50.000		Recovery =	38.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.496	2886248	19.801 ug/ml
2) T Naphthalene (C11.7)	6.030	3060074	19.654 ug/ml
3) T 2-Methylnaphthalene (...)	7.078	3098392	19.612 ug/ml
5) T Acenaphthylene (C15.06)	8.351	2843474	18.856 ug/ml
7) T Acenaphthene (C15.5)	8.645	3014397	19.481 ug/ml
8) T Flouorene (C16.55)	9.423	2968592	19.303 ug/ml
9) T Phenanthrene (C19.36)	10.815	2912998	19.371 ug/ml
10) T Anthracene (C19.43)	10.888	2762117	18.852 ug/ml
12) T Fluoranthene (C21.85)	12.620	2939643	19.343 ug/ml
13) T Pyrene (C20.8)	12.915	2879382	19.370 ug/mlm
14) T Benzo[a]anthracene (C...	14.779	2667934	19.061 ug/mlm
15) T Chrysene (C27.41)	14.821	2775849	18.954 ug/ml
16) T benzo[b]fluoranthene ...	16.321	2780786	19.335 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.353	2700942	18.996 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.697	2655621	18.982 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.054	2559698	18.773 ug/mlm
20) T Dibenz[a,h]anthracene...	18.095	2533762	18.810 ug/ml
21) T Benzo[g,h,i]perylene ...	18.308	2609279	19.114 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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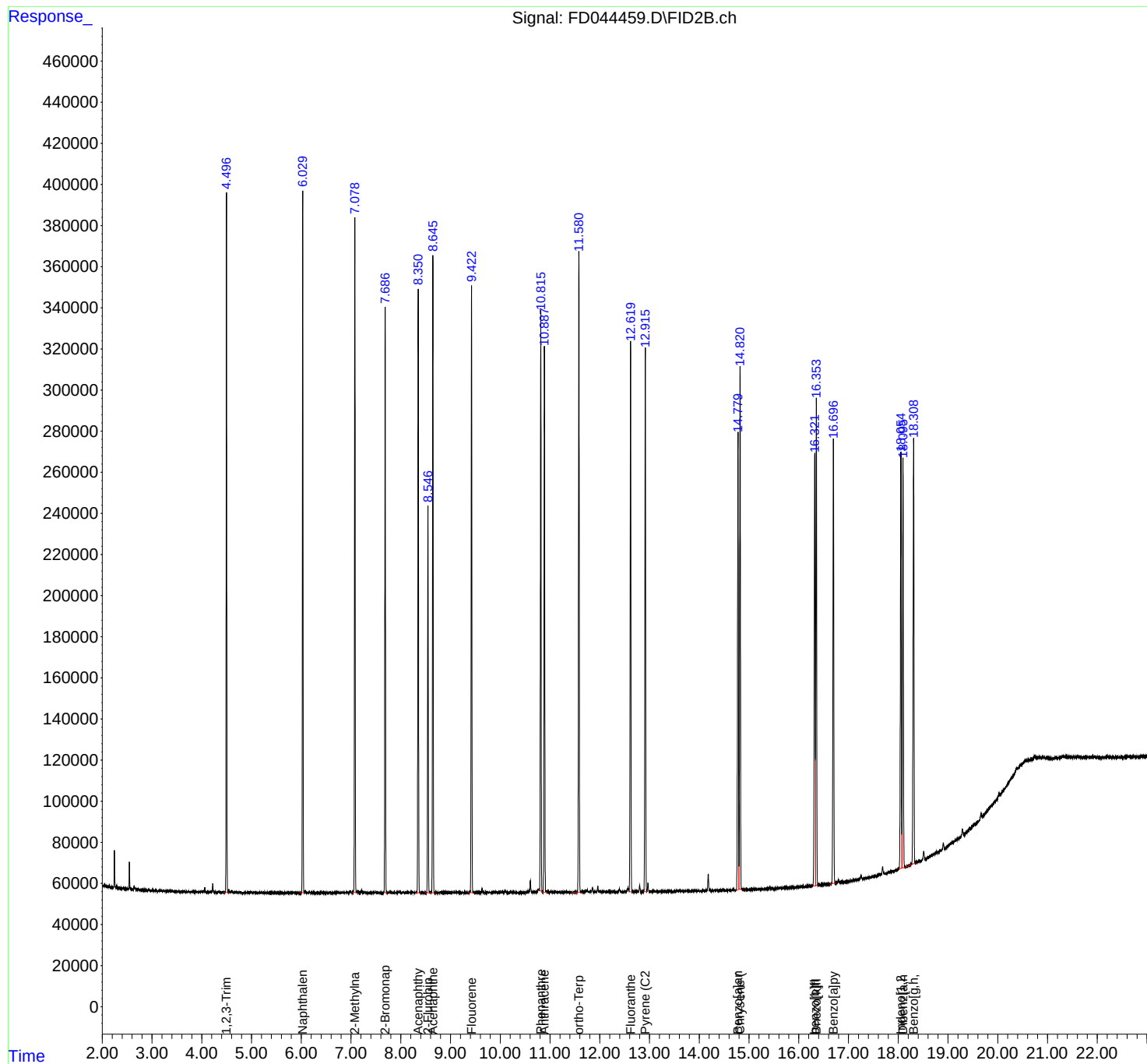
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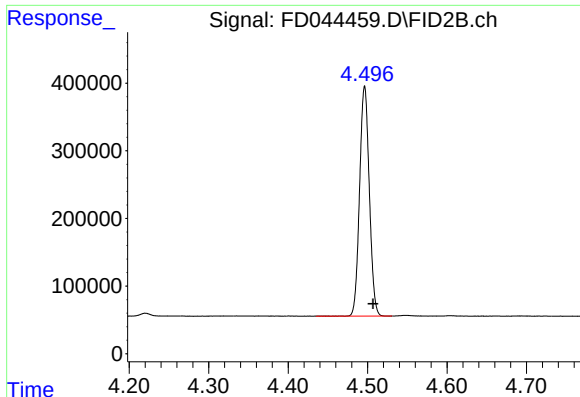
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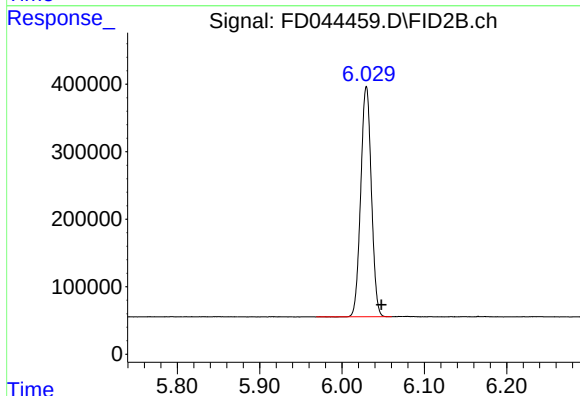
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.496 min
Delta R.T.: -0.011 min
Response: 2886248
Conc: 19.80 ug/ml

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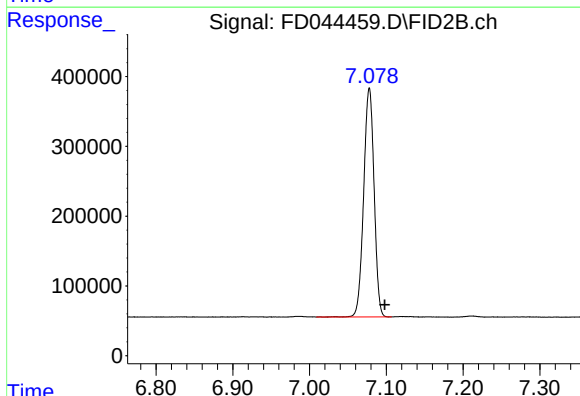
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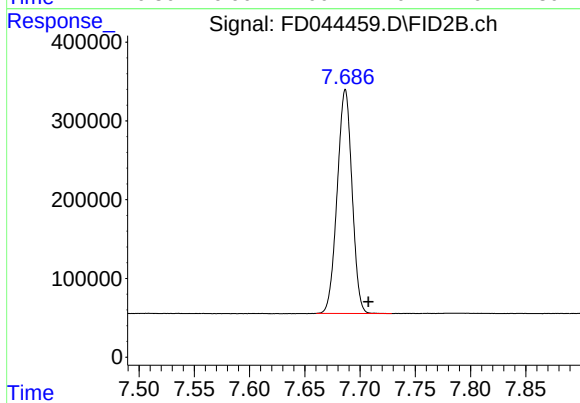
#2 Naphthalene (C11.7)

R.T.: 6.030 min
Delta R.T.: -0.018 min
Response: 3060074
Conc: 19.65 ug/ml



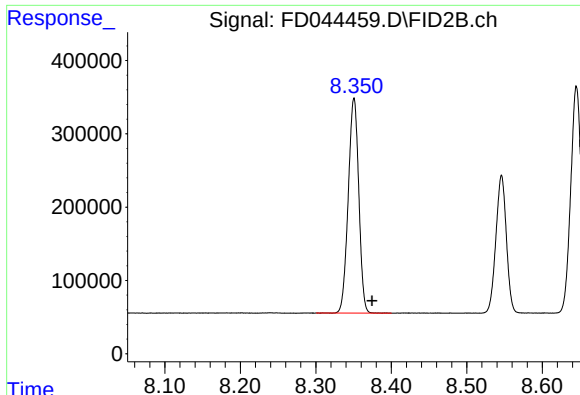
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.078 min
Delta R.T.: -0.020 min
Response: 3098392
Conc: 19.61 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.687 min
Delta R.T.: -0.021 min
Response: 2656707
Conc: 19.63 ug/ml



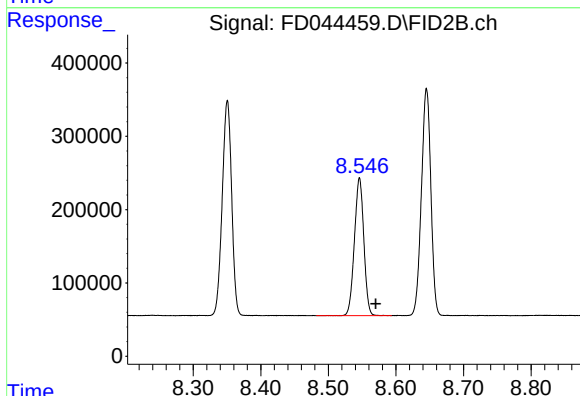
#5 Acenaphthylene (C15.06)

R.T.: 8.351 min
Delta R.T.: -0.024 min
Response: 2843474
Conc: 18.86 ug/ml

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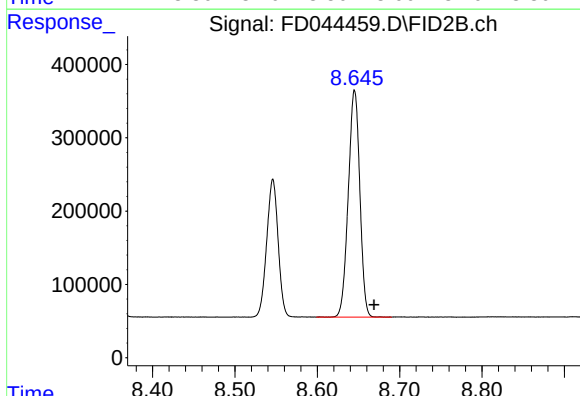
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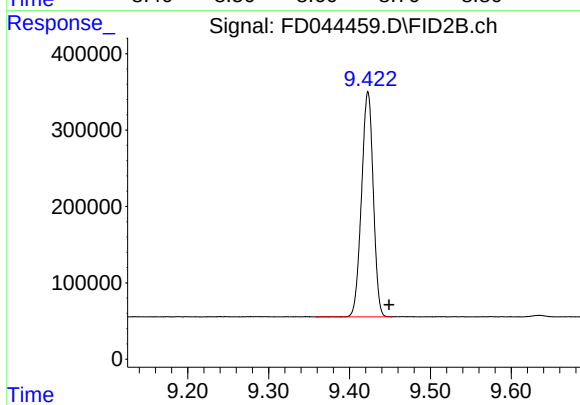
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.546 min
Delta R.T.: -0.024 min
Response: 1813735
Conc: 19.34 ug/ml



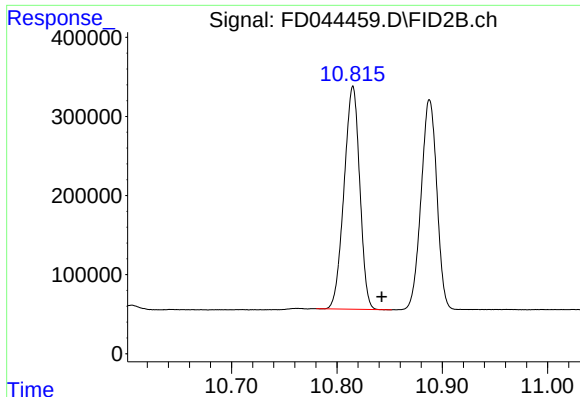
#7 Acenaphthene (C15.5)

R.T.: 8.645 min
Delta R.T.: -0.024 min
Response: 3014397
Conc: 19.48 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.423 min
Delta R.T.: -0.026 min
Response: 2968592
Conc: 19.30 ug/ml



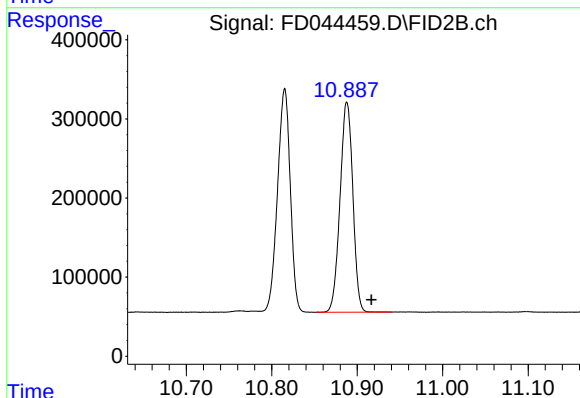
#9 Phenanthrene (C19.36)

R.T.: 10.815 min
Delta R.T.: -0.028 min
Response: 2912998
Conc: 19.37 ug/ml

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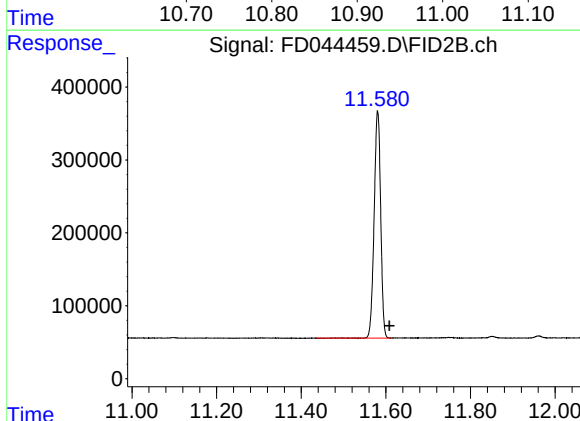
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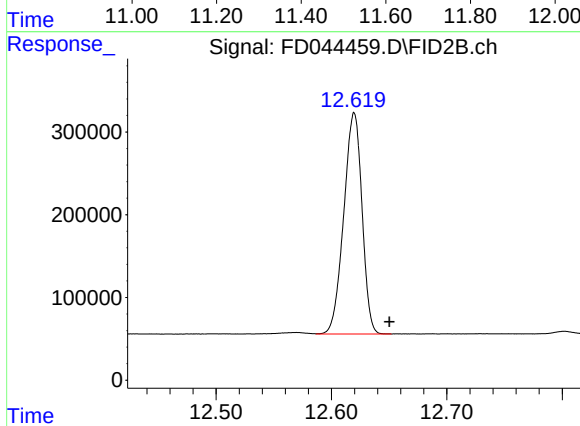
#10 Anthracene (C19.43)

R.T.: 10.888 min
Delta R.T.: -0.028 min
Response: 2762117
Conc: 18.85 ug/ml



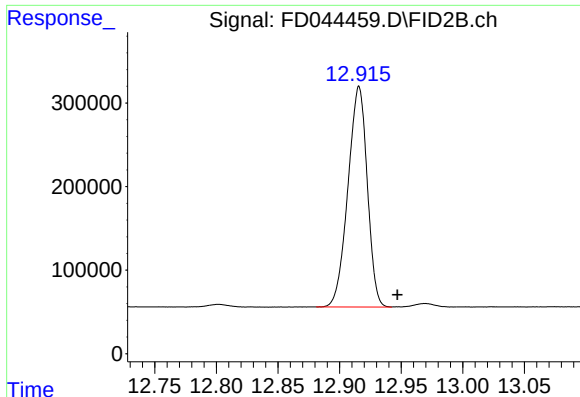
#11 ortho-Terphenyl (SURR)

R.T.: 11.581 min
Delta R.T.: -0.027 min
Response: 3338709
Conc: 19.46 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.620 min
Delta R.T.: -0.031 min
Response: 2939643
Conc: 19.34 ug/ml



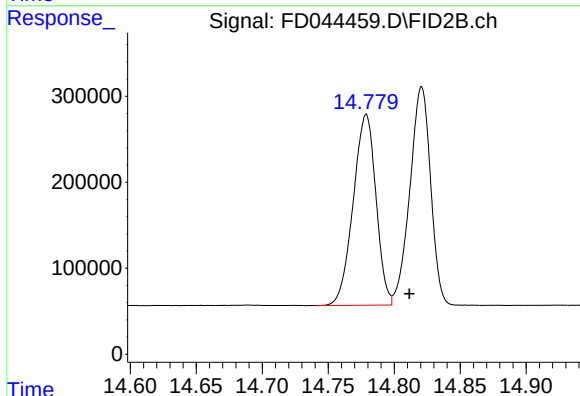
#13 Pyrene (C20.8)

R.T.: 12.915 min
Delta R.T.: -0.032 min
Response: 2879382
Conc: 19.37 ug/ml

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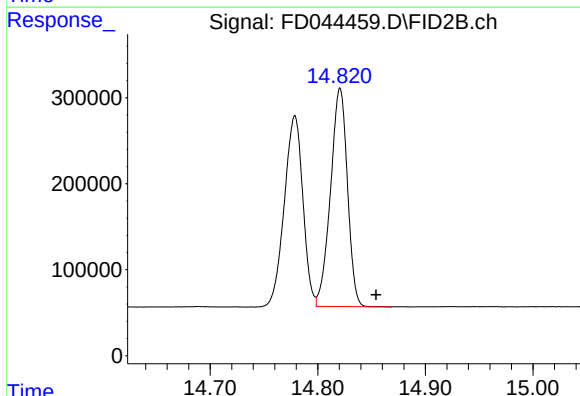
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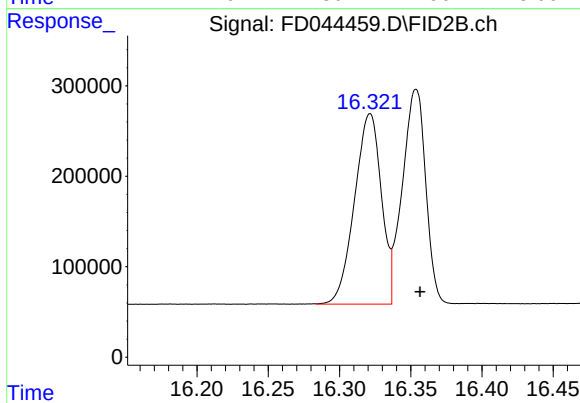
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.779 min
Delta R.T.: -0.033 min
Response: 2667934
Conc: 19.06 ug/ml m



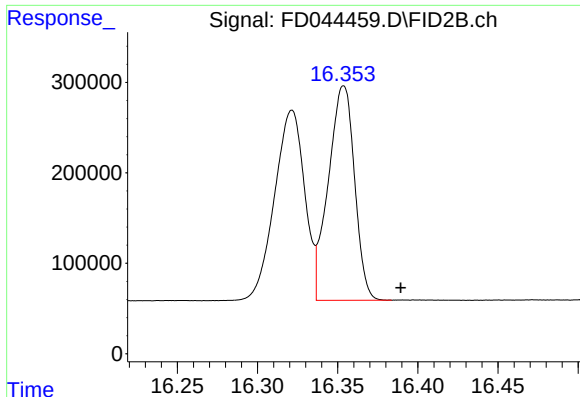
#15 Chrysene (C27.41)

R.T.: 14.821 min
Delta R.T.: -0.034 min
Response: 2775849
Conc: 18.95 ug/ml



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

R.T.: 16.321 min
Delta R.T.: -0.035 min
Response: 2780786
Conc: 19.34 ug/ml m



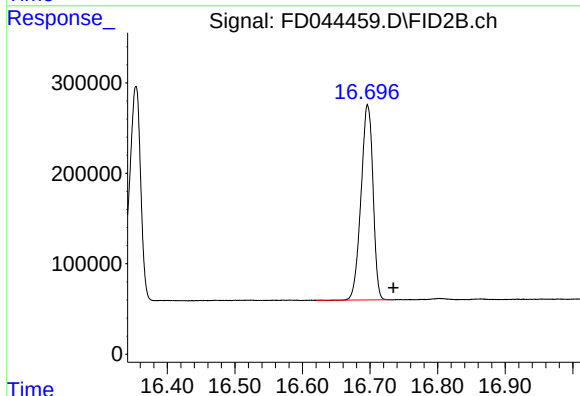
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.353 min
Delta R.T.: -0.036 min
Response: 2700942
Conc: 19.00 ug/ml

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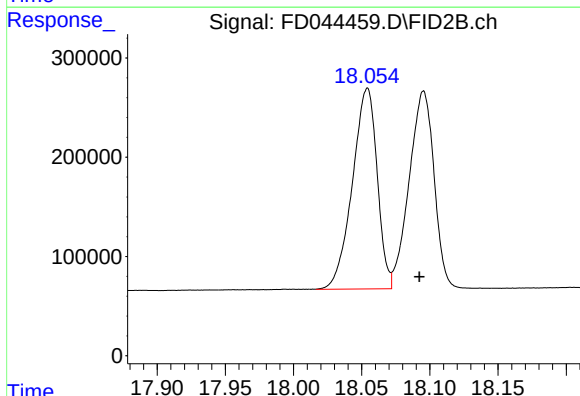
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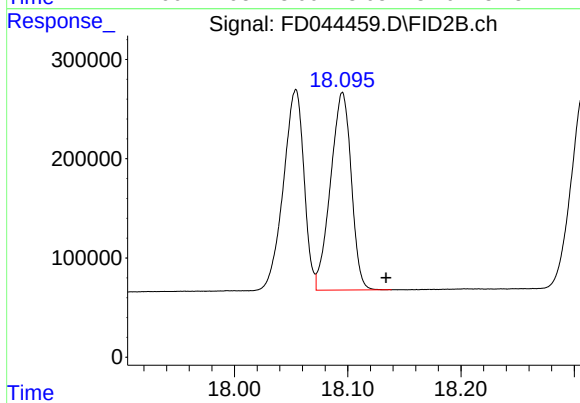
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.697 min
Delta R.T.: -0.038 min
Response: 2655621
Conc: 18.98 ug/ml



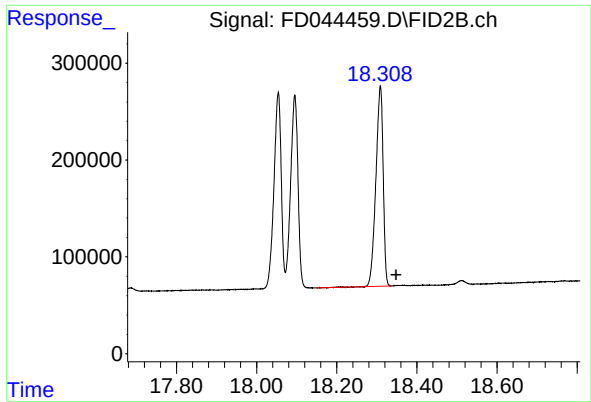
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.054 min
Delta R.T.: -0.038 min
Response: 2559698
Conc: 18.77 ug/ml m



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

R.T.: 18.095 min
Delta R.T.: -0.039 min
Response: 2533762
Conc: 18.81 ug/ml



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

R.T.: 18.308 min
Delta R.T.: -0.039 min
Response: 2609279
Conc: 19.11 ug/ml

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