

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072222AR\
 Data File : FD043318.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jul 2022 00:41
 Operator : YP/AJ
 Sample : N3786-01MSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 0718-WC-TP-12EAMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2022
 Supervised By :Ankita Jodhani 07/25/2022

Integration File: autoint1.e
 Quant Time: Jul 23 05:47:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 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...	7.621	6363014	41.209 ug/ml
Spiked Amount 50.000		Recovery =	82.42%
6) S 2-Fluorobiphenyl (SURR)	8.484	4278524	40.565 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.13%
11) S ortho-Terphenyl (SURR)	11.529	5162428	28.404 ug/ml
Spiked Amount 50.000		Recovery =	56.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.416	5201986	30.973 ug/ml
2) T Naphthalene (C11.7)	5.955	5849546	33.412 ug/ml
3) T 2-Methylnaphthalene (...)	7.009	6028467	37.480 ug/ml
5) T Acenaphthylene (C15.06)	8.287	5970816	33.592 ug/ml
7) T Acenaphthene (C15.5)	8.584	6399132	36.543 ug/ml
8) T Flouorene (C16.55)	9.365	6287292	36.271 ug/ml
9) T Phenanthrene (C19.36)	10.763	6096811	35.548 ug/ml
10) T Anthracene (C19.43)	10.838	5787118	34.063 ug/ml
12) T Fluoranthene (C21.85)	12.576	6086029	36.288 ug/ml
13) T Pyrene (C20.8)	12.874	6035861	37.037 ug/mlm
14) T Benzo[a]anthracene (C...	14.747	5189221	33.414 ug/mlm
15) T Chrysene (C27.41)	14.790	5315594	33.679 ug/ml
16) T benzo[b]fluoranthene ...	16.299	5357387	35.145 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.332	5025671	34.338 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.676	4481804	31.334 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.042	4704488	37.595 ug/mlm
20) T Dibenz[a,h]anthracene...	18.080	4288532	31.900 ug/ml
21) T Benzo[g,h,i]perylene ...	18.298	4910464	37.648 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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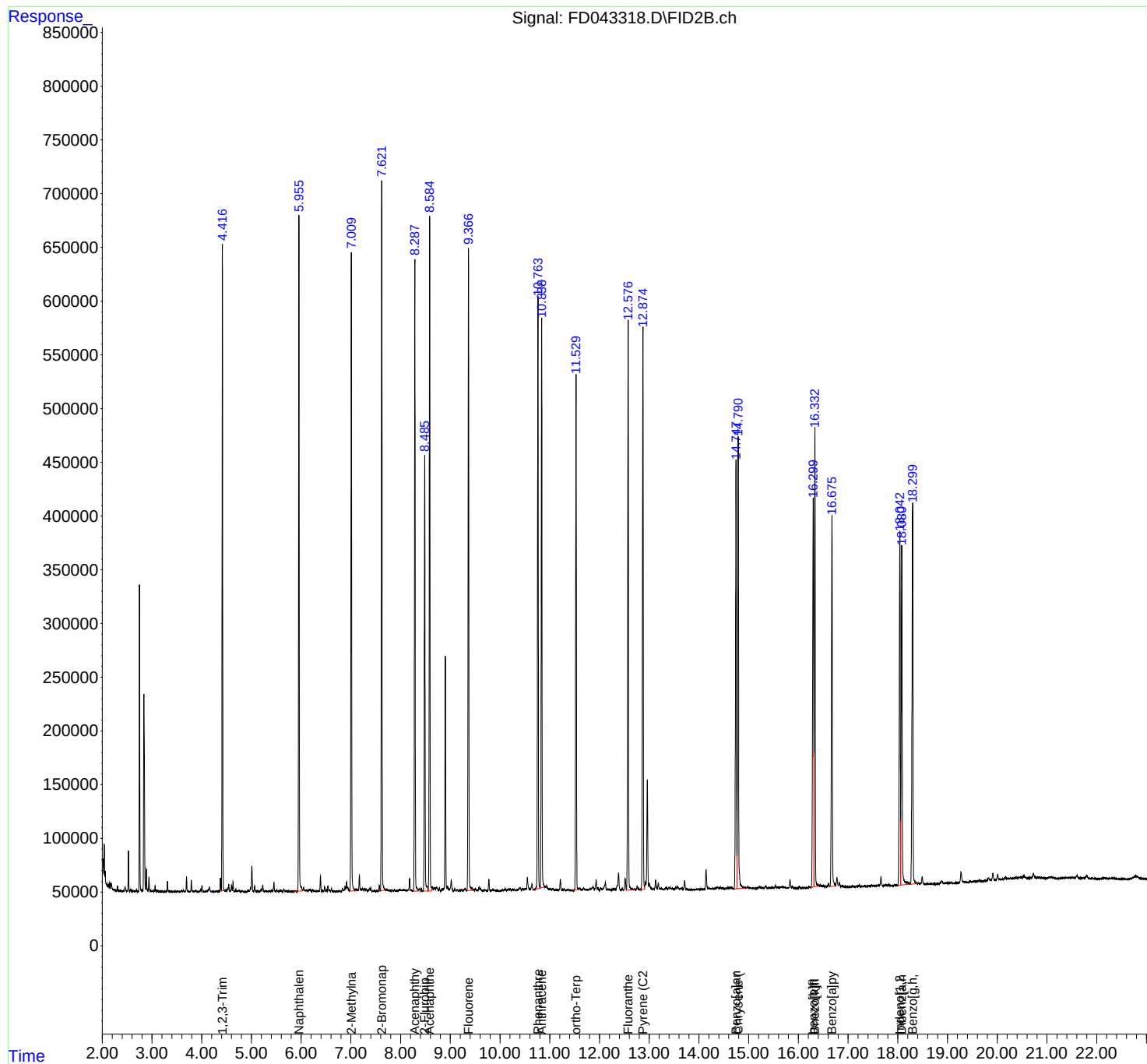
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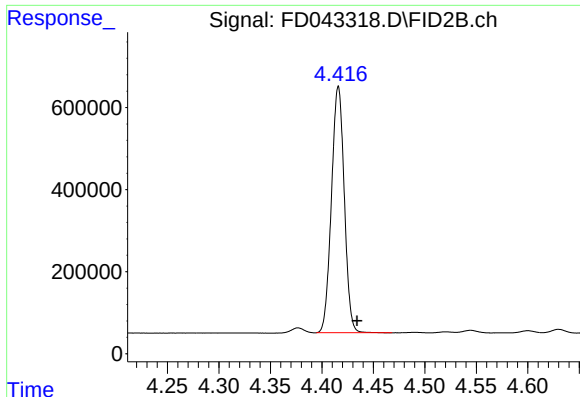
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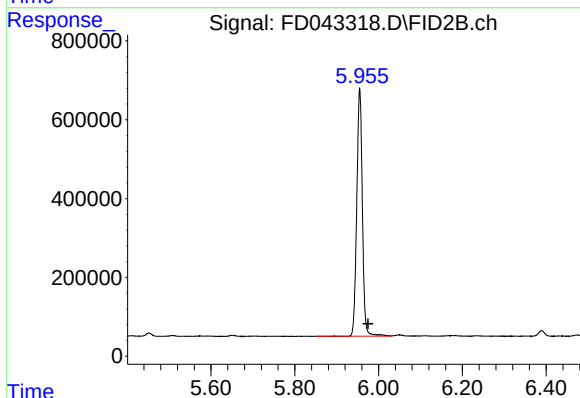
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.416 min
Delta R.T.: -0.018 min
Response: 5201986
Conc: 30.97 ug/ml

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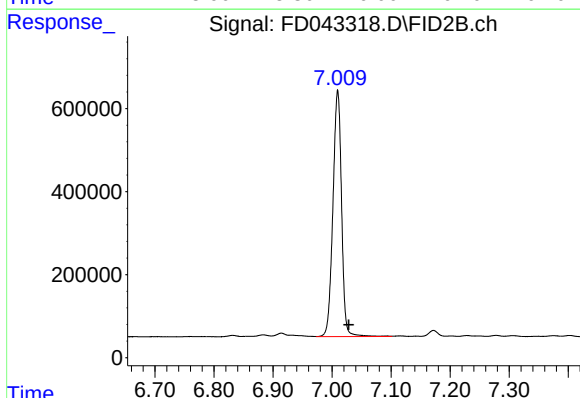
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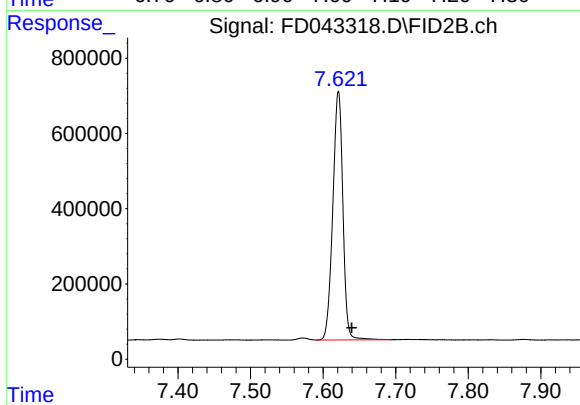
#2 Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: -0.020 min
Response: 5849546
Conc: 33.41 ug/ml



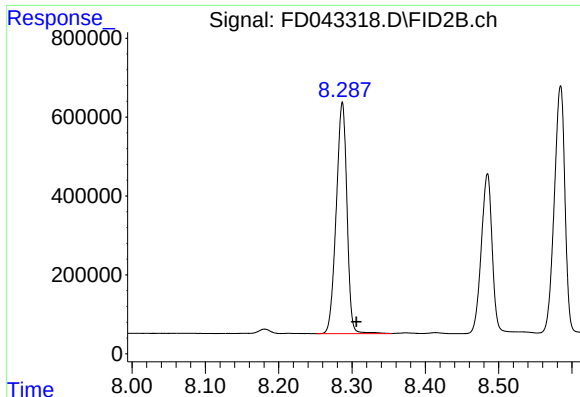
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.019 min
Response: 6028467
Conc: 37.48 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.621 min
Delta R.T.: -0.019 min
Response: 6363014
Conc: 41.21 ug/ml



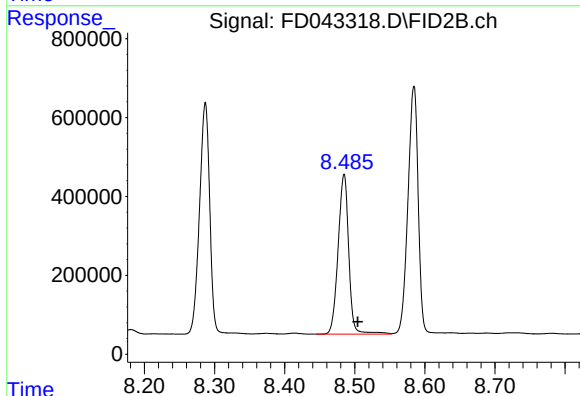
#5 Acenaphthylene (C15.06)

R.T.: 8.287 min
Delta R.T.: -0.019 min
Response: 5970816
Conc: 33.59 ug/ml

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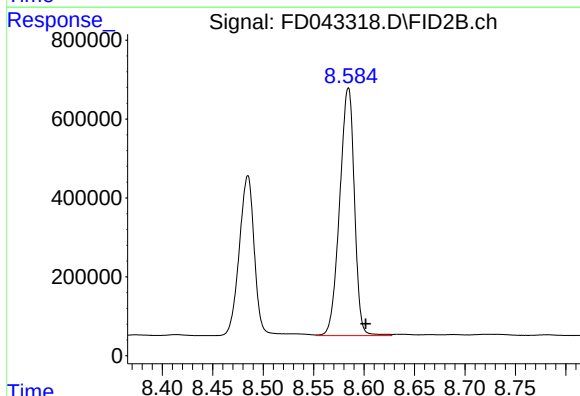
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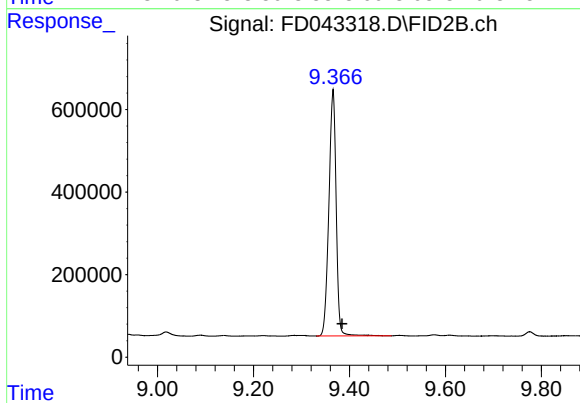
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.484 min
Delta R.T.: -0.020 min
Response: 4278524
Conc: 40.56 ug/ml



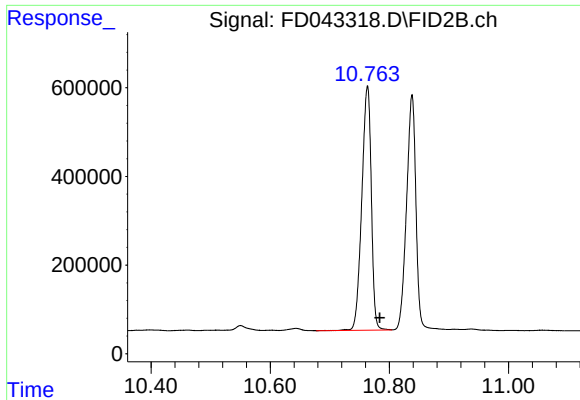
#7 Acenaphthene (C15.5)

R.T.: 8.584 min
Delta R.T.: -0.018 min
Response: 6399132
Conc: 36.54 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.365 min
Delta R.T.: -0.019 min
Response: 6287292
Conc: 36.27 ug/ml



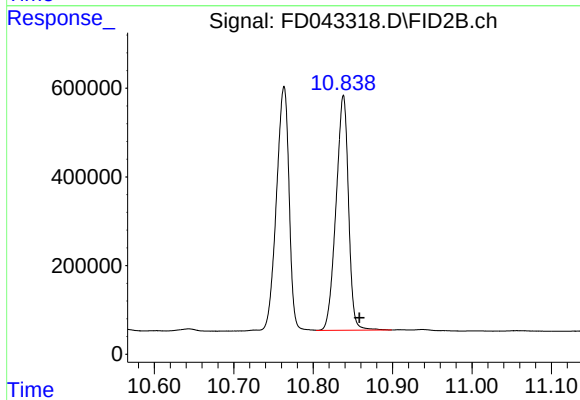
#9 Phenanthrene (C19.36)

R.T.: 10.763 min
Delta R.T.: -0.021 min
Response: 6096811
Conc: 35.55 ug/ml

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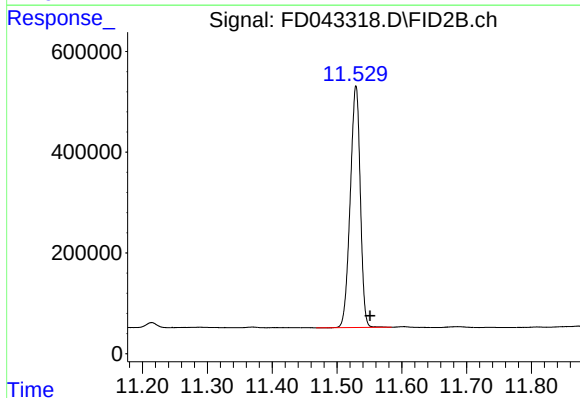
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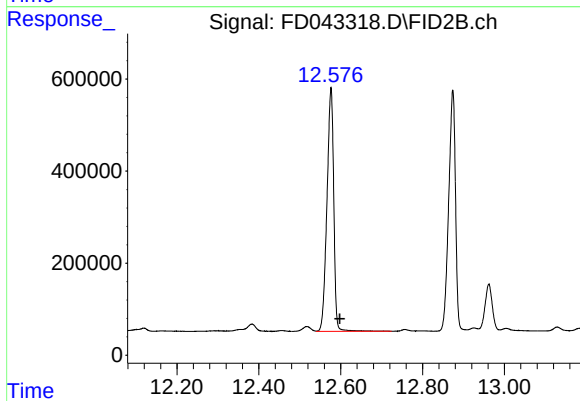
#10 Anthracene (C19.43)

R.T.: 10.838 min
Delta R.T.: -0.020 min
Response: 5787118
Conc: 34.06 ug/ml



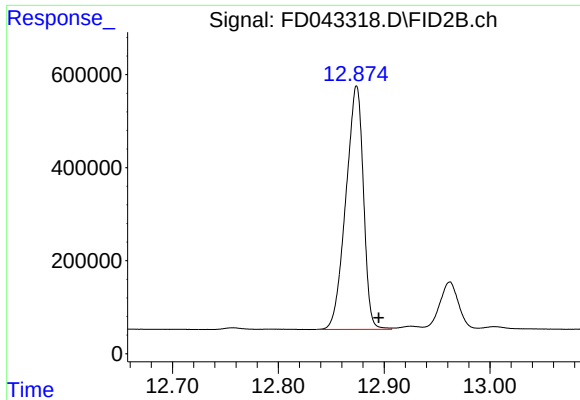
#11 ortho-Terphenyl (SURR)

R.T.: 11.529 min
Delta R.T.: -0.022 min
Response: 5162428
Conc: 28.40 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.576 min
Delta R.T.: -0.021 min
Response: 6086029
Conc: 36.29 ug/ml



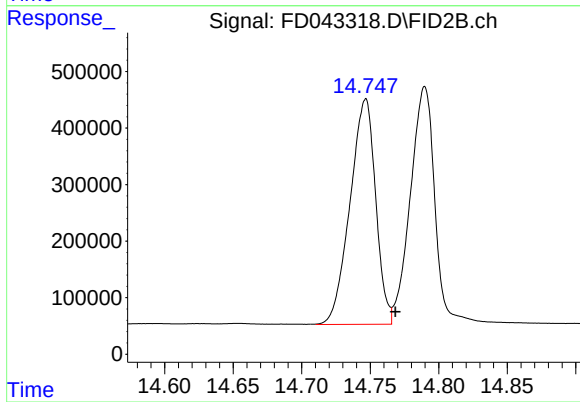
#13 Pyrene (C20.8)

R.T.: 12.874 min
Delta R.T.: -0.021 min
Response: 6035861
Conc: 37.04 ug/ml

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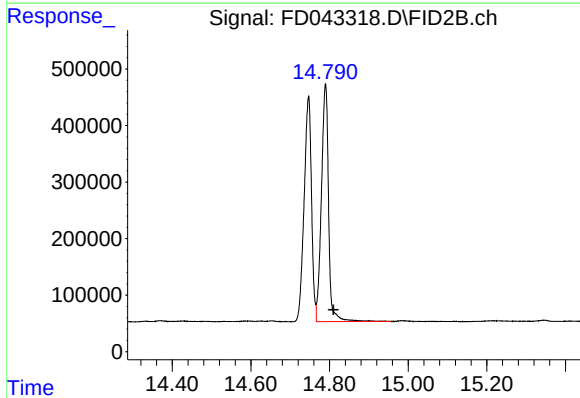
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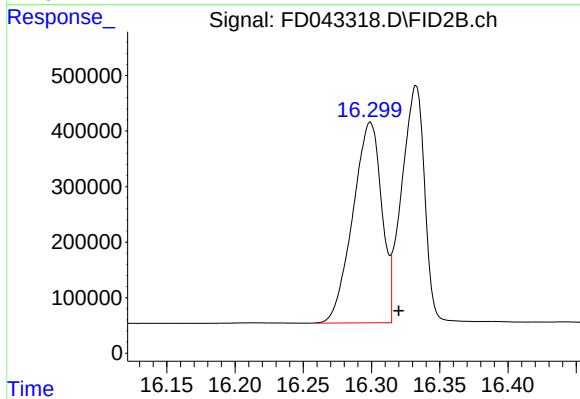
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.747 min
Delta R.T.: -0.022 min
Response: 5189221
Conc: 33.41 ug/ml m



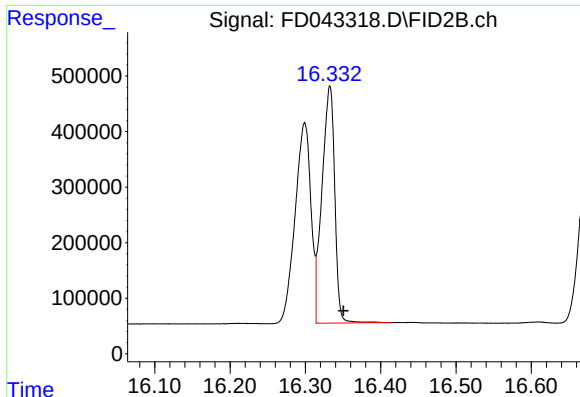
#15 Chrysene (C27.41)

R.T.: 14.790 min
Delta R.T.: -0.020 min
Response: 5315594
Conc: 33.68 ug/ml



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

R.T.: 16.299 min
Delta R.T.: -0.021 min
Response: 5357387
Conc: 35.15 ug/ml m



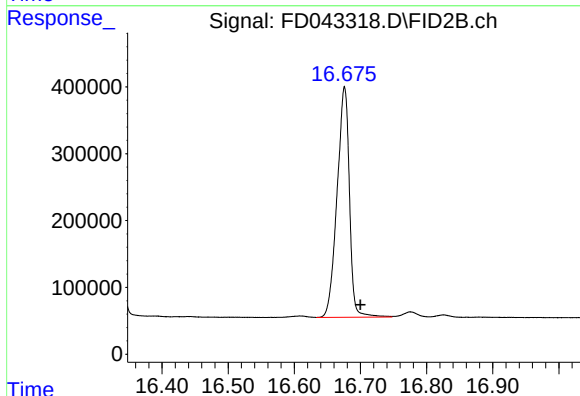
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.332 min
Delta R.T.: -0.019 min
Response: 5025671
Conc: 34.34 ug/ml

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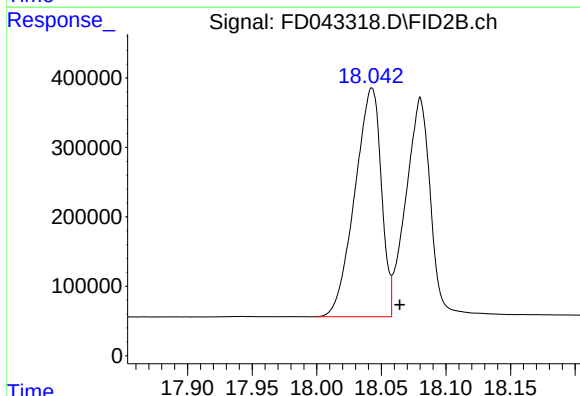
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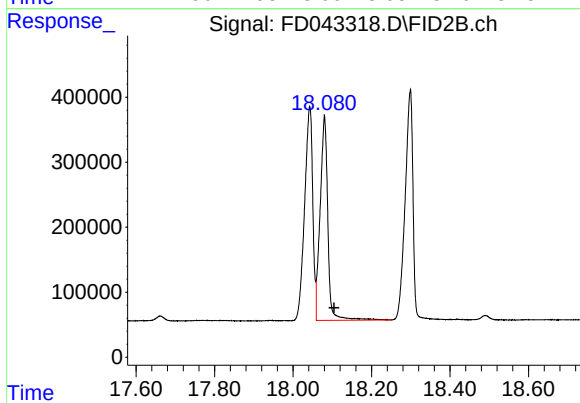
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.676 min
Delta R.T.: -0.024 min
Response: 4481804
Conc: 31.33 ug/ml



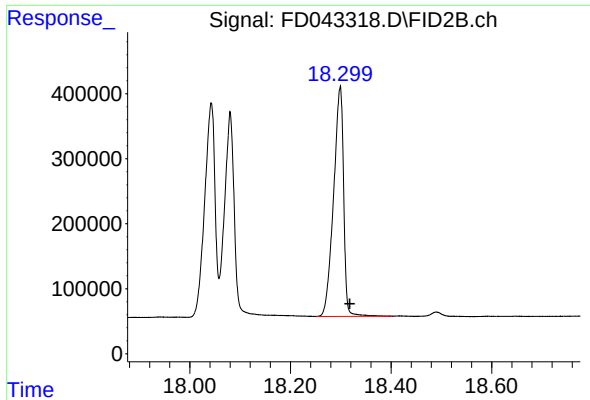
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.042 min
Delta R.T.: -0.022 min
Response: 4704488
Conc: 37.59 ug/ml m



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

R.T.: 18.080 min
Delta R.T.: -0.025 min
Response: 4288532
Conc: 31.90 ug/ml



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

R.T.: 18.298 min
Delta R.T.: -0.020 min
Response: 4910464
Conc: 37.65 ug/ml

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