

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112922AR\
 Data File : FD044532.D
 Signal(s) : FID2B.ch
 Acq On : 28 Nov 2022 18:52
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Nov 29 00:26:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:18:15 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...	7.685	1320314	10.524 ug/ml
Spiked Amount 50.000		Recovery =	21.05%
6) S 2-Fluorobiphenyl (SURR)	8.543	898971	10.537 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.07%
11) S ortho-Terphenyl (SURR)	11.573	1654128	10.519 ug/ml
Spiked Amount 50.000		Recovery =	21.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.501	1449964	10.507 ug/ml
2) T Naphthalene (C11.7)	6.032	1527908	10.516 ug/ml
3) T 2-Methylnaphthalene (...)	7.077	1536696	10.519 ug/ml
5) T Acenaphthylene (C15.06)	8.347	1409456	10.504 ug/ml
7) T Acenaphthene (C15.5)	8.641	1489891	10.509 ug/ml
8) T Flouorene (C16.55)	9.418	1464290	10.490 ug/ml
9) T Phenanthrene (C19.36)	10.808	1445729	10.480 ug/ml
10) T Anthracene (C19.43)	10.880	1408084	10.478 ug/ml
12) T Fluoranthene (C21.85)	12.609	1452933	10.532 ug/ml
13) T Pyrene (C20.8)	12.905	1410256	10.459 ug/ml
14) T Benzo[a]anthracene (C...	14.765	1312874	10.476 ug/ml
15) T Chrysene (C27.41)	14.807	1367657	10.488 ug/ml
16) T benzo[b]fluoranthene ...	16.306	1329250	10.432 ug/ml
17) T Bnezo[k]fluoranthene ...	16.337	1321297	10.490 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.682	1314935	10.505 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.037	1277352	10.302 ug/ml
20) T Dibenz[a,h]anthracene...	18.078	1294821	10.706 ug/ml
21) T Benzo[g,h,i]perylene ...	18.289	1306188	10.471 ug/ml

(f)=RT Delta > 1/2 Window

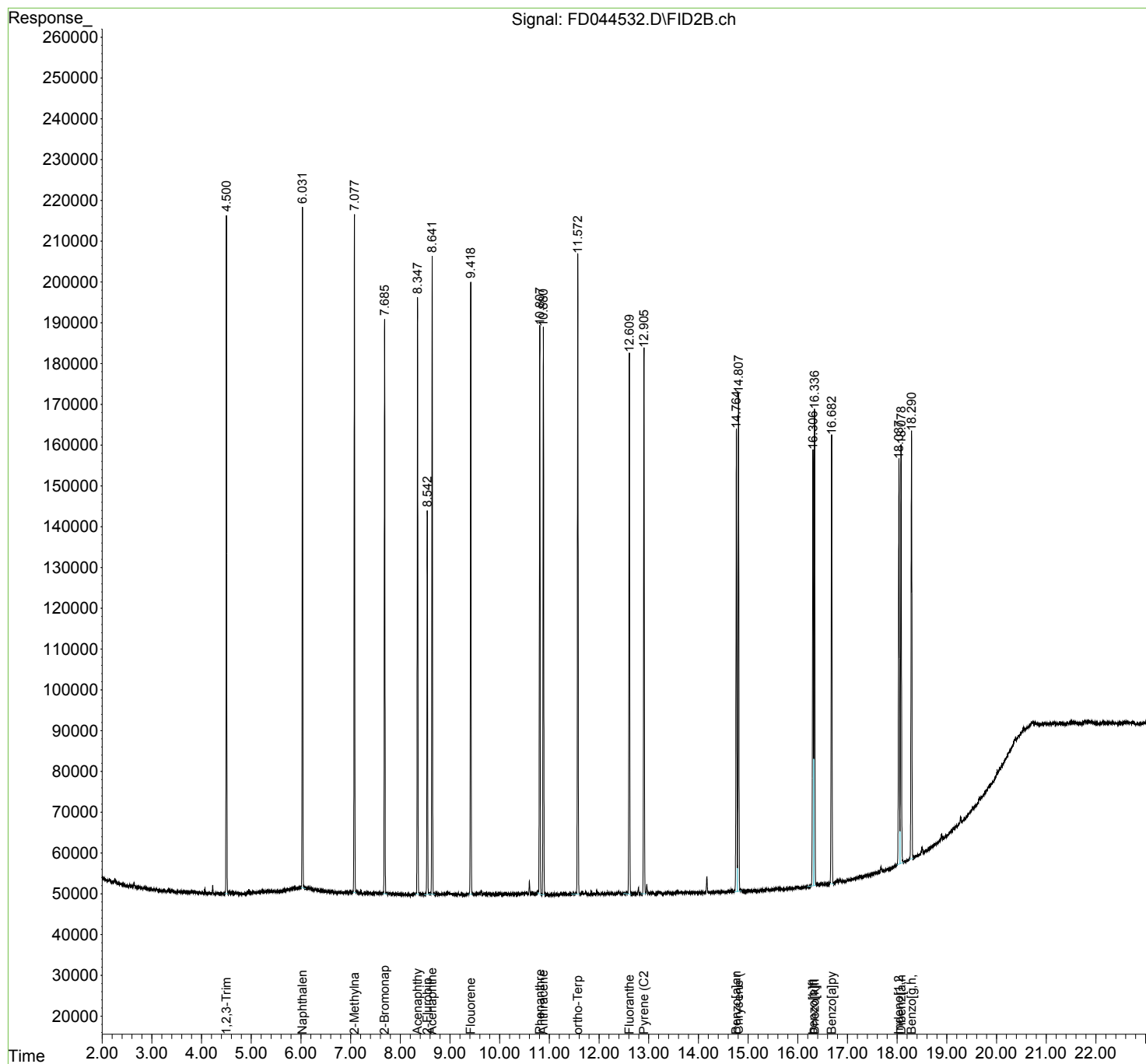
(m)=manual int.

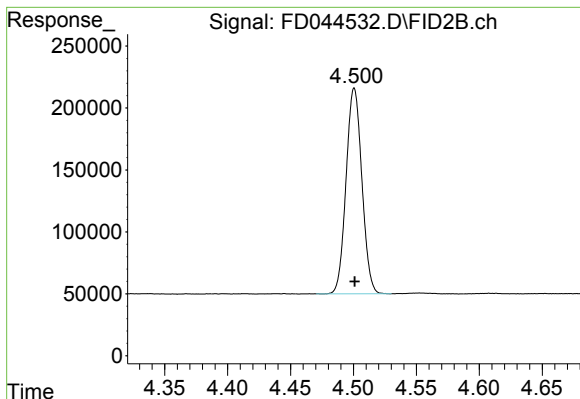
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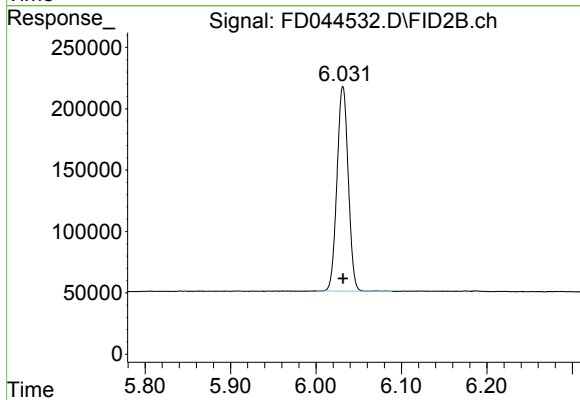




#1 1,2,3-Trimethylbenzene (C10.1)

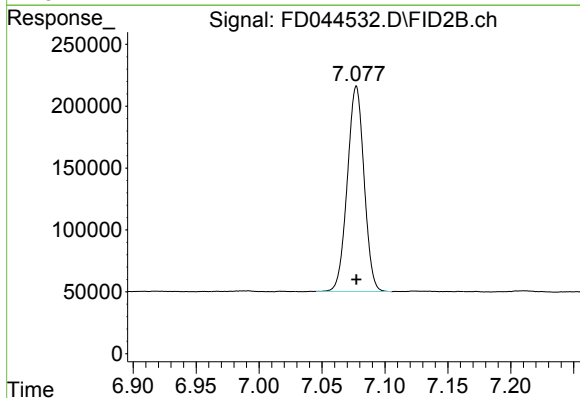
R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 1449964
Conc: 10.51 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



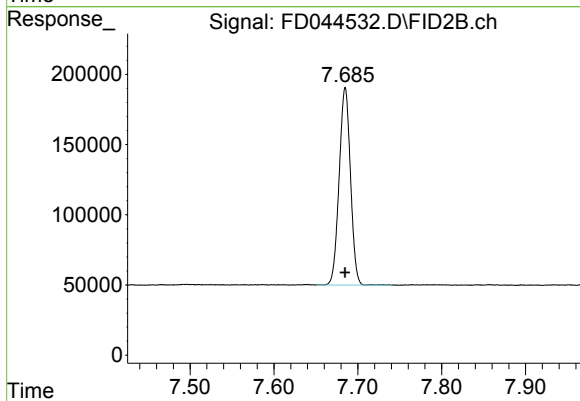
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 1527908
Conc: 10.52 ug/ml



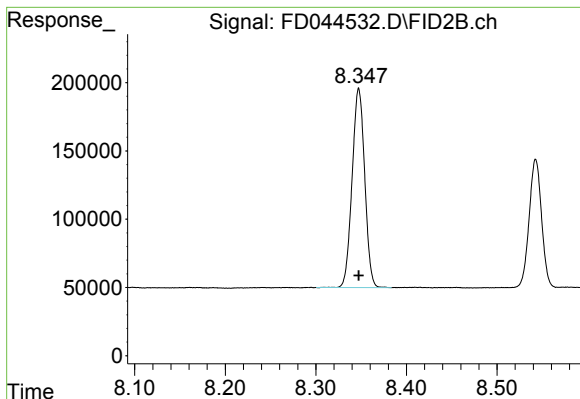
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.077 min
Delta R.T.: 0.000 min
Response: 1536696
Conc: 10.52 ug/ml



#4 2-Bromonaphthalene (SURR)

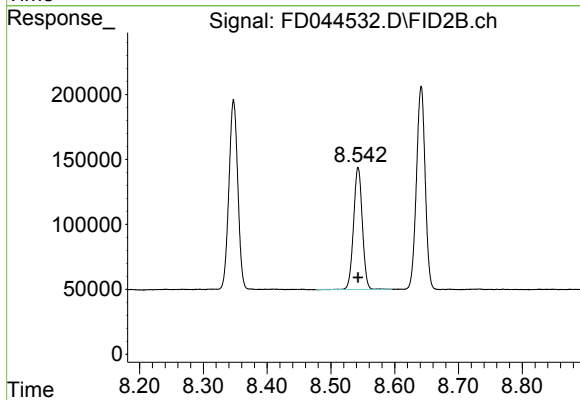
R.T.: 7.685 min
Delta R.T.: 0.000 min
Response: 1320314
Conc: 10.52 ug/ml



#5 Acenaphthylene (C15.06)

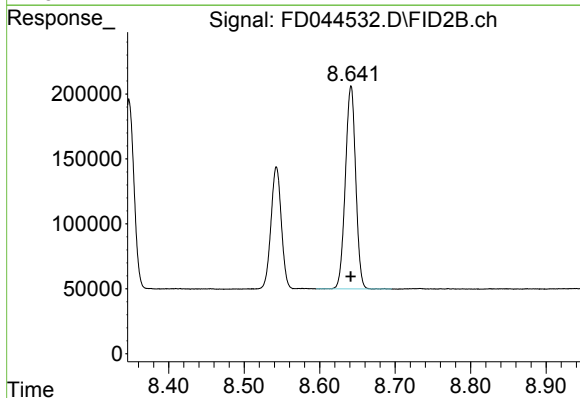
R.T.: 8.347 min
Delta R.T.: 0.000 min
Response: 1409456
Conc: 10.50 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



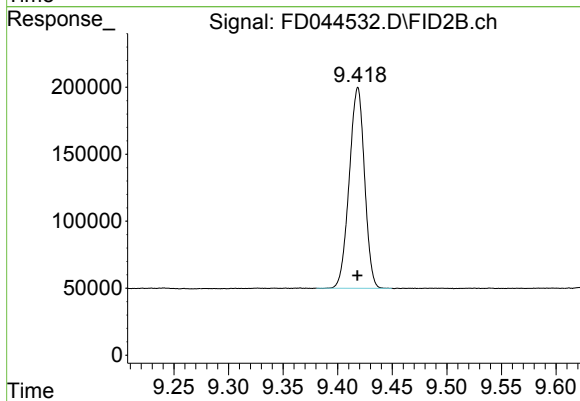
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.543 min
Delta R.T.: 0.000 min
Response: 898971
Conc: 10.54 ug/ml



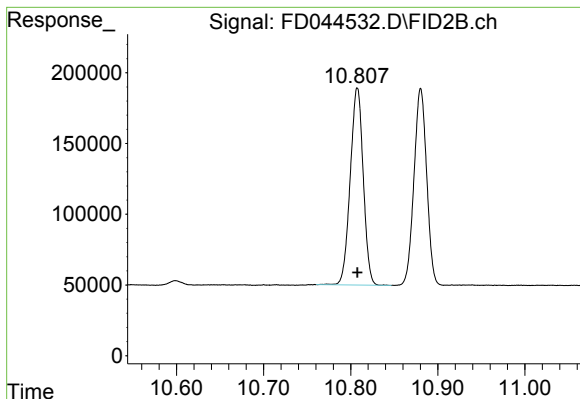
#7 Acenaphthene (C15.5)

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 1489891
Conc: 10.51 ug/ml



#8 Fluorene (C16.55)

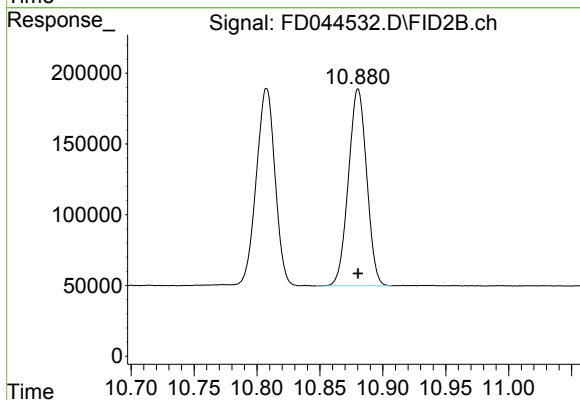
R.T.: 9.418 min
Delta R.T.: 0.000 min
Response: 1464290
Conc: 10.49 ug/ml



#9 Phenanthrene (C19.36)

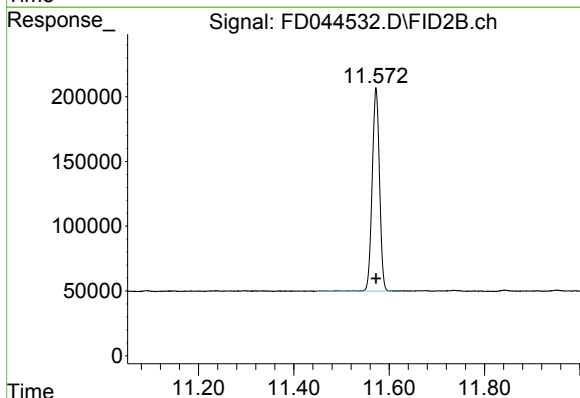
R.T.: 10.808 min
Delta R.T.: 0.000 min
Response: 1445729
Conc: 10.48 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



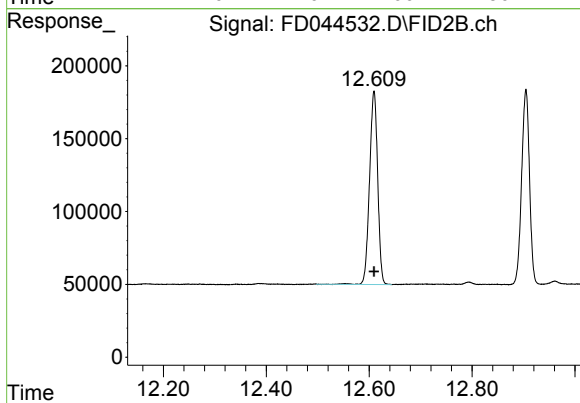
#10 Anthracene (C19.43)

R.T.: 10.880 min
Delta R.T.: 0.000 min
Response: 1408084
Conc: 10.48 ug/ml



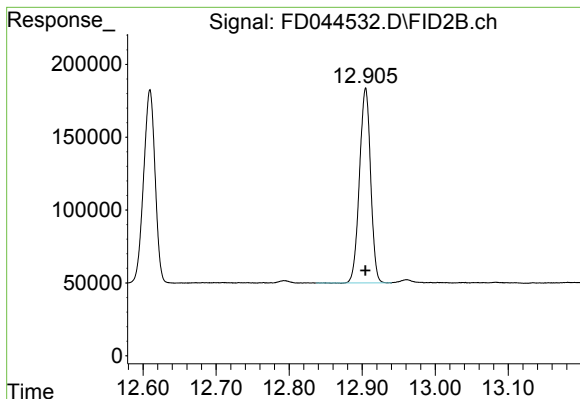
#11 ortho-Terphenyl (SURR)

R.T.: 11.573 min
Delta R.T.: 0.000 min
Response: 1654128
Conc: 10.52 ug/ml



#12 Fluoranthene (C21.85)

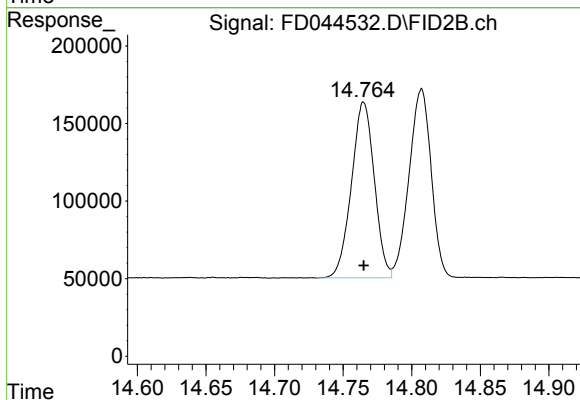
R.T.: 12.609 min
Delta R.T.: 0.000 min
Response: 1452933
Conc: 10.53 ug/ml



#13 Pyrene (C20.8)

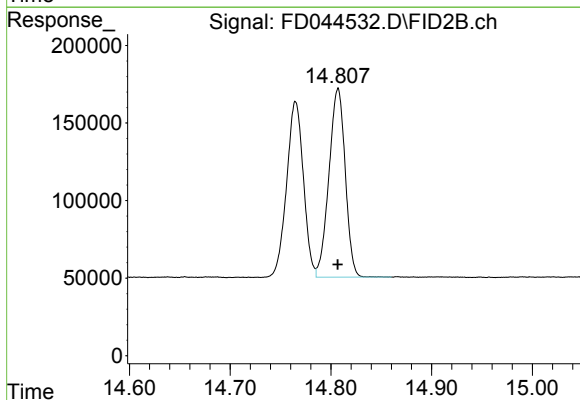
R.T.: 12.905 min
Delta R.T.: 0.000 min
Response: 1410256
Conc: 10.46 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



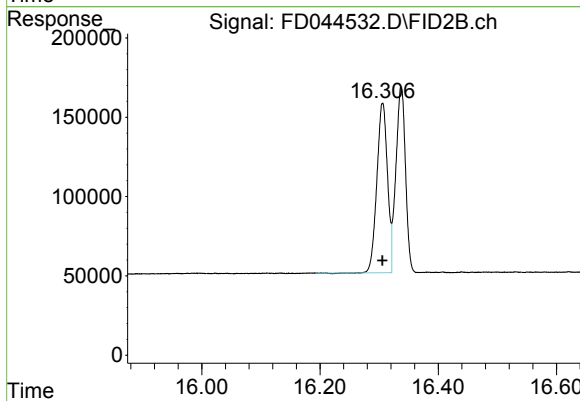
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.765 min
Delta R.T.: 0.000 min
Response: 1312874
Conc: 10.48 ug/ml



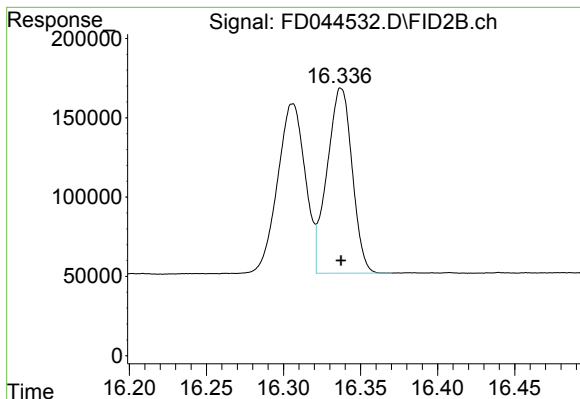
#15 Chrysene (C27.41)

R.T.: 14.807 min
Delta R.T.: 0.000 min
Response: 1367657
Conc: 10.49 ug/ml



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

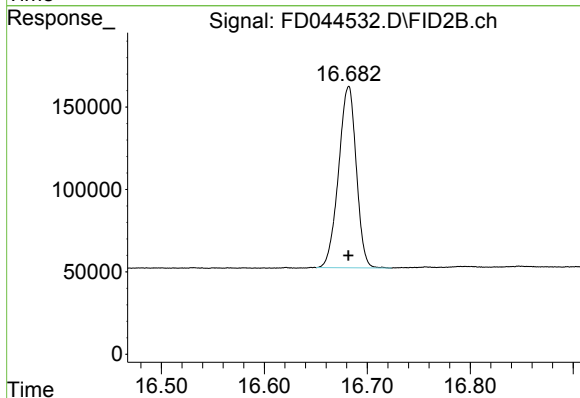
R.T.: 16.306 min
Delta R.T.: 0.000 min
Response: 1329250
Conc: 10.43 ug/ml



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

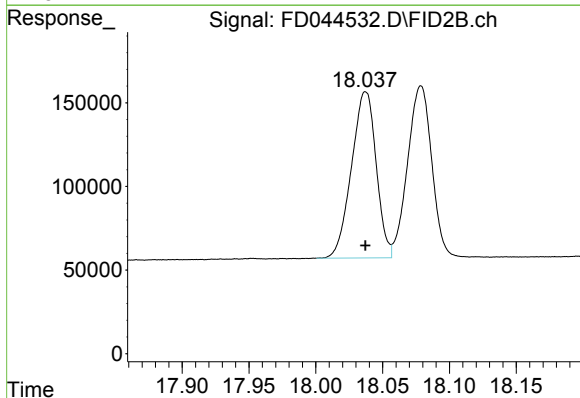
R.T.: 16.337 min
Delta R.T.: 0.000 min
Response: 1321297
Conc: 10.49 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



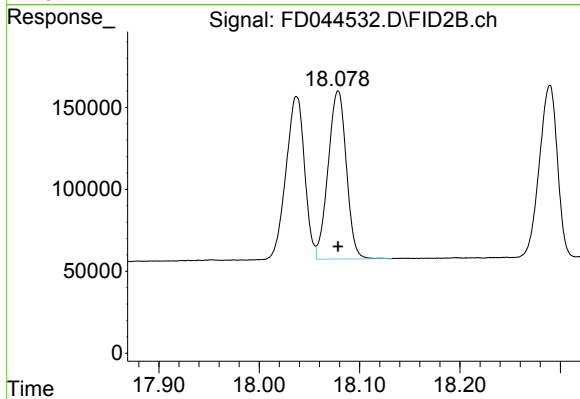
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.682 min
Delta R.T.: 0.000 min
Response: 1314935
Conc: 10.50 ug/ml



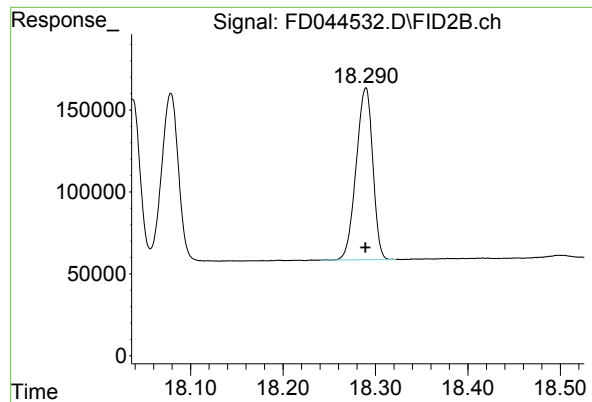
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.037 min
Delta R.T.: 0.000 min
Response: 1277352
Conc: 10.30 ug/ml



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

R.T.: 18.078 min
Delta R.T.: 0.000 min
Response: 1294821
Conc: 10.71 ug/ml



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

R.T.: 18.289 min
Delta R.T.: 0.000 min
Response: 1306188
Conc: 10.47 ug/ml

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ClientSampleId :
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