

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AR\
 Data File : FD040301.D
 Signal(s) : FID2B.CH
 Acq On : 30 Dec 2021 15:14
 Operator : AJ\MA
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 30 15:52:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123021.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 30 15:51:59 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	6.814	1471333	11.121 ug/ml
Spiked Amount 50.000		Recovery =	22.24%
6) S 2-Fluorobiphenyl (SURR)	7.664	942166	10.986 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.97%
11) S ortho-Terphenyl (SURR)	10.698	1582364	11.357 ug/ml
Spiked Amount 50.000		Recovery =	22.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.668	1699157	11.318 ug/ml
2) T Naphthalene (C11.7)	5.165	1688155	11.117 ug/ml
3) T 2-Methylnaphthalene (...)	6.204	1676806	11.083 ug/ml
5) T Acenaphthylene (C15.06)	7.468	1532954	11.246 ug/ml
7) T Acenaphthene (C15.5)	7.762	1636065	11.249 ug/ml
8) T Fluorene (C16.55)	8.538	1534964	11.042 ug/ml
9) T Phenanthrene (C19.36)	9.925	1510801	11.128 ug/ml
10) T Anthracene (C19.43)	9.999	1398113	10.996 ug/ml
12) T Fluoranthene (C21.85)	11.727	1507970	11.248 ug/ml
13) T Pyrene (C20.8)	12.020	1465290	11.244 ug/ml
14) T Benzo[a]anthracene (C...	13.886	1294129	10.928 ug/ml
15) T Chrysene (C27.41)	13.928	1384977	10.905 ug/ml
16) T benzo[b]fluoranthene ...	15.429	1388908	11.155 ug/ml
17) T Bnezo[k]fluoranthene ...	15.460	1393954	11.104 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.804	1340852	11.009 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.162	1272501	10.837 ug/ml
20) T Dibenz[a,h]anthracene...	17.205	1250548	10.821 ug/ml
21) T Benzo[g,h,i]perylene ...	17.414	1363737	11.025 ug/ml

(f)=RT Delta > 1/2 Window

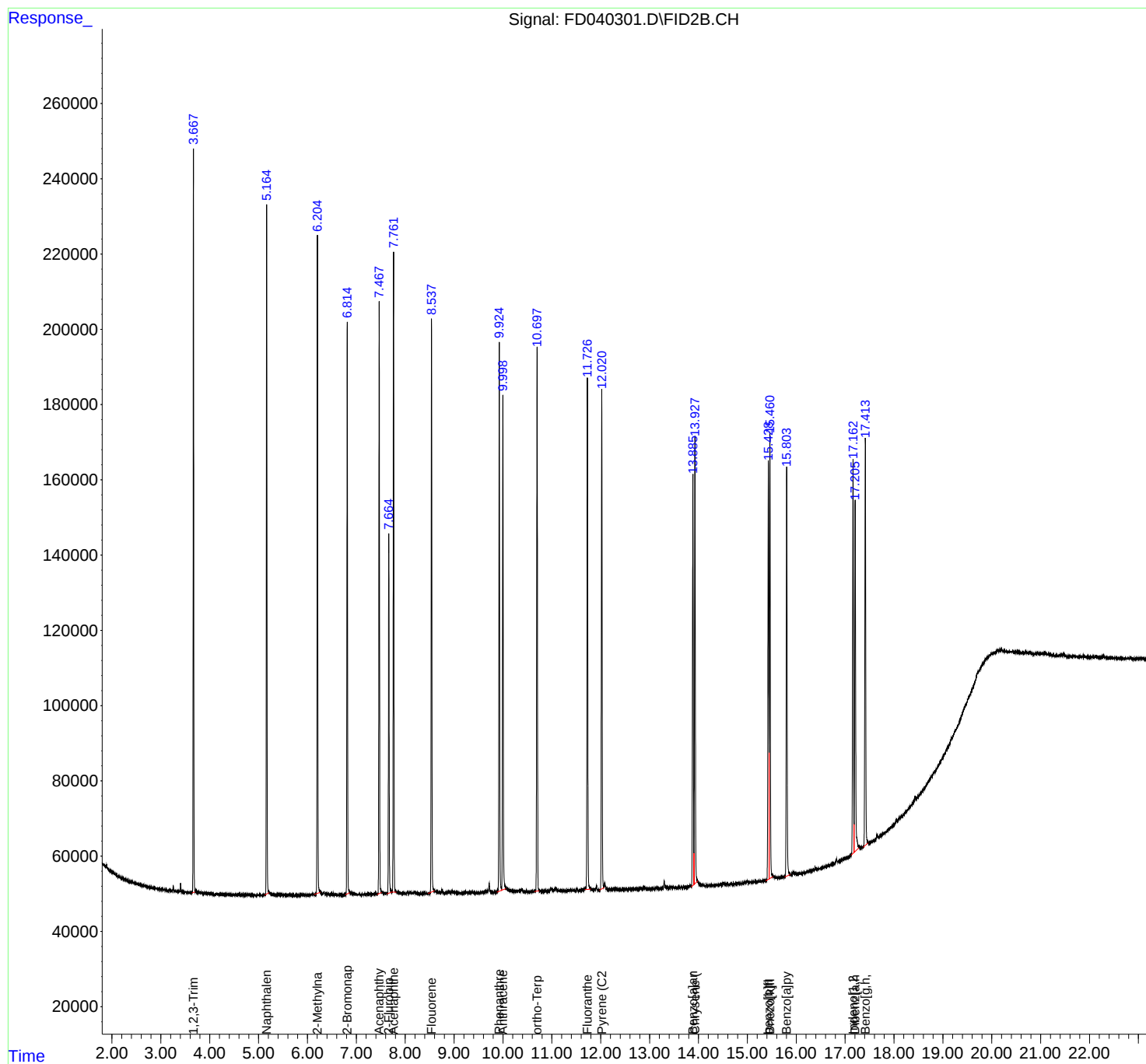
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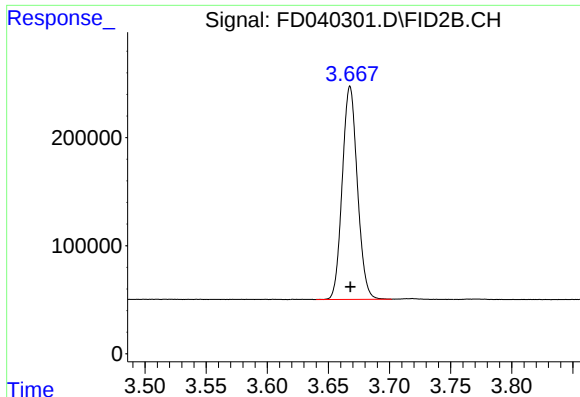
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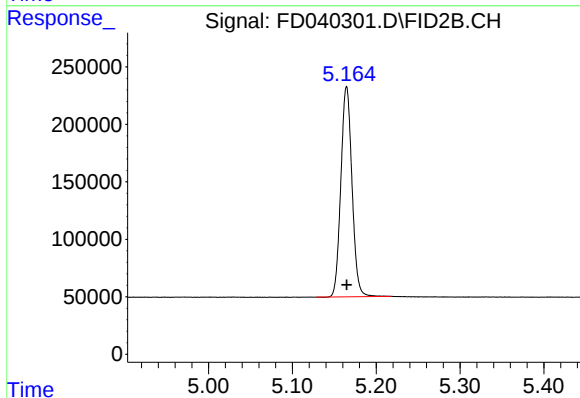




#1 1,2,3-Trimethylbenzene (C10.1)

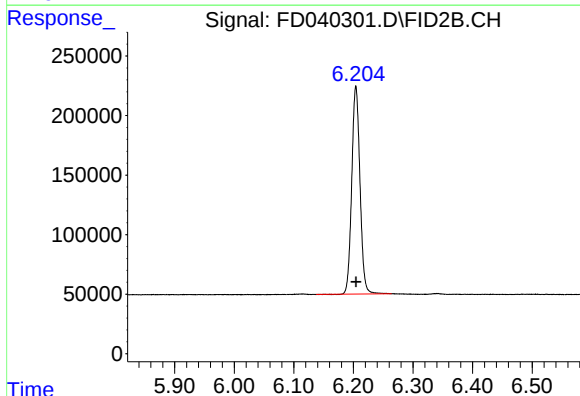
R.T.: 3.668 min
Delta R.T.: 0.000 min
Response: 1699157
Conc: 11.32 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



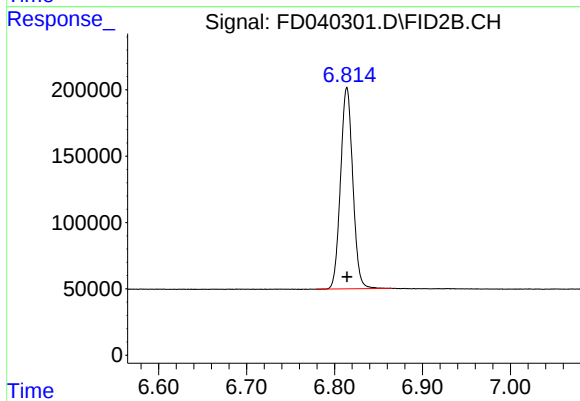
#2 Naphthalene (C11.7)

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 1688155
Conc: 11.12 ug/ml



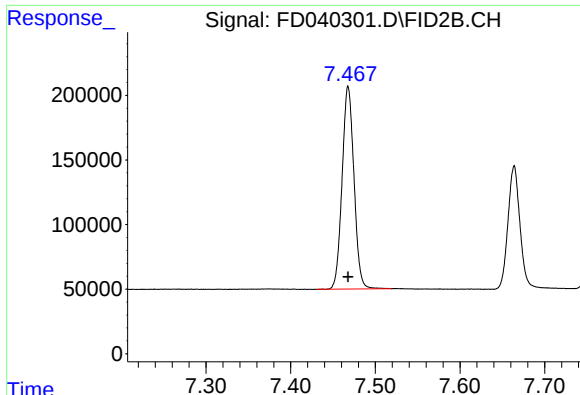
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 1676806
Conc: 11.08 ug/ml



#4 2-Bromonaphthalene (SURR)

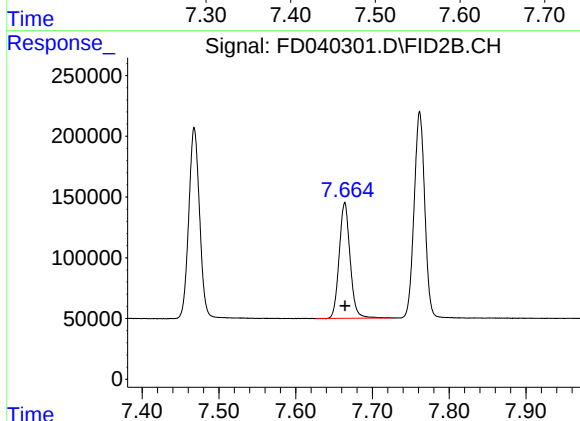
R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 1471333
Conc: 11.12 ug/ml



#5 Acenaphthylene (C15.06)

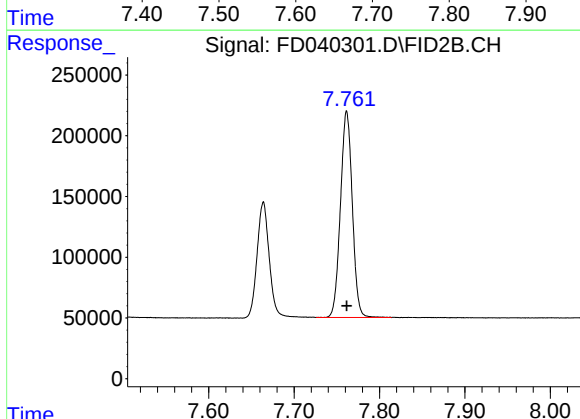
R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 1532954
Conc: 11.25 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



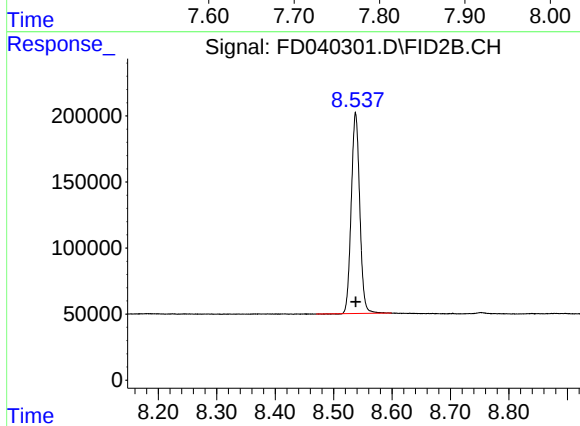
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.664 min
Delta R.T.: 0.000 min
Response: 942166
Conc: 10.99 ug/ml



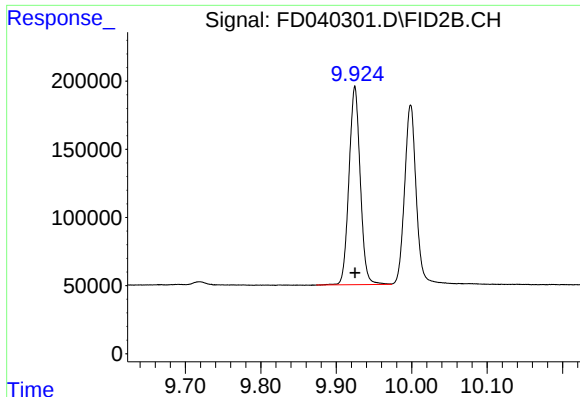
#7 Acenaphthene (C15.5)

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 1636065
Conc: 11.25 ug/ml



#8 Fluorene (C16.55)

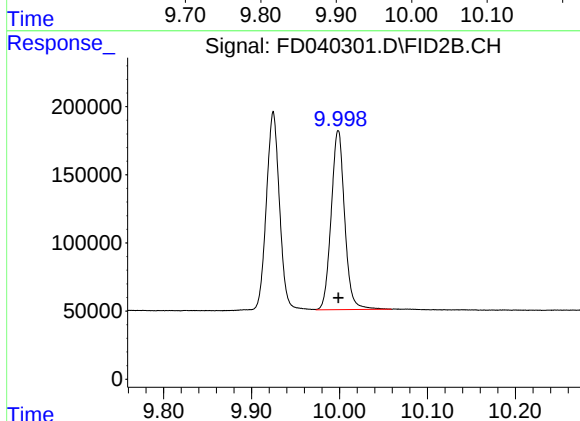
R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 1534964
Conc: 11.04 ug/ml



#9 Phenanthrene (C19.36)

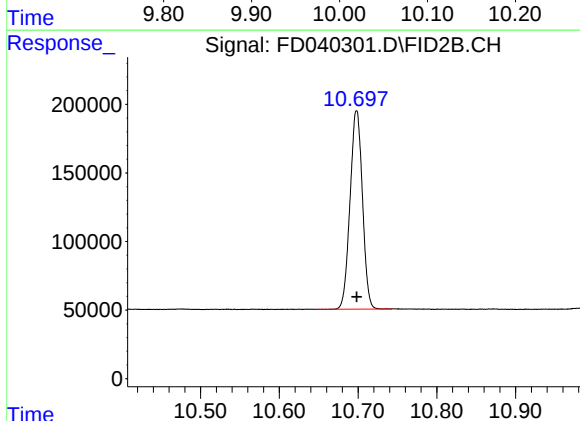
R.T.: 9.925 min
Delta R.T.: 0.000 min
Response: 1510801
Conc: 11.13 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



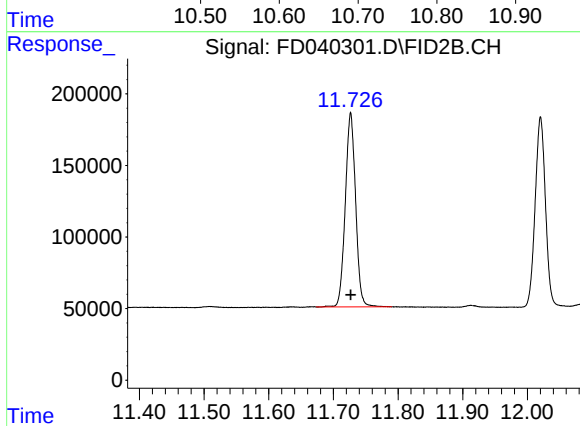
#10 Anthracene (C19.43)

R.T.: 9.999 min
Delta R.T.: 0.000 min
Response: 1398113
Conc: 11.00 ug/ml



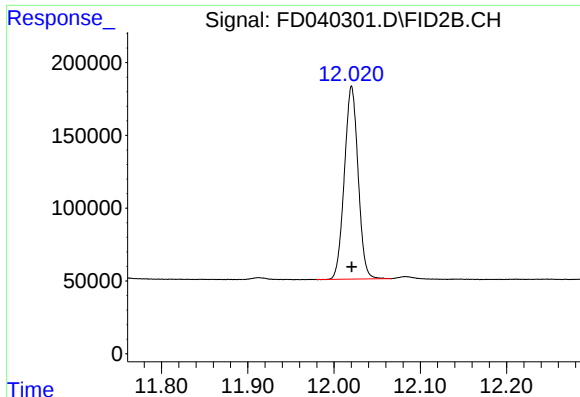
#11 ortho-Terphenyl (SURR)

R.T.: 10.698 min
Delta R.T.: 0.000 min
Response: 1582364
Conc: 11.36 ug/ml



#12 Fluoranthene (C21.85)

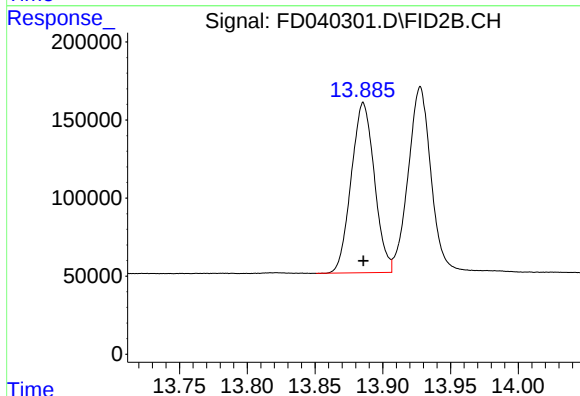
R.T.: 11.727 min
Delta R.T.: 0.000 min
Response: 1507970
Conc: 11.25 ug/ml



#13 Pyrene (C20.8)

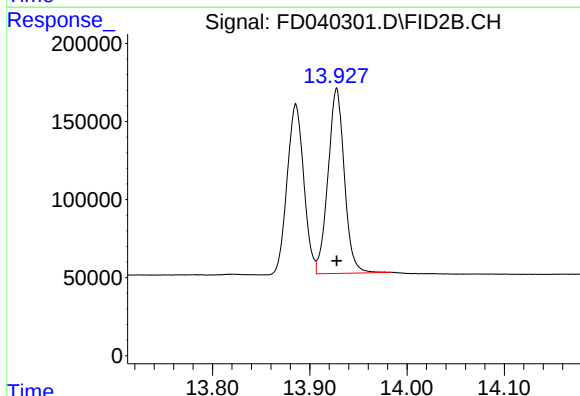
R.T.: 12.020 min
Delta R.T.: 0.000 min
Response: 1465290
Conc: 11.24 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



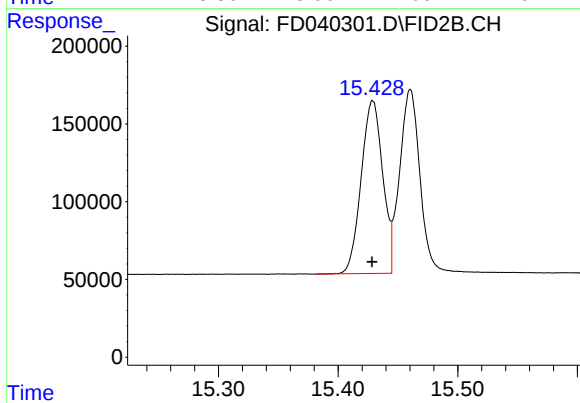
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.886 min
Delta R.T.: 0.000 min
Response: 1294129
Conc: 10.93 ug/ml



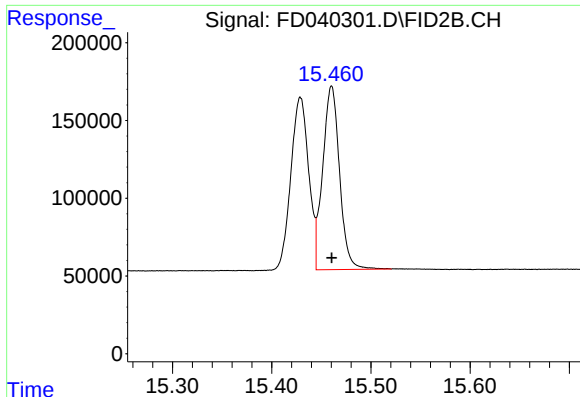
#15 Chrysene (C27.41)

R.T.: 13.928 min
Delta R.T.: 0.000 min
Response: 1384977
Conc: 10.90 ug/ml



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

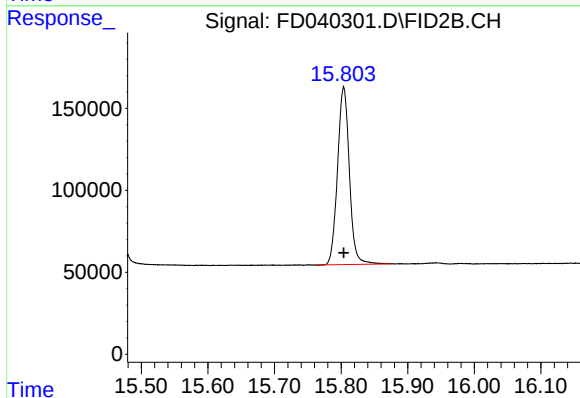
R.T.: 15.429 min
Delta R.T.: 0.000 min
Response: 1388908
Conc: 11.16 ug/ml



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

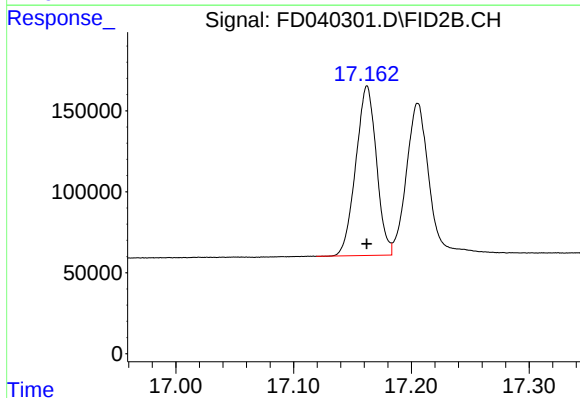
R.T.: 15.460 min
Delta R.T.: 0.000 min
Response: 1393954
Conc: 11.10 ug/ml

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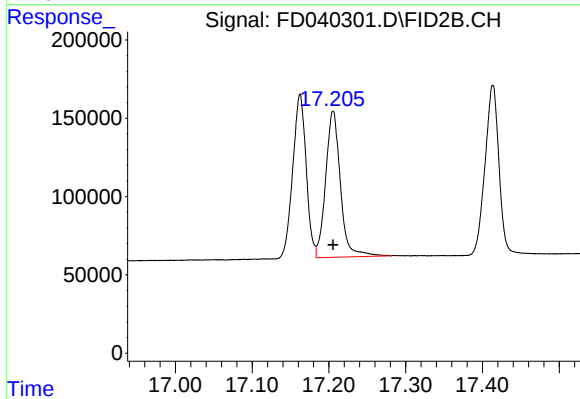
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.804 min
Delta R.T.: 0.000 min
Response: 1340852
Conc: 11.01 ug/ml



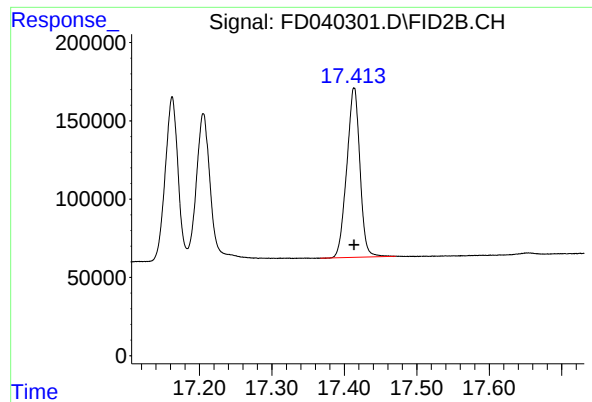
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.162 min
Delta R.T.: 0.000 min
Response: 1272501
Conc: 10.84 ug/ml



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

R.T.: 17.205 min
Delta R.T.: 0.000 min
Response: 1250548
Conc: 10.82 ug/ml



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

R.T.: 17.414 min
Delta R.T.: 0.000 min
Response: 1363737
Conc: 11.03 ug/ml

Instrument :
FID_D
ClientSampleId :
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