

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122118AR\
 Data File : FD027024.D
 Signal(s) : FID2B.CH
 Acq On : 22 Dec 2018 6:02
 Operator : AJ\SJ
 Sample : J6501-01MSD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 VNJ-221MSD

Integration File: autoint1.e
 Quant Time: Dec 23 22:30:11 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120718.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 08 06:21:56 2018
 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...	7.377	4149501	50.385 ug/ml
Spiked Amount 50.000		Recovery =	100.77%
6) S 2-Fluorobiphenyl (SURR)	8.229	2815354	49.826 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.65%
11) S ortho-Terphenyl (SURR)	11.274	3387035	35.738 ug/ml
Spiked Amount 50.000		Recovery =	71.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.178	2667835	30.217 ug/ml
2) T Naphthalene (C11.7)	5.710	3171335	33.317 ug/ml
3) T 2-Methylnaphthalene (...)	6.762	3359209	35.713 ug/ml
5) T Acenaphthylene (C15.06)	8.031	3441433	37.728 ug/ml
7) T Acenaphthene (C15.5)	8.327	3588671	37.567 ug/ml
8) T Fluorene (C16.55)	9.107	3647663	38.445 ug/ml
9) T Phenanthrene (C19.36)	10.499	4113469	43.195 ug/ml
10) T Anthracene (C19.43)	10.572	3852618	40.777 ug/ml
12) T Fluoranthene (C21.85)	12.306	4953842	51.366 ug/ml
13) T Pyrene (C20.8)	12.600	4294291	44.419 ug/ml
14) T Benzo[a]anthracene (C...	14.472	4151614	44.069 ug/ml
15) T Chrysene (C27.41)	14.515	4206172	44.471 ug/ml
16) T benzo[b]fluoranthene ...	16.020	4319122	43.376 ug/ml
17) T Bnezo[k]fluoranthene ...	16.020	4319122	43.596 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.397	4051107	40.433 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.760	3964098	37.305 ug/ml
20) T Dibenz[a,h]anthracene...	17.760	3964098	39.308 ug/ml
21) T Benzo[g,h,i]perylene ...	18.015	4038919	38.456 ug/ml

(f)=RT Delta > 1/2 Window

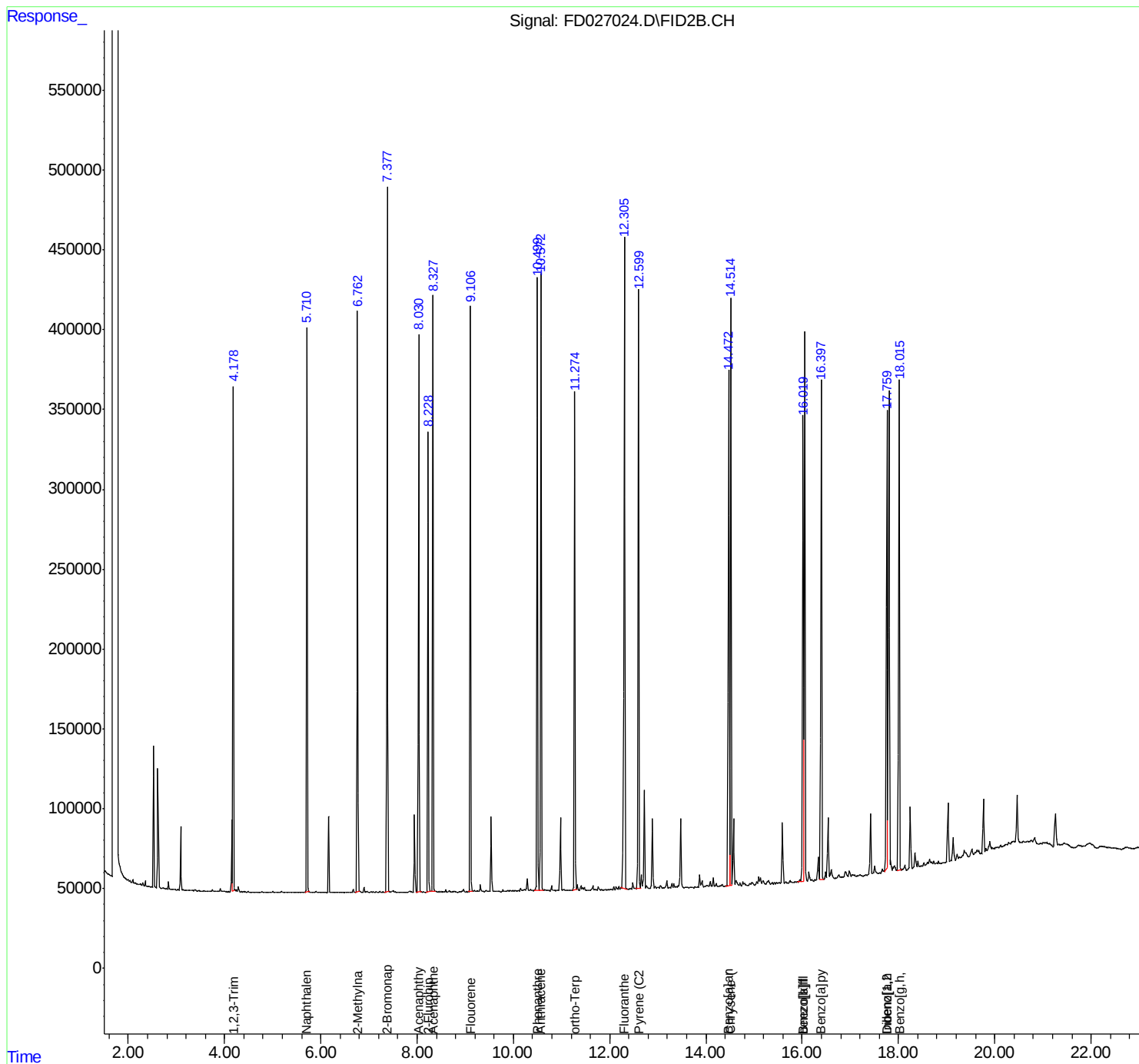
(m)=manual int.

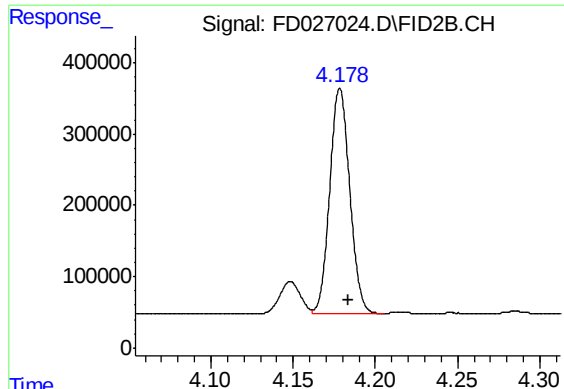
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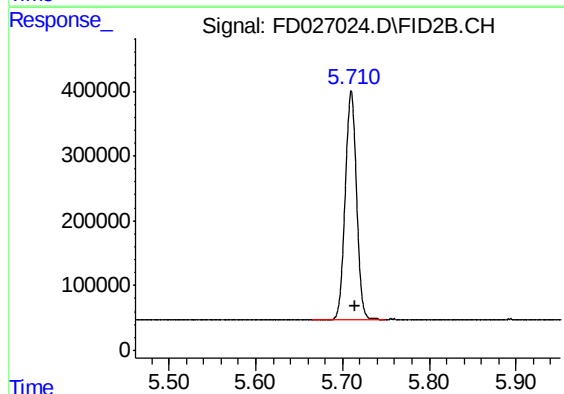




#1 1,2,3-Trimethylbenzene (C10.1)

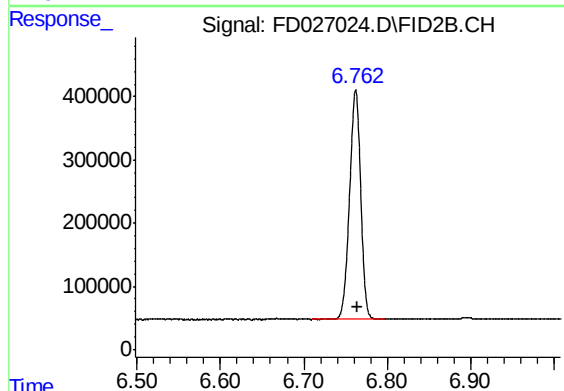
R.T.: 4.178 min
Delta R.T.: -0.006 min
Response: 2667835
Conc: 30.22 ug/ml

Instrument :
FID_D
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VNJ-221MSD



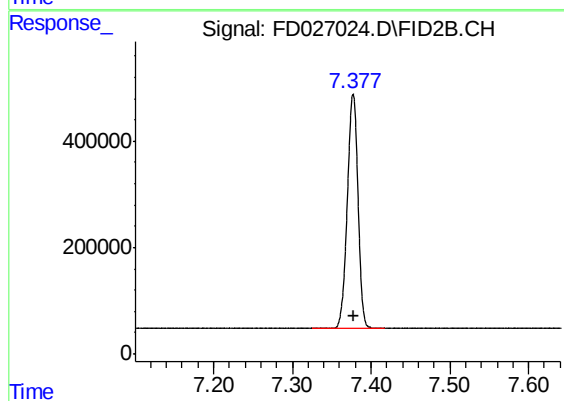
#2 Naphthalene (C11.7)

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 3171335
Conc: 33.32 ug/ml



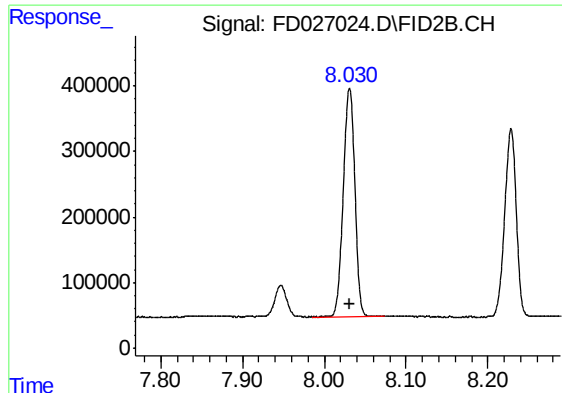
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 3359209
Conc: 35.71 ug/ml



#4 2-Bromonaphthalene (SURR)

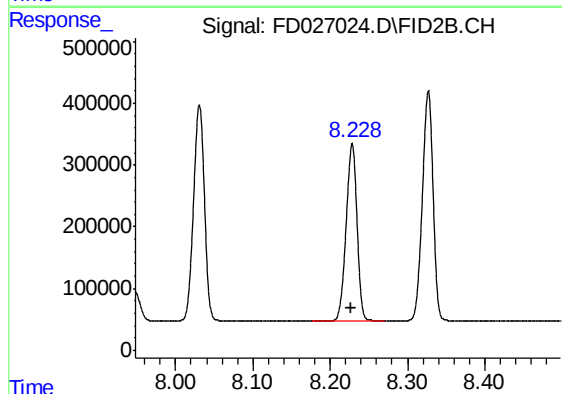
R.T.: 7.377 min
Delta R.T.: -0.001 min
Response: 4149501
Conc: 50.38 ug/ml



#5 Acenaphthylene (C15.06)

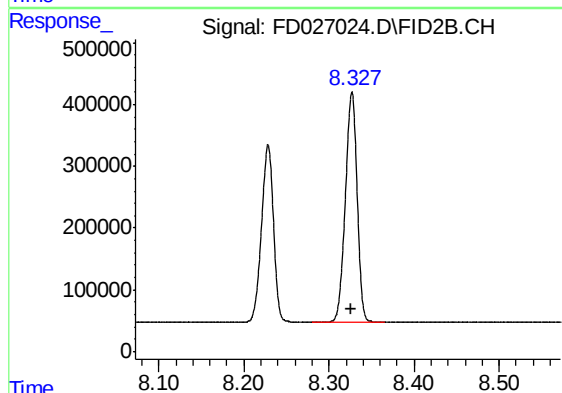
R.T.: 8.031 min
Delta R.T.: 0.000 min
Response: 3441433
Conc: 37.73 ug/ml

Instrument :
FID_D
ClientSampleId :
VNJ-221MSD



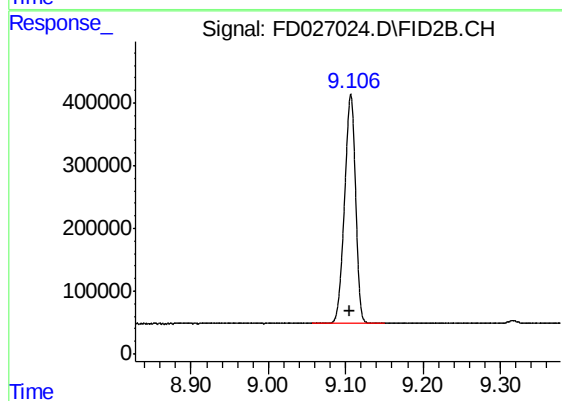
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 2815354
Conc: 49.83 ug/ml



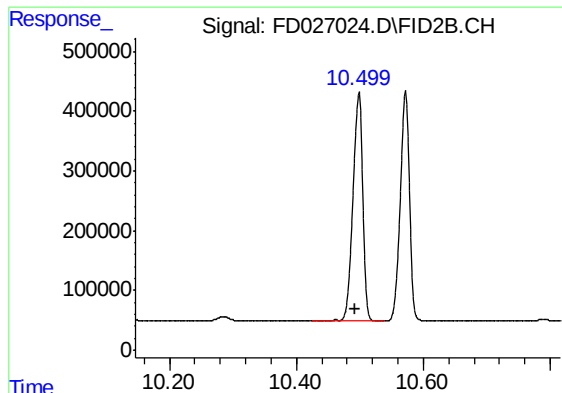
#7 Acenaphthene (C15.5)

R.T.: 8.327 min
Delta R.T.: 0.001 min
Response: 3588671
Conc: 37.57 ug/ml



#8 Flouorene (C16.55)

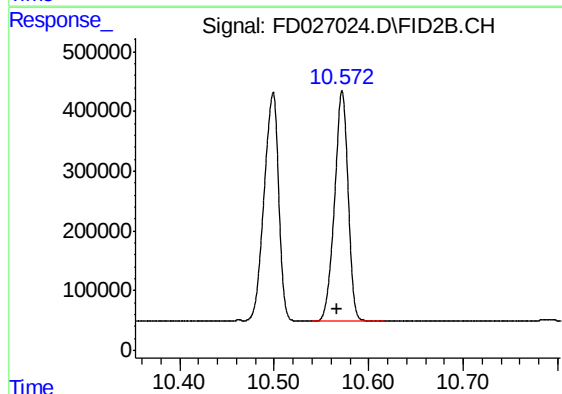
R.T.: 9.107 min
Delta R.T.: 0.002 min
Response: 3647663
Conc: 38.45 ug/ml



#9 Phenanthrene (C19.36)

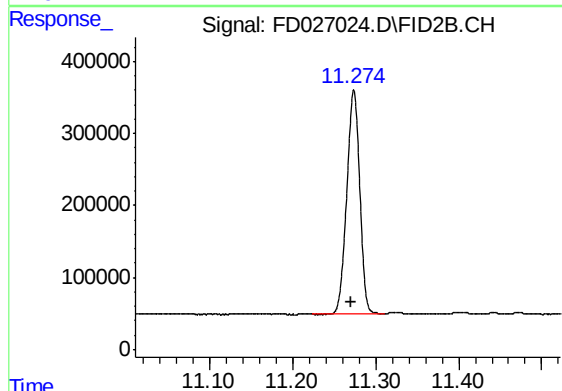
R.T.: 10.499 min
Delta R.T.: 0.006 min
Response: 4113469
Conc: 43.19 ug/ml

Instrument :
FID_D
ClientSampleId :
VNJ-221MSD



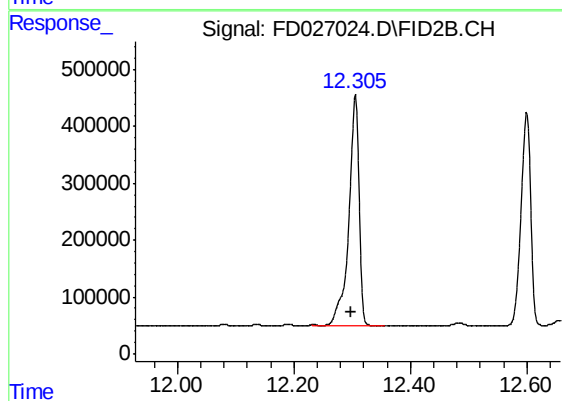
#10 Anthracene (C19.43)

R.T.: 10.572 min
Delta R.T.: 0.005 min
Response: 3852618
Conc: 40.78 ug/ml



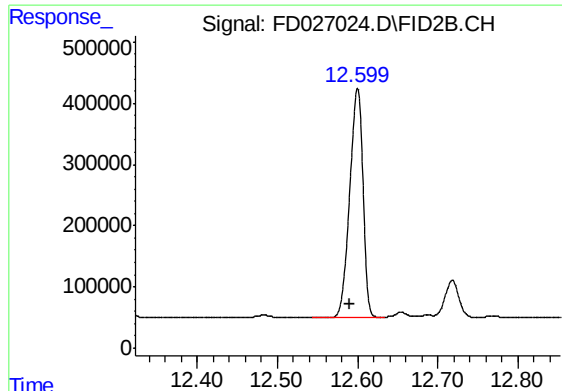
#11 ortho-Terphenyl (SURR)

R.T.: 11.274 min
Delta R.T.: 0.003 min
Response: 3387035
Conc: 35.74 ug/ml



#12 Fluoranthene (C21.85)

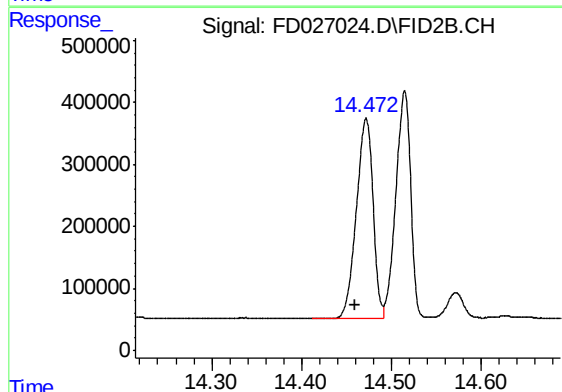
R.T.: 12.306 min
Delta R.T.: 0.008 min
Response: 4953842
Conc: 51.37 ug/ml



#13 Pyrene (C20.8)

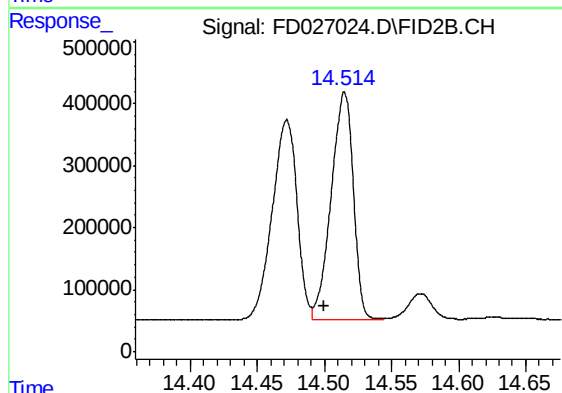
R.T.: 12.600 min
Delta R.T.: 0.009 min
Response: 4294291
Conc: 44.42 ug/ml

Instrument :
FID_D
ClientSampleId :
VNJ-221MSD



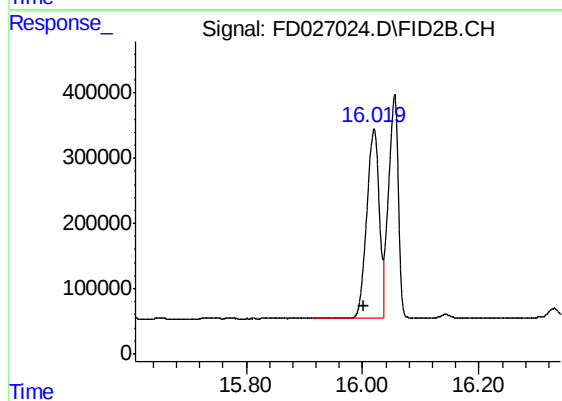
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.472 min
Delta R.T.: 0.013 min
Response: 4151614
Conc: 44.07 ug/ml



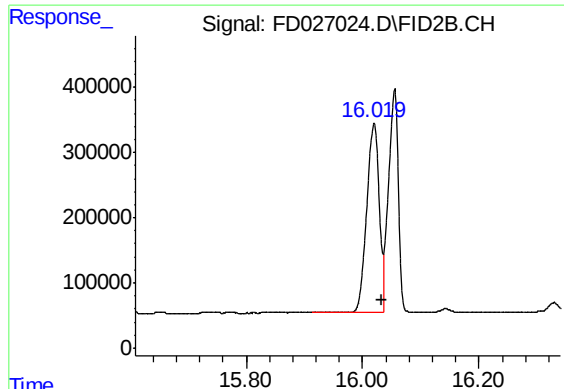
#15 Chrysene (C27.41)

R.T.: 14.515 min
Delta R.T.: 0.015 min
Response: 4206172
Conc: 44.47 ug/ml



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

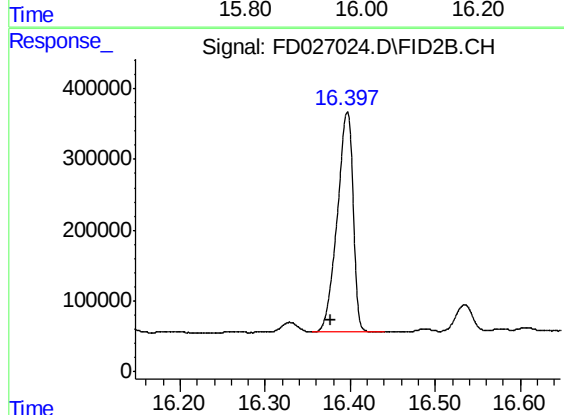
R.T.: 16.020 min
Delta R.T.: 0.017 min
Response: 4319122
Conc: 43.38 ug/ml



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

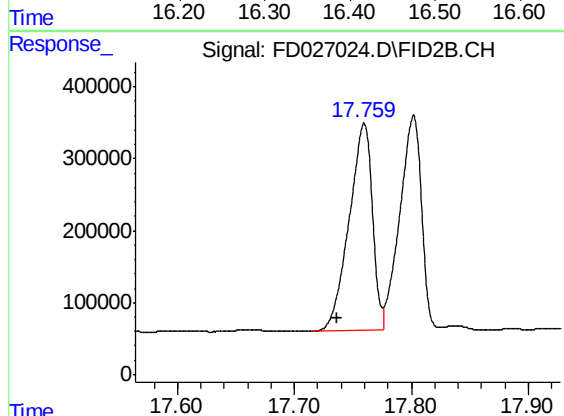
R.T.: 16.020 min
Delta R.T.: -0.014 min
Response: 4319122
Conc: 43.60 ug/ml

Instrument :
FID_D
ClientSampleId :
VNJ-221MSD



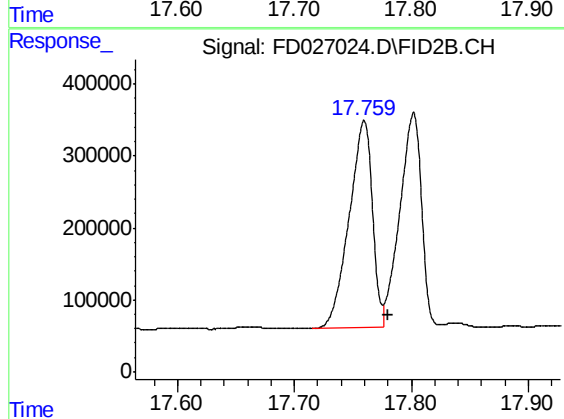
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.397 min
Delta R.T.: 0.019 min
Response: 4051107
Conc: 40.43 ug/ml



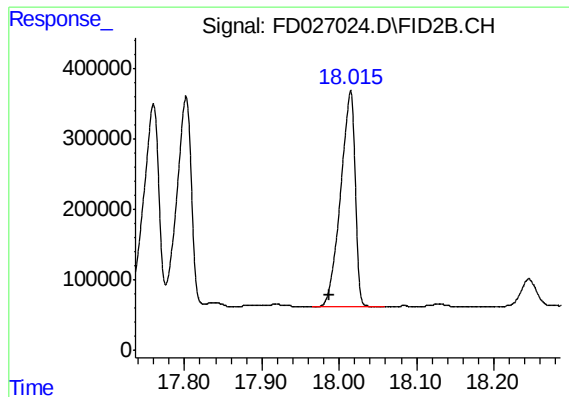
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.760 min
Delta R.T.: 0.024 min
Response: 3964098
Conc: 37.30 ug/ml



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

R.T.: 17.760 min
Delta R.T.: -0.020 min
Response: 3964098
Conc: 39.31 ug/ml



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

R.T.: 18.015 min
Delta R.T.: 0.028 min
Response: 4038919
Conc: 38.46 ug/ml

Instrument :
FID_D
ClientSampleId :
VNJ-221MSD