

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102220AR\
 Data File : FD035134.D
 Signal(s) : FID2B.CH
 Acq On : 23 Oct 2020 6:31
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 23 07:05:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 05:14:47 2020
 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...	7.648	2360570	20.479 ug/ml
Spiked Amount 50.000		Recovery =	40.96%
6) S 2-Fluorobiphenyl (SURR)	8.513	1640663	20.752 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.50%
11) S ortho-Terphenyl (SURR)	11.551	2680551	20.336 ug/ml
Spiked Amount 50.000		Recovery =	40.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.445	2664973	20.491 ug/ml
2) T Naphthalene (C11.7)	5.986	2793474	20.541 ug/ml
3) T 2-Methylnaphthalene (...)	7.038	2792638	20.491 ug/ml
5) T Acenaphthylene (C15.06)	8.314	2718688	20.443 ug/ml
7) T Acenaphthene (C15.5)	8.609	2776414	20.524 ug/ml
8) T Flouorene (C16.55)	9.391	2670622	20.585 ug/ml
9) T Phenanthrene (C19.36)	10.788	2607922	20.577 ug/ml
10) T Anthracene (C19.43)	10.863	2631939	20.593 ug/ml
12) T Fluoranthene (C21.85)	12.599	2560641	20.555 ug/ml
13) T Pyrene (C20.8)	12.897	2449632	20.043 ug/ml
14) T Benzo[a]anthracene (C...	14.768	2185763	20.698 ug/ml
15) T Chrysene (C27.41)	14.810	2368676	20.242 ug/ml
16) T benzo[b]fluoranthene ...	16.318	2101027	20.631 ug/ml
17) T Bnezo[k]fluoranthene ...	16.350	2144309	20.447 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.697	1949546	20.584 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.061	1804157	20.255 ug/ml
20) T Dibenz[a,h]anthracene...	18.099	2093193	20.645 ug/ml
21) T Benzo[g,h,i]perylene ...	18.314	1953895	20.448 ug/ml

(f)=RT Delta > 1/2 Window

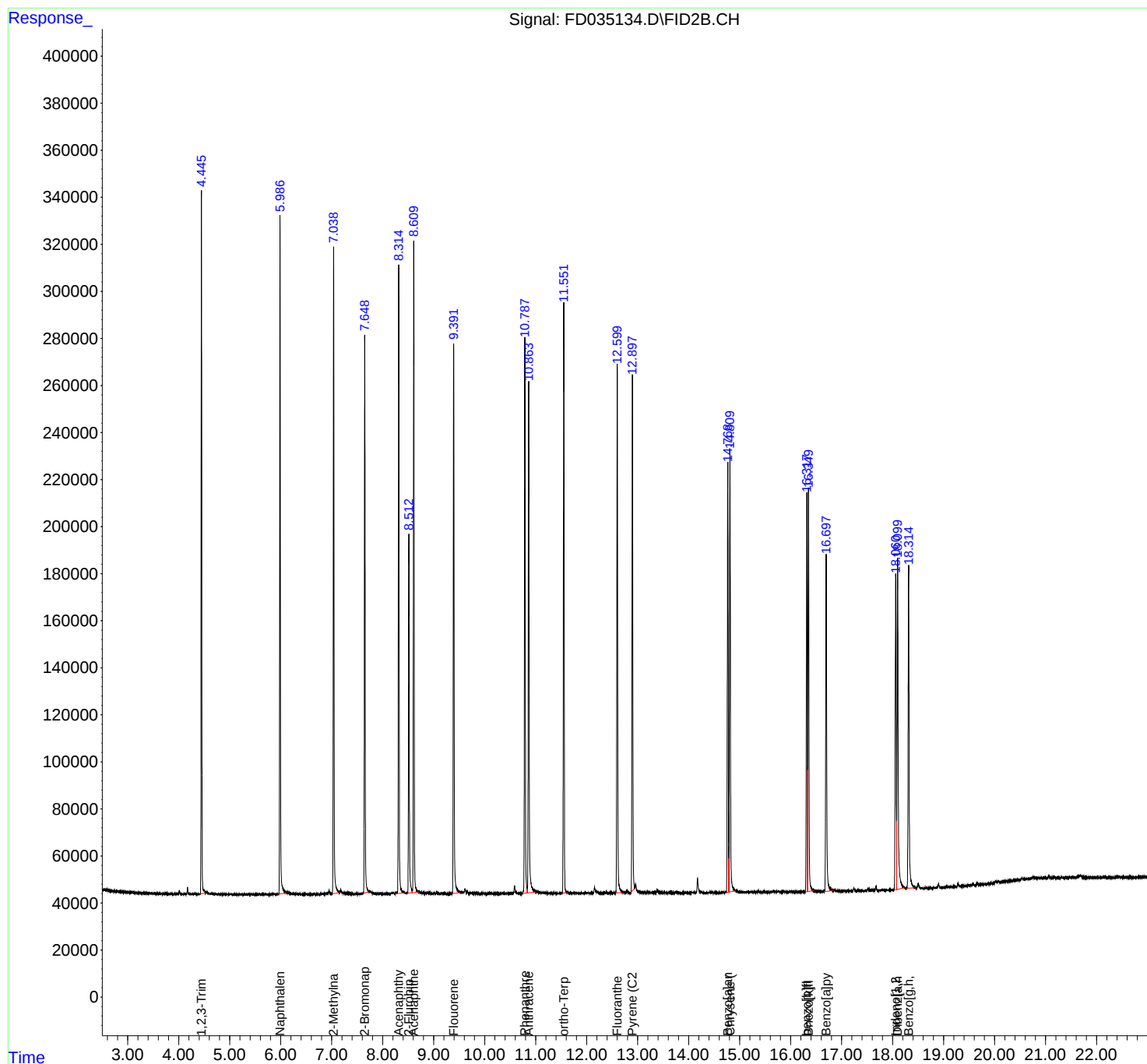
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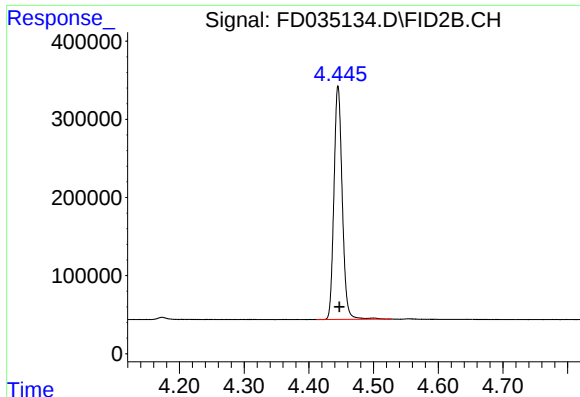
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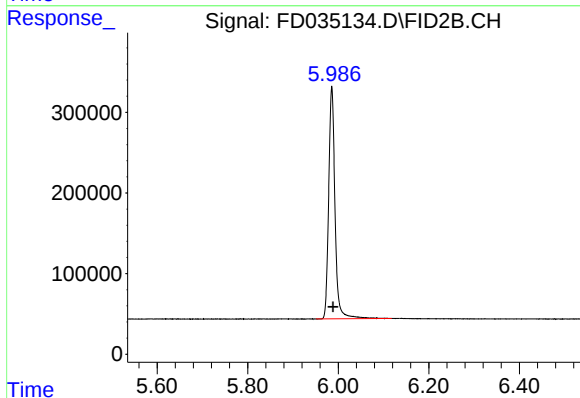




#1 1,2,3-Trimethylbenzene (C10.1)

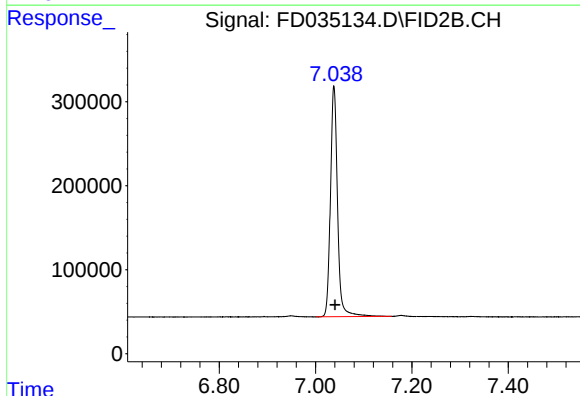
R.T.: 4.445 min
Delta R.T.: -0.002 min
Response: 2664973
Conc: 20.49 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



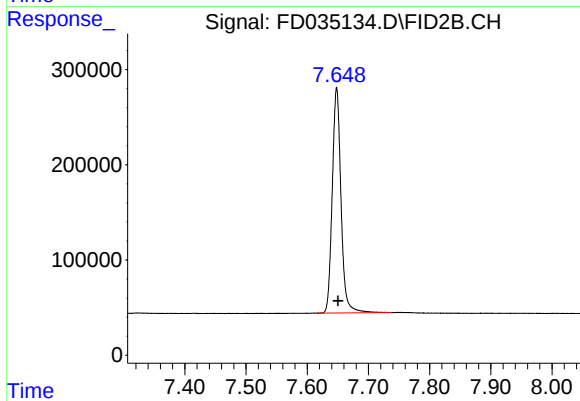
#2 Naphthalene (C11.7)

R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 2793474
Conc: 20.54 ug/ml



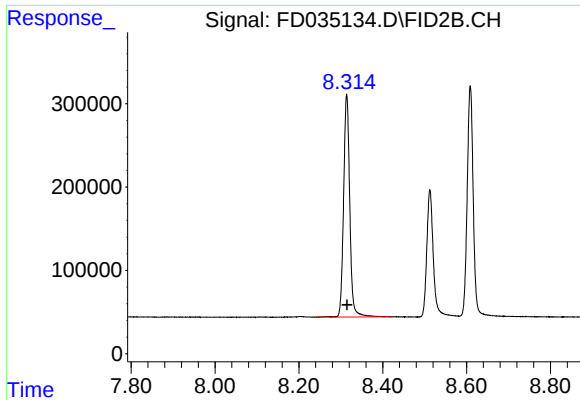
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.038 min
Delta R.T.: -0.002 min
Response: 2792638
Conc: 20.49 ug/ml



#4 2-Bromonaphthalene (SURR)

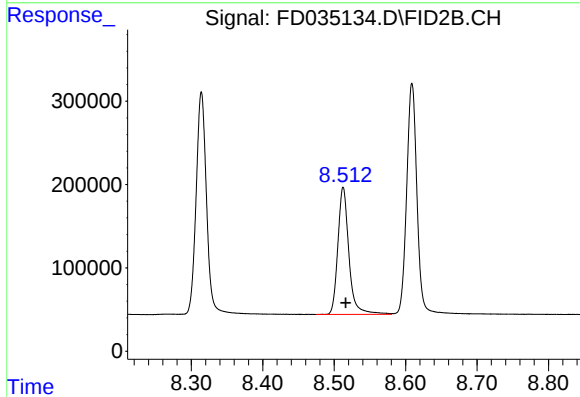
R.T.: 7.648 min
Delta R.T.: -0.002 min
Response: 2360570
Conc: 20.48 ug/ml



#5 Acenaphthylene (C15.06)

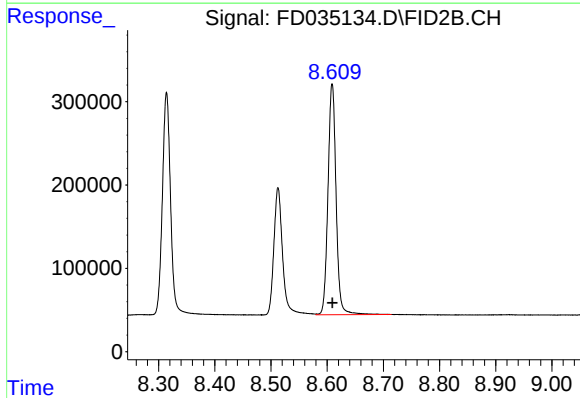
R.T.: 8.314 min
Delta R.T.: 0.000 min
Response: 2718688
Conc: 20.44 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



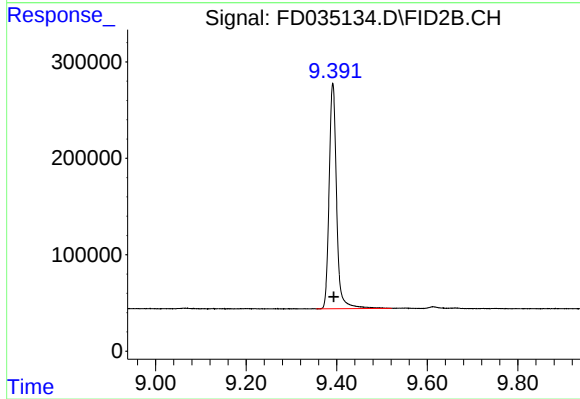
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.513 min
Delta R.T.: -0.004 min
Response: 1640663
Conc: 20.75 ug/ml



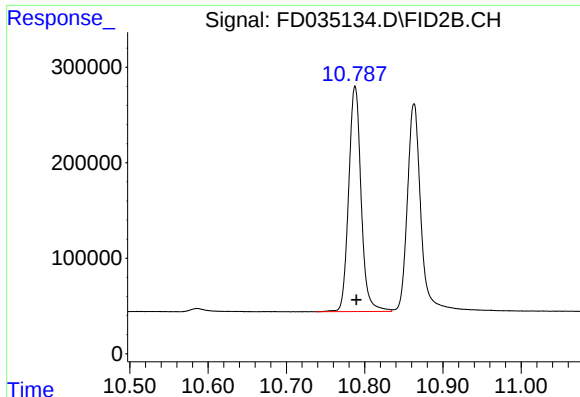
#7 Acenaphthene (C15.5)

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 2776414
Conc: 20.52 ug/ml



#8 Fluorene (C16.55)

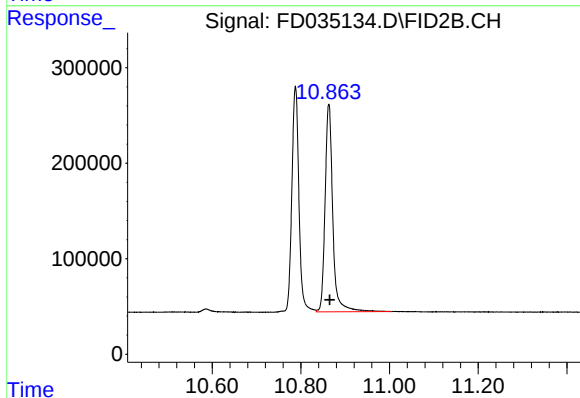
R.T.: 9.391 min
Delta R.T.: -0.002 min
Response: 2670622
Conc: 20.59 ug/ml



#9 Phenanthrene (C19.36)

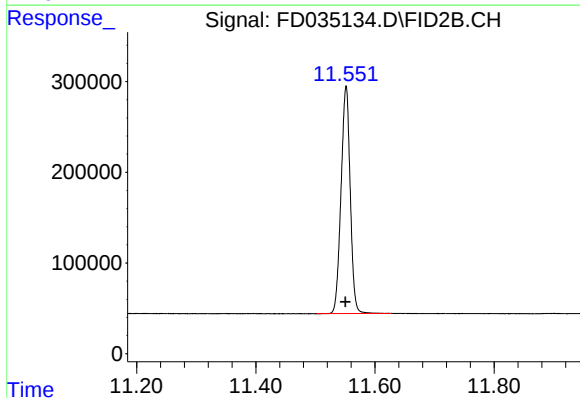
R.T.: 10.788 min
Delta R.T.: -0.002 min
Response: 2607922
Conc: 20.58 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



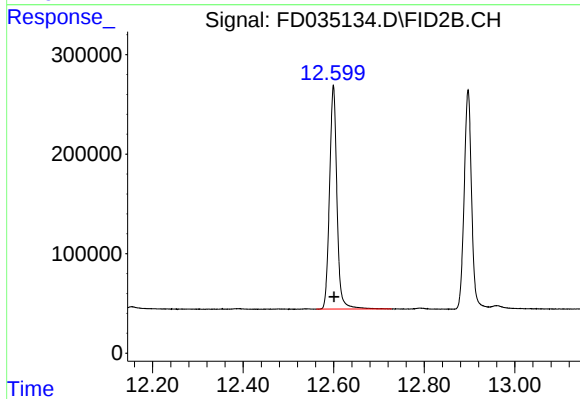
#10 Anthracene (C19.43)

R.T.: 10.863 min
Delta R.T.: -0.002 min
Response: 2631939
Conc: 20.59 ug/ml



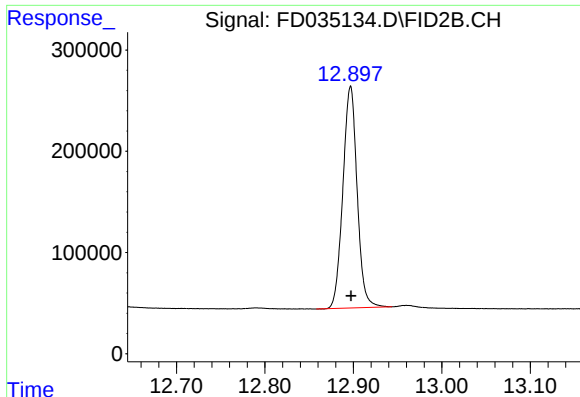
#11 ortho-Terphenyl (SURR)

R.T.: 11.551 min
Delta R.T.: 0.000 min
Response: 2680551
Conc: 20.34 ug/ml



#12 Fluoranthene (C21.85)

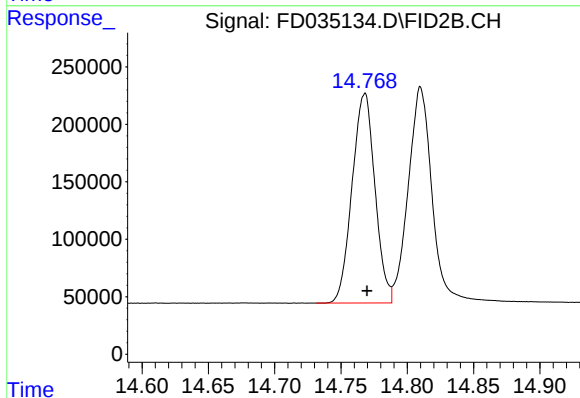
R.T.: 12.599 min
Delta R.T.: -0.001 min
Response: 2560641
Conc: 20.55 ug/ml



#13 Pyrene (C20.8)

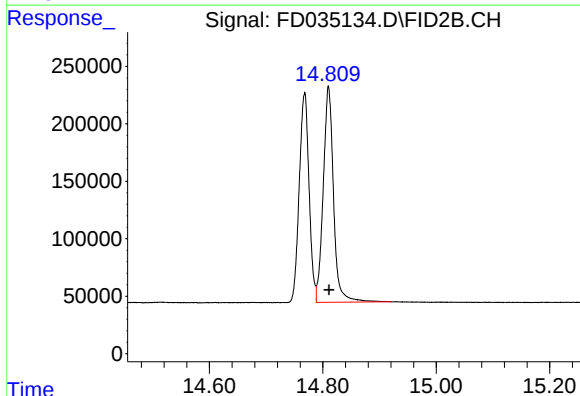
R.T.: 12.897 min
Delta R.T.: 0.000 min
Response: 2449632
Conc: 20.04 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



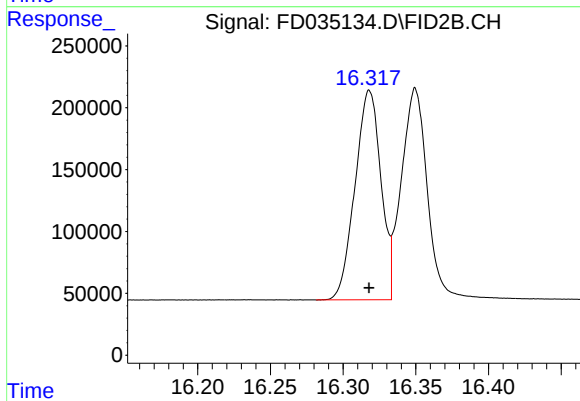
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.768 min
Delta R.T.: -0.002 min
Response: 2185763
Conc: 20.70 ug/ml



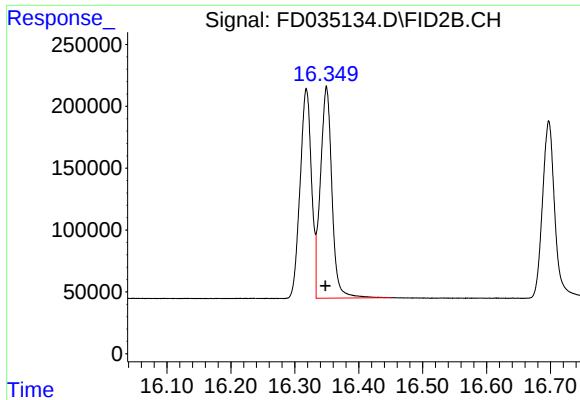
#15 Chrysene (C27.41)

R.T.: 14.810 min
Delta R.T.: 0.000 min
Response: 2368676
Conc: 20.24 ug/ml



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

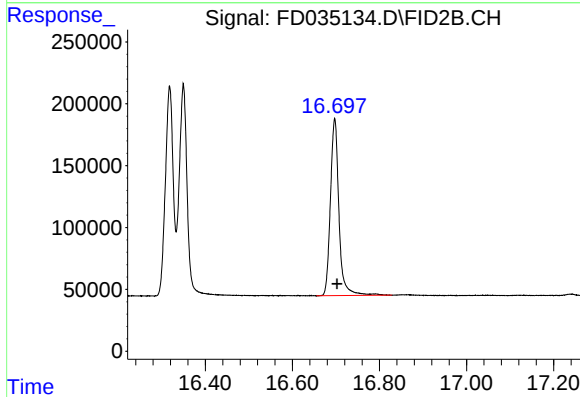
R.T.: 16.318 min
Delta R.T.: 0.000 min
Response: 2101027
Conc: 20.63 ug/ml



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

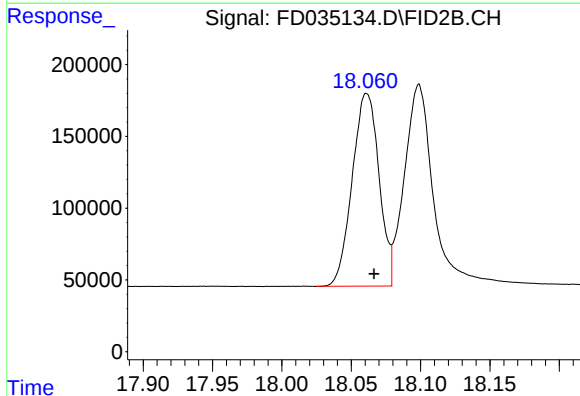
R.T.: 16.350 min
Delta R.T.: 0.001 min
Response: 2144309
Conc: 20.45 ug/ml

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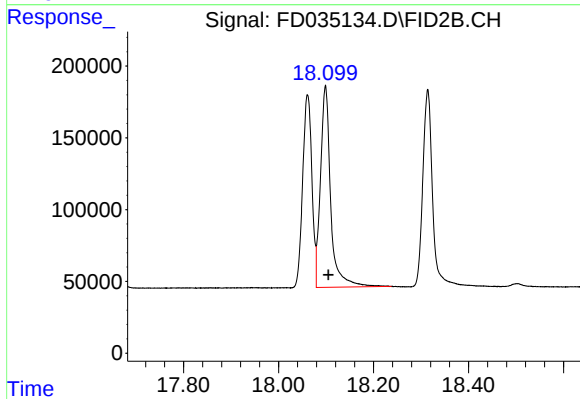
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.697 min
Delta R.T.: -0.006 min
Response: 1949546
Conc: 20.58 ug/ml



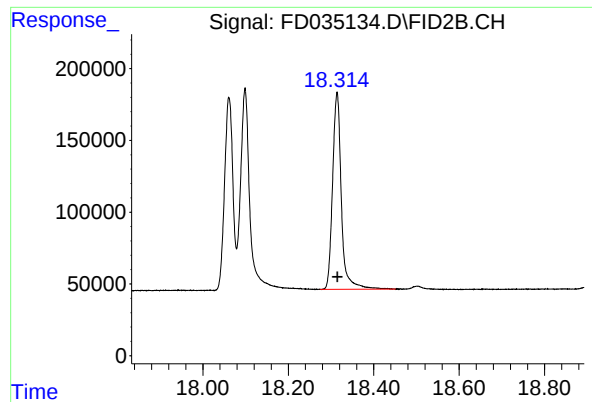
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.061 min
Delta R.T.: -0.005 min
Response: 1804157
Conc: 20.26 ug/ml



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

R.T.: 18.099 min
Delta R.T.: -0.006 min
Response: 2093193
Conc: 20.65 ug/ml



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

R.T.: 18.314 min
Delta R.T.: 0.000 min
Response: 1953895
Conc: 20.45 ug/ml

Instrument :
FID_D
ClientSampleId :
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