

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
 Data File : FF014572.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2024 19:17
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 01 10:18:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 10:18:32 2024
 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...	7.861	2197883	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.733	1283897	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.791	2744297	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.474	2658885	20.000 ug/ml
2) T Naphthalene (C11.7)	6.139	2616038	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.234	2545328	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.530	2592081	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.829	2697658	20.000 ug/ml
8) T Fluorene (C16.55)	9.618	2395435	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.019	2349422	20.000 ug/ml
10) T Anthracene (C19.43)	11.095	2420546	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.836	2484719	20.000 ug/ml
13) T Pyrene (C20.8)	13.133	2520663	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.011	1912884	20.000 ug/ml
15) T Chrysene (C27.41)	15.052	2842257	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.566	2097129	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.597	2683975	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.946	2182711	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.319	1262660	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.366	2383095	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.566	2544363	20.000 ug/ml

(f)=RT Delta > 1/2 Window

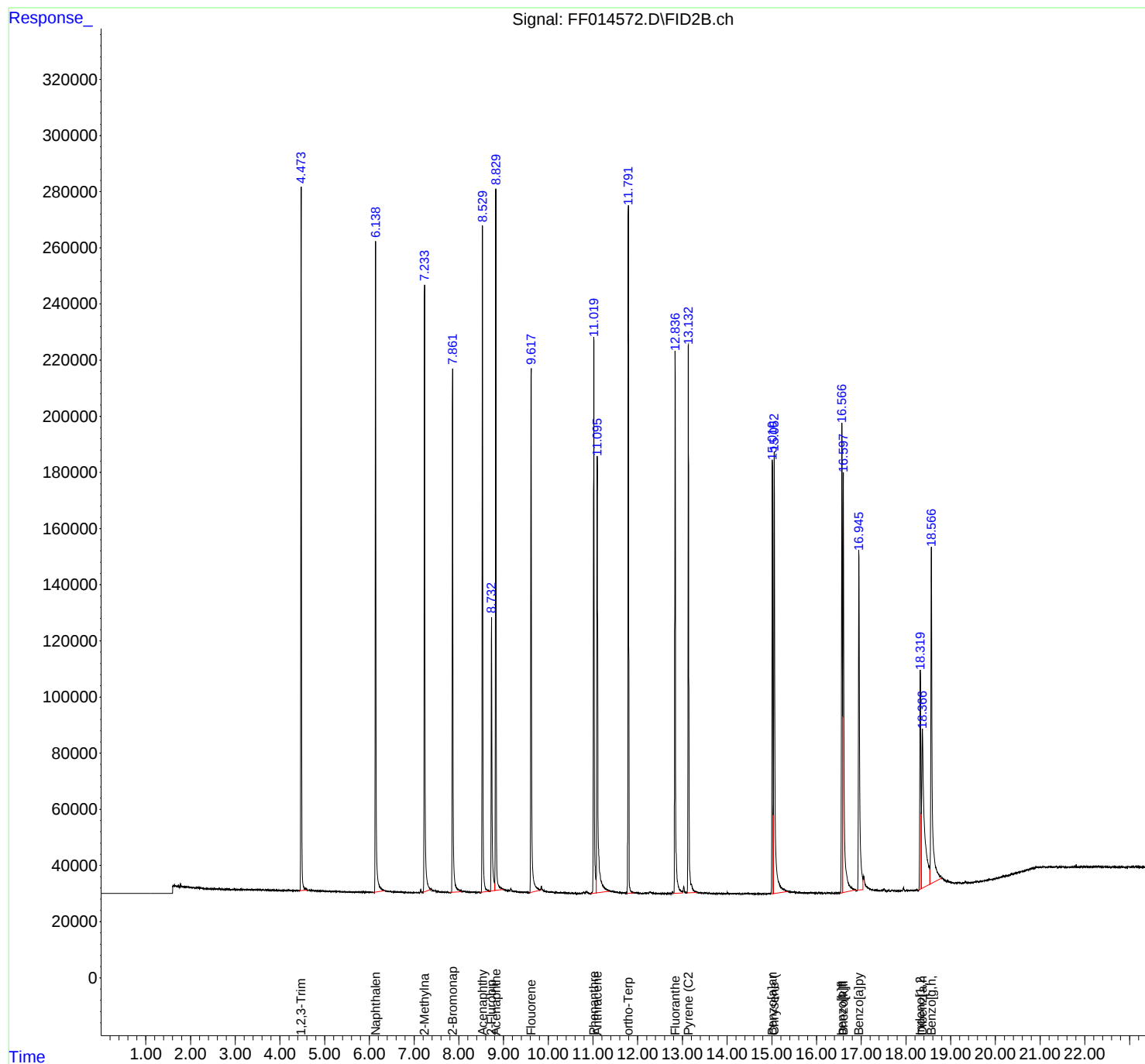
(m)=manual int.

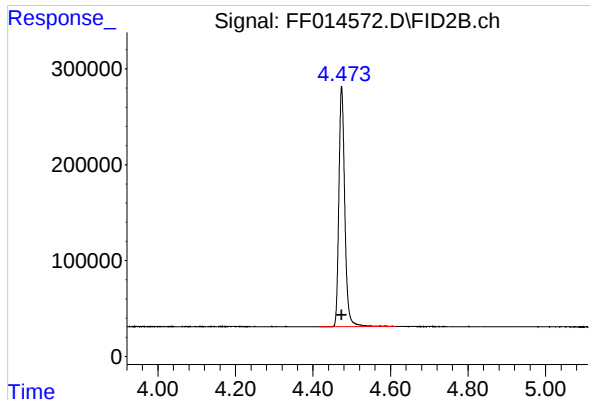
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
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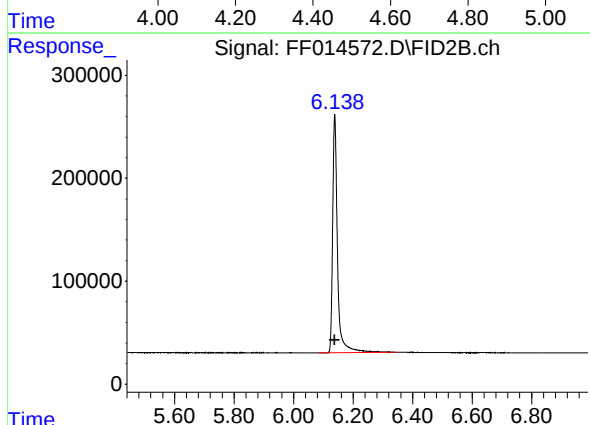




#1 1,2,3-Trimethylbenzene (C10.1)

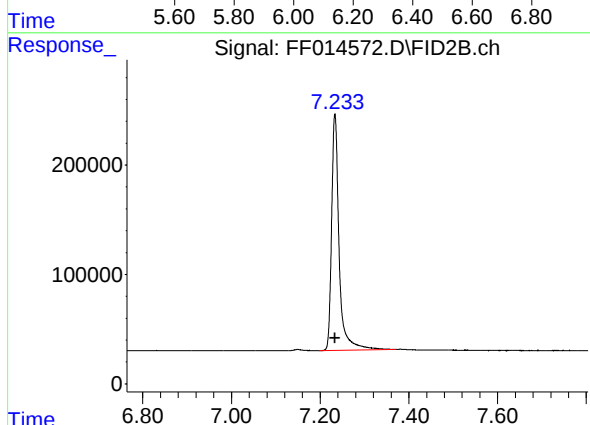
R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 2658885
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



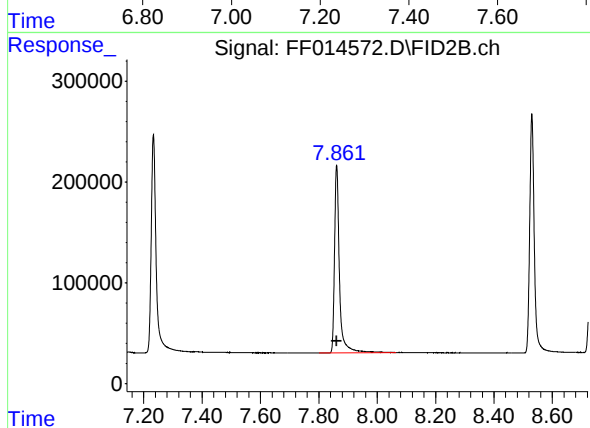
#2 Naphthalene (C11.7)

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 2616038
Conc: 20.00 ug/ml



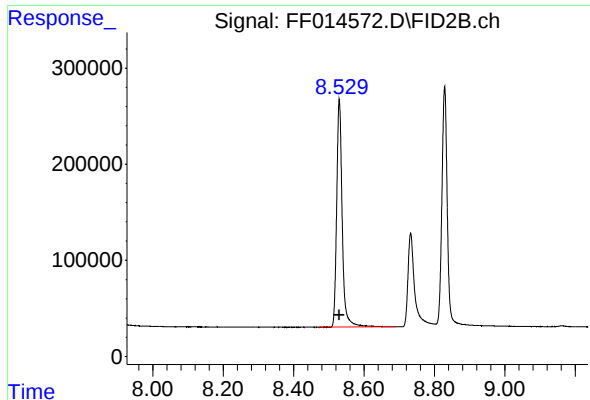
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 2545328
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

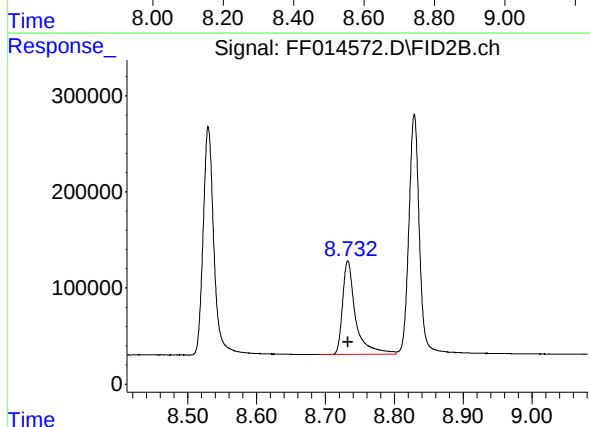
R.T.: 7.861 min
Delta R.T.: 0.000 min
Response: 2197883
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

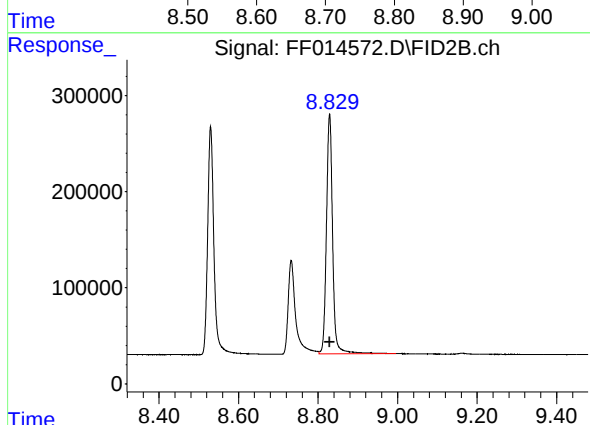
R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 2592081
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



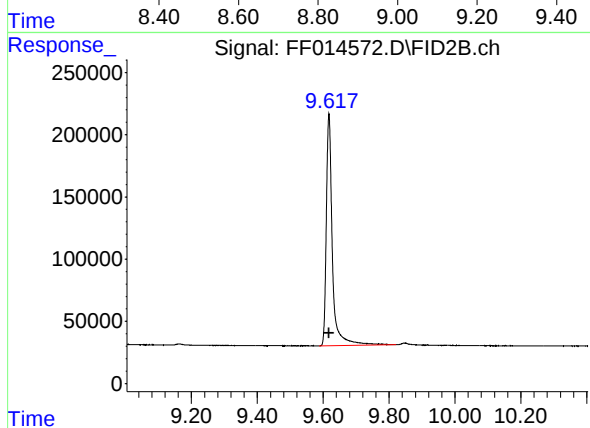
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 1283897
Conc: 20.00 ug/ml



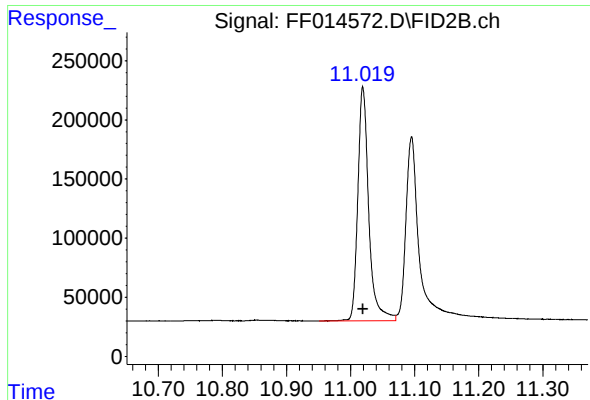
#7 Acenaphthene (C15.5)

R.T.: 8.829 min
Delta R.T.: 0.000 min
Response: 2697658
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

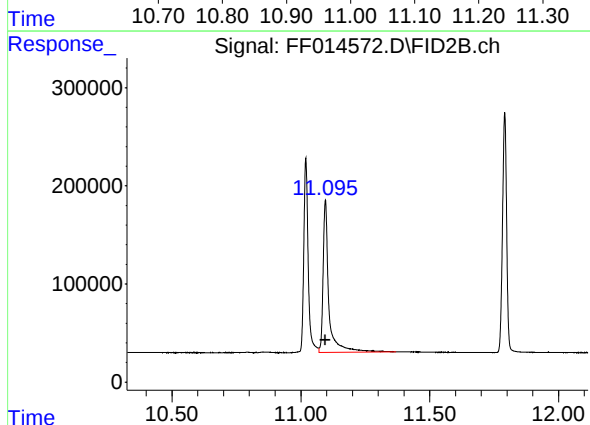
R.T.: 9.618 min
Delta R.T.: 0.000 min
Response: 2395435
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

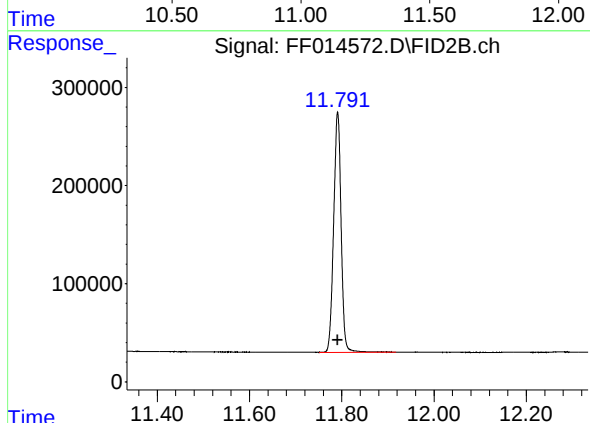
R.T.: 11.019 min
Delta R.T.: 0.000 min
Response: 2349422
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



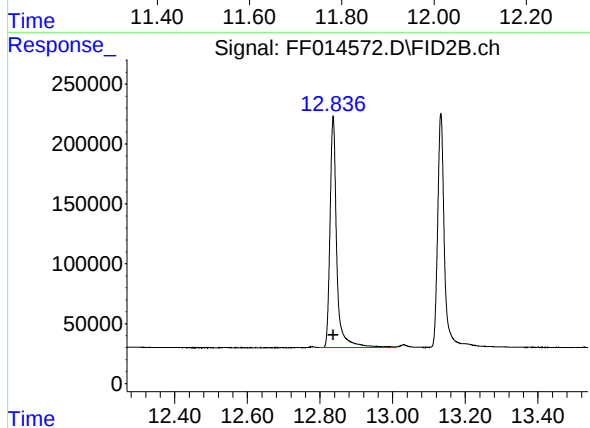
#10 Anthracene (C19.43)

R.T.: 11.095 min
Delta R.T.: 0.000 min
Response: 2420546
Conc: 20.00 ug/ml



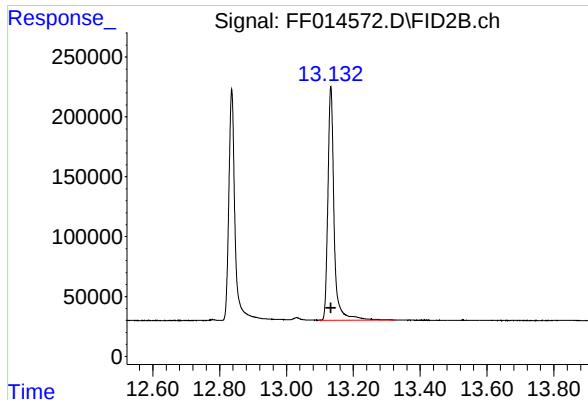
#11 ortho-Terphenyl (SURR)

R.T.: 11.791 min
Delta R.T.: 0.000 min
Response: 2744297
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

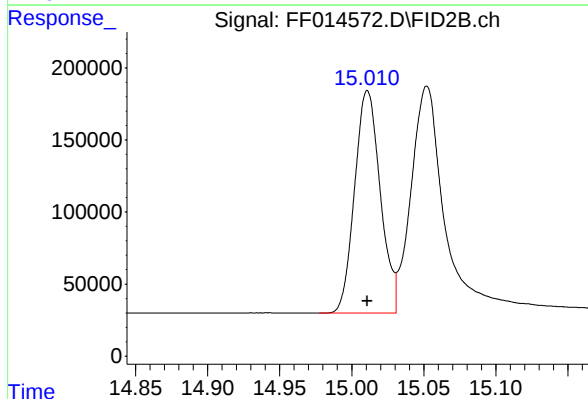
R.T.: 12.836 min
Delta R.T.: 0.000 min
Response: 2484719
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

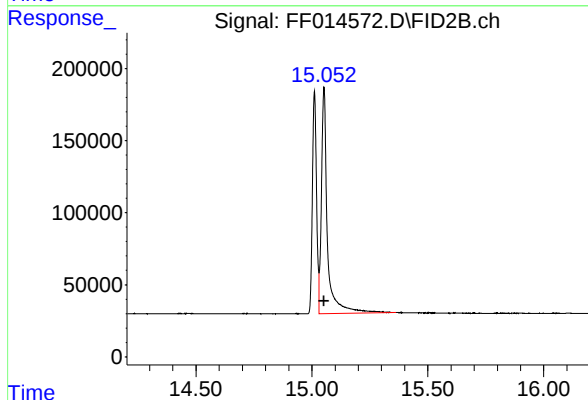
R.T.: 13.133 min
Delta R.T.: 0.000 min
Response: 2520663
Conc: 20.00 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD3



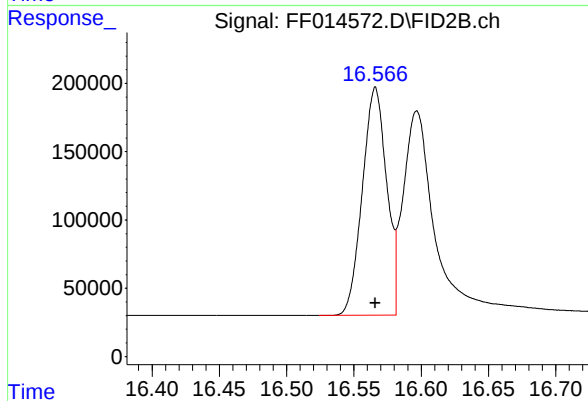
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.011 min
Delta R.T.: 0.000 min
Response: 1912884
Conc: 20.00 ug/ml



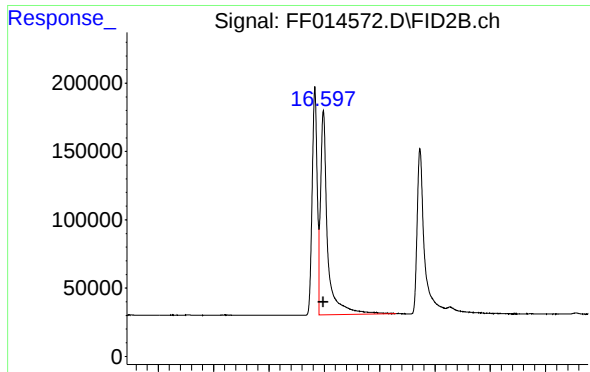
#15 Chrysene (C27.41)

R.T.: 15.052 min
Delta R.T.: 0.000 min
Response: 2842257
Conc: 20.00 ug/ml



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

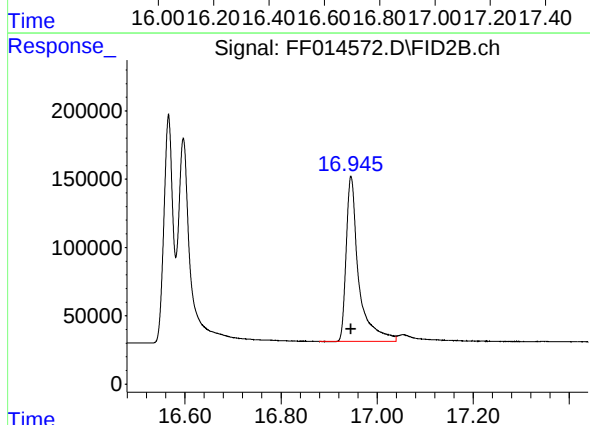
R.T.: 16.566 min
Delta R.T.: 0.000 min
Response: 2097129
Conc: 20.00 ug/ml



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

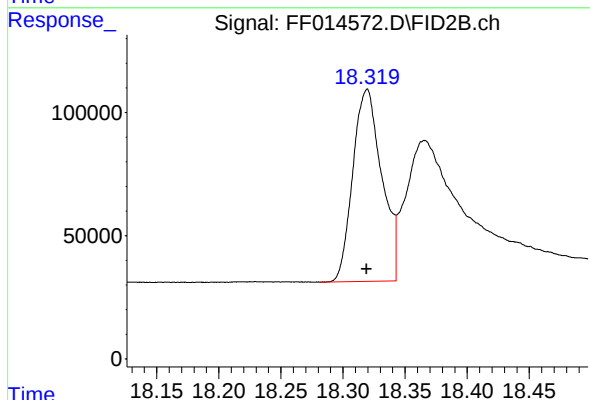
R.T.: 16.597 min
Delta R.T.: 0.000 min
Response: 2683975
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



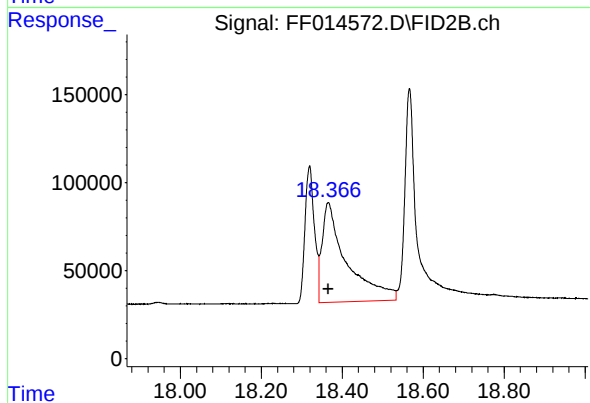
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.946 min
Delta R.T.: 0.000 min
Response: 2182711
Conc: 20.00 ug/ml



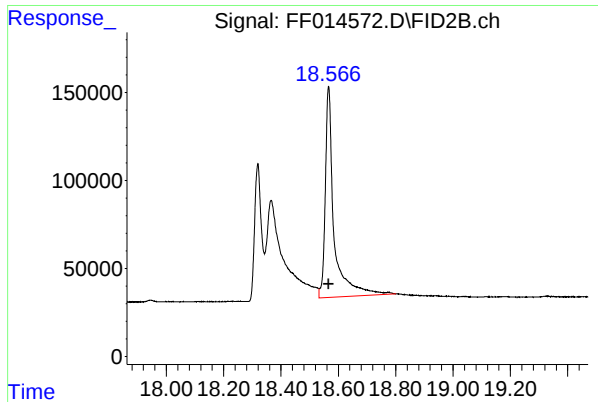
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.319 min
Delta R.T.: 0.000 min
Response: 1262660
Conc: 20.00 ug/ml



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

R.T.: 18.366 min
Delta R.T.: 0.000 min
Response: 2383095
Conc: 20.00 ug/ml



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

R.T.: 18.566 min
Delta R.T.: 0.000 min
Response: 2544363
Conc: 20.00 ug/ml

Instrument :
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ClientSampleId :
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