

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010422AL\
 Data File : FD040412.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jan 2022 6:13
 Operator : AJ\MA
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jan 05 06:35:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 06:31:15 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	10.631	1607362	10.416 ug/ml
Spiked Amount 50.000		Recovery =	20.83%
12) S 1-chlorooctadecane (S...	12.069	1223469	10.285 ug/ml
Spiked Amount 50.000		Recovery =	20.57%
Target Compounds			
1) T n-Nonane (C9)	2.576	1339823	10.450 ug/ml
2) T n-Decane (C10)	3.563	1341743	10.405 ug/ml
3) T A~Naphthalene (C11.7)	5.096	1469566	10.162 ug/ml
4) T n-Dodecane (C12)	5.533	1331387	10.365 ug/ml
5) T A~2-methylnaphthalene...	6.136	1453013	10.048 ug/ml
6) T n-Tetradecane (C14)	7.311	1344447	10.291 ug/ml
7) T n-Hexadecane (C16)	8.898	1352257	10.268 ug/ml
8) T n-Octadecane (C18)	10.330	1407041	10.297 ug/ml
10) T n-Eicosane (C20)	11.632	1416743	10.369 ug/ml
11) T n-Heneicosane (C21)	12.240	1443643	10.394 ug/ml
13) T n-Docosane (C22)	12.822	1435080	10.365 ug/ml
14) T n-Tetracosane (C24)	13.919	1449761	10.363 ug/ml
15) T n-Hexacosane (C26)	14.934	1429720	10.382 ug/ml
16) T n-Octacosane (C28)	15.880	1404220	10.351 ug/ml
17) T n-Tricontane (C30)	16.762	1353940	10.431 ug/ml
18) T n-Dotriacontane (C32)	17.591	1224006	10.352 ug/ml
19) T n-Tetratriacontane (C34)	18.370	1083461	10.313 ug/ml
20) T n-Hexatriacontane (C36)	19.106	1087770	11.240 ug/ml
21) T n-Octatriacontane (C38)	19.806	919850	10.282 ug/ml
22) T n-Tetracontane (C40)	20.609	847876	9.603 ug/ml

(f)=RT Delta > 1/2 Window

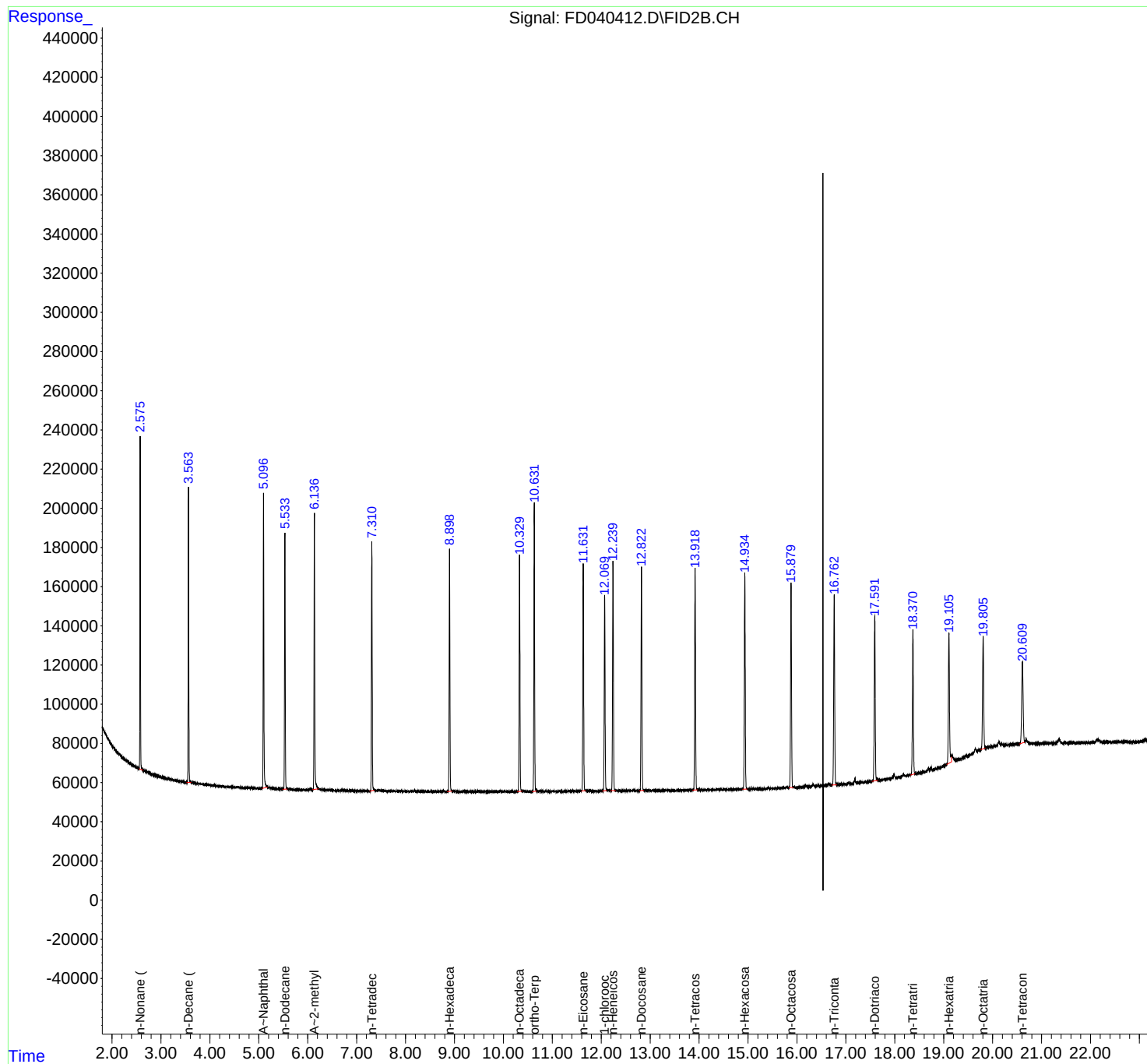
(m)=manual int.

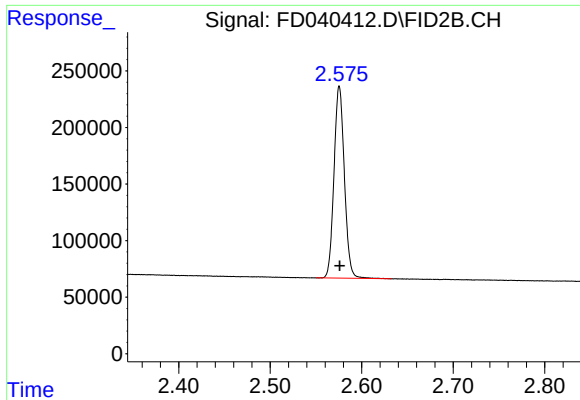
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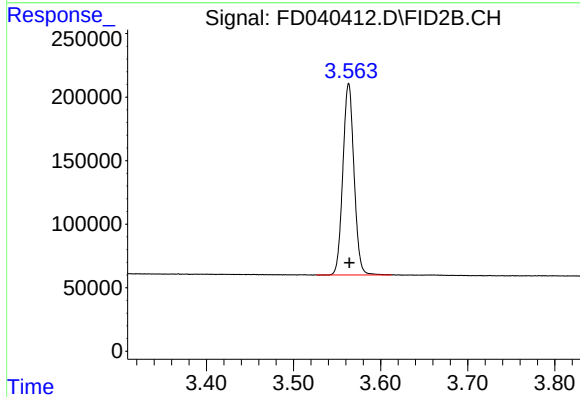




#1 n-Nonane (C9)

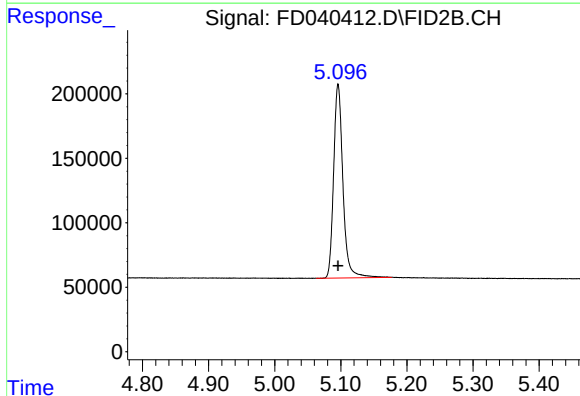
R.T.: 2.576 min
Delta R.T.: 0.000 min
Response: 1339823
Conc: 10.45 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



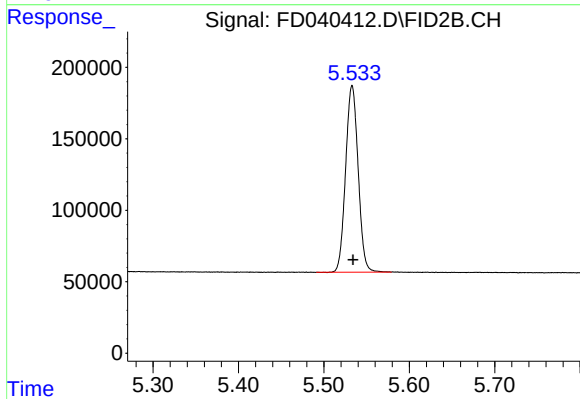
#2 n-Decane (C10)

R.T.: 3.563 min
Delta R.T.: 0.000 min
Response: 1341743
Conc: 10.40 ug/ml



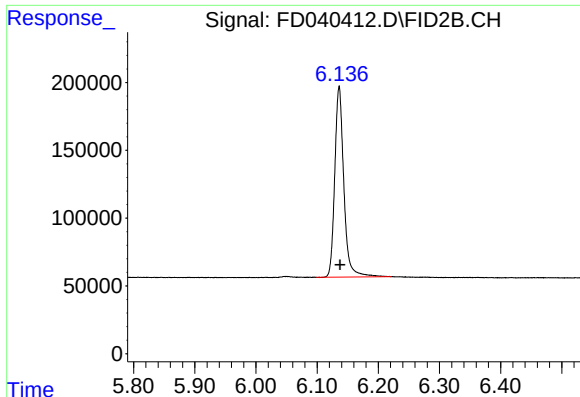
#3 A~Naphthalene (C11.7)

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 1469566
Conc: 10.16 ug/ml



#4 n-Dodecane (C12)

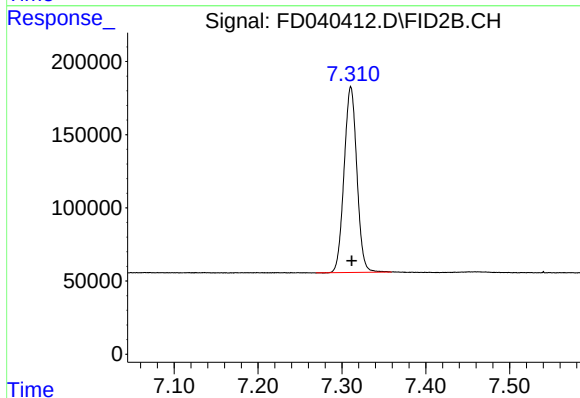
R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 1331387
Conc: 10.36 ug/ml



#5 A~2-methylnaphthalene (C12.89)

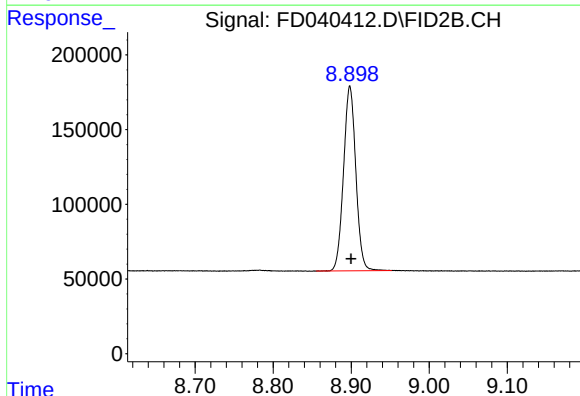
R.T.: 6.136 min
Delta R.T.: -0.001 min
Response: 1453013
Conc: 10.05 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



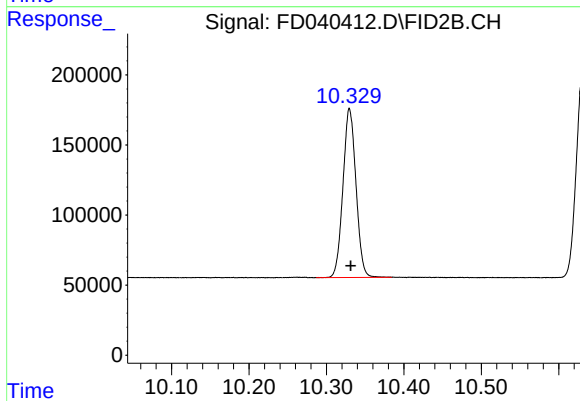
#6 n-Tetradecane (C14)

R.T.: 7.311 min
Delta R.T.: 0.000 min
Response: 1344447
Conc: 10.29 ug/ml



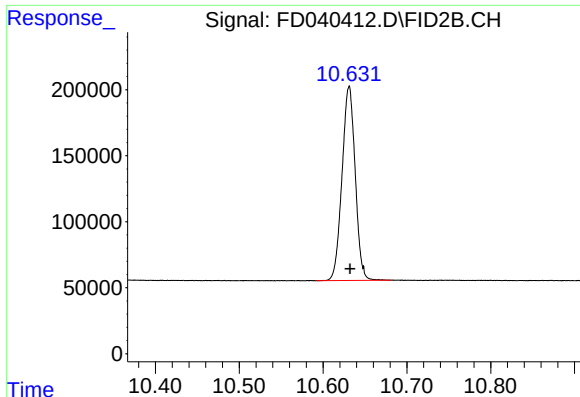
#7 n-Hexadecane (C16)

R.T.: 8.898 min
Delta R.T.: -0.001 min
Response: 1352257
Conc: 10.27 ug/ml



#8 n-Octadecane (C18)

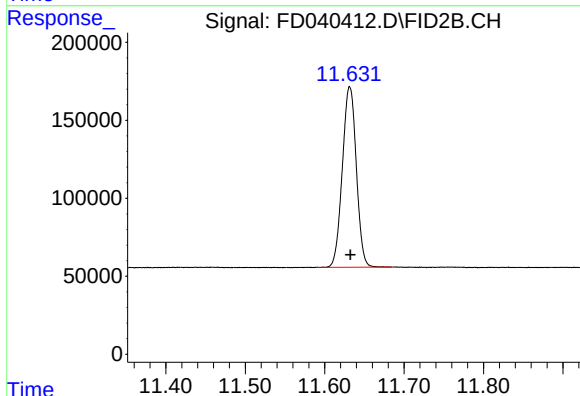
R.T.: 10.330 min
Delta R.T.: -0.002 min
Response: 1407041
Conc: 10.30 ug/ml



#9 ortho-Terphenyl (SURR)

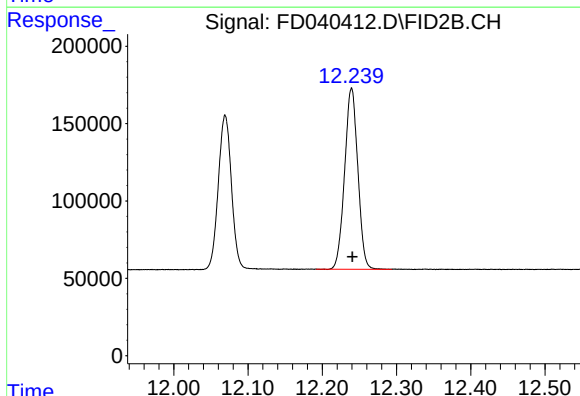
R.T.: 10.631 min
Delta R.T.: -0.001 min
Response: 1607362
Conc: 10.42 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



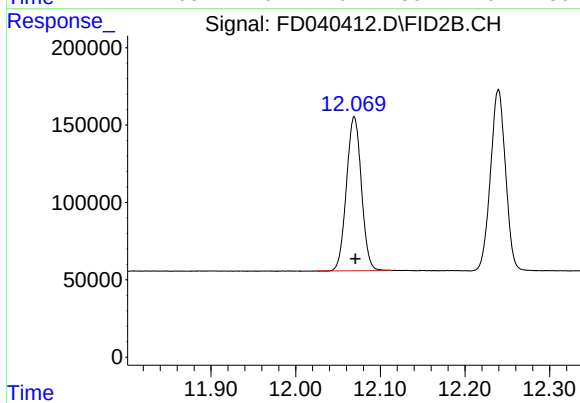
#10 n-Eicosane (C20)

R.T.: 11.632 min
Delta R.T.: 0.000 min
Response: 1416743
Conc: 10.37 ug/ml



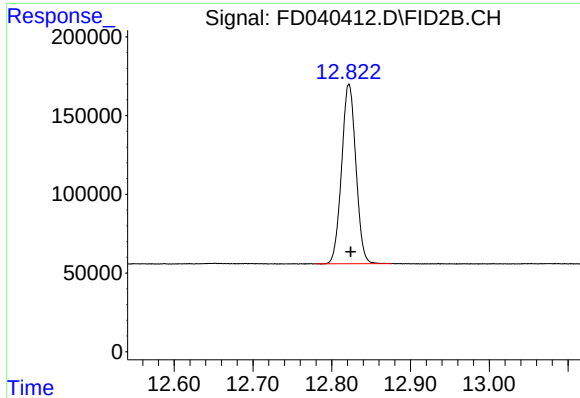
#11 n-Heneicosane (C21)

R.T.: 12.240 min
Delta R.T.: -0.001 min
Response: 1443643
Conc: 10.39 ug/ml



#12 1-chlorooctadecane (SURR)

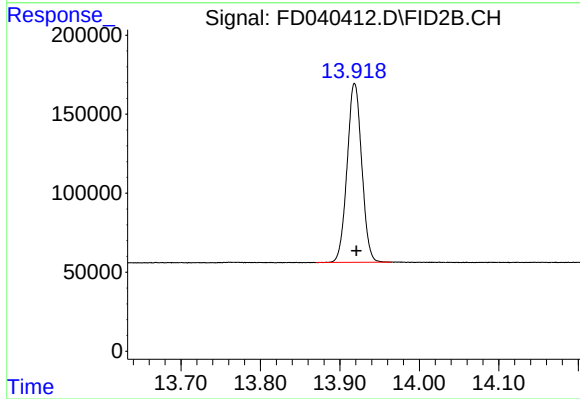
R.T.: 12.069 min
Delta R.T.: -0.002 min
Response: 1223469
Conc: 10.29 ug/ml



#13 n-Docosane (C22)

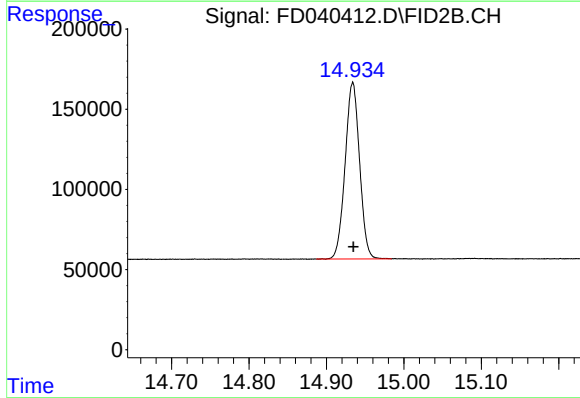
R.T.: 12.822 min
Delta R.T.: -0.002 min
Response: 1435080
Conc: 10.37 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



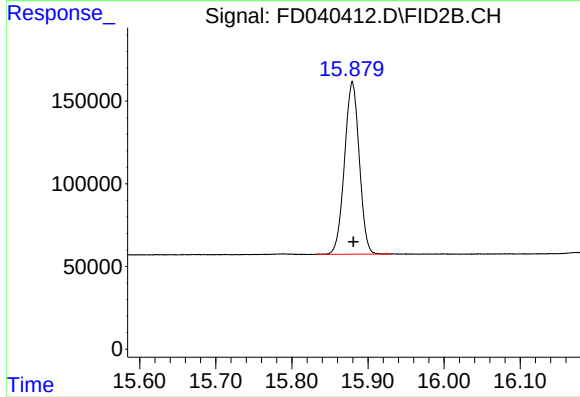
#14 n-Tetracosane (C24)

R.T.: 13.919 min
Delta R.T.: -0.002 min
Response: 1449761
Conc: 10.36 ug/ml



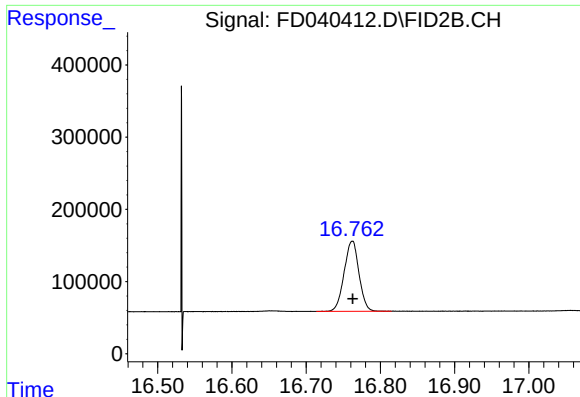
#15 n-Hexacosane (C26)

R.T.: 14.934 min
Delta R.T.: 0.000 min
Response: 1429720
Conc: 10.38 ug/ml



#16 n-Octacosane (C28)

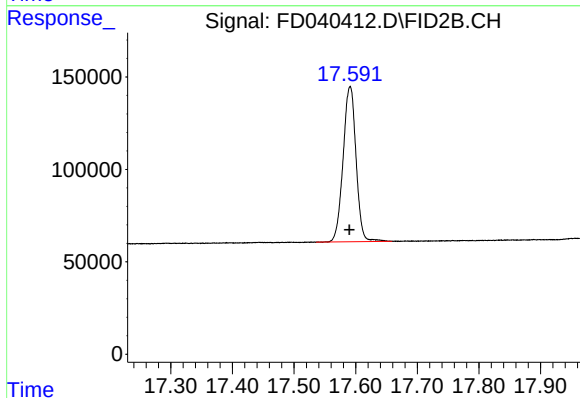
R.T.: 15.880 min
Delta R.T.: -0.001 min
Response: 1404220
Conc: 10.35 ug/ml



#17 n-Tricontane (C30)

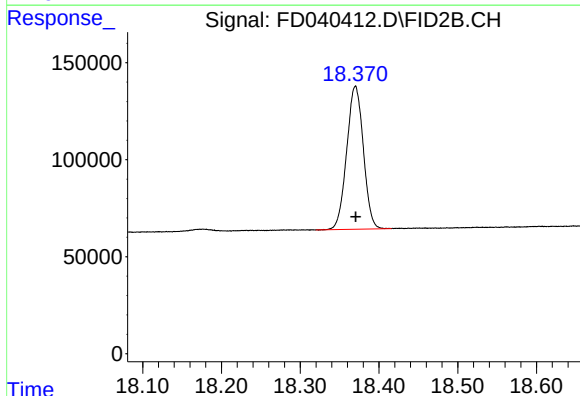
R.T.: 16.762 min
Delta R.T.: 0.000 min
Response: 1353940
Conc: 10.43 ug/ml

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10 PPM ALIPHATIC HC STD4



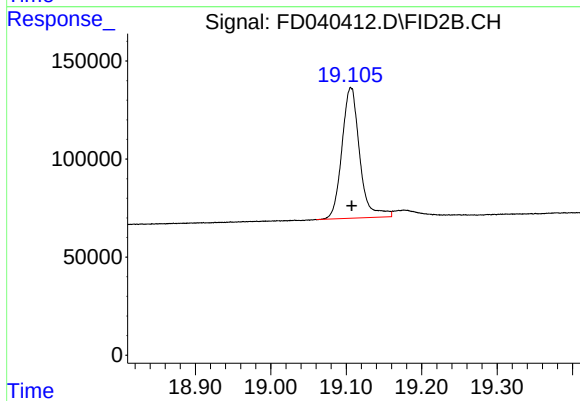
#18 n-Dotriacontane (C32)

R.T.: 17.591 min
Delta R.T.: 0.001 min
Response: 1224006
Conc: 10.35 ug/ml



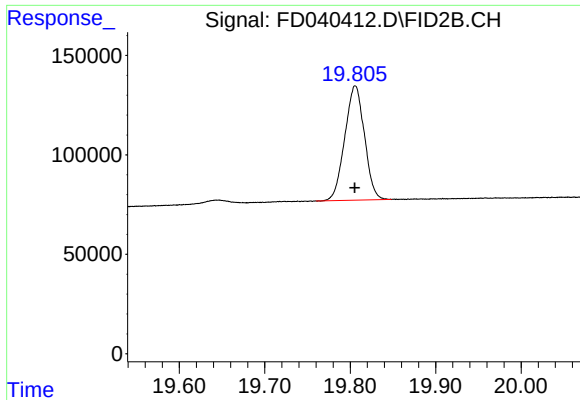
#19 n-Tetratriacontane (C34)

R.T.: 18.370 min
Delta R.T.: 0.000 min
Response: 1083461
Conc: 10.31 ug/ml



#20 n-Hexatriacontane (C36)

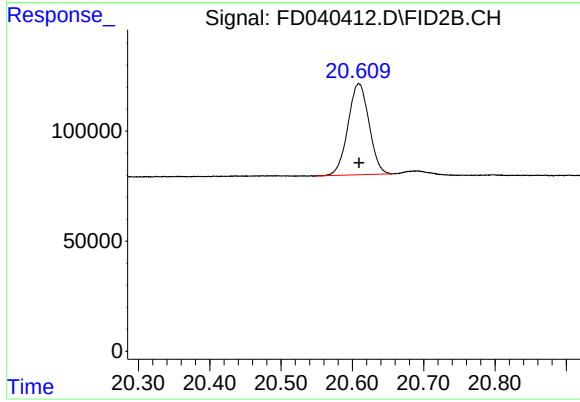
R.T.: 19.106 min
Delta R.T.: 0.000 min
Response: 1087770
Conc: 11.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.806 min
Delta R.T.: 0.000 min
Response: 919850
Conc: 10.28 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 20.609 min
Delta R.T.: 0.000 min
Response: 847876
Conc: 9.60 ug/ml