

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052722AL\
 Data File : FD042665.D
 Signal(s) : FID2B.CH
 Acq On : 28 May 2022 2:42
 Operator : UA/NP
 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: May 28 07:51:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:48:33 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)	11.579	1719764	10.257 ug/ml
Spiked Amount 50.000		Recovery =	20.51%
12) S 1-chlorooctadecane (S...	13.013	1350412	10.228 ug/ml
Spiked Amount 50.000		Recovery =	20.46%
Target Compounds			
1) T n-Nonane (C9)	3.352	1435562	10.242 ug/ml
2) T n-Decane (C10)	4.419	1432287	10.265 ug/ml
3) T A~Naphthalene (C11.7)	6.000	1630867	10.256 ug/ml
4) T n-Dodecane (C12)	6.434	1469994	10.279 ug/ml
5) T A~2-methylnaphthalene...	7.054	1658268	10.250 ug/ml
6) T n-Tetradecane (C14)	8.225	1490912	10.275 ug/ml
7) T n-Hexadecane (C16)	9.823	1526379	10.273 ug/ml
8) T n-Octadecane (C18)	11.262	1558948	10.271 ug/ml
10) T n-Eicosane (C20)	12.570	1557947	10.248 ug/ml
11) T n-Heneicosane (C21)	13.181	1569237	10.236 ug/ml
13) T n-Docosane (C22)	13.766	1569566	10.253 ug/ml
14) T n-Tetracosane (C24)	14.866	1557409	10.213 ug/ml
15) T n-Hexacosane (C26)	15.884	1505555	10.101 ug/ml
16) T n-Octacosane (C28)	16.832	1429820	9.981 ug/ml
17) T n-Tricontane (C30)	17.716	1322970	9.826 ug/ml
18) T n-Dotriacontane (C32)	18.546	1185960	9.815 ug/ml
19) T n-Tetratriacontane (C34)	19.327	1071774	9.915 ug/ml
20) T n-Hexatriacontane (C36)	20.066	991226	9.998 ug/ml
21) T n-Octatriacontane (C38)	20.795	928655	9.915 ug/ml
22) T n-Tetracontane (C40)	21.696	787754	9.296 ug/ml

(f)=RT Delta > 1/2 Window

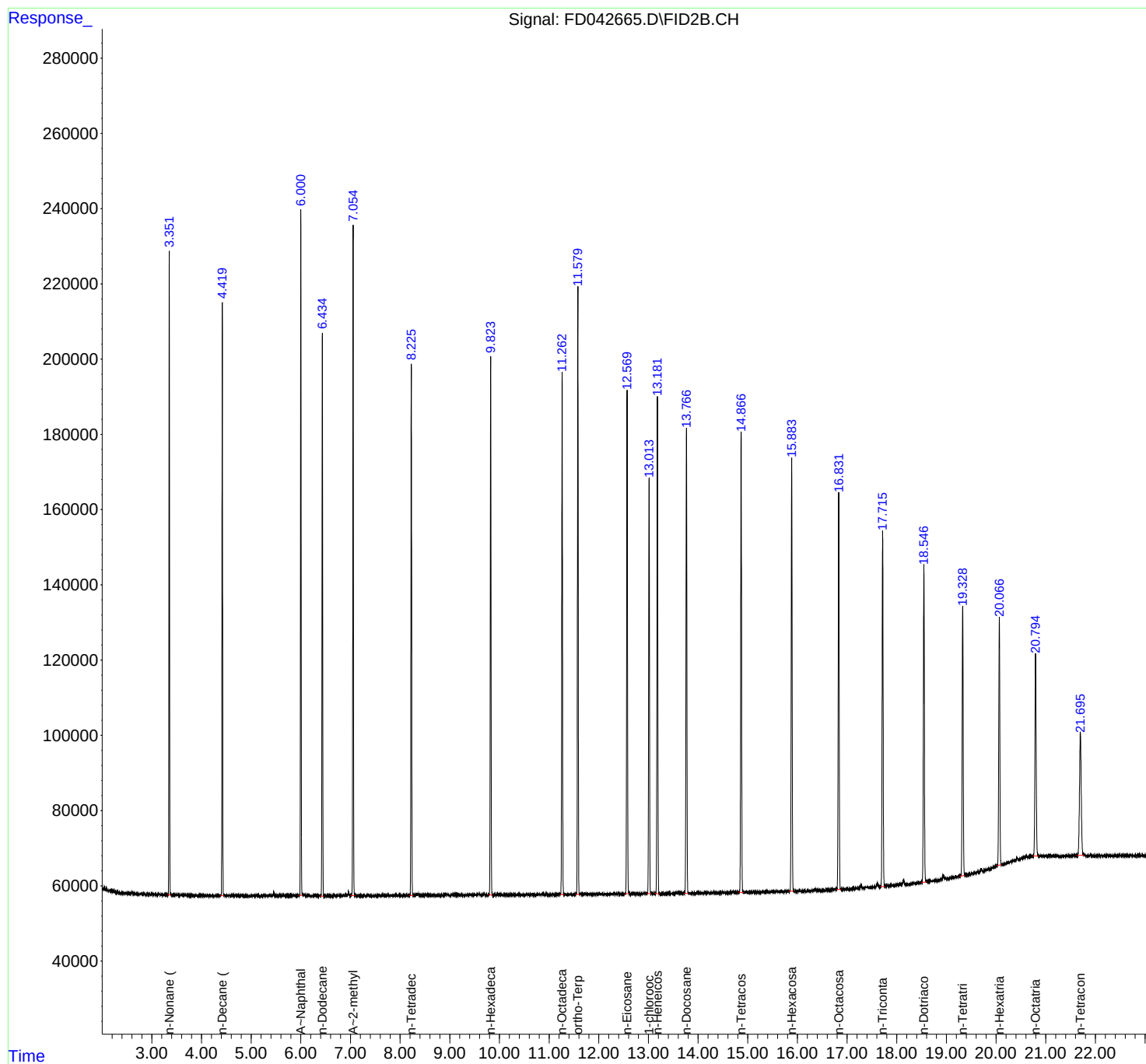
(m)=manual int.

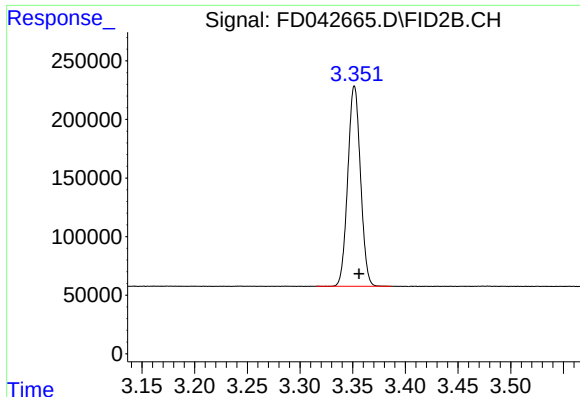
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052722AL\
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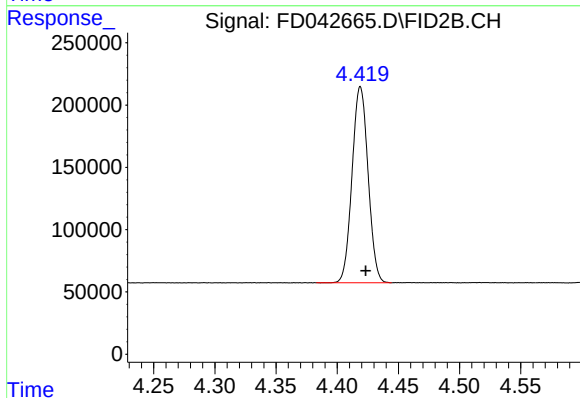




#1 n-Nonane (C9)

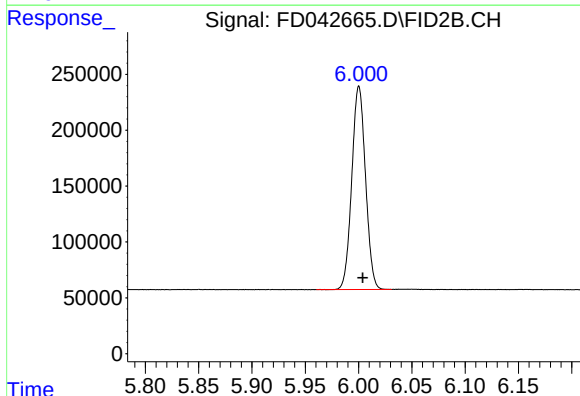
R.T.: 3.352 min
Delta R.T.: -0.004 min
Response: 1435562
Conc: 10.24 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



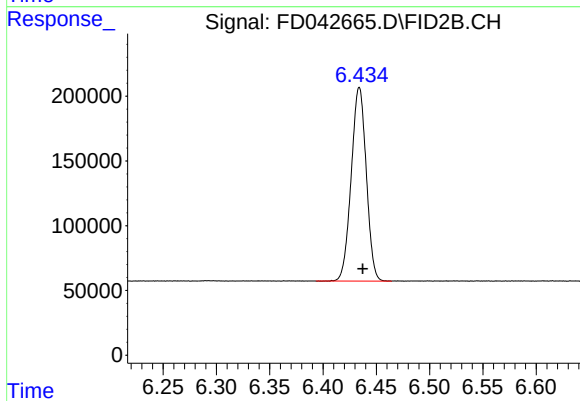
#2 n-Decane (C10)

R.T.: 4.419 min
Delta R.T.: -0.004 min
Response: 1432287
Conc: 10.27 ug/ml



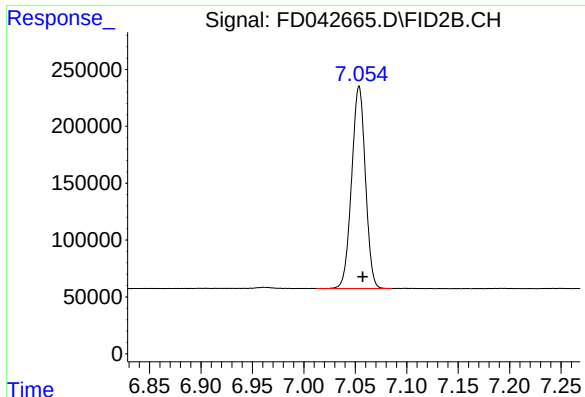
#3 A~Naphthalene (C11.7)

R.T.: 6.000 min
Delta R.T.: -0.003 min
Response: 1630867
Conc: 10.26 ug/ml



#4 n-Dodecane (C12)

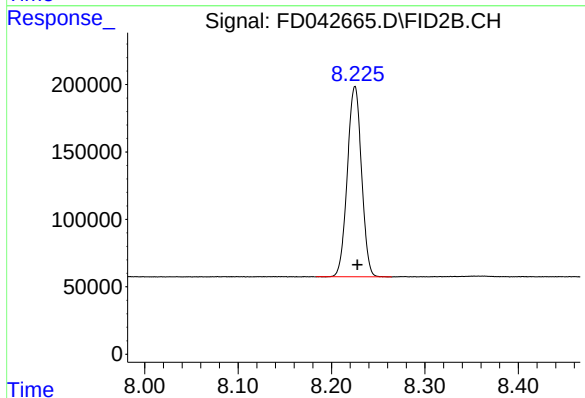
R.T.: 6.434 min
Delta R.T.: -0.003 min
Response: 1469994
Conc: 10.28 ug/ml



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

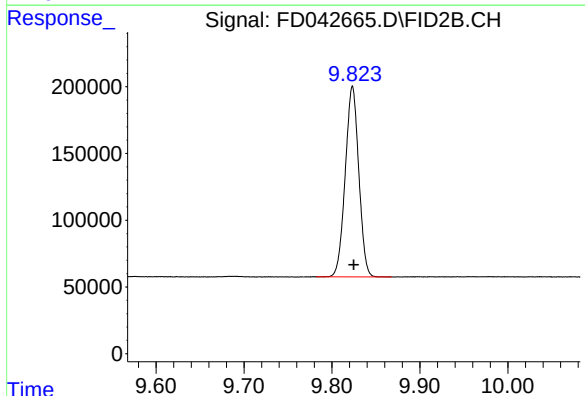
R.T.: 7.054 min
Delta R.T.: -0.003 min
Response: 1658268
Conc: 10.25 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4



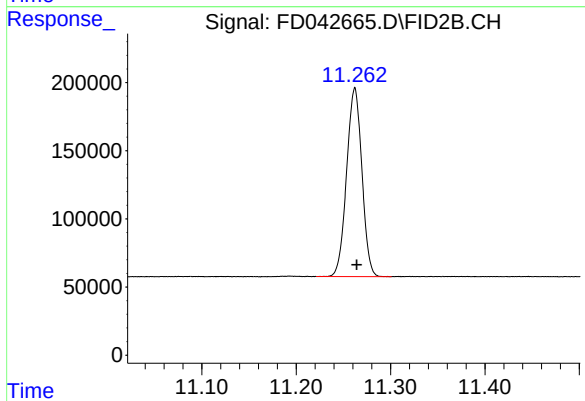
#6 n-Tetradecane (C14)

R.T.: 8.225 min
Delta R.T.: -0.003 min
Response: 1490912
Conc: 10.28 ug/ml



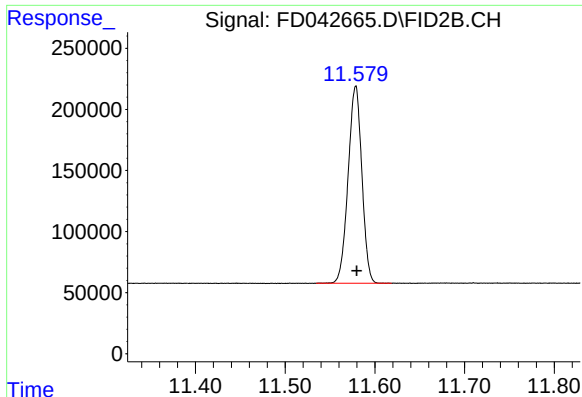
#7 n-Hexadecane (C16)

R.T.: 9.823 min
Delta R.T.: -0.001 min
Response: 1526379
Conc: 10.27 ug/ml



#8 n-Octadecane (C18)

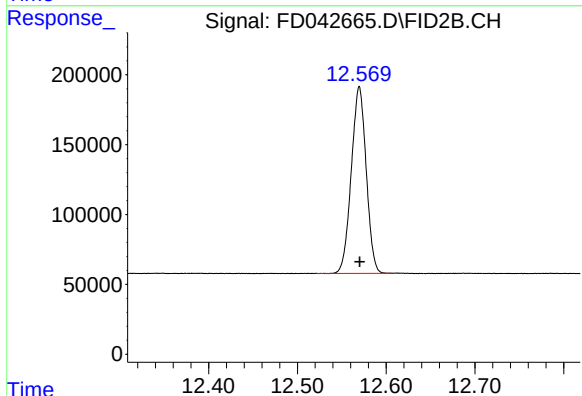
R.T.: 11.262 min
Delta R.T.: -0.002 min
Response: 1558948
Conc: 10.27 ug/ml



#9 ortho-Terphenyl (SURR)

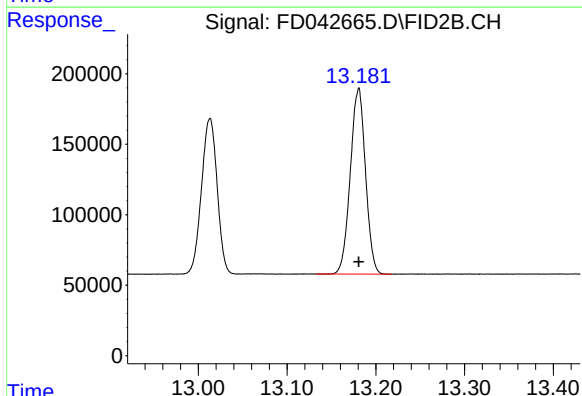
R.T.: 11.579 min
Delta R.T.: -0.001 min
Response: 1719764
Conc: 10.26 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



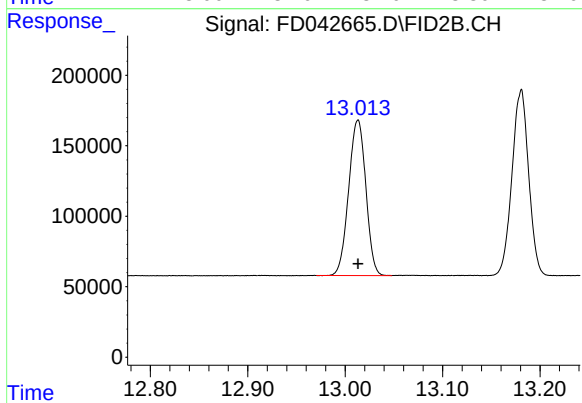
#10 n-Eicosane (C20)

R.T.: 12.570 min
Delta R.T.: 0.000 min
Response: 1557947
Conc: 10.25 ug/ml



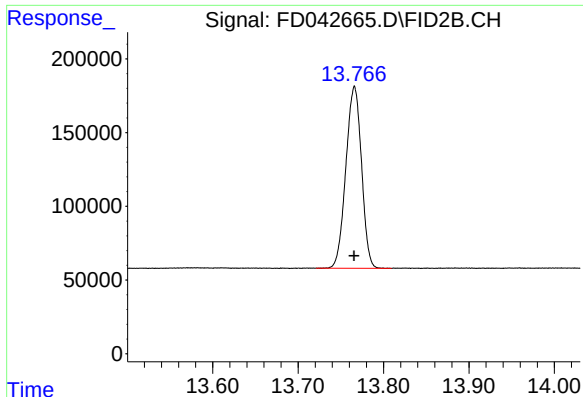
#11 n-Heneicosane (C21)

R.T.: 13.181 min
Delta R.T.: 0.000 min
Response: 1569237
Conc: 10.24 ug/ml



#12 1-chlorooctadecane (SURR)

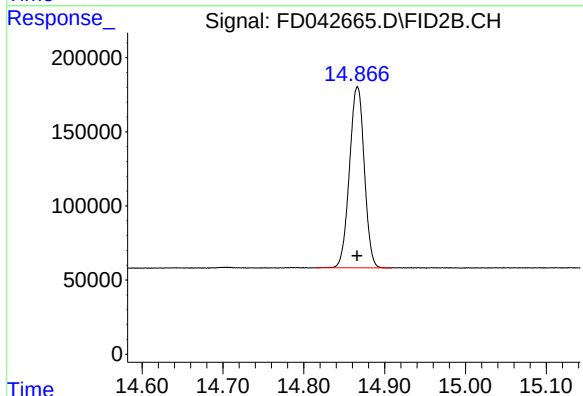
R.T.: 13.013 min
Delta R.T.: 0.000 min
Response: 1350412
Conc: 10.23 ug/ml



#13 n-Docosane (C22)

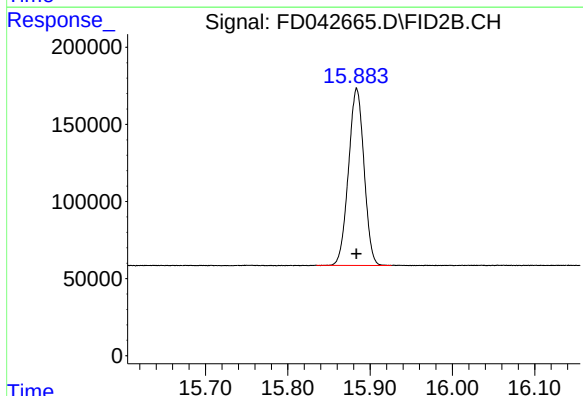
R.T.: 13.766 min
Delta R.T.: 0.000 min
Response: 1569566
Conc: 10.25 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



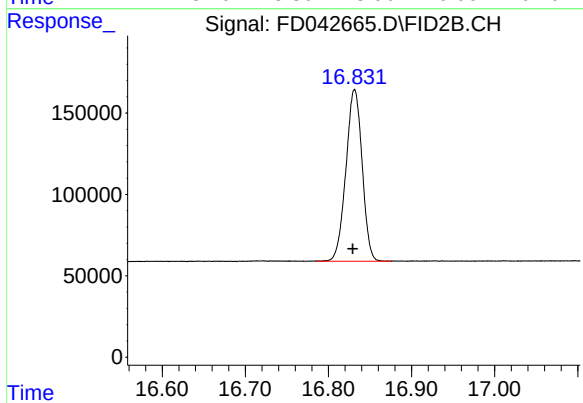
#14 n-Tetracosane (C24)

R.T.: 14.866 min
Delta R.T.: 0.000 min
Response: 1557409
Conc: 10.21 ug/ml



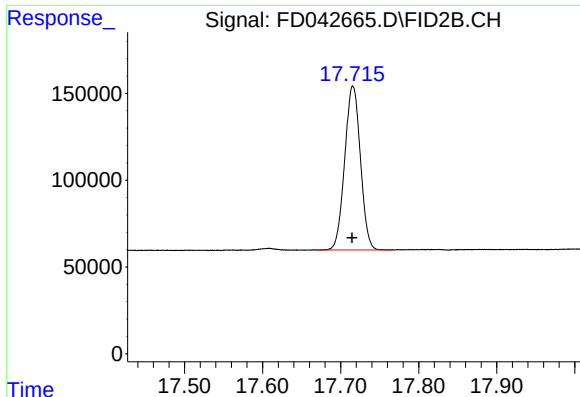
#15 n-Hexacosane (C26)

R.T.: 15.884 min
Delta R.T.: 0.000 min
Response: 1505555
Conc: 10.10 ug/ml



#16 n-Octacosane (C28)

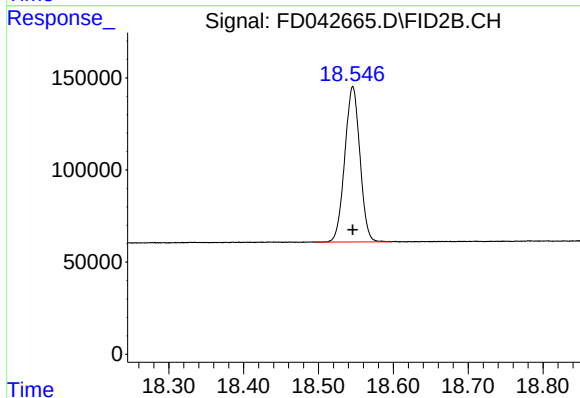
R.T.: 16.832 min
Delta R.T.: 0.002 min
Response: 1429820
Conc: 9.98 ug/ml



#17 n-Tricontane (C30)

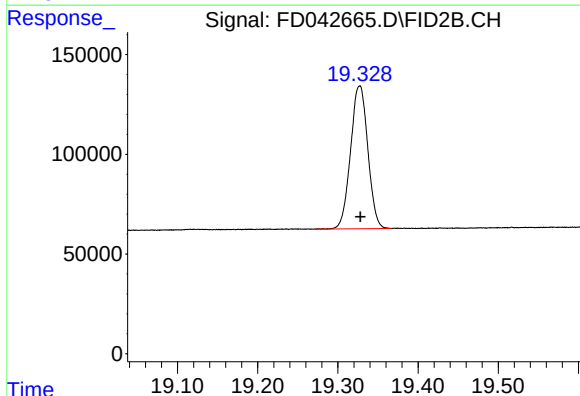
R.T.: 17.716 min
Delta R.T.: 0.001 min
Response: 1322970
Conc: 9.83 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



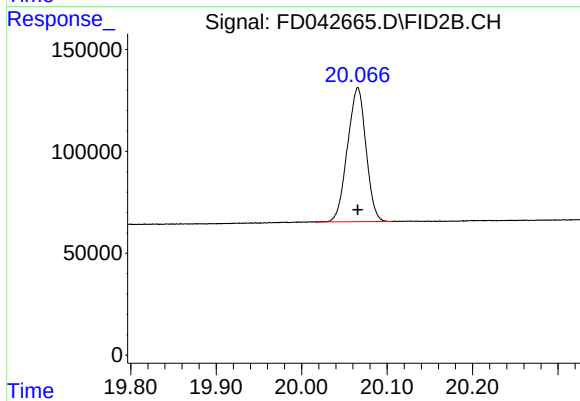
#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: 0.000 min
Response: 1185960
Conc: 9.82 ug/ml



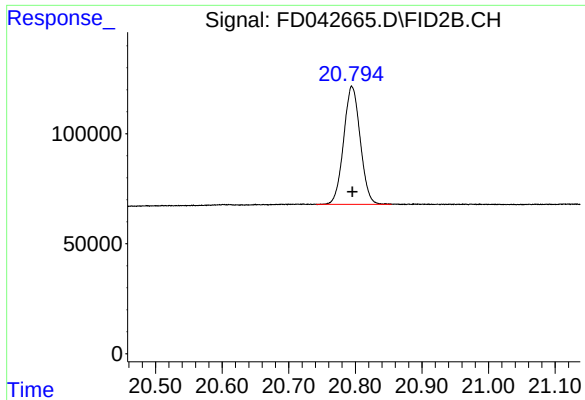
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: 0.000 min
Response: 1071774
Conc: 9.92 ug/ml



#20 n-Hexatriacontane (C36)

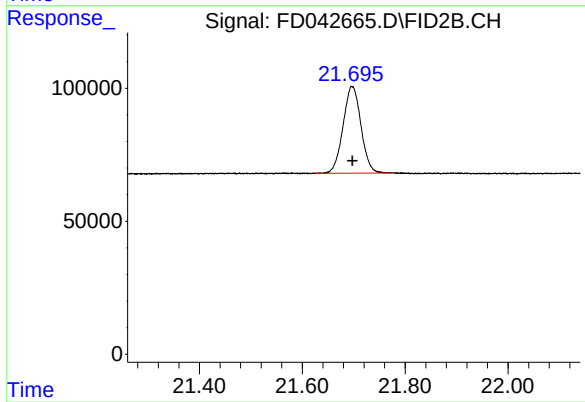
R.T.: 20.066 min
Delta R.T.: 0.000 min
Response: 991226
Conc: 10.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.795 min
Delta R.T.: 0.000 min
Response: 928655
Conc: 9.92 ug/ml

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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.696 min
Delta R.T.: 0.000 min
Response: 787754
Conc: 9.30 ug/ml