

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120922AL\
 Data File : FC062381.D
 Signal(s) : FID1A.ch
 Acq On : 09 Dec 2022 11:15
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Dec 11 03:52:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.572	2949638	20.910 ug/ml
Spiked Amount 50.000		Recovery =	41.82%
12) S 1-chlorooctadecane (S...	13.011	2199343	20.635 ug/ml
Spiked Amount 50.000		Recovery =	41.27%
Target Compounds			
1) T n-Nonane (C9)	3.322	2683114	20.862 ug/ml
2) T n-Decane (C10)	4.391	2625382	21.104 ug/ml
3) T A~Naphthalene (C11.7)	5.978	3008637	21.202 ug/ml
4) T n-Dodecane (C12)	6.415	2637889	21.060 ug/ml
5) T A~2-methylnaphthalene...	7.038	2819257	21.926 ug/ml
6) T n-Tetradecane (C14)	8.213	2638907	21.669 ug/ml
7) T n-Hexadecane (C16)	9.815	2677962	21.336 ug/ml
8) T n-Octadecane (C18)	11.258	2699706	21.132 ug/ml
10) T n-Eicosane (C20)	12.568	2588618	20.810 ug/ml
11) T n-Heneicosane (C21)	13.180	2579950	20.878 ug/ml
13) T n-Docosane (C22)	13.766	2523836	20.777 ug/ml
14) T n-Tetracosane (C24)	14.868	2479150	20.683 ug/ml
15) T n-Hexacosane (C26)	15.887	2389647	20.571 ug/ml
16) T n-Octacosane (C28)	16.837	2325193	20.458 ug/ml
17) T n-Tricontane (C30)	17.721	2283590	20.426 ug/ml
18) T n-Dotriacontane (C32)	18.551	2272412	20.450 ug/ml
19) T n-Tetratriacontane (C34)	19.334	2220062	20.521 ug/ml
20) T n-Hexatriacontane (C36)	20.073	2171459	21.389 ug/ml
21) T n-Octatriacontane (C38)	20.809	2091977	20.448 ug/ml
22) T n-Tetracontane (C40)	21.723	2054019	20.267 ug/ml

(f)=RT Delta > 1/2 Window

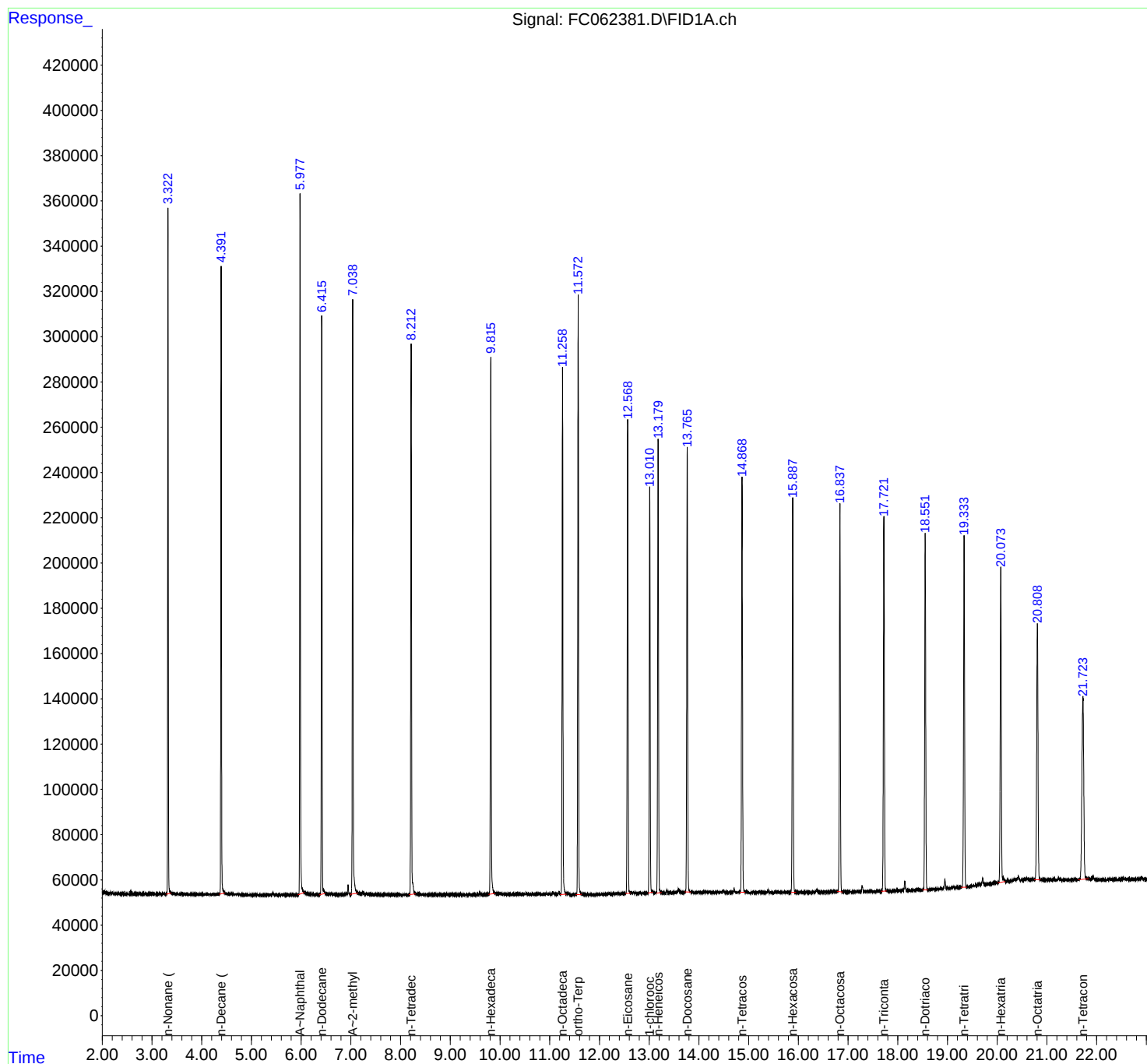
(m)=manual int.

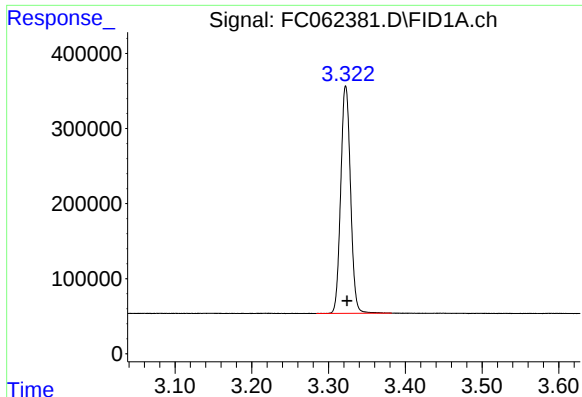
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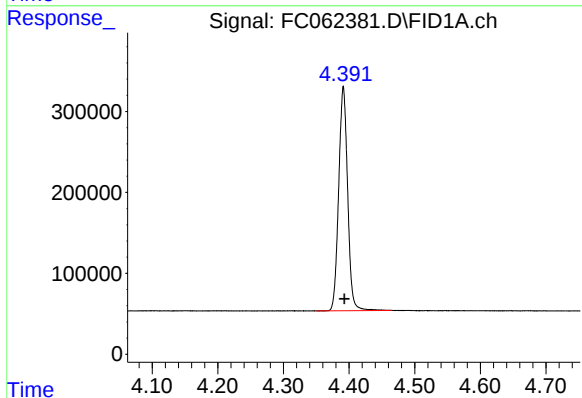




#1 n-Nonane (C9)

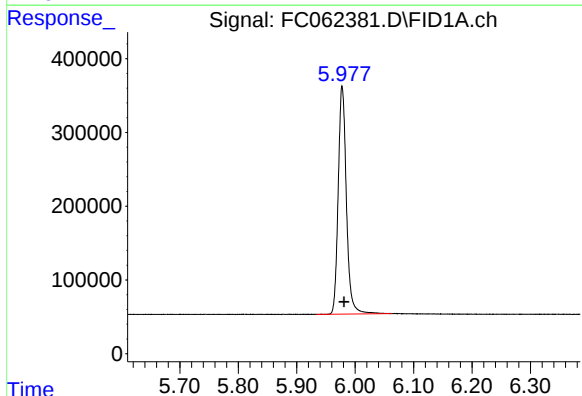
R.T.: 3.322 min
Delta R.T.: -0.002 min
Response: 2683114
Conc: 20.86 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



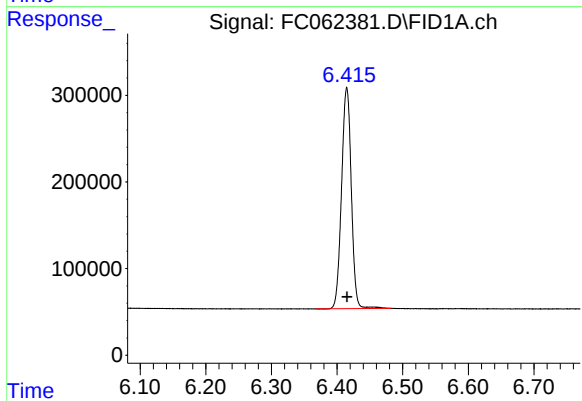
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: -0.001 min
Response: 2625382
Conc: 21.10 ug/ml



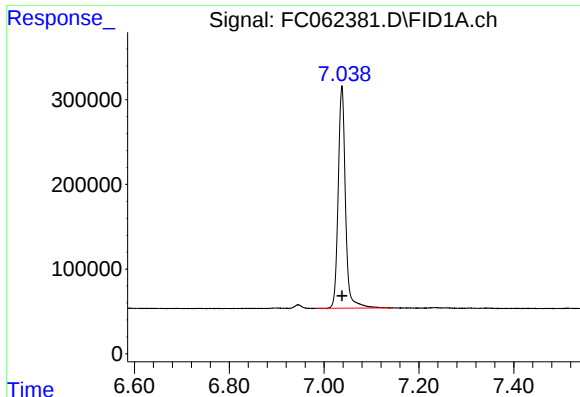
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.003 min
Response: 3008637
Conc: 21.20 ug/ml



#4 n-Dodecane (C12)

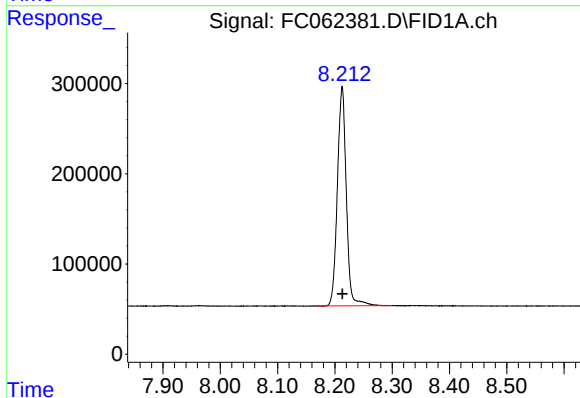
R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 2637889
Conc: 21.06 ug/ml



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

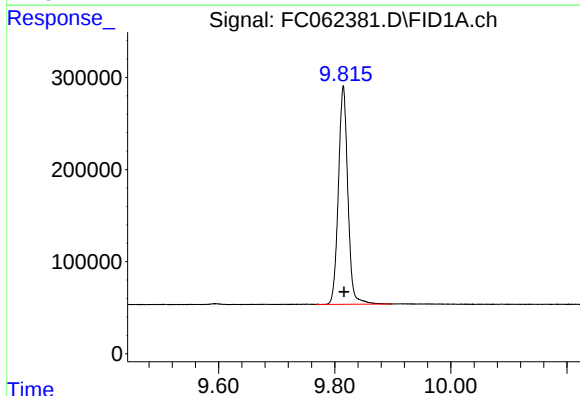
R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 2819257
Conc: 21.93 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



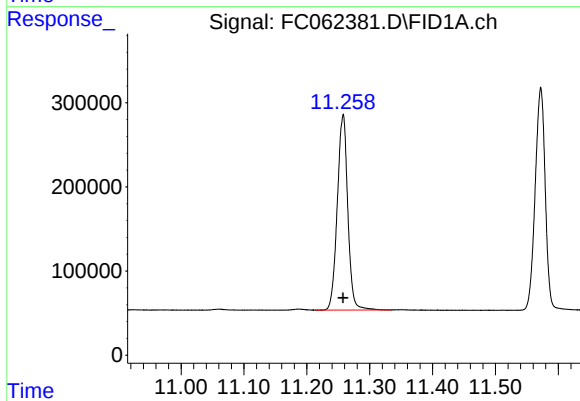
#6 n-Tetradecane (C14)

R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 2638907
Conc: 21.67 ug/ml



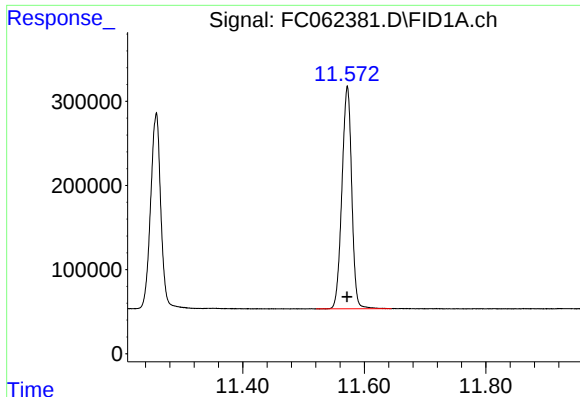
#7 n-Hexadecane (C16)

R.T.: 9.815 min
Delta R.T.: -0.001 min
Response: 2677962
Conc: 21.34 ug/ml



#8 n-Octadecane (C18)

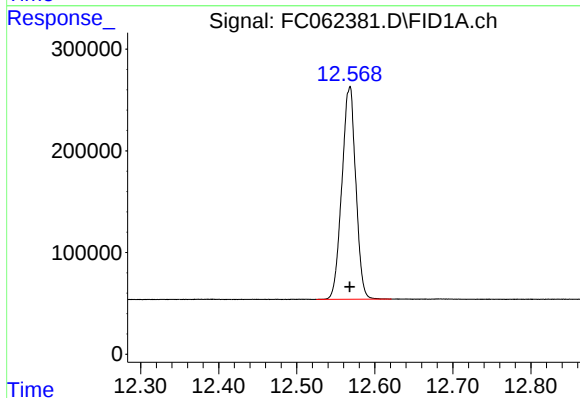
R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 2699706
Conc: 21.13 ug/ml



#9 ortho-Terphenyl (SURR)

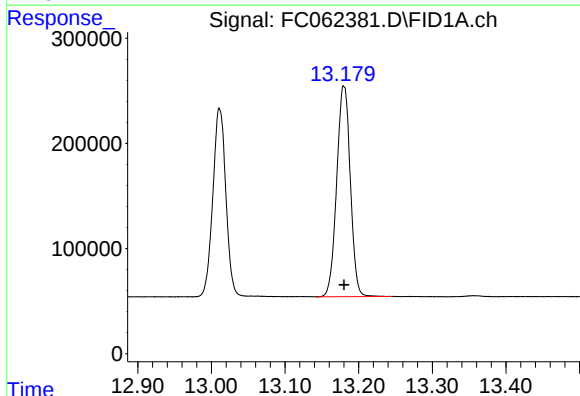
R.T.: 11.572 min
Delta R.T.: 0.000 min
Response: 2949638
Conc: 20.91 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



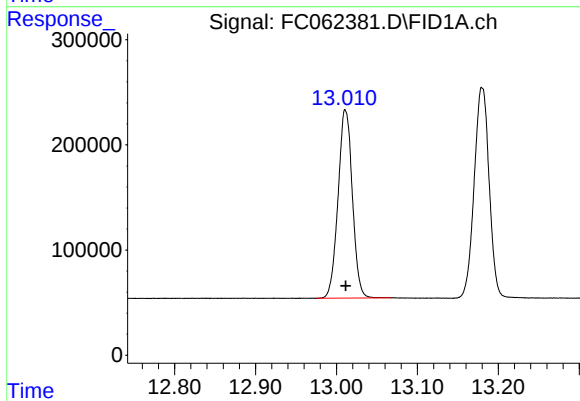
#10 n-Eicosane (C20)

R.T.: 12.568 min
Delta R.T.: 0.000 min
Response: 2588618
Conc: 20.81 ug/ml



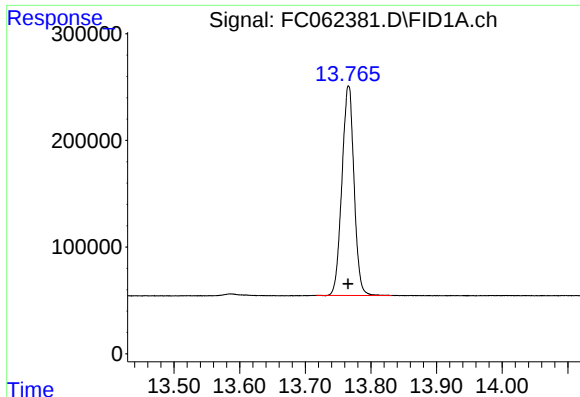
#11 n-Heneicosane (C21)

R.T.: 13.180 min
Delta R.T.: 0.000 min
Response: 2579950
Conc: 20.88 ug/ml



#12 1-chlorooctadecane (SURR)

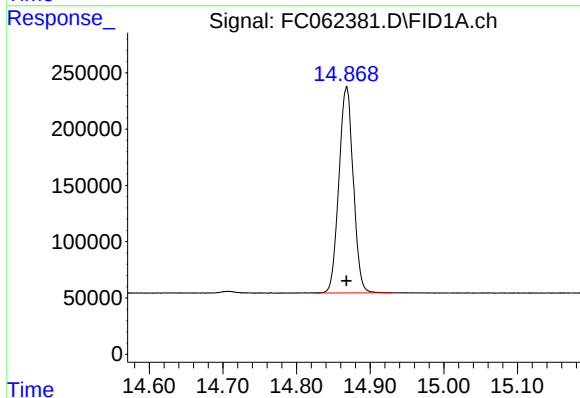
R.T.: 13.011 min
Delta R.T.: 0.000 min
Response: 2199343
Conc: 20.63 ug/ml



#13 n-Docosane (C22)

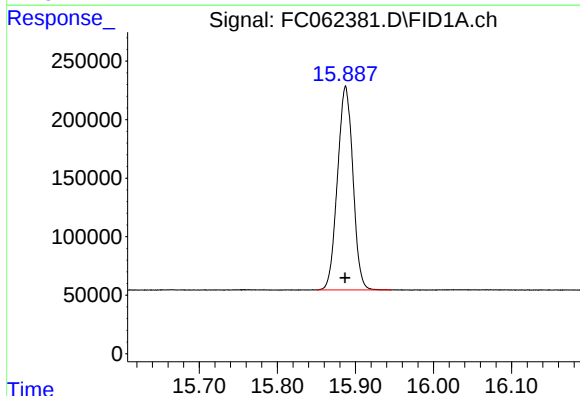
R.T.: 13.766 min
Delta R.T.: 0.001 min
Response: 2523836
Conc: 20.78 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



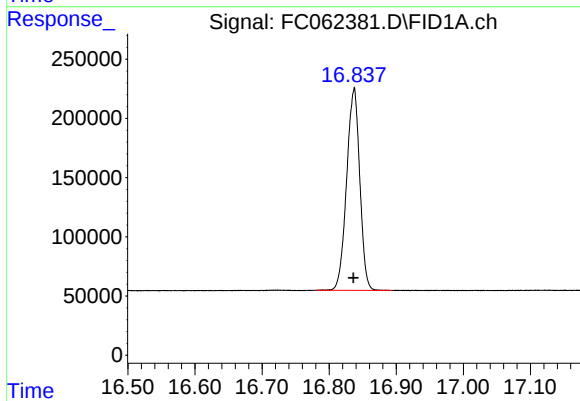
#14 n-Tetracosane (C24)

R.T.: 14.868 min
Delta R.T.: 0.000 min
Response: 2479150
Conc: 20.68 ug/ml



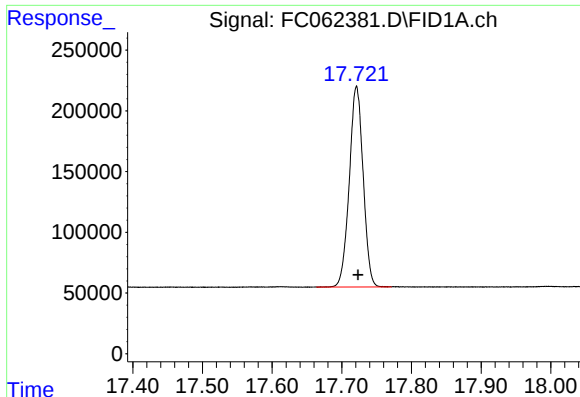
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: 0.000 min
Response: 2389647
Conc: 20.57 ug/ml



#16 n-Octacosane (C28)

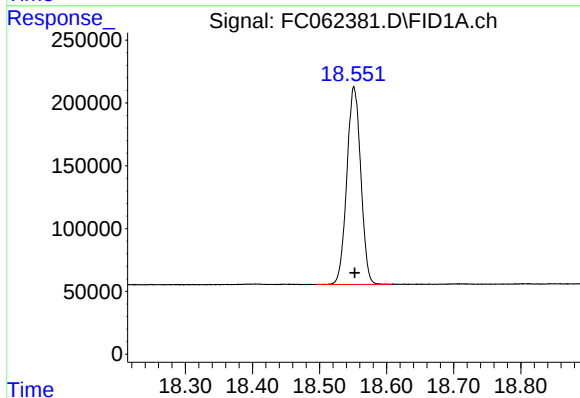
R.T.: 16.837 min
Delta R.T.: 0.000 min
Response: 2325193
Conc: 20.46 ug/ml



#17 n-Tricontane (C30)

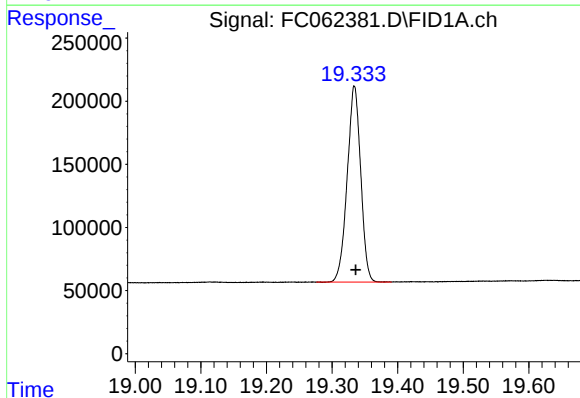
R.T.: 17.721 min
Delta R.T.: -0.002 min
Response: 2283590
Conc: 20.43 ug/ml

Instrument :
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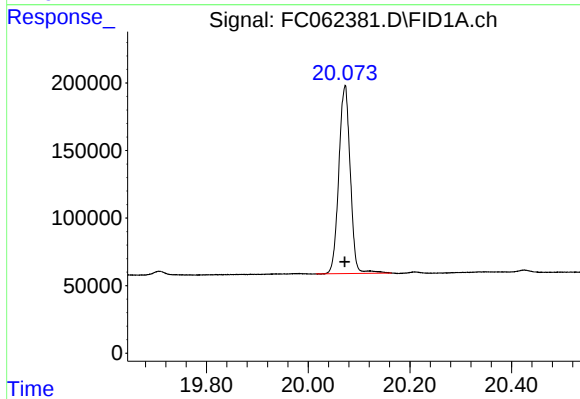
#18 n-Dotriacontane (C32)

R.T.: 18.551 min
Delta R.T.: -0.001 min
Response: 2272412
Conc: 20.45 ug/ml



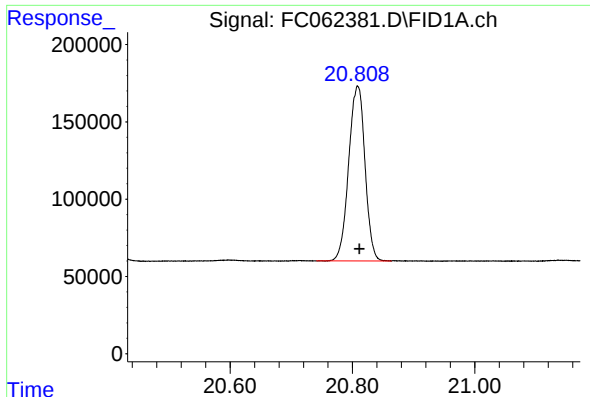
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: -0.002 min
Response: 2220062
Conc: 20.52 ug/ml



#20 n-Hexatriacontane (C36)

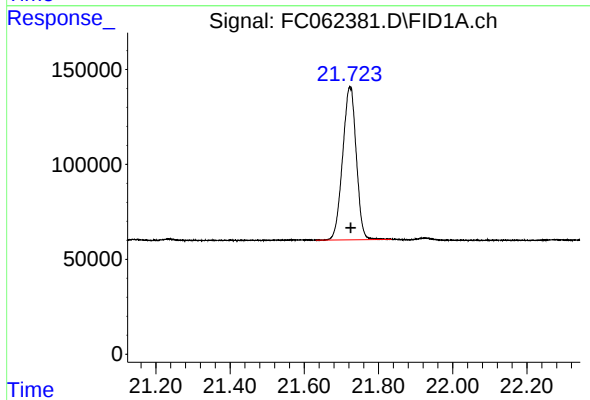
R.T.: 20.073 min
Delta R.T.: 0.000 min
Response: 2171459
Conc: 21.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.809 min
Delta R.T.: -0.003 min
Response: 2091977
Conc: 20.45 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.723 min
Delta R.T.: -0.003 min
Response: 2054019
Conc: 20.27 ug/ml