

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121024AL\
 Data File : FC067963.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 06:01
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Dec 10 07:48:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:47:35 2024
 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)	11.470	3478796	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.909	2577301	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.252	3147958	20.000 ug/ml
2) T n-Decane (C10)	4.314	3214085	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.890	3539917	20.000 ug/ml
4) T n-Dodecane (C12)	6.329	3271530	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.944	3417082	20.000 ug/ml
6) T n-Tetradecane (C14)	8.122	3227885	20.000 ug/ml
7) T n-Hexadecane (C16)	9.720	3274539	20.000 ug/ml
8) T n-Octadecane (C18)	11.160	3262121	20.000 ug/ml
10) T n-Eicosane (C20)	12.467	3040444	20.000 ug/ml
11) T n-Heneicosane (C21)	13.078	2950289	20.000 ug/ml
13) T n-Docosane (C22)	13.664	2883779	20.000 ug/ml
14) T n-Tetracosane (C24)	14.765	2793059	20.000 ug/ml
15) T n-Hexacosane (C26)	15.785	2685455	20.000 ug/ml
16) T n-Octacosane (C28)	16.733	2584611	20.000 ug/ml
17) T n-Tricontane (C30)	17.619	2573207	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.450	2457034	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.232	2163820	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.970	1888135	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.689	1805134	20.000 ug/ml
22) T n-Tetracontane (C40)	21.568	1758895	20.000 ug/ml

(f)=RT Delta > 1/2 Window

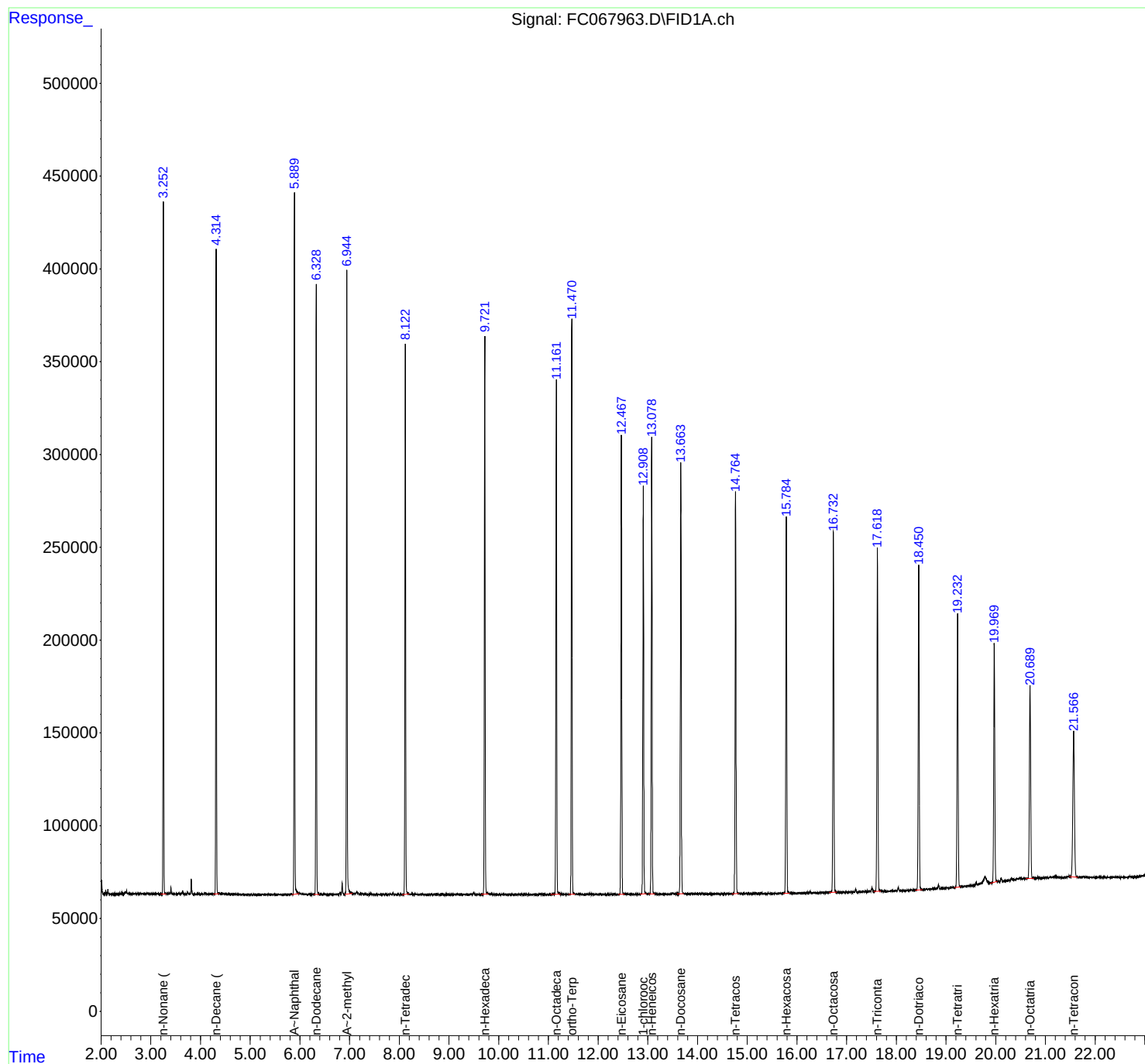
(m)=manual int.

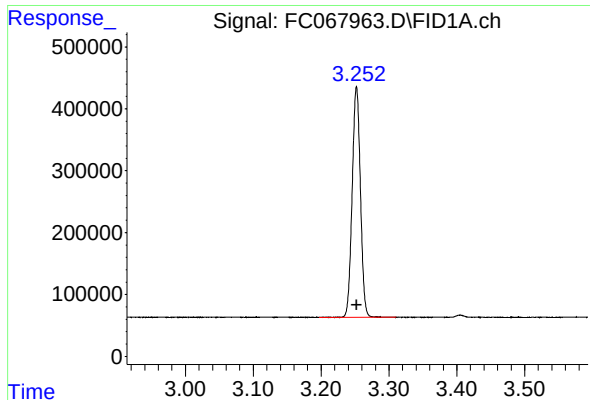
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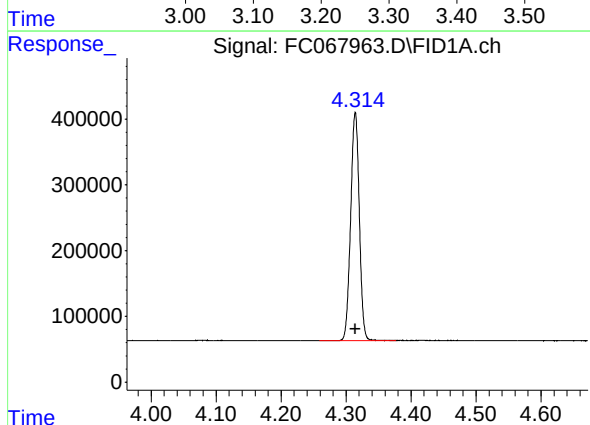




#1 n-Nonane (C9)

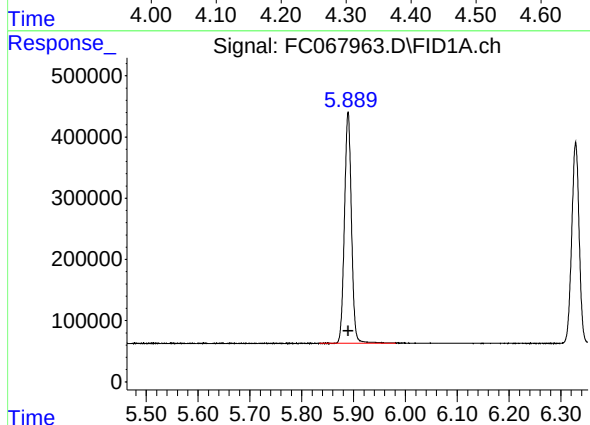
R.T.: 3.252 min
Delta R.T.: 0.000 min
Response: 3147958
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



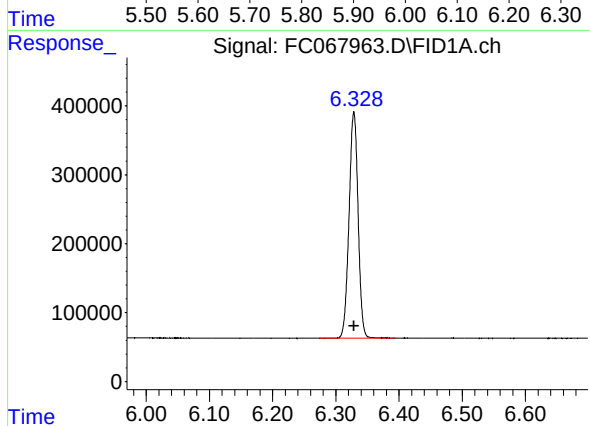
#2 n-Decane (C10)

R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 3214085
Conc: 20.00 ug/ml



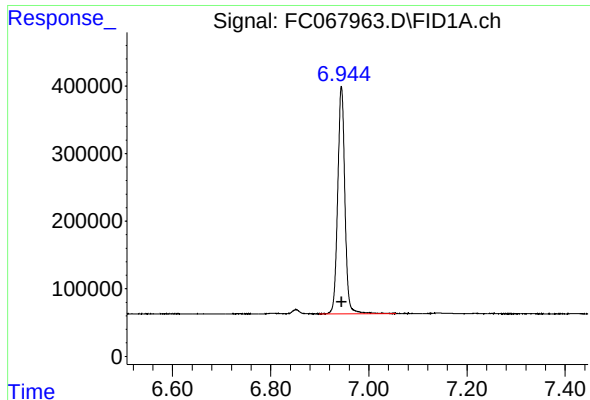
#3 A~Naphthalene (C11.7)

R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 3539917
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

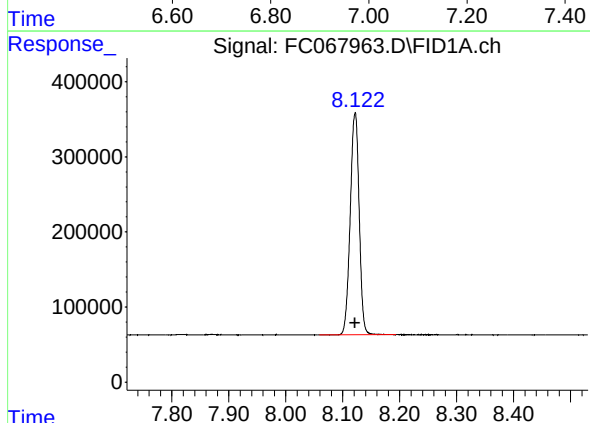
R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 3271530
Conc: 20.00 ug/ml



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

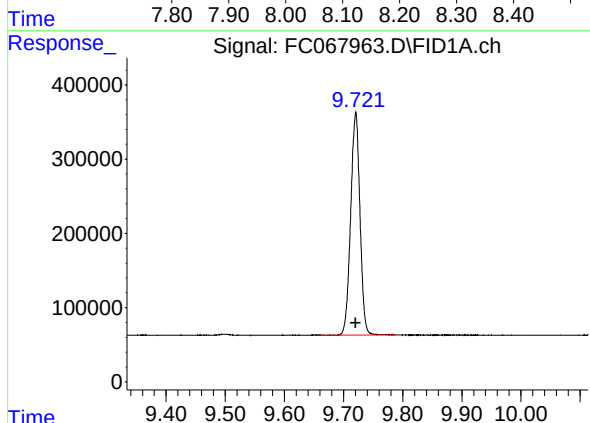
R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 3417082
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



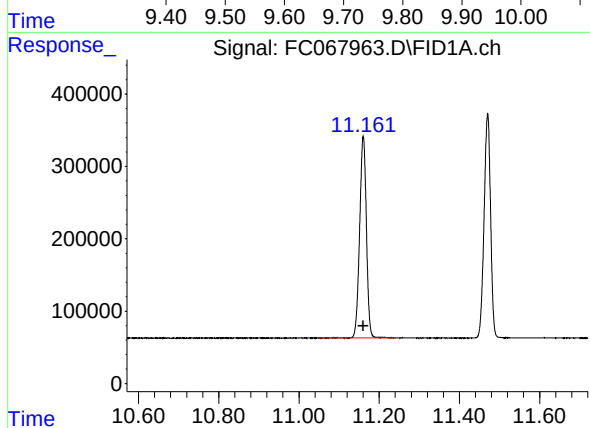
#6 n-Tetradecane (C14)

R.T.: 8.122 min
Delta R.T.: 0.000 min
Response: 3227885
Conc: 20.00 ug/ml



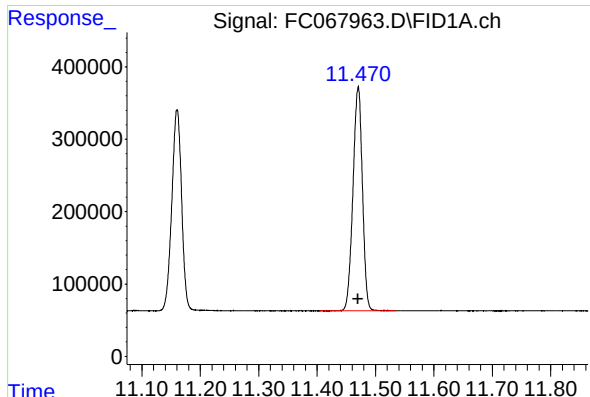
#7 n-Hexadecane (C16)

R.T.: 9.720 min
Delta R.T.: 0.000 min
Response: 3274539
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

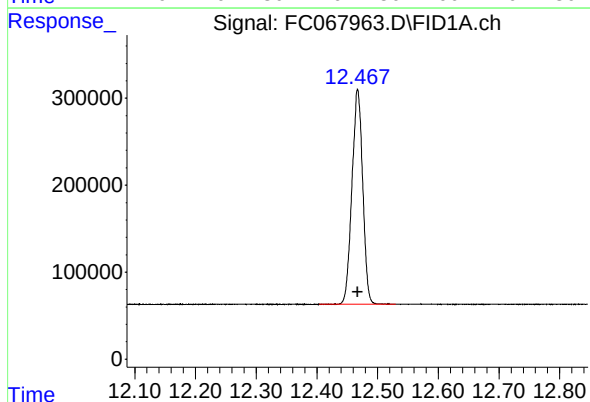
R.T.: 11.160 min
Delta R.T.: 0.000 min
Response: 3262121
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

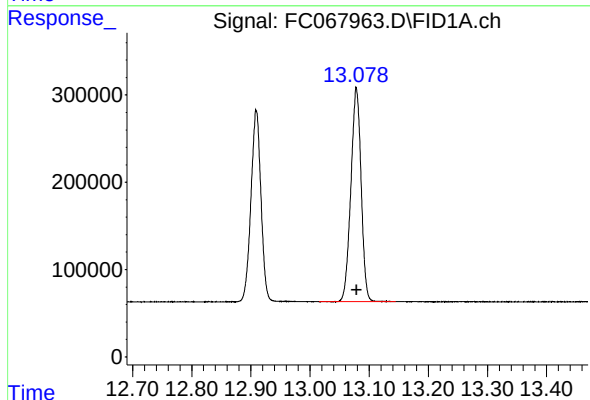
R.T.: 11.470 min
Delta R.T.: 0.000 min
Response: 3478796
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



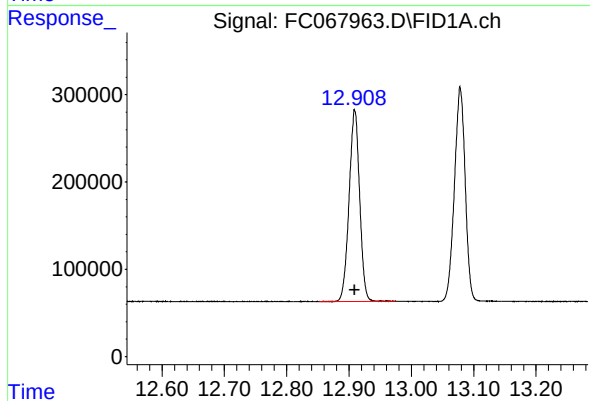
#10 n-Eicosane (C20)

R.T.: 12.467 min
Delta R.T.: 0.000 min
Response: 3040444
Conc: 20.00 ug/ml



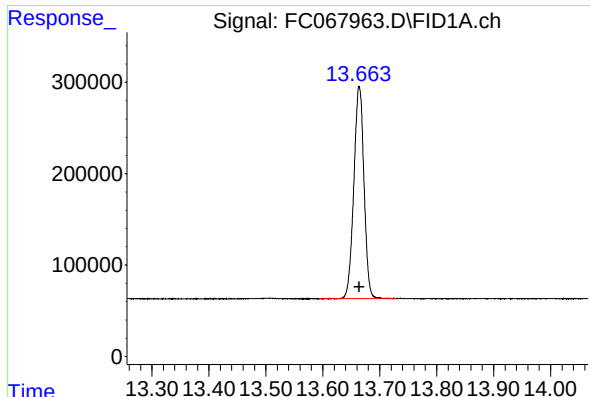
#11 n-Heneicosane (C21)

R.T.: 13.078 min
Delta R.T.: 0.000 min
Response: 2950289
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

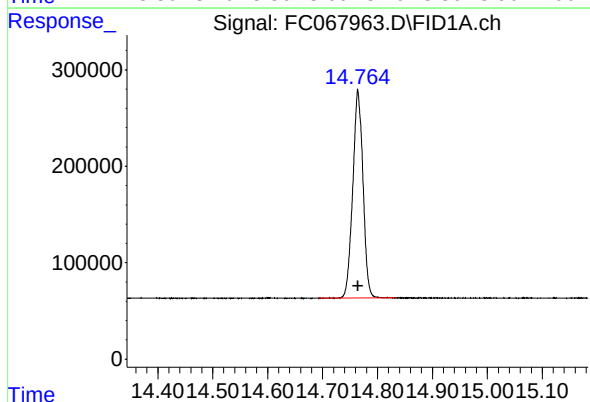
R.T.: 12.909 min
Delta R.T.: 0.000 min
Response: 2577301
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

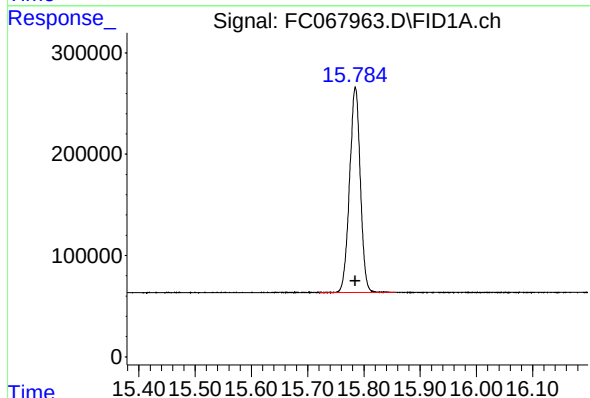
R.T.: 13.664 min
Delta R.T.: 0.000 min
Response: 2883779
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



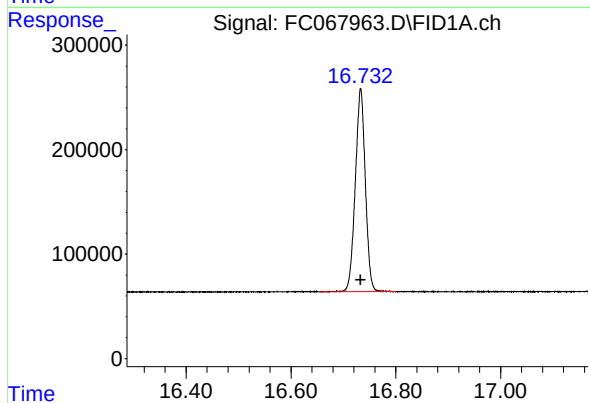
#14 n-Tetracosane (C24)

R.T.: 14.765 min
Delta R.T.: 0.000 min
Response: 2793059
Conc: 20.00 ug/ml



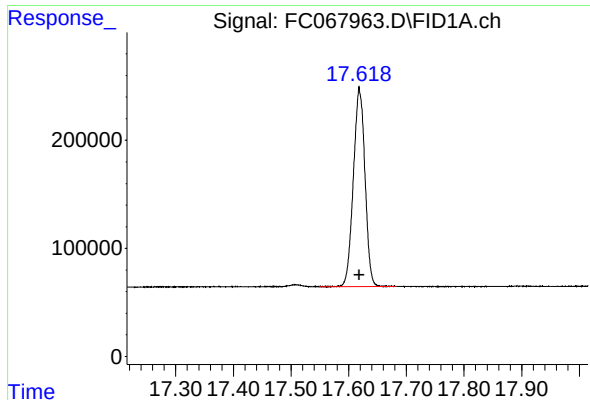
#15 n-Hexacosane (C26)

R.T.: 15.785 min
Delta R.T.: 0.000 min
Response: 2685455
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

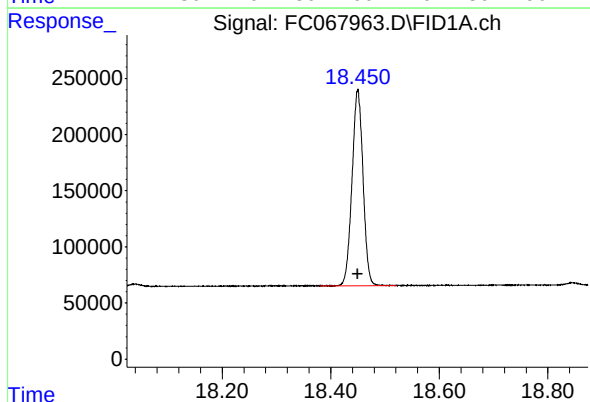
R.T.: 16.733 min
Delta R.T.: 0.000 min
Response: 2584611
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

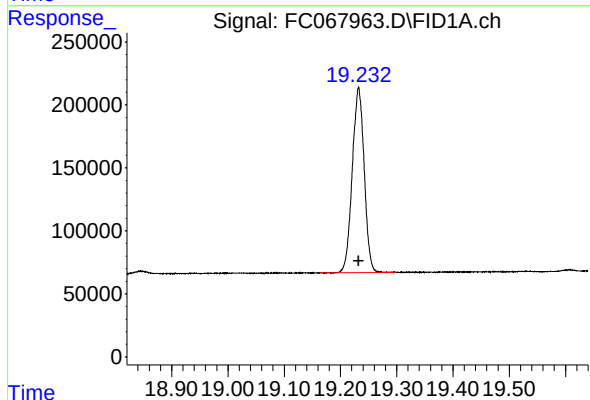
R.T.: 17.619 min
Delta R.T.: 0.000 min
Response: 2573207
Conc: 20.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD3



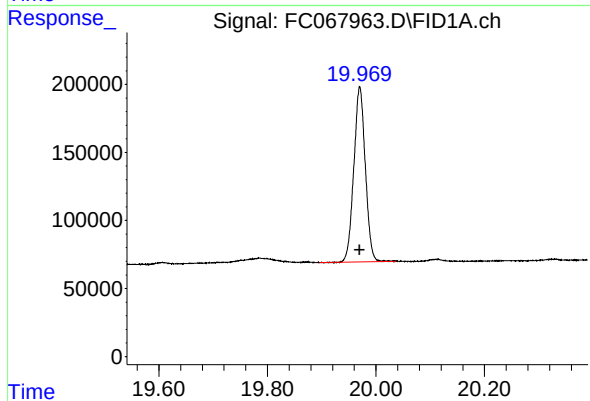
#18 n-Dotriacontane (C32)

R.T.: 18.450 min
Delta R.T.: 0.000 min
Response: 2457034
Conc: 20.00 ug/ml



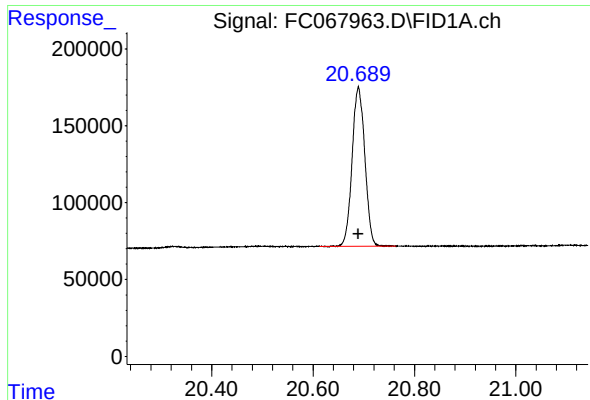
#19 n-Tetratriacontane (C34)

R.T.: 19.232 min
Delta R.T.: 0.000 min
Response: 2163820
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

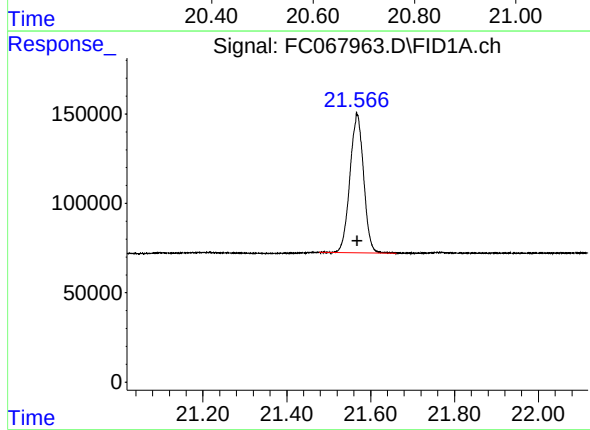
R.T.: 19.970 min
Delta R.T.: 0.000 min
Response: 1888135
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.689 min
Delta R.T.: 0.000 min
Response: 1805134
Conc: 20.00 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.568 min
Delta R.T.: 0.000 min
Response: 1758895
Conc: 20.00 ug/ml