

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031323AL\
 Data File : FC063162.D
 Signal(s) : FID1A.ch
 Acq On : 13 Mar 2023 14:19
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 14 03:34:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 2023
 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)	11.534	2709101	20.871 ug/ml
Spiked Amount 50.000		Recovery =	41.74%
12) S 1-chlorooctadecane (S...	12.973	2027583	20.786 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
Target Compounds			
1) T n-Nonane (C9)	3.291	2468042	20.817 ug/ml
2) T n-Decane (C10)	4.361	2433313	21.102 ug/ml
3) T A~Naphthalene (C11.7)	5.946	2683986	20.987 ug/ml
4) T n-Dodecane (C12)	6.383	2431928	21.060 ug/ml
5) T A~2-methylnaphthalene...	7.005	2499232	21.233 ug/ml
6) T n-Tetradecane (C14)	8.179	2403652	21.268 ug/ml
7) T n-Hexadecane (C16)	9.780	2435763	21.174 ug/ml
8) T n-Octadecane (C18)	11.222	2466020	21.172 ug/ml
10) T n-Eicosane (C20)	12.529	2405433	21.111 ug/ml
11) T n-Heneicosane (C21)	13.141	2404032	21.094 ug/ml
13) T n-Docosane (C22)	13.727	2370352	21.017 ug/ml
14) T n-Tetracosane (C24)	14.828	2393634	21.359 ug/ml
15) T n-Hexacosane (C26)	15.847	2391276	21.623 ug/ml
16) T n-Octacosane (C28)	16.795	2415668	21.954 ug/ml
17) T n-Tricontane (C30)	17.681	2482550	22.543 ug/ml
18) T n-Dotriacontane (C32)	18.512	2537799	22.739 ug/ml
19) T n-Tetratriacontane (C34)	19.294	2489411	22.274 ug/ml
20) T n-Hexatriacontane (C36)	20.032	2367658	21.811 ug/ml
21) T n-Octatriacontane (C38)	20.763	2339731	21.531 ug/ml
22) T n-Tetracontane (C40)	21.659	2294701	21.093 ug/ml

(f)=RT Delta > 1/2 Window

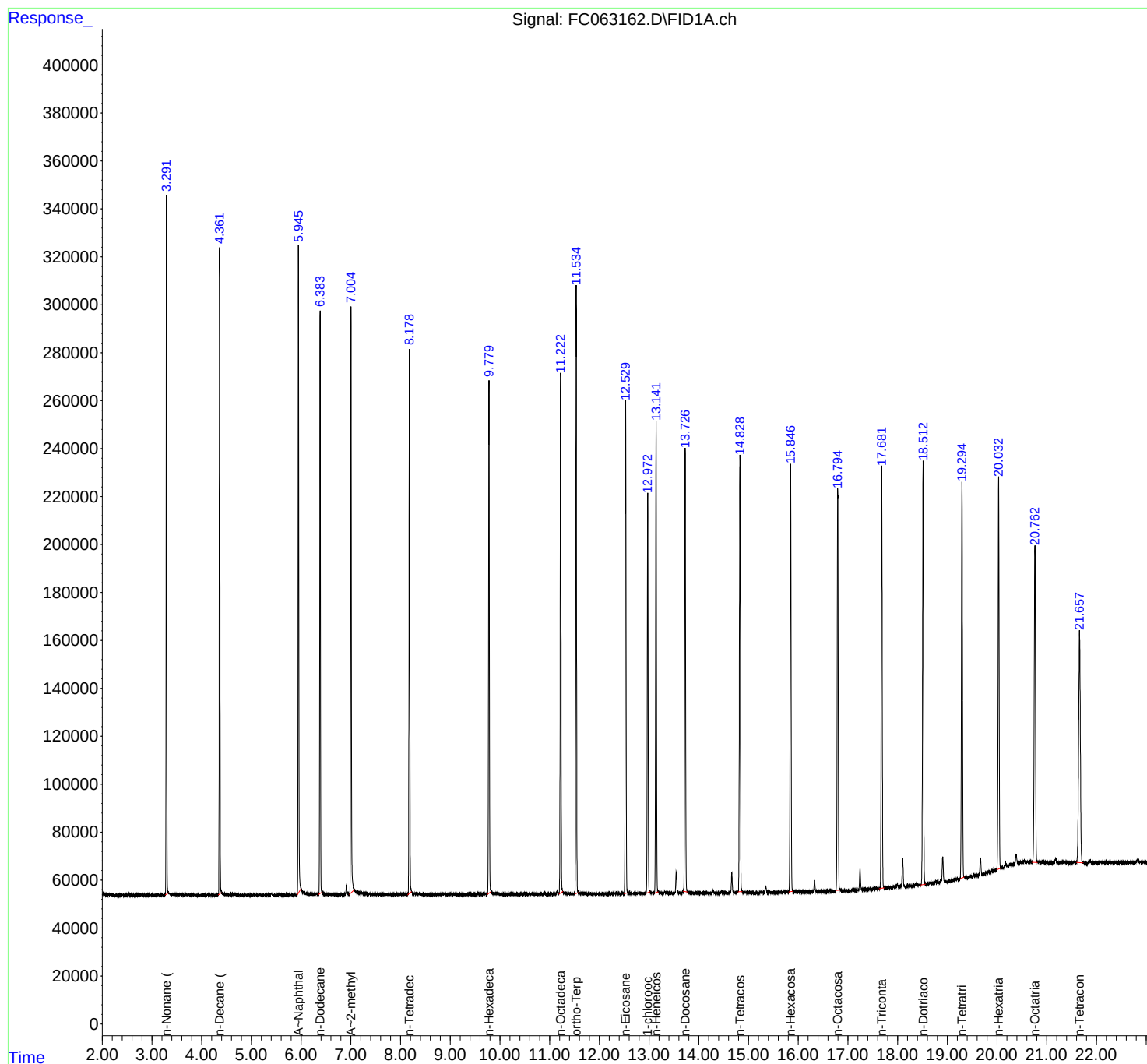
(m)=manual int.

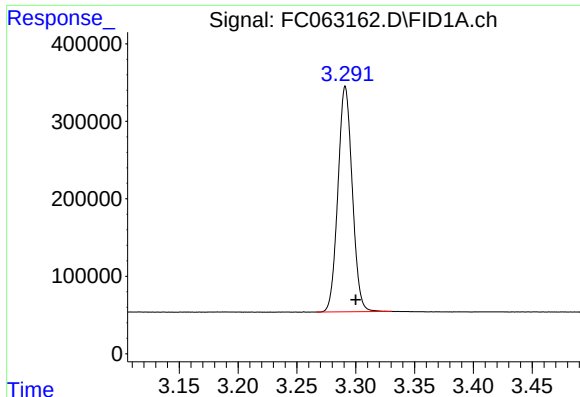
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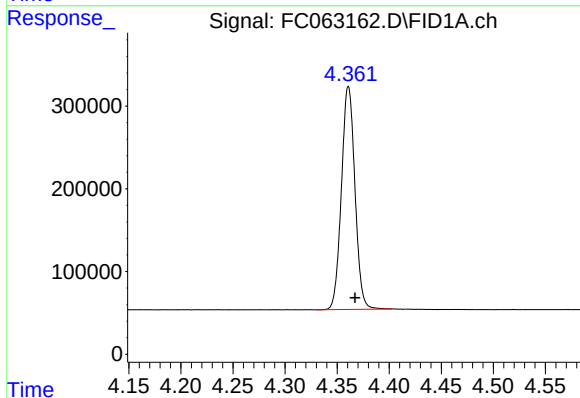




#1 n-Nonane (C9)

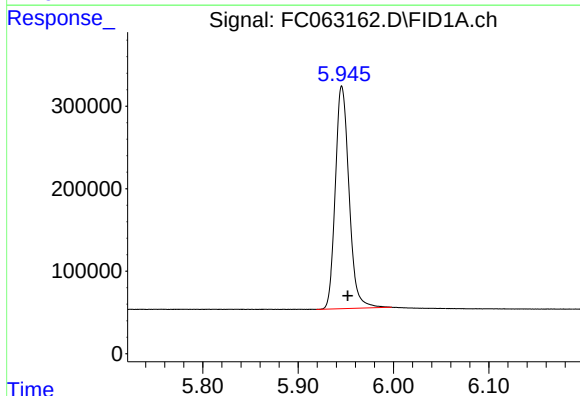
R.T.: 3.291 min
Delta R.T.: -0.009 min
Response: 2468042
Conc: 20.82 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



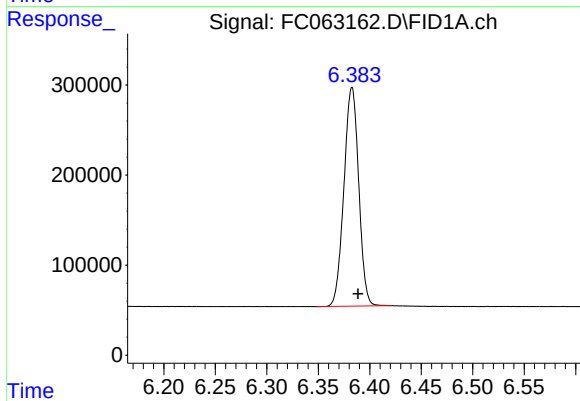
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.006 min
Response: 2433313
Conc: 21.10 ug/ml



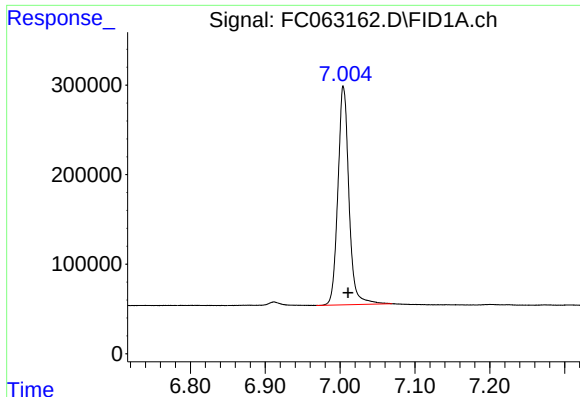
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.006 min
Response: 2683986
Conc: 20.99 ug/ml



#4 n-Dodecane (C12)

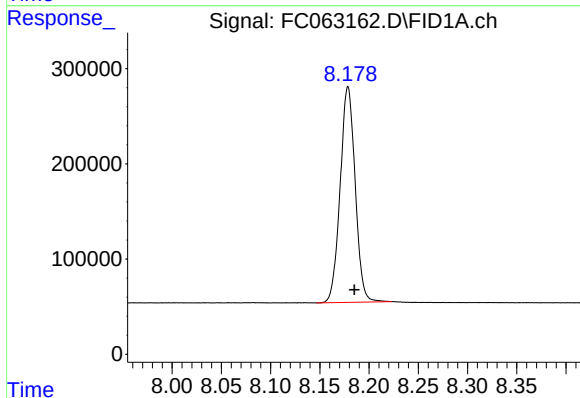
R.T.: 6.383 min
Delta R.T.: -0.006 min
Response: 2431928
Conc: 21.06 ug/ml



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

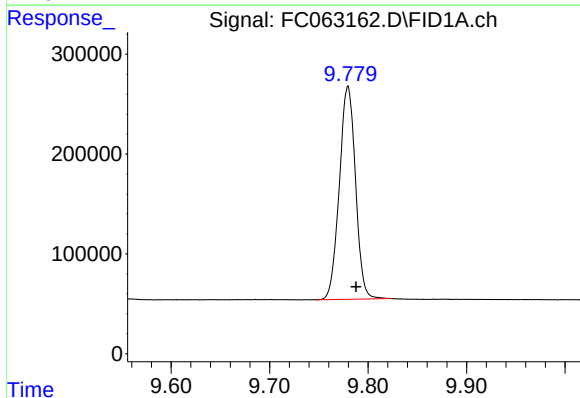
R.T.: 7.005 min
Delta R.T.: -0.006 min
Response: 2499232
Conc: 21.23 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



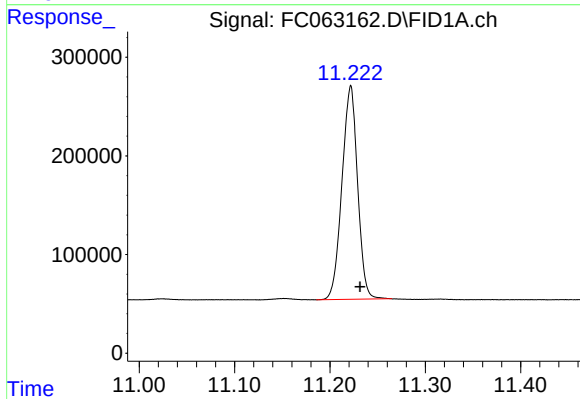
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: -0.007 min
Response: 2403652
Conc: 21.27 ug/ml



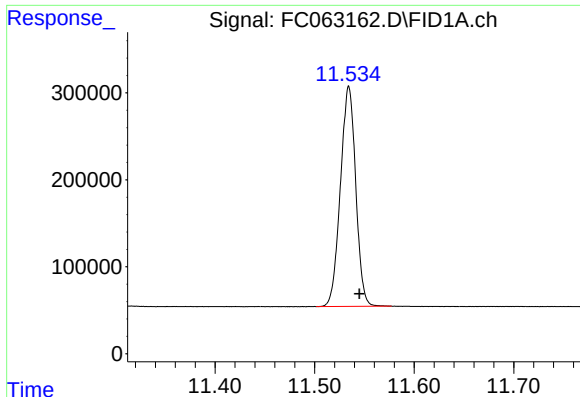
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.008 min
Response: 2435763
Conc: 21.17 ug/ml



#8 n-Octadecane (C18)

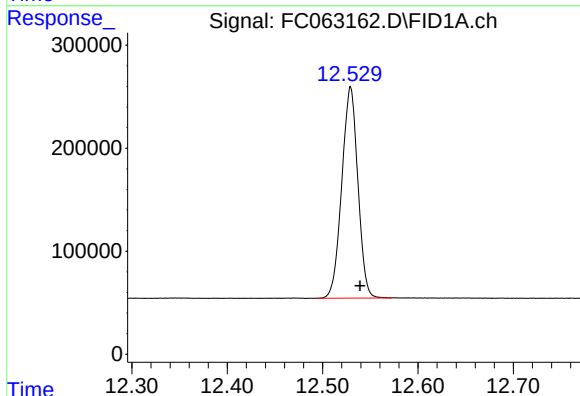
R.T.: 11.222 min
Delta R.T.: -0.010 min
Response: 2466020
Conc: 21.17 ug/ml



#9 ortho-Terphenyl (SURR)

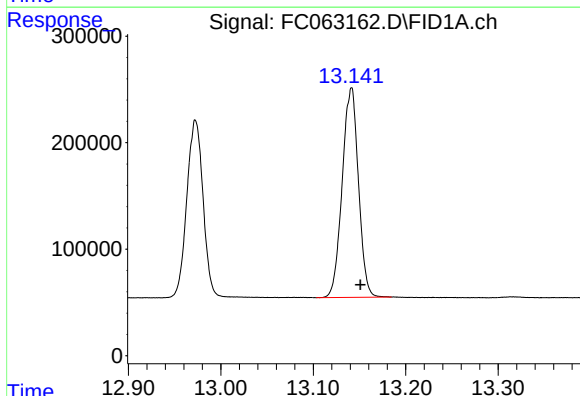
R.T.: 11.534 min
Delta R.T.: -0.011 min
Response: 2709101
Conc: 20.87 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



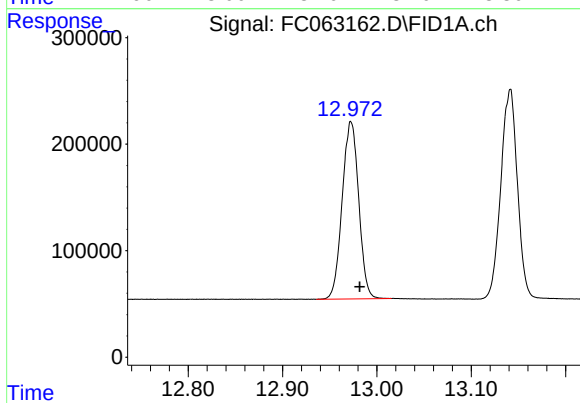
#10 n-Eicosane (C20)

R.T.: 12.529 min
Delta R.T.: -0.010 min
Response: 2405433
Conc: 21.11 ug/ml



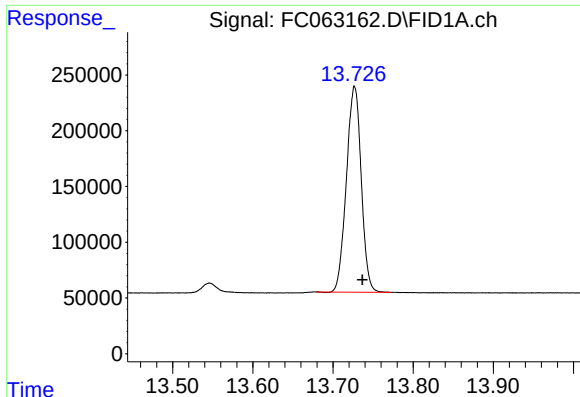
#11 n-Heneicosane (C21)

R.T.: 13.141 min
Delta R.T.: -0.010 min
Response: 2404032
Conc: 21.09 ug/ml



#12 1-chlorooctadecane (SURR)

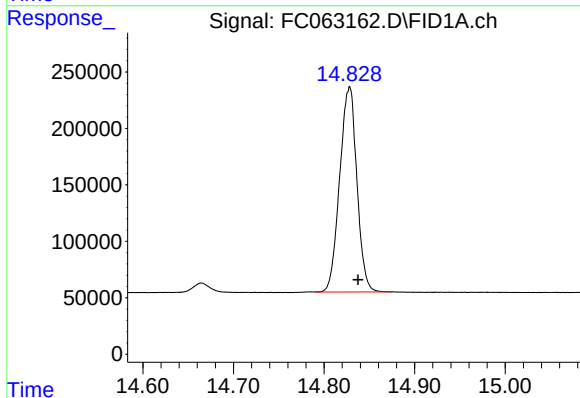
R.T.: 12.973 min
Delta R.T.: -0.009 min
Response: 2027583
Conc: 20.79 ug/ml



#13 n-Docosane (C22)

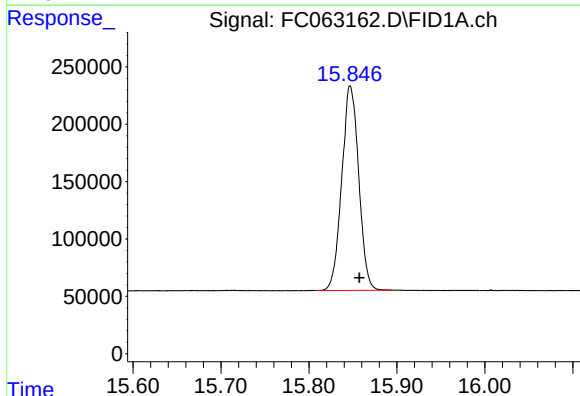
R.T.: 13.727 min
Delta R.T.: -0.010 min
Response: 2370352
Conc: 21.02 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



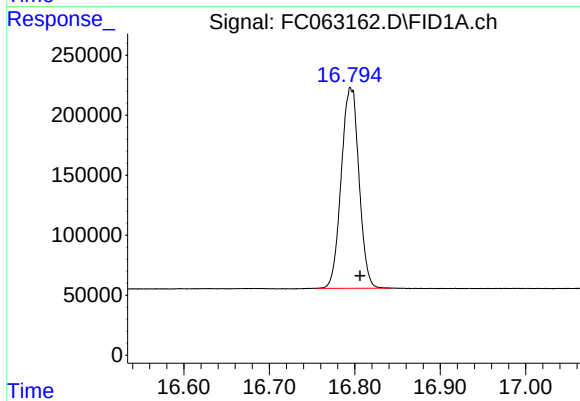
#14 n-Tetracosane (C24)

R.T.: 14.828 min
Delta R.T.: -0.009 min
Response: 2393634
Conc: 21.36 ug/ml



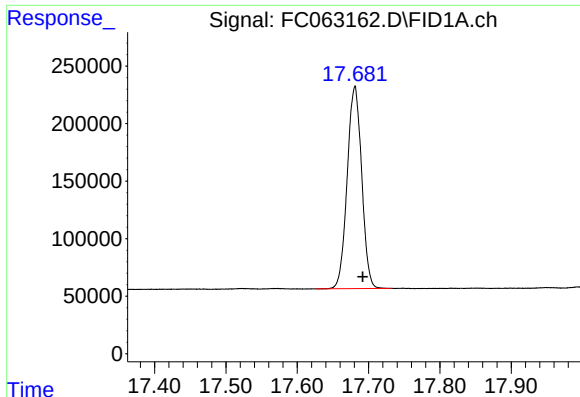
#15 n-Hexacosane (C26)

R.T.: 15.847 min
Delta R.T.: -0.010 min
Response: 2391276
Conc: 21.62 ug/ml



#16 n-Octacosane (C28)

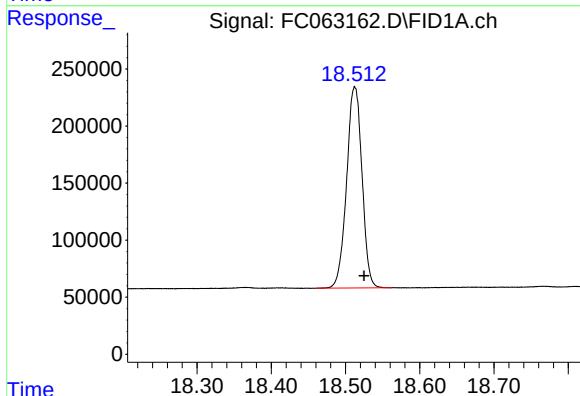
R.T.: 16.795 min
Delta R.T.: -0.011 min
Response: 2415668
Conc: 21.95 ug/ml



#17 n-Tricontane (C30)

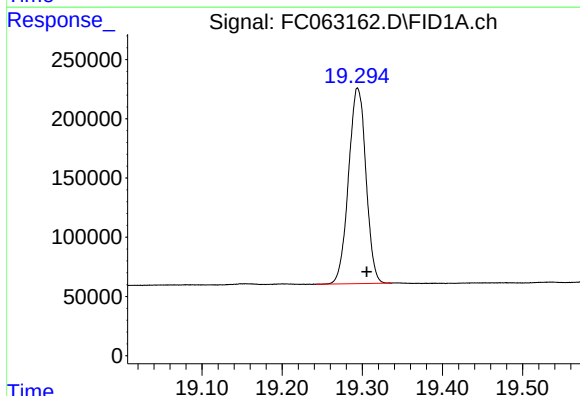
R.T.: 17.681 min
Delta R.T.: -0.011 min
Response: 2482550
Conc: 22.54 ug/ml

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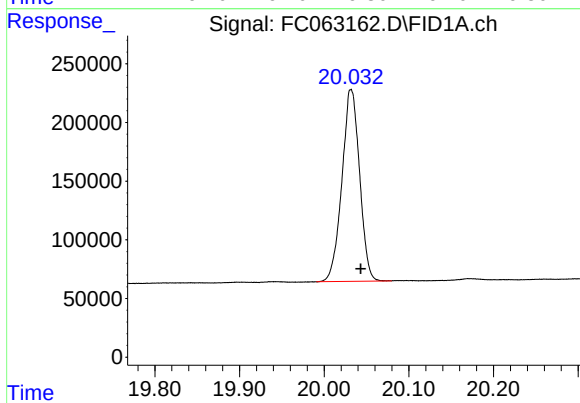
#18 n-Dotriacontane (C32)

R.T.: 18.512 min
Delta R.T.: -0.012 min
Response: 2537799
Conc: 22.74 ug/ml



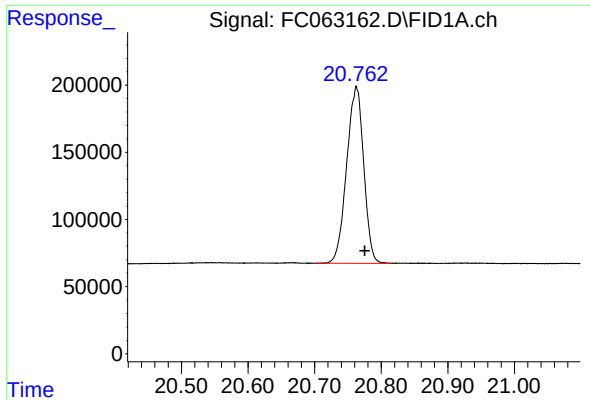
#19 n-Tetratriacontane (C34)

R.T.: 19.294 min
Delta R.T.: -0.011 min
Response: 2489411
Conc: 22.27 ug/ml



#20 n-Hexatriacontane (C36)

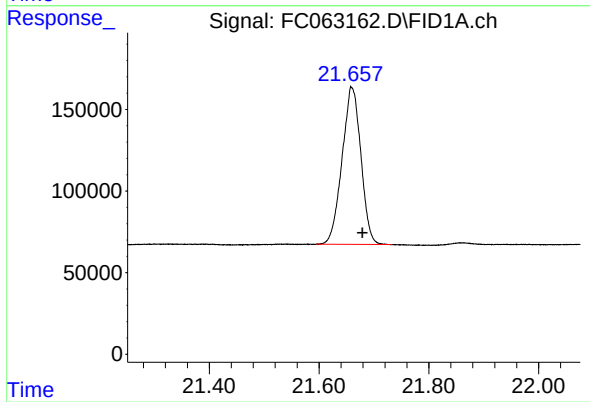
R.T.: 20.032 min
Delta R.T.: -0.011 min
Response: 2367658
Conc: 21.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.763 min
Delta R.T.: -0.012 min
Response: 2339731
Conc: 21.53 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.659 min
Delta R.T.: -0.020 min
Response: 2294701
Conc: 21.09 ug/ml