

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071524AL\
 Data File : FC066797.D
 Signal(s) : FID1A.ch
 Acq On : 15 Jul 2024 16:36
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 15 17:16:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 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)	11.522	3068725	19.933 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
12) S 1-chlorooctadecane (S...	12.962	2240046	20.033 ug/ml
Spiked Amount 50.000		Recovery =	40.07%
Target Compounds			
1) T n-Nonane (C9)	3.288	2912115	20.523 ug/ml
2) T n-Decane (C10)	4.354	2982936	20.178 ug/ml
3) T A~Naphthalene (C11.7)	5.935	3215521	20.135 ug/ml
4) T n-Dodecane (C12)	6.373	2984984	19.911 ug/ml
5) T A~2-methylnaphthalene...	6.992	3067025	20.006 ug/ml
6) T n-Tetradecane (C14)	8.168	2903481	19.844 ug/ml
7) T n-Hexadecane (C16)	9.768	2973001	19.864 ug/ml
8) T n-Octadecane (C18)	11.210	2940639	19.816 ug/ml
10) T n-Eicosane (C20)	12.519	2772897	19.894 ug/ml
11) T n-Heneicosane (C21)	13.130	2709854	19.895 ug/ml
13) T n-Docosane (C22)	13.716	2673419	19.903 ug/ml
14) T n-Tetracosane (C24)	14.818	2650168	19.924 ug/ml
15) T n-Hexacosane (C26)	15.840	2597148	19.960 ug/ml
16) T n-Octacosane (C28)	16.789	2554261	20.247 ug/ml
17) T n-Tricontane (C30)	17.675	2630508	20.456 ug/ml
18) T n-Dotriacontane (C32)	18.508	2579753	20.492 ug/ml
19) T n-Tetratriacontane (C34)	19.292	2497221	20.185 ug/ml
20) T n-Hexatriacontane (C36)	20.031	2311834	19.874 ug/ml
21) T n-Octatriacontane (C38)	20.760	2205476	19.850 ug/ml
22) T n-Tetracontane (C40)	21.657	2072480	19.064 ug/ml

(f)=RT Delta > 1/2 Window

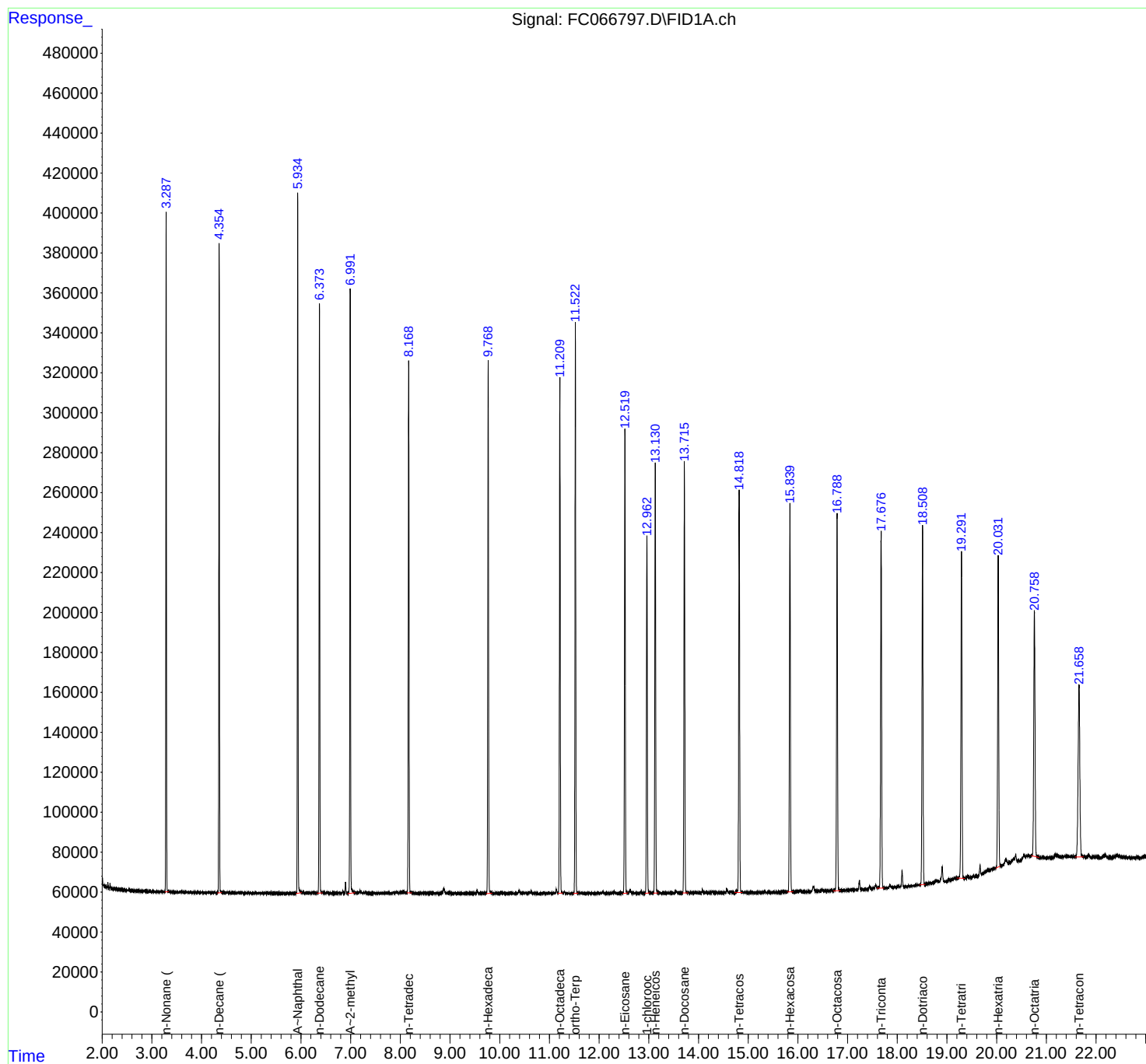
(m)=manual int.

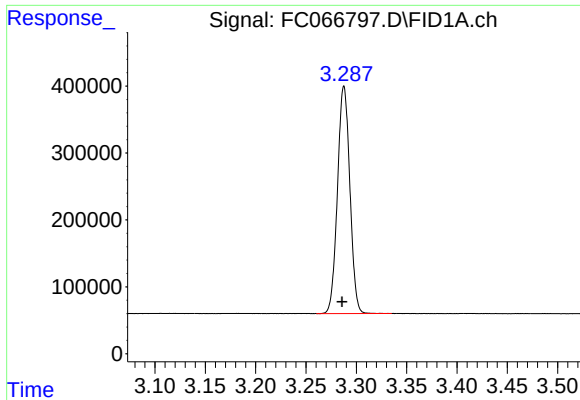
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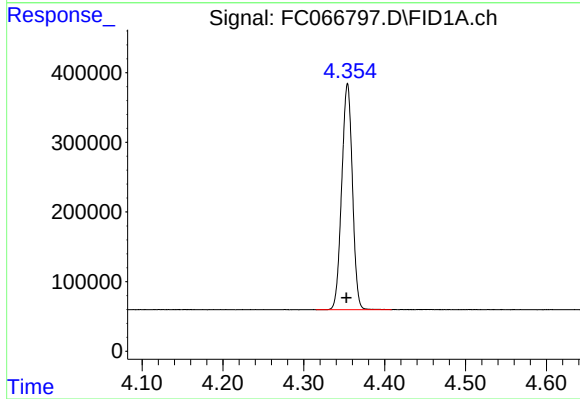




#1 n-Nonane (C9)

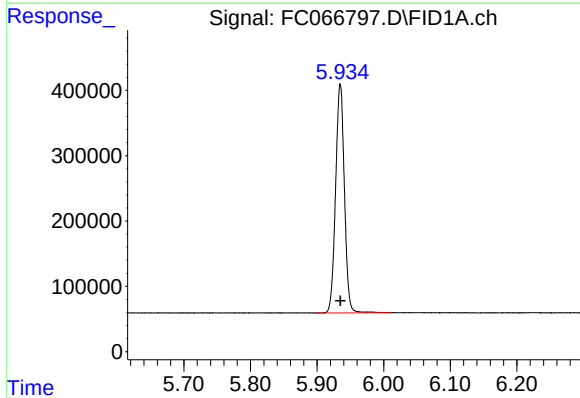
R.T.: 3.288 min
Delta R.T.: 0.002 min
Response: 2912115
Conc: 20.52 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



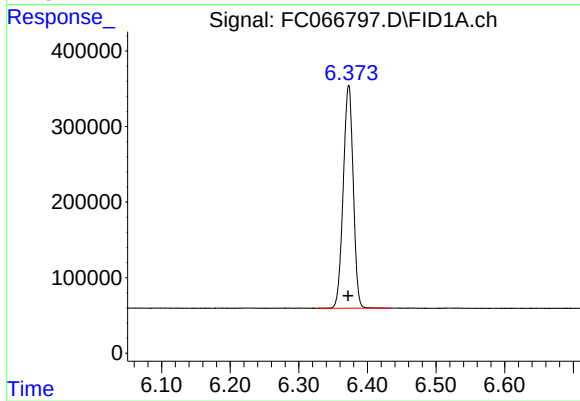
#2 n-Decane (C10)

R.T.: 4.354 min
Delta R.T.: 0.001 min
Response: 2982936
Conc: 20.18 ug/ml



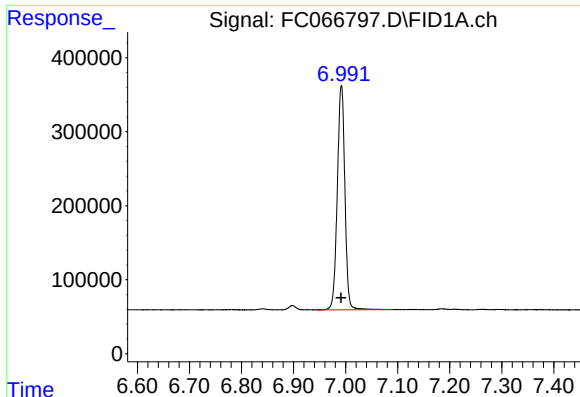
#3 A~Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 3215521
Conc: 20.14 ug/ml



#4 n-Dodecane (C12)

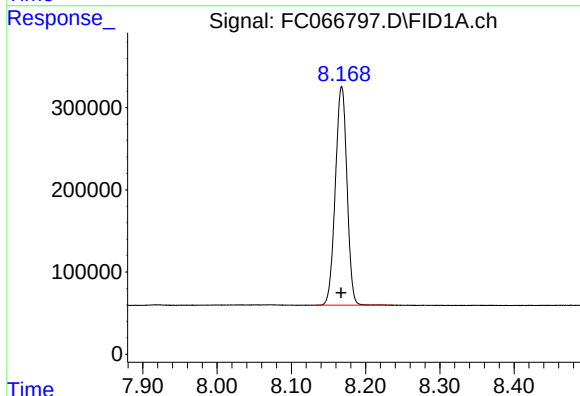
R.T.: 6.373 min
Delta R.T.: 0.000 min
Response: 2984984
Conc: 19.91 ug/ml



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

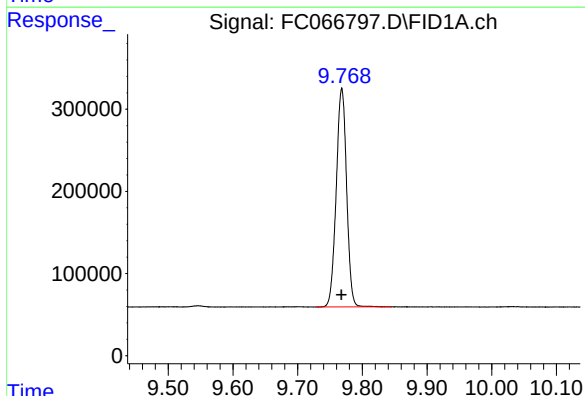
R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 3067025
Conc: 20.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



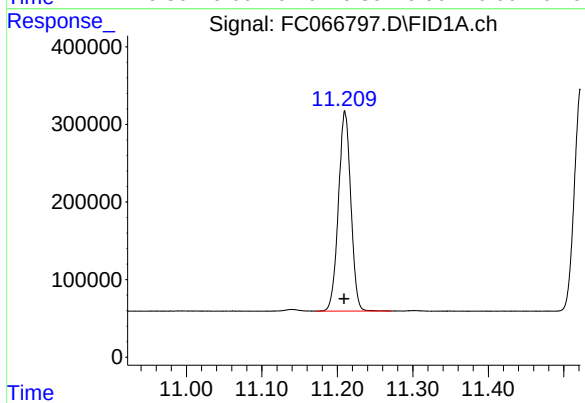
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: 0.000 min
Response: 2903481
Conc: 19.84 ug/ml



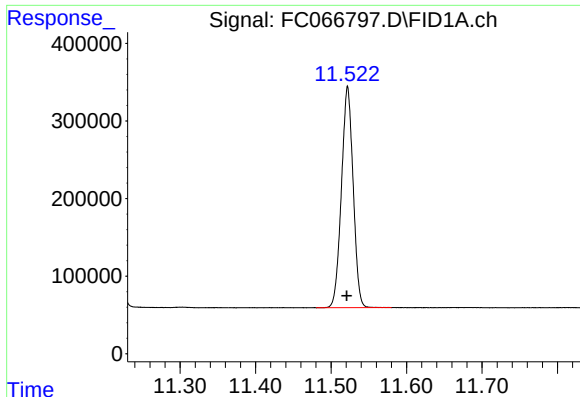
#7 n-Hexadecane (C16)

R.T.: 9.768 min
Delta R.T.: 0.000 min
Response: 2973001
Conc: 19.86 ug/ml



#8 n-Octadecane (C18)

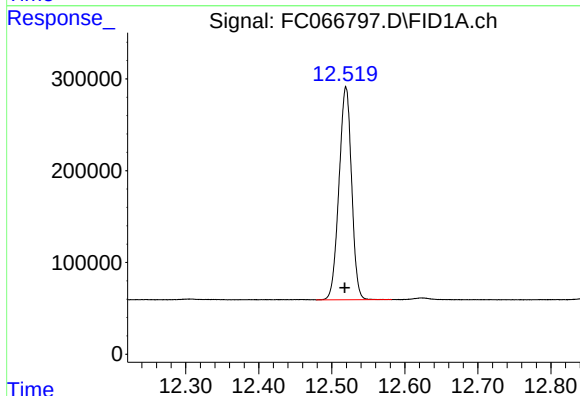
R.T.: 11.210 min
Delta R.T.: 0.001 min
Response: 2940639
Conc: 19.82 ug/ml



#9 ortho-Terphenyl (SURR)

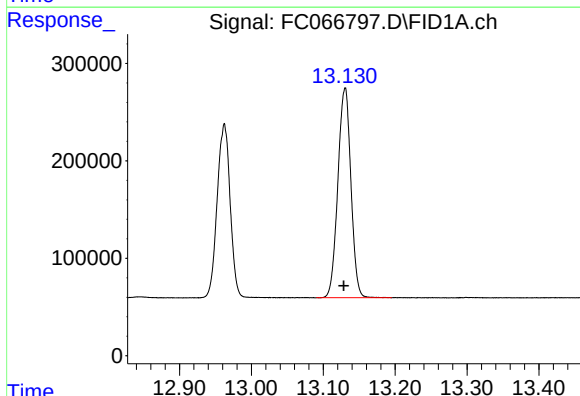
R.T.: 11.522 min
Delta R.T.: 0.001 min
Response: 3068725
Conc: 19.93 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



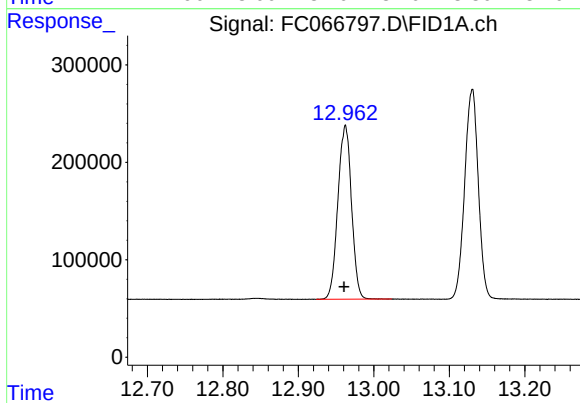
#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: 0.001 min
Response: 2772897
Conc: 19.89 ug/ml



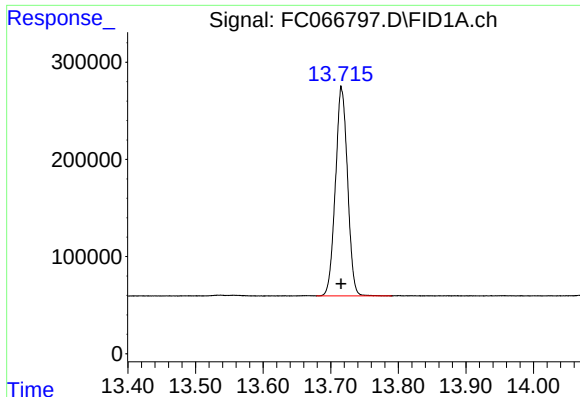
#11 n-Heneicosane (C21)

R.T.: 13.130 min
Delta R.T.: 0.002 min
Response: 2709854
Conc: 19.89 ug/ml



#12 1-chlorooctadecane (SURR)

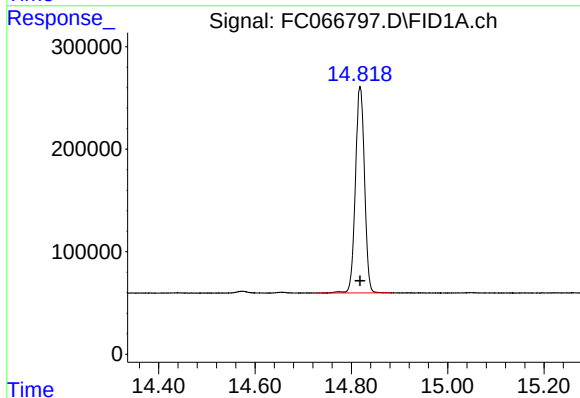
R.T.: 12.962 min
Delta R.T.: 0.001 min
Response: 2240046
Conc: 20.03 ug/ml



#13 n-Docosane (C22)

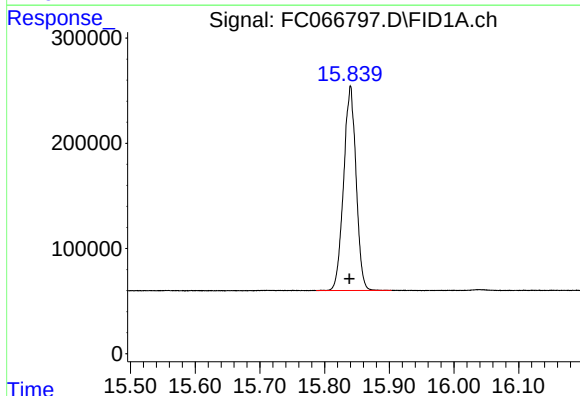
R.T.: 13.716 min
Delta R.T.: 0.000 min
Response: 2673419
Conc: 19.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



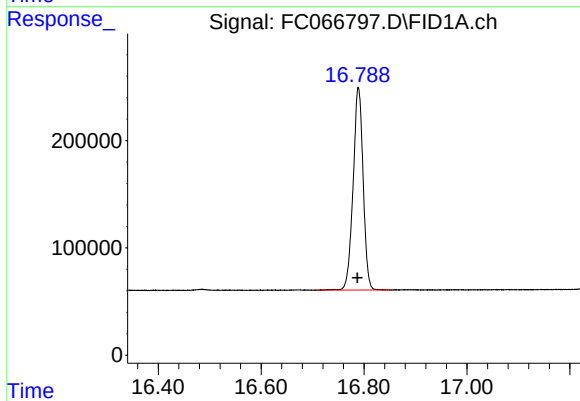
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: 0.000 min
Response: 2650168
Conc: 19.92 ug/ml



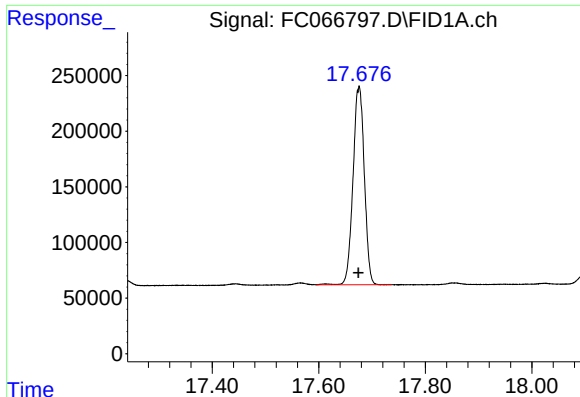
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: 0.001 min
Response: 2597148
Conc: 19.96 ug/ml



#16 n-Octacosane (C28)

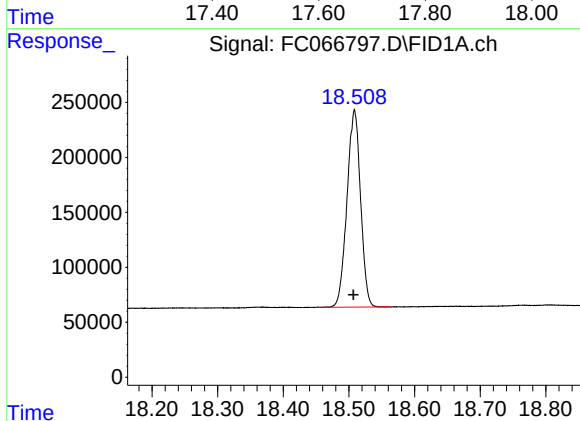
R.T.: 16.789 min
Delta R.T.: 0.002 min
Response: 2554261
Conc: 20.25 ug/ml



#17 n-Tricontane (C30)

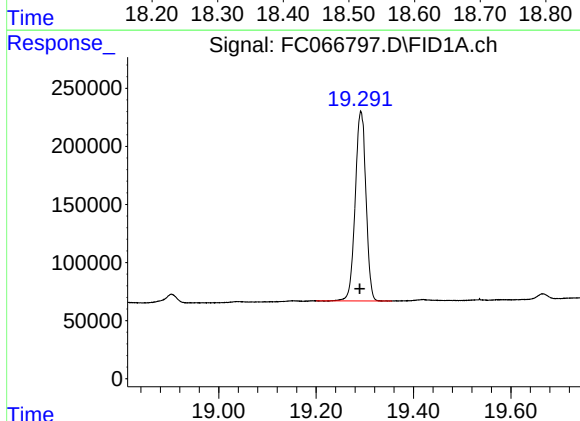
R.T.: 17.675 min
Delta R.T.: 0.001 min
Response: 2630508
Conc: 20.46 ug/ml

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20 PPM ALIPHATIC HC STD



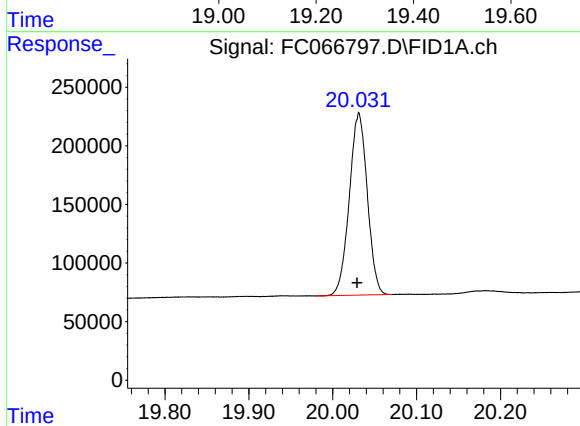
#18 n-Dotriacontane (C32)

R.T.: 18.508 min
Delta R.T.: 0.001 min
Response: 2579753
Conc: 20.49 ug/ml



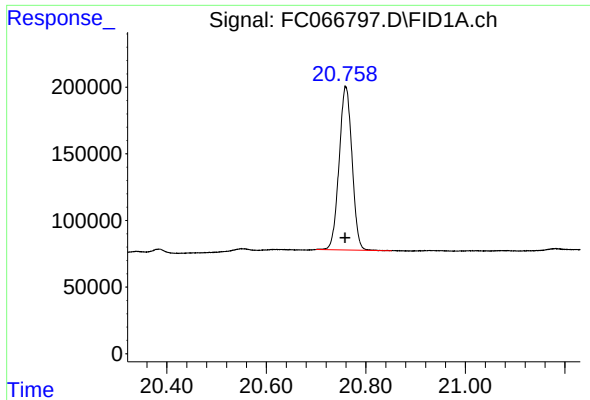
#19 n-Tetratriacontane (C34)

R.T.: 19.292 min
Delta R.T.: 0.002 min
Response: 2497221
Conc: 20.19 ug/ml



#20 n-Hexatriacontane (C36)

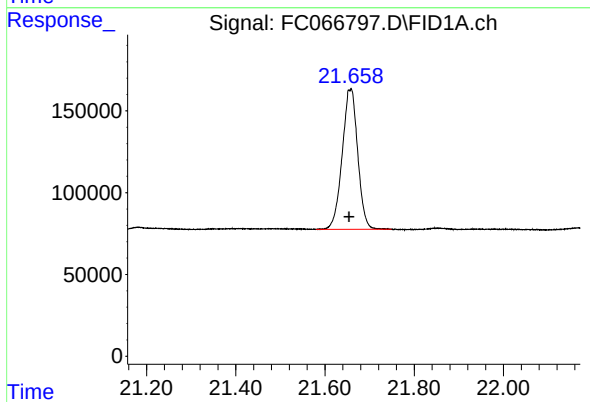
R.T.: 20.031 min
Delta R.T.: 0.002 min
Response: 2311834
Conc: 19.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.760 min
Delta R.T.: 0.001 min
Response: 2205476
Conc: 19.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.657 min
Delta R.T.: 0.003 min
Response: 2072480
Conc: 19.06 ug/ml