

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092722AL\
 Data File : FC061625.D
 Signal(s) : FID1A.ch
 Acq On : 27 Sep 2022 10:22
 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: sample.E
 Quant Time: Sep 28 03:05:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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)	11.573	3180700	18.612 ug/ml
Spiked Amount 50.000		Recovery =	37.22%
12) S 1-chlorooctadecane (S...	13.011	2505212	18.338 ug/ml
Spiked Amount 50.000		Recovery =	36.68%
Target Compounds			
1) T n-Nonane (C9)	3.332	2838206	19.014 ug/ml
2) T n-Decane (C10)	4.399	2863284	18.982 ug/ml
3) T A~Naphthalene (C11.7)	5.982	3153315	19.015 ug/ml
4) T n-Dodecane (C12)	6.416	2854533	18.772 ug/ml
5) T A~2-methylnaphthalene...	7.038	3097324	18.829 ug/ml
6) T n-Tetradecane (C14)	8.213	2844533	18.658 ug/ml
7) T n-Hexadecane (C16)	9.814	2877291	18.608 ug/ml
8) T n-Octadecane (C18)	11.257	2930163	18.587 ug/ml
10) T n-Eicosane (C20)	12.565	2938352	18.439 ug/ml
11) T n-Heneicosane (C21)	13.178	2943499	18.347 ug/ml
13) T n-Docosane (C22)	13.764	2945948	18.336 ug/ml
14) T n-Tetracosane (C24)	14.867	2905516	18.138 ug/ml
15) T n-Hexacosane (C26)	15.887	2854028	18.003 ug/ml
16) T n-Octacosane (C28)	16.836	2803807	18.089 ug/ml
17) T n-Tricontane (C30)	17.724	2883385	18.737 ug/ml
18) T n-Dotriacontane (C32)	18.556	2865144	18.949 ug/ml
19) T n-Tetratriacontane (C34)	19.338	2623077	18.500 ug/ml
20) T n-Hexatriacontane (C36)	20.077	2467114	17.870 ug/ml
21) T n-Octatriacontane (C38)	20.810	2329746	17.990 ug/mlm
22) T n-Tetracontane (C40)	21.719	2209889	18.083 ug/ml

(f)=RT Delta > 1/2 Window

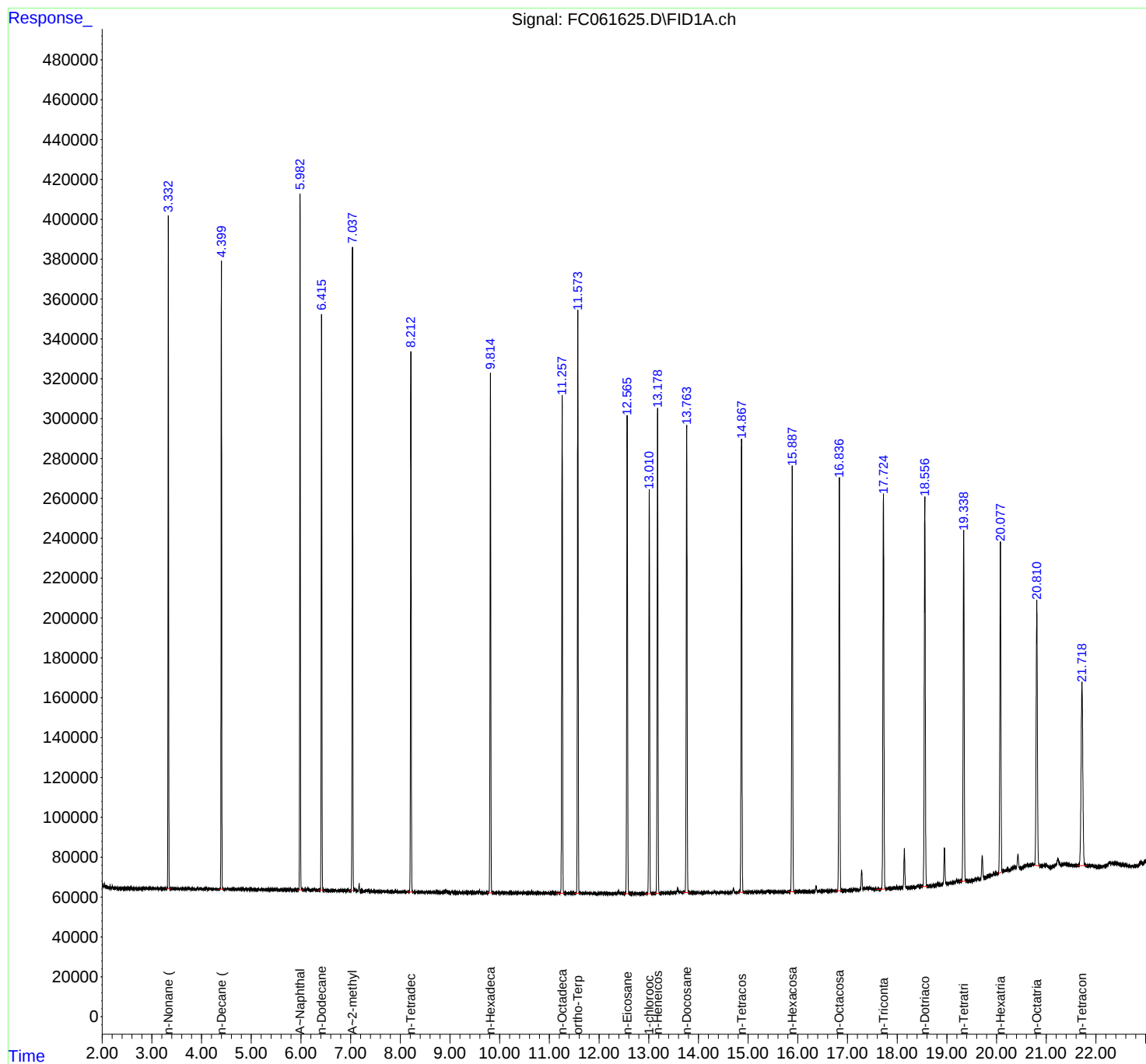
(m)=manual int.

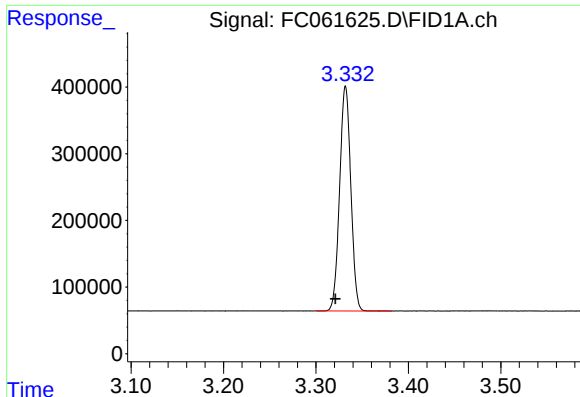
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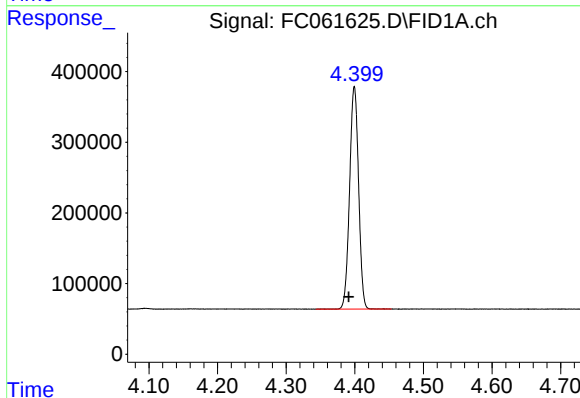




#1 n-Nonane (C9)

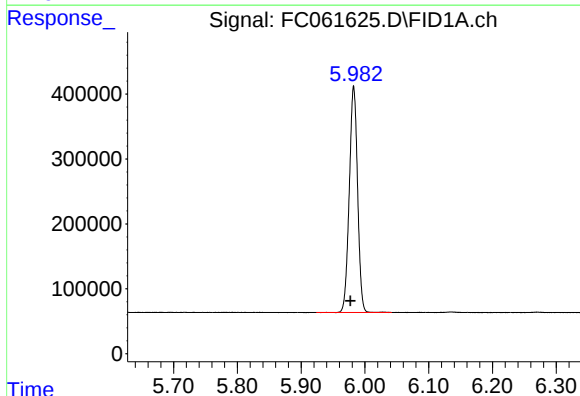
R.T.: 3.332 min
Delta R.T.: 0.011 min
Response: 2838206
Conc: 19.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



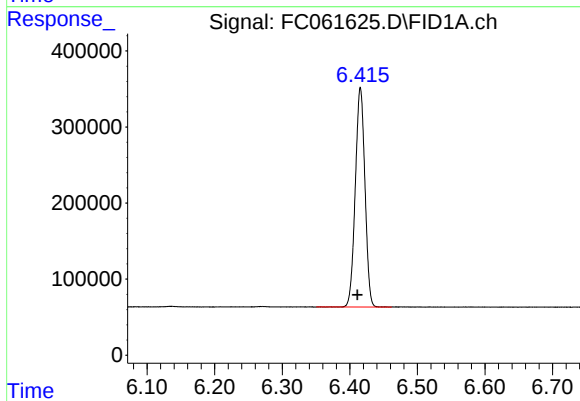
#2 n-Decane (C10)

R.T.: 4.399 min
Delta R.T.: 0.008 min
Response: 2863284
Conc: 18.98 ug/ml



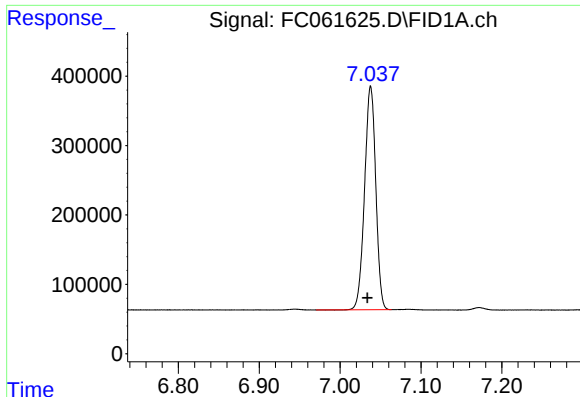
#3 A~Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: 0.005 min
Response: 3153315
Conc: 19.01 ug/ml



#4 n-Dodecane (C12)

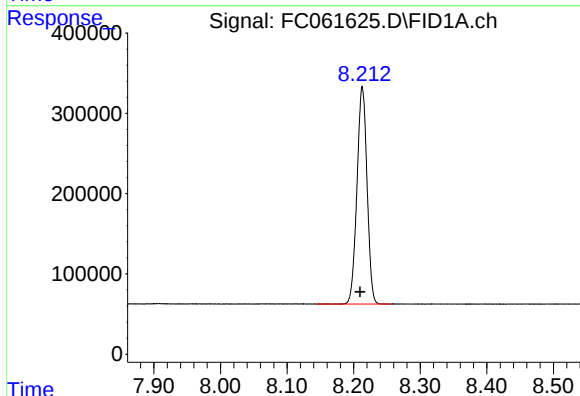
R.T.: 6.416 min
Delta R.T.: 0.005 min
Response: 2854533
Conc: 18.77 ug/ml



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

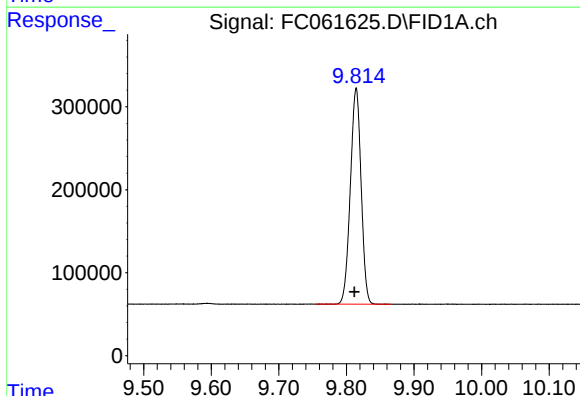
R.T.: 7.038 min
Delta R.T.: 0.004 min
Response: 3097324
Conc: 18.83 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



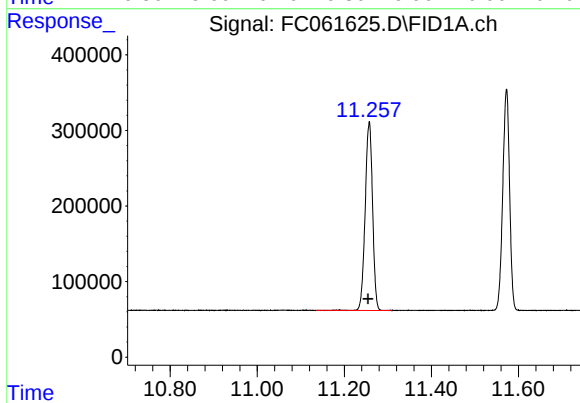
#6 n-Tetradecane (C14)

R.T.: 8.213 min
Delta R.T.: 0.003 min
Response: 2844533
Conc: 18.66 ug/ml



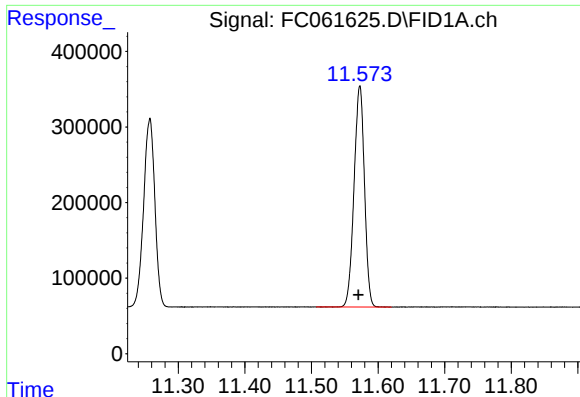
#7 n-Hexadecane (C16)

R.T.: 9.814 min
Delta R.T.: 0.002 min
Response: 2877291
Conc: 18.61 ug/ml



#8 n-Octadecane (C18)

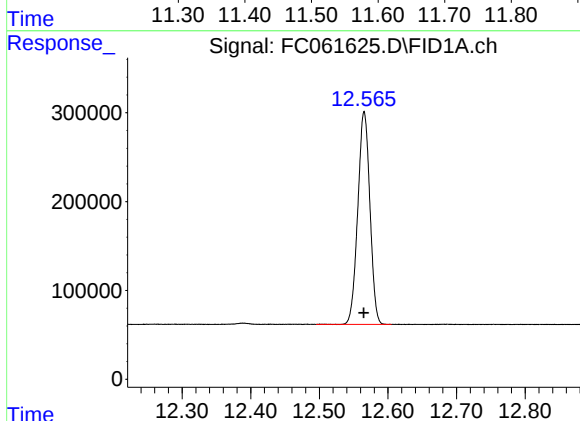
R.T.: 11.257 min
Delta R.T.: 0.002 min
Response: 2930163
Conc: 18.59 ug/ml



#9 ortho-Terphenyl (SURR)

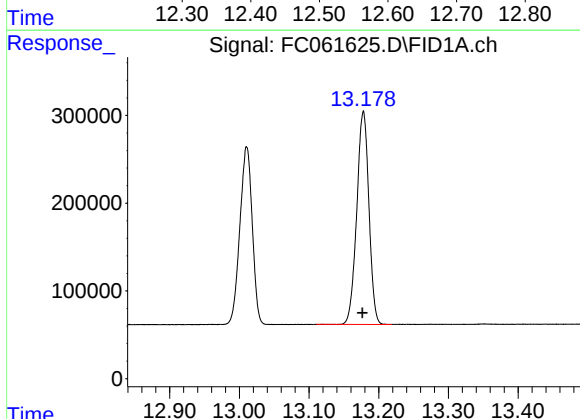
R.T.: 11.573 min
Delta R.T.: 0.002 min
Response: 3180700
Conc: 18.61 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



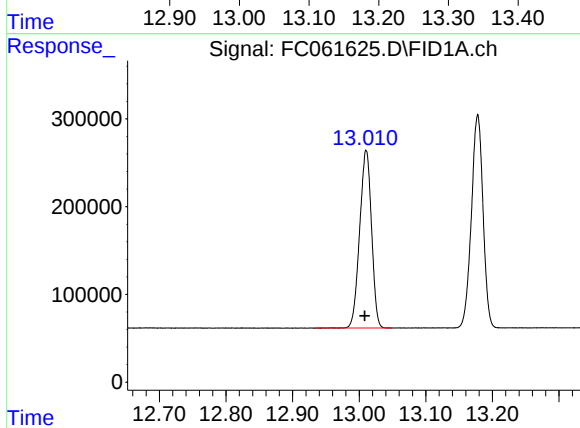
#10 n-Eicosane (C20)

R.T.: 12.565 min
Delta R.T.: 0.000 min
Response: 2938352
Conc: 18.44 ug/ml



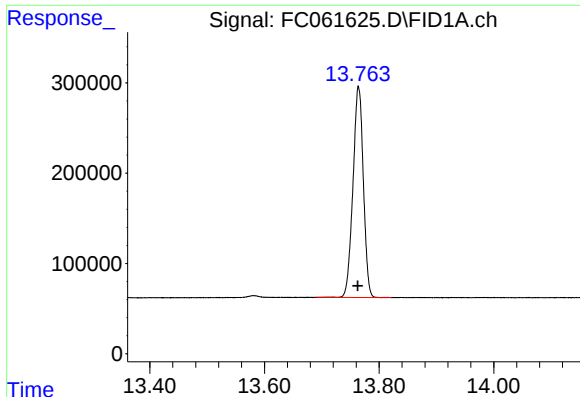
#11 n-Heneicosane (C21)

R.T.: 13.178 min
Delta R.T.: 0.001 min
Response: 2943499
Conc: 18.35 ug/ml



#12 1-chlorooctadecane (SURR)

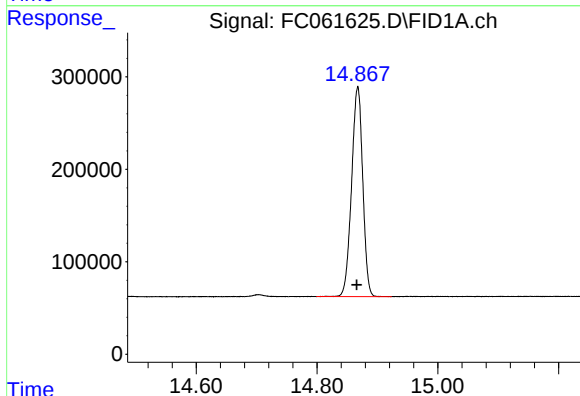
R.T.: 13.011 min
Delta R.T.: 0.002 min
Response: 2505212
Conc: 18.34 ug/ml



#13 n-Docosane (C22)

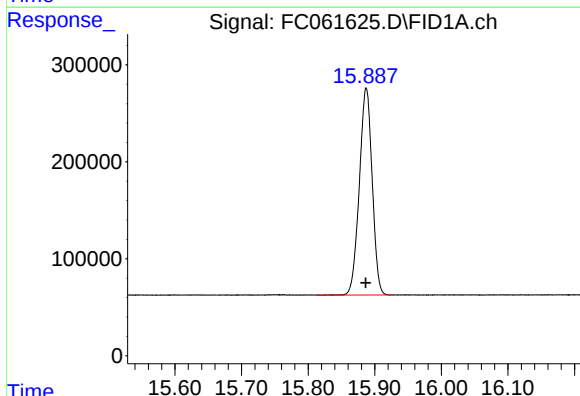
R.T.: 13.764 min
Delta R.T.: 0.001 min
Response: 2945948
Conc: 18.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



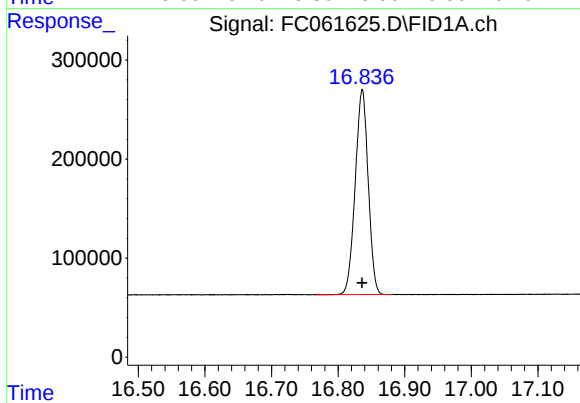
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: 0.002 min
Response: 2905516
Conc: 18.14 ug/ml



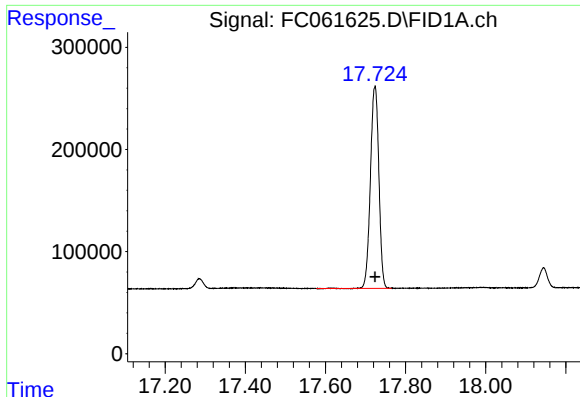
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: 0.000 min
Response: 2854028
Conc: 18.00 ug/ml



#16 n-Octacosane (C28)

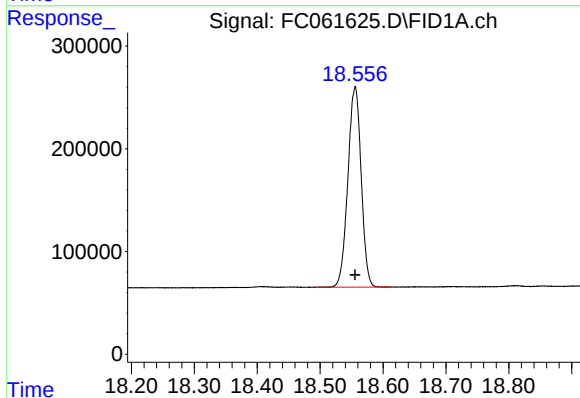
R.T.: 16.836 min
Delta R.T.: 0.000 min
Response: 2803807
Conc: 18.09 ug/ml



#17 n-Tricontane (C30)

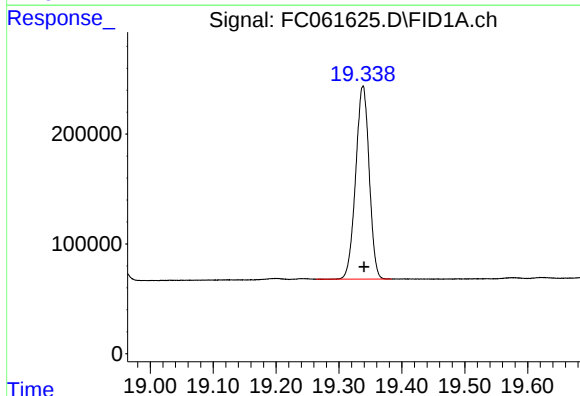
R.T.: 17.724 min
Delta R.T.: 0.000 min
Response: 2883385
Conc: 18.74 ug/ml

Instrument :
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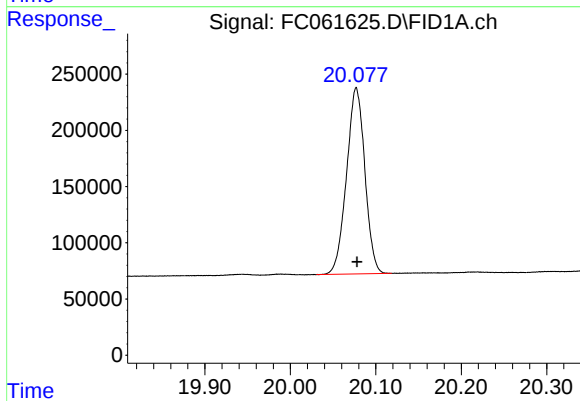
#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: 0.000 min
Response: 2865144
Conc: 18.95 ug/ml



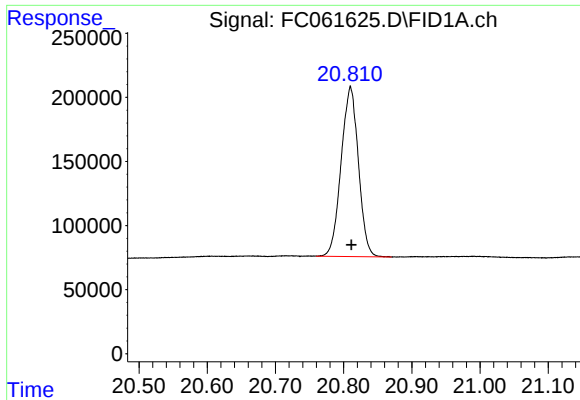
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: -0.002 min
Response: 2623077
Conc: 18.50 ug/ml



#20 n-Hexatriacontane (C36)

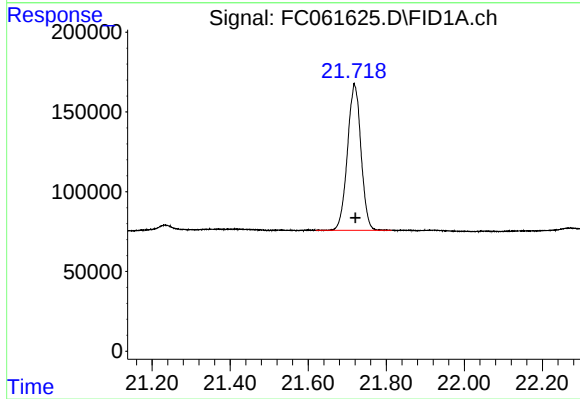
R.T.: 20.077 min
Delta R.T.: 0.000 min
Response: 2467114
Conc: 17.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.810 min
Delta R.T.: -0.002 min
Response: 2329746
Conc: 17.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.719 min
Delta R.T.: -0.003 min
Response: 2209889
Conc: 18.08 ug/ml