

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050124AL\
 Data File : FC066278.D
 Signal(s) : FID1A.ch
 Acq On : 01 May 2024 14:23
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 02 08:49:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 08:48:13 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)	11.563	3691076	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.002	2712482	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.323	3345521	20.000 ug/ml
2) T n-Decane (C10)	4.388	3429398	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.969	3790102	20.000 ug/ml
4) T n-Dodecane (C12)	6.406	3429340	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.026	3681022	20.000 ug/ml
6) T n-Tetradecane (C14)	8.203	3335742	20.000 ug/ml
7) T n-Hexadecane (C16)	9.804	3412000	20.000 ug/ml
8) T n-Octadecane (C18)	11.248	3372645	20.000 ug/ml
10) T n-Eicosane (C20)	12.558	3175725	20.000 ug/ml
11) T n-Heneicosane (C21)	13.171	3097220	20.000 ug/ml
13) T n-Docosane (C22)	13.757	3055200	20.000 ug/ml
14) T n-Tetracosane (C24)	14.860	2995580	20.000 ug/ml
15) T n-Hexacosane (C26)	15.881	2886282	20.000 ug/ml
16) T n-Octacosane (C28)	16.831	2805035	20.000 ug/ml
17) T n-Tricontane (C30)	17.720	2812650	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.554	2692503	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.338	2555635	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.078	2686321	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.813	2344833	20.000 ug/ml
22) T n-Tetracontane (C40)	21.725	2326009	20.000 ug/ml

(f)=RT Delta > 1/2 Window

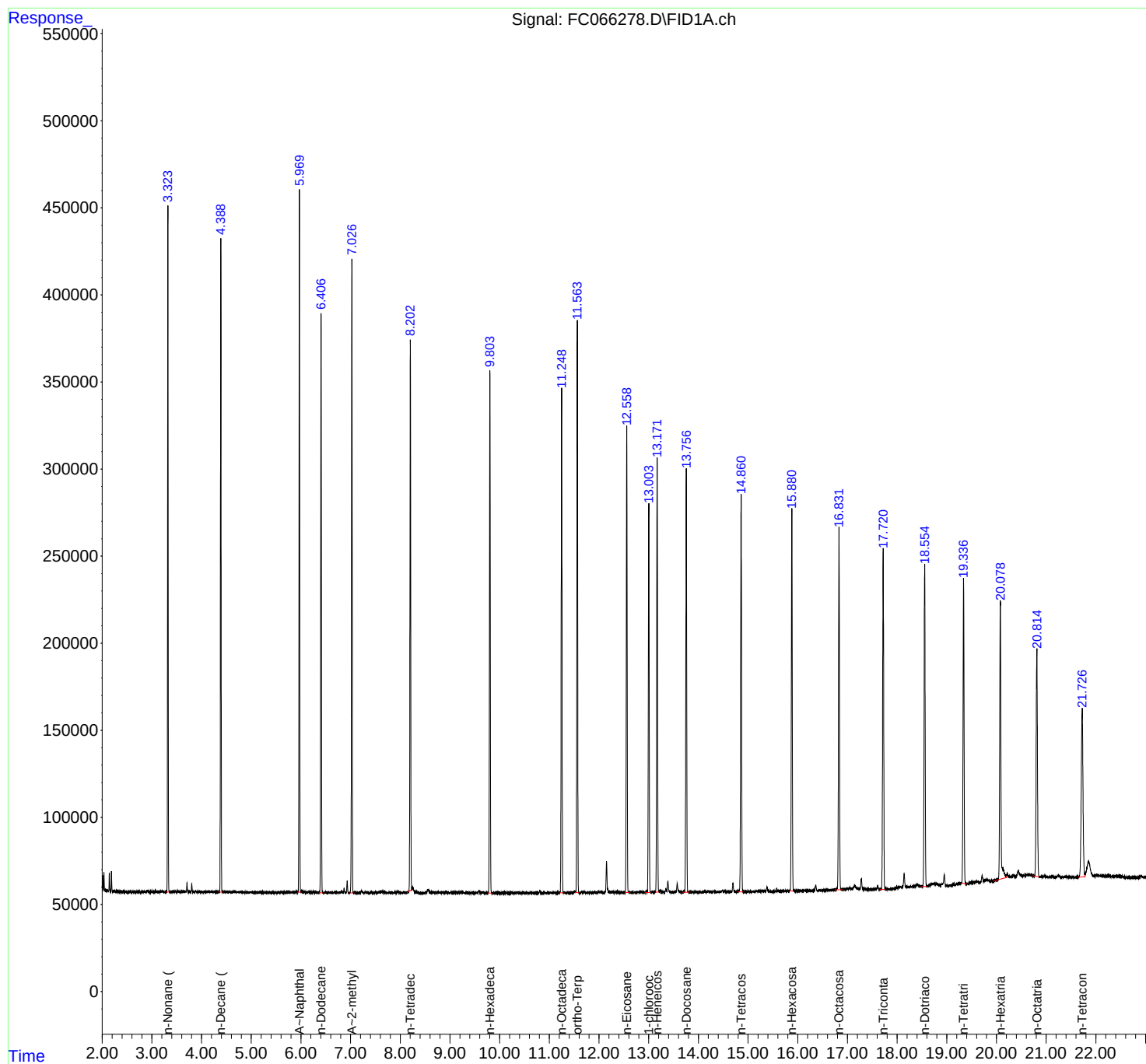
(m)=manual int.

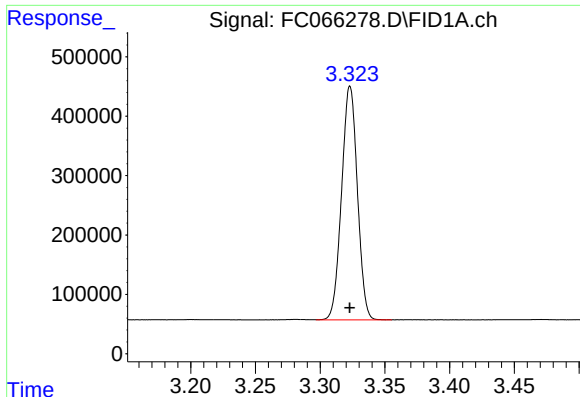
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050124AL\
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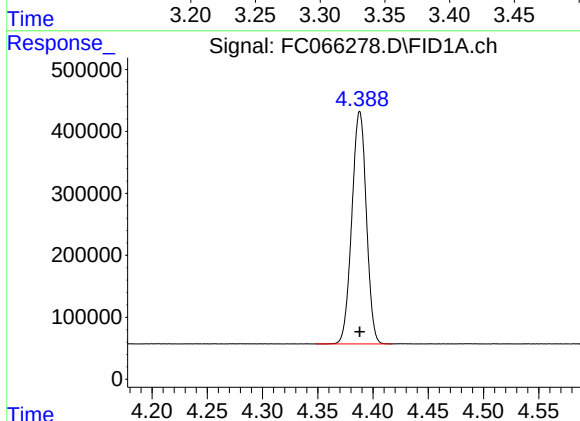




#1 n-Nonane (C9)

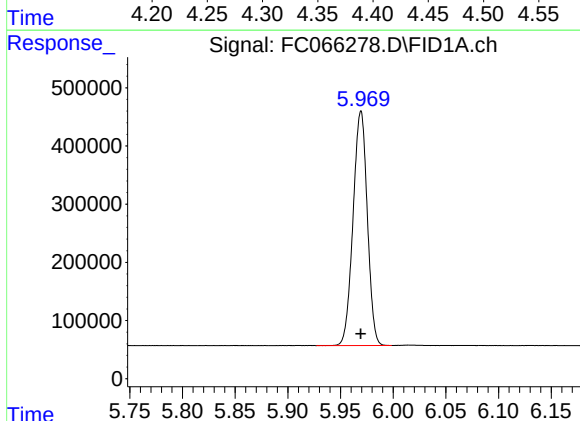
R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 3345521
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



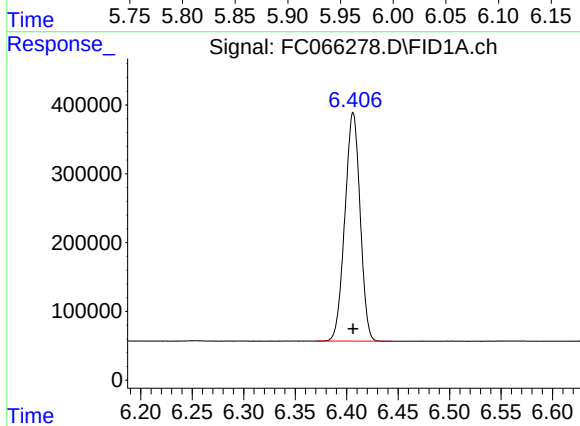
#2 n-Decane (C10)

R.T.: 4.388 min
Delta R.T.: 0.000 min
Response: 3429398
Conc: 20.00 ug/ml



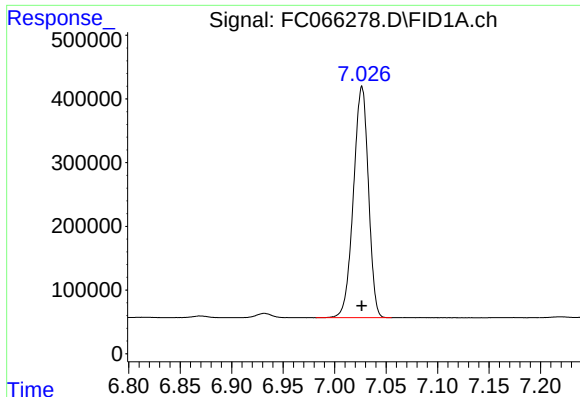
#3 A~Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 3790102
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

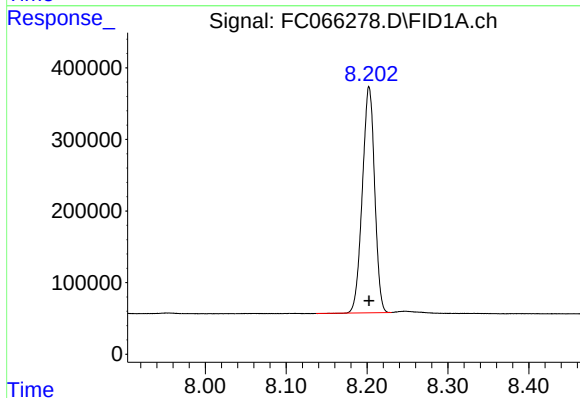
R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 3429340
Conc: 20.00 ug/ml



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

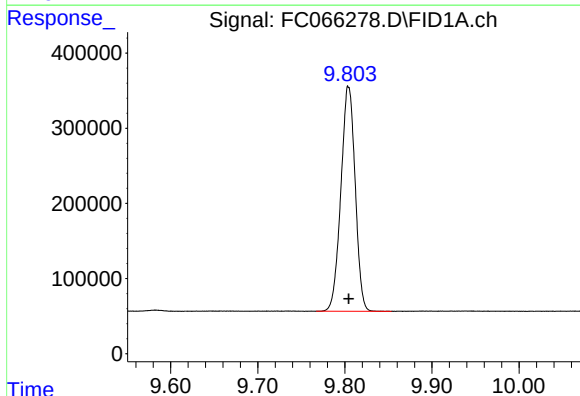
R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 3681022
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



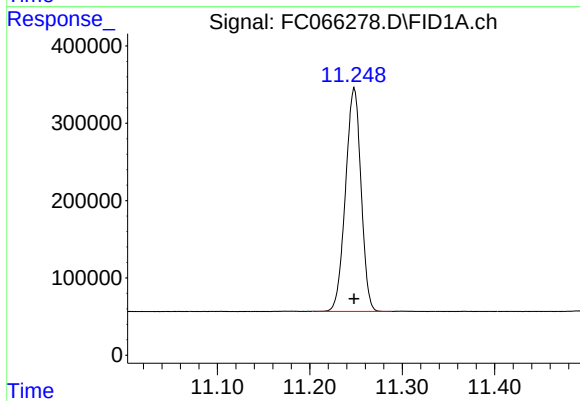
#6 n-Tetradecane (C14)

R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 3335742
Conc: 20.00 ug/ml



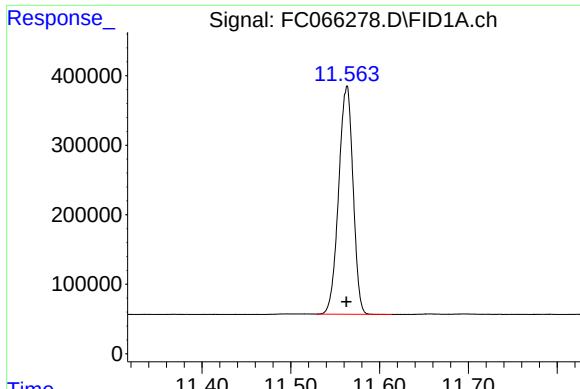
#7 n-Hexadecane (C16)

R.T.: 9.804 min
Delta R.T.: 0.000 min
Response: 3412000
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

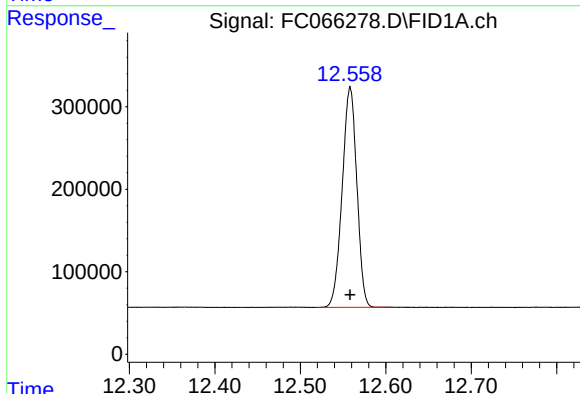
R.T.: 11.248 min
Delta R.T.: 0.000 min
Response: 3372645
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

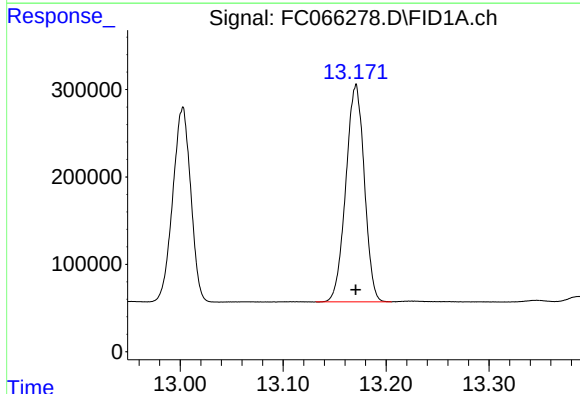
R.T.: 11.563 min
Delta R.T.: 0.000 min
Response: 3691076
Conc: 20.00 ug/ml

Instrument :
FID_C
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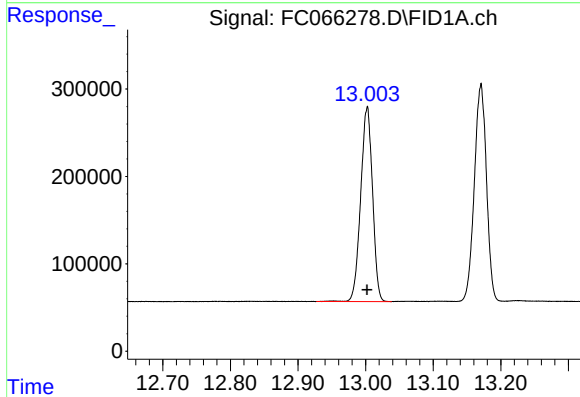
#10 n-Eicosane (C20)

R.T.: 12.558 min
Delta R.T.: 0.000 min
Response: 3175725
Conc: 20.00 ug/ml



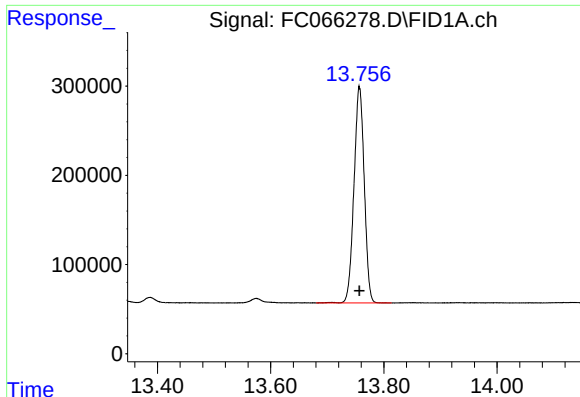
#11 n-Heneicosane (C21)

R.T.: 13.171 min
Delta R.T.: 0.000 min
Response: 3097220
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

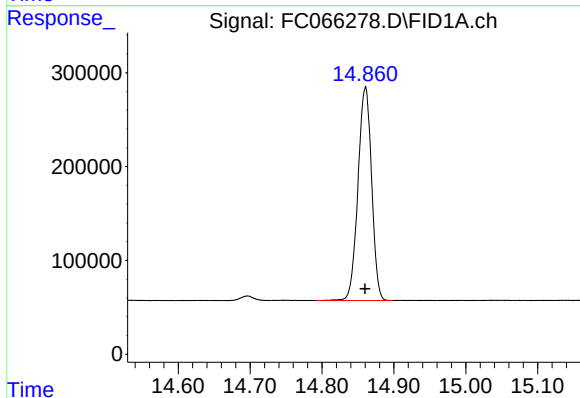
R.T.: 13.002 min
Delta R.T.: 0.000 min
Response: 2712482
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

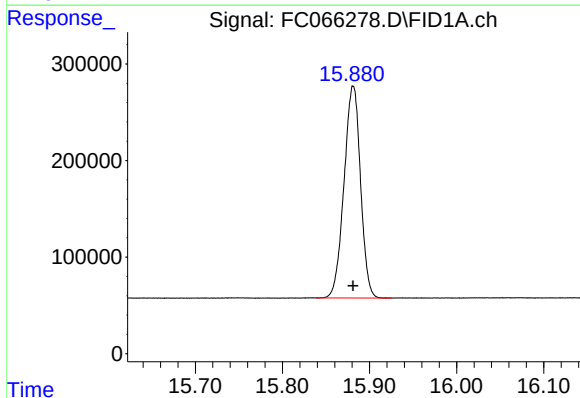
R.T.: 13.757 min
Delta R.T.: 0.000 min
Response: 3055200
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



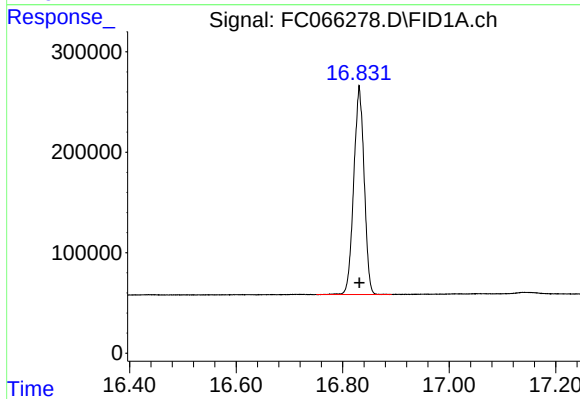
#14 n-Tetracosane (C24)

R.T.: 14.860 min
Delta R.T.: 0.000 min
Response: 2995580
Conc: 20.00 ug/ml



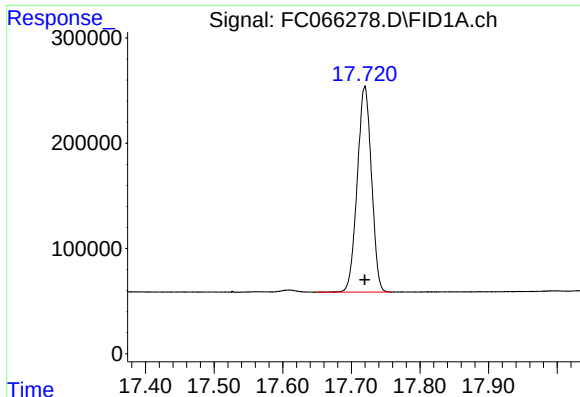
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: 0.000 min
Response: 2886282
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

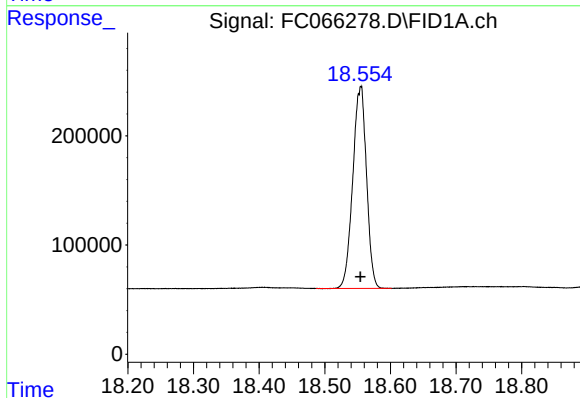
R.T.: 16.831 min
Delta R.T.: 0.000 min
Response: 2805035
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

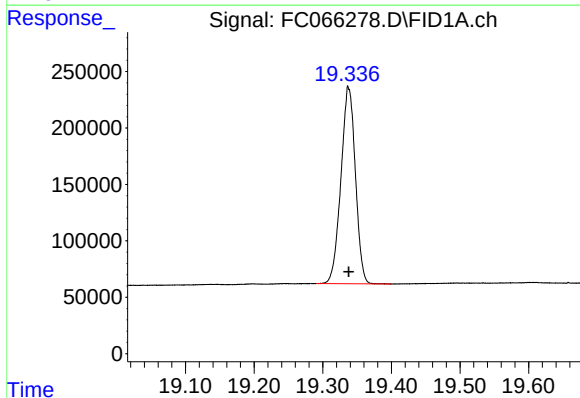
R.T.: 17.720 min
Delta R.T.: 0.000 min
Response: 2812650
Conc: 20.00 ug/ml

Instrument :
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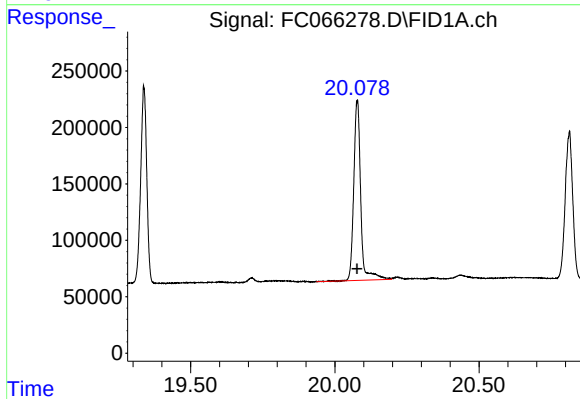
#18 n-Dotriacontane (C32)

R.T.: 18.554 min
Delta R.T.: 0.000 min
Response: 2692503
Conc: 20.00 ug/ml



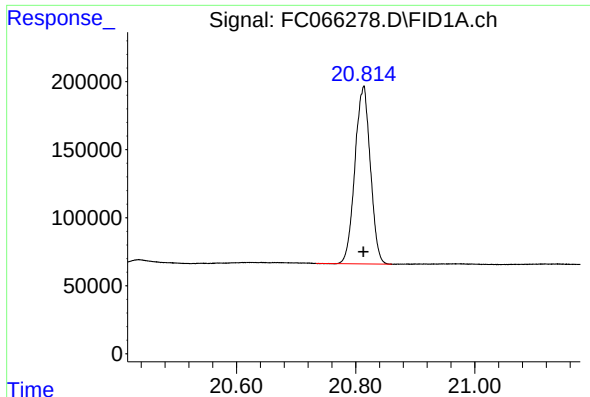
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: 0.000 min
Response: 2555635
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

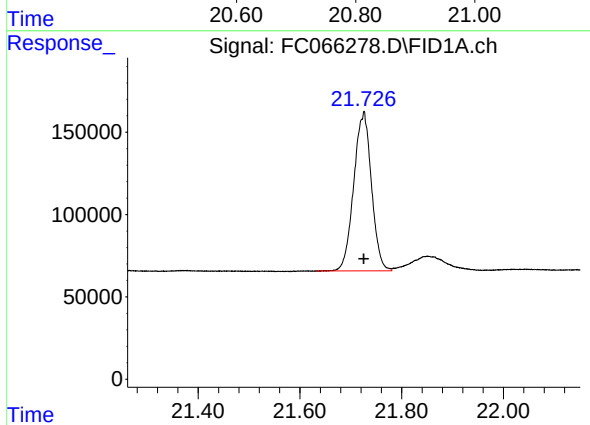
R.T.: 20.078 min
Delta R.T.: 0.000 min
Response: 2686321
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.813 min
Delta R.T.: 0.000 min
Response: 2344833
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.725 min
Delta R.T.: 0.000 min
Response: 2326009
Conc: 20.00 ug/ml