

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111422AL\
 Data File : FC062186.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2022 21:47
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 15 01:24:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 15 01:21:38 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)	11.591	2675259	19.599 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
12) S 1-chlorooctadecane (S...	13.025	2003353	19.708 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
Target Compounds			
1) T n-Nonane (C9)	3.350	2708011	19.457 ug/ml
2) T n-Decane (C10)	4.417	2637441	19.494 ug/ml
3) T A~Naphthalene (C11.7)	6.004	2866596	19.567 ug/ml
4) T n-Dodecane (C12)	6.437	2604157	19.493 ug/ml
5) T A~2-methylnaphthalene...	7.061	2639113	19.680 ug/ml
6) T n-Tetradecane (C14)	8.232	2550633	19.539 ug/ml
7) T n-Hexadecane (C16)	9.832	2537943	19.575 ug/ml
8) T n-Octadecane (C18)	11.274	2503202	19.604 ug/ml
10) T n-Eicosane (C20)	12.581	2390027	19.662 ug/ml
11) T n-Heneicosane (C21)	13.193	2368999	19.656 ug/ml
13) T n-Docosane (C22)	13.778	2328134	19.749 ug/ml
14) T n-Tetracosane (C24)	14.877	2278899	19.805 ug/ml
15) T n-Hexacosane (C26)	15.896	2224858	19.968 ug/ml
16) T n-Octacosane (C28)	16.843	2186943	19.946 ug/ml
17) T n-Tricontane (C30)	17.727	2161561	19.738 ug/ml
18) T n-Dotriacontane (C32)	18.557	2156733	19.527 ug/ml
19) T n-Tetratriacontane (C34)	19.338	2120498	19.394 ug/ml
20) T n-Hexatriacontane (C36)	20.075	2021826	19.291 ug/ml
21) T n-Octatriacontane (C38)	20.808	2006587	19.388 ug/ml
22) T n-Tetracontane (C40)	21.726	1968797	19.179 ug/ml

(f)=RT Delta > 1/2 Window

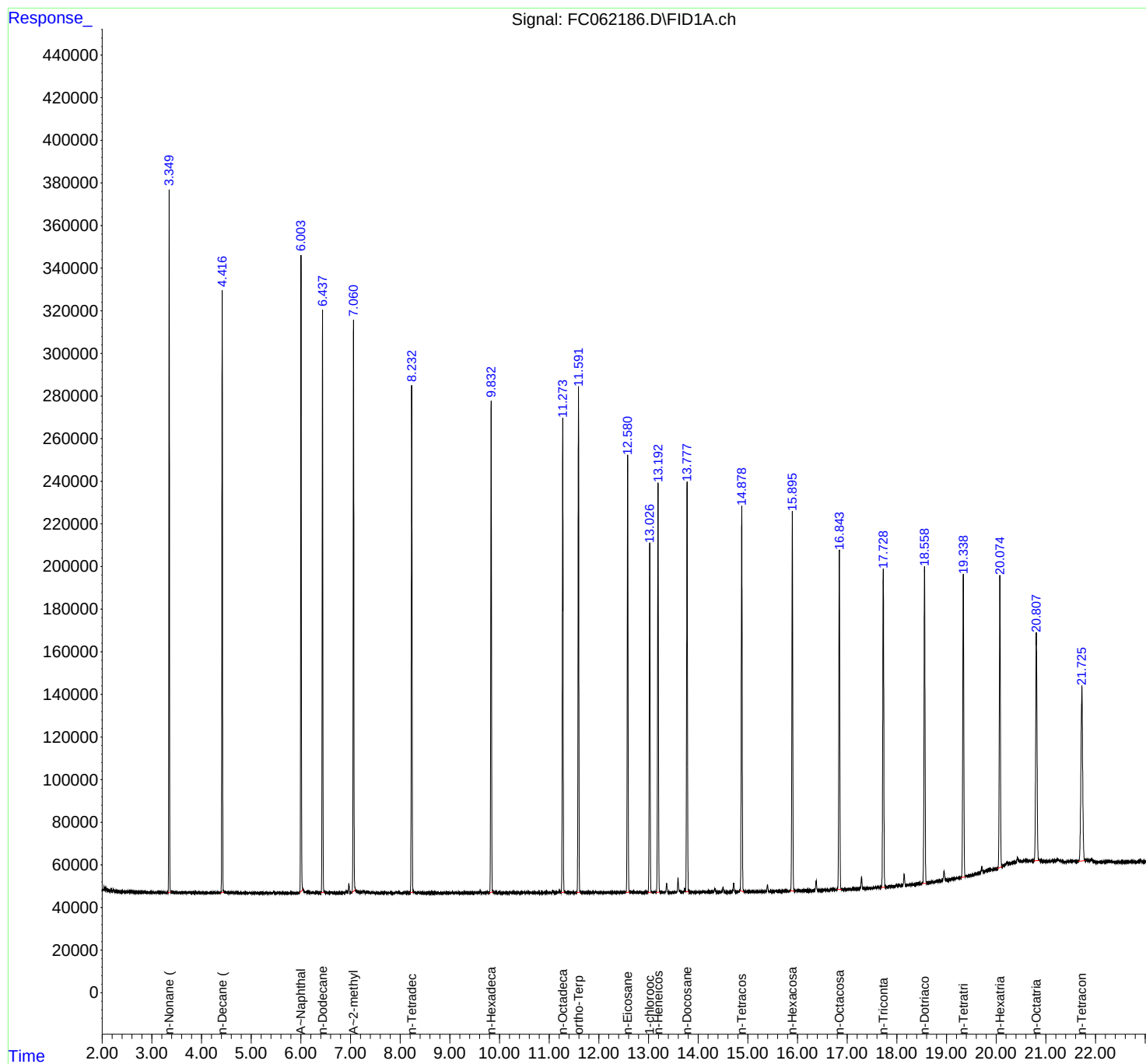
(m)=manual int.

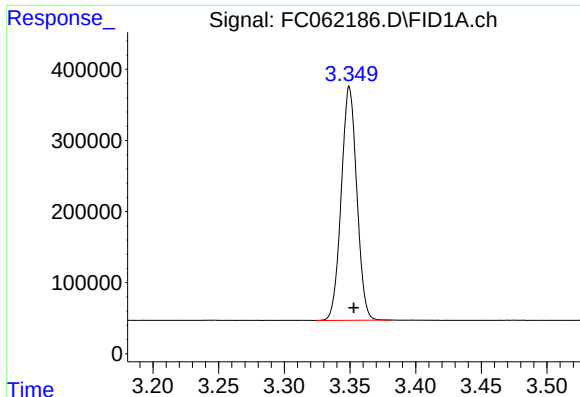
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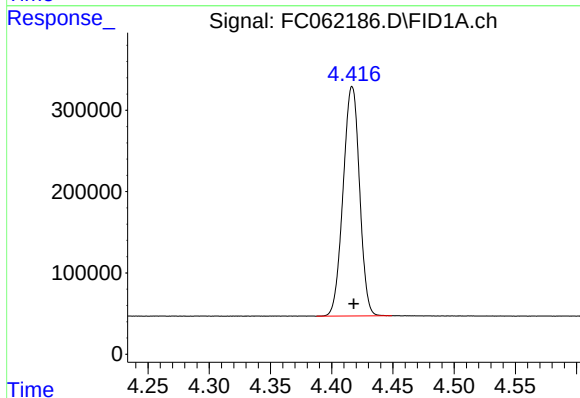




#1 n-Nonane (C9)

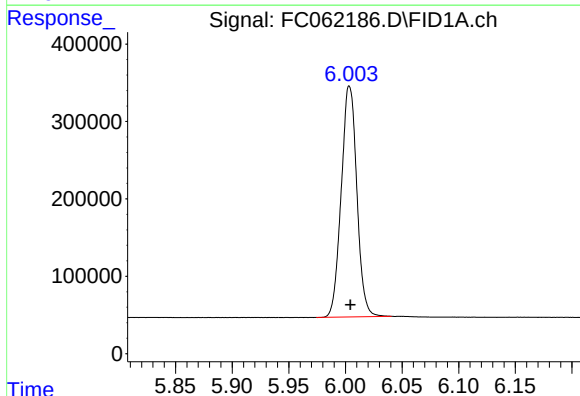
R.T.: 3.350 min
Delta R.T.: -0.003 min
Response: 2708011
Conc: 19.46 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



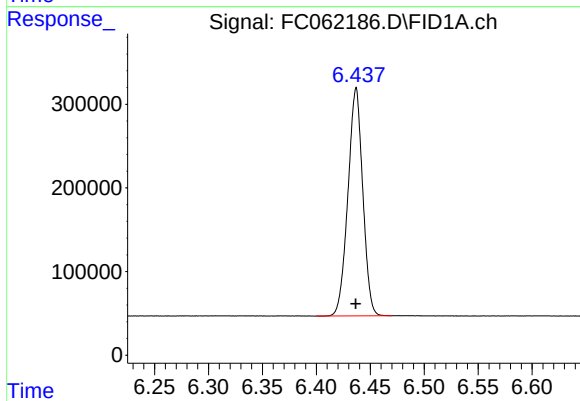
#2 n-Decane (C10)

R.T.: 4.417 min
Delta R.T.: -0.001 min
Response: 2637441
Conc: 19.49 ug/ml



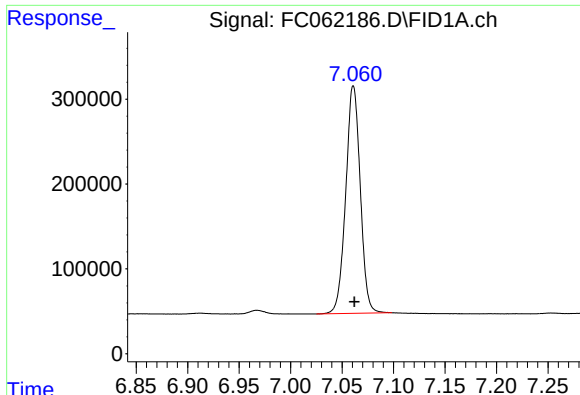
#3 A~Naphthalene (C11.7)

R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 2866596
Conc: 19.57 ug/ml



#4 n-Dodecane (C12)

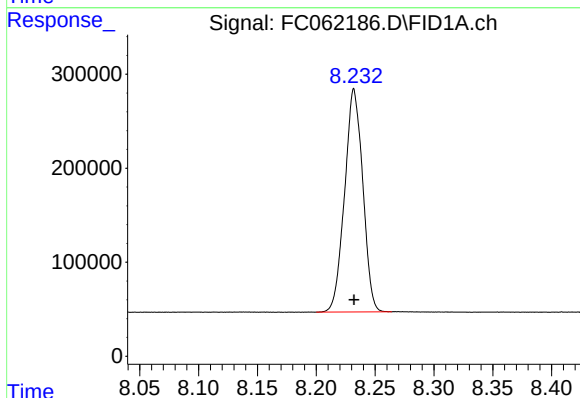
R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 2604157
Conc: 19.49 ug/ml



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

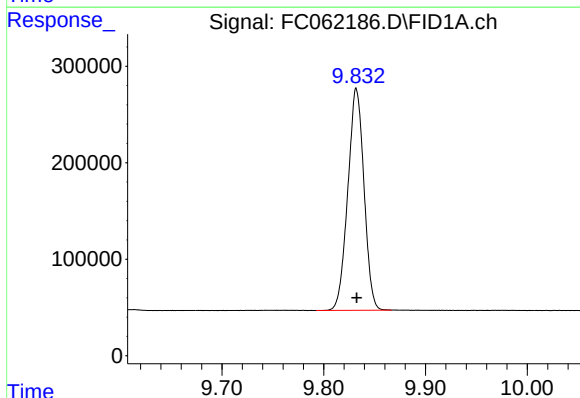
R.T.: 7.061 min
Delta R.T.: -0.001 min
Response: 2639113
Conc: 19.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



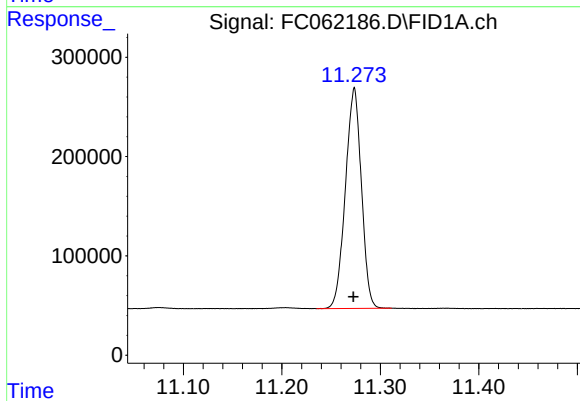
#6 n-Tetradecane (C14)

R.T.: 8.232 min
Delta R.T.: 0.000 min
Response: 2550633
Conc: 19.54 ug/ml



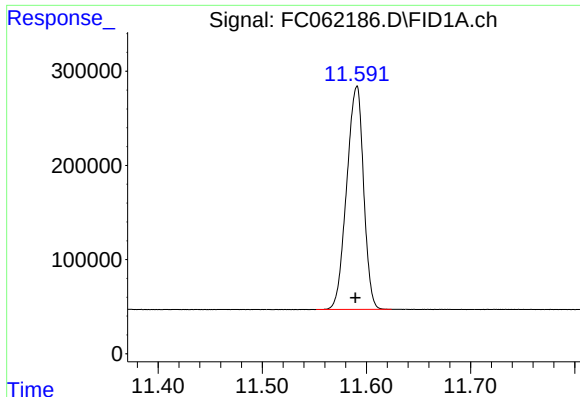
#7 n-Hexadecane (C16)

R.T.: 9.832 min
Delta R.T.: 0.000 min
Response: 2537943
Conc: 19.58 ug/ml



#8 n-Octadecane (C18)

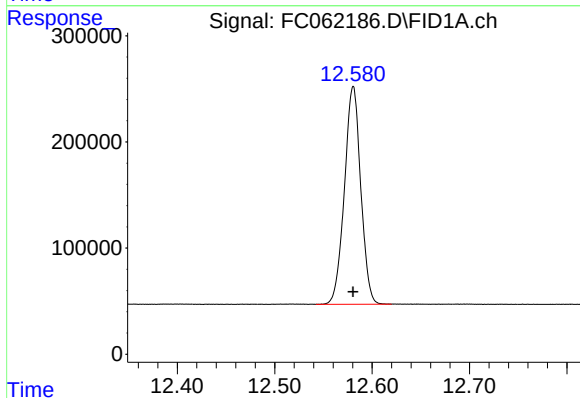
R.T.: 11.274 min
Delta R.T.: 0.000 min
Response: 2503202
Conc: 19.60 ug/ml



#9 ortho-Terphenyl (SURR)

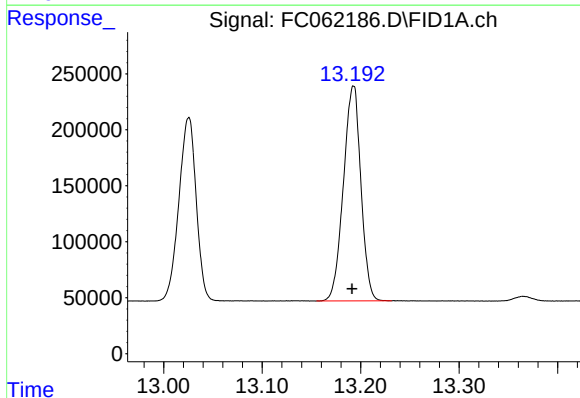
R.T.: 11.591 min
Delta R.T.: 0.001 min
Response: 2675259
Conc: 19.60 ug/ml

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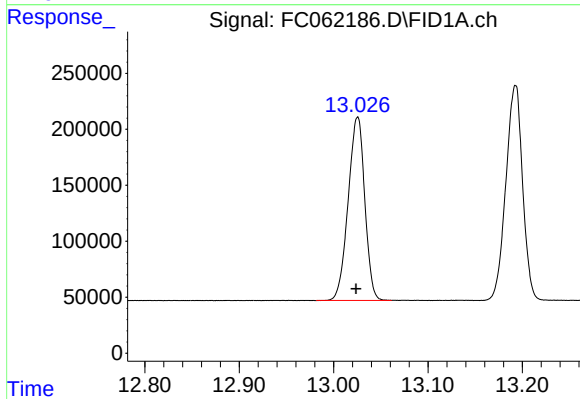
#10 n-Eicosane (C20)

R.T.: 12.581 min
Delta R.T.: 0.000 min
Response: 2390027
Conc: 19.66 ug/ml



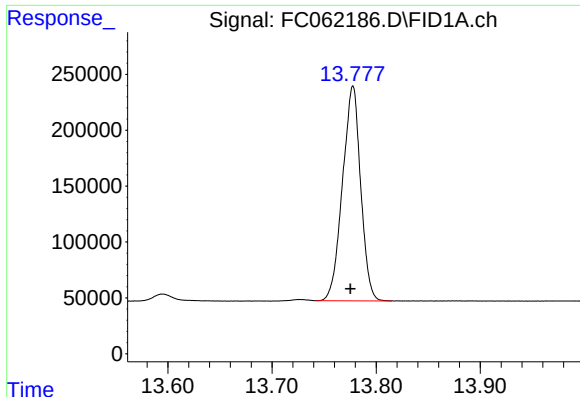
#11 n-Heneicosane (C21)

R.T.: 13.193 min
Delta R.T.: 0.002 min
Response: 2368999
Conc: 19.66 ug/ml



#12 1-chlorooctadecane (SURR)

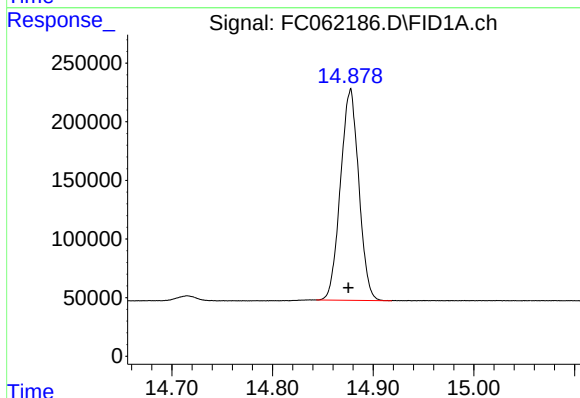
R.T.: 13.025 min
Delta R.T.: 0.002 min
Response: 2003353
Conc: 19.71 ug/ml



#13 n-Docosane (C22)

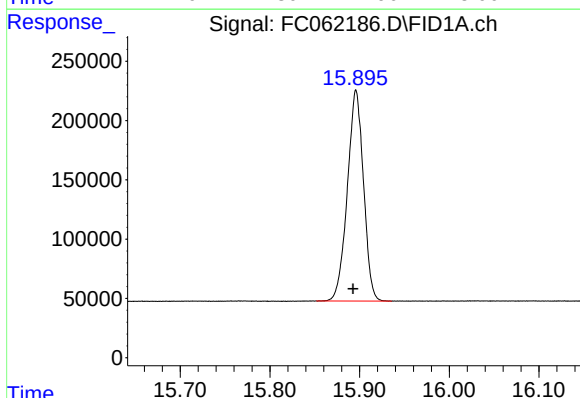
R.T.: 13.778 min
Delta R.T.: 0.003 min
Response: 2328134
Conc: 19.75 ug/ml

Instrument :
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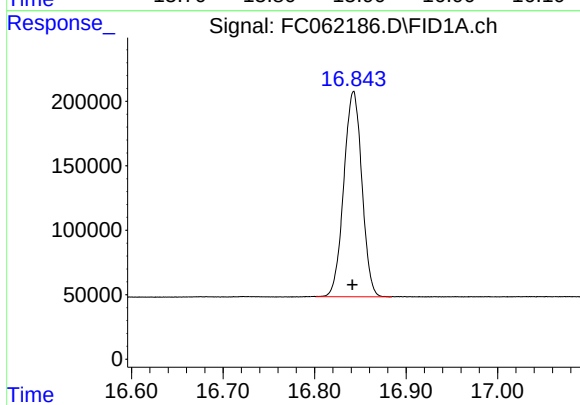
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: 0.002 min
Response: 2278899
Conc: 19.80 ug/ml



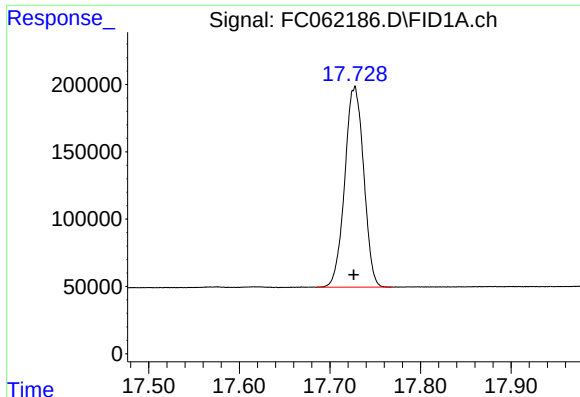
#15 n-Hexacosane (C26)

R.T.: 15.896 min
Delta R.T.: 0.003 min
Response: 2224858
Conc: 19.97 ug/ml



#16 n-Octacosane (C28)

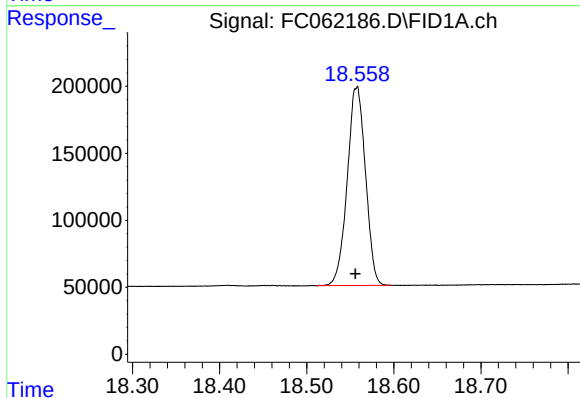
R.T.: 16.843 min
Delta R.T.: 0.001 min
Response: 2186943
Conc: 19.95 ug/ml



#17 n-Tricontane (C30)

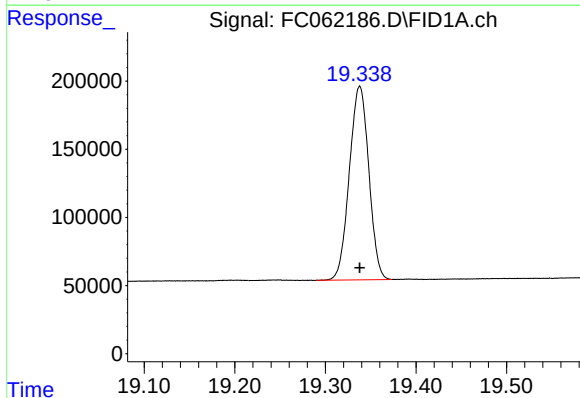
R.T.: 17.727 min
Delta R.T.: 0.000 min
Response: 2161561
Conc: 19.74 ug/ml

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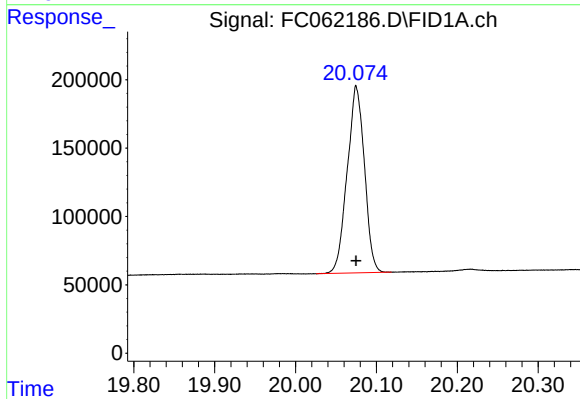
#18 n-Dotriacontane (C32)

R.T.: 18.557 min
Delta R.T.: 0.001 min
Response: 2156733
Conc: 19.53 ug/ml



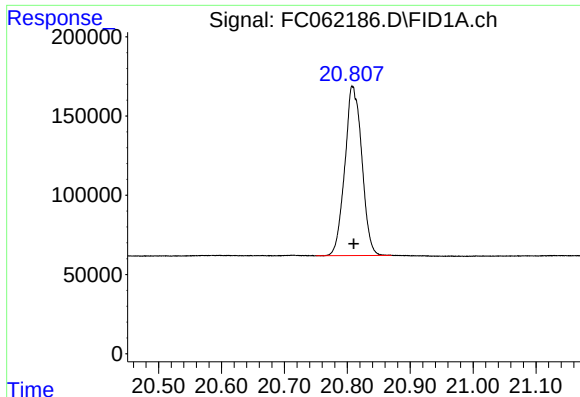
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: 0.000 min
Response: 2120498
Conc: 19.39 ug/ml



#20 n-Hexatriacontane (C36)

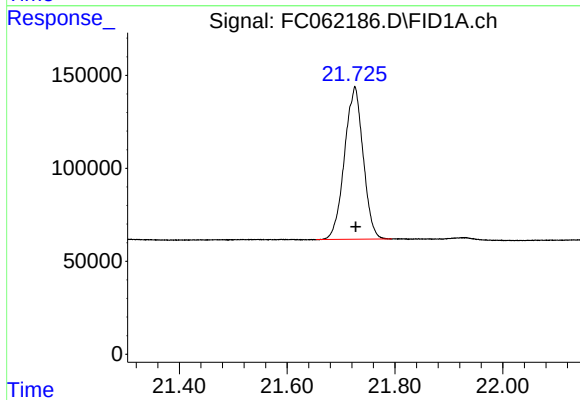
R.T.: 20.075 min
Delta R.T.: 0.000 min
Response: 2021826
Conc: 19.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.808 min
Delta R.T.: -0.002 min
Response: 2006587
Conc: 19.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.726 min
Delta R.T.: -0.001 min
Response: 1968797
Conc: 19.18 ug/ml