

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121322AL\
 Data File : FC062422.D
 Signal(s) : FID1A.ch
 Acq On : 13 Dec 2022 22:24
 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: Dec 14 04:30:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 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	2533231	17.958 ug/ml
Spiked Amount 50.000		Recovery =	35.92%
12) S 1-chlorooctadecane (S...	13.012	1909696	17.917 ug/ml
Spiked Amount 50.000		Recovery =	35.83%
Target Compounds			
1) T n-Nonane (C9)	3.319	2276932	17.704 ug/ml
2) T n-Decane (C10)	4.389	2240509	18.011 ug/ml
3) T A~Naphthalene (C11.7)	5.978	2577936	18.167 ug/ml
4) T n-Dodecane (C12)	6.414	2232596	17.824 ug/ml
5) T A~2-methylnaphthalene...	7.037	2422439	18.840 ug/ml
6) T n-Tetradecane (C14)	8.212	2258289	18.543 ug/ml
7) T n-Hexadecane (C16)	9.815	2292713	18.266 ug/ml
8) T n-Octadecane (C18)	11.258	2308705	18.072 ug/ml
10) T n-Eicosane (C20)	12.567	2236289	17.978 ug/ml
11) T n-Heneicosane (C21)	13.179	2219756	17.963 ug/ml
13) T n-Docosane (C22)	13.765	2216857	18.250 ug/ml
14) T n-Tetracosane (C24)	14.868	2227608	18.584 ug/ml
15) T n-Hexacosane (C26)	15.888	2199593	18.935 ug/ml
16) T n-Octacosane (C28)	16.837	2212259	19.465 ug/ml
17) T n-Tricontane (C30)	17.724	2229434	19.941 ug/ml
18) T n-Dotriacontane (C32)	18.556	2235992	20.123 ug/ml
19) T n-Tetratriacontane (C34)	19.337	2112416	19.526 ug/ml
20) T n-Hexatriacontane (C36)	20.076	1965499	19.360 ug/ml
21) T n-Octatriacontane (C38)	20.812	1908389	18.653 ug/ml
22) T n-Tetracontane (C40)	21.729	1920215	18.947 ug/ml

(f)=RT Delta > 1/2 Window

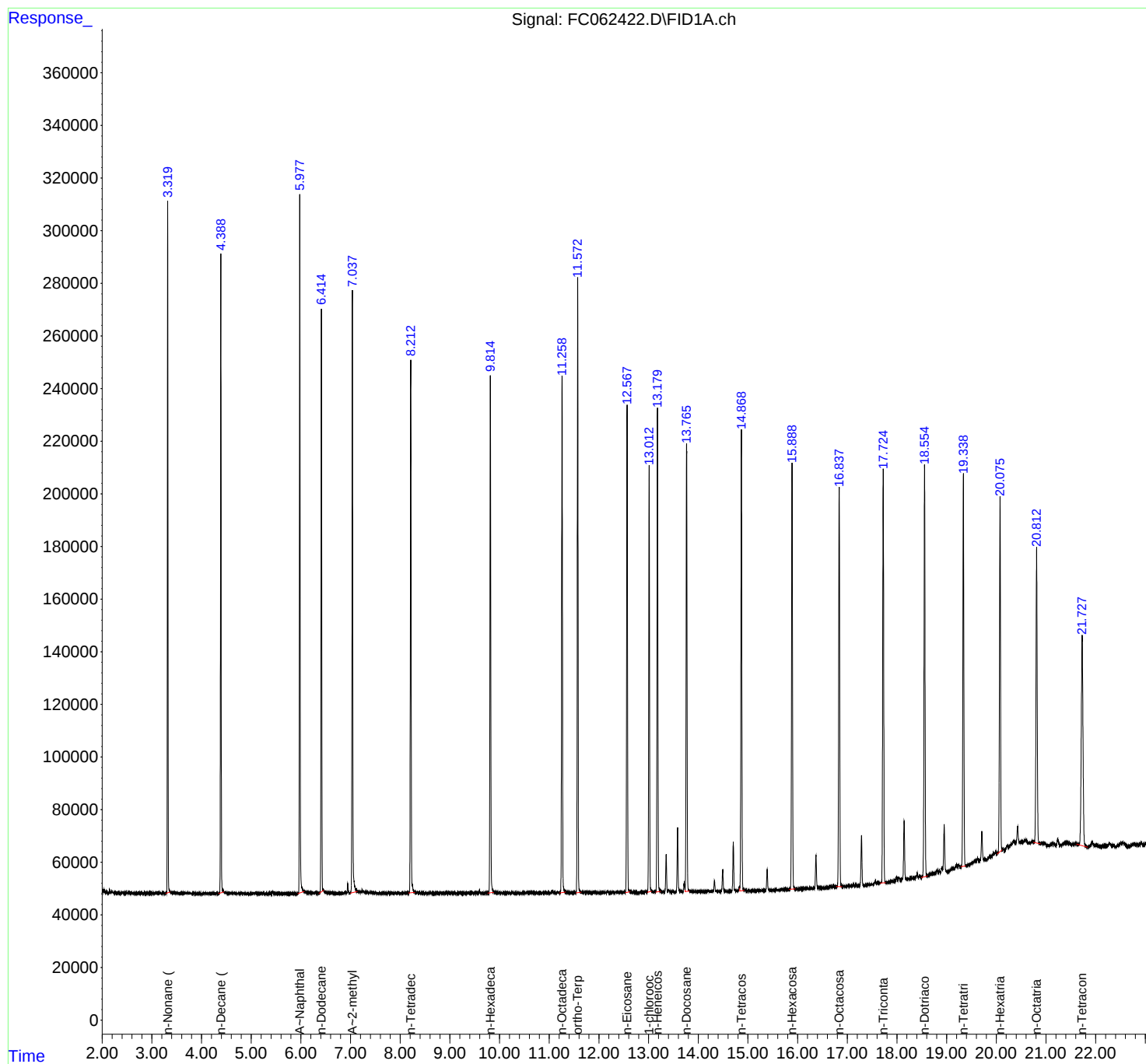
(m)=manual int.

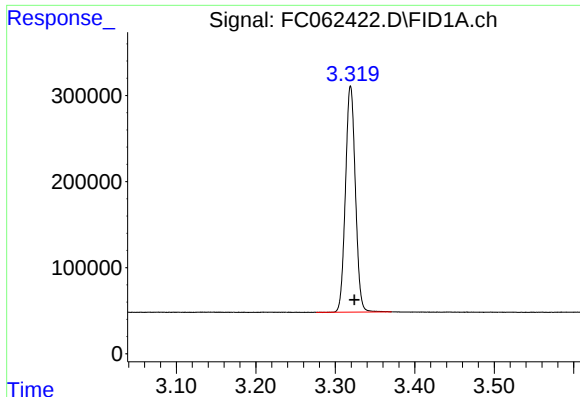
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121322AL\
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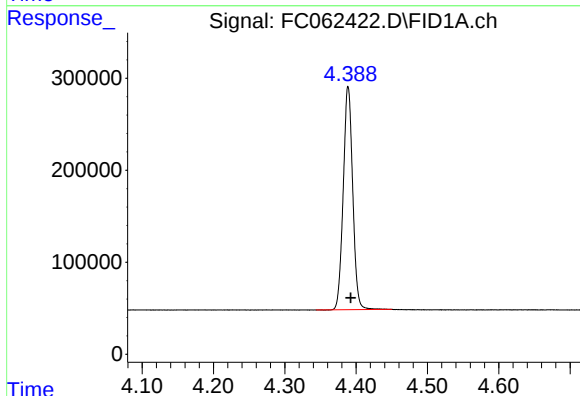




#1 n-Nonane (C9)

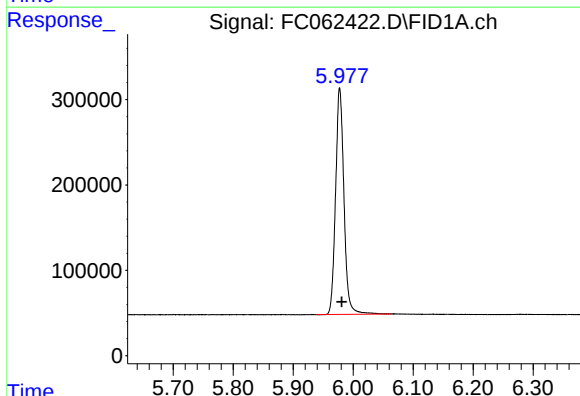
R.T.: 3.319 min
Delta R.T.: -0.005 min
Response: 2276932
Conc: 17.70 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



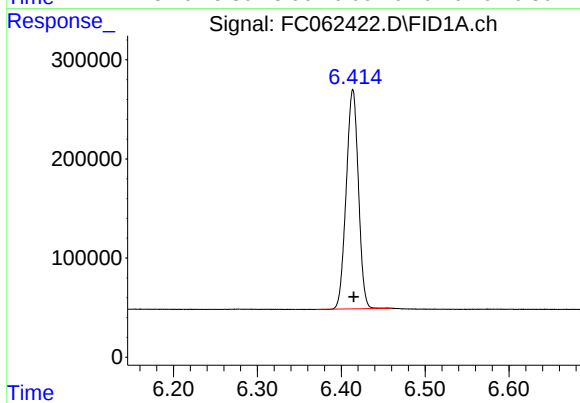
#2 n-Decane (C10)

R.T.: 4.389 min
Delta R.T.: -0.004 min
Response: 2240509
Conc: 18.01 ug/ml



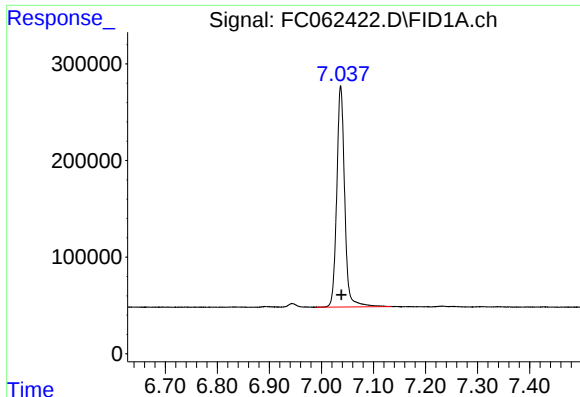
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.003 min
Response: 2577936
Conc: 18.17 ug/ml



#4 n-Dodecane (C12)

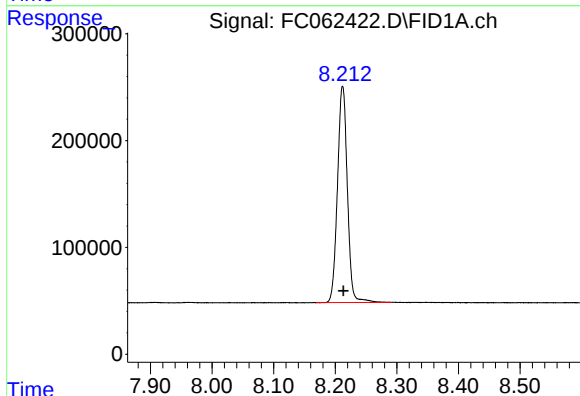
R.T.: 6.414 min
Delta R.T.: -0.001 min
Response: 2232596
Conc: 17.82 ug/ml



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

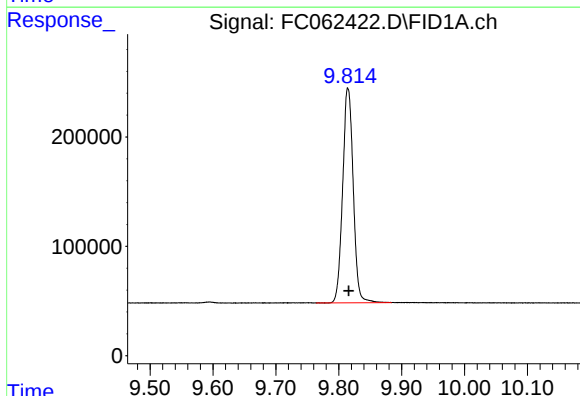
R.T.: 7.037 min
Delta R.T.: -0.001 min
Response: 2422439
Conc: 18.84 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



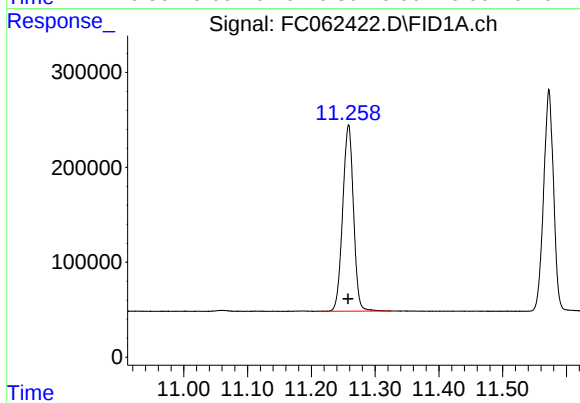
#6 n-Tetradecane (C14)

R.T.: 8.212 min
Delta R.T.: -0.001 min
Response: 2258289
Conc: 18.54 ug/ml



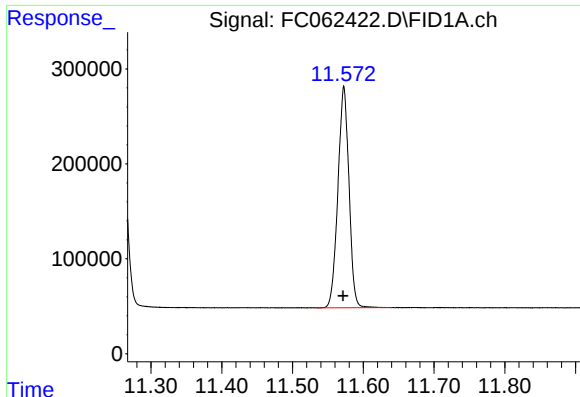
#7 n-Hexadecane (C16)

R.T.: 9.815 min
Delta R.T.: -0.001 min
Response: 2292713
Conc: 18.27 ug/ml



#8 n-Octadecane (C18)

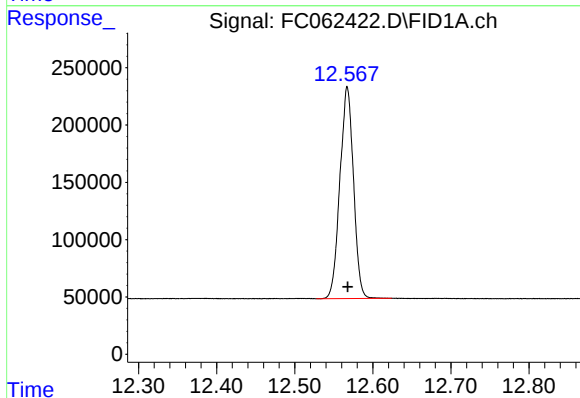
R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 2308705
Conc: 18.07 ug/ml



#9 ortho-Terphenyl (SURR)

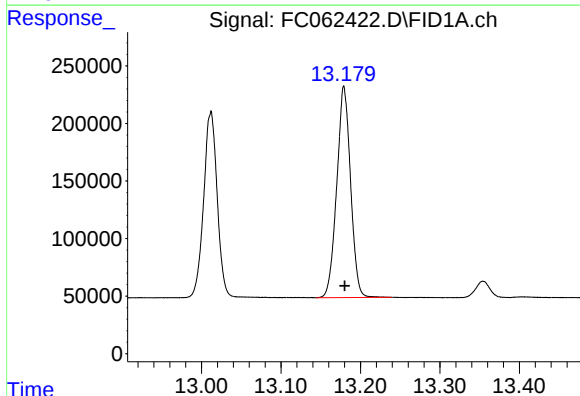
R.T.: 11.573 min
Delta R.T.: 0.001 min
Response: 2533231
Conc: 17.96 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



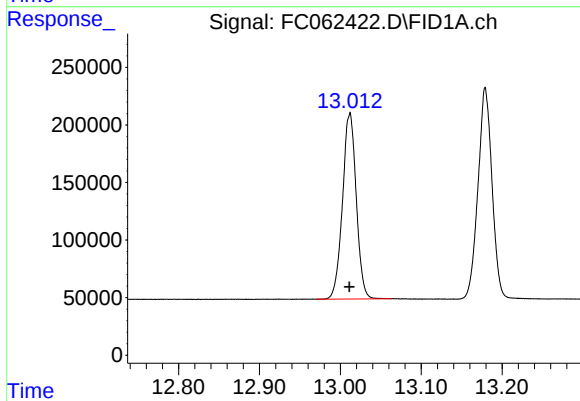
#10 n-Eicosane (C20)

R.T.: 12.567 min
Delta R.T.: 0.000 min
Response: 2236289
Conc: 17.98 ug/ml



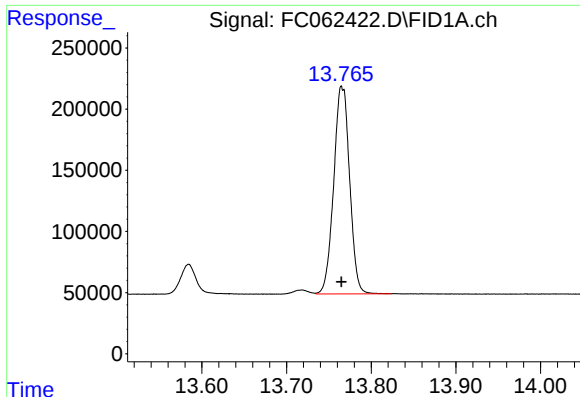
#11 n-Heneicosane (C21)

R.T.: 13.179 min
Delta R.T.: 0.000 min
Response: 2219756
Conc: 17.96 ug/ml



#12 1-chlorooctadecane (SURR)

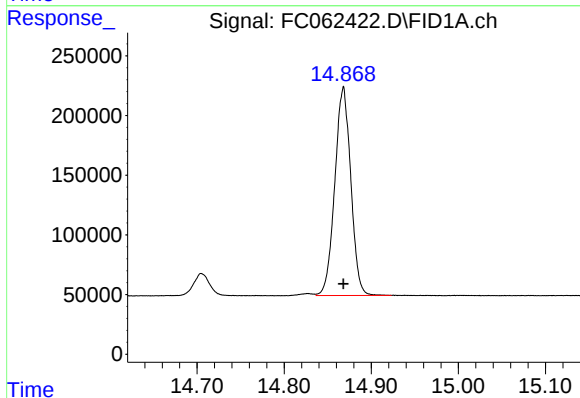
R.T.: 13.012 min
Delta R.T.: 0.000 min
Response: 1909696
Conc: 17.92 ug/ml



#13 n-Docosane (C22)

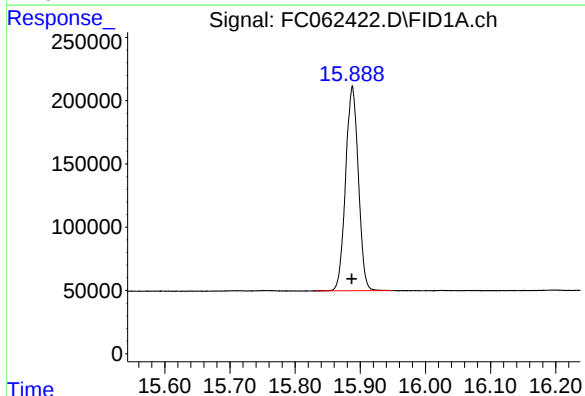
R.T.: 13.765 min
Delta R.T.: 0.000 min
Response: 2216857
Conc: 18.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



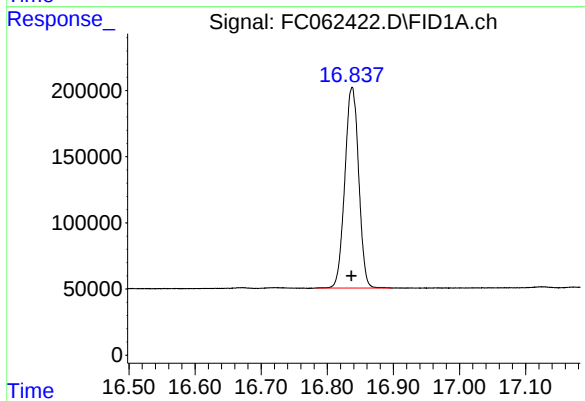
#14 n-Tetracosane (C24)

R.T.: 14.868 min
Delta R.T.: 0.000 min
Response: 2227608
Conc: 18.58 ug/ml



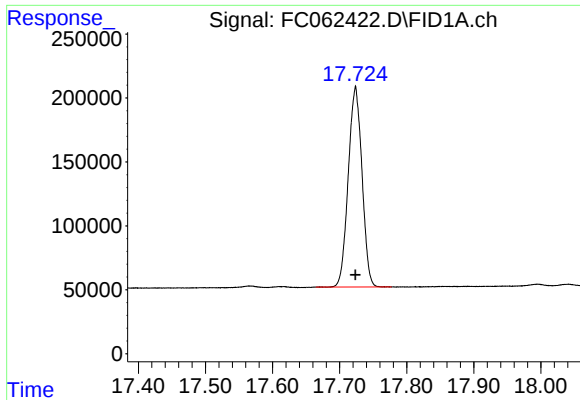
#15 n-Hexacosane (C26)

R.T.: 15.888 min
Delta R.T.: 0.001 min
Response: 2199593
Conc: 18.93 ug/ml



#16 n-Octacosane (C28)

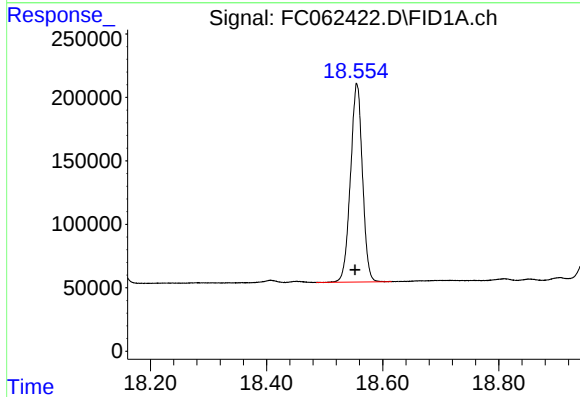
R.T.: 16.837 min
Delta R.T.: 0.001 min
Response: 2212259
Conc: 19.46 ug/ml



#17 n-Tricontane (C30)

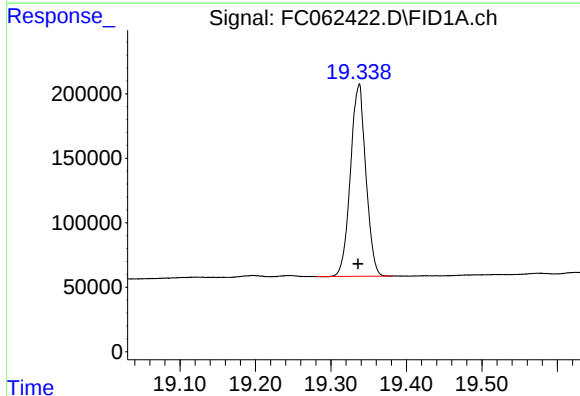
R.T.: 17.724 min
Delta R.T.: 0.000 min
Response: 2229434
Conc: 19.94 ug/ml

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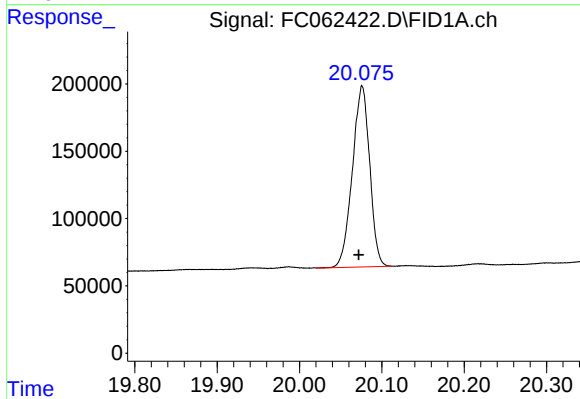
#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: 0.003 min
Response: 2235992
Conc: 20.12 ug/ml



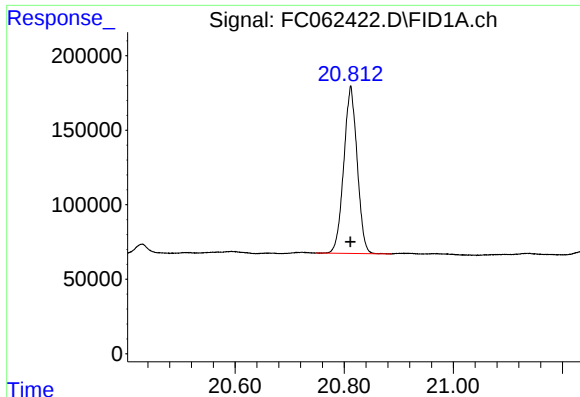
#19 n-Tetratriacontane (C34)

R.T.: 19.337 min
Delta R.T.: 0.001 min
Response: 2112416
Conc: 19.53 ug/ml



#20 n-Hexatriacontane (C36)

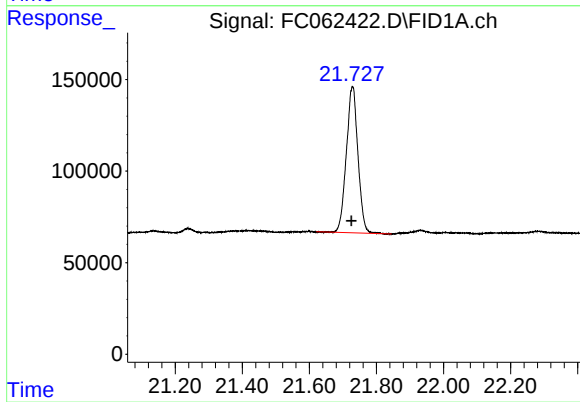
R.T.: 20.076 min
Delta R.T.: 0.004 min
Response: 1965499
Conc: 19.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.812 min
Delta R.T.: 0.000 min
Response: 1908389
Conc: 18.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.729 min
Delta R.T.: 0.003 min
Response: 1920215
Conc: 18.95 ug/ml