

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012623AL\
 Data File : FC062784.D
 Signal(s) : FID1A.ch
 Acq On : 26 Jan 2023 21:40
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 04:08:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012623.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 27 04:07:34 2023
 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)	11.538	627594	5.149 ug/ml
Spiked Amount 50.000		Recovery =	10.30%
12) S 1-chlorooctadecane (S...	12.980	470395	5.065 ug/ml
Spiked Amount 50.000		Recovery =	10.13%
Target Compounds			
1) T n-Nonane (C9)	3.301	536136	5.066 ug/ml
2) T n-Decane (C10)	4.368	499465	4.890 ug/ml
3) T A~Naphthalene (C11.7)	5.955	549722	4.675 ug/ml
4) T n-Dodecane (C12)	6.388	490788	4.823 ug/ml
5) T A~2-methylnaphthalene...	7.012	467498	4.232 ug/ml
6) T n-Tetradecane (C14)	8.185	429128	4.113 ug/ml
7) T n-Hexadecane (C16)	9.786	516946	4.811 ug/ml
8) T n-Octadecane (C18)	11.226	550154	5.015 ug/ml
10) T n-Eicosane (C20)	12.536	553424	5.164 ug/ml
11) T n-Heneicosane (C21)	13.147	548182	5.118 ug/ml
13) T n-Docosane (C22)	13.733	545053	5.143 ug/ml
14) T n-Tetracosane (C24)	14.836	539443	5.119 ug/ml
15) T n-Hexacosane (C26)	15.856	532563	5.133 ug/ml
16) T n-Octacosane (C28)	16.804	532049	5.192 ug/ml
17) T n-Tricontane (C30)	17.690	532022	5.220 ug/ml
18) T n-Dotriacontane (C32)	18.522	547965	5.273 ug/ml
19) T n-Tetratriacontane (C34)	19.305	541601	5.325 ug/ml
20) T n-Hexatriacontane (C36)	20.041	524715	5.325 ug/ml
21) T n-Octatriacontane (C38)	20.773	516564	5.287 ug/ml
22) T n-Tetracontane (C40)	21.678	500135	5.229 ug/ml

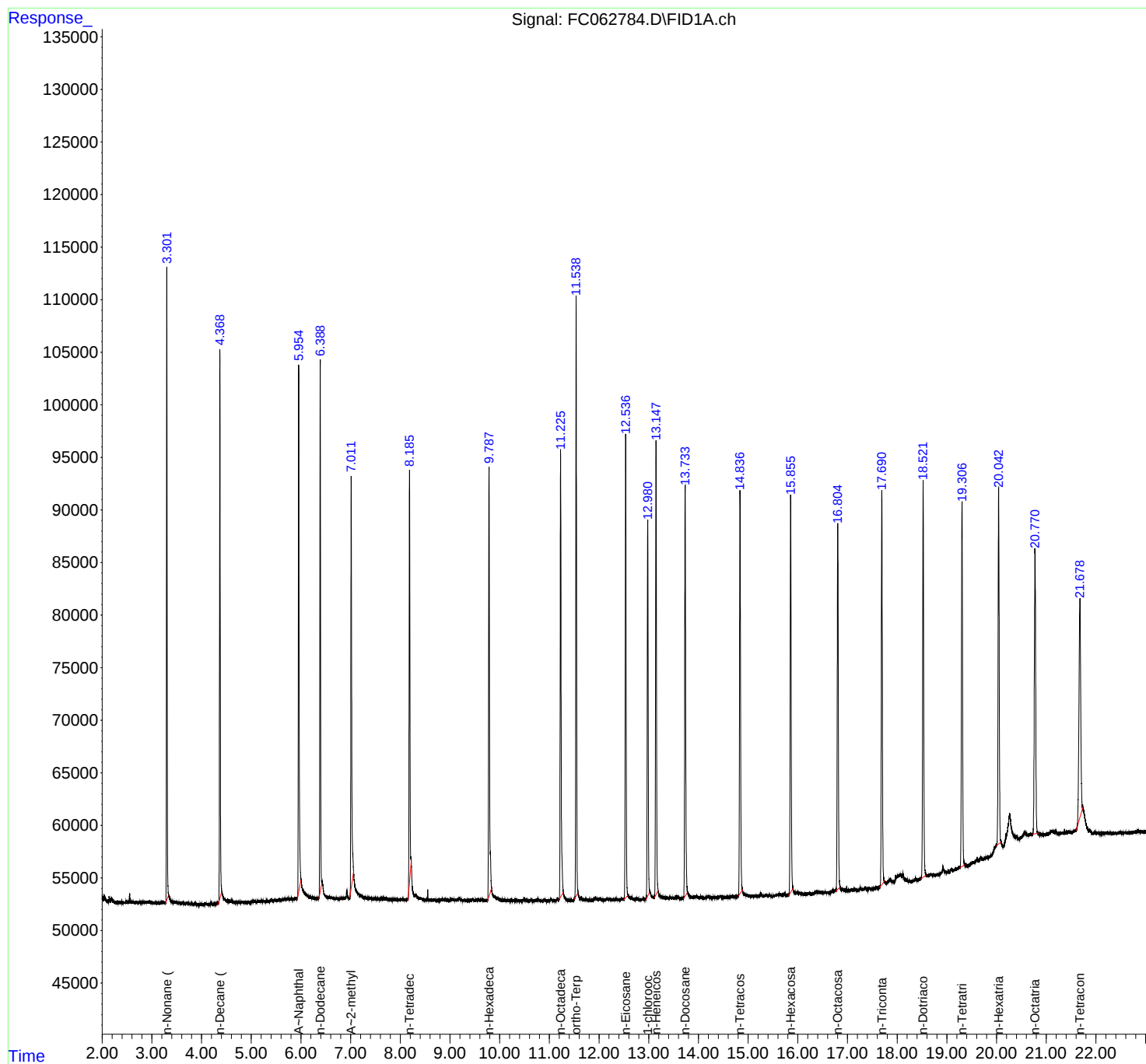
(f)=RT Delta > 1/2 Window

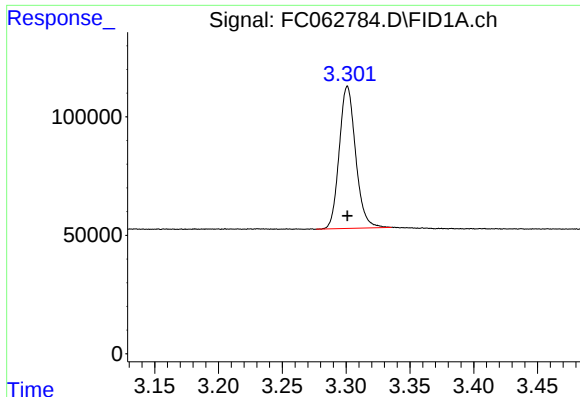
(m)=manual int.

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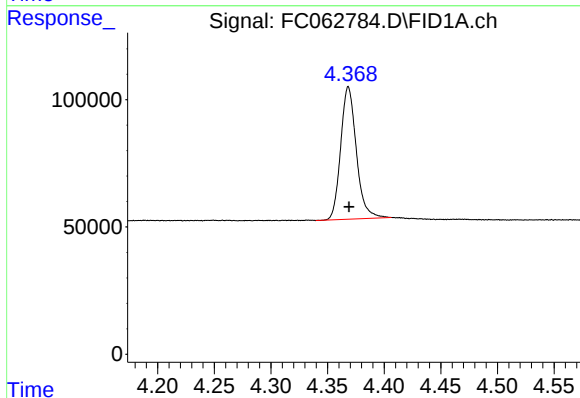
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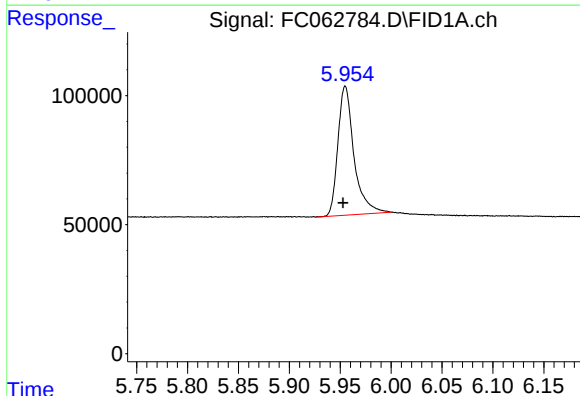
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 536136
Conc: 5.07 ug/ml



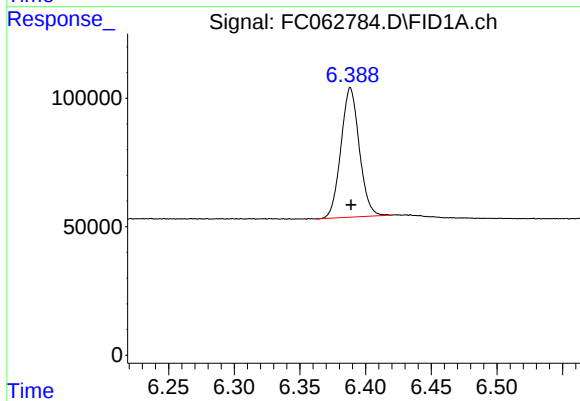
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 499465
Conc: 4.89 ug/ml



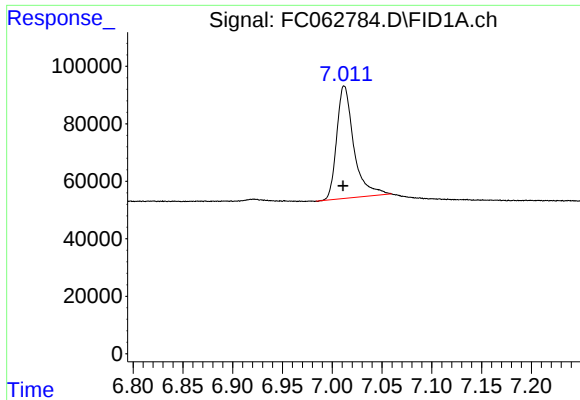
#3 A~Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: 0.002 min
Response: 549722
Conc: 4.68 ug/ml



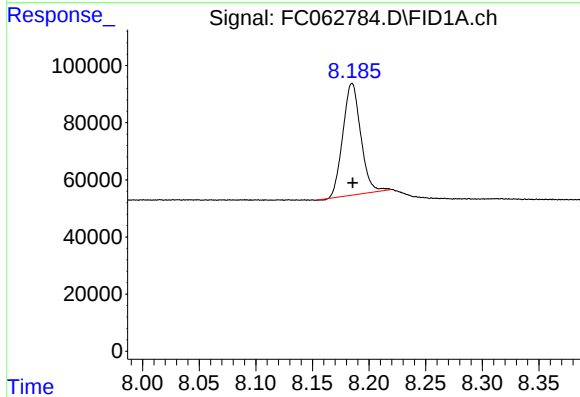
#4 n-Dodecane (C12)

R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 490788
Conc: 4.82 ug/ml



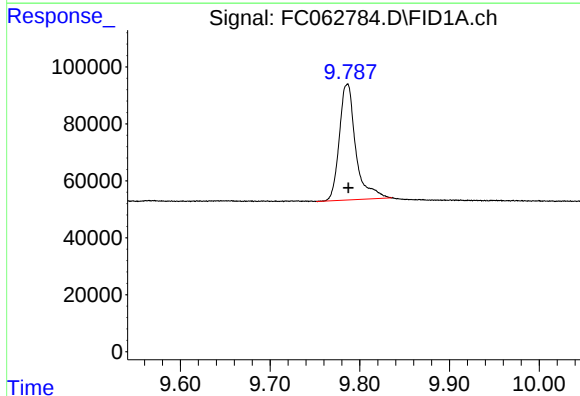
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.012 min
Delta R.T.: 0.001 min
Response: 467498
Conc: 4.23 ug/ml



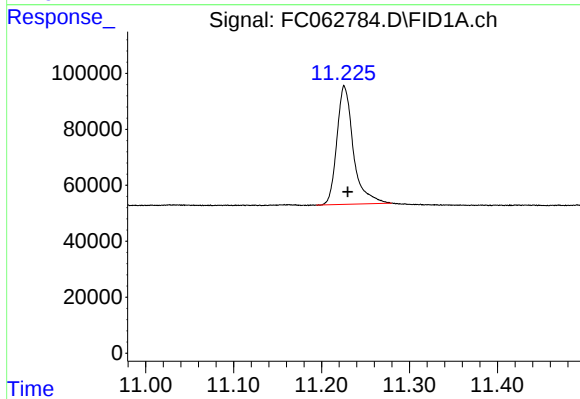
#6 n-Tetradecane (C14)

R.T.: 8.185 min
Delta R.T.: 0.000 min
Response: 429128
Conc: 4.11 ug/ml



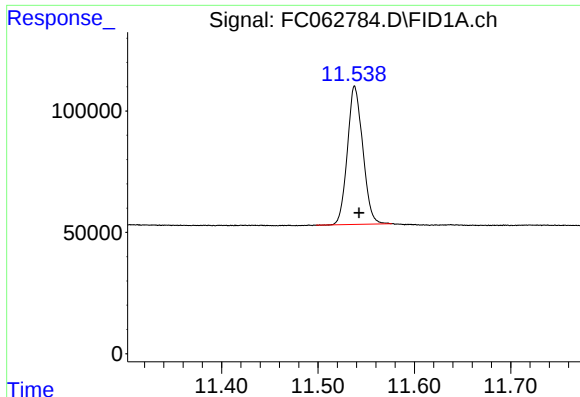
#7 n-Hexadecane (C16)

R.T.: 9.786 min
Delta R.T.: -0.001 min
Response: 516946
Conc: 4.81 ug/ml



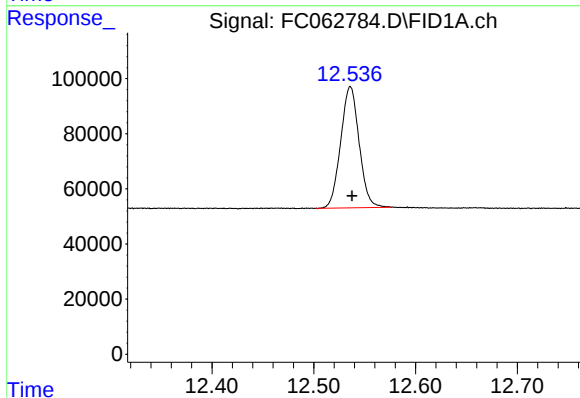
#8 n-Octadecane (C18)

R.T.: 11.226 min
Delta R.T.: -0.004 min
Response: 550154
Conc: 5.01 ug/ml



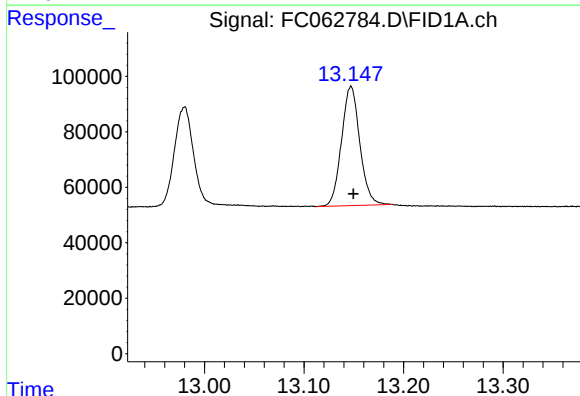
#9 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: -0.004 min
Response: 627594
Conc: 5.15 ug/ml



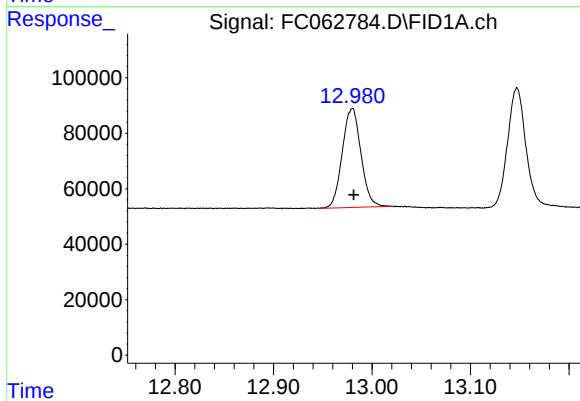
#10 n-Eicosane (C20)

R.T.: 12.536 min
Delta R.T.: -0.002 min
Response: 553424
Conc: 5.16 ug/ml



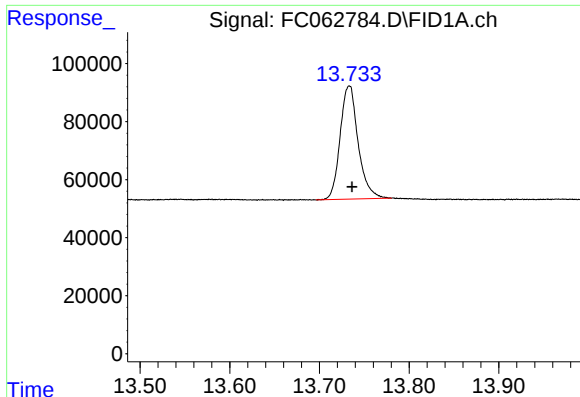
#11 n-Heneicosane (C21)

R.T.: 13.147 min
Delta R.T.: -0.002 min
Response: 548182
Conc: 5.12 ug/ml



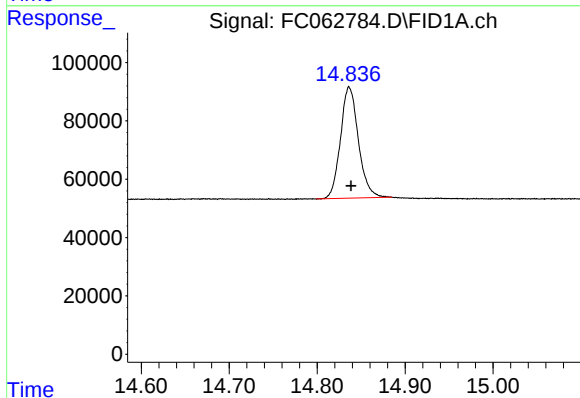
#12 1-chlorooctadecane (SURR)

R.T.: 12.980 min
Delta R.T.: -0.002 min
Response: 470395
Conc: 5.07 ug/ml



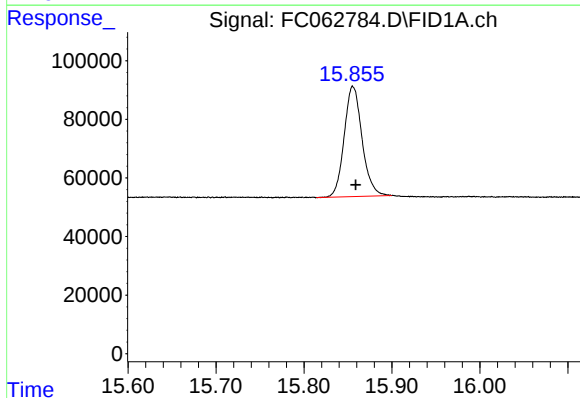
#13 n-Docosane (C22)

R.T.: 13.733 min
Delta R.T.: -0.003 min
Response: 545053
Conc: 5.14 ug/ml



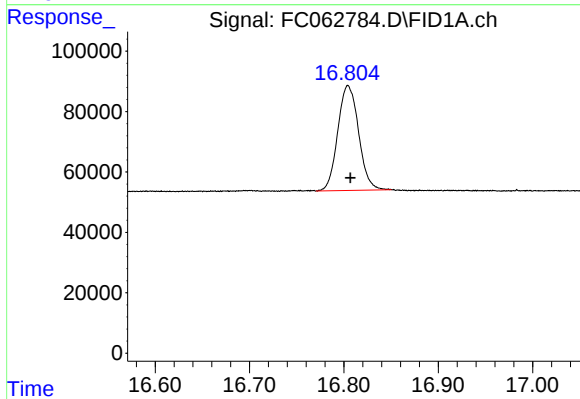
#14 n-Tetracosane (C24)

R.T.: 14.836 min
Delta R.T.: -0.002 min
Response: 539443
Conc: 5.12 ug/ml



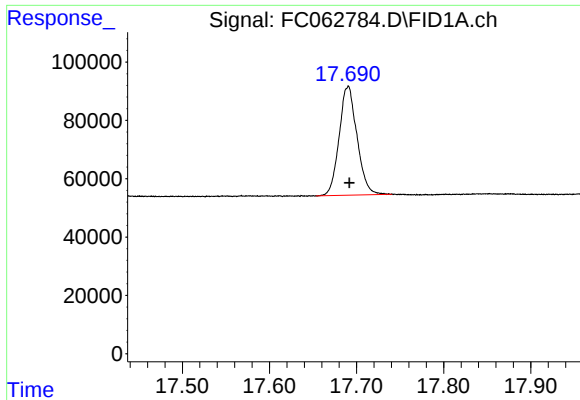
#15 n-Hexacosane (C26)

R.T.: 15.856 min
Delta R.T.: -0.003 min
Response: 532563
Conc: 5.13 ug/ml



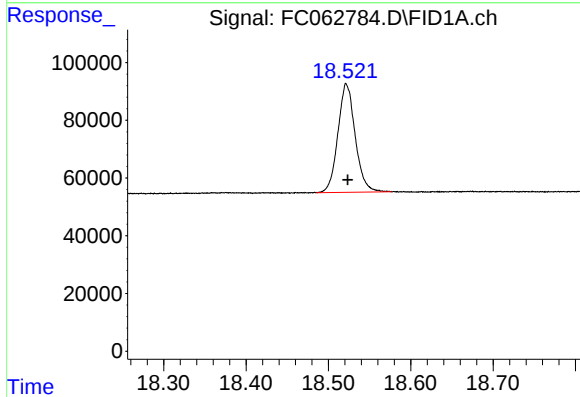
#16 n-Octacosane (C28)

R.T.: 16.804 min
Delta R.T.: -0.003 min
Response: 532049
Conc: 5.19 ug/ml



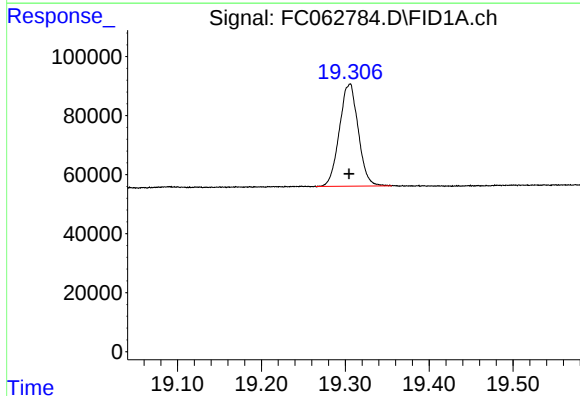
#17 n-Tricontane (C30)

R.T.: 17.690 min
Delta R.T.: -0.002 min
Response: 532022
Conc: 5.22 ug/ml



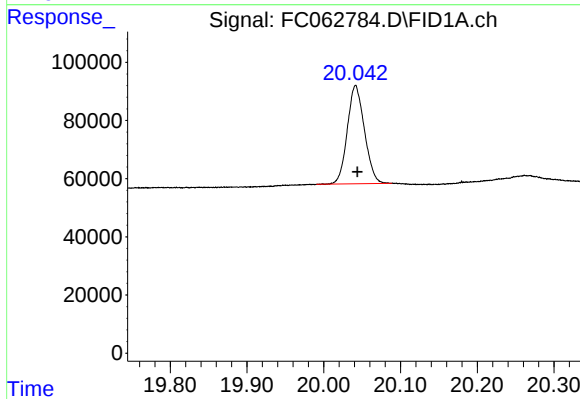
#18 n-Dotriacontane (C32)

R.T.: 18.522 min
Delta R.T.: -0.002 min
Response: 547965
Conc: 5.27 ug/ml



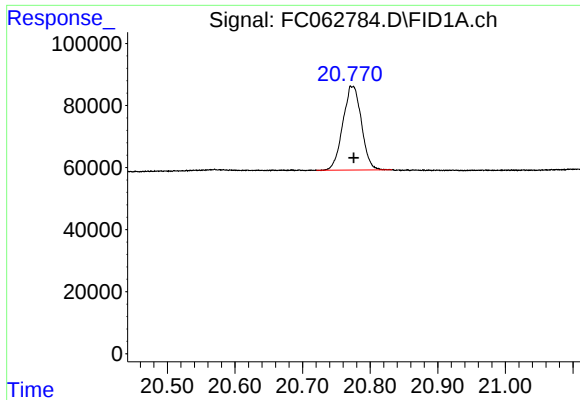
#19 n-Tetratriacontane (C34)

R.T.: 19.305 min
Delta R.T.: 0.000 min
Response: 541601
Conc: 5.32 ug/ml



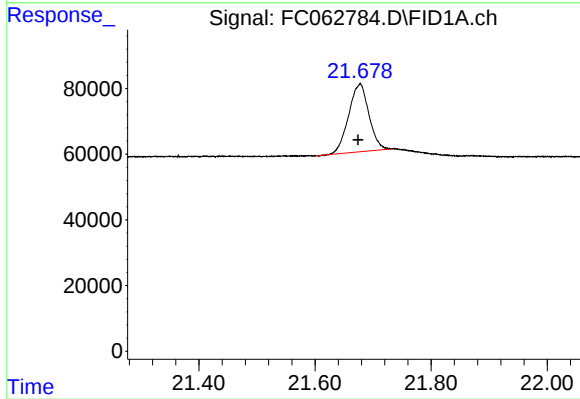
#20 n-Hexatriacontane (C36)

R.T.: 20.041 min
Delta R.T.: -0.002 min
Response: 524715
Conc: 5.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.773 min
Delta R.T.: -0.003 min
Response: 516564
Conc: 5.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.678 min
Delta R.T.: 0.004 min
Response: 500135
Conc: 5.23 ug/ml