

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030124AL\
 Data File : FG013606.D
 Signal(s) : FID1A.ch
 Acq On : 01 Mar 2024 11:56
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 02 01:32:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 22:40:01 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)	11.968	2794744	19.427 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
12) S 1-chlorooctadecane (S...	13.409	2161118	19.809 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
Target Compounds			
1) T n-Nonane (C9)	3.330	2619652	20.260 ug/ml
2) T n-Decane (C10)	4.584	2681956	20.283 ug/ml
3) T A~Naphthalene (C11.7)	6.291	2899363	20.015 ug/ml
4) T n-Dodecane (C12)	6.754	2702926	20.178 ug/ml
5) T A~2-methylnaphthalene...	7.390	2800800	19.961 ug/ml
6) T n-Tetradecane (C14)	8.586	2675251	20.090 ug/ml
7) T n-Hexadecane (C16)	10.200	2747533	19.993 ug/ml
8) T n-Octadecane (C18)	11.649	2746572	19.843 ug/ml
10) T n-Eicosane (C20)	12.963	2610370	19.744 ug/ml
11) T n-Heneicosane (C21)	13.577	2537449	19.582 ug/ml
13) T n-Docosane (C22)	14.166	2532866	19.736 ug/ml
14) T n-Tetracosane (C24)	15.272	2528221	20.068 ug/ml
15) T n-Hexacosane (C26)	16.297	2479341	20.314 ug/ml
16) T n-Octacosane (C28)	17.250	2444528	20.796 ug/ml
17) T n-Tricontane (C30)	18.142	2487489	21.201 ug/ml
18) T n-Dotriacontane (C32)	18.976	2432653	21.495 ug/ml
19) T n-Tetratriacontane (C34)	19.764	2315461	21.311 ug/ml
20) T n-Hexatriacontane (C36)	20.506	2187672	21.041 ug/ml
21) T n-Octatriacontane (C38)	21.261	2296554	22.202 ug/ml
22) T n-Tetracontane (C40)	22.205	2380506	23.308 ug/ml

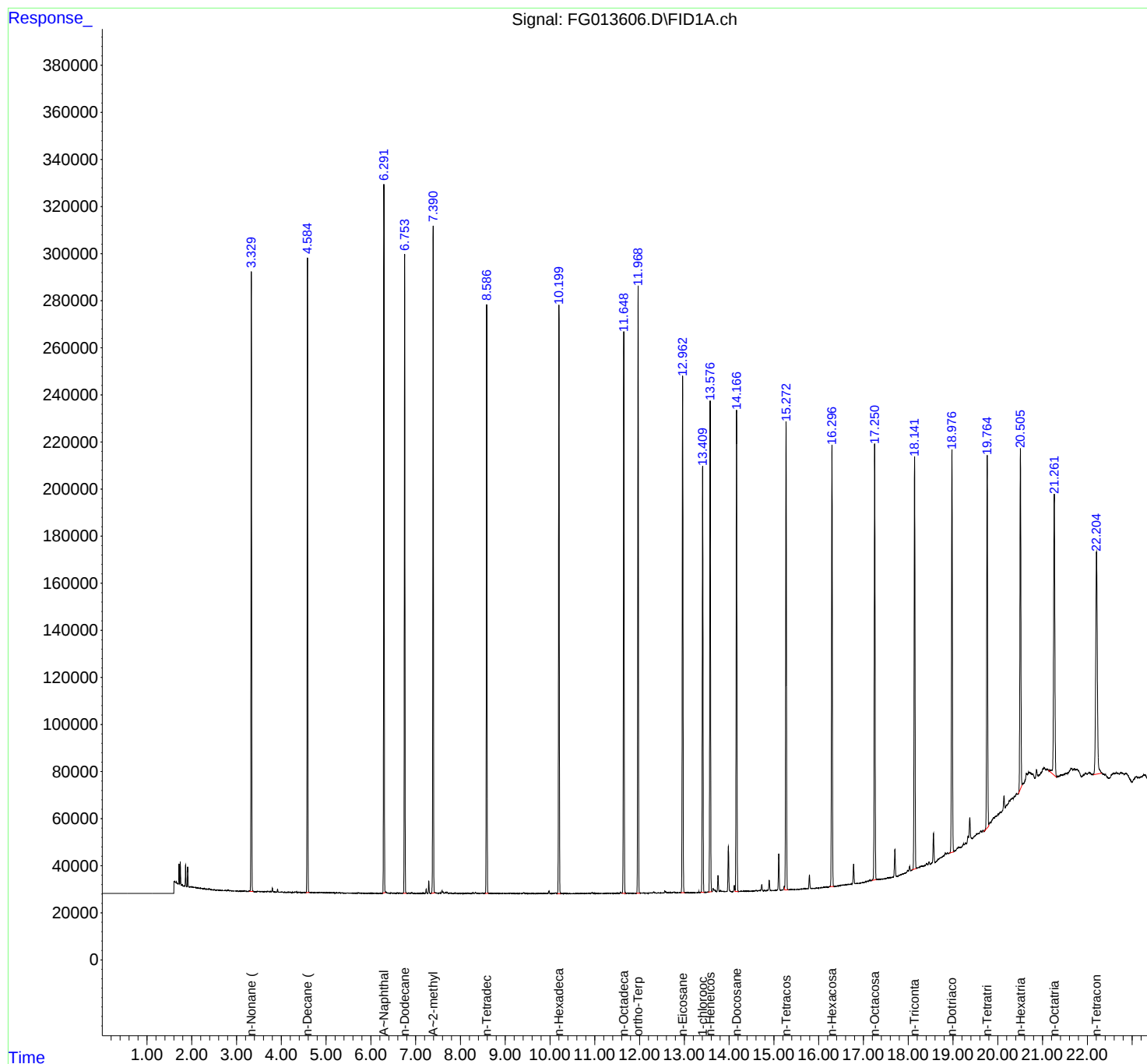
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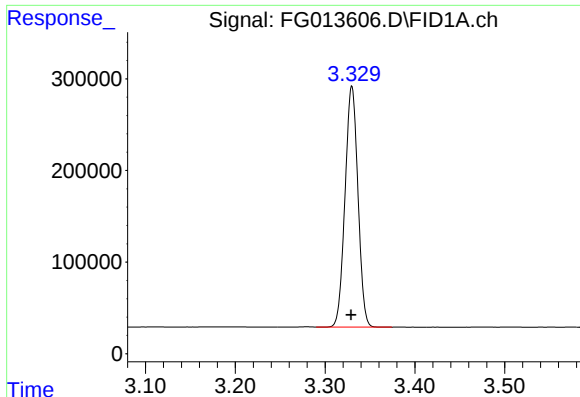
(m)=manual int.

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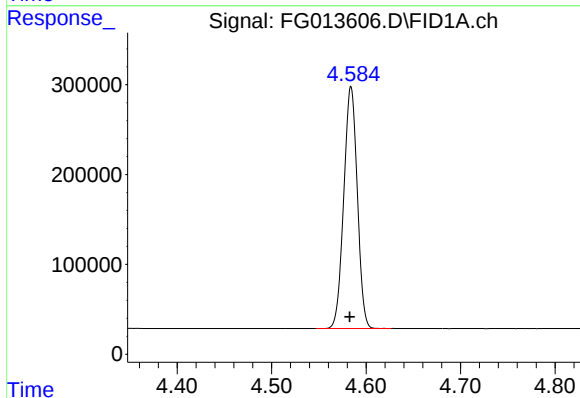
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





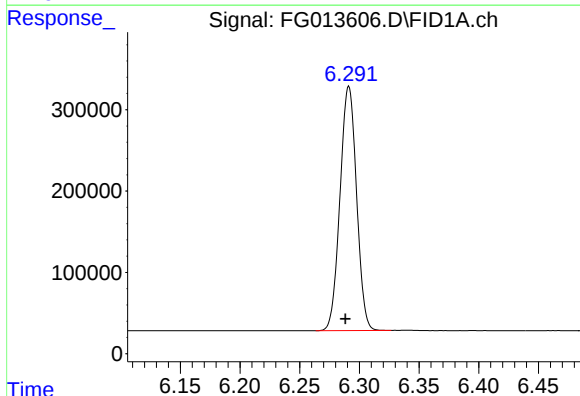
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 2619652
Conc: 20.26 ug/ml



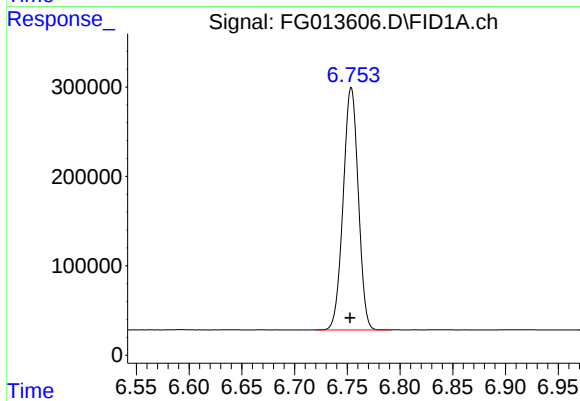
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: 0.001 min
Response: 2681956
Conc: 20.28 ug/ml



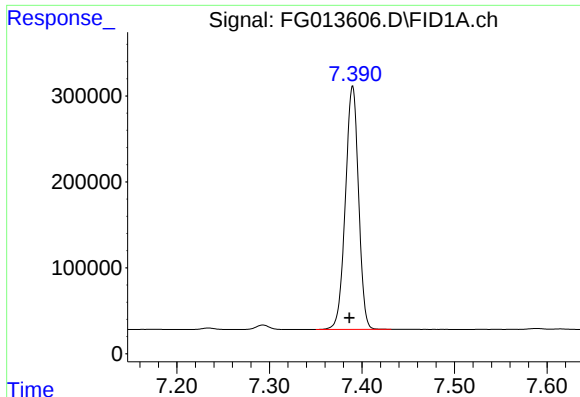
#3 A~Naphthalene (C11.7)

R.T.: 6.291 min
Delta R.T.: 0.003 min
Response: 2899363
Conc: 20.01 ug/ml



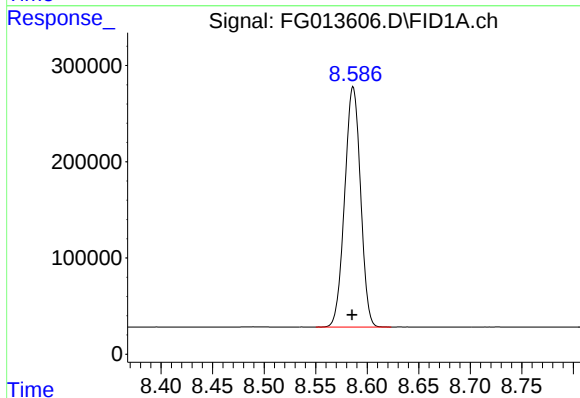
#4 n-Dodecane (C12)

R.T.: 6.754 min
Delta R.T.: 0.001 min
Response: 2702926
Conc: 20.18 ug/ml



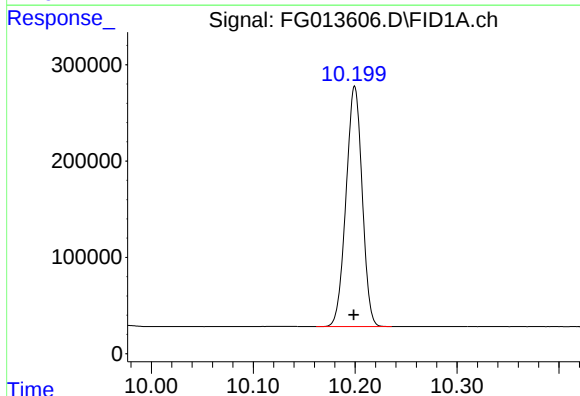
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.390 min
Delta R.T.: 0.004 min
Response: 2800800
Conc: 19.96 ug/ml



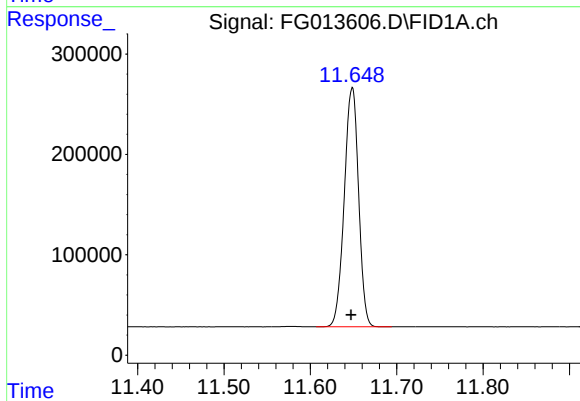
#6 n-Tetradecane (C14)

R.T.: 8.586 min
Delta R.T.: 0.001 min
Response: 2675251
Conc: 20.09 ug/ml



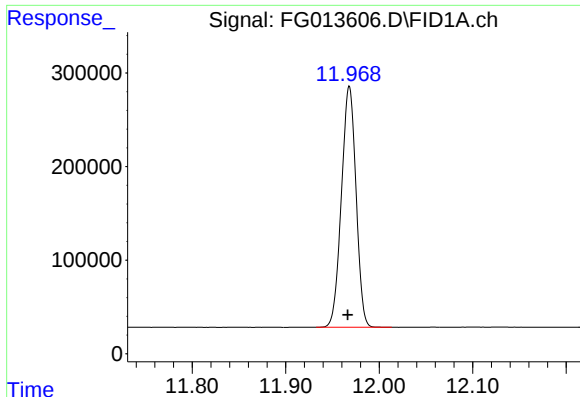
#7 n-Hexadecane (C16)

R.T.: 10.200 min
Delta R.T.: 0.000 min
Response: 2747533
Conc: 19.99 ug/ml



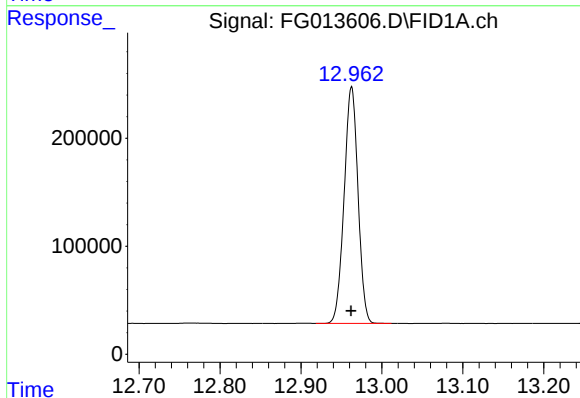
#8 n-Octadecane (C18)

R.T.: 11.649 min
Delta R.T.: 0.001 min
Response: 2746572
Conc: 19.84 ug/ml



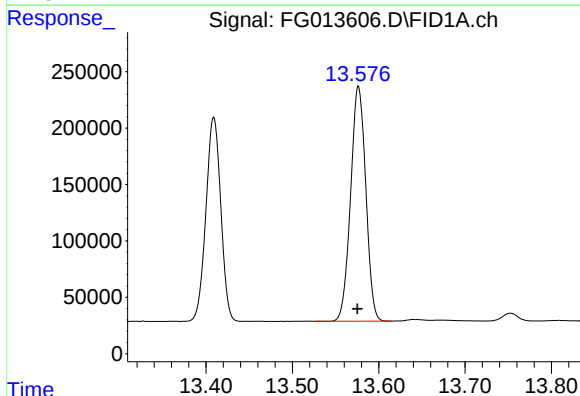
#9 ortho-Terphenyl (SURR)

R.T.: 11.968 min
Delta R.T.: 0.002 min
Response: 2794744
Conc: 19.43 ug/ml



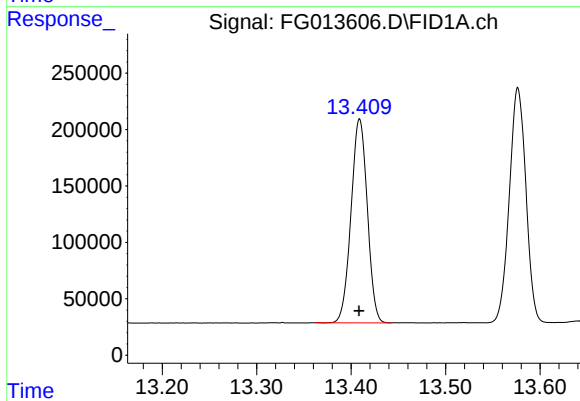
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.000 min
Response: 2610370
Conc: 19.74 ug/ml



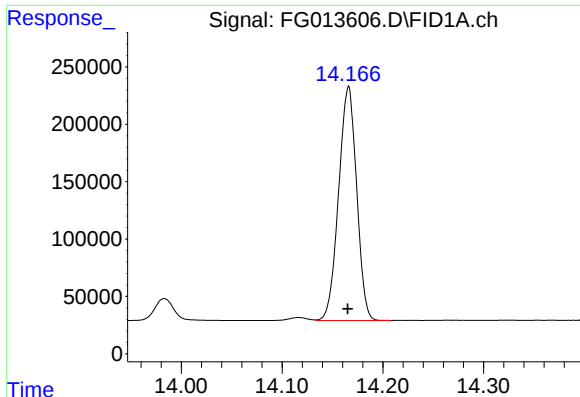
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: 0.000 min
Response: 2537449
Conc: 19.58 ug/ml



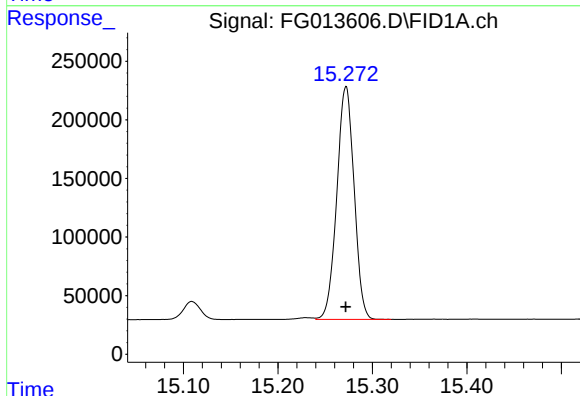
#12 1-chlorooctadecane (SURR)

R.T.: 13.409 min
Delta R.T.: 0.000 min
Response: 2161118
Conc: 19.81 ug/ml



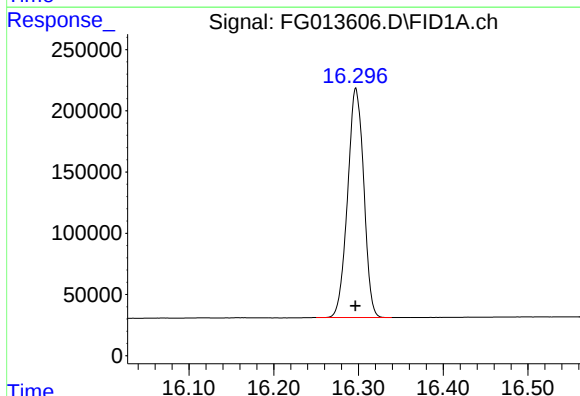
#13 n-Docosane (C22)

R.T.: 14.166 min
Delta R.T.: 0.000 min
Response: 2532866
Conc: 19.74 ug/ml



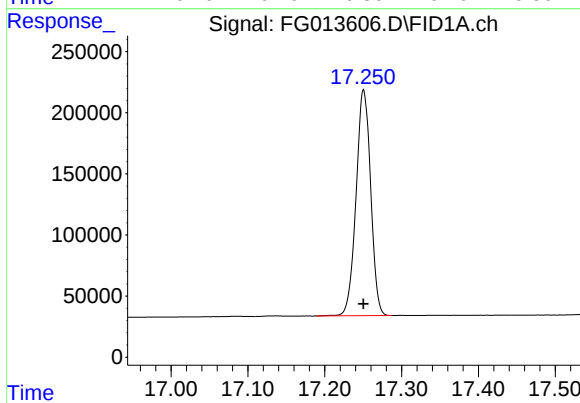
#14 n-Tetracosane (C24)

R.T.: 15.272 min
Delta R.T.: 0.000 min
Response: 2528221
Conc: 20.07 ug/ml



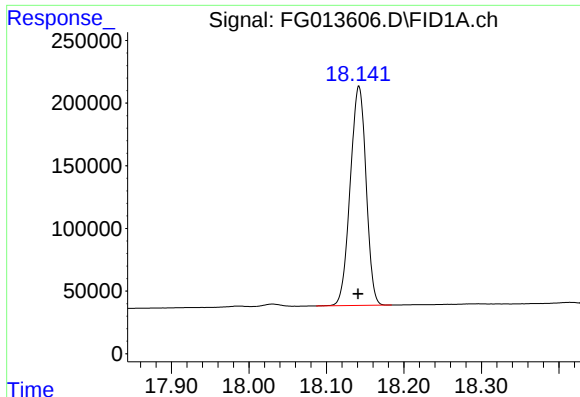
#15 n-Hexacosane (C26)

R.T.: 16.297 min
Delta R.T.: 0.000 min
Response: 2479341
Conc: 20.31 ug/ml



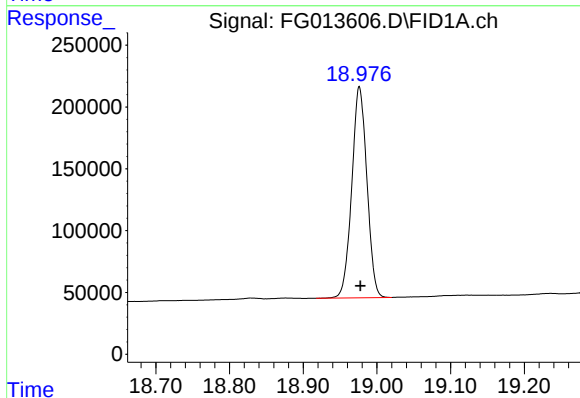
#16 n-Octacosane (C28)

R.T.: 17.250 min
Delta R.T.: 0.000 min
Response: 2444528
Conc: 20.80 ug/ml



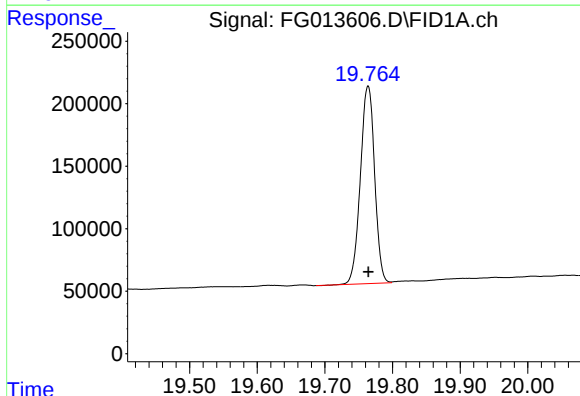
#17 n-Tricontane (C30)

R.T.: 18.142 min
Delta R.T.: 0.001 min
Response: 2487489
Conc: 21.20 ug/ml



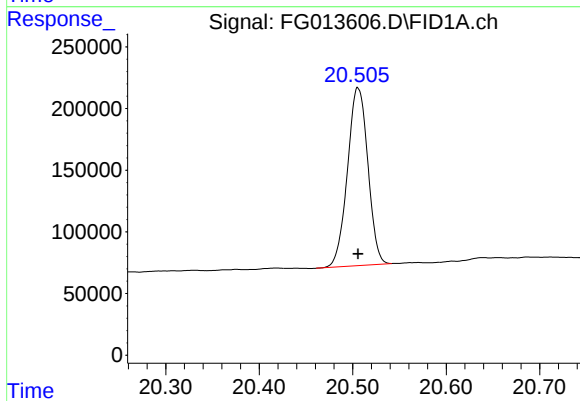
#18 n-Dotriacontane (C32)

R.T.: 18.976 min
Delta R.T.: -0.002 min
Response: 2432653
Conc: 21.49 ug/ml



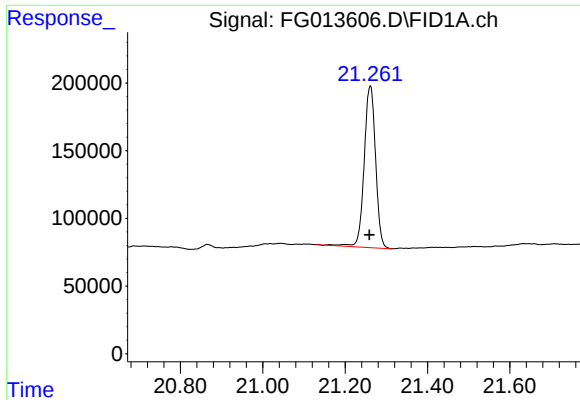
#19 n-Tetratriacontane (C34)

R.T.: 19.764 min
Delta R.T.: 0.000 min
Response: 2315461
Conc: 21.31 ug/ml



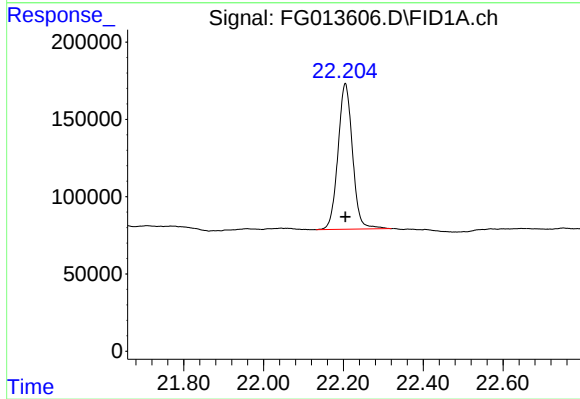
#20 n-Hexatriacontane (C36)

R.T.: 20.506 min
Delta R.T.: 0.000 min
Response: 2187672
Conc: 21.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.261 min
Delta R.T.: 0.001 min
Response: 2296554
Conc: 22.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.205 min
Delta R.T.: 0.000 min
Response: 2380506
Conc: 23.31 ug/ml