

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082925AL\
 Data File : FF016272.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2025 08:37
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 30 01:45:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 03:35:42 2025
 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)	11.976	2867666	19.827 ug/ml
Spiked Amount 50.000		Recovery =	39.65%
12) S 1-chlorooctadecane (S...	13.416	2194273	19.672 ug/ml
Spiked Amount 50.000		Recovery =	39.34%
Target Compounds			
1) T n-Nonane (C9)	3.332	2323335	19.872 ug/ml
2) T n-Decane (C10)	4.593	2366326	19.978 ug/ml
3) T A~Naphthalene (C11.7)	6.303	2608526	19.973 ug/ml
4) T n-Dodecane (C12)	6.770	2392510	19.932 ug/ml
5) T A~2-methylnaphthalene...	7.402	2544240	19.983 ug/ml
6) T n-Tetradecane (C14)	8.604	2404666	19.956 ug/ml
7) T n-Hexadecane (C16)	10.213	2431416	19.469 ug/ml
8) T n-Octadecane (C18)	11.659	2561610	19.776 ug/ml
10) T n-Eicosane (C20)	12.971	2537808	19.847 ug/ml
11) T n-Heneicosane (C21)	13.584	2518172	19.833 ug/ml
13) T n-Docosane (C22)	14.172	2526559	19.900 ug/ml
14) T n-Tetracosane (C24)	15.278	2553668	19.963 ug/ml
15) T n-Hexacosane (C26)	16.302	2499814	19.998 ug/ml
16) T n-Octacosane (C28)	17.253	2472614	20.181 ug/ml
17) T n-Tricontane (C30)	18.144	2553441	20.503 ug/ml
18) T n-Dotriacontane (C32)	18.979	2495624	20.706 ug/ml
19) T n-Tetratriacontane (C34)	19.765	2266190	20.781 ug/ml
20) T n-Hexatriacontane (C36)	20.507	1927492	20.652 ug/ml
21) T n-Octatriacontane (C38)	21.267	1706134	20.287 ug/ml
22) T n-Tetracontane (C40)	22.218	1592370	20.283 ug/ml

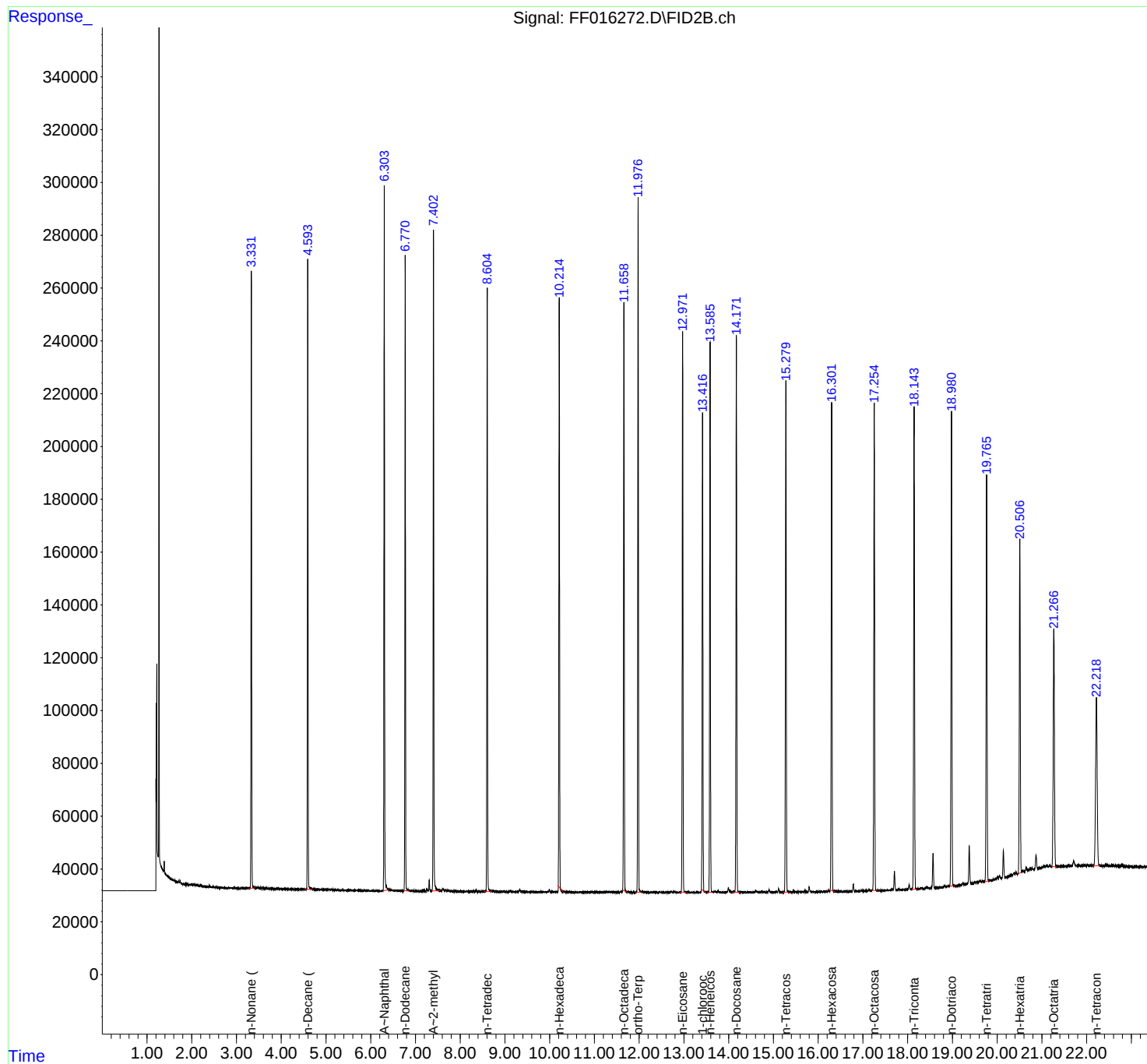
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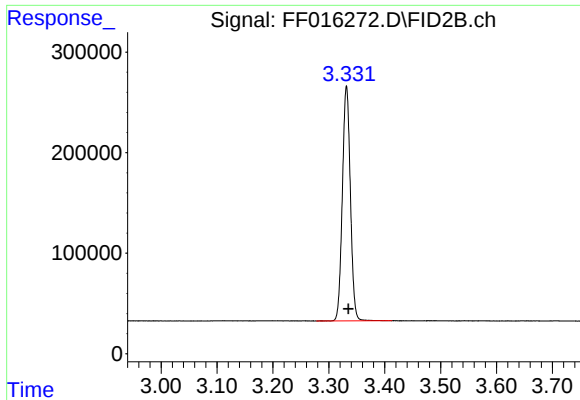
(m)=manual int.

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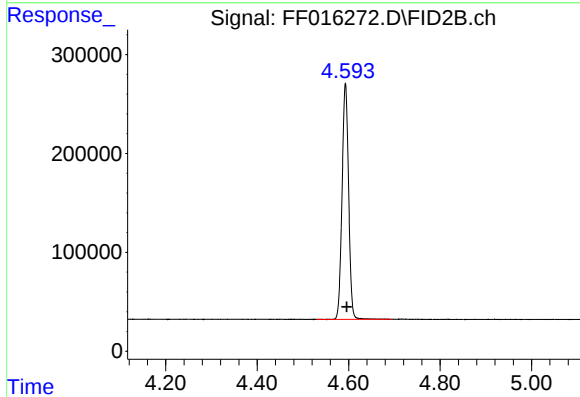
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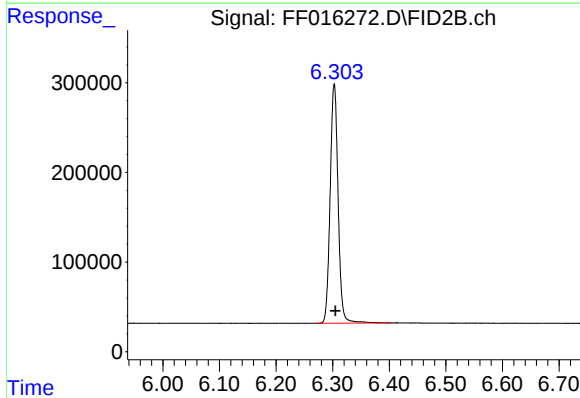
#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: -0.003 min
Response: 2323335
Conc: 19.87 ug/ml



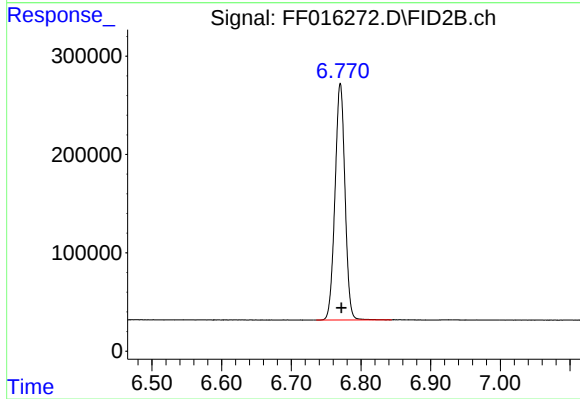
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: -0.003 min
Response: 2366326
Conc: 19.98 ug/ml



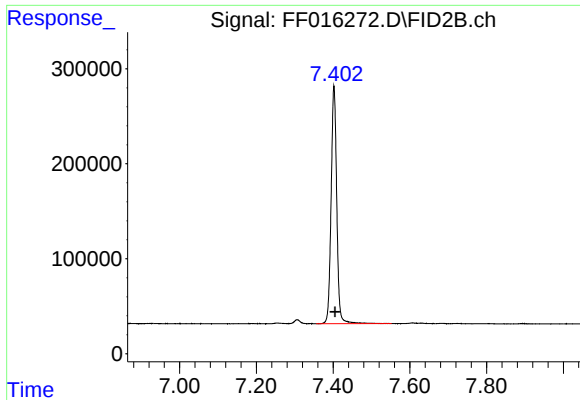
#3 A~Naphthalene (C11.7)

R.T.: 6.303 min
Delta R.T.: -0.002 min
Response: 2608526
Conc: 19.97 ug/ml



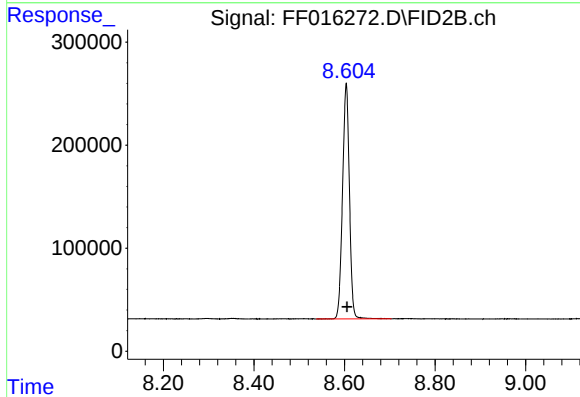
#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: -0.002 min
Response: 2392510
Conc: 19.93 ug/ml



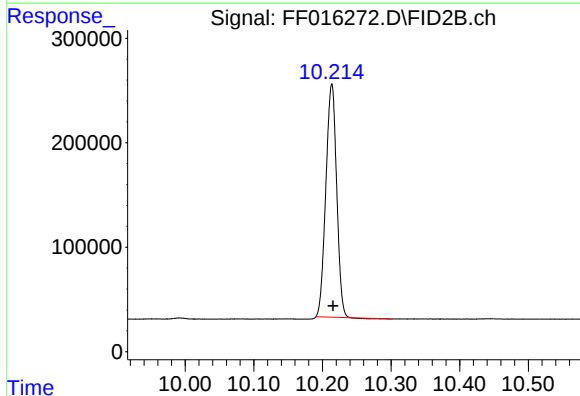
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.402 min
Delta R.T.: -0.002 min
Response: 2544240
Conc: 19.98 ug/ml



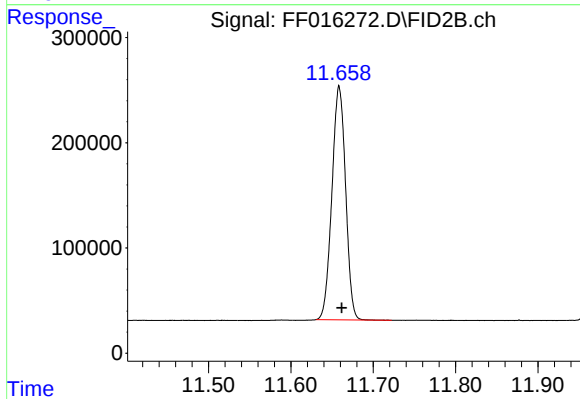
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: -0.002 min
Response: 2404666
Conc: 19.96 ug/ml



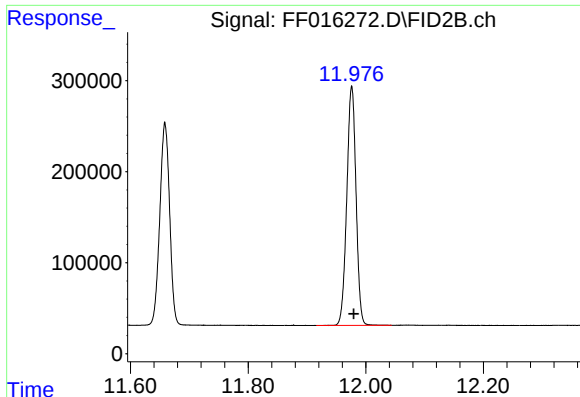
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: -0.002 min
Response: 2431416
Conc: 19.47 ug/ml



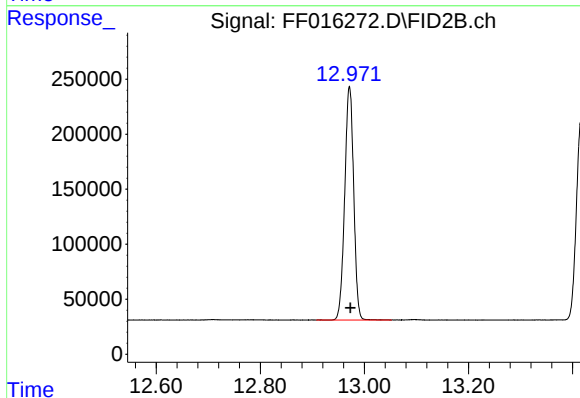
#8 n-Octadecane (C18)

R.T.: 11.659 min
Delta R.T.: -0.003 min
Response: 2561610
Conc: 19.78 ug/ml



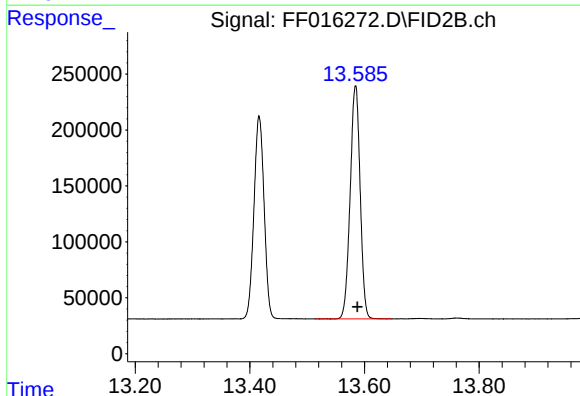
#9 ortho-Terphenyl (SURR)

R.T.: 11.976 min
Delta R.T.: -0.003 min
Response: 2867666
Conc: 19.83 ug/ml



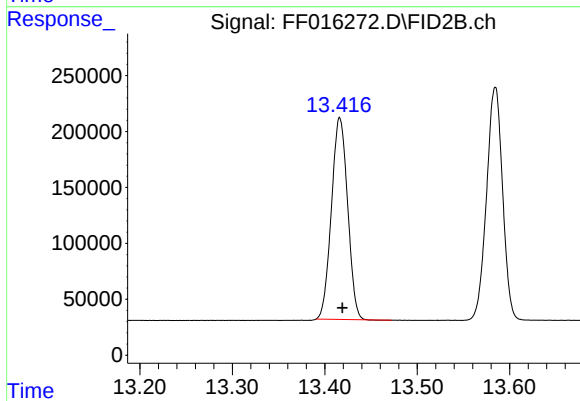
#10 n-Eicosane (C20)

R.T.: 12.971 min
Delta R.T.: -0.002 min
Response: 2537808
Conc: 19.85 ug/ml



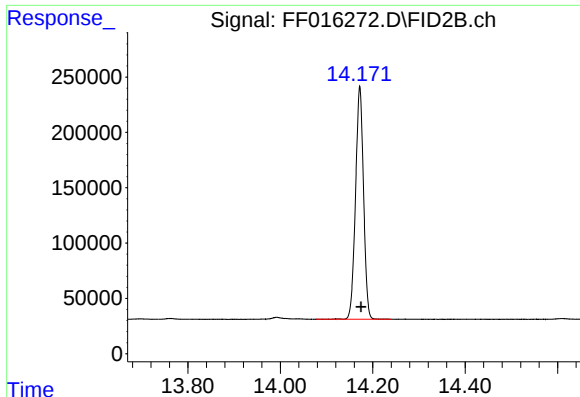
#11 n-Heneicosane (C21)

R.T.: 13.584 min
Delta R.T.: -0.003 min
Response: 2518172
Conc: 19.83 ug/ml



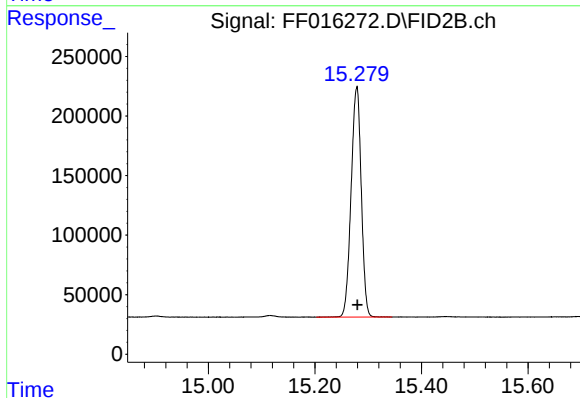
#12 1-chlorooctadecane (SURR)

R.T.: 13.416 min
Delta R.T.: -0.003 min
Response: 2194273
Conc: 19.67 ug/ml



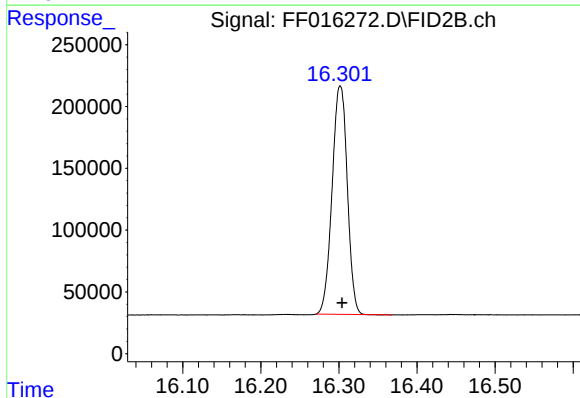
#13 n-Docosane (C22)

R.T.: 14.172 min
Delta R.T.: -0.003 min
Response: 2526559
Conc: 19.90 ug/ml



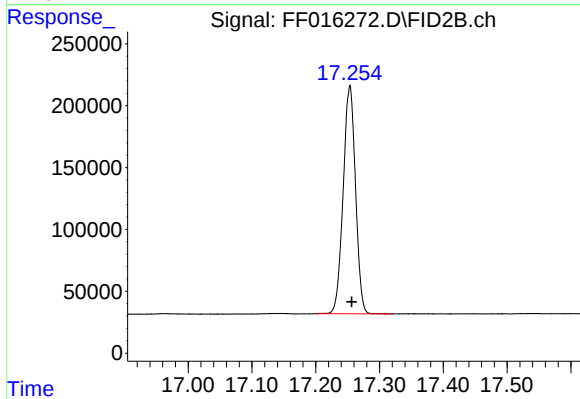
#14 n-Tetracosane (C24)

R.T.: 15.278 min
Delta R.T.: -0.002 min
Response: 2553668
Conc: 19.96 ug/ml



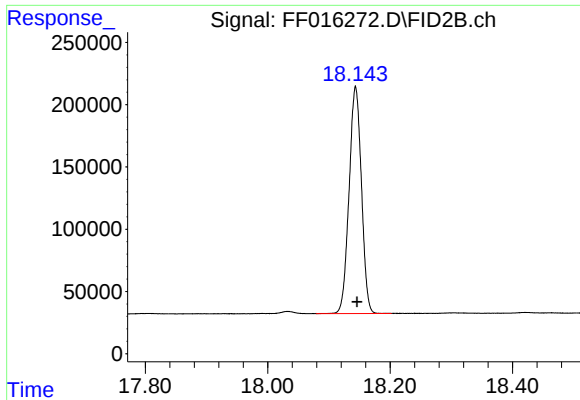
#15 n-Hexacosane (C26)

R.T.: 16.302 min
Delta R.T.: -0.002 min
Response: 2499814
Conc: 20.00 ug/ml



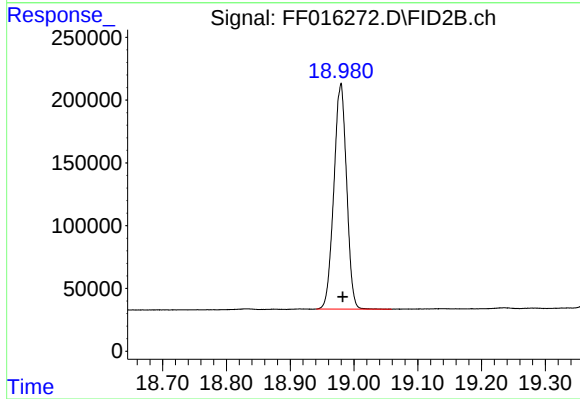
#16 n-Octacosane (C28)

R.T.: 17.253 min
Delta R.T.: -0.003 min
Response: 2472614
Conc: 20.18 ug/ml



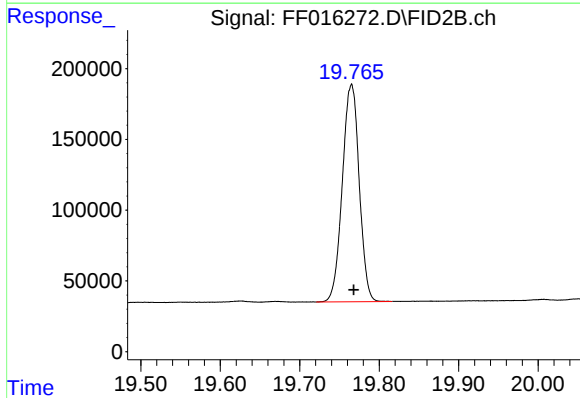
#17 n-Tricontane (C30)

R.T.: 18.144 min
Delta R.T.: -0.003 min
Response: 2553441
Conc: 20.50 ug/ml



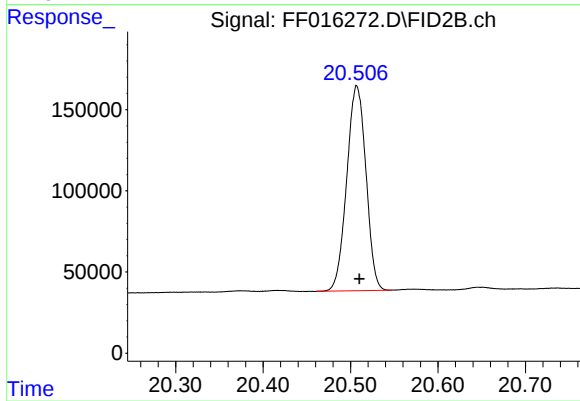
#18 n-Dotriacontane (C32)

R.T.: 18.979 min
Delta R.T.: -0.003 min
Response: 2495624
Conc: 20.71 ug/ml



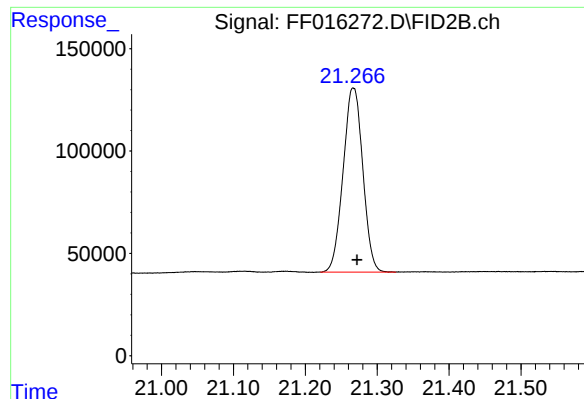
#19 n-Tetratriacontane (C34)

R.T.: 19.765 min
Delta R.T.: -0.003 min
Response: 2266190
Conc: 20.78 ug/ml



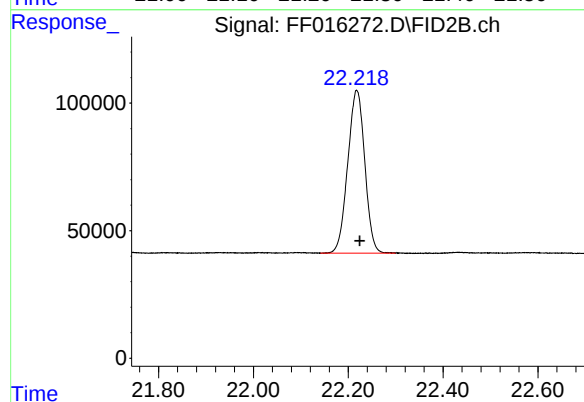
#20 n-Hexatriacontane (C36)

R.T.: 20.507 min
Delta R.T.: -0.003 min
Response: 1927492
Conc: 20.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.267 min
Delta R.T.: -0.005 min
Response: 1706134
Conc: 20.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.218 min
Delta R.T.: -0.006 min
Response: 1592370
Conc: 20.28 ug/ml