

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022723AL\
 Data File : FD045174.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2023 19:16
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 03:40:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 05:29:49 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)	11.450	2837266	18.417 ug/ml
Spiked Amount 50.000		Recovery =	36.83%
12) S 1-chlorooctadecane (S...	12.884	2099947	18.157 ug/ml
Spiked Amount 50.000		Recovery =	36.31%
Target Compounds			
1) T n-Nonane (C9)	3.267	2481268	18.249 ug/ml
2) T n-Decane (C10)	4.324	2472298	18.509 ug/ml
3) T A~Naphthalene (C11.7)	5.892	2869551	18.309 ug/ml
4) T n-Dodecane (C12)	6.329	2510086	18.564 ug/ml
5) T A~2-methylnaphthalene...	6.940	2716324	18.390 ug/ml
6) T n-Tetradecane (C14)	8.114	2537170	18.683 ug/ml
7) T n-Hexadecane (C16)	9.707	2596186	18.654 ug/ml
8) T n-Octadecane (C18)	11.142	2620783	18.680 ug/ml
10) T n-Eicosane (C20)	12.444	2535708	18.718 ug/ml
11) T n-Heneicosane (C21)	13.052	2503300	18.358 ug/ml
13) T n-Docosane (C22)	13.634	2523445	18.846 ug/ml
14) T n-Tetracosane (C24)	14.731	2562089	19.564 ug/ml
15) T n-Hexacosane (C26)	15.744	2532638	20.111 ug/ml
16) T n-Octacosane (C28)	16.688	2539528	20.721 ug/ml
17) T n-Tricontane (C30)	17.570	2560385	21.625 ug/ml
18) T n-Dotriacontane (C32)	18.396	2506488	21.411 ug/ml
19) T n-Tetratriacontane (C34)	19.173	2275204	19.792 ug/ml
20) T n-Hexatriacontane (C36)	19.907	2105062	19.166 ug/ml
21) T n-Octatriacontane (C38)	20.611	2008032	18.631 ug/ml
22) T n-Tetracontane (C40)	21.451	1941072	18.106 ug/ml

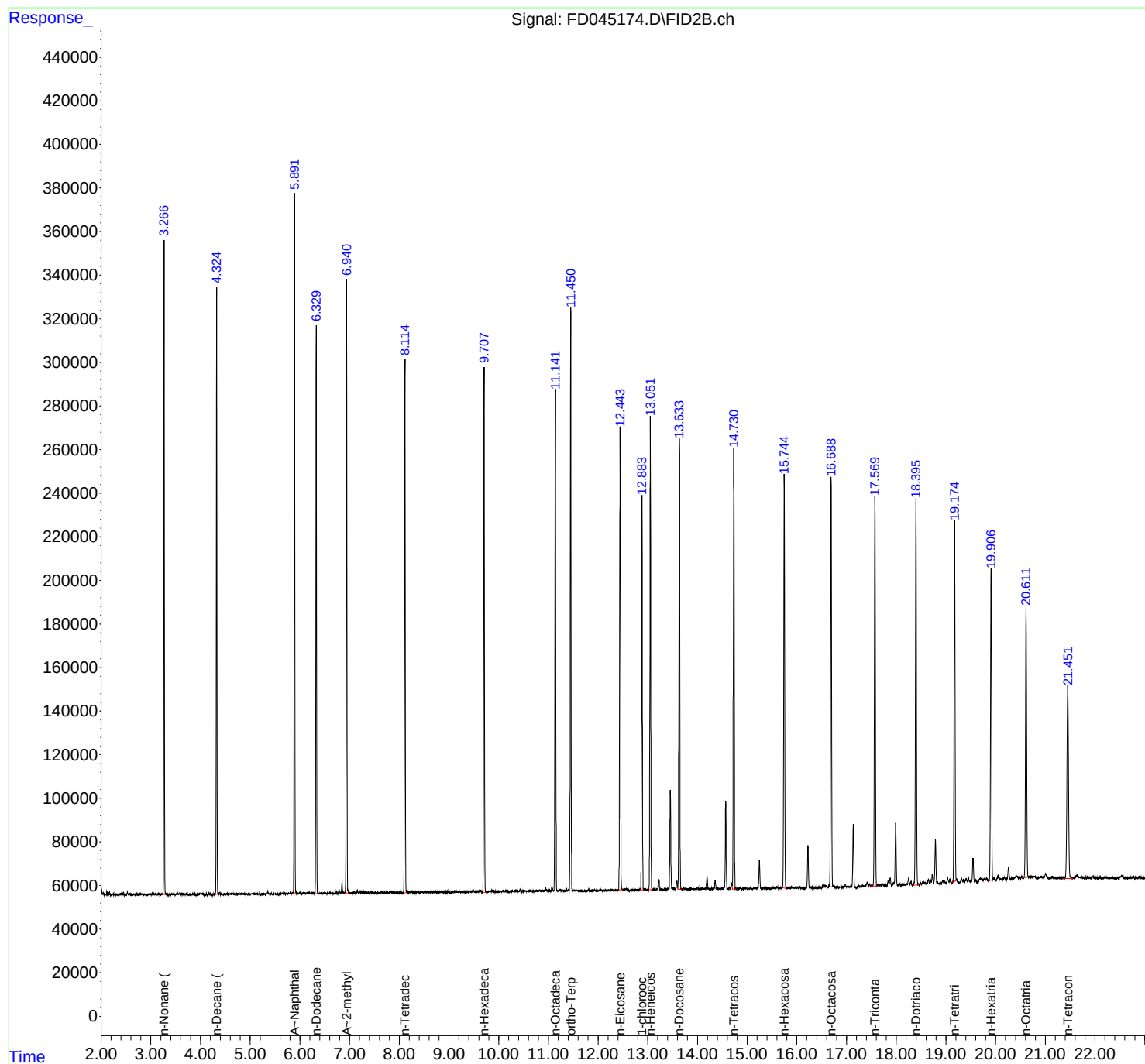
(f)=RT Delta > 1/2 Window

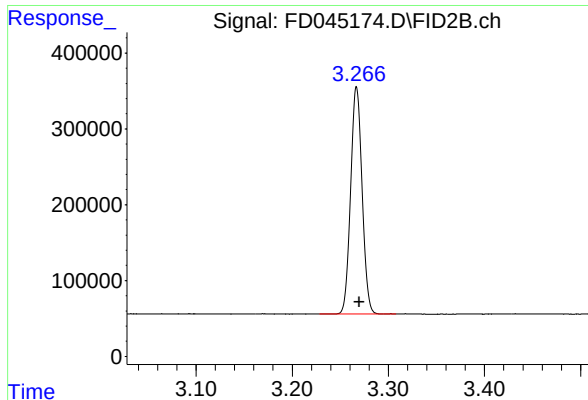
(m)=manual int.

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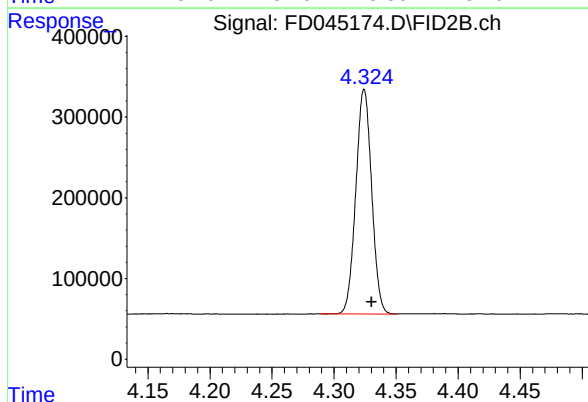
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Signal Info : 20M x 0.18mm x 0.18um





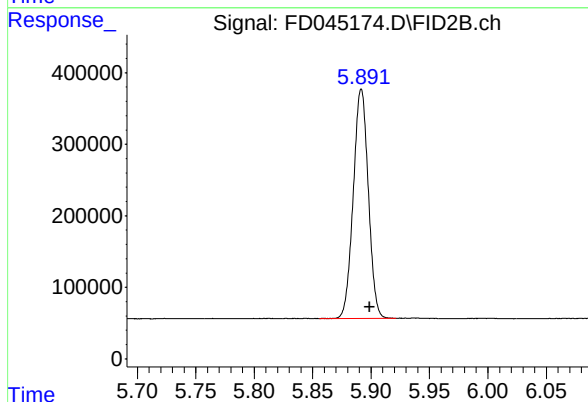
#1 n-Nonane (C9)

R.T.: 3.267 min
Delta R.T.: -0.003 min
Response: 2481268
Conc: 18.25 ug/ml



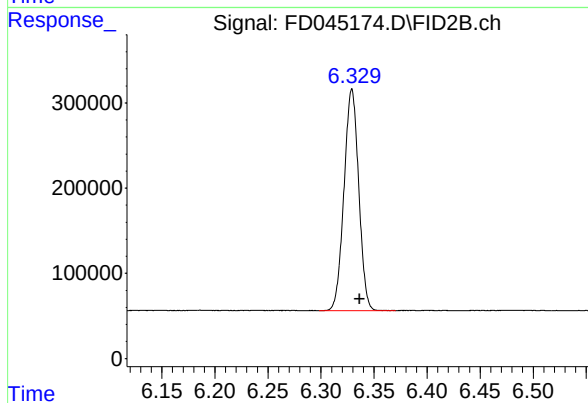
#2 n-Decane (C10)

R.T.: 4.324 min
Delta R.T.: -0.006 min
Response: 2472298
Conc: 18.51 ug/ml



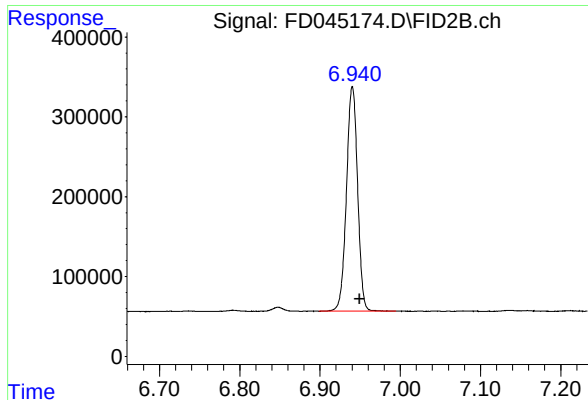
#3 A~Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: -0.007 min
Response: 2869551
Conc: 18.31 ug/ml



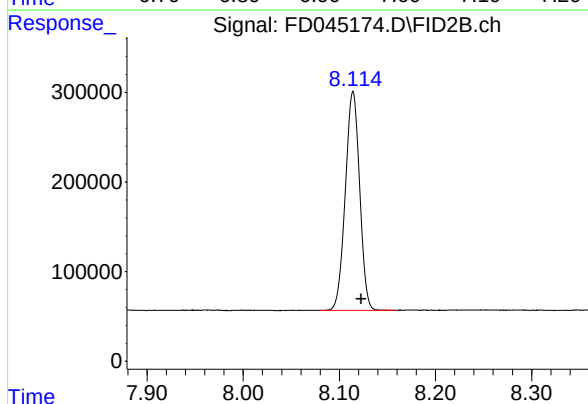
#4 n-Dodecane (C12)

R.T.: 6.329 min
Delta R.T.: -0.007 min
Response: 2510086
Conc: 18.56 ug/ml



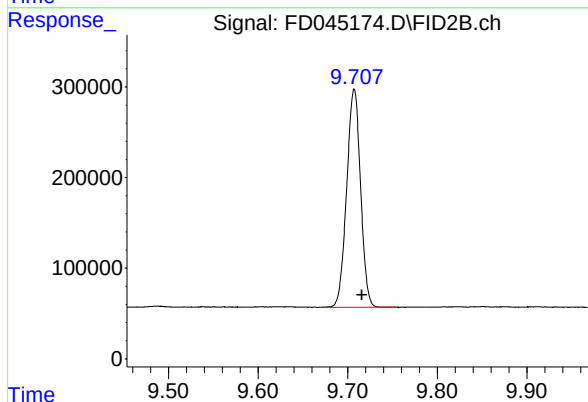
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.940 min
Delta R.T.: -0.009 min
Response: 2716324
Conc: 18.39 ug/ml



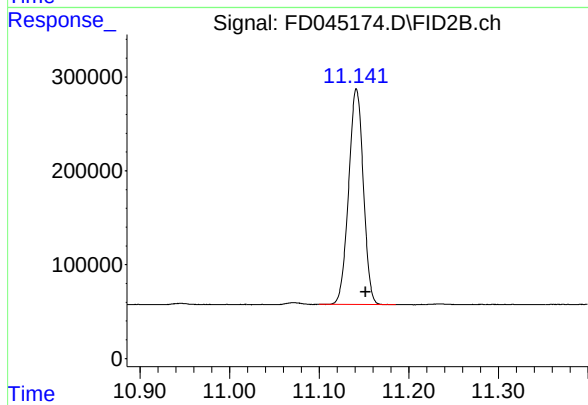
#6 n-Tetradecane (C14)

R.T.: 8.114 min
Delta R.T.: -0.009 min
Response: 2537170
Conc: 18.68 ug/ml



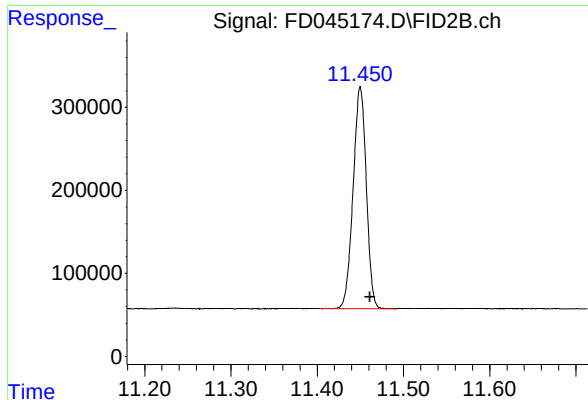
#7 n-Hexadecane (C16)

R.T.: 9.707 min
Delta R.T.: -0.009 min
Response: 2596186
Conc: 18.65 ug/ml



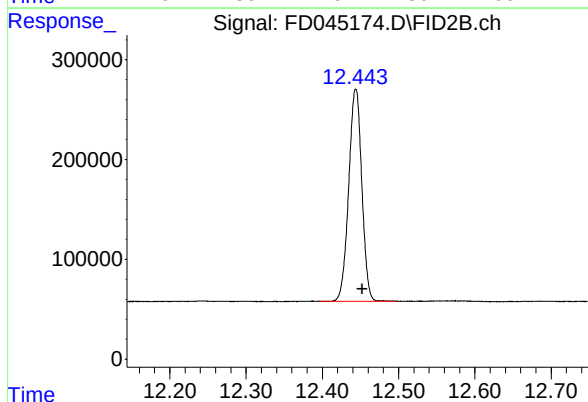
#8 n-Octadecane (C18)

R.T.: 11.142 min
Delta R.T.: -0.010 min
Response: 2620783
Conc: 18.68 ug/ml



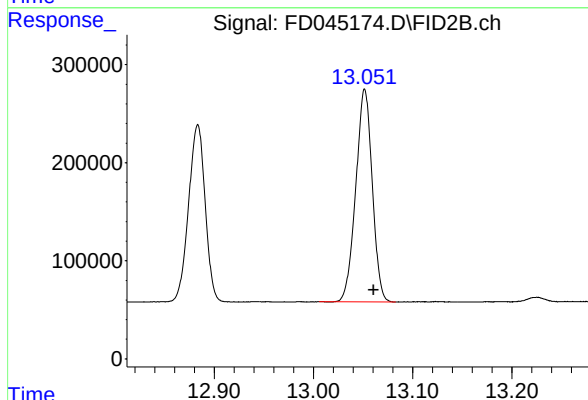
#9 ortho-Terphenyl (SURR)

R.T.: 11.450 min
Delta R.T.: -0.011 min
Response: 2837266
Conc: 18.42 ug/ml



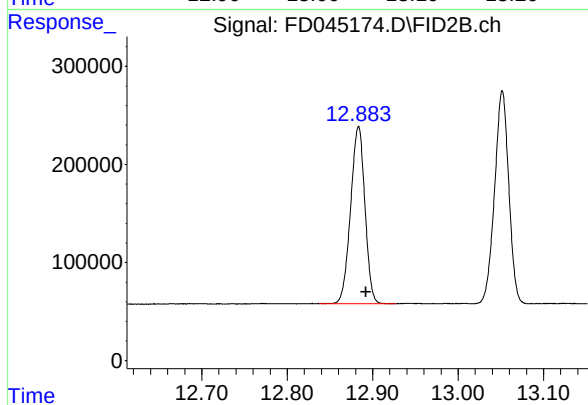
#10 n-Eicosane (C20)

R.T.: 12.444 min
Delta R.T.: -0.008 min
Response: 2535708
Conc: 18.72 ug/ml



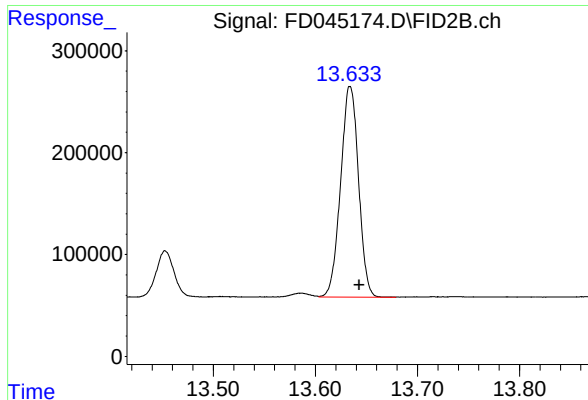
#11 n-Heneicosane (C21)

R.T.: 13.052 min
Delta R.T.: -0.009 min
Response: 2503300
Conc: 18.36 ug/ml



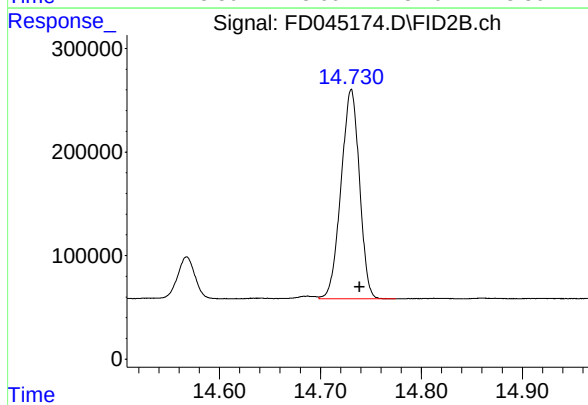
#12 1-chlorooctadecane (SURR)

R.T.: 12.884 min
Delta R.T.: -0.009 min
Response: 2099947
Conc: 18.16 ug/ml



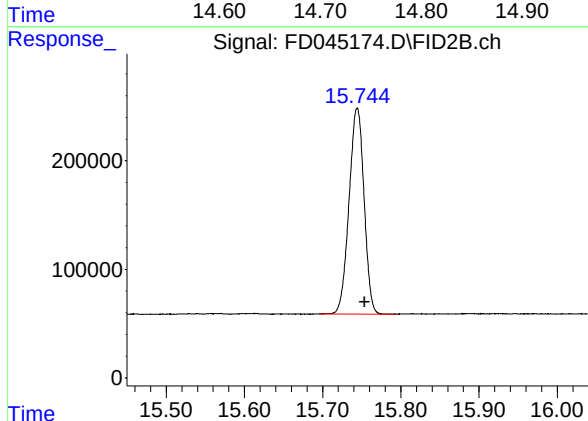
#13 n-Docosane (C22)

R.T.: 13.634 min
Delta R.T.: -0.009 min
Response: 2523445
Conc: 18.85 ug/ml



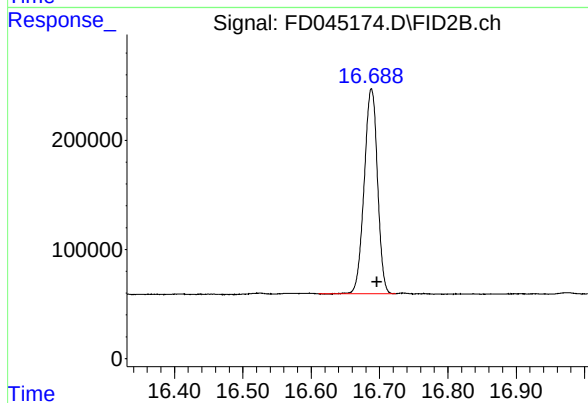
#14 n-Tetracosane (C24)

R.T.: 14.731 min
Delta R.T.: -0.008 min
Response: 2562089
Conc: 19.56 ug/ml



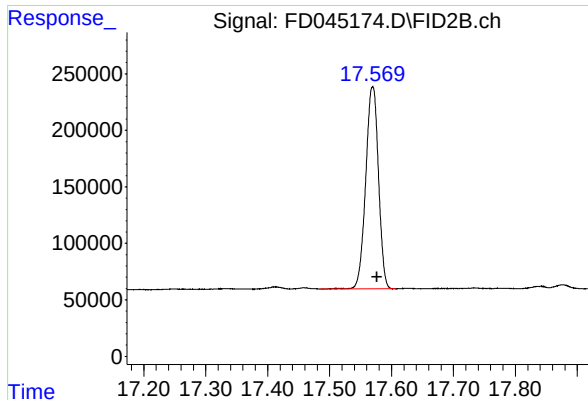
#15 n-Hexacosane (C26)

R.T.: 15.744 min
Delta R.T.: -0.009 min
Response: 2532638
Conc: 20.11 ug/ml



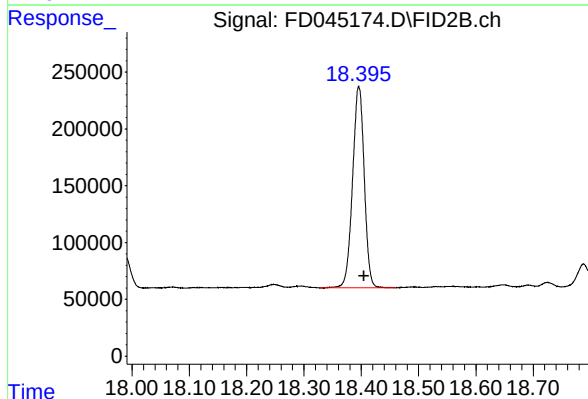
#16 n-Octacosane (C28)

R.T.: 16.688 min
Delta R.T.: -0.008 min
Response: 2539528
Conc: 20.72 ug/ml



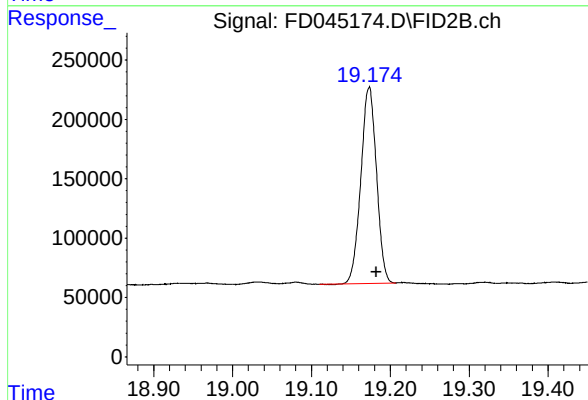
#17 n-Tricontane (C30)

R.T.: 17.570 min
Delta R.T.: -0.007 min
Response: 2560385
Conc: 21.63 ug/ml



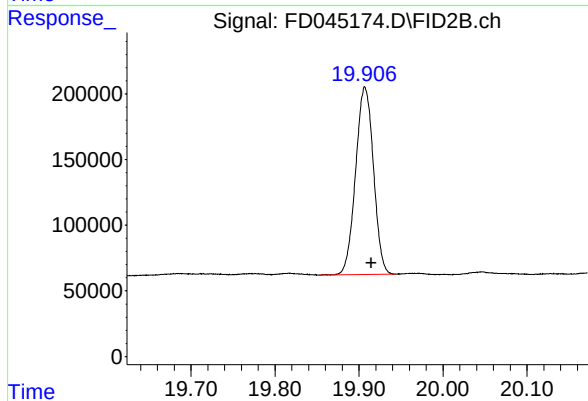
#18 n-Dotriacontane (C32)

R.T.: 18.396 min
Delta R.T.: -0.009 min
Response: 2506488
Conc: 21.41 ug/ml



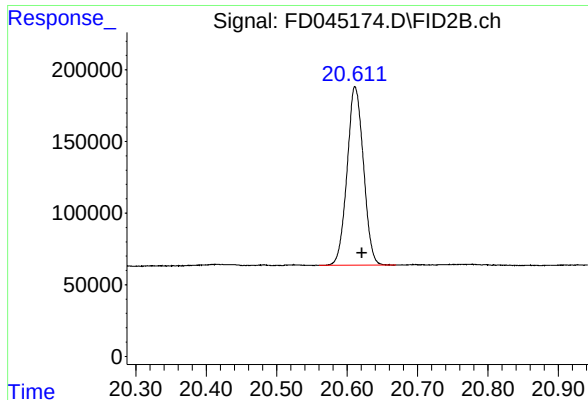
#19 n-Tetatriacontane (C34)

R.T.: 19.173 min
Delta R.T.: -0.009 min
Response: 2275204
Conc: 19.79 ug/ml



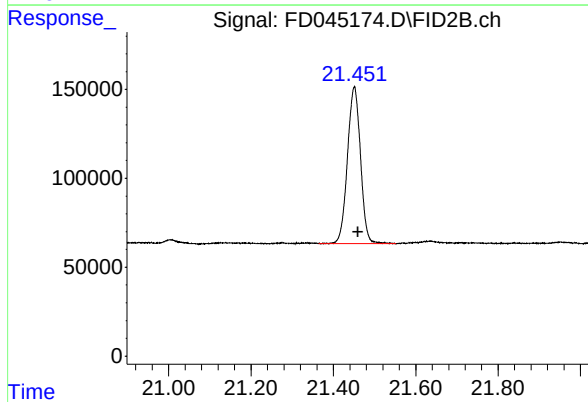
#20 n-Hexatriacontane (C36)

R.T.: 19.907 min
Delta R.T.: -0.008 min
Response: 2105062
Conc: 19.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.611 min
Delta R.T.: -0.010 min
Response: 2008032
Conc: 18.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.451 min
Delta R.T.: -0.009 min
Response: 1941072
Conc: 18.11 ug/ml