

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032624AL\
 Data File : FE047319.D
 Signal(s) : FID1B.ch
 Acq On : 26 Mar 2024 08:34
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 26 10:49:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 01:31:33 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)	11.987	3219181	20.556 ug/ml
Spiked Amount 50.000		Recovery =	41.11%
12) S 1-chlorooctadecane (S...	13.420	2499327	20.608 ug/ml
Spiked Amount 50.000		Recovery =	41.22%
Target Compounds			
1) T n-Nonane (C9)	3.370	3063565	20.978 ug/ml
2) T n-Decane (C10)	4.621	3123114	20.951 ug/ml
3) T A~Naphthalene (C11.7)	6.328	3238332	20.873 ug/ml
4) T n-Dodecane (C12)	6.786	3122061	20.876 ug/ml
5) T A~2-methylnaphthalene...	7.424	3114991	20.815 ug/ml
6) T n-Tetradecane (C14)	8.614	3061821	20.759 ug/ml
7) T n-Hexadecane (C16)	10.222	3129045	20.673 ug/ml
8) T n-Octadecane (C18)	11.665	3137523	20.651 ug/ml
10) T n-Eicosane (C20)	12.974	3003770	20.645 ug/ml
11) T n-Heneicosane (C21)	13.585	2946361	20.615 ug/ml
13) T n-Docosane (C22)	14.172	2956791	20.829 ug/ml
14) T n-Tetracosane (C24)	15.273	2998063	21.267 ug/ml
15) T n-Hexacosane (C26)	16.293	2993675	21.529 ug/ml
16) T n-Octacosane (C28)	17.241	3003397	21.980 ug/ml
17) T n-Tricontane (C30)	18.127	3092808	22.275 ug/ml
18) T n-Dotriacontane (C32)	18.959	3054298	22.142 ug/ml
19) T n-Tetratriacontane (C34)	19.742	2975985	21.714 ug/ml
20) T n-Hexatriacontane (C36)	20.481	2998141	21.953 ug/ml
21) T n-Octatriacontane (C38)	21.227	3148452	22.713 ug/ml
22) T n-Tetracontane (C40)	22.157	3051018	21.297 ug/ml

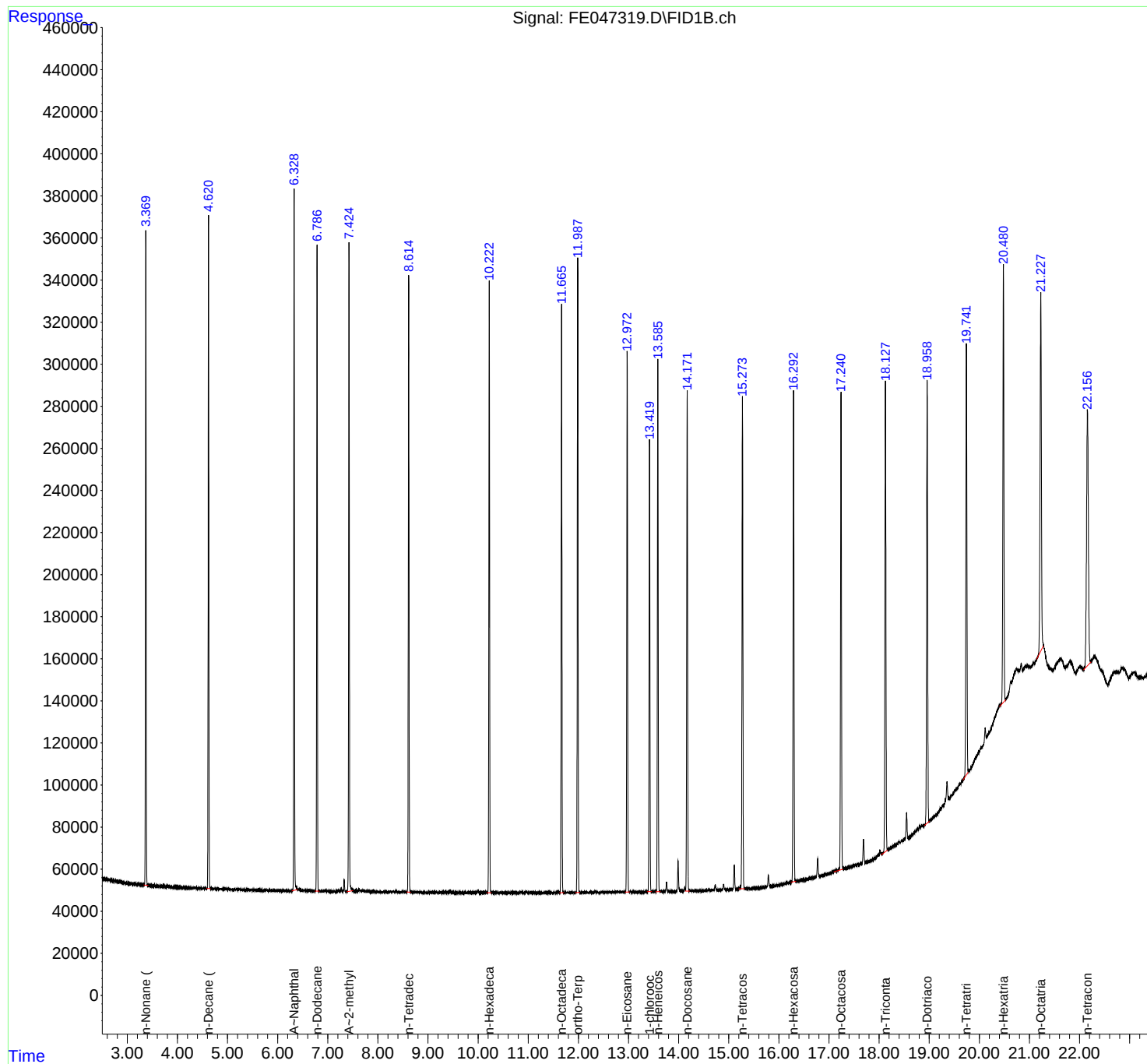
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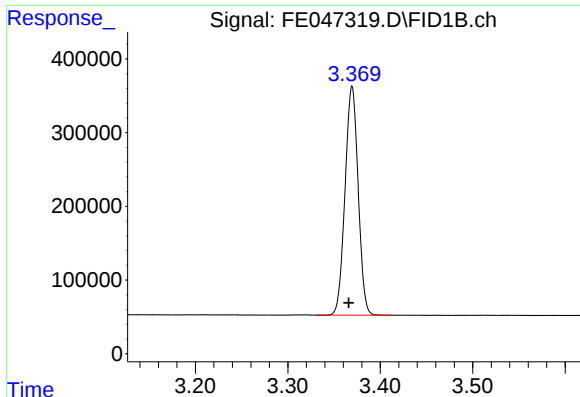
(m)=manual int.

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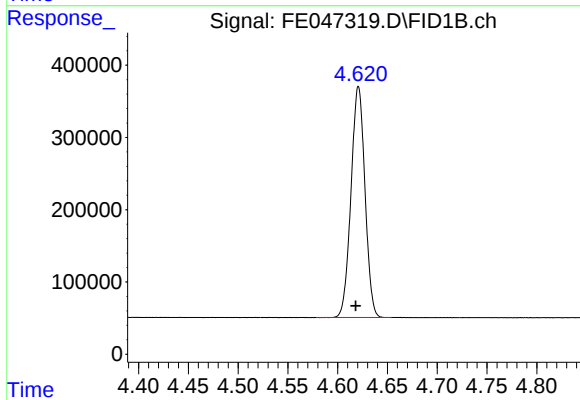
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





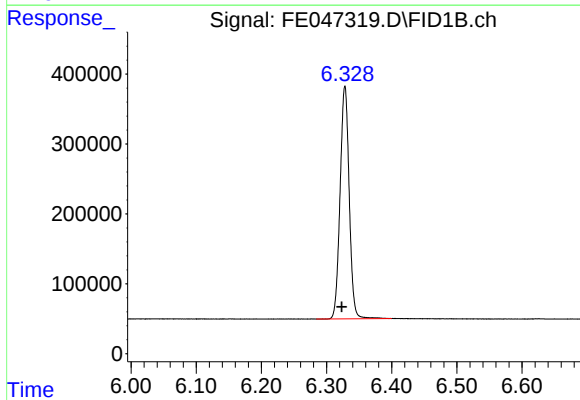
#1 n-Nonane (C9)

R.T.: 3.370 min
Delta R.T.: 0.004 min
Response: 3063565
Conc: 20.98 ug/ml



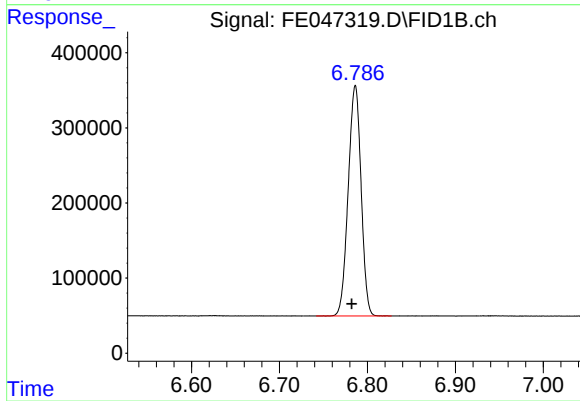
#2 n-Decane (C10)

R.T.: 4.621 min
Delta R.T.: 0.003 min
Response: 3123114
Conc: 20.95 ug/ml



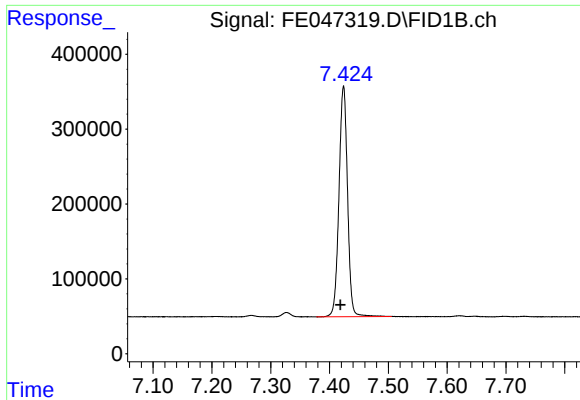
#3 A~Naphthalene (C11.7)

R.T.: 6.328 min
Delta R.T.: 0.005 min
Response: 3238332
Conc: 20.87 ug/ml



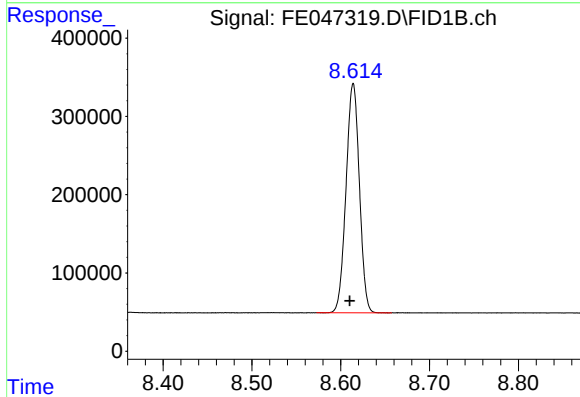
#4 n-Dodecane (C12)

R.T.: 6.786 min
Delta R.T.: 0.004 min
Response: 3122061
Conc: 20.88 ug/ml



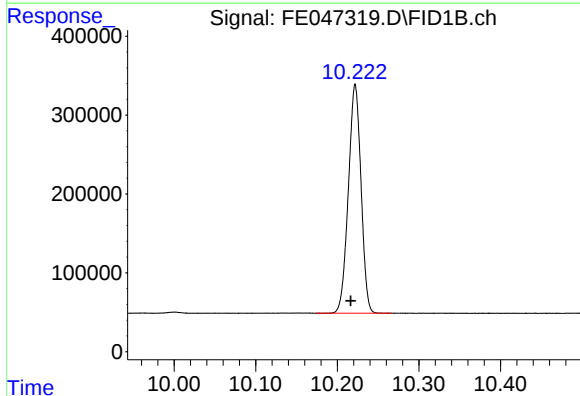
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.424 min
Delta R.T.: 0.005 min
Response: 3114991
Conc: 20.81 ug/ml



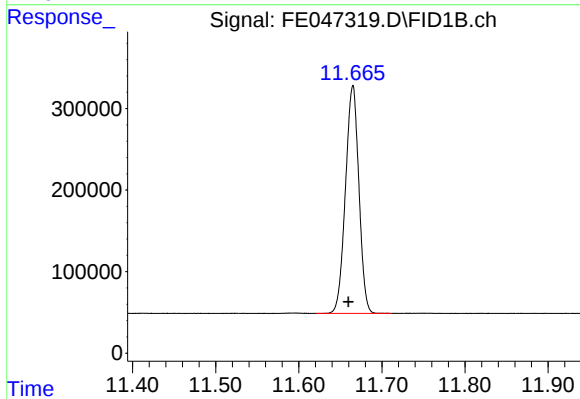
#6 n-Tetradecane (C14)

R.T.: 8.614 min
Delta R.T.: 0.004 min
Response: 3061821
Conc: 20.76 ug/ml



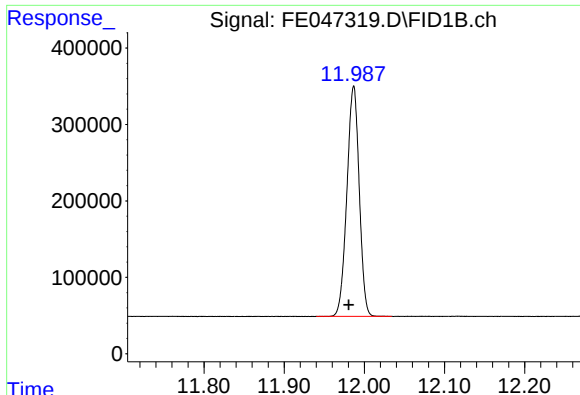
#7 n-Hexadecane (C16)

R.T.: 10.222 min
Delta R.T.: 0.005 min
Response: 3129045
Conc: 20.67 ug/ml



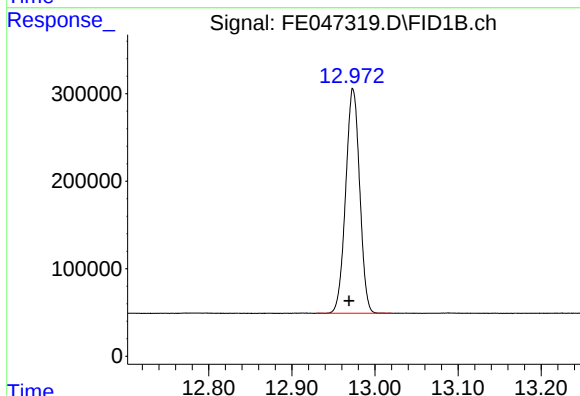
#8 n-Octadecane (C18)

R.T.: 11.665 min
Delta R.T.: 0.005 min
Response: 3137523
Conc: 20.65 ug/ml



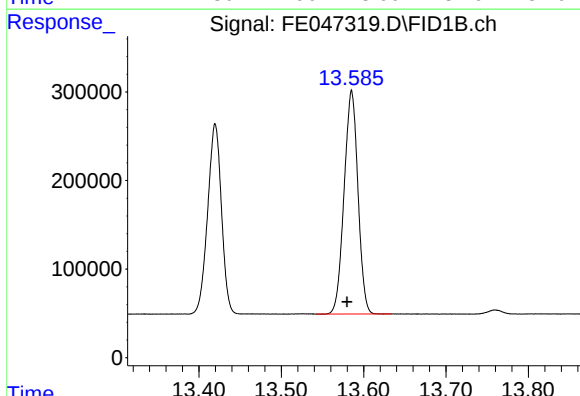
#9 ortho-Terphenyl (SURR)

R.T.: 11.987 min
Delta R.T.: 0.006 min
Response: 3219181
Conc: 20.56 ug/ml



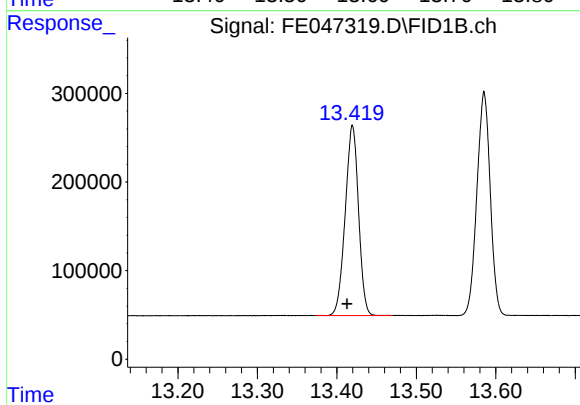
#10 n-Eicosane (C20)

R.T.: 12.974 min
Delta R.T.: 0.005 min
Response: 3003770
Conc: 20.65 ug/ml



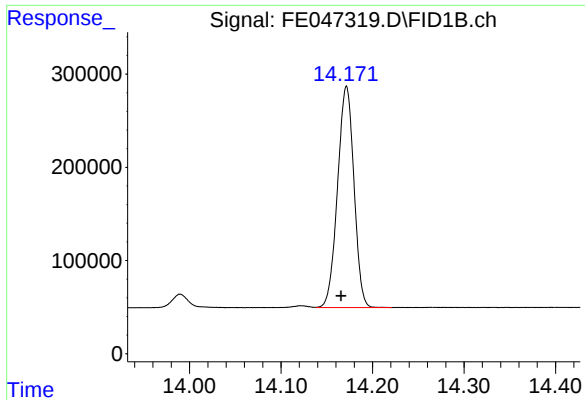
#11 n-Heneicosane (C21)

R.T.: 13.585 min
Delta R.T.: 0.006 min
Response: 2946361
Conc: 20.61 ug/ml



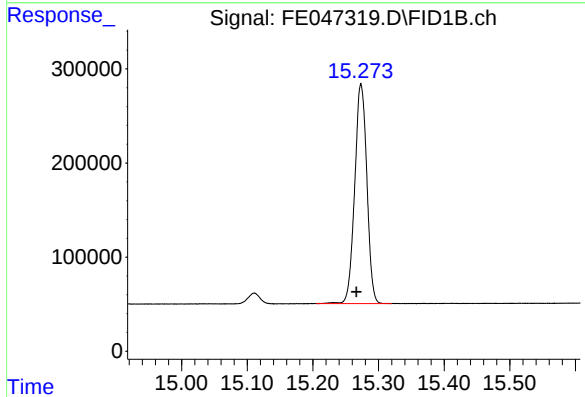
#12 1-chlorooctadecane (SURR)

R.T.: 13.420 min
Delta R.T.: 0.007 min
Response: 2499327
Conc: 20.61 ug/ml



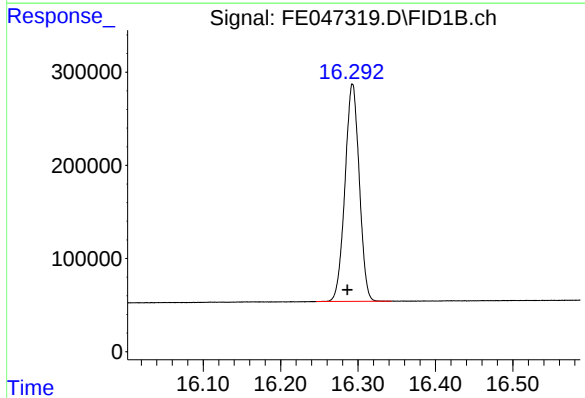
#13 n-Docosane (C22)

R.T.: 14.172 min
Delta R.T.: 0.006 min
Response: 2956791
Conc: 20.83 ug/ml



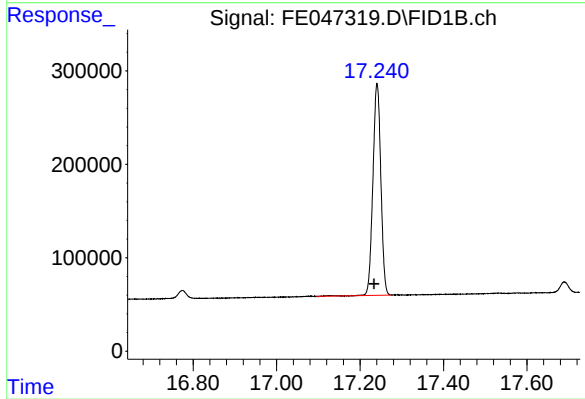
#14 n-Tetracosane (C24)

R.T.: 15.273 min
Delta R.T.: 0.007 min
Response: 2998063
Conc: 21.27 ug/ml



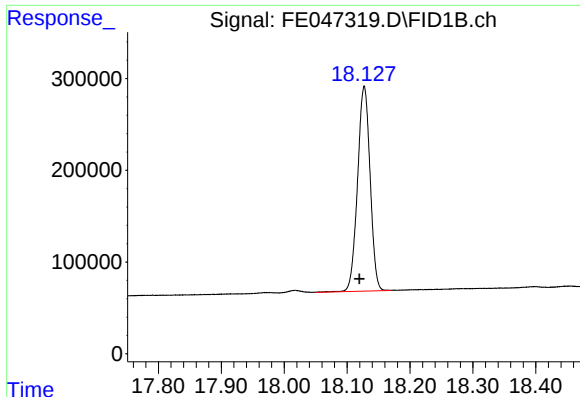
#15 n-Hexacosane (C26)

R.T.: 16.293 min
Delta R.T.: 0.007 min
Response: 2993675
Conc: 21.53 ug/ml



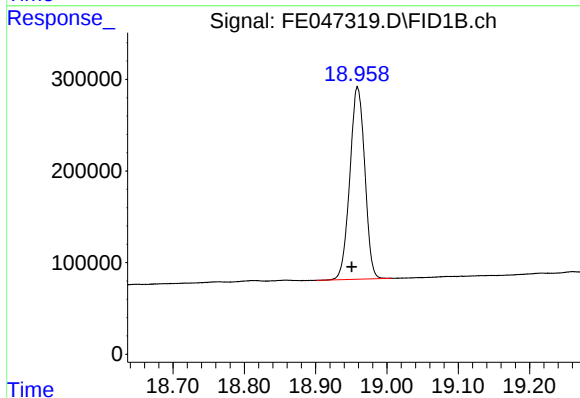
#16 n-Octacosane (C28)

R.T.: 17.241 min
Delta R.T.: 0.007 min
Response: 3003397
Conc: 21.98 ug/ml



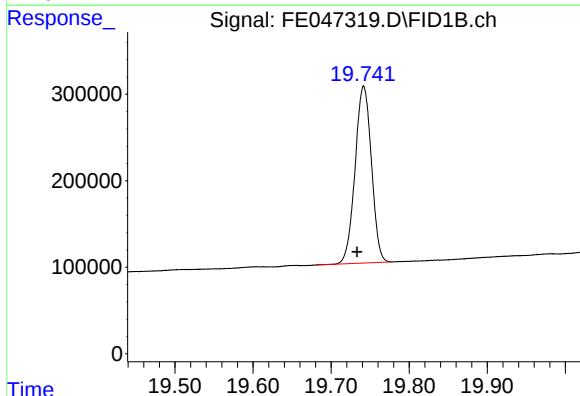
#17 n-Tricontane (C30)

R.T.: 18.127 min
Delta R.T.: 0.008 min
Response: 3092808
Conc: 22.28 ug/ml



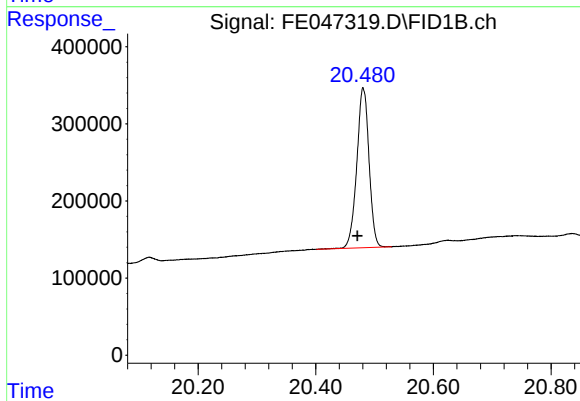
#18 n-Dotriacontane (C32)

R.T.: 18.959 min
Delta R.T.: 0.008 min
Response: 3054298
Conc: 22.14 ug/ml



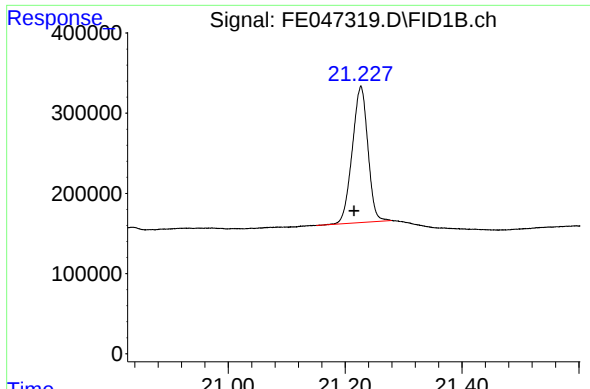
#19 n-Tetratriacontane (C34)

R.T.: 19.742 min
Delta R.T.: 0.009 min
Response: 2975985
Conc: 21.71 ug/ml



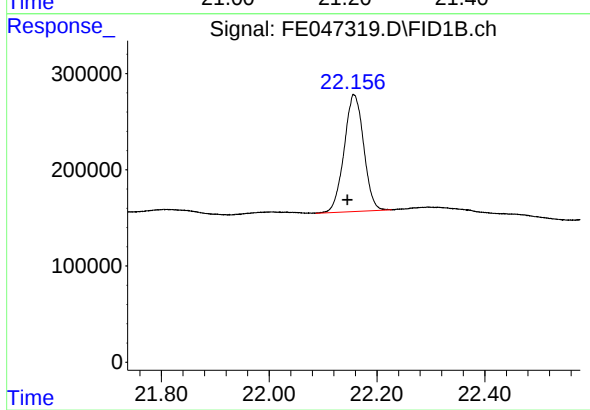
#20 n-Hexatriacontane (C36)

R.T.: 20.481 min
Delta R.T.: 0.010 min
Response: 2998141
Conc: 21.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.227 min
Delta R.T.: 0.012 min
Response: 3148452
Conc: 22.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.157 min
Delta R.T.: 0.012 min
Response: 3051018
Conc: 21.30 ug/ml