

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032124AL\
 Data File : FE047258.D
 Signal(s) : FID1B.ch
 Acq On : 21 Mar 2024 19:38
 Operator : YP\AJ
 Sample : P1816-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 22 01:24:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 14 01:54:27 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)	11.985	3902652	23.654 ug/mlm
Spiked Amount 50.000		Recovery =	47.31%
12) S 1-chlorooctadecane (S...	13.413	18131613	142.209 ug/ml
Spiked Amount 50.000		Recovery =	284.42%
Target Compounds			
1) T n-Nonane (C9)	3.369	3150054	20.952 ug/ml
2) T n-Decane (C10)	4.622	3696058	24.108 ug/ml
3) T A~Naphthalene (C11.7)	6.327	4059922	25.464 ug/ml
4) T n-Dodecane (C12)	6.785	4743281	30.827 ug/mlm
5) T A~2-methylnaphthalene...	7.423	4446546	28.973 ug/ml
6) T n-Tetradecane (C14)	8.616	5574305	36.585 ug/mlm
7) T n-Hexadecane (C16)	10.222	6019306	38.241 ug/mlm
8) T n-Octadecane (C18)	11.666	5916762	37.154 ug/mlm
10) T n-Eicosane (C20)	12.976	5755393	37.444 ug/ml
11) T n-Heneicosane (C21)	13.588	6296831	41.616 ug/ml
13) T n-Docosane (C22)	14.173	5132060	34.111 ug/ml
14) T n-Tetracosane (C24)	15.272	7870510	52.702 ug/ml
15) T n-Hexacosane (C26)	16.297	4625467	31.752 ug/ml
16) T n-Octacosane (C28)	17.244	4822576	34.178 ug/mlm
17) T n-Tricontane (C30)	18.132	4867135	34.430 ug/mlm
18) T n-Dotriacontane (C32)	18.964	4938581	35.811 ug/ml
19) T n-Tetratriacontane (C34)	19.747	4802793	36.786 ug/ml
20) T n-Hexatriacontane (C36)	20.489	4592008	36.861 ug/mlm
21) T n-Octatriacontane (C38)	21.236	4840518	38.982 ug/mlm
22) T n-Tetracontane (C40)	22.174	4649262	39.528 ug/mlm

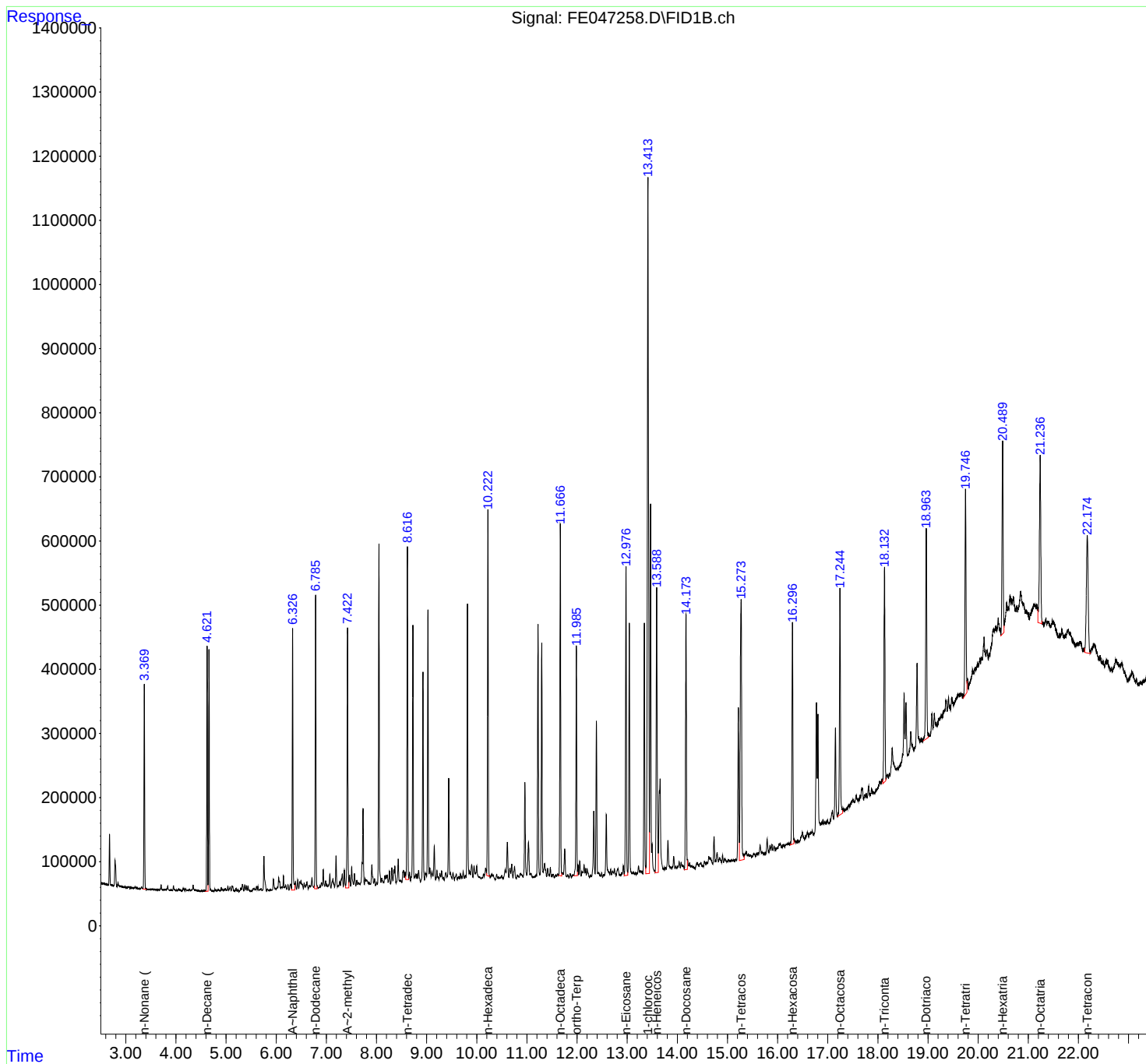
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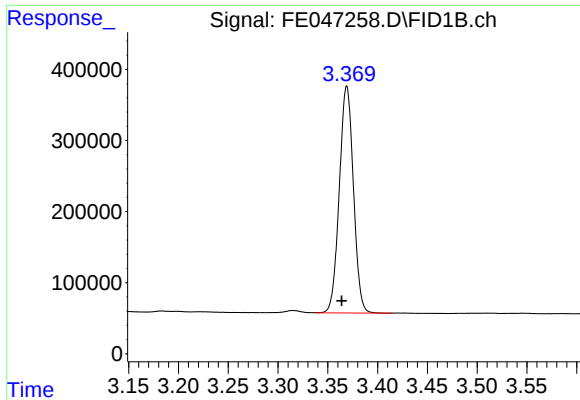
(m)=manual int.

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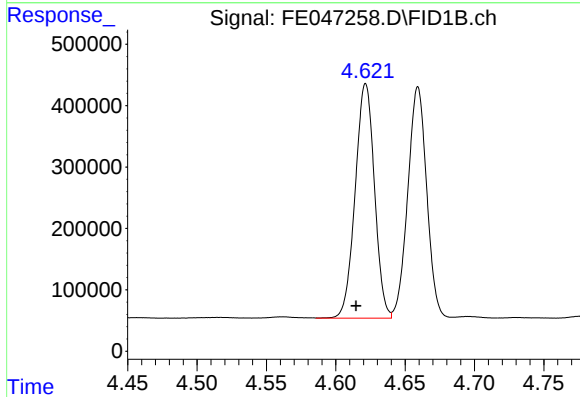
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





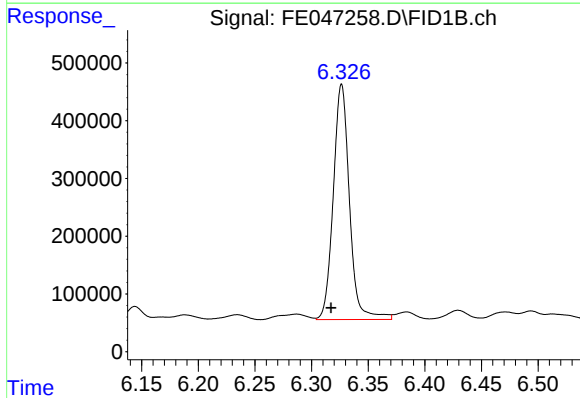
#1 n-Nonane (C9)

R.T.: 3.369 min
Delta R.T.: 0.005 min
Response: 3150054
Conc: 20.95 ug/ml



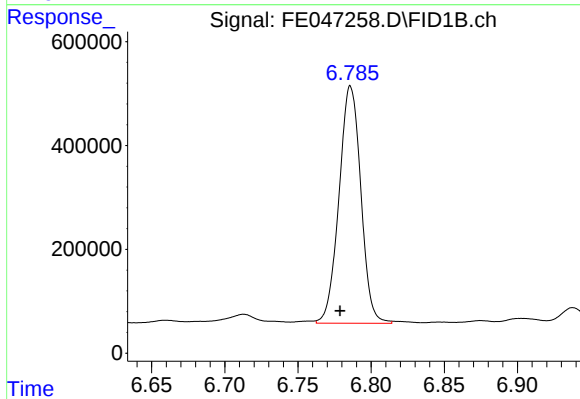
#2 n-Decane (C10)

R.T.: 4.622 min
Delta R.T.: 0.007 min
Response: 3696058
Conc: 24.11 ug/ml



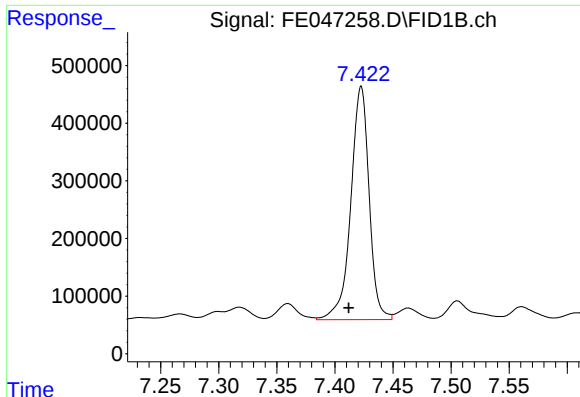
#3 A~Naphthalene (C11.7)

R.T.: 6.327 min
Delta R.T.: 0.009 min
Response: 4059922
Conc: 25.46 ug/ml



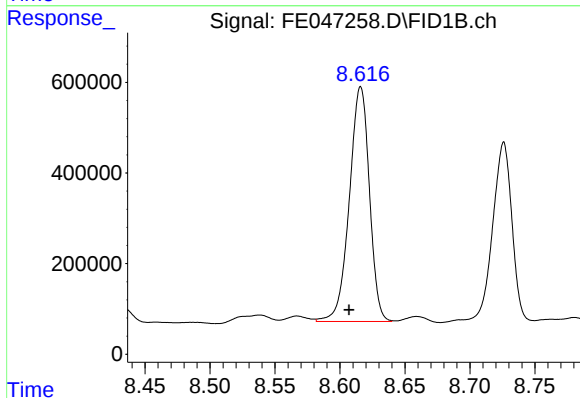
#4 n-Dodecane (C12)

R.T.: 6.785 min
Delta R.T.: 0.006 min
Response: 4743281
Conc: 30.83 ug/ml m



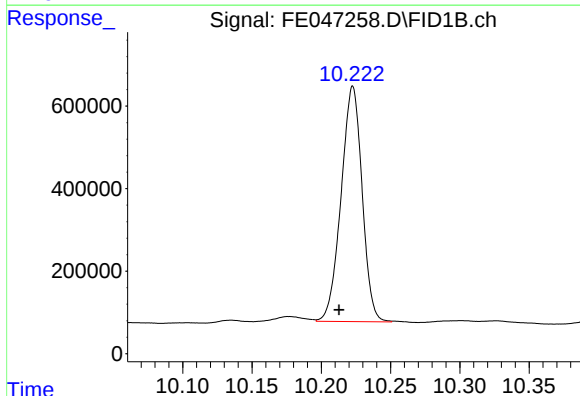
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.423 min
Delta R.T.: 0.011 min
Response: 4446546
Conc: 28.97 ug/ml



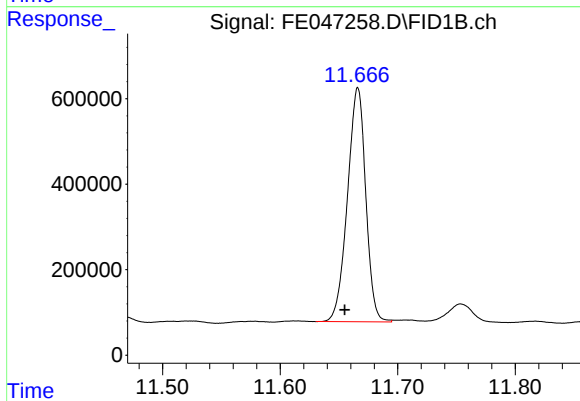
#6 n-Tetradecane (C14)

R.T.: 8.616 min
Delta R.T.: 0.009 min
Response: 5574305
Conc: 36.59 ug/ml m



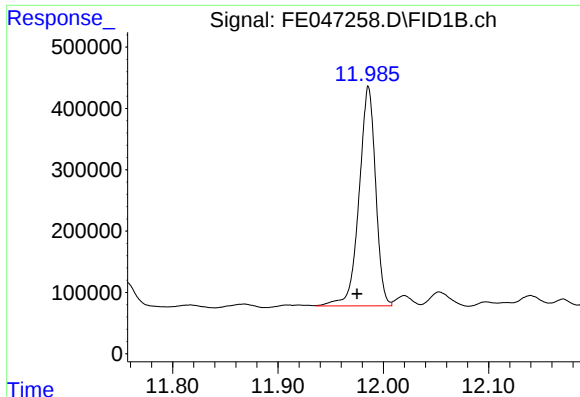
#7 n-Hexadecane (C16)

R.T.: 10.222 min
Delta R.T.: 0.009 min
Response: 6019306
Conc: 38.24 ug/ml m



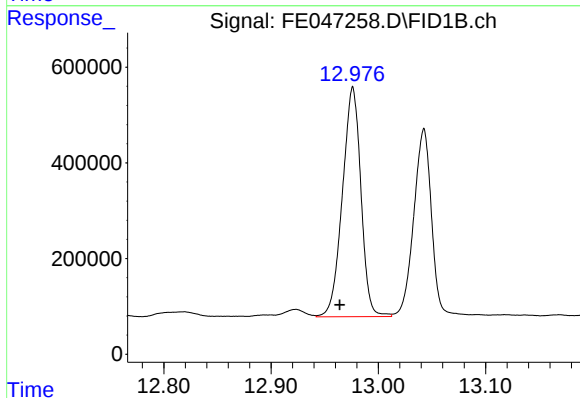
#8 n-Octadecane (C18)

R.T.: 11.666 min
Delta R.T.: 0.011 min
Response: 5916762
Conc: 37.15 ug/ml m



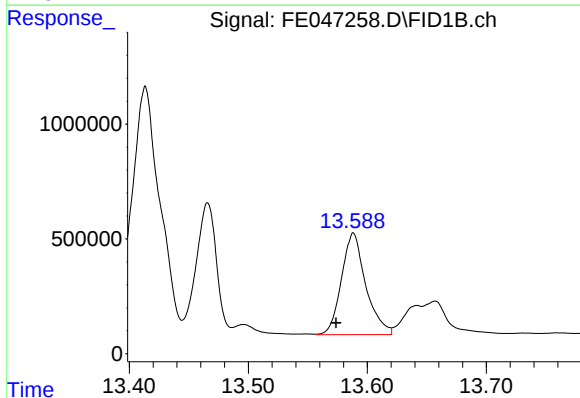
#9 ortho-Terphenyl (SURR)

R.T.: 11.985 min
Delta R.T.: 0.010 min
Response: 3902652
Conc: 23.65 ug/ml m



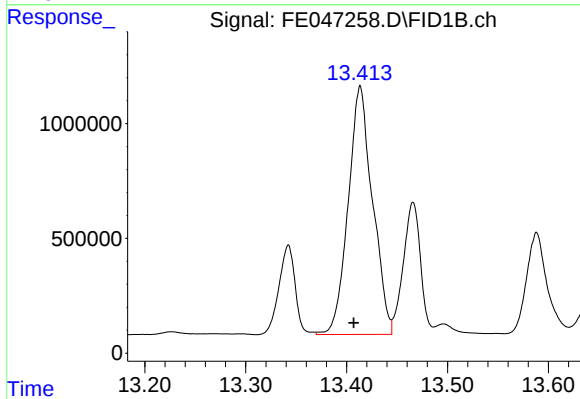
#10 n-Eicosane (C20)

R.T.: 12.976 min
Delta R.T.: 0.012 min
Response: 5755393
Conc: 37.44 ug/ml



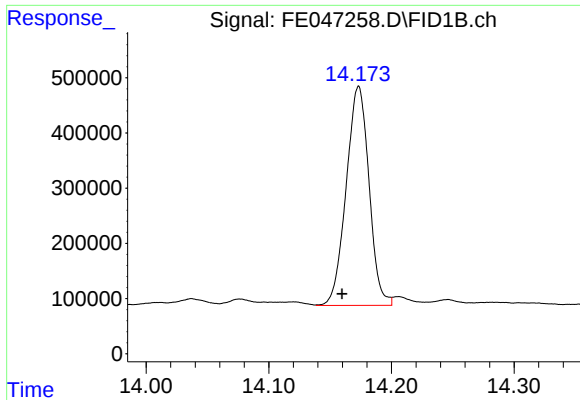
#11 n-Heneicosane (C21)

R.T.: 13.588 min
Delta R.T.: 0.015 min
Response: 6296831
Conc: 41.62 ug/ml



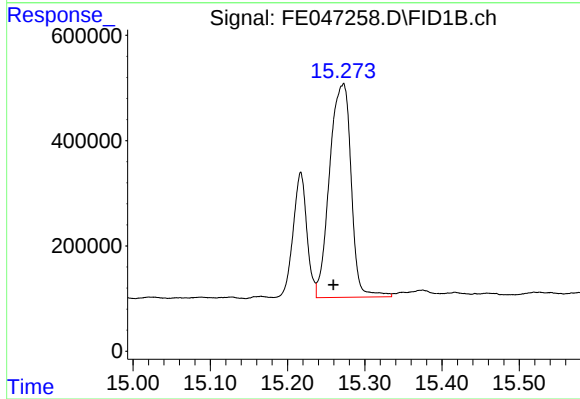
#12 1-chlorooctadecane (SURR)

R.T.: 13.413 min
Delta R.T.: 0.006 min
Response: 18131613
Conc: 142.21 ug/ml



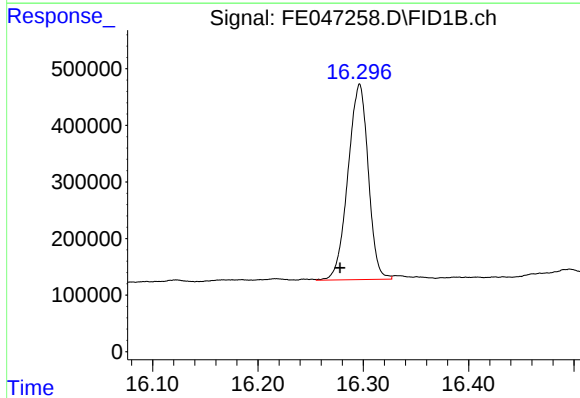
#13 n-Docosane (C22)

R.T.: 14.173 min
Delta R.T.: 0.014 min
Response: 5132060
Conc: 34.11 ug/ml



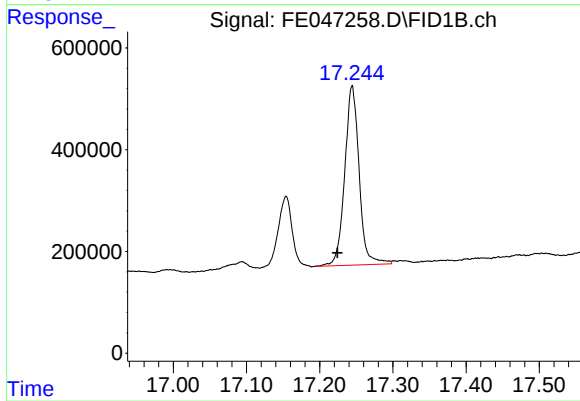
#14 n-Tetracosane (C24)

R.T.: 15.272 min
Delta R.T.: 0.012 min
Response: 7870510
Conc: 52.70 ug/ml



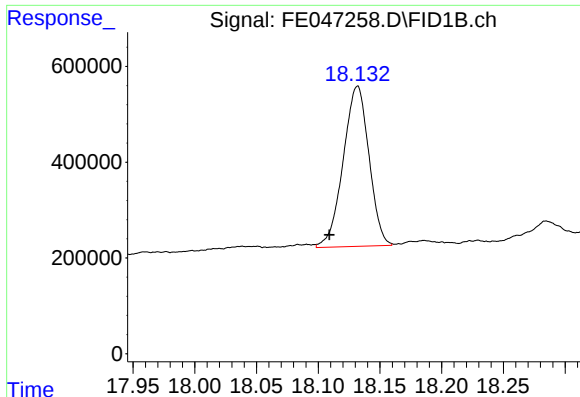
#15 n-Hexacosane (C26)

R.T.: 16.297 min
Delta R.T.: 0.019 min
Response: 4625467
Conc: 31.75 ug/ml



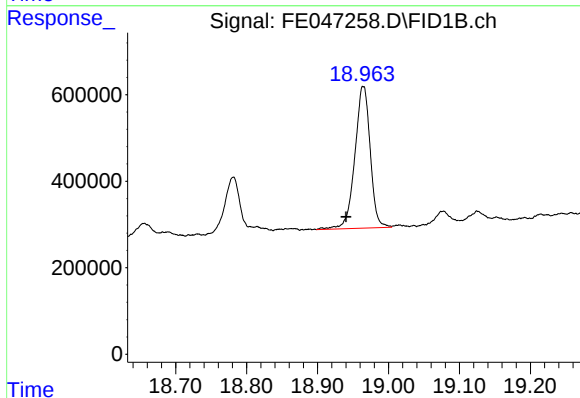
#16 n-Octacosane (C28)

R.T.: 17.244 min
Delta R.T.: 0.020 min
Response: 4822576
Conc: 34.18 ug/ml m



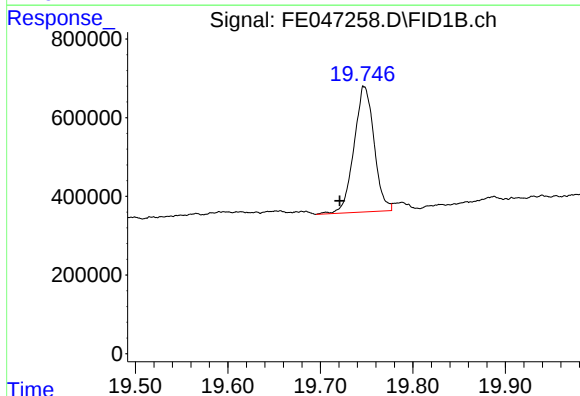
#17 n-Tricontane (C30)

R.T.: 18.132 min
Delta R.T.: 0.023 min
Response: 4867135
Conc: 34.43 ug/ml m



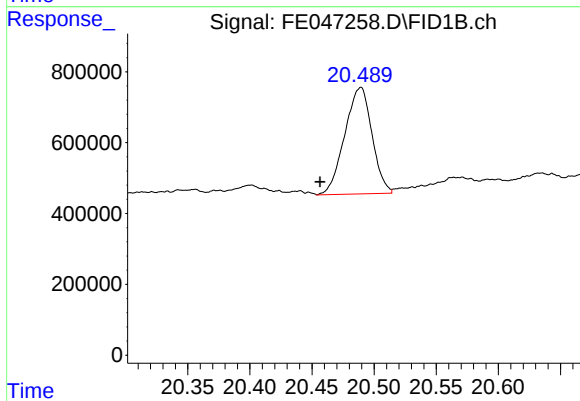
#18 n-Dotriacontane (C32)

R.T.: 18.964 min
Delta R.T.: 0.024 min
Response: 4938581
Conc: 35.81 ug/ml



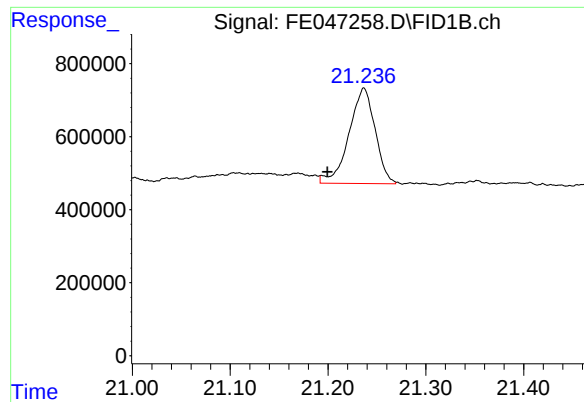
#19 n-Tetratriacontane (C34)

R.T.: 19.747 min
Delta R.T.: 0.026 min
Response: 4802793
Conc: 36.79 ug/ml



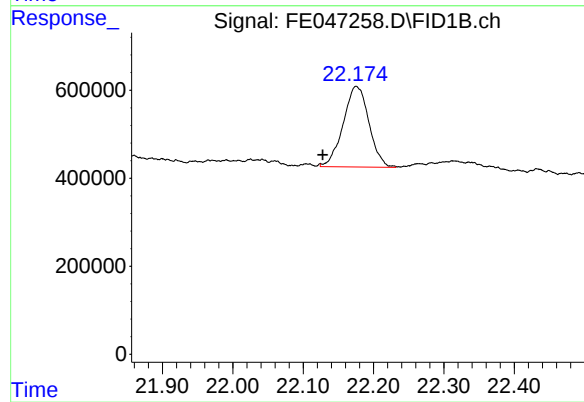
#20 n-Hexatriacontane (C36)

R.T.: 20.489 min
Delta R.T.: 0.032 min
Response: 4592008
Conc: 36.86 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.236 min
Delta R.T.: 0.037 min
Response: 4840518
Conc: 38.98 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.174 min
Delta R.T.: 0.046 min
Response: 4649262
Conc: 39.53 ug/ml m