

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013024AL\
 Data File : FE046462.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jan 2024 14:48
 Operator : YP\AJ
 Sample : PB158705BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 31 01:57:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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)	11.824	8094271	43.774 ug/ml
Spiked Amount 50.000		Recovery =	87.55%
12) S 1-chlorooctadecane (S...	13.264	6687750	47.006 ug/ml
Spiked Amount 50.000		Recovery =	94.01%
Target Compounds			
1) T n-Nonane (C9)	3.231	8049985	49.837 ug/ml
2) T n-Decane (C10)	4.471	8531888	52.060 ug/ml
3) T A~Naphthalene (C11.7)	6.167	10104173	59.089 ug/ml
4) T n-Dodecane (C12)	6.630	9178157	55.487 ug/ml
5) T A~2-methylnaphthalene...	7.262	9900435	62.075 ug/ml
6) T n-Tetradecane (C14)	8.457	9285633	56.656 ug/ml
7) T n-Hexadecane (C16)	10.064	9256784	54.171 ug/ml
8) T n-Octadecane (C18)	11.509	9365835	53.722 ug/ml
10) T n-Eicosane (C20)	12.821	9399357	55.360 ug/ml
11) T n-Heneicosane (C21)	13.433	9028829	54.133 ug/ml
13) T n-Docosane (C22)	14.019	8920671	53.847 ug/ml
14) T n-Tetracosane (C24)	15.123	20419467	123.752 ug/ml
15) T n-Hexacosane (C26)	16.148	8533958	52.874 ug/ml
16) T n-Octacosane (C28)	17.097	2602880	16.581 ug/ml
17) T n-Tricontane (C30)	17.989	8273171	52.819 ug/ml
18) T n-Dotriacontane (C32)	18.823	6173125	40.838 ug/ml
19) T n-Tetratriacontane (C34)	19.608	7882598	55.576 ug/ml
20) T n-Hexatriacontane (C36)	20.348	7572364	54.936 ug/ml
21) T n-Octatriacontane (C38)	21.079	7615165	59.403 ug/ml
22) T n-Tetracontane (C40)	21.972	7574806	60.581 ug/ml

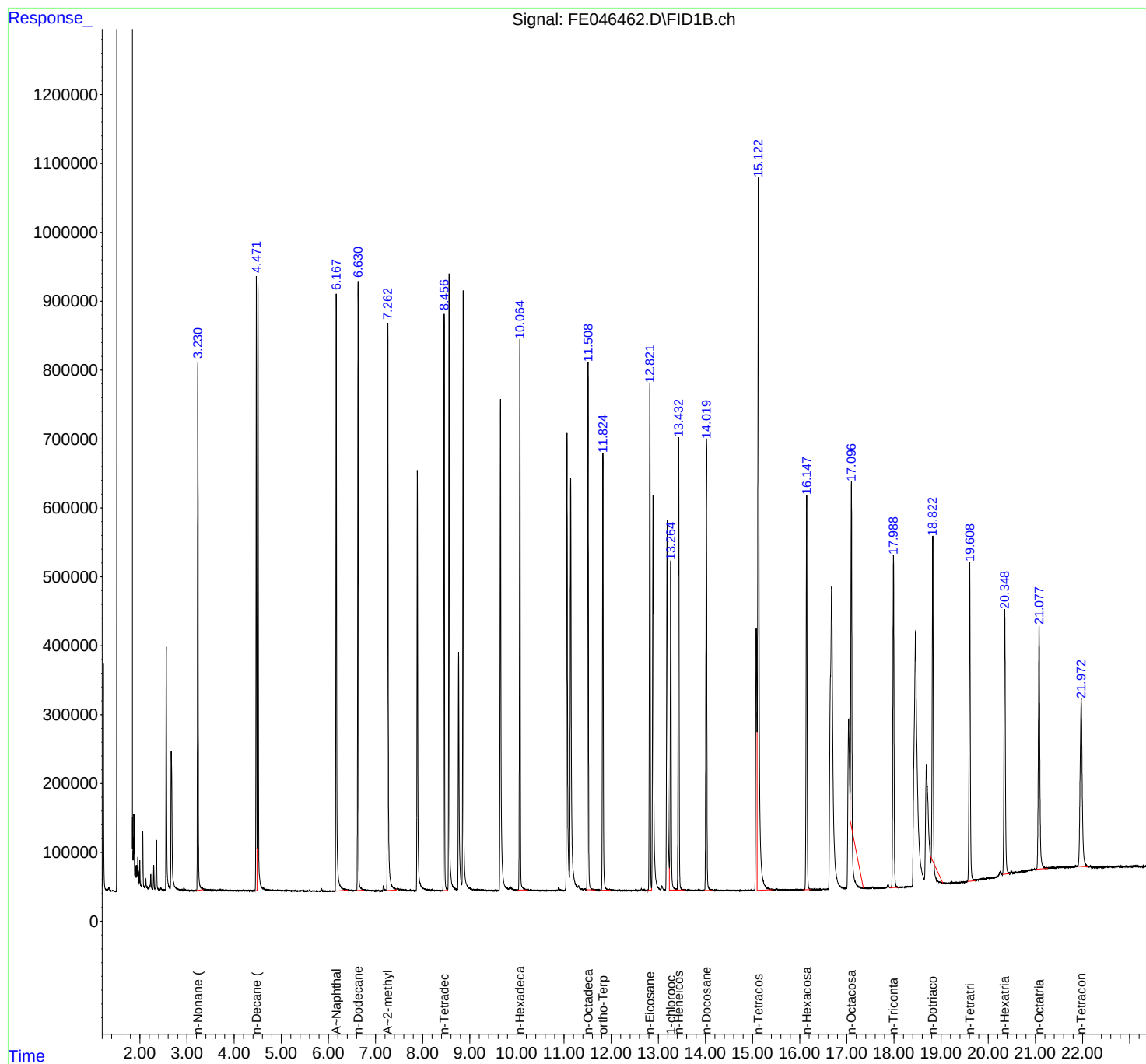
(f)=RT Delta > 1/2 Window

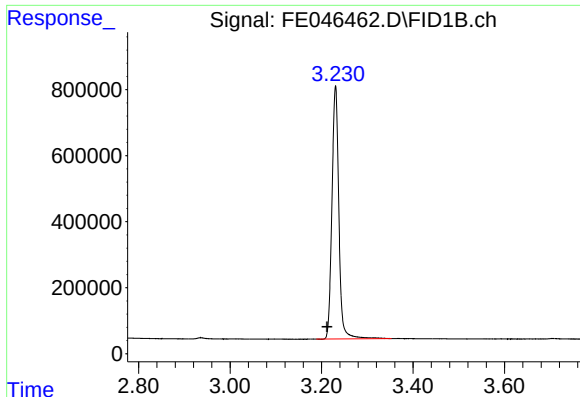
(m)=manual int.

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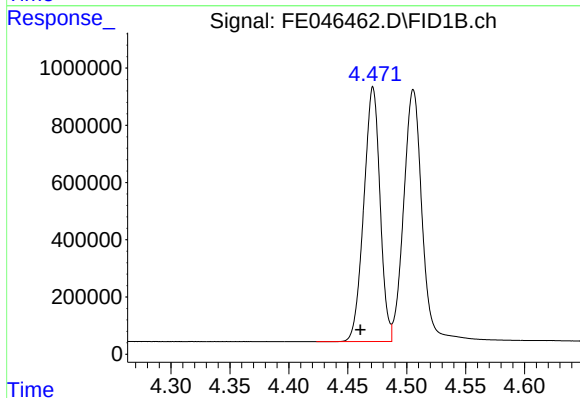
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Signal Phase : Rxi-1ms
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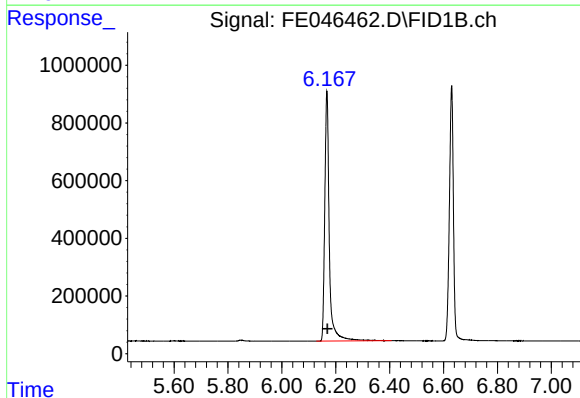
#1 n-Nonane (C9)

R.T.: 3.231 min
Delta R.T.: 0.019 min
Response: 8049985
Conc: 49.84 ug/ml



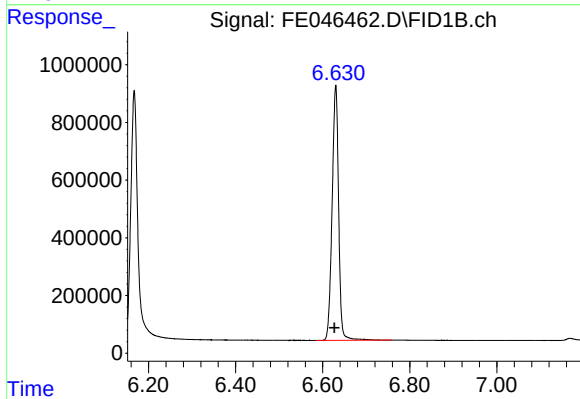
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: 0.011 min
Response: 8531888
Conc: 52.06 ug/ml



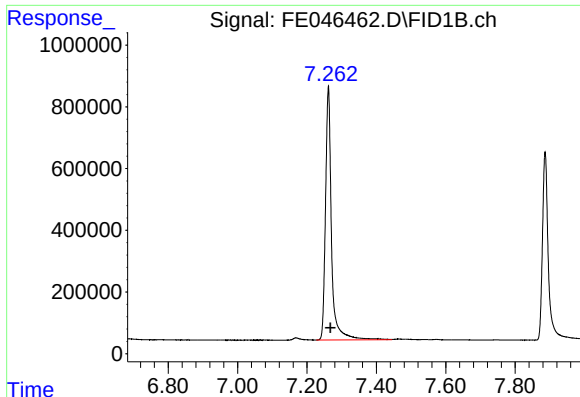
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.001 min
Response: 10104173
Conc: 59.09 ug/ml



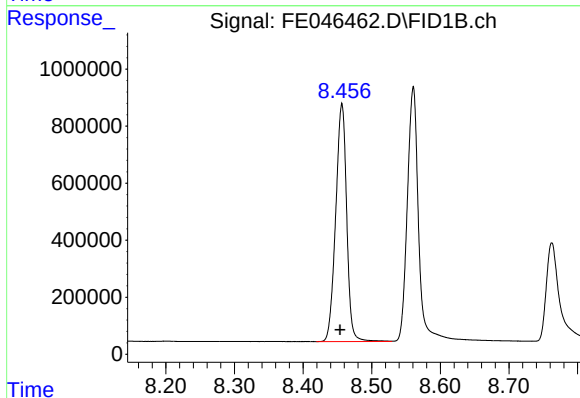
#4 n-Dodecane (C12)

R.T.: 6.630 min
Delta R.T.: 0.003 min
Response: 9178157
Conc: 55.49 ug/ml



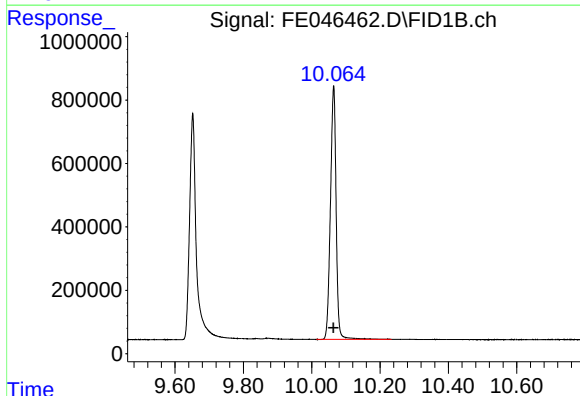
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.262 min
Delta R.T.: -0.006 min
Response: 9900435
Conc: 62.08 ug/ml



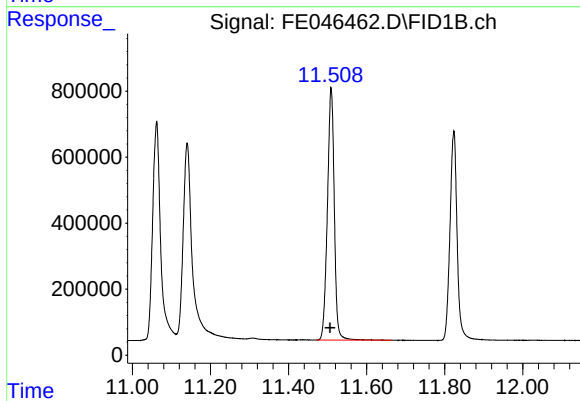
#6 n-Tetradecane (C14)

R.T.: 8.457 min
Delta R.T.: 0.003 min
Response: 9285633
Conc: 56.66 ug/ml



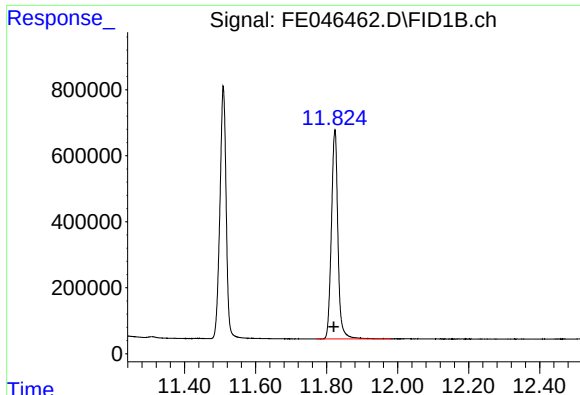
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: 0.000 min
Response: 9256784
Conc: 54.17 ug/ml



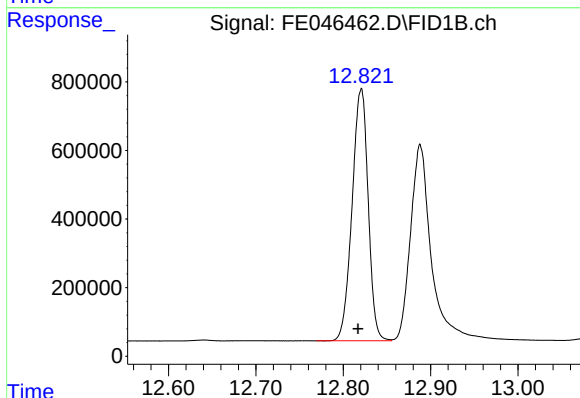
#8 n-Octadecane (C18)

R.T.: 11.509 min
Delta R.T.: 0.003 min
Response: 9365835
Conc: 53.72 ug/ml



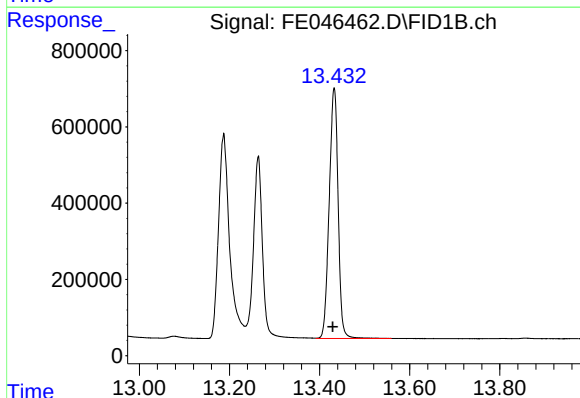
#9 ortho-Terphenyl (SURR)

R.T.: 11.824 min
Delta R.T.: 0.003 min
Response: 8094271
Conc: 43.77 ug/ml



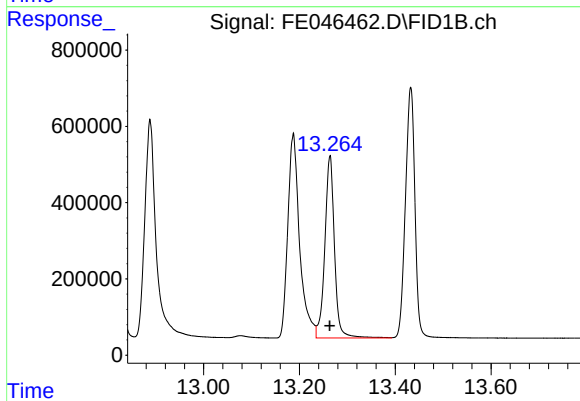
#10 n-Eicosane (C20)

R.T.: 12.821 min
Delta R.T.: 0.004 min
Response: 9399357
Conc: 55.36 ug/ml



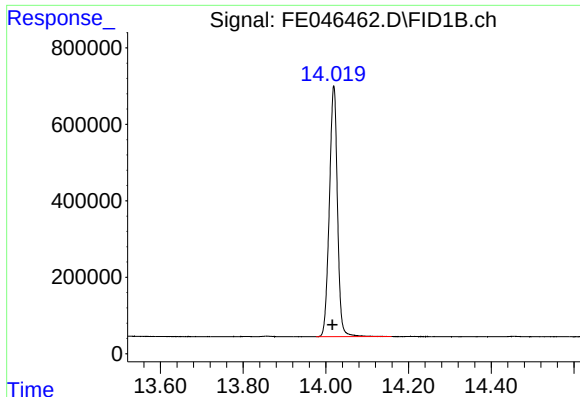
#11 n-Heneicosane (C21)

R.T.: 13.433 min
Delta R.T.: 0.003 min
Response: 9028829
Conc: 54.13 ug/ml



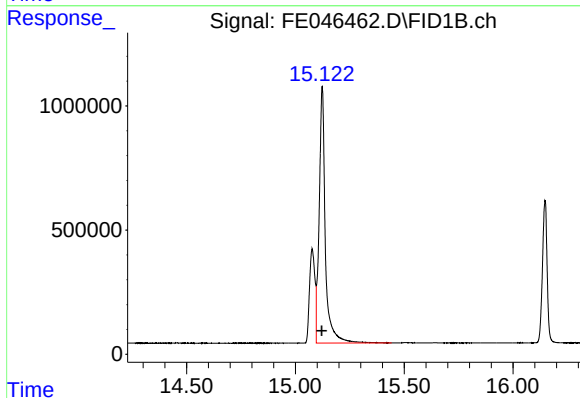
#12 1-chlorooctadecane (SURR)

R.T.: 13.264 min
Delta R.T.: 0.000 min
Response: 6687750
Conc: 47.01 ug/ml



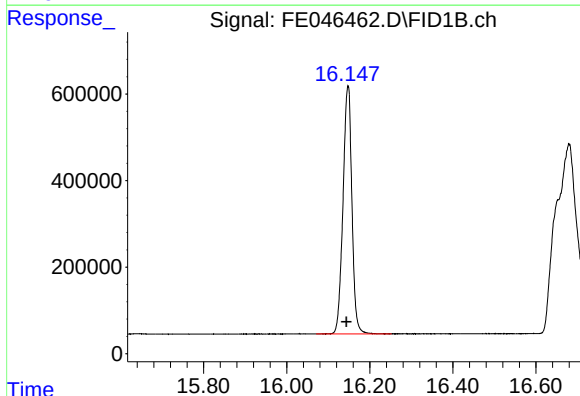
#13 n-Docosane (C22)

R.T.: 14.019 min
Delta R.T.: 0.003 min
Response: 8920671
Conc: 53.85 ug/ml



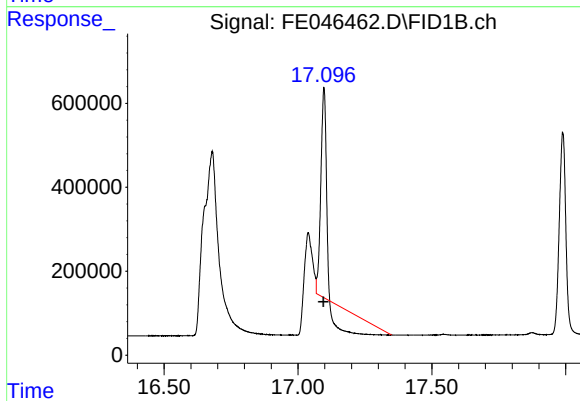
#14 n-Tetracosane (C24)

R.T.: 15.123 min
Delta R.T.: 0.002 min
Response: 20419467
Conc: 123.75 ug/ml



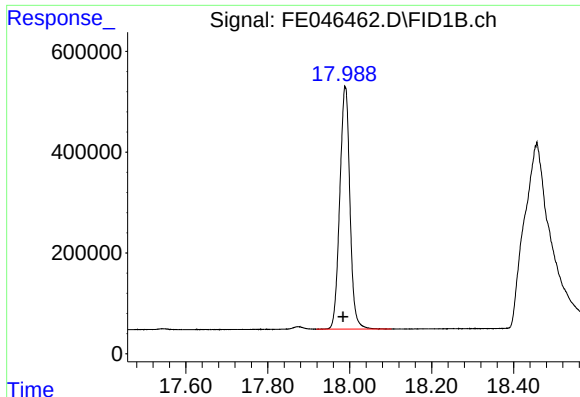
#15 n-Hexacosane (C26)

R.T.: 16.148 min
Delta R.T.: 0.004 min
Response: 8533958
Conc: 52.87 ug/ml



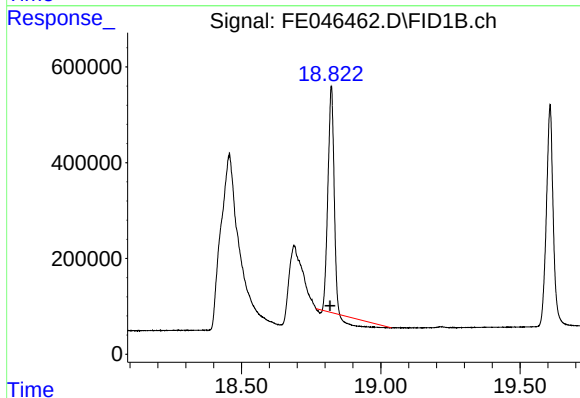
#16 n-Octacosane (C28)

R.T.: 17.097 min
Delta R.T.: 0.002 min
Response: 2602880
Conc: 16.58 ug/ml



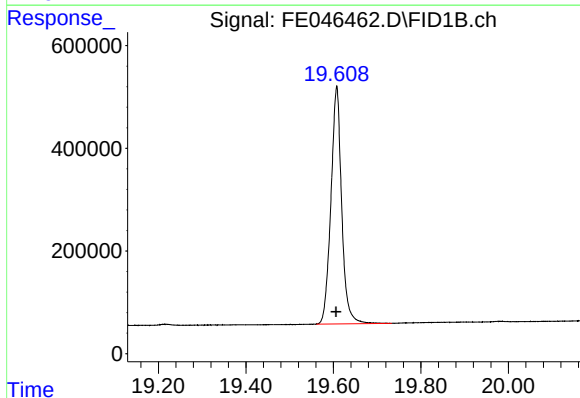
#17 n-Tricontane (C30)

R.T.: 17.989 min
Delta R.T.: 0.005 min
Response: 8273171
Conc: 52.82 ug/ml



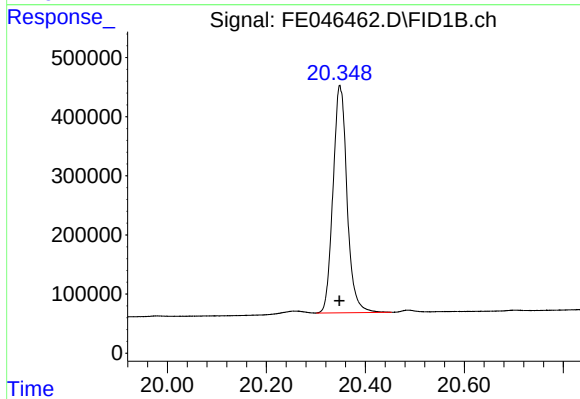
#18 n-Dotriacontane (C32)

R.T.: 18.823 min
Delta R.T.: 0.004 min
Response: 6173125
Conc: 40.84 ug/ml



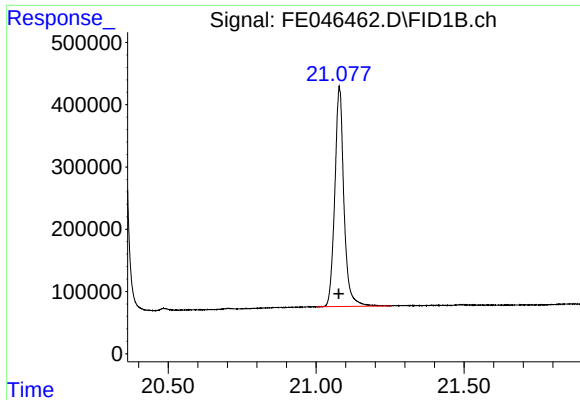
#19 n-Tetratriacontane (C34)

R.T.: 19.608 min
Delta R.T.: 0.002 min
Response: 7882598
Conc: 55.58 ug/ml



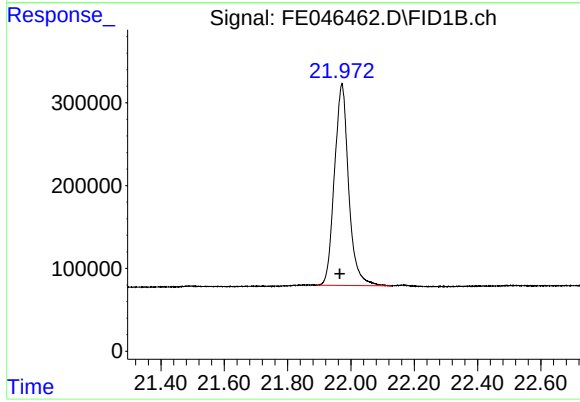
#20 n-Hexatriacontane (C36)

R.T.: 20.348 min
Delta R.T.: 0.000 min
Response: 7572364
Conc: 54.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.079 min
Delta R.T.: 0.002 min
Response: 7615165
Conc: 59.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: 0.007 min
Response: 7574806
Conc: 60.58 ug/ml