

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041024AL\
 Data File : FE047556.D
 Signal(s) : FID1B.ch
 Acq On : 10 Apr 2024 16:34
 Operator : YP\AJ
 Sample : P2038-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 11 01:27:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.991	4761450	27.452 ug/ml
Spiked Amount 50.000		Recovery =	54.90%
12) S 1-chlorooctadecane (S...	13.416	10581270	78.673 ug/ml
Spiked Amount 50.000		Recovery =	157.35%
Target Compounds			
1) T n-Nonane (C9)	3.365	3251627	20.784 ug/ml
2) T n-Decane (C10)	4.619	3900419	24.269 ug/ml
3) T A~Naphthalene (C11.7)	6.328	4566004	26.929 ug/ml
4) T n-Dodecane (C12)	6.786	4732553	29.158 ug/ml
5) T A~2-methylnaphthalene...	7.425	4968167	30.253 ug/ml
6) T n-Tetradecane (C14)	8.616	5607514	34.857 ug/ml
7) T n-Hexadecane (C16)	10.225	6220738	37.457 ug/ml
8) T n-Octadecane (C18)	11.669	6470034	38.581 ug/ml
10) T n-Eicosane (C20)	12.981	6628356	40.915 ug/ml
11) T n-Heneicosane (C21)	13.593	6481737	40.849 ug/ml
13) T n-Docosane (C22)	14.179	6452821	40.209 ug/ml
14) T n-Tetracosane (C24)	15.279	11674818	70.729 ug/ml
15) T n-Hexacosane (C26)	16.306	6452272	39.035 ug/ml
16) T n-Octacosane (C28)	17.258	7591682	45.811 ug/ml
17) T n-Tricontane (C30)	18.150	7573985	44.612 ug/ml
18) T n-Dotriacontane (C32)	18.984	7026064	42.135 ug/ml
19) T n-Tetratriacontane (C34)	19.728	10058	0.063 ug/ml
20) T n-Hexatriacontane (C36)	20.514	7644602	47.929 ug/ml
21) T n-Octatriacontane (C38)	21.202	115822	0.713 ug/ml
22) T n-Tetracontane (C40)	22.094	317048	1.936 ug/ml

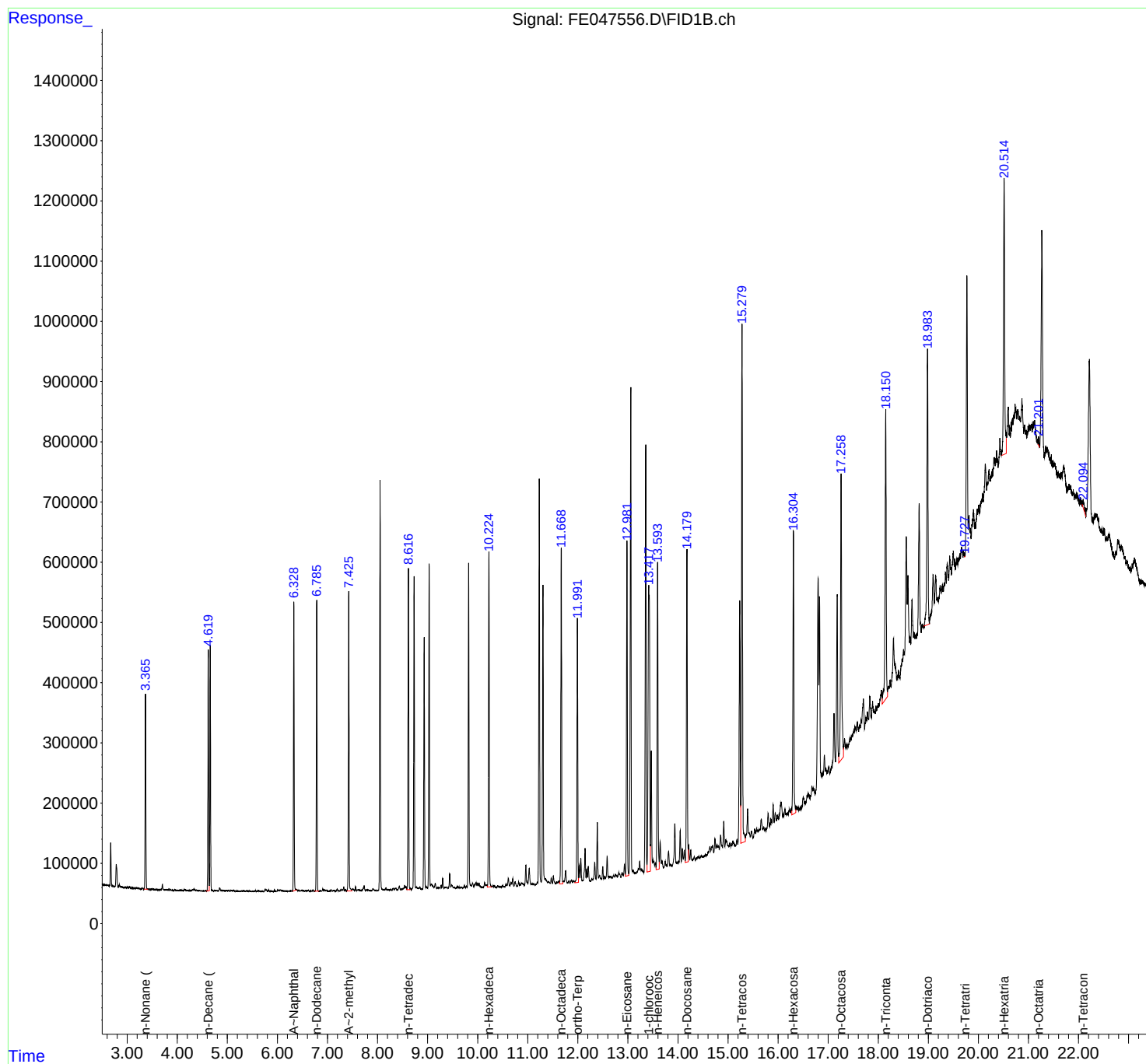
(f)=RT Delta > 1/2 Window

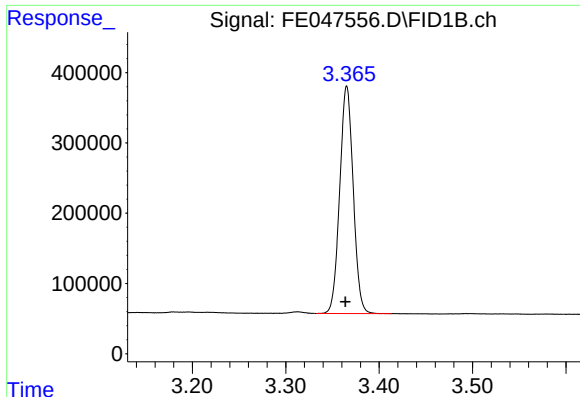
(m)=manual int.

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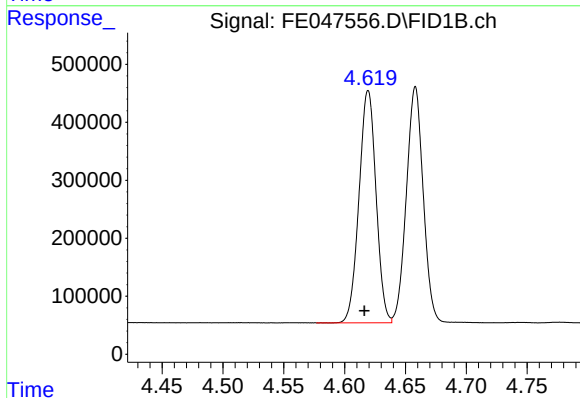
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Signal Phase : Rxi-1ms
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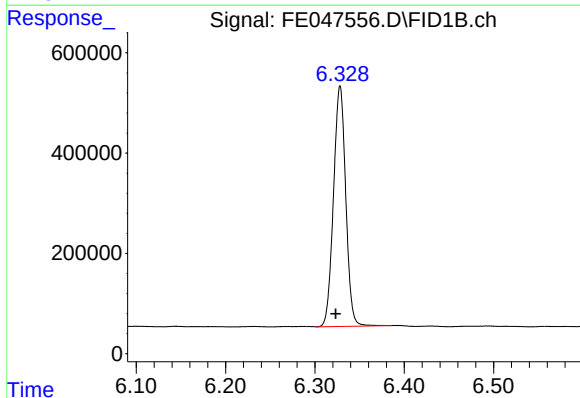
#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: 0.001 min
Response: 3251627
Conc: 20.78 ug/ml



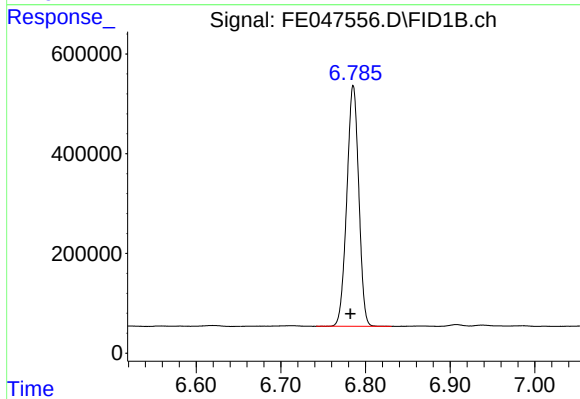
#2 n-Decane (C10)

R.T.: 4.619 min
Delta R.T.: 0.003 min
Response: 3900419
Conc: 24.27 ug/ml



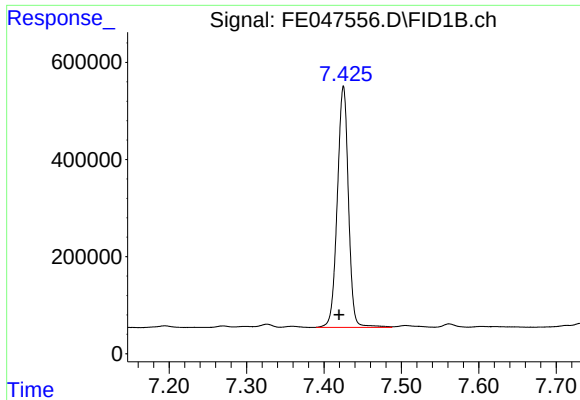
#3 A~Naphthalene (C11.7)

R.T.: 6.328 min
Delta R.T.: 0.005 min
Response: 4566004
Conc: 26.93 ug/ml



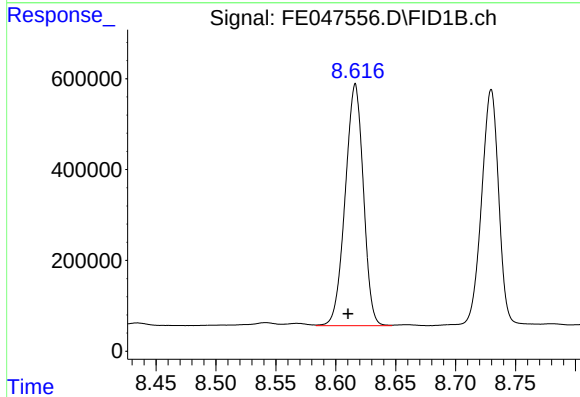
#4 n-Dodecane (C12)

R.T.: 6.786 min
Delta R.T.: 0.003 min
Response: 4732553
Conc: 29.16 ug/ml



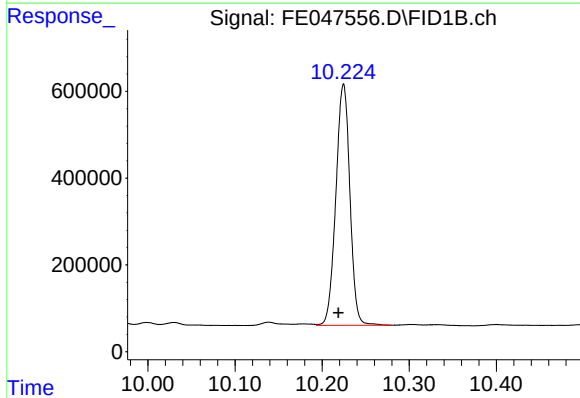
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.425 min
Delta R.T.: 0.006 min
Response: 4968167
Conc: 30.25 ug/ml



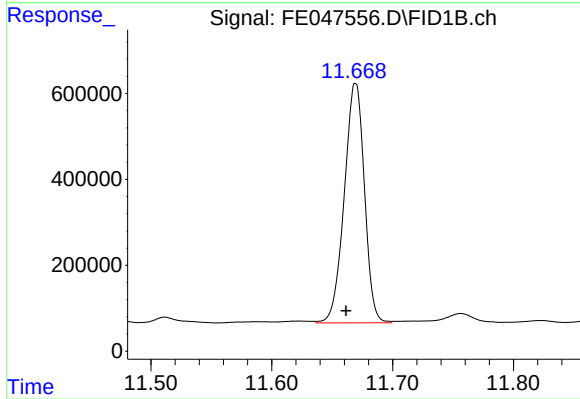
#6 n-Tetradecane (C14)

R.T.: 8.616 min
Delta R.T.: 0.006 min
Response: 5607514
Conc: 34.86 ug/ml



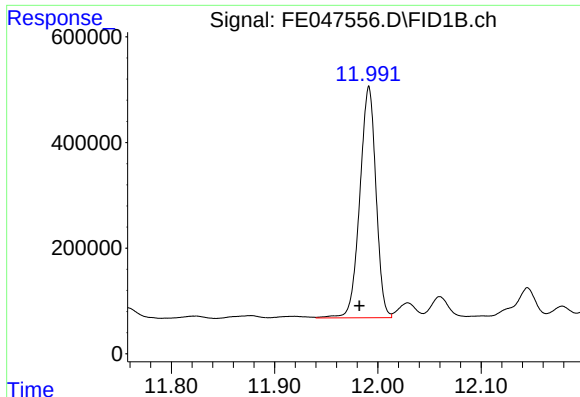
#7 n-Hexadecane (C16)

R.T.: 10.225 min
Delta R.T.: 0.006 min
Response: 6220738
Conc: 37.46 ug/ml



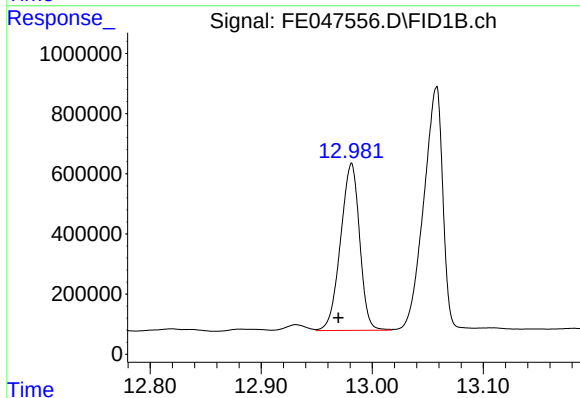
#8 n-Octadecane (C18)

R.T.: 11.669 min
Delta R.T.: 0.008 min
Response: 6470034
Conc: 38.58 ug/ml



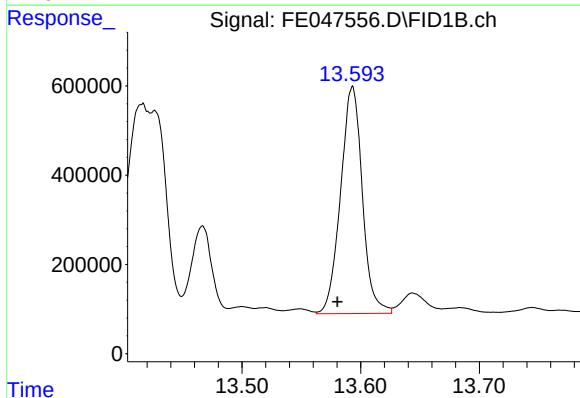
#9 ortho-Terphenyl (SURR)

R.T.: 11.991 min
Delta R.T.: 0.009 min
Response: 4761450
Conc: 27.45 ug/ml



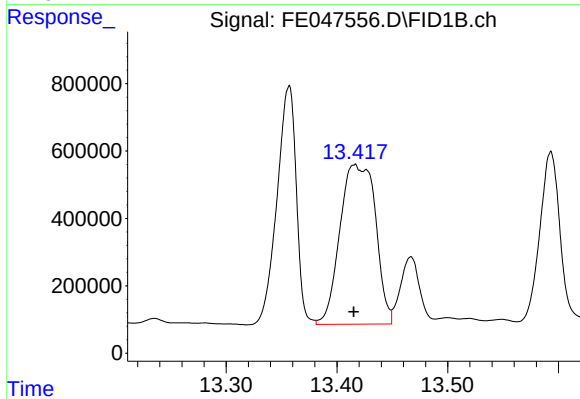
#10 n-Eicosane (C20)

R.T.: 12.981 min
Delta R.T.: 0.012 min
Response: 6628356
Conc: 40.91 ug/ml



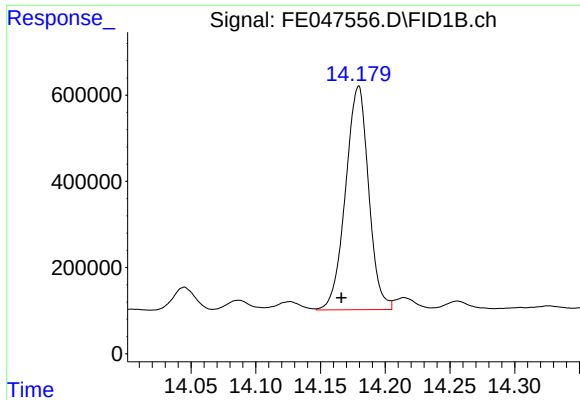
#11 n-Heneicosane (C21)

R.T.: 13.593 min
Delta R.T.: 0.013 min
Response: 6481737
Conc: 40.85 ug/ml



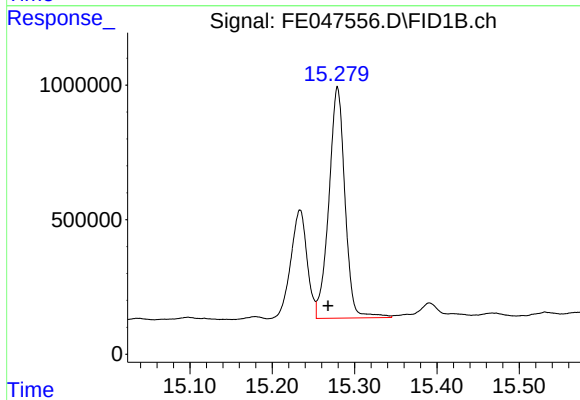
#12 1-chlorooctadecane (SURR)

R.T.: 13.416 min
Delta R.T.: 0.000 min
Response: 10581270
Conc: 78.67 ug/ml



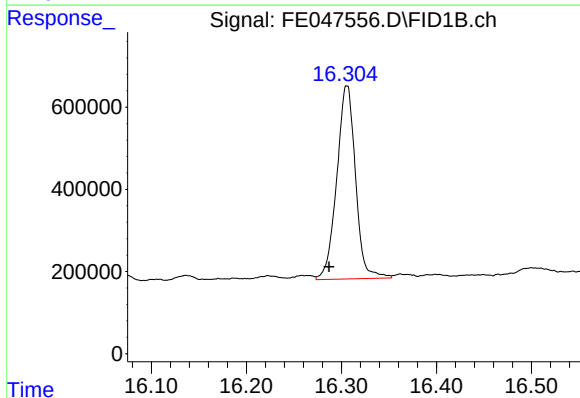
#13 n-Docosane (C22)

R.T.: 14.179 min
Delta R.T.: 0.013 min
Response: 6452821
Conc: 40.21 ug/ml



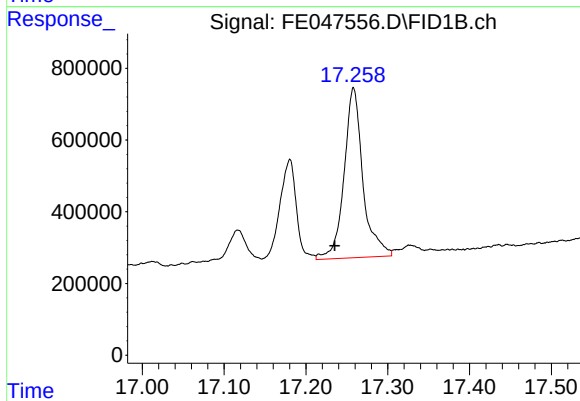
#14 n-Tetracosane (C24)

R.T.: 15.279 min
Delta R.T.: 0.012 min
Response: 11674818
Conc: 70.73 ug/ml



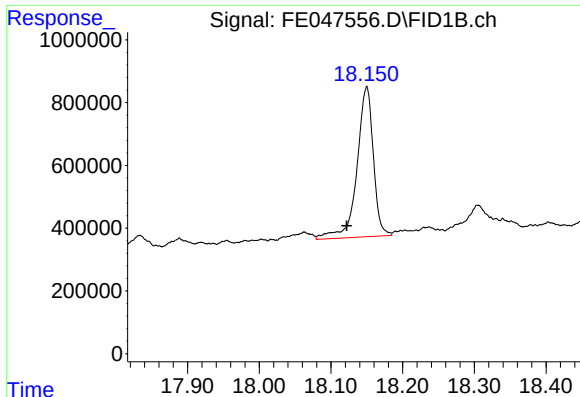
#15 n-Hexacosane (C26)

R.T.: 16.306 min
Delta R.T.: 0.019 min
Response: 6452272
Conc: 39.03 ug/ml



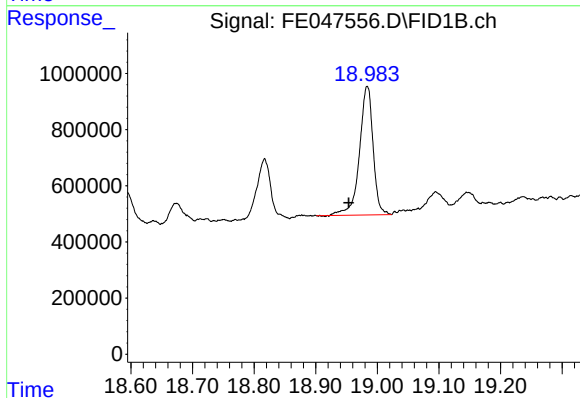
#16 n-Octacosane (C28)

R.T.: 17.258 min
Delta R.T.: 0.023 min
Response: 7591682
Conc: 45.81 ug/ml



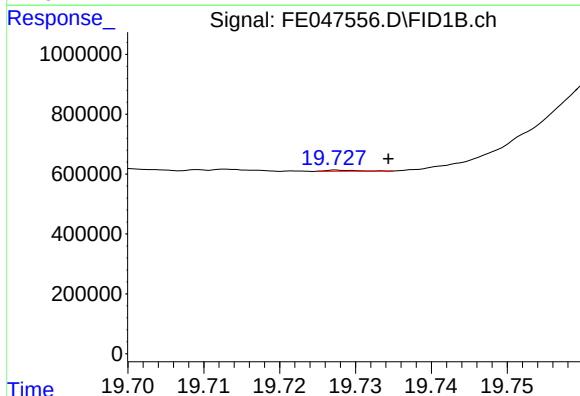
#17 n-Tricontane (C30)

R.T.: 18.150 min
Delta R.T.: 0.028 min
Response: 7573985
Conc: 44.61 ug/ml



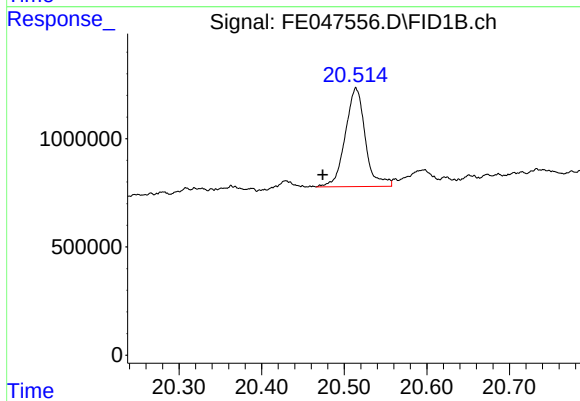
#18 n-Dotriacontane (C32)

R.T.: 18.984 min
Delta R.T.: 0.030 min
Response: 7026064
Conc: 42.14 ug/ml



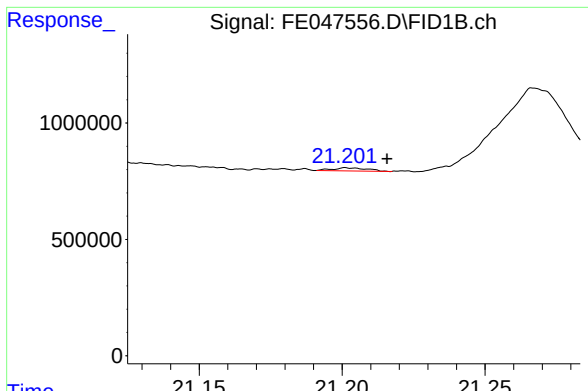
#19 n-Tetratriacontane (C34)

R.T.: 19.728 min
Delta R.T.: -0.006 min
Response: 10058
Conc: 0.06 ug/ml



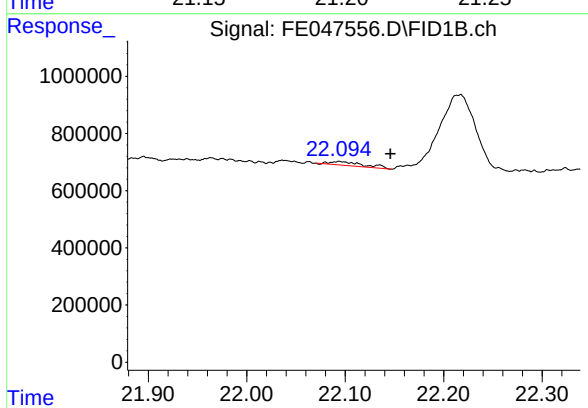
#20 n-Hexatriacontane (C36)

R.T.: 20.514 min
Delta R.T.: 0.040 min
Response: 7644602
Conc: 47.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.202 min
Delta R.T.: -0.014 min
Response: 115822
Conc: 0.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.094 min
Delta R.T.: -0.052 min
Response: 317048
Conc: 1.94 ug/ml