Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102323AL\
Data File : FE044984.D
Signal(s) : FID1B.ch
Acq On : 23 Oct 2023 15:09
Operator : YP\AJ
Sample : PB156562BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Oct 24 00:56:32 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
Quant Title : GC Extractables
QLast Update : Thu Oct 12 06:15:32 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)	11.900	8152134	40.666	ug/ml
Spiked Amount	50.000		Recovery =	81.33%	
12) S	1-chlorooctadecane (S...	13.341	6193726	41.854	ug/ml
Spiked Amount	50.000		Recovery =	83.71%	
	Target Compounds				
1) T	n-Nonane (C9)	3.292	5165835	30.794	ug/ml
2) T	n-Decane (C10)	4.539	5607041	32.915	ug/ml
3) T	A~Naphthalene (C11.7)	6.236	6316678	34.122	ug/ml
4) T	n-Dodecane (C12)	6.701	6130654	35.515	ug/ml
5) T	A~2-methylnaphthalene...	7.331	6376198	35.346	ug/ml
6) T	n-Tetradecane (C14)	8.530	6735736	39.280	ug/ml
7) T	n-Hexadecane (C16)	10.139	7293456	41.708	ug/ml
8) T	n-Octadecane (C18)	11.585	7439494	42.654	ug/ml
10) T	n-Eicosane (C20)	12.896	7353764	44.027	ug/ml
11) T	n-Heneicosane (C21)	13.509	6980525	42.822	ug/ml
13) T	n-Docosane (C22)	14.097	6870736	42.955	ug/ml
14) T	n-Tetracosane (C24)	15.181	13290752	85.638	ug/mlm
15) T	n-Hexacosane (C26)	16.226	6510839	43.366	ug/ml
16) T	n-Octacosane (C28)	17.176	6587802	44.863	ug/ml
17) T	n-Tricontane (C30)	18.066	6580925	44.248	ug/ml
18) T	n-Dotriacontane (C32)	18.899	6735753	44.877	ug/ml
19) T	n-Tetratriacontane (C34)	19.684	6754647	45.375	ug/ml
20) T	n-Hexatriacontane (C36)	20.425	6725573	43.746	ug/ml
21) T	n-Octatriacontane (C38)	21.166	7024194	44.966	ug/ml
22) T	n-Tetracontane (C40)	22.082	6895781	41.262	ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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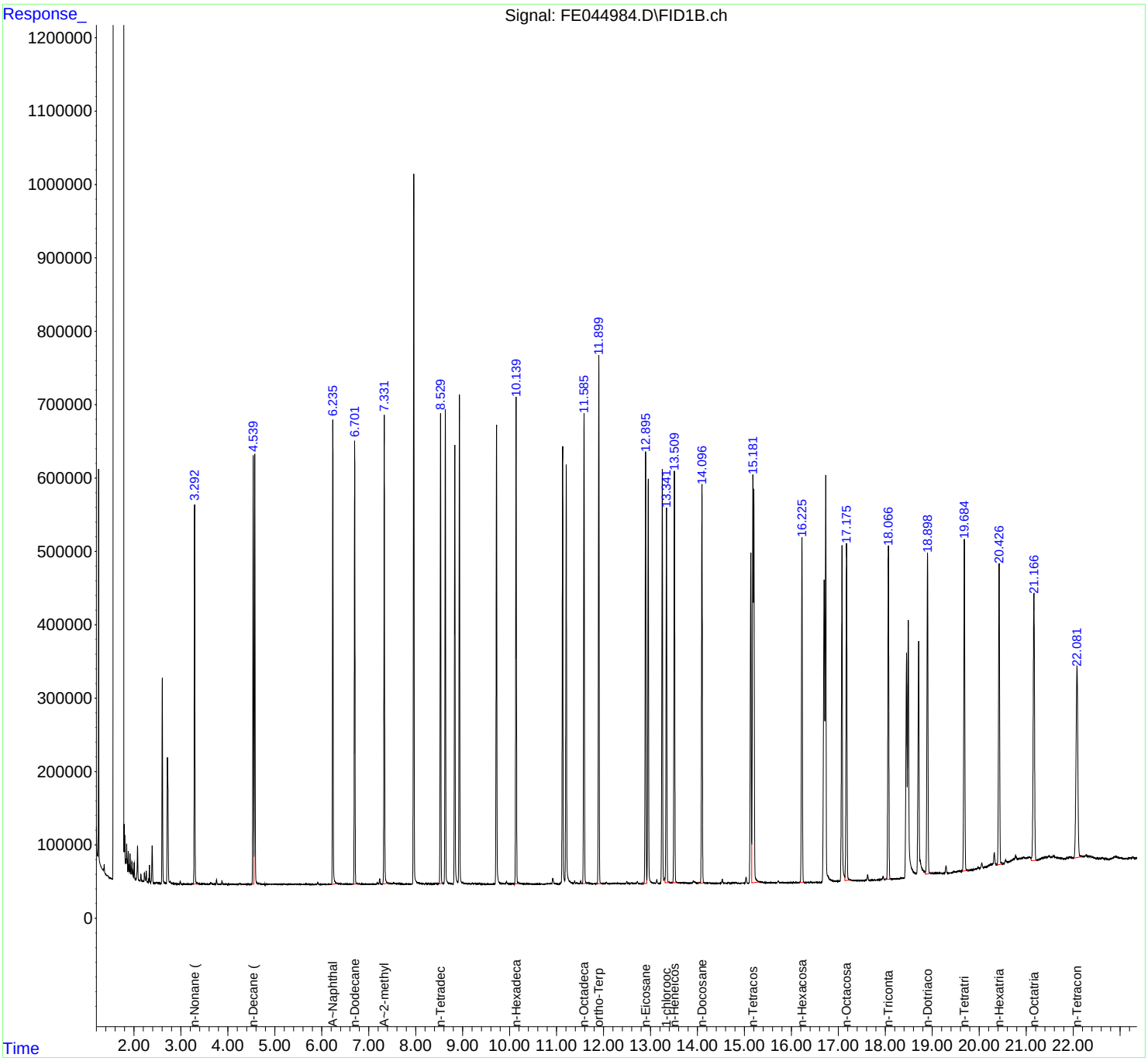
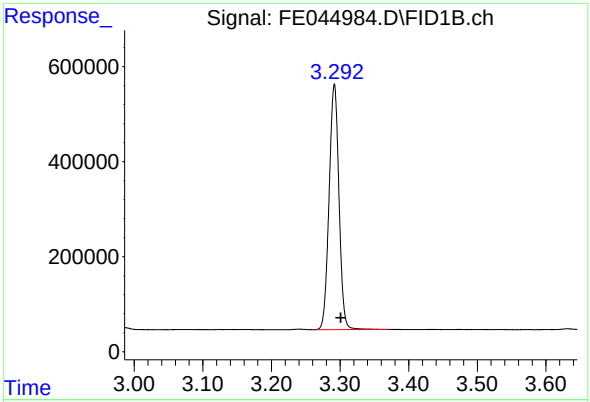
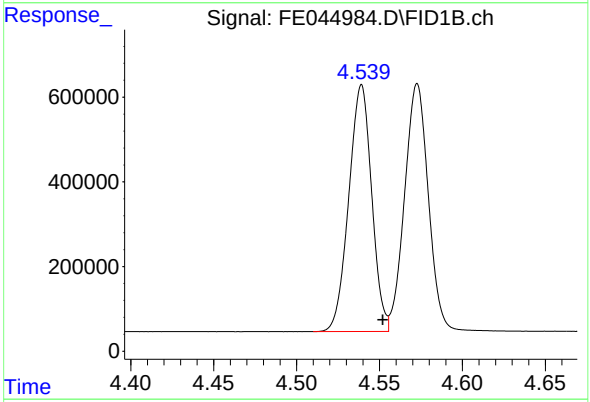
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





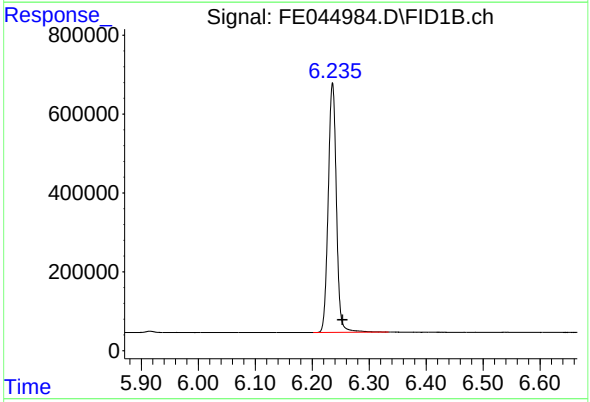
#1 n-Nonane (C9)

R.T.: 3.292 min
Delta R.T.: -0.009 min
Response: 5165835
Conc: 30.79 ug/ml



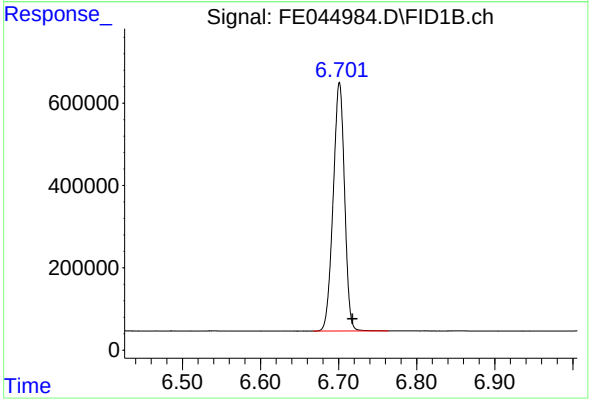
#2 n-Decane (C10)

R.T.: 4.539 min
Delta R.T.: -0.013 min
Response: 5607041
Conc: 32.91 ug/ml



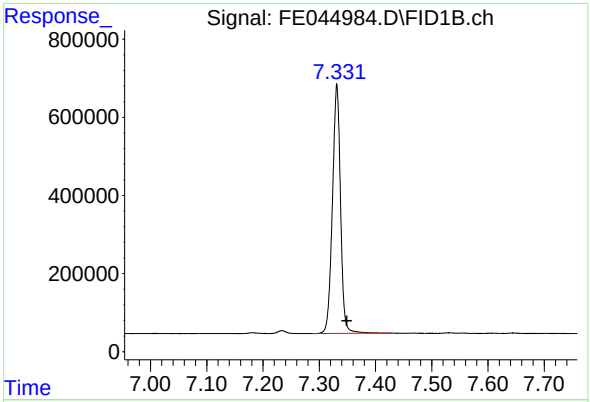
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: -0.017 min
Response: 6316678
Conc: 34.12 ug/ml



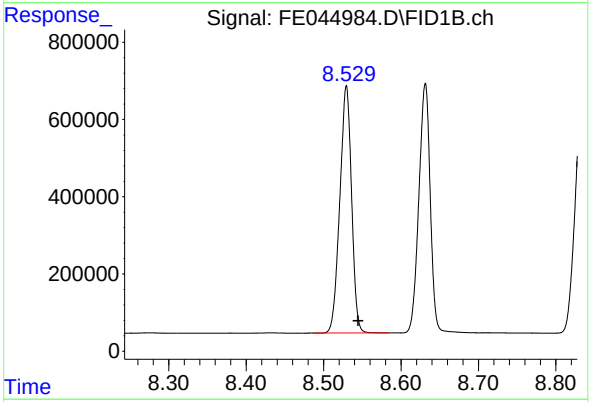
#4 n-Dodecane (C12)

R.T.: 6.701 min
Delta R.T.: -0.016 min
Response: 6130654
Conc: 35.52 ug/ml



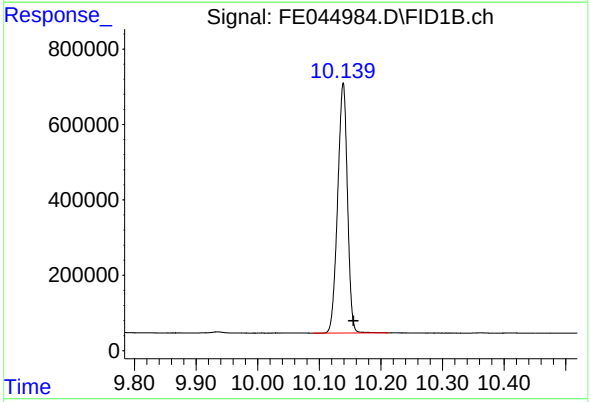
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.331 min
Delta R.T.: -0.018 min
Response: 6376198
Conc: 35.35 ug/ml



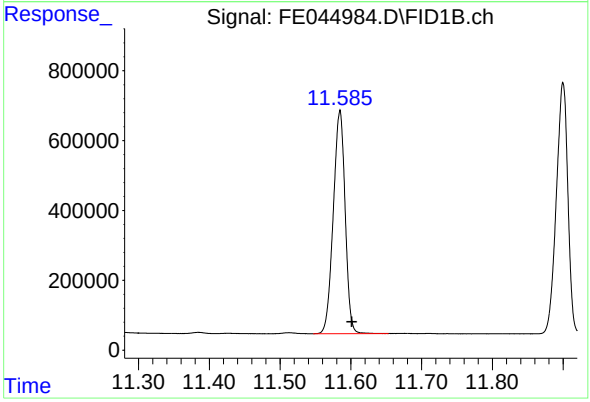
#6 n-Tetradecane (C14)

R.T.: 8.530 min
Delta R.T.: -0.015 min
Response: 6735736
Conc: 39.28 ug/ml



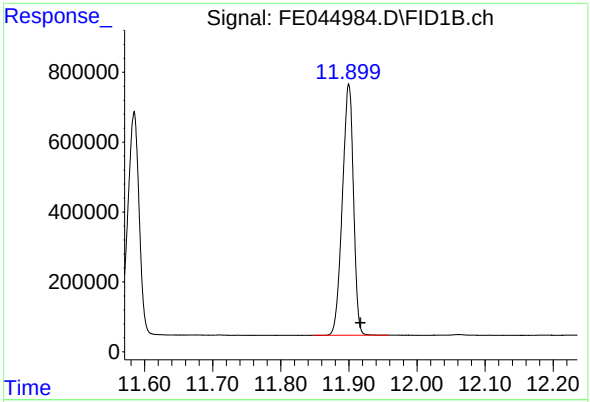
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: -0.016 min
Response: 7293456
Conc: 41.71 ug/ml



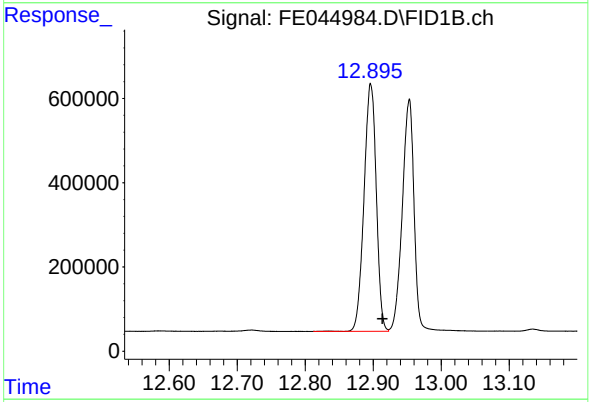
#8 n-Octadecane (C18)

R.T.: 11.585 min
Delta R.T.: -0.017 min
Response: 7439494
Conc: 42.65 ug/ml



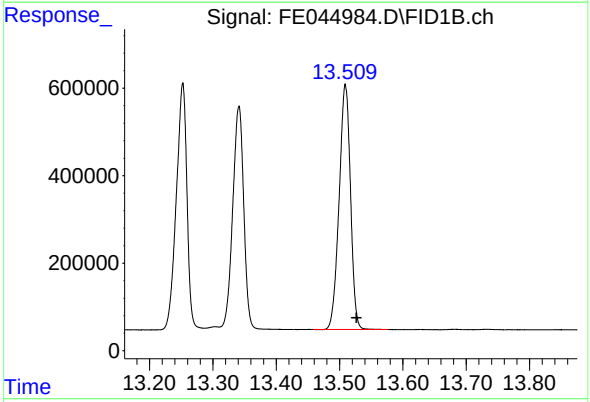
#9 ortho-Terphenyl (SURR)

R.T.: 11.900 min
Delta R.T.: -0.017 min
Response: 8152134
Conc: 40.67 ug/ml



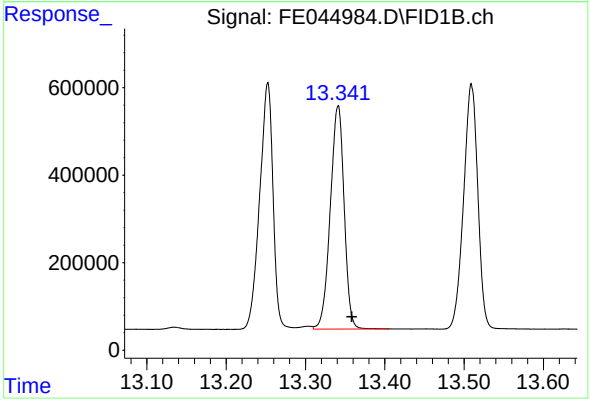
#10 n-Eicosane (C20)

R.T.: 12.896 min
Delta R.T.: -0.017 min
Response: 7353764
Conc: 44.03 ug/ml



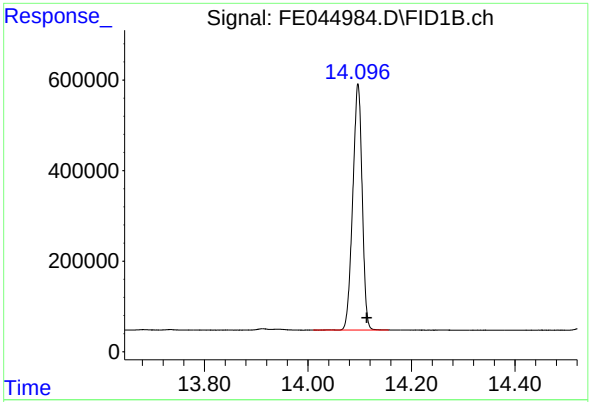
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: -0.017 min
Response: 6980525
Conc: 42.82 ug/ml



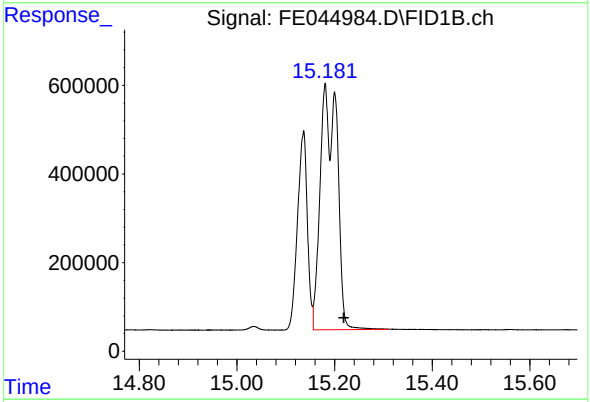
#12 1-chlorooctadecane (SURR)

R.T.: 13.341 min
Delta R.T.: -0.017 min
Response: 6193726
Conc: 41.85 ug/ml



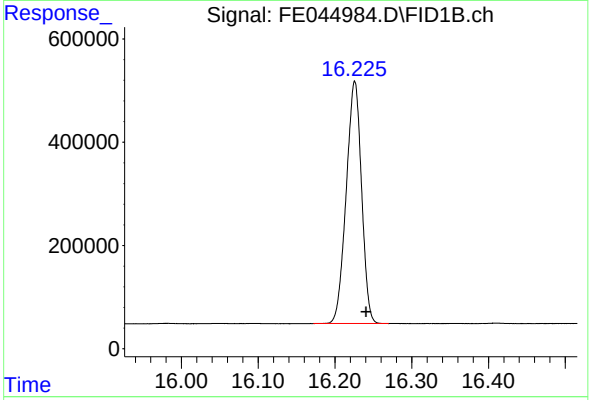
#13 n-Docosane (C22)

R.T.: 14.097 min
Delta R.T.: -0.017 min
Response: 6870736
Conc: 42.95 ug/ml



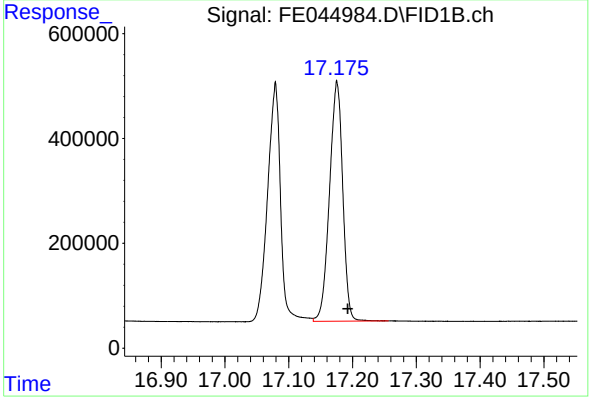
#14 n-Tetracosane (C24)

R.T.: 15.181 min
Delta R.T.: -0.038 min
Response: 13290752
Conc: 85.64 ug/ml m



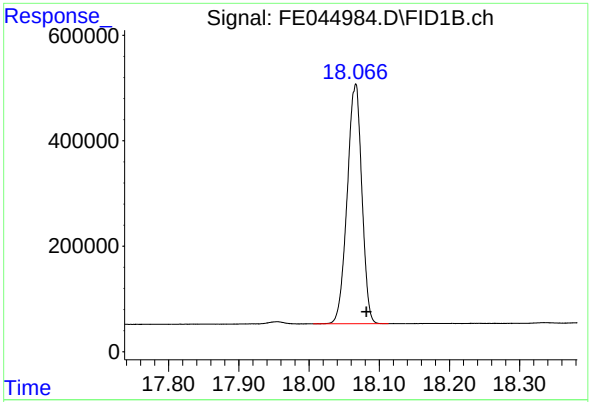
#15 n-Hexacosane (C26)

R.T.: 16.226 min
Delta R.T.: -0.015 min
Response: 6510839
Conc: 43.37 ug/ml



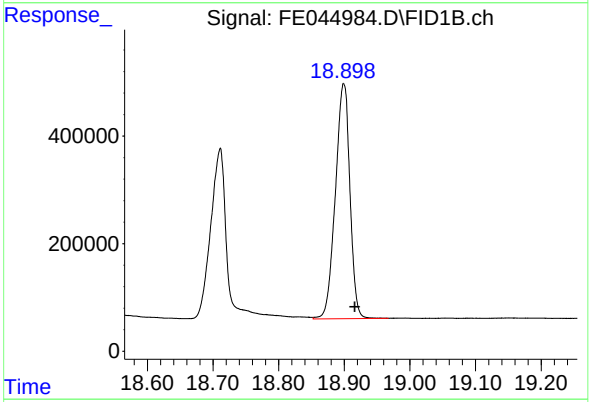
#16 n-Octacosane (C28)

R.T.: 17.176 min
Delta R.T.: -0.017 min
Response: 6587802
Conc: 44.86 ug/ml



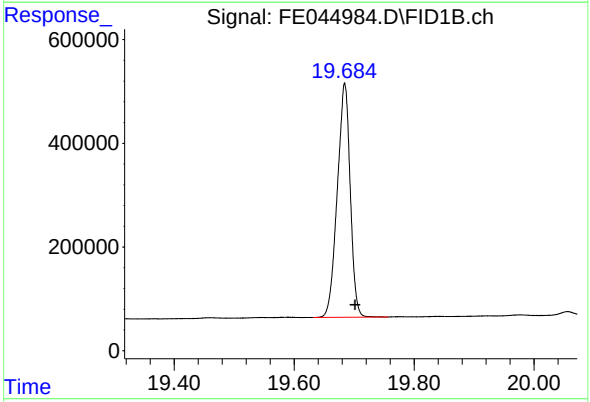
#17 n-Tricontane (C30)

R.T.: 18.066 min
Delta R.T.: -0.015 min
Response: 6580925
Conc: 44.25 ug/ml



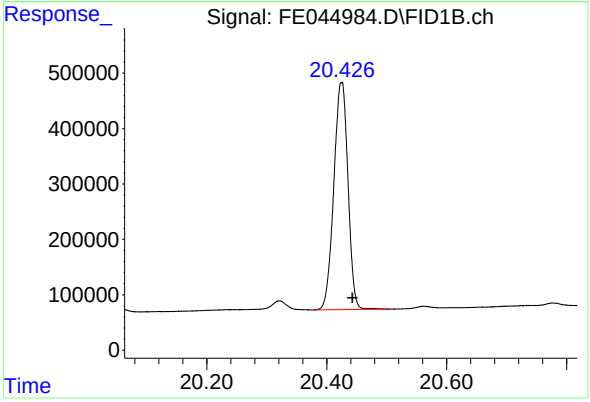
#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: -0.017 min
Response: 6735753
Conc: 44.88 ug/ml



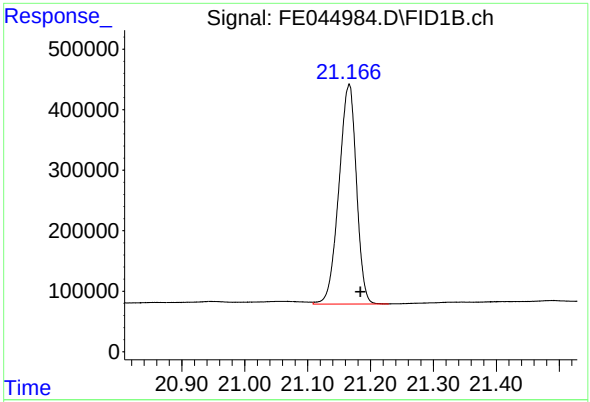
#19 n-Tetratriacontane (C34)

R.T.: 19.684 min
Delta R.T.: -0.017 min
Response: 6754647
Conc: 45.37 ug/ml



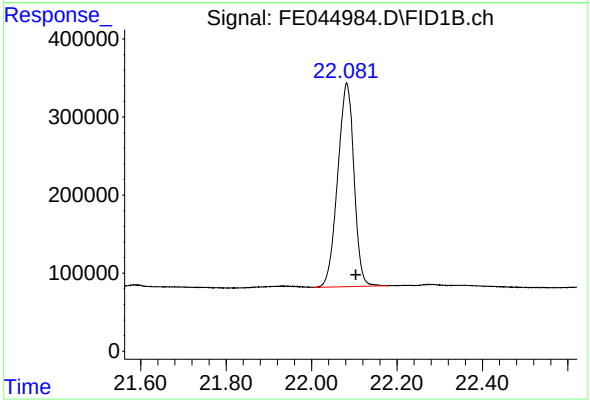
#20 n-Hexatriacontane (C36)

R.T.: 20.425 min
Delta R.T.: -0.018 min
Response: 6725573
Conc: 43.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.166 min
Delta R.T.: -0.018 min
Response: 7024194
Conc: 44.97 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.082 min
Delta R.T.: -0.021 min
Response: 6895781
Conc: 41.26 ug/ml