

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060123AL\
 Data File : FE042332.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jun 2023 09:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 01 15:54:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.952	3376952	19.124 ug/ml
Spiked Amount 50.000		Recovery =	38.25%
12) S 1-chlorooctadecane (S...	13.388	2490917	18.746 ug/ml
Spiked Amount 50.000		Recovery =	37.49%
Target Compounds			
1) T n-Nonane (C9)	3.333	2828504	19.615 ug/ml
2) T n-Decane (C10)	4.584	2927764	19.777 ug/ml
3) T A~Naphthalene (C11.7)	6.292	3158111	19.356 ug/ml
4) T n-Dodecane (C12)	6.753	2964074	19.767 ug/ml
5) T A~2-methylnaphthalene...	7.389	3042258	19.170 ug/ml
6) T n-Tetradecane (C14)	8.582	2927507	19.542 ug/ml
7) T n-Hexadecane (C16)	10.190	3029493	19.448 ug/ml
8) T n-Octadecane (C18)	11.633	3045949	19.262 ug/ml
10) T n-Eicosane (C20)	12.943	2900184	19.133 ug/ml
11) T n-Heneicosane (C21)	13.555	2827547	19.085 ug/ml
13) T n-Docosane (C22)	14.142	2779341	18.959 ug/ml
14) T n-Tetracosane (C24)	15.245	2707386	18.755 ug/ml
15) T n-Hexacosane (C26)	16.265	2615693	18.886 ug/ml
16) T n-Octacosane (C28)	17.215	2547801	19.030 ug/ml
17) T n-Tricontane (C30)	18.101	2635958	19.527 ug/ml
18) T n-Dotriacontane (C32)	18.935	2627265	19.667 ug/ml
19) T n-Tetratriacontane (C34)	19.718	2554897	19.427 ug/ml
20) T n-Hexatriacontane (C36)	20.459	2485287	19.122 ug/ml
21) T n-Octatriacontane (C38)	21.207	2545996	18.766 ug/ml
22) T n-Tetracontane (C40)	22.138	2608220	18.748 ug/ml

(f)=RT Delta > 1/2 Window

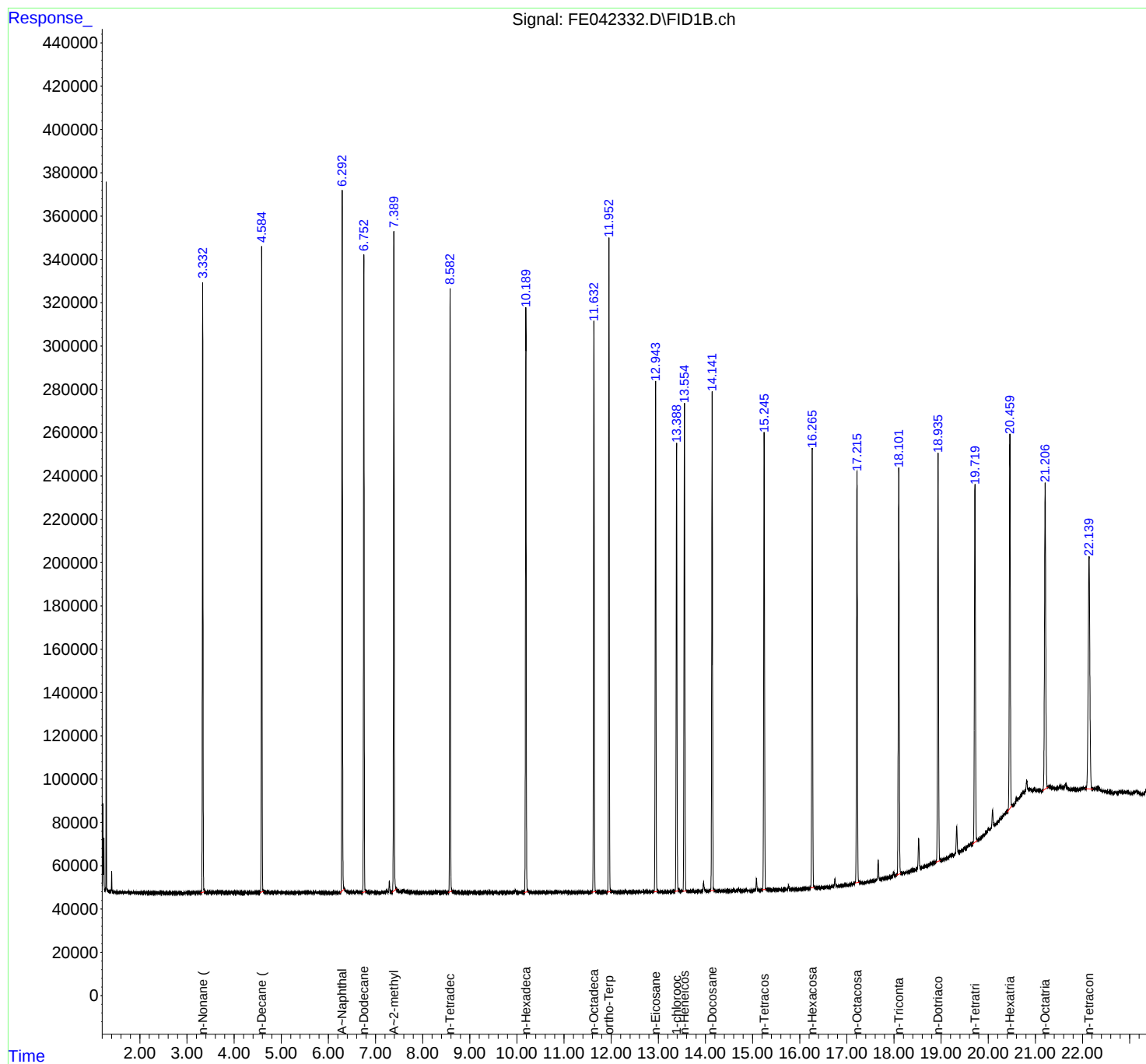
(m)=manual int.

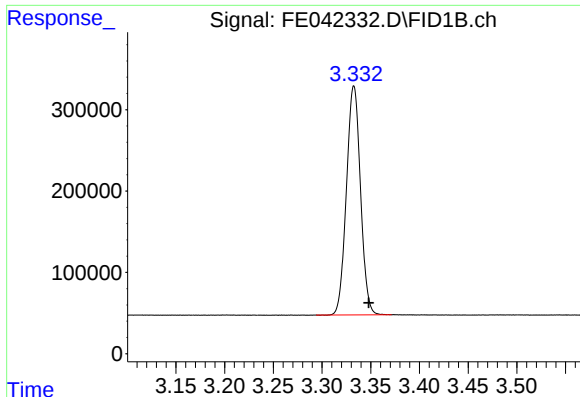
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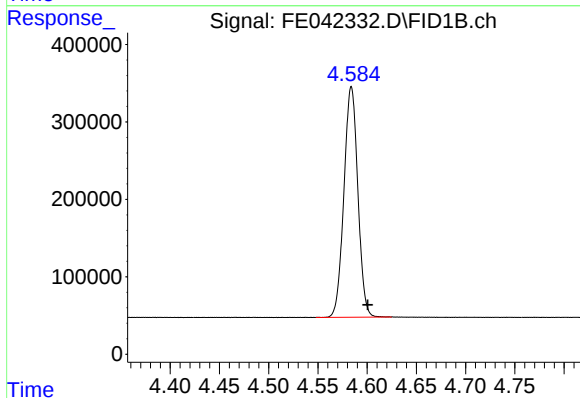




#1 n-Nonane (C9)

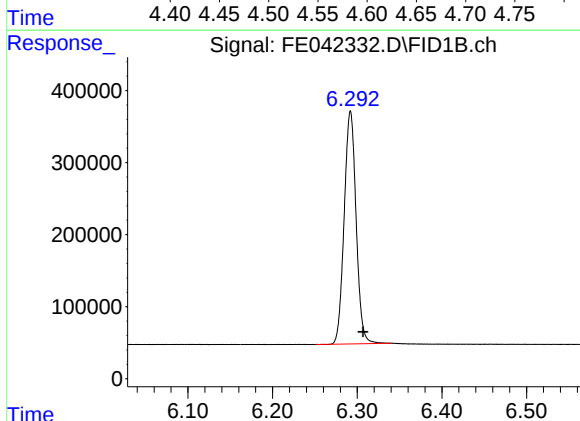
R.T.: 3.333 min
Delta R.T.: -0.015 min
Response: 2828504
Conc: 19.62 ug/ml

Instrument :
FID_E
ClientSampleId :



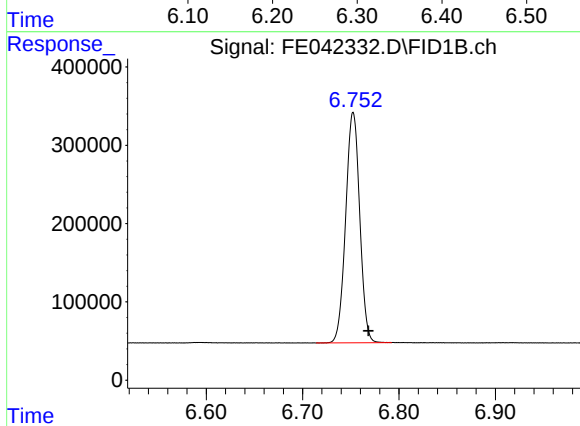
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: -0.016 min
Response: 2927764
Conc: 19.78 ug/ml



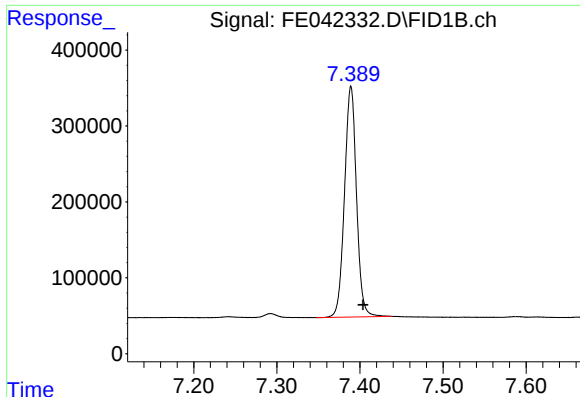
#3 A~Naphthalene (C11.7)

R.T.: 6.292 min
Delta R.T.: -0.015 min
Response: 3158111
Conc: 19.36 ug/ml



#4 n-Dodecane (C12)

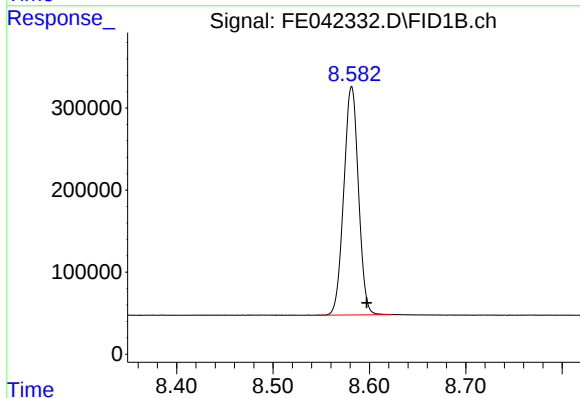
R.T.: 6.753 min
Delta R.T.: -0.016 min
Response: 2964074
Conc: 19.77 ug/ml



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

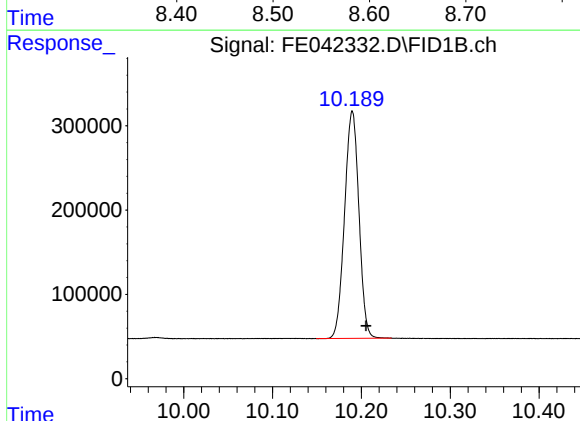
R.T.: 7.389 min
Delta R.T.: -0.014 min
Response: 3042258
Conc: 19.17 ug/ml

Instrument :
FID_E
ClientSampleId :



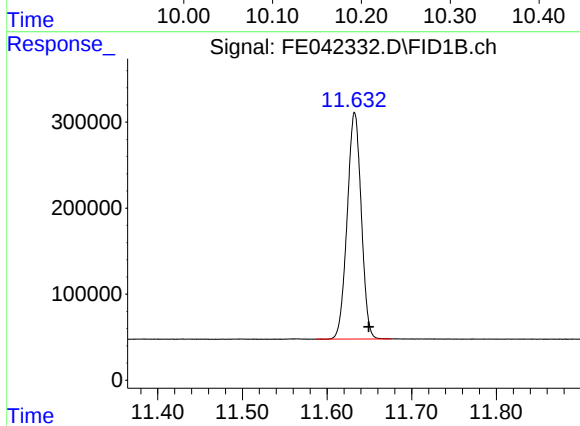
#6 n-Tetradecane (C14)

R.T.: 8.582 min
Delta R.T.: -0.016 min
Response: 2927507
Conc: 19.54 ug/ml



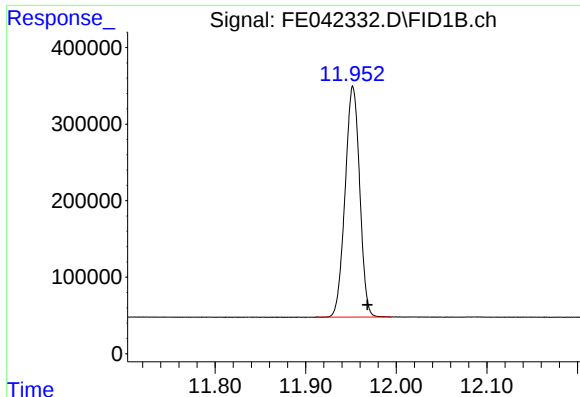
#7 n-Hexadecane (C16)

R.T.: 10.190 min
Delta R.T.: -0.015 min
Response: 3029493
Conc: 19.45 ug/ml



#8 n-Octadecane (C18)

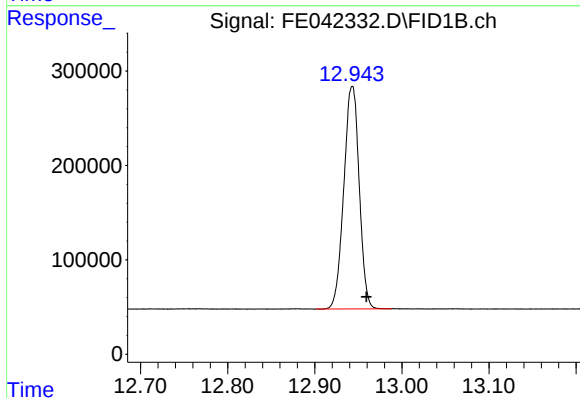
R.T.: 11.633 min
Delta R.T.: -0.016 min
Response: 3045949
Conc: 19.26 ug/ml



#9 ortho-Terphenyl (SURR)

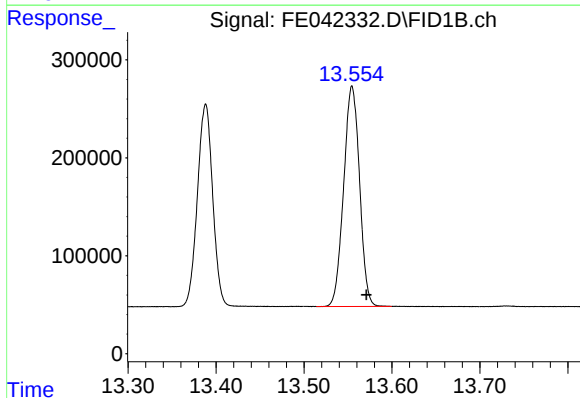
R.T.: 11.952 min
Delta R.T.: -0.016 min
Response: 3376952
Conc: 19.12 ug/ml

Instrument :
FID_E
ClientSampleId :



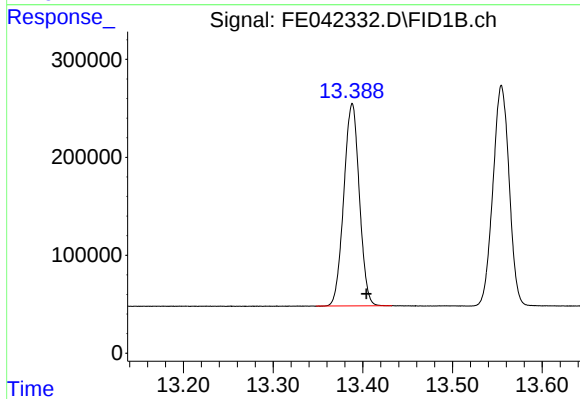
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: -0.016 min
Response: 2900184
Conc: 19.13 ug/ml



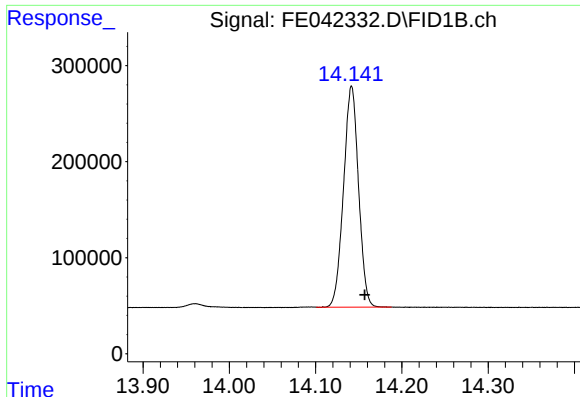
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: -0.016 min
Response: 2827547
Conc: 19.09 ug/ml



#12 1-chlorooctadecane (SURR)

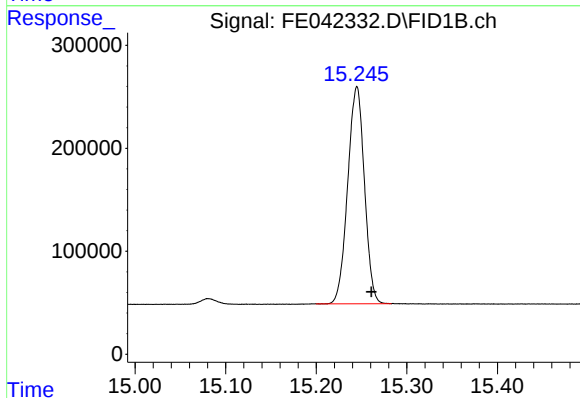
R.T.: 13.388 min
Delta R.T.: -0.016 min
Response: 2490917
Conc: 18.75 ug/ml



#13 n-Docosane (C22)

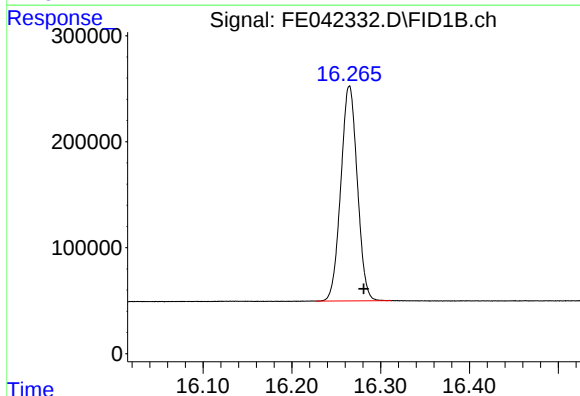
R.T.: 14.142 min
Delta R.T.: -0.015 min
Response: 2779341
Conc: 18.96 ug/ml

Instrument :
FID_E
ClientSampleId :



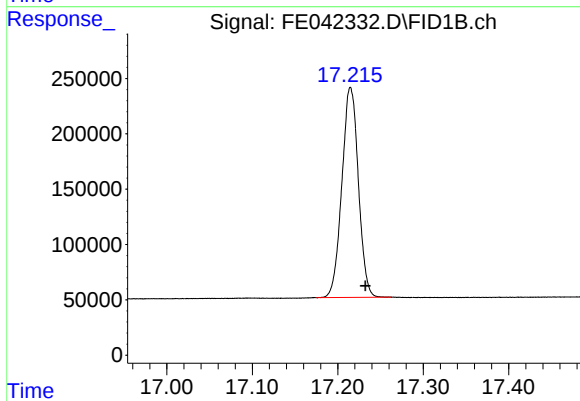
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: -0.016 min
Response: 2707386
Conc: 18.75 ug/ml



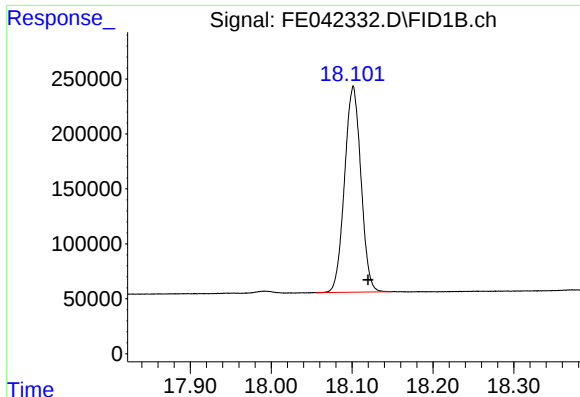
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: -0.016 min
Response: 2615693
Conc: 18.89 ug/ml



#16 n-Octacosane (C28)

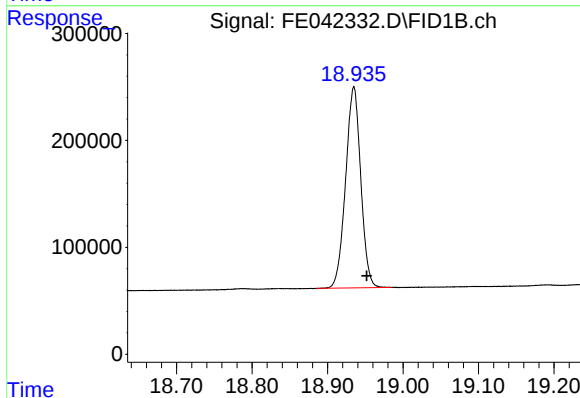
R.T.: 17.215 min
Delta R.T.: -0.017 min
Response: 2547801
Conc: 19.03 ug/ml



#17 n-Tricontane (C30)

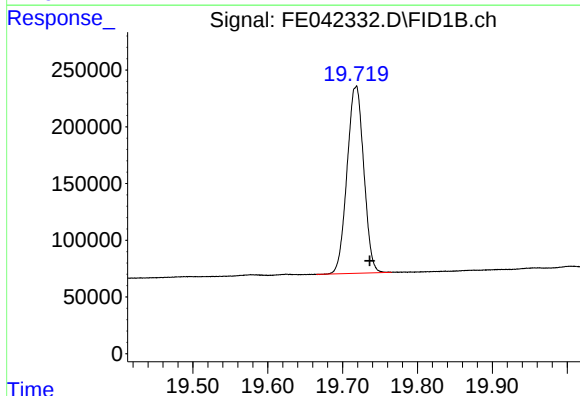
R.T.: 18.101 min
Delta R.T.: -0.018 min
Response: 2635958
Conc: 19.53 ug/ml

Instrument :
FID_E
ClientSampleId :



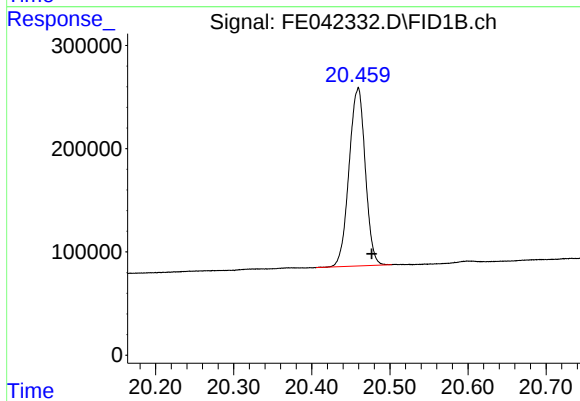
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: -0.017 min
Response: 2627265
Conc: 19.67 ug/ml



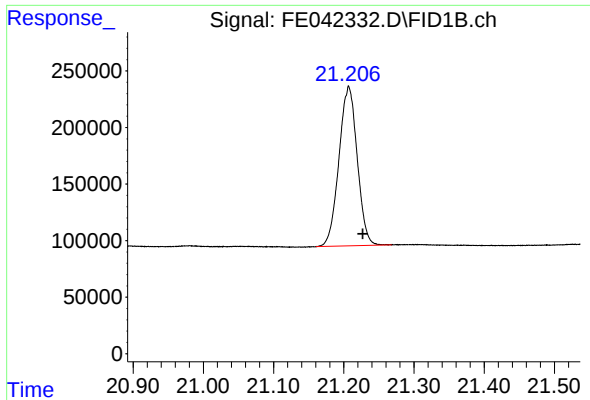
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.019 min
Response: 2554897
Conc: 19.43 ug/ml



#20 n-Hexatriacontane (C36)

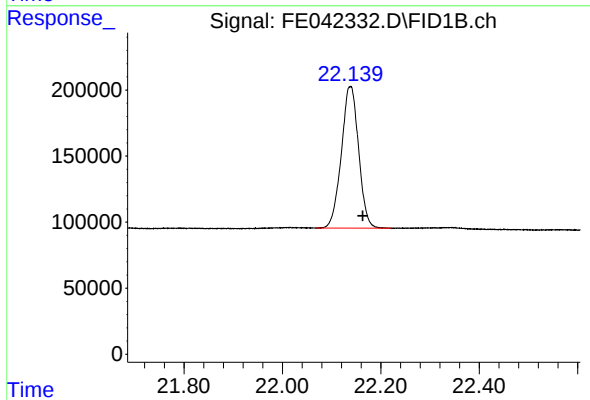
R.T.: 20.459 min
Delta R.T.: -0.017 min
Response: 2485287
Conc: 19.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.020 min
Response: 2545996
Conc: 18.77 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.138 min
Delta R.T.: -0.025 min
Response: 2608220
Conc: 18.75 ug/ml