

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111523AL\
 Data File : FE045354.D
 Signal(s) : FID1B.ch
 Acq On : 15 Nov 2023 08:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 15 09:45:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.882	4018560	21.048 ug/ml
Spiked Amount 50.000		Recovery =	42.10%
12) S 1-chlorooctadecane (S...	13.325	2901613	21.066 ug/ml
Spiked Amount 50.000		Recovery =	42.13%
Target Compounds			
1) T n-Nonane (C9)	3.267	3473973	21.029 ug/ml
2) T n-Decane (C10)	4.518	3601026	21.476 ug/ml
3) T A~Naphthalene (C11.7)	6.219	3758577	21.057 ug/ml
4) T n-Dodecane (C12)	6.685	3616702	21.415 ug/ml
5) T A~2-methylnaphthalene...	7.315	3602657	20.980 ug/ml
6) T n-Tetradecane (C14)	8.511	3549124	21.295 ug/ml
7) T n-Hexadecane (C16)	10.122	3557729	21.151 ug/ml
8) T n-Octadecane (C18)	11.568	3502710	20.928 ug/ml
10) T n-Eicosane (C20)	12.879	3316147	20.934 ug/ml
11) T n-Heneicosane (C21)	13.493	3239151	21.067 ug/ml
13) T n-Docosane (C22)	14.080	3198230	21.108 ug/ml
14) T n-Tetracosane (C24)	15.186	3170957	21.409 ug/ml
15) T n-Hexacosane (C26)	16.210	3147153	21.592 ug/ml
16) T n-Octacosane (C28)	17.161	3211546	21.978 ug/ml
17) T n-Tricontane (C30)	18.052	3458357	22.768 ug/ml
18) T n-Dotriacontane (C32)	18.887	3615553	23.144 ug/ml
19) T n-Tetratriacontane (C34)	19.674	3609177	23.115 ug/ml
20) T n-Hexatriacontane (C36)	20.417	3638646	22.417 ug/ml
21) T n-Octatriacontane (C38)	21.155	3624406	21.815 ug/ml
22) T n-Tetracontane (C40)	22.070	3978336	23.291 ug/ml

(f)=RT Delta > 1/2 Window

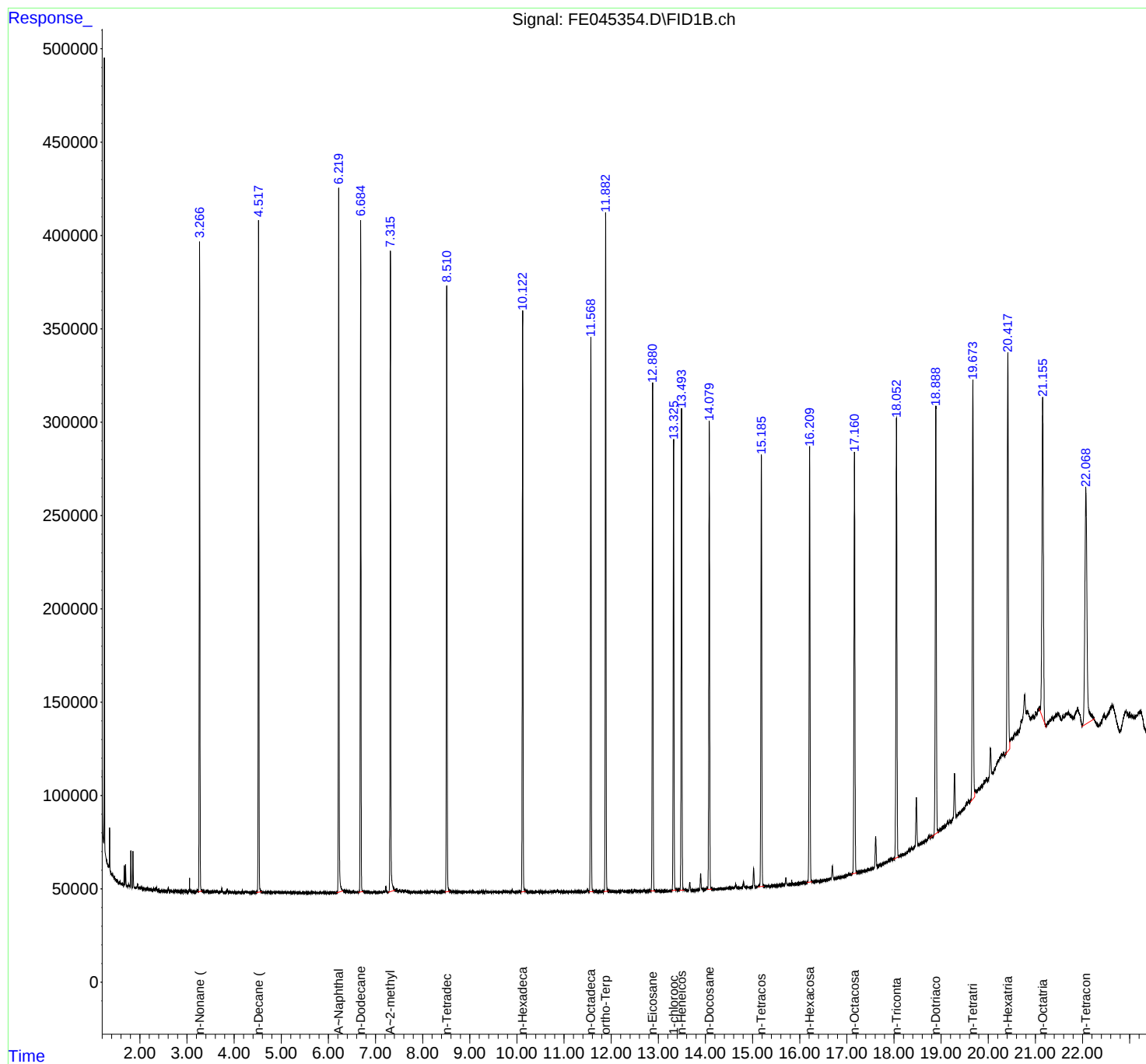
(m)=manual int.

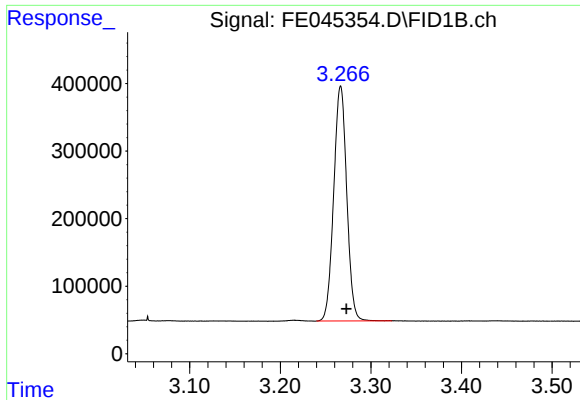
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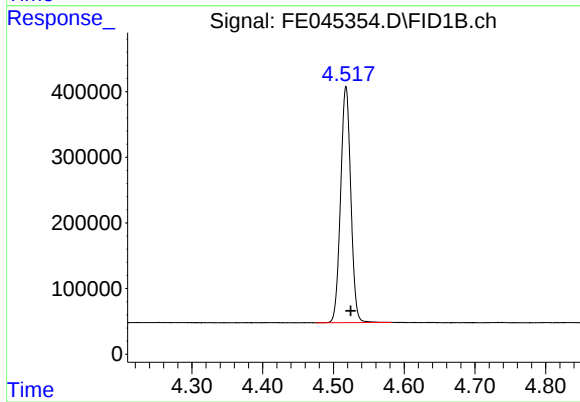




#1 n-Nonane (C9)

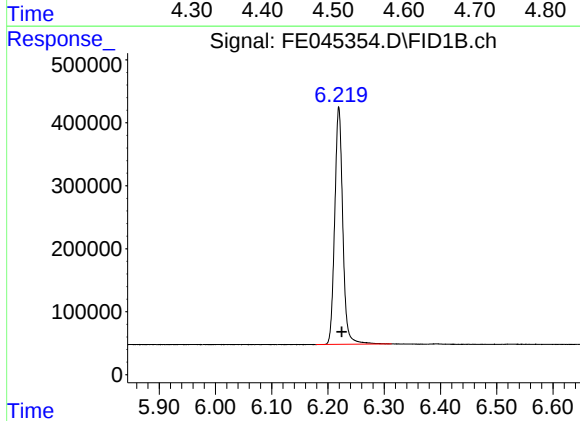
R.T.: 3.267 min
Delta R.T.: -0.006 min
Response: 3473973
Conc: 21.03 ug/ml

Instrument :
FID_E
ClientSampleId :



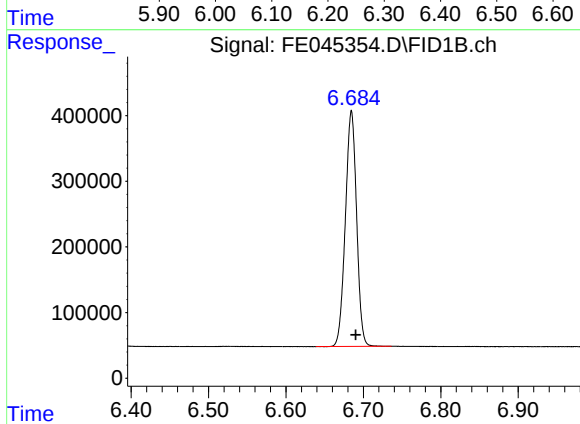
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: -0.007 min
Response: 3601026
Conc: 21.48 ug/ml



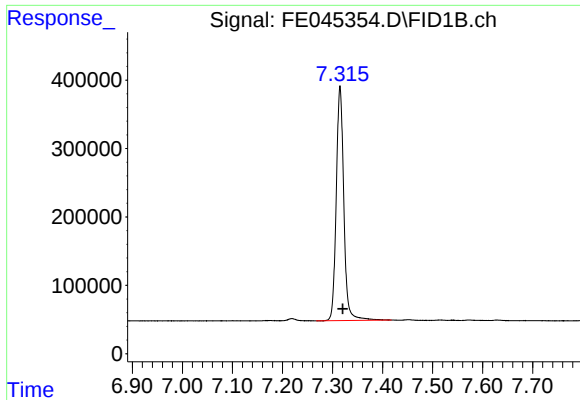
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min
Delta R.T.: -0.005 min
Response: 3758577
Conc: 21.06 ug/ml



#4 n-Dodecane (C12)

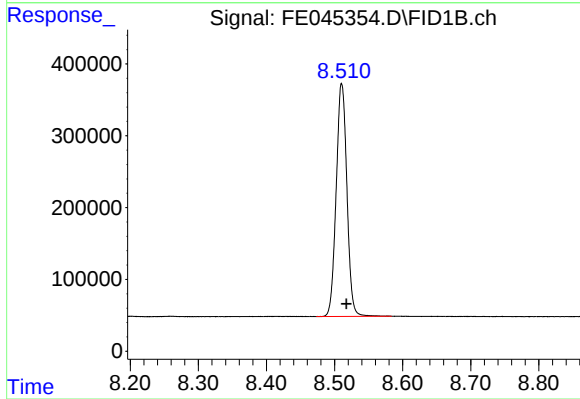
R.T.: 6.685 min
Delta R.T.: -0.006 min
Response: 3616702
Conc: 21.42 ug/ml



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

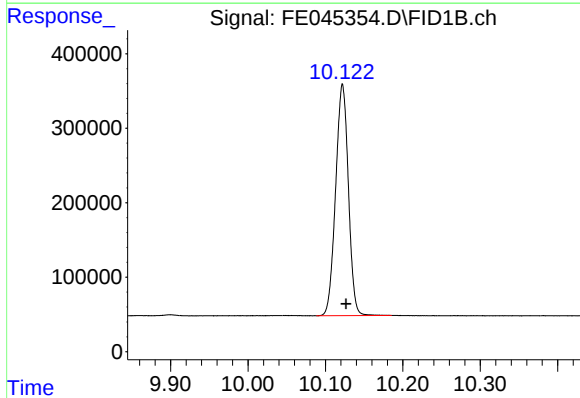
R.T.: 7.315 min
Delta R.T.: -0.006 min
Response: 3602657
Conc: 20.98 ug/ml

Instrument :
FID_E
ClientSampleId :



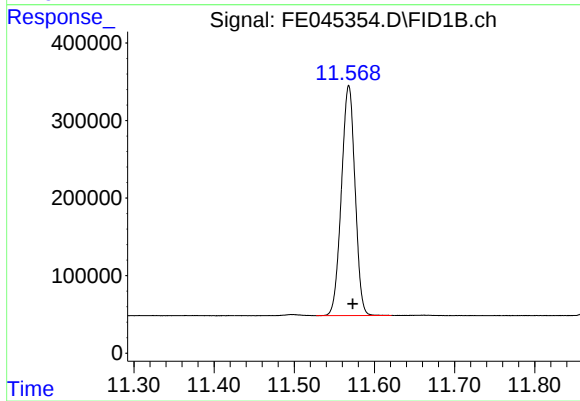
#6 n-Tetradecane (C14)

R.T.: 8.511 min
Delta R.T.: -0.007 min
Response: 3549124
Conc: 21.29 ug/ml



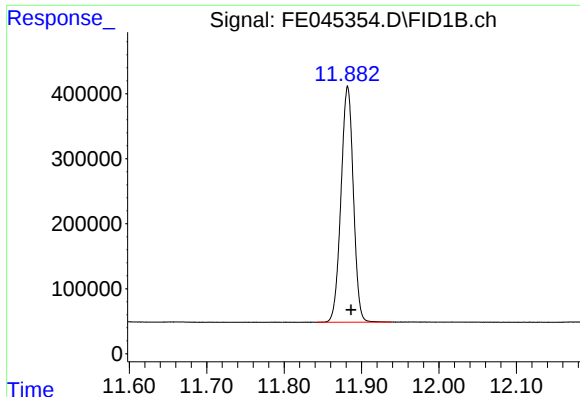
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: -0.005 min
Response: 3557729
Conc: 21.15 ug/ml



#8 n-Octadecane (C18)

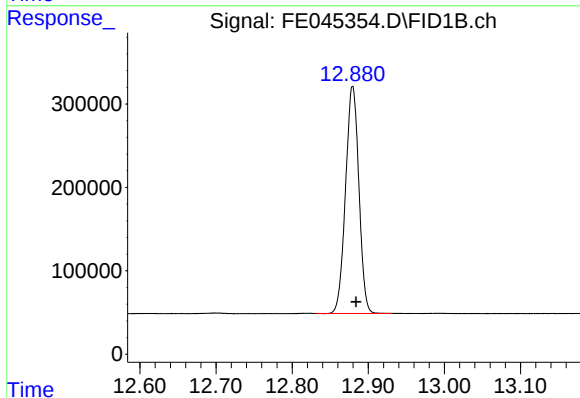
R.T.: 11.568 min
Delta R.T.: -0.005 min
Response: 3502710
Conc: 20.93 ug/ml



#9 ortho-Terphenyl (SURR)

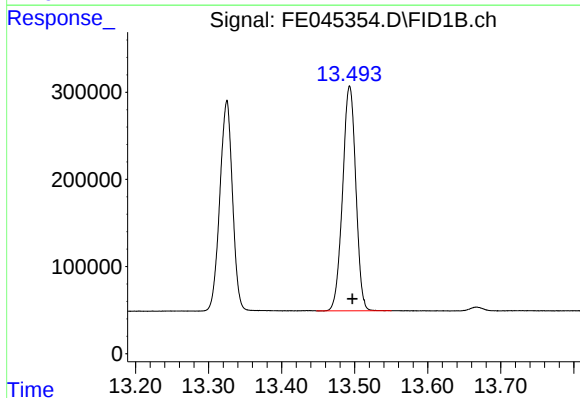
R.T.: 11.882 min
Delta R.T.: -0.005 min
Response: 4018560
Conc: 21.05 ug/ml

Instrument :
FID_E
ClientSampleId :



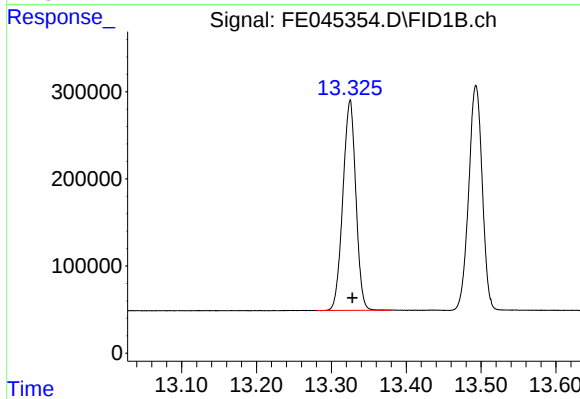
#10 n-Eicosane (C20)

R.T.: 12.879 min
Delta R.T.: -0.004 min
Response: 3316147
Conc: 20.93 ug/ml



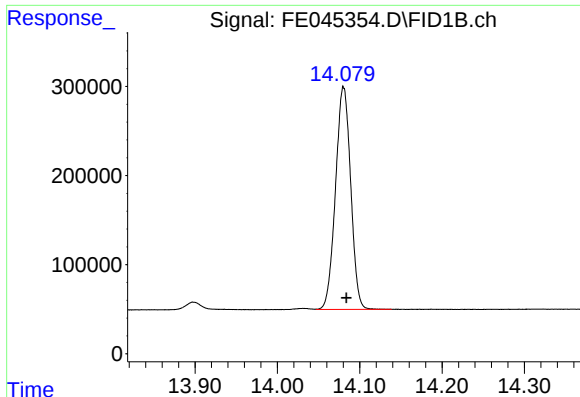
#11 n-Heneicosane (C21)

R.T.: 13.493 min
Delta R.T.: -0.004 min
Response: 3239151
Conc: 21.07 ug/ml



#12 1-chlorooctadecane (SURR)

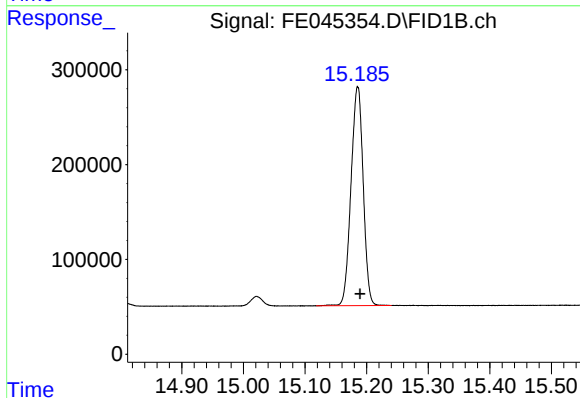
R.T.: 13.325 min
Delta R.T.: -0.003 min
Response: 2901613
Conc: 21.07 ug/ml



#13 n-Docosane (C22)

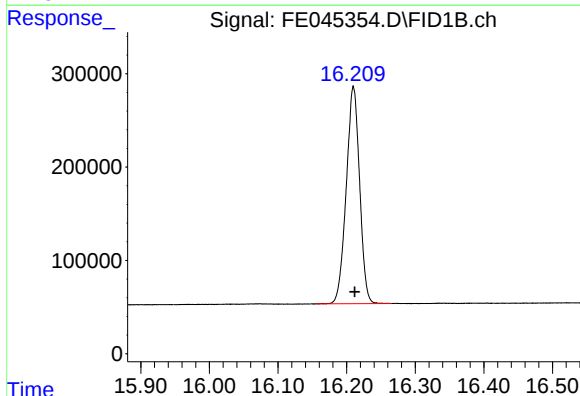
R.T.: 14.080 min
Delta R.T.: -0.004 min
Response: 3198230
Conc: 21.11 ug/ml

Instrument :
FID_E
ClientSampleId :



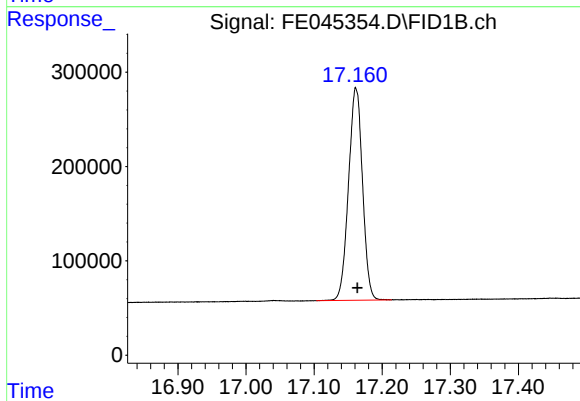
#14 n-Tetracosane (C24)

R.T.: 15.186 min
Delta R.T.: -0.004 min
Response: 3170957
Conc: 21.41 ug/ml



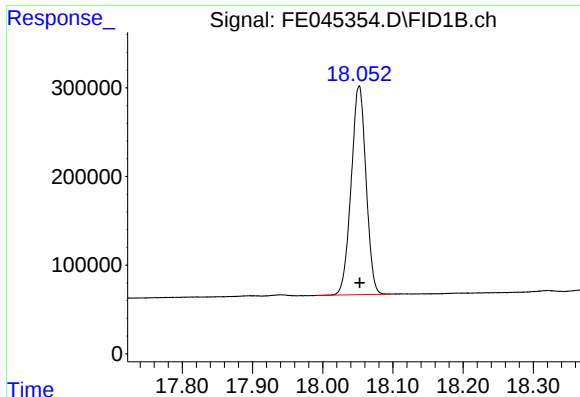
#15 n-Hexacosane (C26)

R.T.: 16.210 min
Delta R.T.: -0.002 min
Response: 3147153
Conc: 21.59 ug/ml



#16 n-Octacosane (C28)

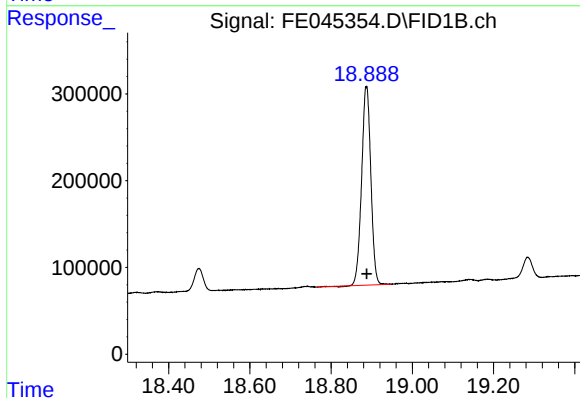
R.T.: 17.161 min
Delta R.T.: -0.002 min
Response: 3211546
Conc: 21.98 ug/ml



#17 n-Tricontane (C30)

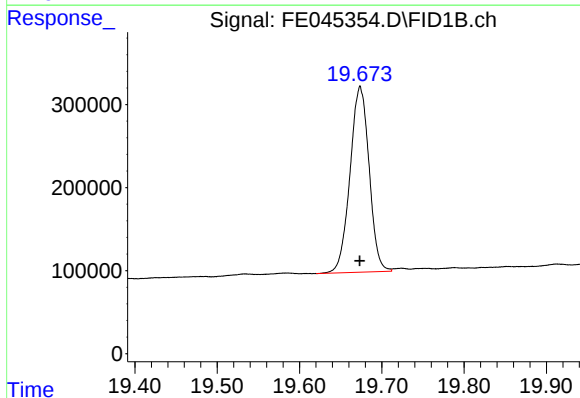
R.T.: 18.052 min
Delta R.T.: 0.000 min
Response: 3458357
Conc: 22.77 ug/ml

Instrument :
FID_E
ClientSampleId :



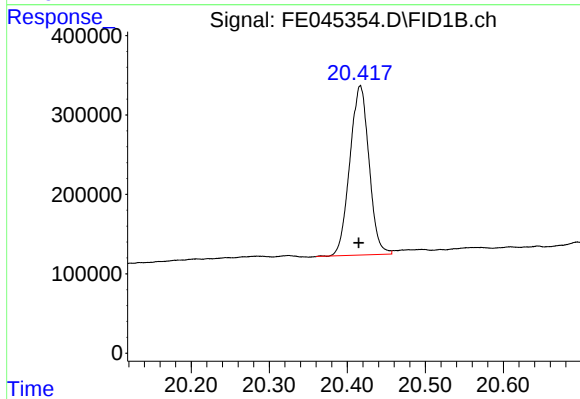
#18 n-Dotriacontane (C32)

R.T.: 18.887 min
Delta R.T.: 0.000 min
Response: 3615553
Conc: 23.14 ug/ml



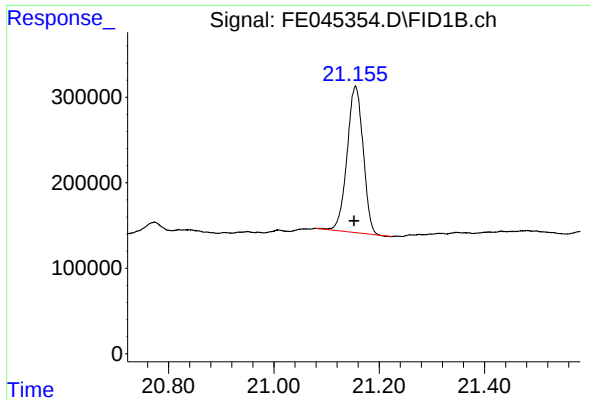
#19 n-Tetratriacontane (C34)

R.T.: 19.674 min
Delta R.T.: 0.000 min
Response: 3609177
Conc: 23.12 ug/ml



#20 n-Hexatriacontane (C36)

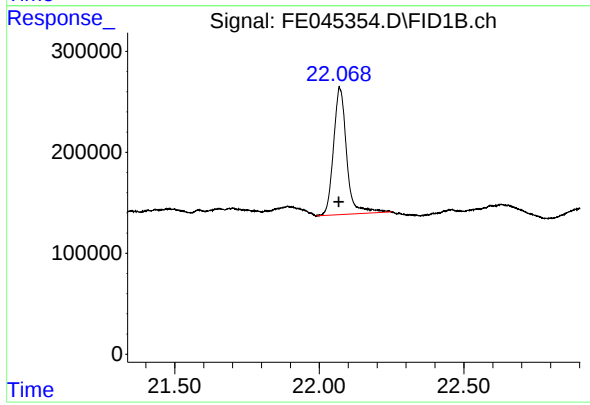
R.T.: 20.417 min
Delta R.T.: 0.002 min
Response: 3638646
Conc: 22.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.155 min
Delta R.T.: 0.003 min
Response: 3624406
Conc: 21.82 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.070 min
Delta R.T.: 0.003 min
Response: 3978336
Conc: 23.29 ug/ml