

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071724AL\
 Data File : FE049171.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2024 12:53
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jul 17 13:18:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 13:18:30 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)	11.913	3130401	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.348	2366390	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.301	3059687	20.000 ug/ml
2) T n-Decane (C10)	4.551	3114698	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.257	3156152	20.000 ug/ml
4) T n-Dodecane (C12)	6.717	3088476	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.353	2963137	20.000 ug/ml
6) T n-Tetradecane (C14)	8.544	3041955	20.000 ug/ml
7) T n-Hexadecane (C16)	10.152	3068591	20.000 ug/ml
8) T n-Octadecane (C18)	11.595	3064050	20.000 ug/ml
10) T n-Eicosane (C20)	12.904	2913922	20.000 ug/ml
11) T n-Heneicosane (C21)	13.515	2858410	20.000 ug/ml
13) T n-Docosane (C22)	14.101	2835757	20.000 ug/ml
14) T n-Tetracosane (C24)	15.204	2820157	20.000 ug/ml
15) T n-Hexacosane (C26)	16.223	2825697	20.000 ug/ml
16) T n-Octacosane (C28)	17.171	2822429	20.000 ug/ml
17) T n-Tricontane (C30)	18.059	2957180	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.890	2976799	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.673	2956434	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.412	2958319	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.146	2994054	20.000 ug/ml
22) T n-Tetracontane (C40)	22.052	3010921	20.000 ug/ml

(f)=RT Delta > 1/2 Window

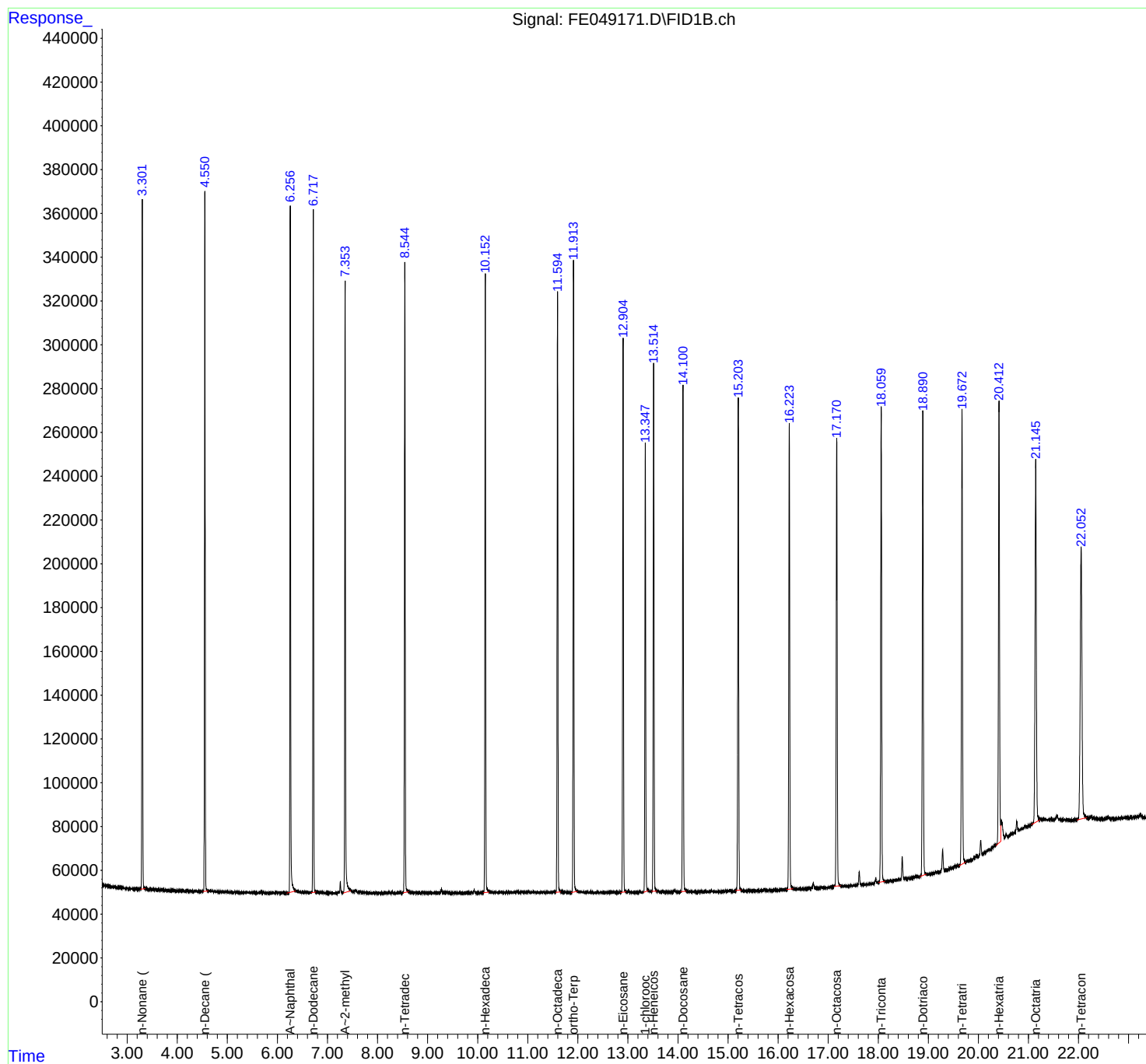
(m)=manual int.

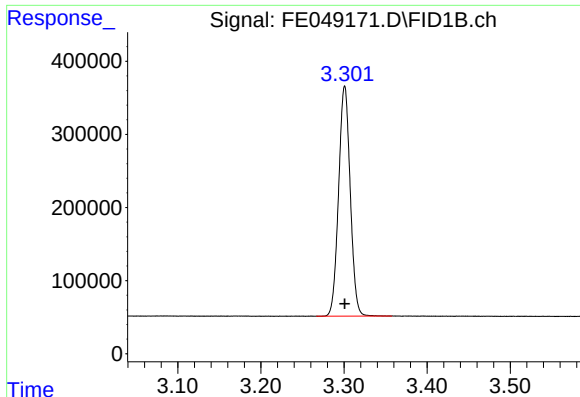
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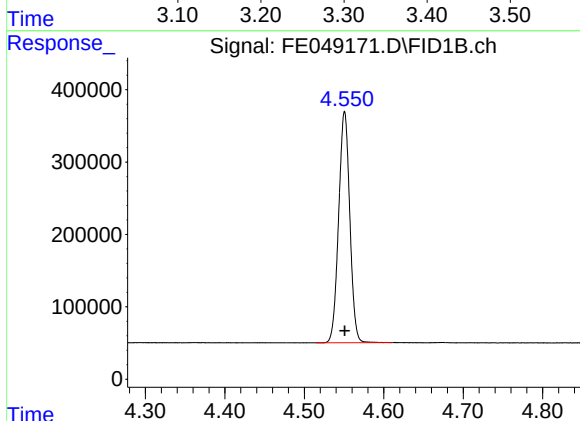




#1 n-Nonane (C9)

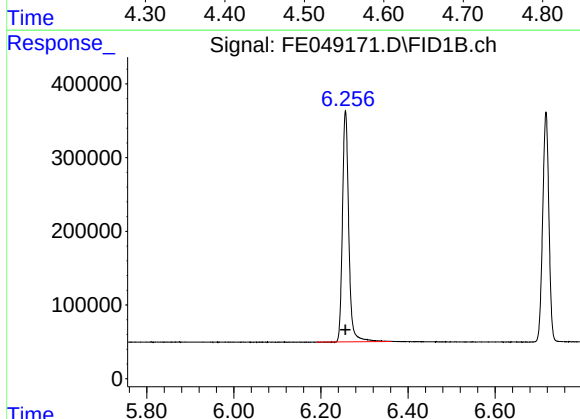
R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 3059687
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



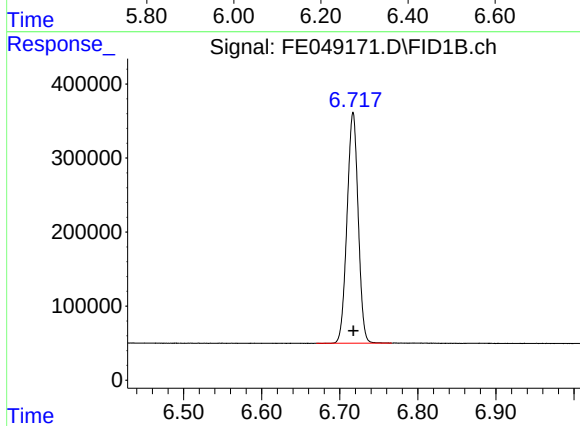
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 3114698
Conc: 20.00 ug/ml



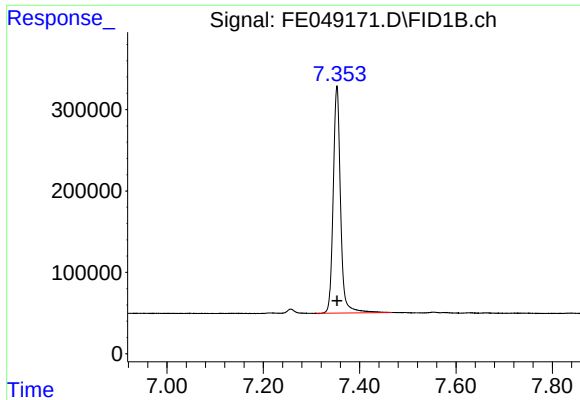
#3 A~Naphthalene (C11.7)

R.T.: 6.257 min
Delta R.T.: 0.000 min
Response: 3156152
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

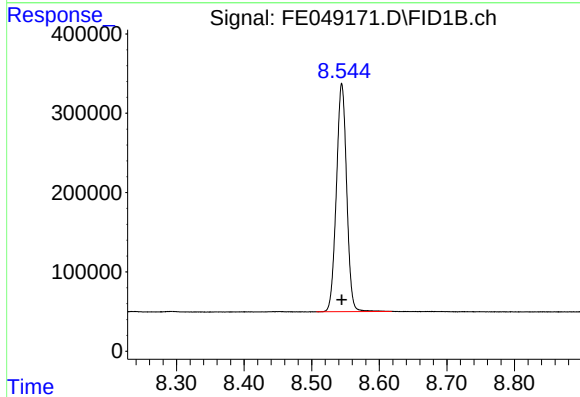
R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 3088476
Conc: 20.00 ug/ml



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

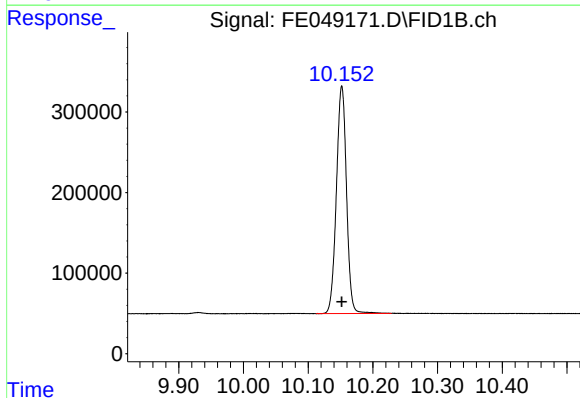
R.T.: 7.353 min
Delta R.T.: 0.000 min
Response: 2963137
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



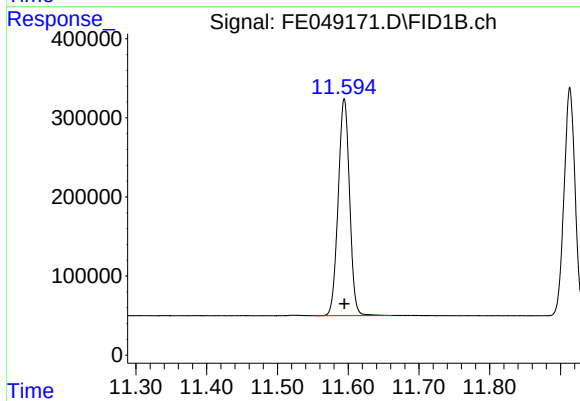
#6 n-Tetradecane (C14)

R.T.: 8.544 min
Delta R.T.: 0.000 min
Response: 3041955
Conc: 20.00 ug/ml



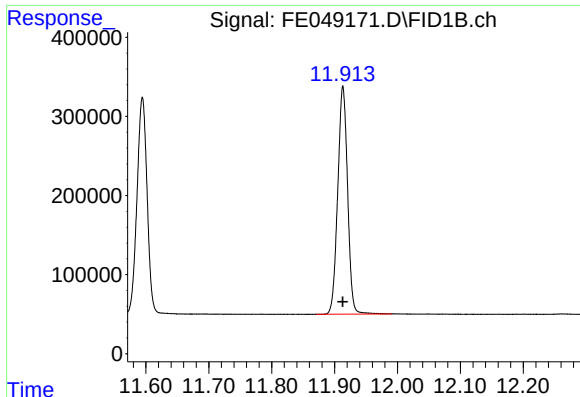
#7 n-Hexadecane (C16)

R.T.: 10.152 min
Delta R.T.: 0.000 min
Response: 3068591
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

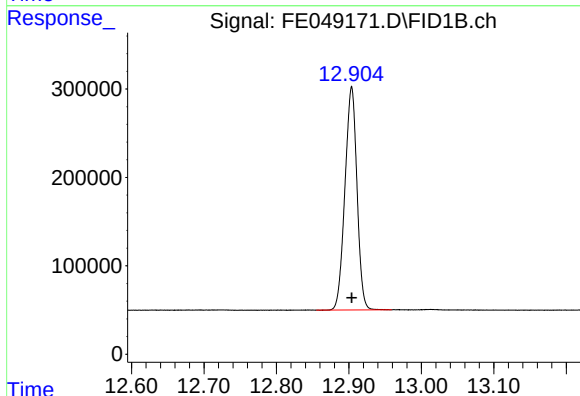
R.T.: 11.595 min
Delta R.T.: 0.000 min
Response: 3064050
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

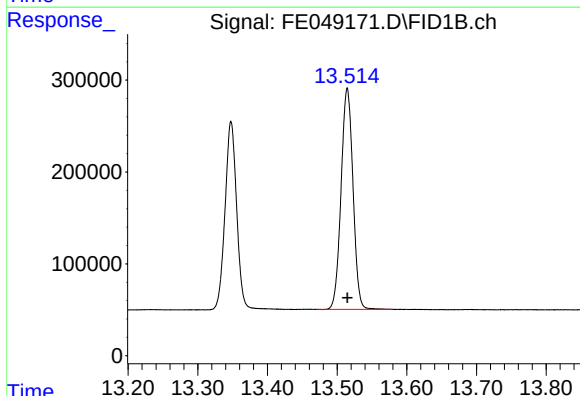
R.T.: 11.913 min
Delta R.T.: 0.000 min
Response: 3130401
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



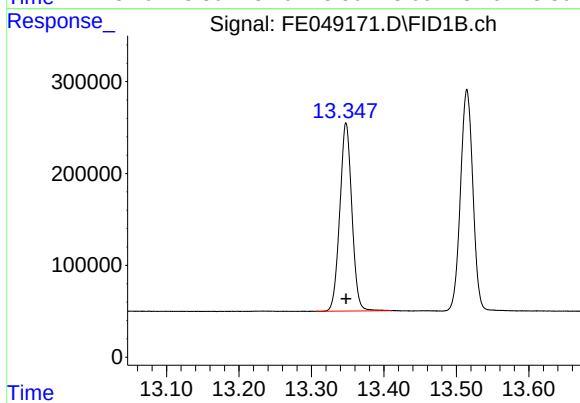
#10 n-Eicosane (C20)

R.T.: 12.904 min
Delta R.T.: 0.000 min
Response: 2913922
Conc: 20.00 ug/ml



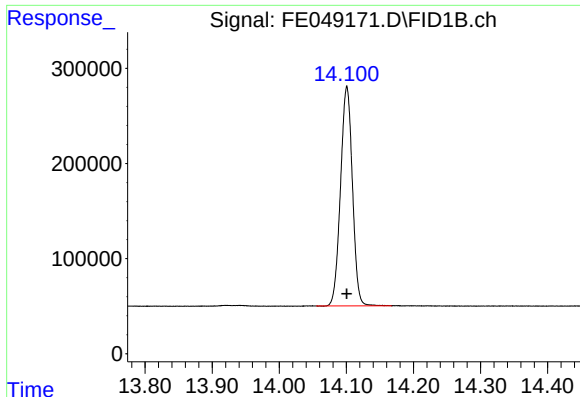
#11 n-Heneicosane (C21)

R.T.: 13.515 min
Delta R.T.: 0.000 min
Response: 2858410
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

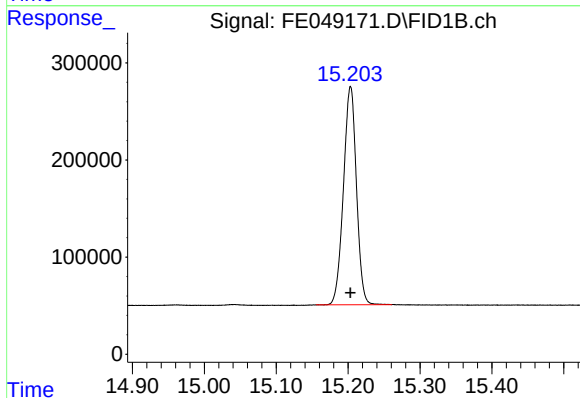
R.T.: 13.348 min
Delta R.T.: 0.000 min
Response: 2366390
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

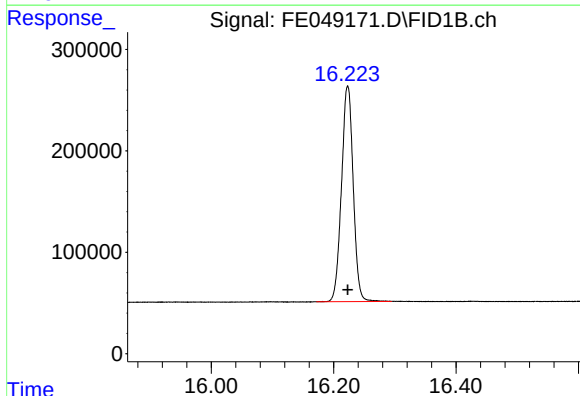
R.T.: 14.101 min
Delta R.T.: 0.000 min
Response: 2835757
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



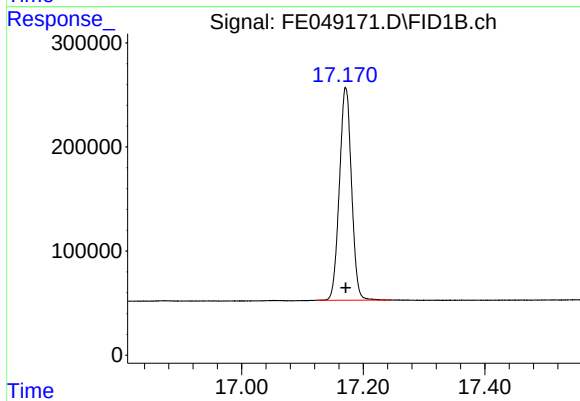
#14 n-Tetracosane (C24)

R.T.: 15.204 min
Delta R.T.: 0.000 min
Response: 2820157
Conc: 20.00 ug/ml



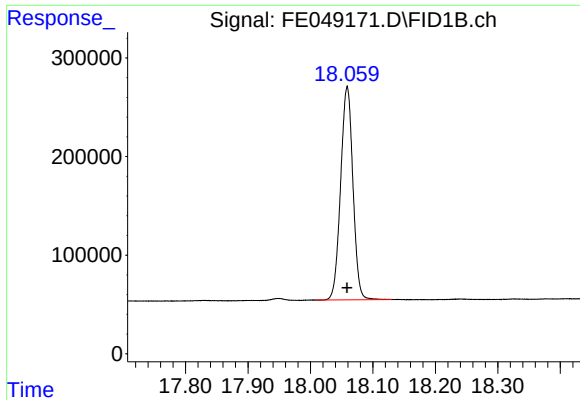
#15 n-Hexacosane (C26)

R.T.: 16.223 min
Delta R.T.: 0.000 min
Response: 2825697
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

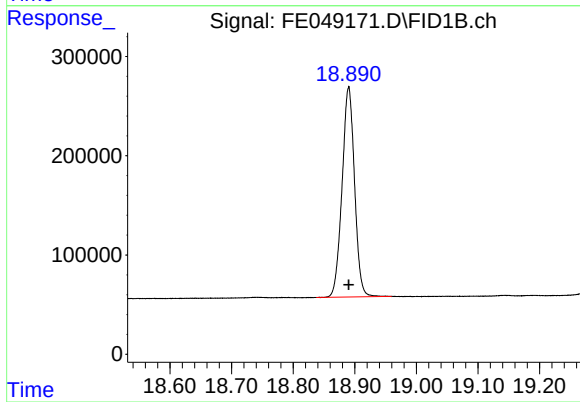
R.T.: 17.171 min
Delta R.T.: 0.000 min
Response: 2822429
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

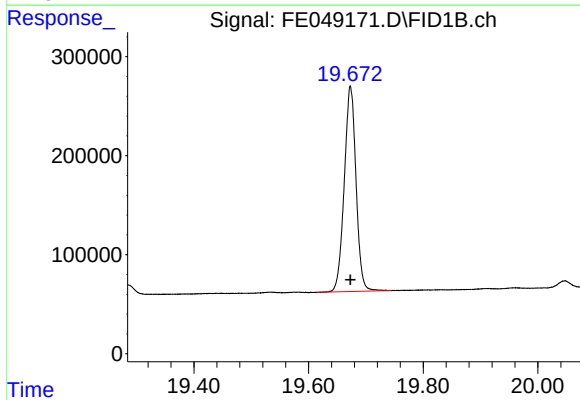
R.T.: 18.059 min
Delta R.T.: 0.000 min
Response: 2957180
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



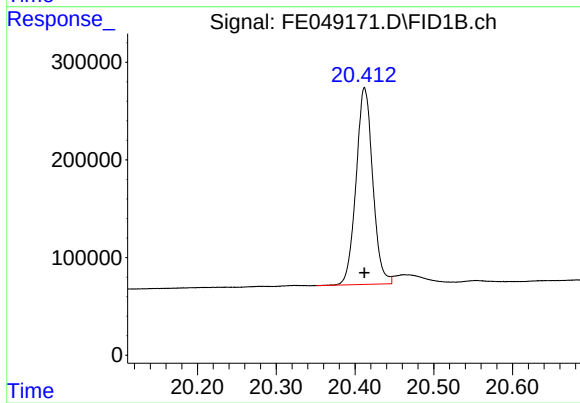
#18 n-Dotriacontane (C32)

R.T.: 18.890 min
Delta R.T.: 0.000 min
Response: 2976799
Conc: 20.00 ug/ml



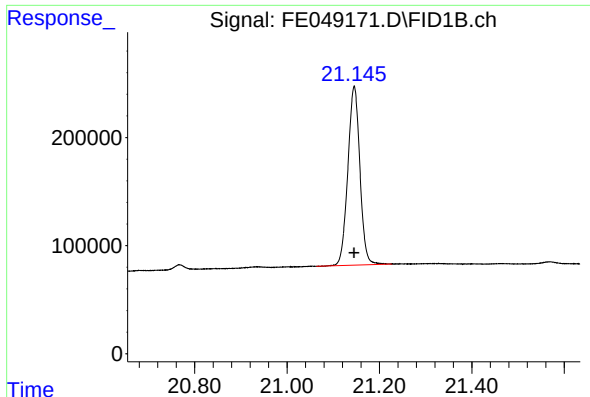
#19 n-Tetratriacontane (C34)

R.T.: 19.673 min
Delta R.T.: 0.000 min
Response: 2956434
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

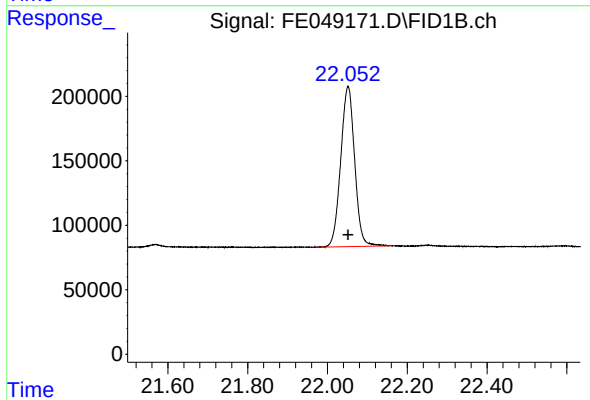
R.T.: 20.412 min
Delta R.T.: 0.000 min
Response: 2958319
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.146 min
Delta R.T.: 0.000 min
Response: 2994054
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.052 min
Delta R.T.: 0.000 min
Response: 3010921
Conc: 20.00 ug/ml