

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081023AL\
 Data File : FE043846.D
 Signal(s) : FID1B.ch
 Acq On : 10 Aug 2023 12:15
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 10 23:35:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.940	4207452	20.417 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
12) S 1-chlorooctadecane (S...	13.379	3148614	20.177 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
Target Compounds			
1) T n-Nonane (C9)	3.327	3445319	21.335 ug/ml
2) T n-Decane (C10)	4.579	3568297	21.650 ug/ml
3) T A~Naphthalene (C11.7)	6.279	3925075	21.558 ug/ml
4) T n-Dodecane (C12)	6.743	3634103	21.714 ug/ml
5) T A~2-methylnaphthalene...	7.374	3827737	21.501 ug/ml
6) T n-Tetradecane (C14)	8.570	3648879	21.657 ug/ml
7) T n-Hexadecane (C16)	10.179	3771217	21.379 ug/ml
8) T n-Octadecane (C18)	11.624	3807148	21.017 ug/ml
10) T n-Eicosane (C20)	12.934	3645591	20.600 ug/ml
11) T n-Heneicosane (C21)	13.547	3568503	20.154 ug/ml
13) T n-Docosane (C22)	14.134	3528260	20.115 ug/ml
14) T n-Tetracosane (C24)	15.237	3470618	19.753 ug/ml
15) T n-Hexacosane (C26)	16.260	3355010	19.412 ug/ml
16) T n-Octacosane (C28)	17.211	3210588	19.188 ug/ml
17) T n-Tricontane (C30)	18.099	3205919	19.356 ug/ml
18) T n-Dotriacontane (C32)	18.935	3102880	19.652 ug/ml
19) T n-Tetratriacontane (C34)	19.718	2946754	19.830 ug/ml
20) T n-Hexatriacontane (C36)	20.461	2819226	20.169 ug/ml
21) T n-Octatriacontane (C38)	21.205	2812928	21.086 ug/ml
22) T n-Tetracontane (C40)	22.129	2853570	22.116 ug/ml

(f)=RT Delta > 1/2 Window

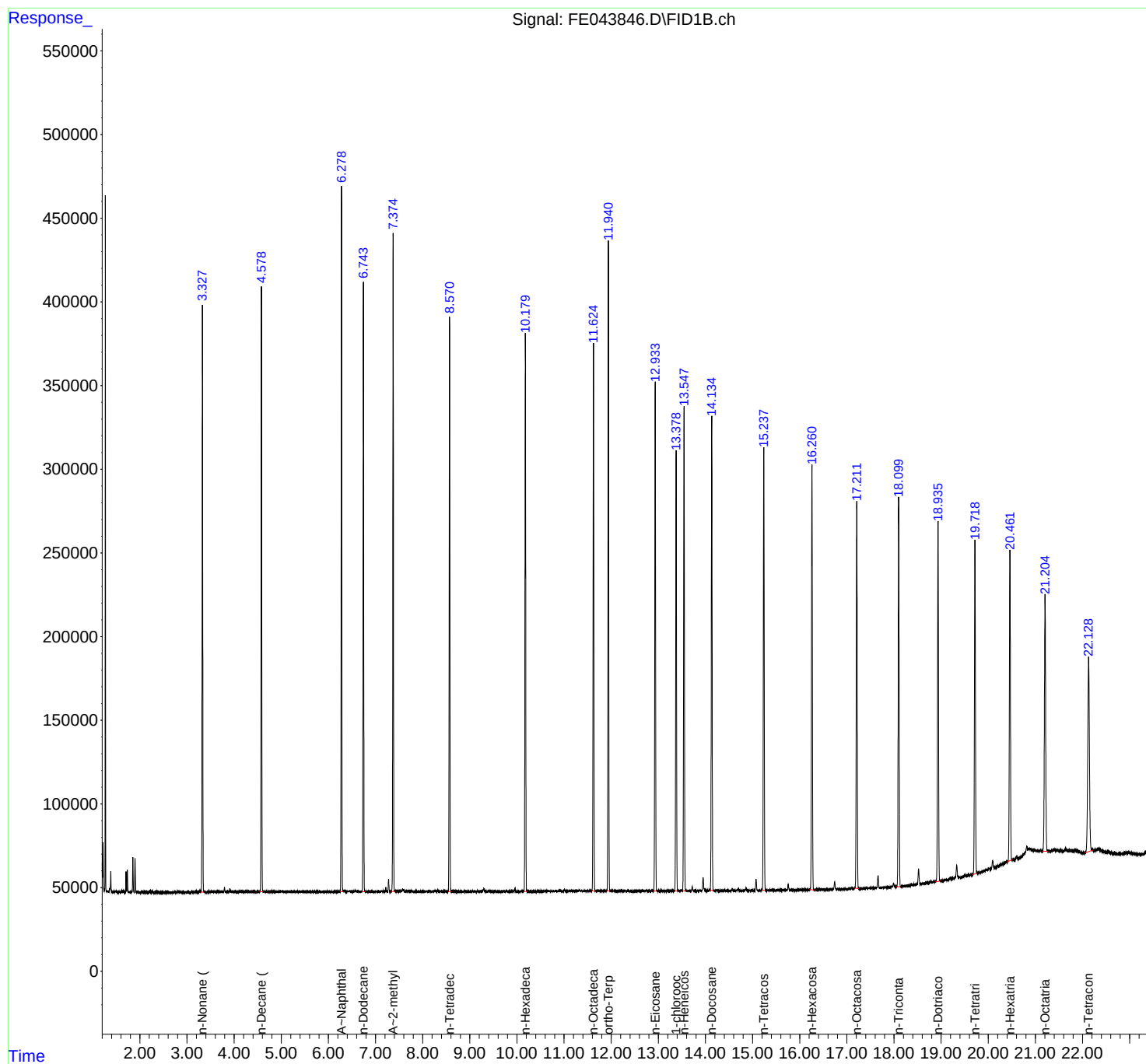
(m)=manual int.

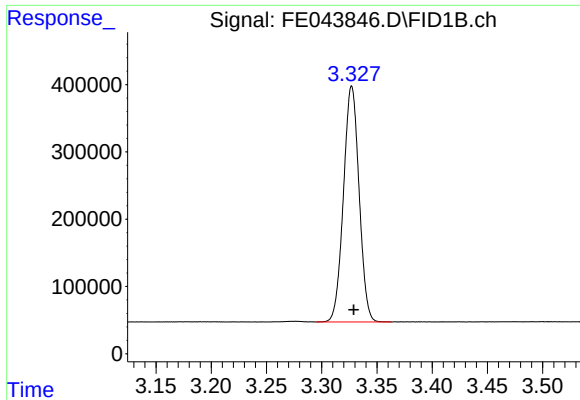
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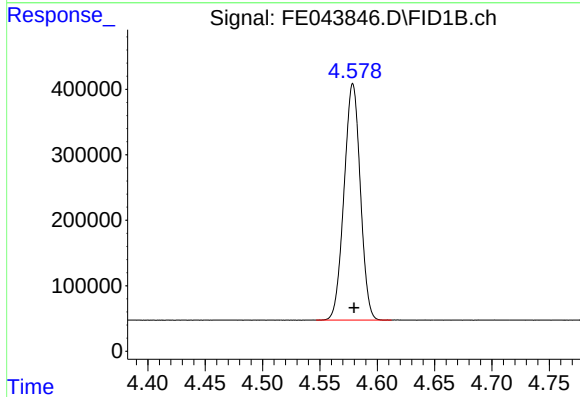




#1 n-Nonane (C9)

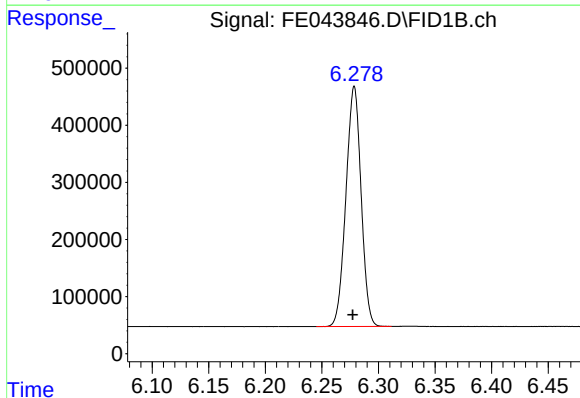
R.T.: 3.327 min
Delta R.T.: -0.002 min
Response: 3445319
Conc: 21.34 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



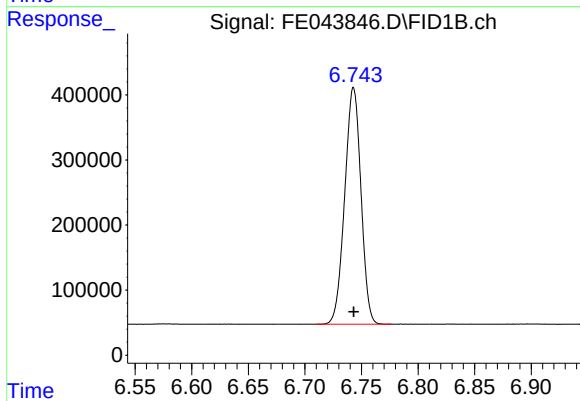
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.001 min
Response: 3568297
Conc: 21.65 ug/ml



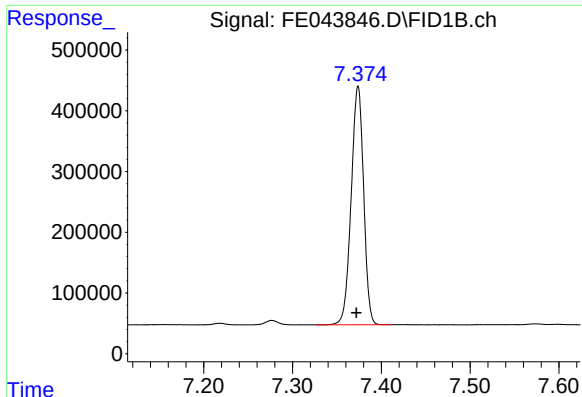
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.001 min
Response: 3925075
Conc: 21.56 ug/ml



#4 n-Dodecane (C12)

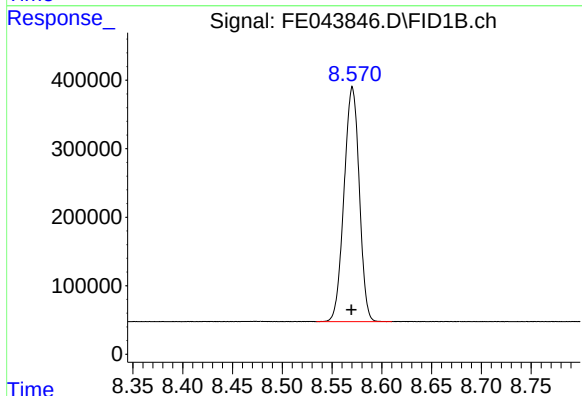
R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 3634103
Conc: 21.71 ug/ml



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

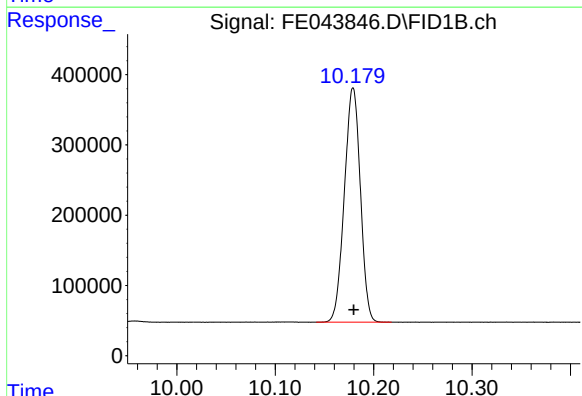
R.T.: 7.374 min
Delta R.T.: 0.002 min
Response: 3827737
Conc: 21.50 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



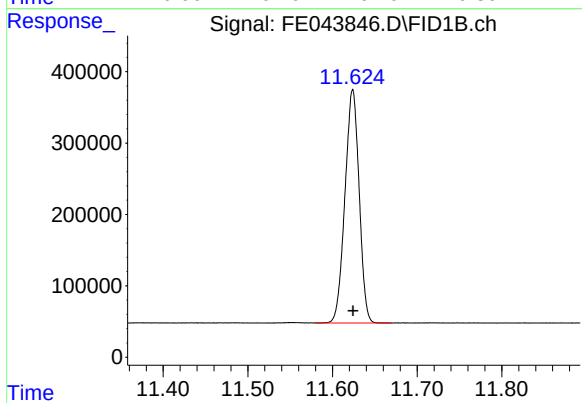
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 3648879
Conc: 21.66 ug/ml



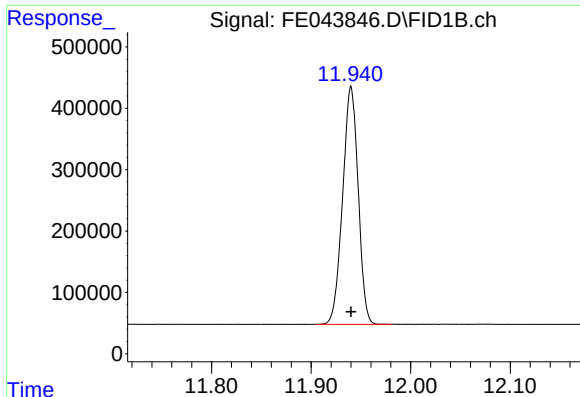
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: 0.000 min
Response: 3771217
Conc: 21.38 ug/ml



#8 n-Octadecane (C18)

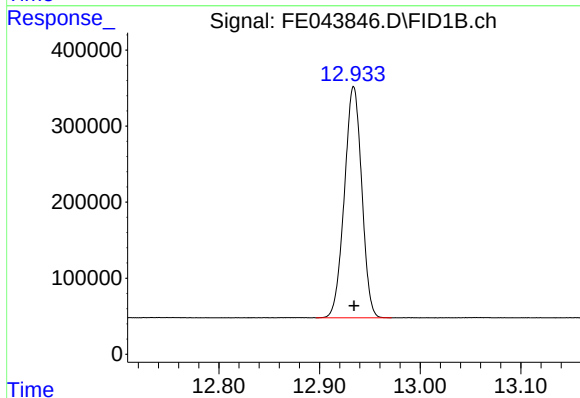
R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 3807148
Conc: 21.02 ug/ml



#9 ortho-Terphenyl (SURR)

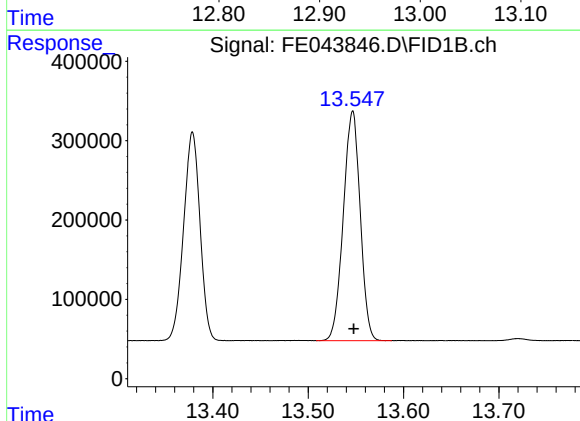
R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 4207452
Conc: 20.42 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



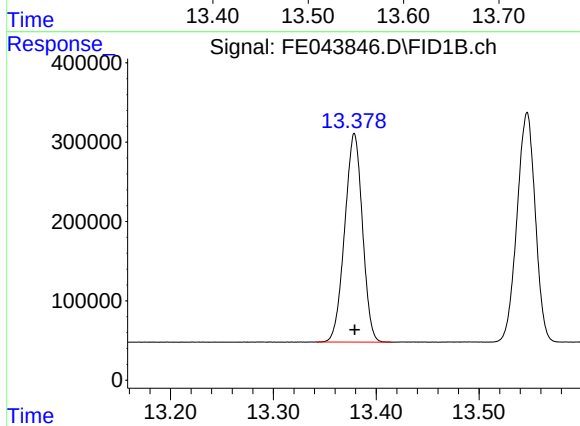
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: 0.000 min
Response: 3645591
Conc: 20.60 ug/ml



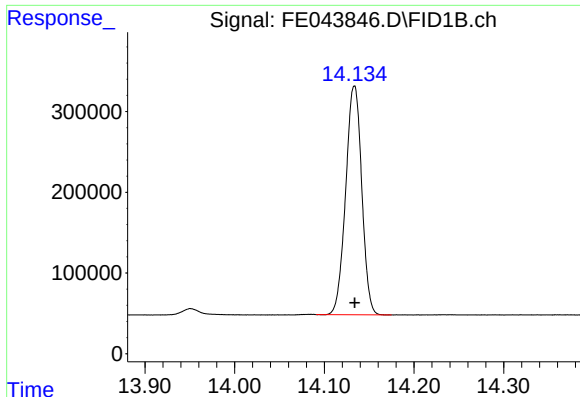
#11 n-Heneicosane (C21)

R.T.: 13.547 min
Delta R.T.: -0.001 min
Response: 3568503
Conc: 20.15 ug/ml



#12 1-chlorooctadecane (SURR)

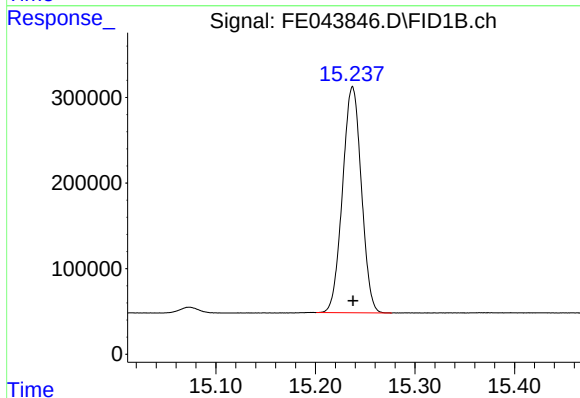
R.T.: 13.379 min
Delta R.T.: 0.000 min
Response: 3148614
Conc: 20.18 ug/ml



#13 n-Docosane (C22)

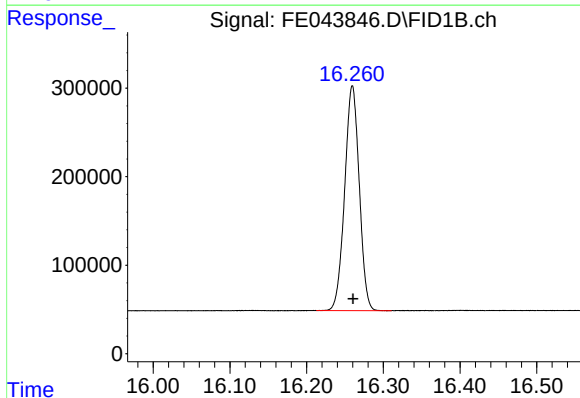
R.T.: 14.134 min
Delta R.T.: 0.000 min
Response: 3528260
Conc: 20.12 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



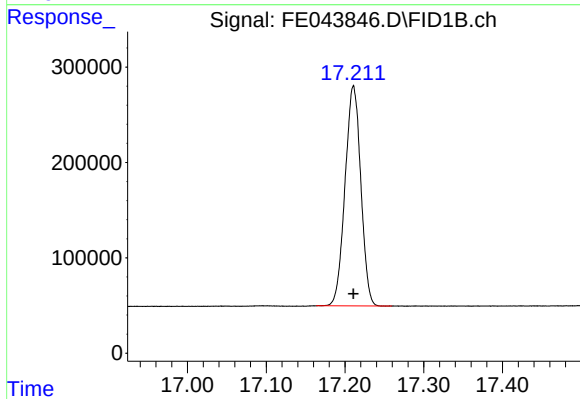
#14 n-Tetracosane (C24)

R.T.: 15.237 min
Delta R.T.: 0.000 min
Response: 3470618
Conc: 19.75 ug/ml



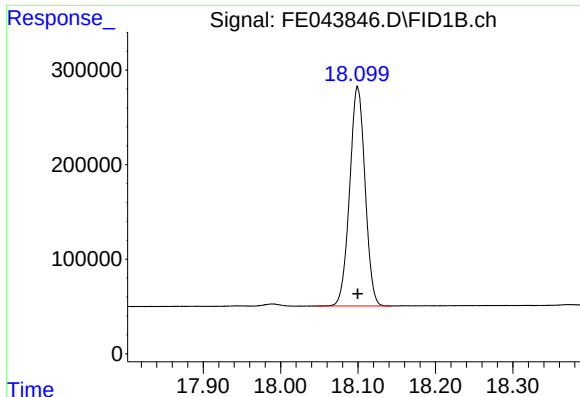
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: 0.000 min
Response: 3355010
Conc: 19.41 ug/ml



#16 n-Octacosane (C28)

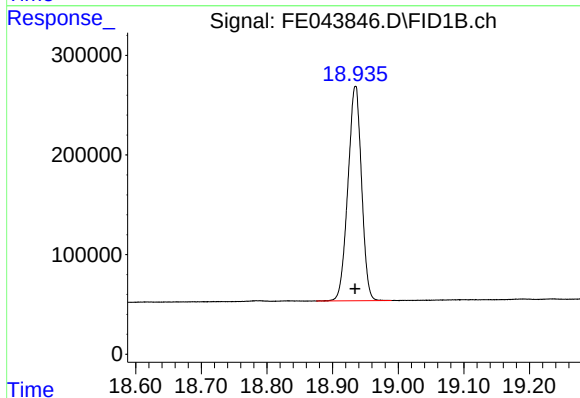
R.T.: 17.211 min
Delta R.T.: 0.000 min
Response: 3210588
Conc: 19.19 ug/ml



#17 n-Tricontane (C30)

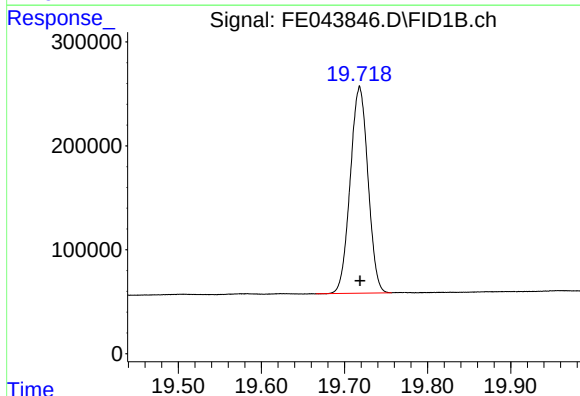
R.T.: 18.099 min
Delta R.T.: 0.000 min
Response: 3205919
Conc: 19.36 ug/ml

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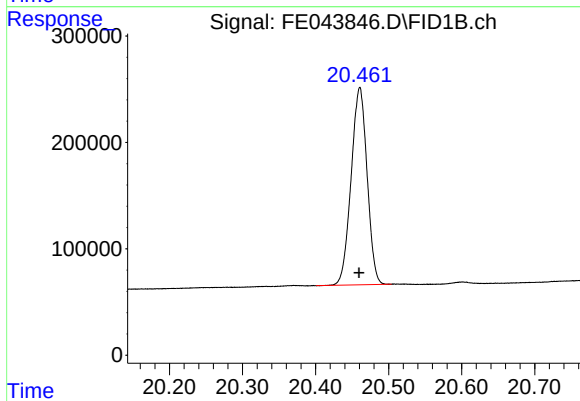
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: 0.000 min
Response: 3102880
Conc: 19.65 ug/ml



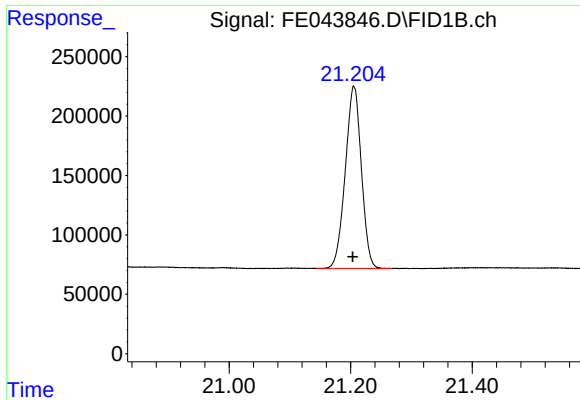
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: 0.000 min
Response: 2946754
Conc: 19.83 ug/ml



#20 n-Hexatriacontane (C36)

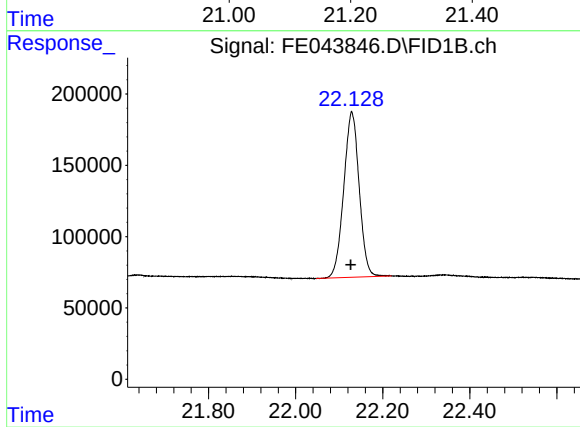
R.T.: 20.461 min
Delta R.T.: 0.000 min
Response: 2819226
Conc: 20.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.205 min
Delta R.T.: 0.002 min
Response: 2812928
Conc: 21.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: 0.002 min
Response: 2853570
Conc: 22.12 ug/ml