

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062923AL\
 Data File : FE043007.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jun 2023 20:24
 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: Jun 30 01:22:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.909	3595421	19.572 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
12) S 1-chlorooctadecane (S...	13.346	2662178	19.562 ug/ml
Spiked Amount 50.000		Recovery =	39.12%
Target Compounds			
1) T n-Nonane (C9)	3.288	3047253	19.727 ug/ml
2) T n-Decane (C10)	4.541	3125449	19.787 ug/ml
3) T A~Naphthalene (C11.7)	6.250	3366071	19.880 ug/ml
4) T n-Dodecane (C12)	6.711	3166961	19.785 ug/ml
5) T A~2-methylnaphthalene...	7.348	3215655	19.833 ug/ml
6) T n-Tetradecane (C14)	8.540	3164243	19.882 ug/ml
7) T n-Hexadecane (C16)	10.148	3273000	19.873 ug/ml
8) T n-Octadecane (C18)	11.591	3293939	19.817 ug/ml
10) T n-Eicosane (C20)	12.900	3128418	19.715 ug/ml
11) T n-Heneicosane (C21)	13.512	3045275	19.683 ug/ml
13) T n-Docosane (C22)	14.099	2991591	19.639 ug/ml
14) T n-Tetracosane (C24)	15.202	2919298	19.675 ug/ml
15) T n-Hexacosane (C26)	16.224	2827782	19.780 ug/ml
16) T n-Octacosane (C28)	17.173	2804827	20.223 ug/ml
17) T n-Tricontane (C30)	18.060	2972959	21.021 ug/ml
18) T n-Dotriacontane (C32)	18.892	3003759	21.416 ug/ml
19) T n-Tetratriacontane (C34)	19.677	2913163	21.288 ug/ml
20) T n-Hexatriacontane (C36)	20.417	2805634	20.979 ug/ml
21) T n-Octatriacontane (C38)	21.156	2872049	21.065 ug/ml
22) T n-Tetracontane (C40)	22.070	2986614	21.467 ug/ml

(f)=RT Delta > 1/2 Window

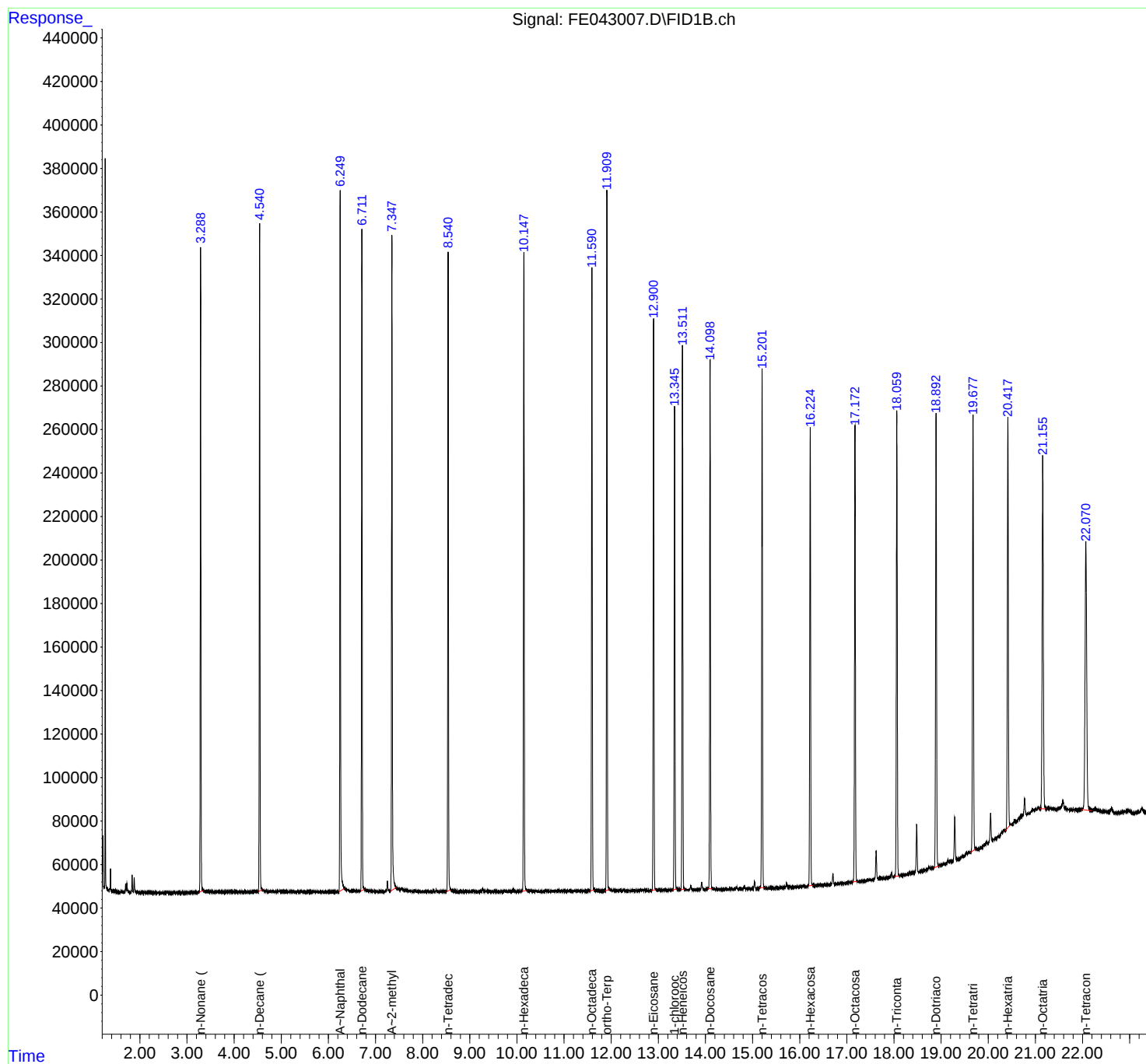
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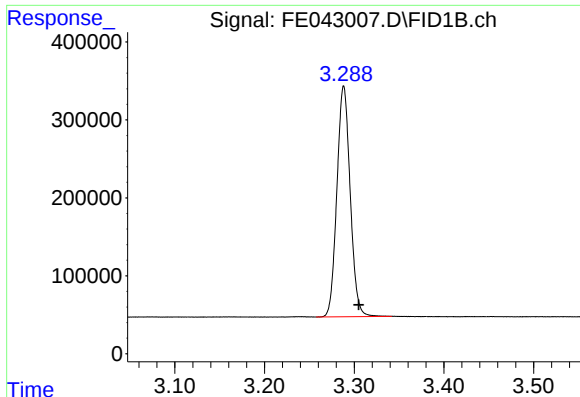
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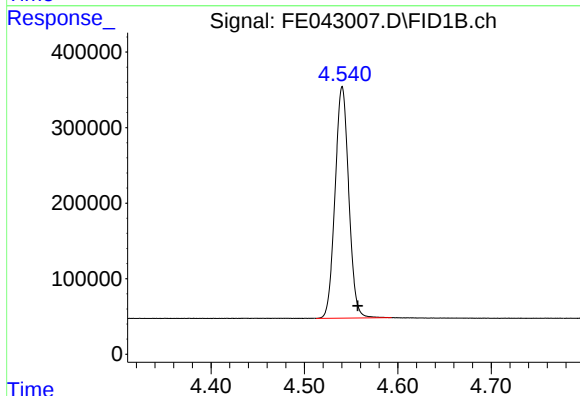




#1 n-Nonane (C9)

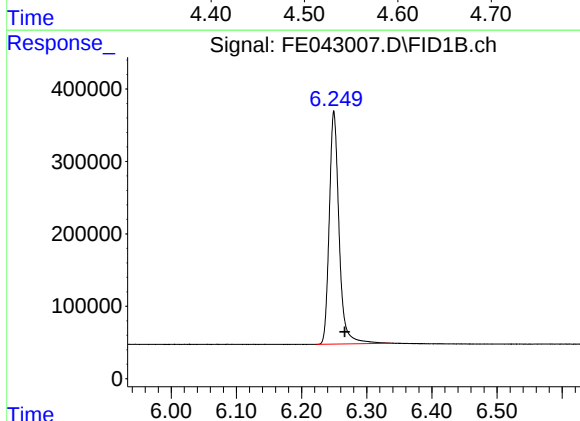
R.T.: 3.288 min
Delta R.T.: -0.017 min
Response: 3047253
Conc: 19.73 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



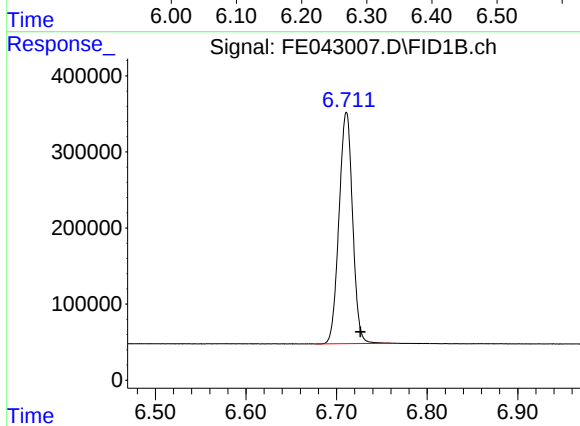
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: -0.017 min
Response: 3125449
Conc: 19.79 ug/ml



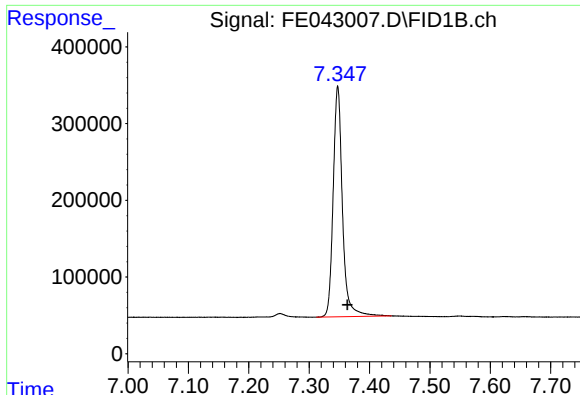
#3 A~Naphthalene (C11.7)

R.T.: 6.250 min
Delta R.T.: -0.017 min
Response: 3366071
Conc: 19.88 ug/ml



#4 n-Dodecane (C12)

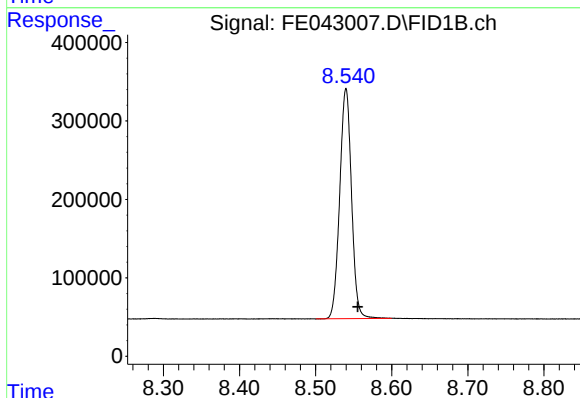
R.T.: 6.711 min
Delta R.T.: -0.015 min
Response: 3166961
Conc: 19.79 ug/ml



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

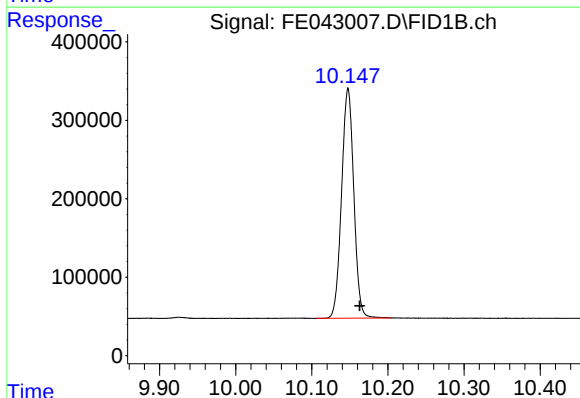
R.T.: 7.348 min
Delta R.T.: -0.016 min
Response: 3215655
Conc: 19.83 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



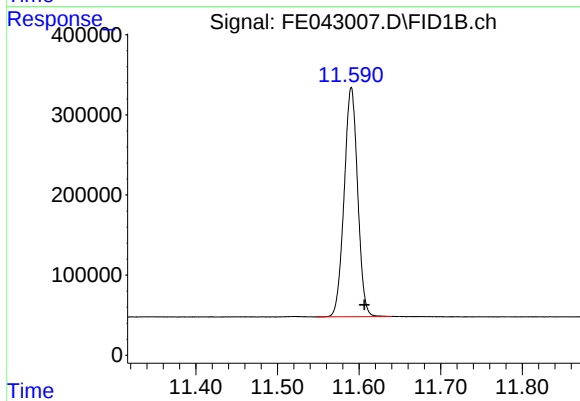
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: -0.016 min
Response: 3164243
Conc: 19.88 ug/ml



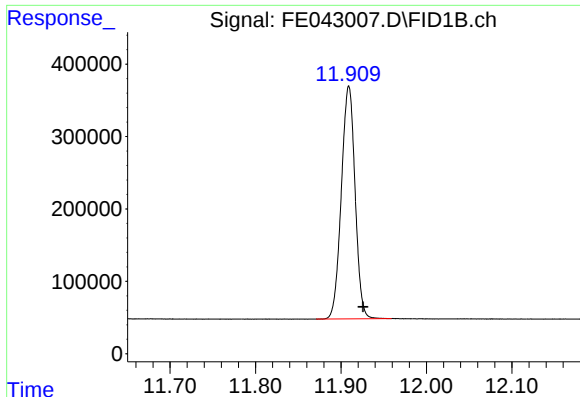
#7 n-Hexadecane (C16)

R.T.: 10.148 min
Delta R.T.: -0.015 min
Response: 3273000
Conc: 19.87 ug/ml



#8 n-Octadecane (C18)

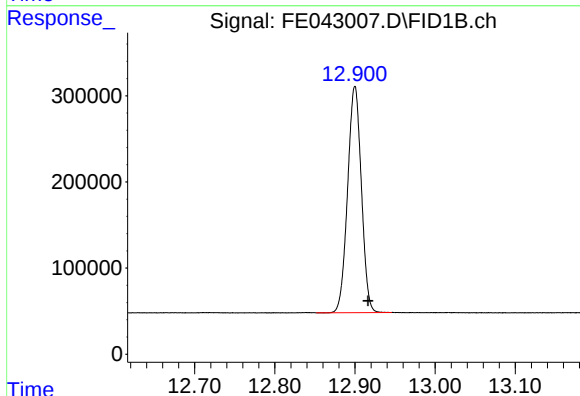
R.T.: 11.591 min
Delta R.T.: -0.016 min
Response: 3293939
Conc: 19.82 ug/ml



#9 ortho-Terphenyl (SURR)

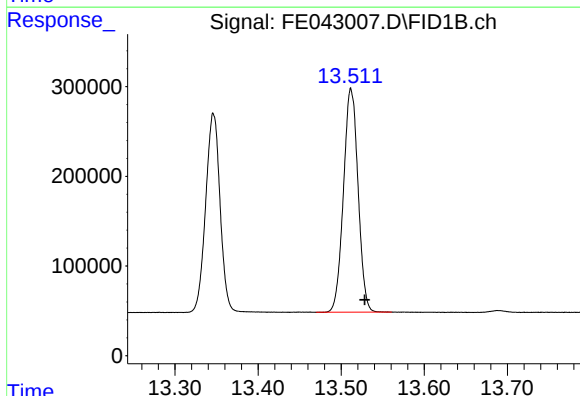
R.T.: 11.909 min
Delta R.T.: -0.017 min
Response: 3595421
Conc: 19.57 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



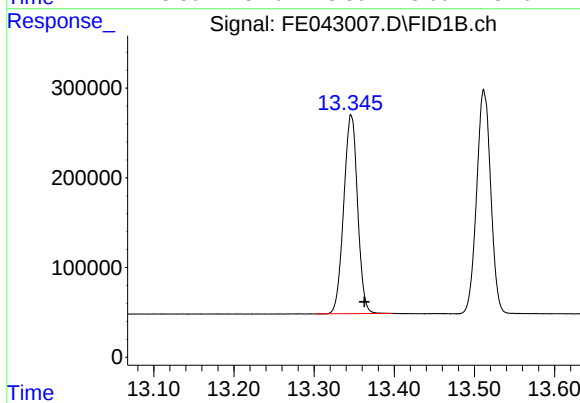
#10 n-Eicosane (C20)

R.T.: 12.900 min
Delta R.T.: -0.016 min
Response: 3128418
Conc: 19.72 ug/ml



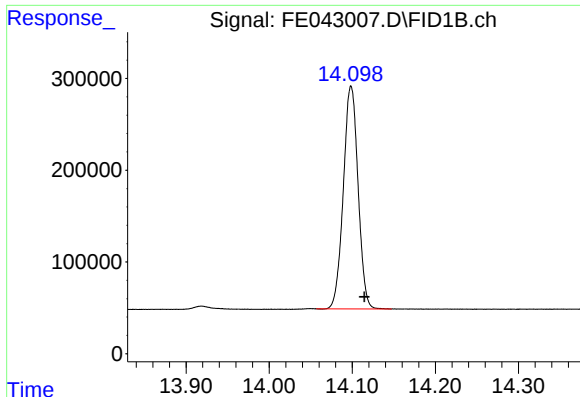
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: -0.017 min
Response: 3045275
Conc: 19.68 ug/ml



#12 1-chlorooctadecane (SURR)

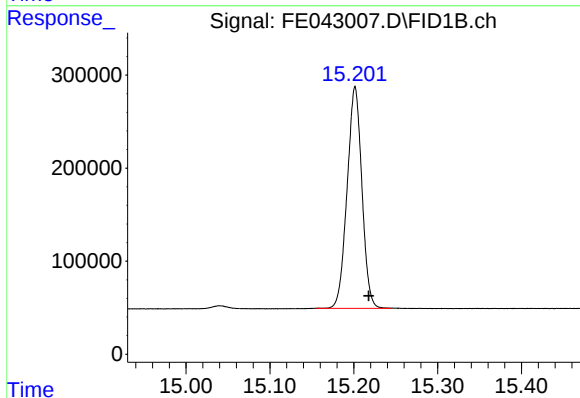
R.T.: 13.346 min
Delta R.T.: -0.016 min
Response: 2662178
Conc: 19.56 ug/ml



#13 n-Docosane (C22)

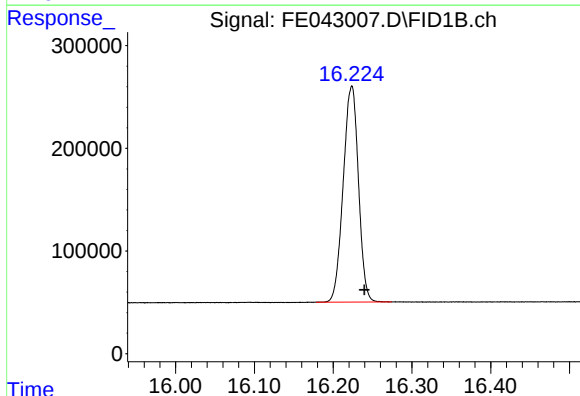
R.T.: 14.099 min
Delta R.T.: -0.016 min
Response: 2991591
Conc: 19.64 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



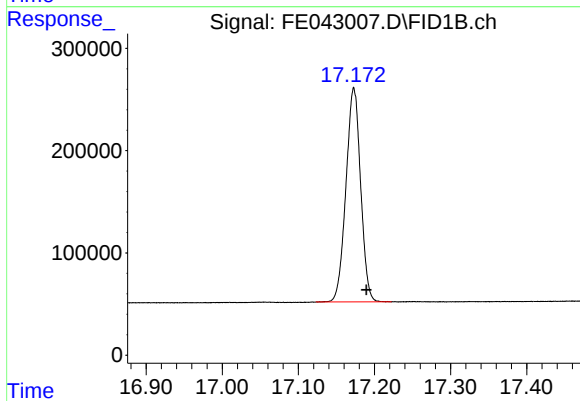
#14 n-Tetracosane (C24)

R.T.: 15.202 min
Delta R.T.: -0.016 min
Response: 2919298
Conc: 19.68 ug/ml



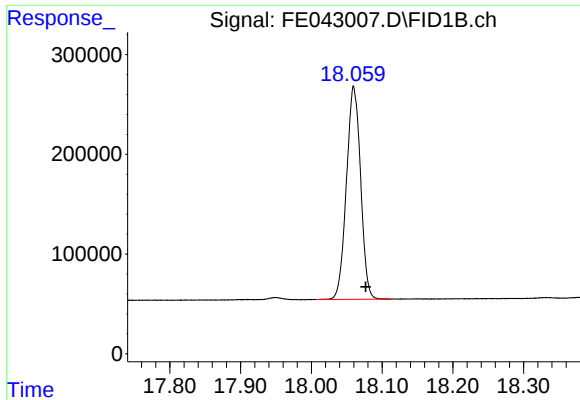
#15 n-Hexacosane (C26)

R.T.: 16.224 min
Delta R.T.: -0.016 min
Response: 2827782
Conc: 19.78 ug/ml



#16 n-Octacosane (C28)

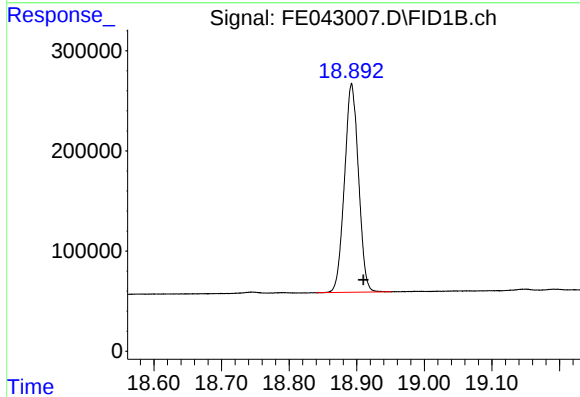
R.T.: 17.173 min
Delta R.T.: -0.017 min
Response: 2804827
Conc: 20.22 ug/ml



#17 n-Tricontane (C30)

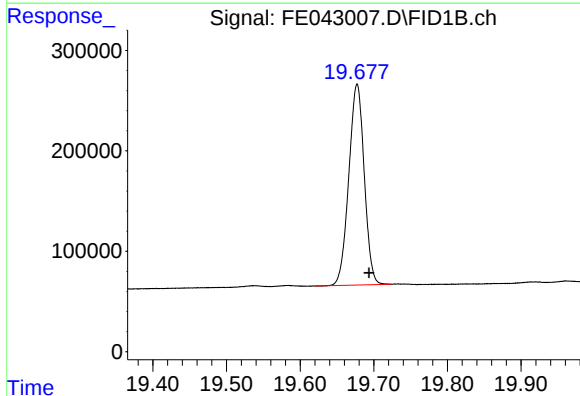
R.T.: 18.060 min
Delta R.T.: -0.017 min
Response: 2972959
Conc: 21.02 ug/ml

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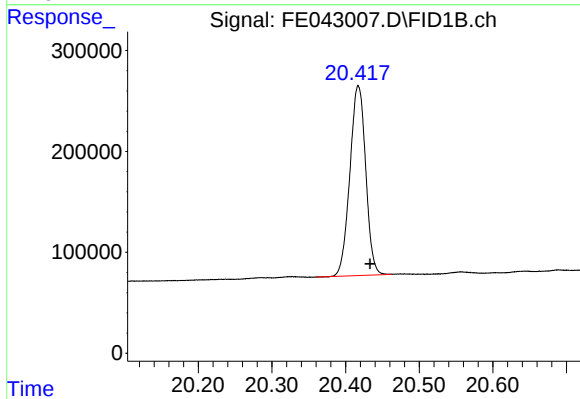
#18 n-Dotriacontane (C32)

R.T.: 18.892 min
Delta R.T.: -0.018 min
Response: 3003759
Conc: 21.42 ug/ml



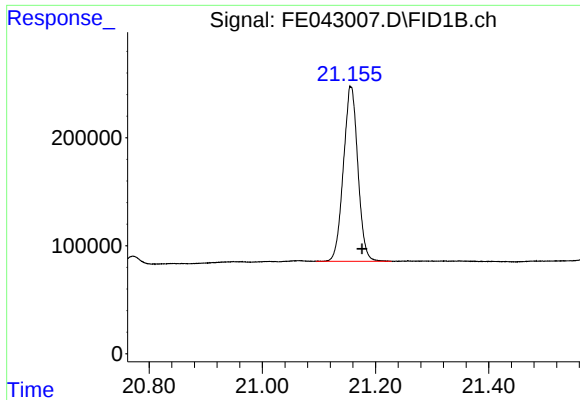
#19 n-Tetratriacontane (C34)

R.T.: 19.677 min
Delta R.T.: -0.016 min
Response: 2913163
Conc: 21.29 ug/ml



#20 n-Hexatriacontane (C36)

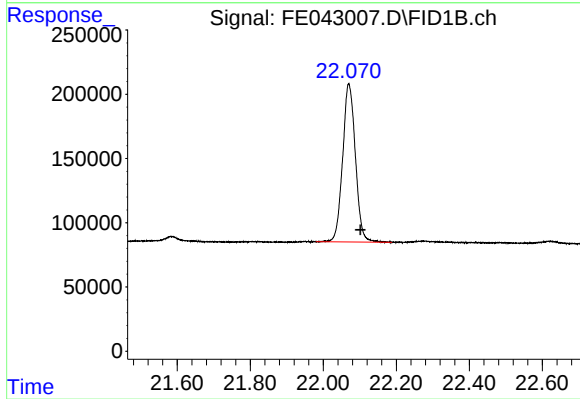
R.T.: 20.417 min
Delta R.T.: -0.016 min
Response: 2805634
Conc: 20.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.156 min
Delta R.T.: -0.020 min
Response: 2872049
Conc: 21.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.070 min
Delta R.T.: -0.032 min
Response: 2986614
Conc: 21.47 ug/ml