

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062724AL\
 Data File : FE048913.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jun 2024 12:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 28 01:26:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.937	3018522	18.052 ug/ml
Spiked Amount 50.000		Recovery =	36.10%
12) S 1-chlorooctadecane (S...	13.372	2266251	17.624 ug/ml
Spiked Amount 50.000		Recovery =	35.25%
Target Compounds			
1) T n-Nonane (C9)	3.323	2746891	18.271 ug/ml
2) T n-Decane (C10)	4.572	2912136	18.923 ug/ml
3) T A~Naphthalene (C11.7)	6.279	2954373	18.610 ug/ml
4) T n-Dodecane (C12)	6.737	2905746	18.823 ug/ml
5) T A~2-methylnaphthalene...	7.375	2836194	18.729 ug/ml
6) T n-Tetradecane (C14)	8.565	2856045	18.635 ug/ml
7) T n-Hexadecane (C16)	10.174	2923370	18.697 ug/ml
8) T n-Octadecane (C18)	11.617	2922479	18.324 ug/ml
10) T n-Eicosane (C20)	12.926	2786044	17.970 ug/ml
11) T n-Heneicosane (C21)	13.538	2713901	17.824 ug/ml
13) T n-Docosane (C22)	14.124	2706570	17.897 ug/ml
14) T n-Tetracosane (C24)	15.226	2682854	17.852 ug/ml
15) T n-Hexacosane (C26)	16.247	2664460	18.048 ug/ml
16) T n-Octacosane (C28)	17.197	2745575	19.038 ug/ml
17) T n-Tricontane (C30)	18.084	3027169	20.692 ug/ml
18) T n-Dotriacontane (C32)	18.916	3182065	22.255 ug/ml
19) T n-Tetratriacontane (C34)	19.699	2904301	20.989 ug/ml
20) T n-Hexatriacontane (C36)	20.438	2793077	21.491 ug/ml
21) T n-Octatriacontane (C38)	21.176	2647597	20.653 ug/ml
22) T n-Tetracontane (C40)	22.092	2536437	20.712 ug/ml

(f)=RT Delta > 1/2 Window

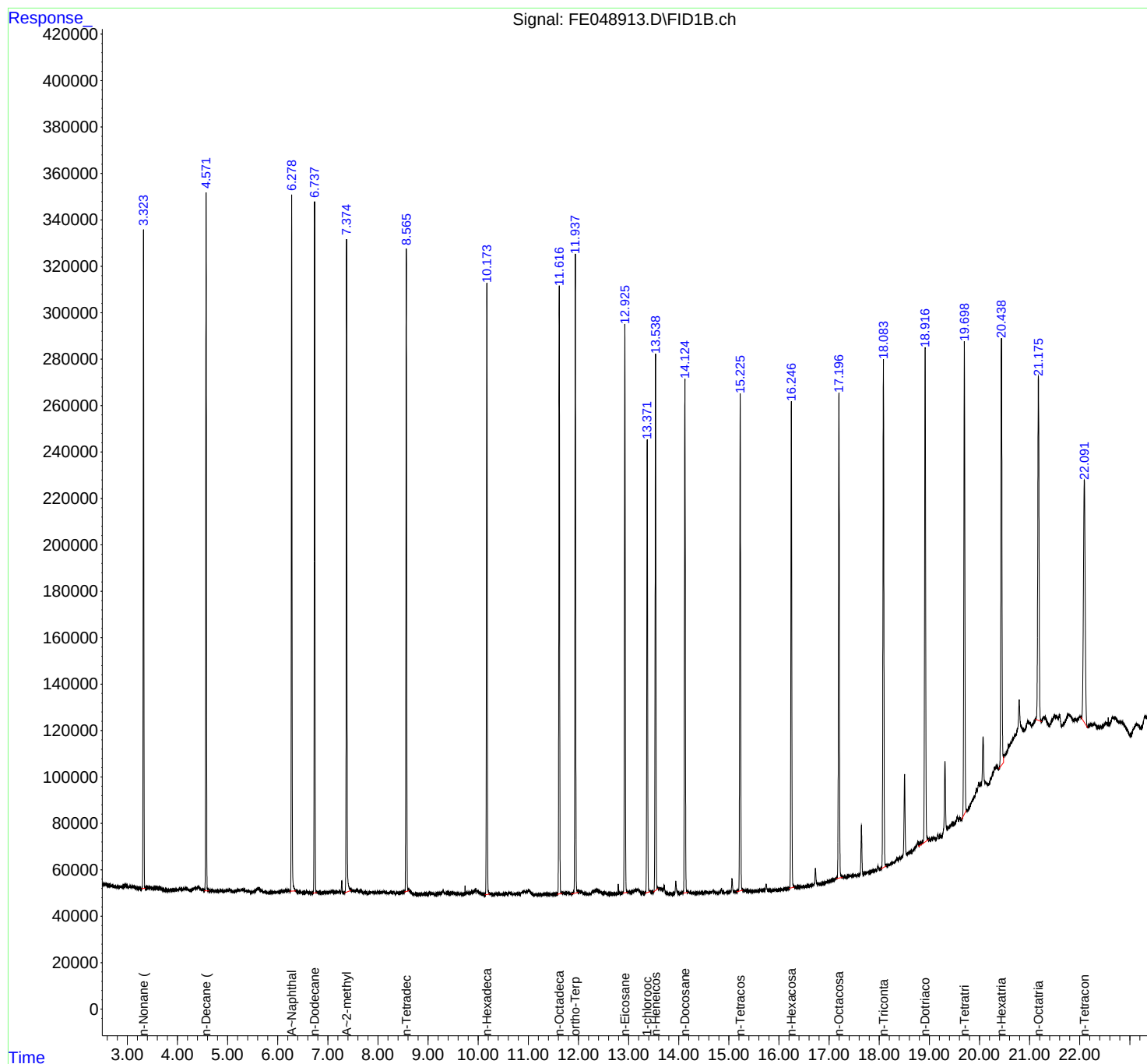
(m)=manual int.

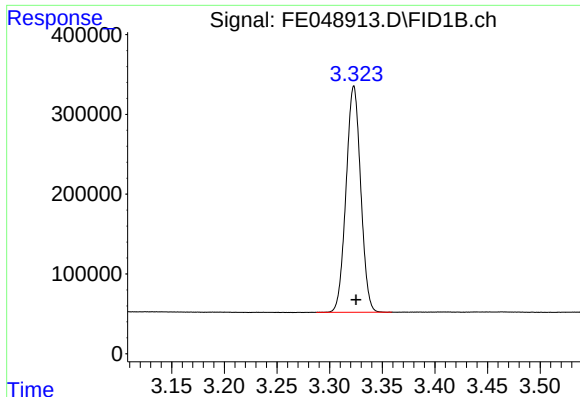
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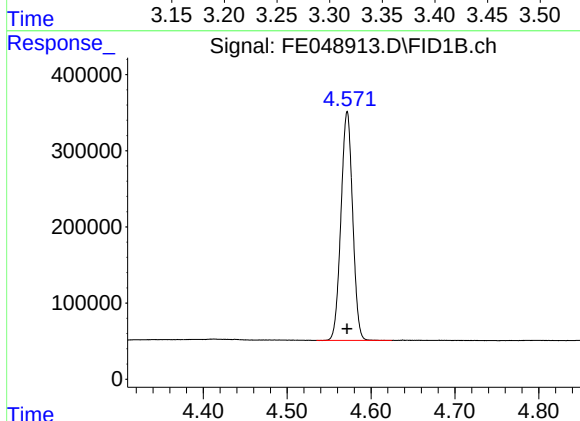




#1 n-Nonane (C9)

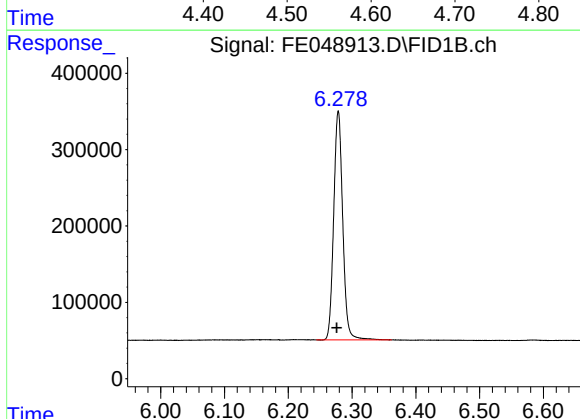
R.T.: 3.323 min
Delta R.T.: -0.002 min
Response: 2746891
Conc: 18.27 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



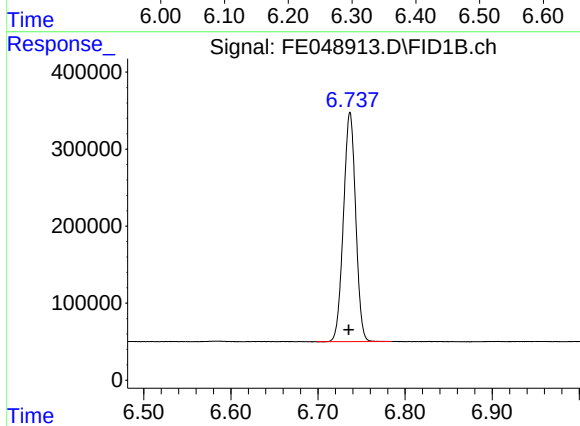
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 2912136
Conc: 18.92 ug/ml



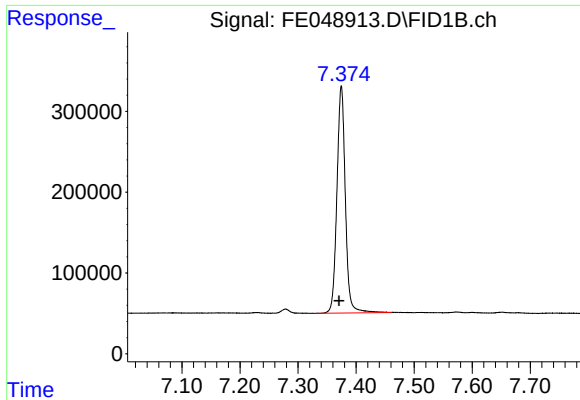
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.002 min
Response: 2954373
Conc: 18.61 ug/ml



#4 n-Dodecane (C12)

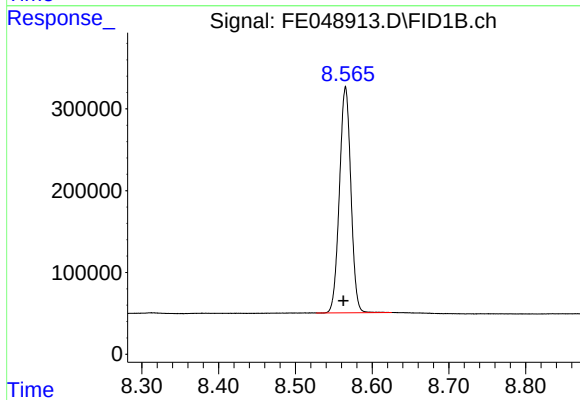
R.T.: 6.737 min
Delta R.T.: 0.002 min
Response: 2905746
Conc: 18.82 ug/ml



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

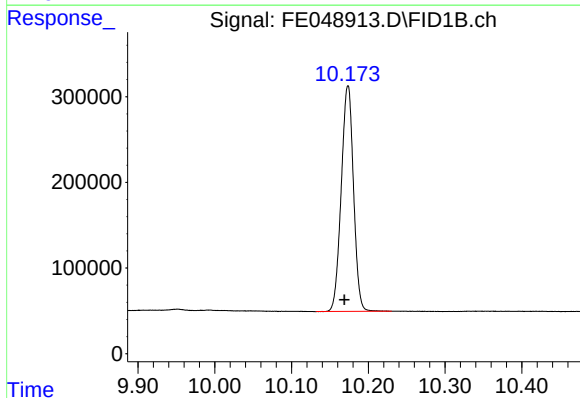
R.T.: 7.375 min
Delta R.T.: 0.004 min
Response: 2836194
Conc: 18.73 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



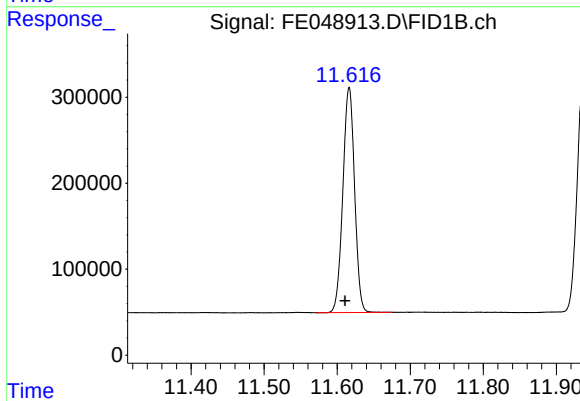
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: 0.003 min
Response: 2856045
Conc: 18.63 ug/ml



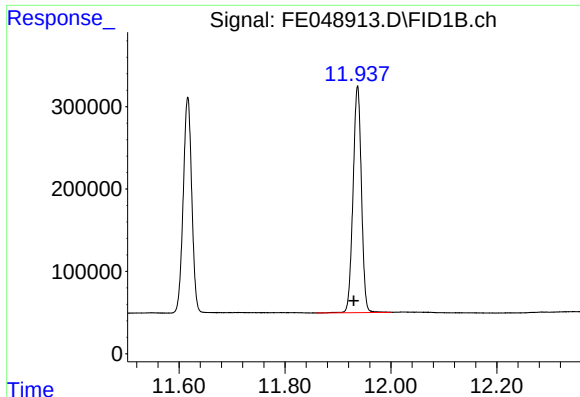
#7 n-Hexadecane (C16)

R.T.: 10.174 min
Delta R.T.: 0.005 min
Response: 2923370
Conc: 18.70 ug/ml



#8 n-Octadecane (C18)

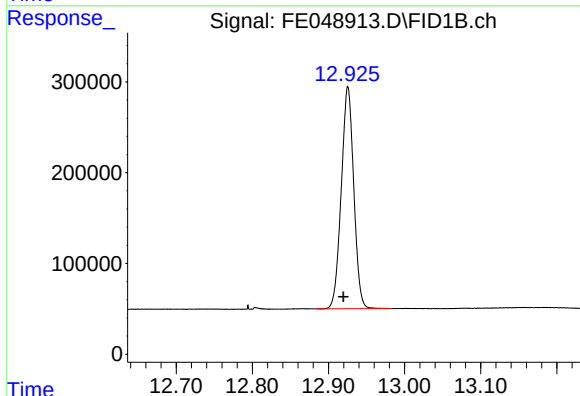
R.T.: 11.617 min
Delta R.T.: 0.006 min
Response: 2922479
Conc: 18.32 ug/ml



#9 ortho-Terphenyl (SURR)

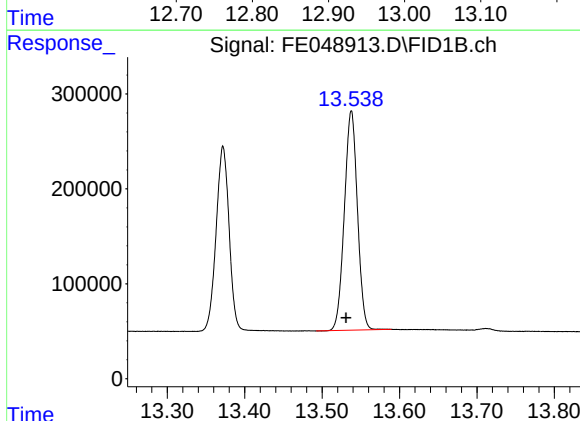
R.T.: 11.937 min
Delta R.T.: 0.007 min
Response: 3018522
Conc: 18.05 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



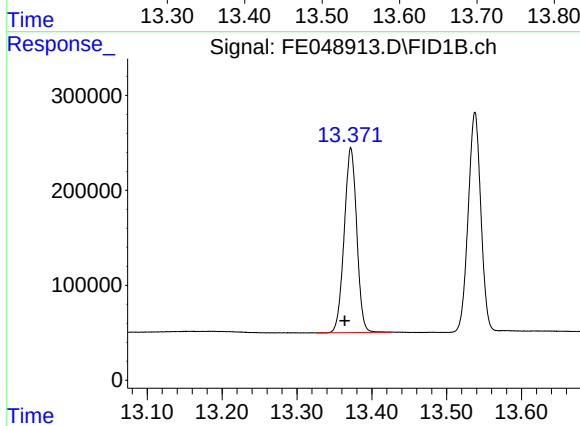
#10 n-Eicosane (C20)

R.T.: 12.926 min
Delta R.T.: 0.006 min
Response: 2786044
Conc: 17.97 ug/ml



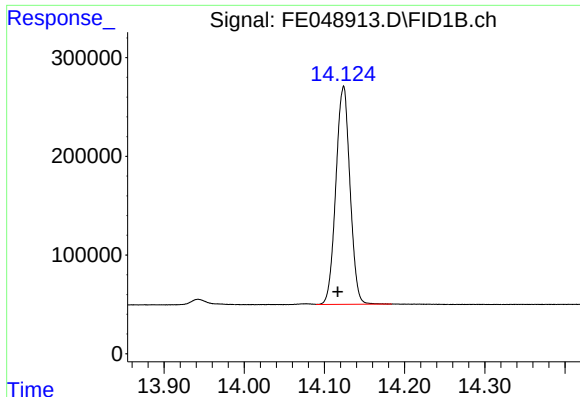
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: 0.007 min
Response: 2713901
Conc: 17.82 ug/ml



#12 1-chlorooctadecane (SURR)

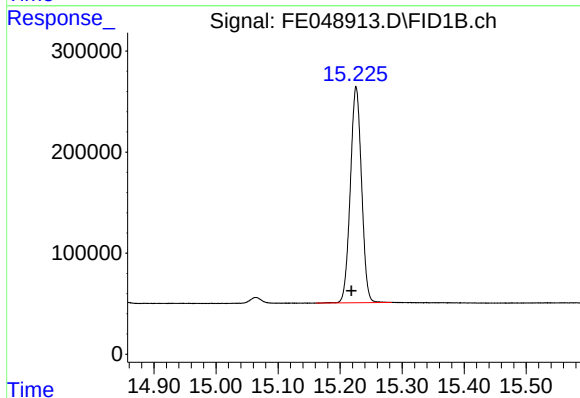
R.T.: 13.372 min
Delta R.T.: 0.008 min
Response: 2266251
Conc: 17.62 ug/ml



#13 n-Docosane (C22)

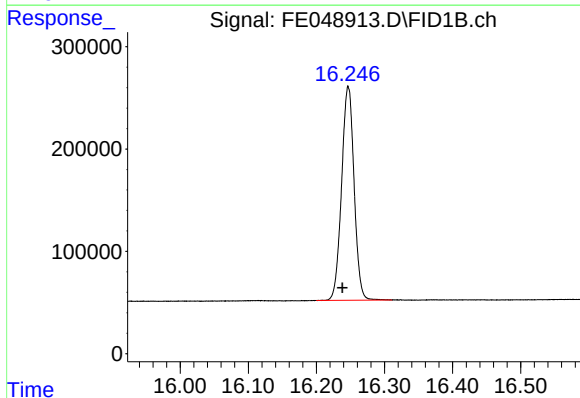
R.T.: 14.124 min
Delta R.T.: 0.007 min
Response: 2706570
Conc: 17.90 ug/ml

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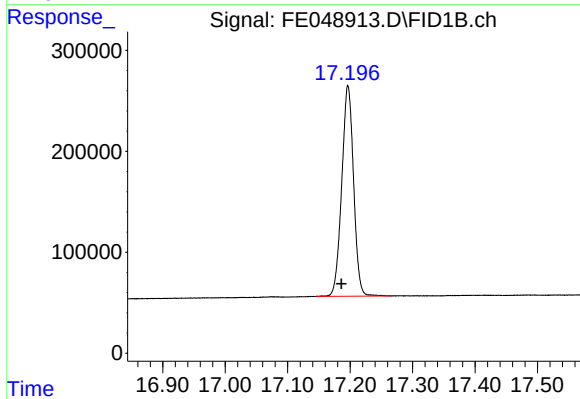
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: 0.007 min
Response: 2682854
Conc: 17.85 ug/ml



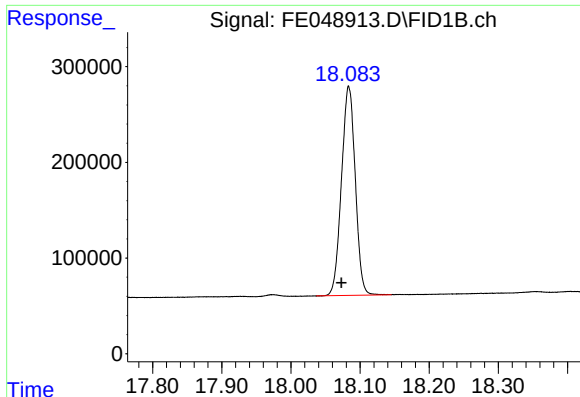
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: 0.009 min
Response: 2664460
Conc: 18.05 ug/ml



#16 n-Octacosane (C28)

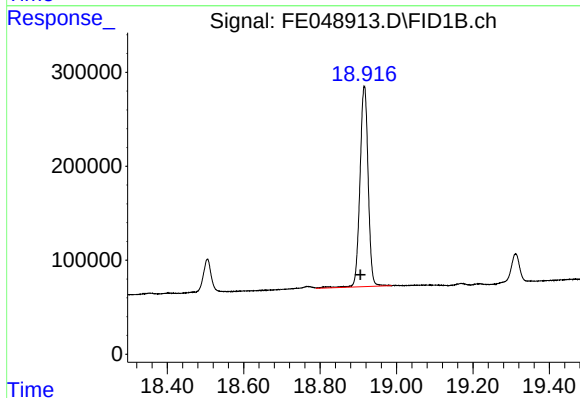
R.T.: 17.197 min
Delta R.T.: 0.010 min
Response: 2745575
Conc: 19.04 ug/ml



#17 n-Tricontane (C30)

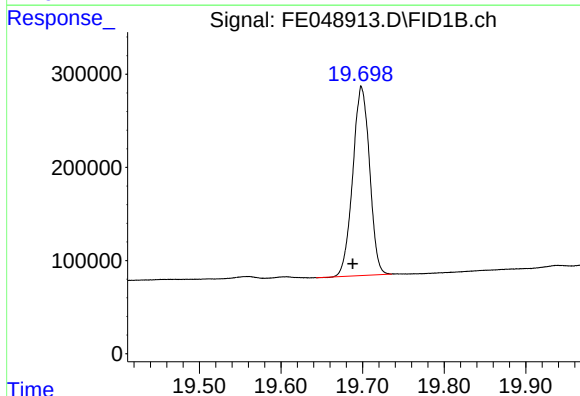
R.T.: 18.084 min
Delta R.T.: 0.010 min
Response: 3027169
Conc: 20.69 ug/ml

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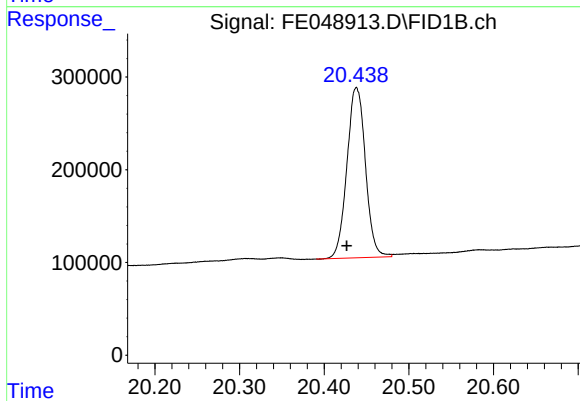
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: 0.010 min
Response: 3182065
Conc: 22.26 ug/ml



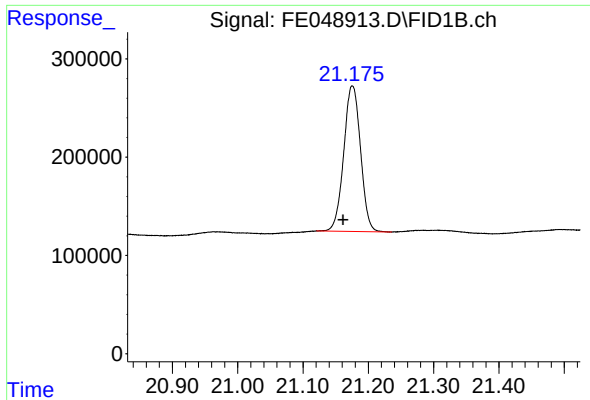
#19 n-Tetratriacontane (C34)

R.T.: 19.699 min
Delta R.T.: 0.011 min
Response: 2904301
Conc: 20.99 ug/ml



#20 n-Hexatriacontane (C36)

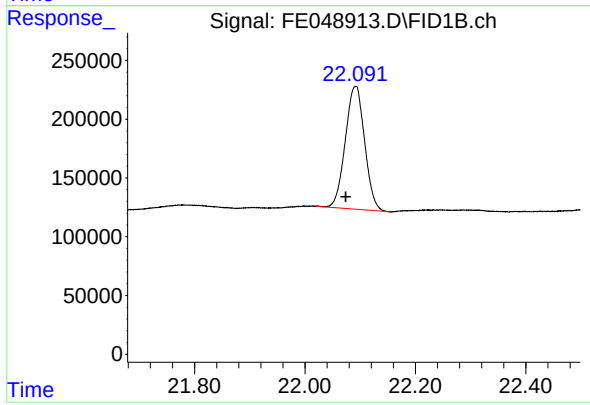
R.T.: 20.438 min
Delta R.T.: 0.011 min
Response: 2793077
Conc: 21.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.176 min
Delta R.T.: 0.014 min
Response: 2647597
Conc: 20.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.092 min
Delta R.T.: 0.017 min
Response: 2536437
Conc: 20.71 ug/ml