

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060324AL\
 Data File : FE048532.D
 Signal(s) : FID1B.ch
 Acq On : 04 Jun 2024 03:15
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 04 03:47:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.946	2696238	18.777 ug/ml
Spiked Amount 50.000		Recovery =	37.55%
12) S 1-chlorooctadecane (S...	13.380	2066384	18.968 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
Target Compounds			
1) T n-Nonane (C9)	3.334	2710888	18.132 ug/ml
2) T n-Decane (C10)	4.583	2809037	18.603 ug/ml
3) T A~Naphthalene (C11.7)	6.289	2767741	18.588 ug/ml
4) T n-Dodecane (C12)	6.749	2758953	18.638 ug/ml
5) T A~2-methylnaphthalene...	7.385	2597269	18.732 ug/ml
6) T n-Tetradecane (C14)	8.577	2646466	18.659 ug/ml
7) T n-Hexadecane (C16)	10.183	2637095	18.706 ug/ml
8) T n-Octadecane (C18)	11.626	2606173	18.765 ug/ml
10) T n-Eicosane (C20)	12.935	2497062	18.869 ug/ml
11) T n-Heneicosane (C21)	13.546	2442740	18.859 ug/ml
13) T n-Docosane (C22)	14.132	2463034	19.114 ug/ml
14) T n-Tetracosane (C24)	15.234	2552387	19.702 ug/ml
15) T n-Hexacosane (C26)	16.254	2614916	20.176 ug/ml
16) T n-Octacosane (C28)	17.203	2698297	20.876 ug/ml
17) T n-Tricontane (C30)	18.089	2886359	21.546 ug/ml
18) T n-Dotriacontane (C32)	18.922	2926192	21.557 ug/ml
19) T n-Tetratriacontane (C34)	19.704	2808031	20.526 ug/ml
20) T n-Hexatriacontane (C36)	20.444	2712614	19.955 ug/ml
21) T n-Octatriacontane (C38)	21.179	2633159	19.309 ug/ml
22) T n-Tetracontane (C40)	22.096	2521708	18.417 ug/ml

(f)=RT Delta > 1/2 Window

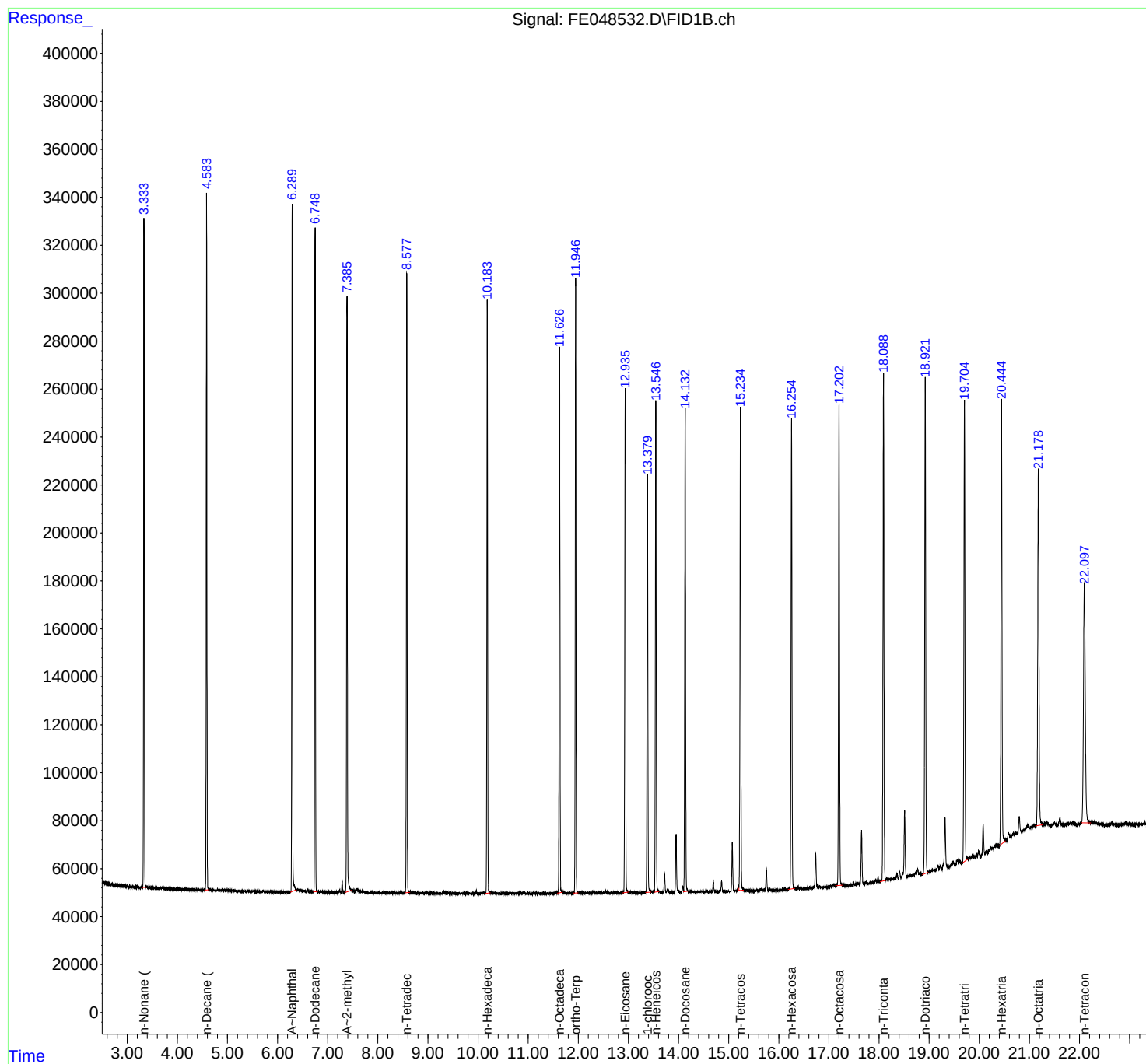
(m)=manual int.

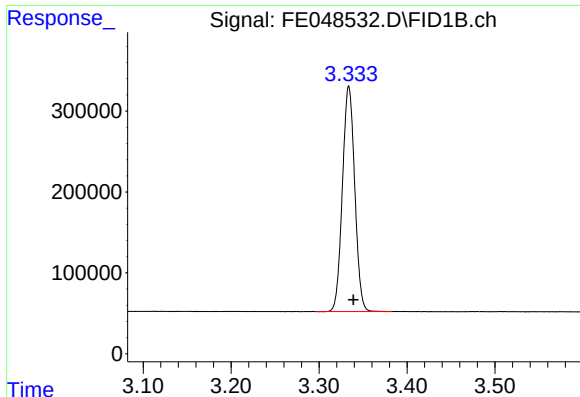
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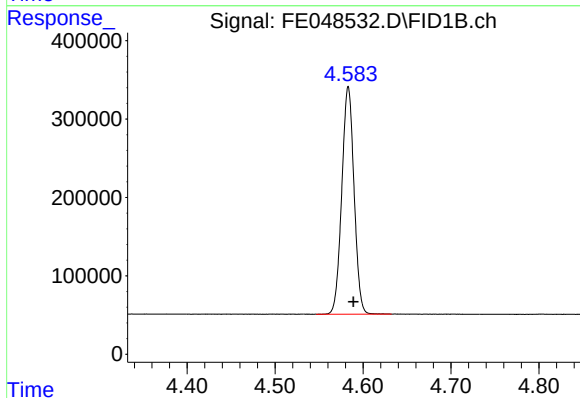




#1 n-Nonane (C9)

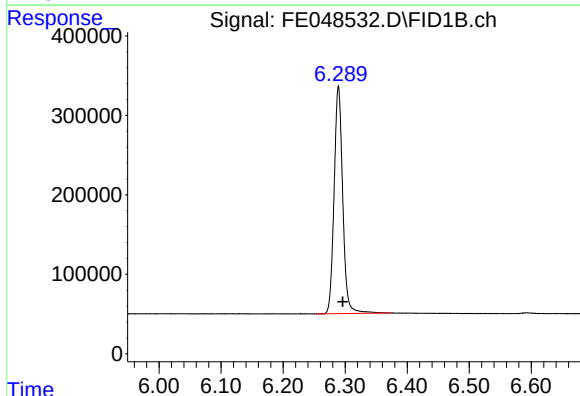
R.T.: 3.334 min
Delta R.T.: -0.005 min
Response: 2710888
Conc: 18.13 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



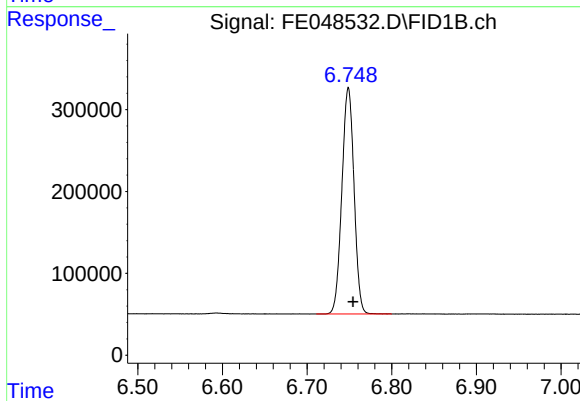
#2 n-Decane (C10)

R.T.: 4.583 min
Delta R.T.: -0.006 min
Response: 2809037
Conc: 18.60 ug/ml



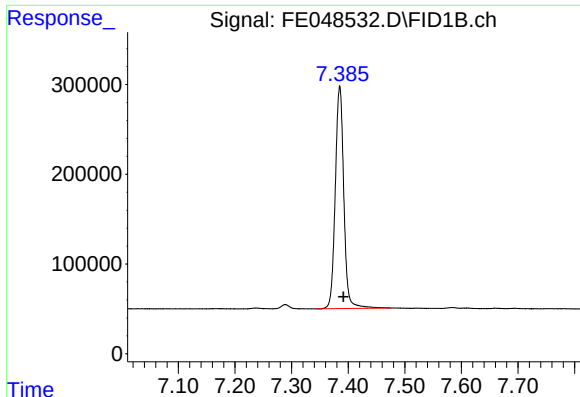
#3 A~Naphthalene (C11.7)

R.T.: 6.289 min
Delta R.T.: -0.007 min
Response: 2767741
Conc: 18.59 ug/ml



#4 n-Dodecane (C12)

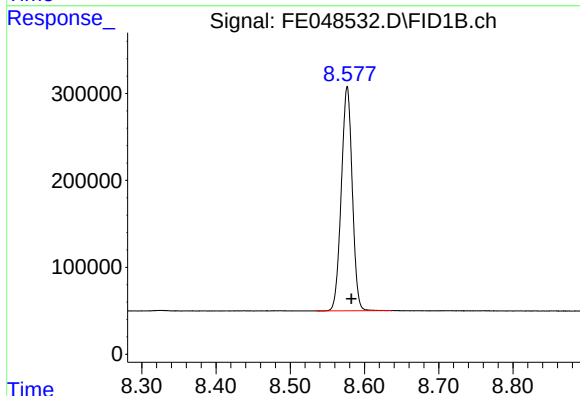
R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 2758953
Conc: 18.64 ug/ml



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

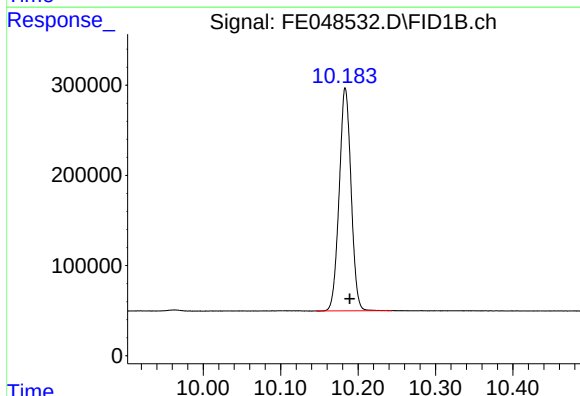
R.T.: 7.385 min
Delta R.T.: -0.006 min
Response: 2597269
Conc: 18.73 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



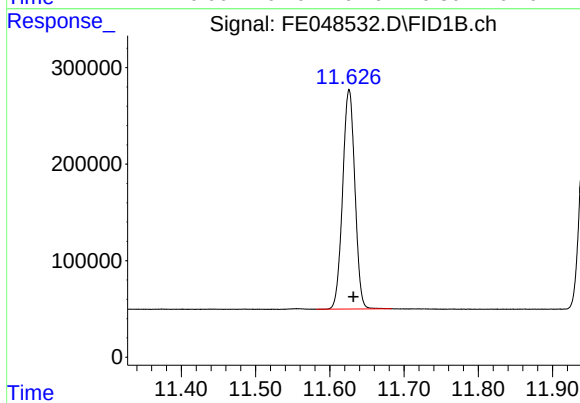
#6 n-Tetradecane (C14)

R.T.: 8.577 min
Delta R.T.: -0.006 min
Response: 2646466
Conc: 18.66 ug/ml



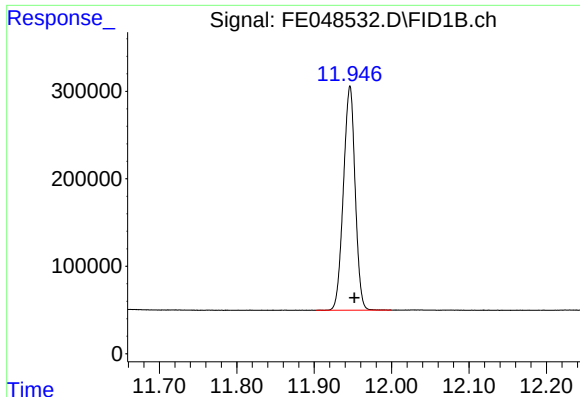
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: -0.006 min
Response: 2637095
Conc: 18.71 ug/ml



#8 n-Octadecane (C18)

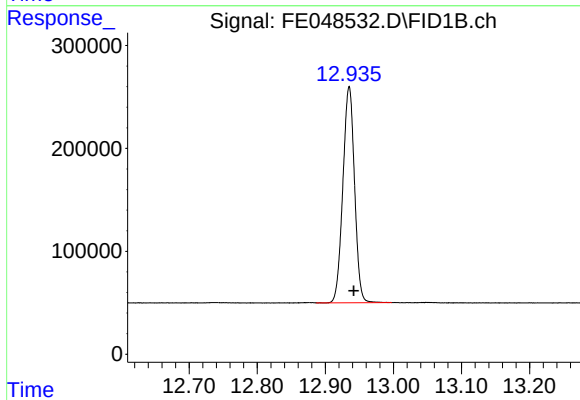
R.T.: 11.626 min
Delta R.T.: -0.006 min
Response: 2606173
Conc: 18.76 ug/ml



#9 ortho-Terphenyl (SURR)

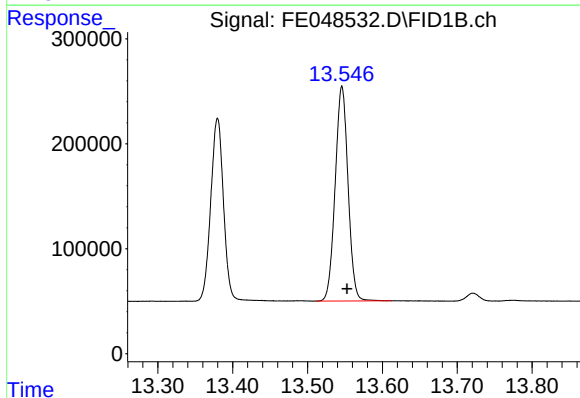
R.T.: 11.946 min
Delta R.T.: -0.006 min
Response: 2696238
Conc: 18.78 ug/ml

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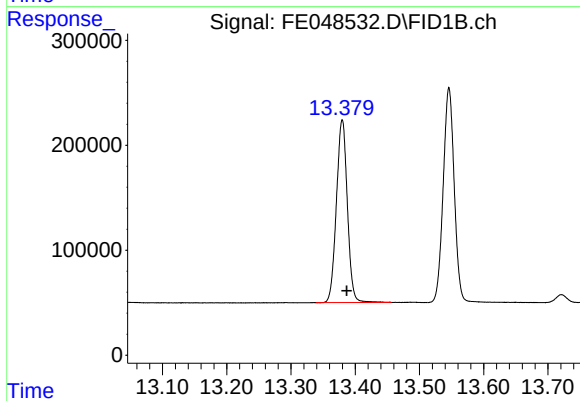
#10 n-Eicosane (C20)

R.T.: 12.935 min
Delta R.T.: -0.007 min
Response: 2497062
Conc: 18.87 ug/ml



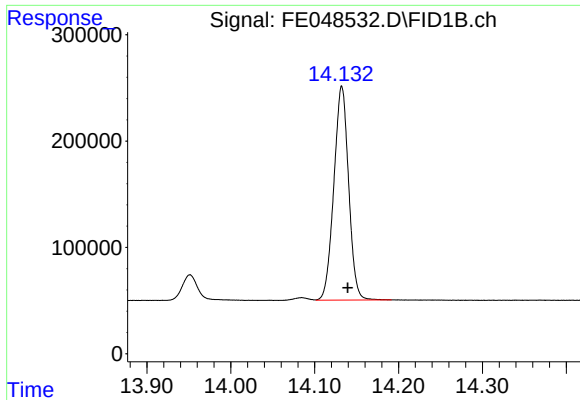
#11 n-Heneicosane (C21)

R.T.: 13.546 min
Delta R.T.: -0.007 min
Response: 2442740
Conc: 18.86 ug/ml



#12 1-chlorooctadecane (SURR)

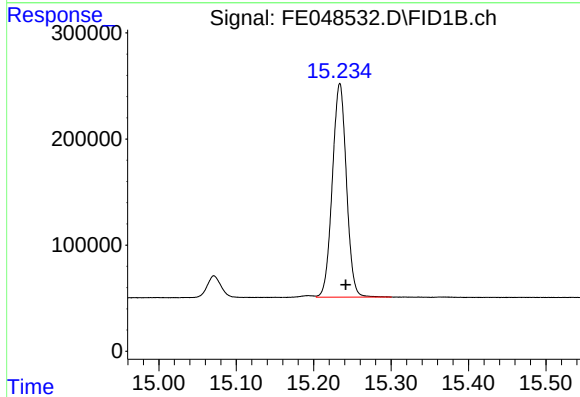
R.T.: 13.380 min
Delta R.T.: -0.007 min
Response: 2066384
Conc: 18.97 ug/ml



#13 n-Docosane (C22)

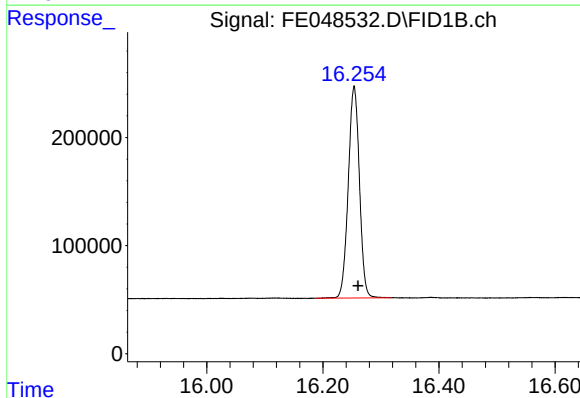
R.T.: 14.132 min
Delta R.T.: -0.007 min
Response: 2463034
Conc: 19.11 ug/ml

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20 PPM ALIPHATIC HC STD



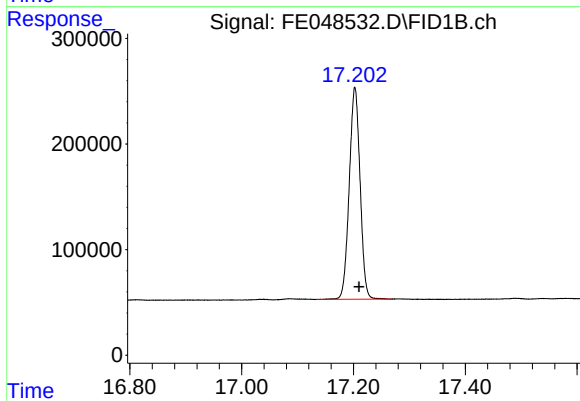
#14 n-Tetracosane (C24)

R.T.: 15.234 min
Delta R.T.: -0.008 min
Response: 2552387
Conc: 19.70 ug/ml



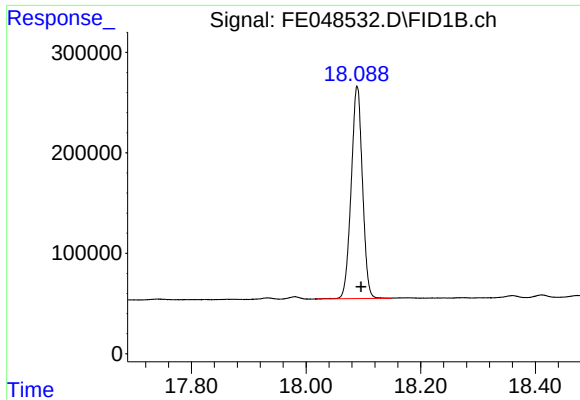
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: -0.007 min
Response: 2614916
Conc: 20.18 ug/ml



#16 n-Octacosane (C28)

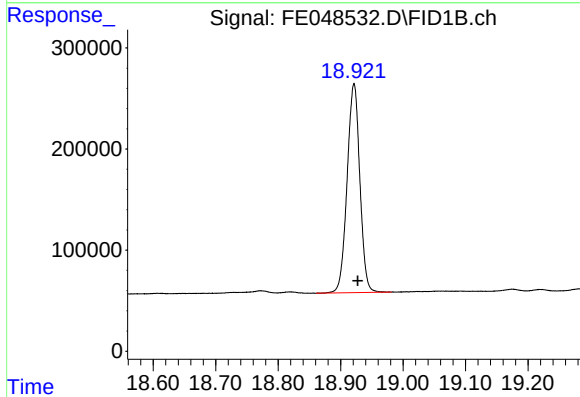
R.T.: 17.203 min
Delta R.T.: -0.008 min
Response: 2698297
Conc: 20.88 ug/ml



#17 n-Tricontane (C30)

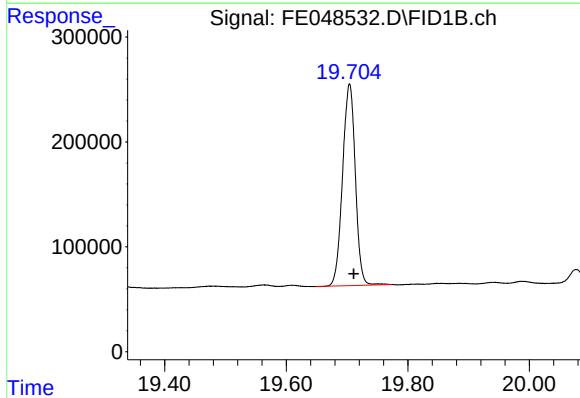
R.T.: 18.089 min
Delta R.T.: -0.007 min
Response: 2886359
Conc: 21.55 ug/ml

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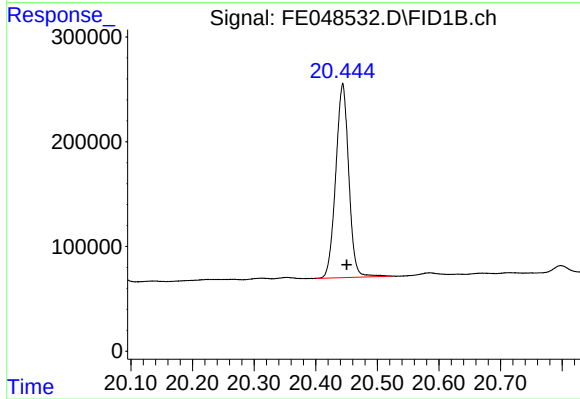
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.006 min
Response: 2926192
Conc: 21.56 ug/ml



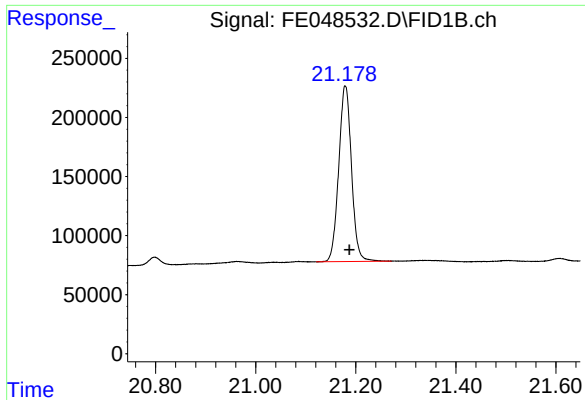
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: -0.007 min
Response: 2808031
Conc: 20.53 ug/ml



#20 n-Hexatriacontane (C36)

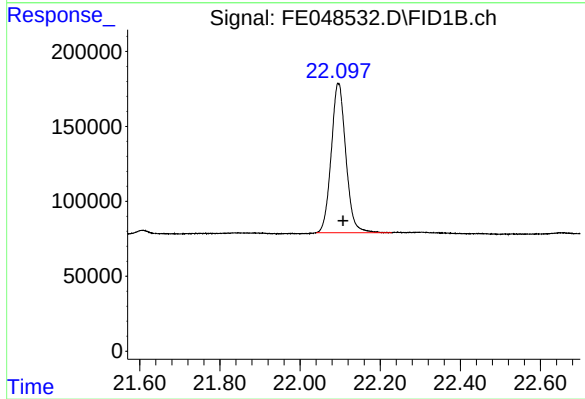
R.T.: 20.444 min
Delta R.T.: -0.007 min
Response: 2712614
Conc: 19.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: -0.009 min
Response: 2633159
Conc: 19.31 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: -0.012 min
Response: 2521708
Conc: 18.42 ug/ml