

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060624AL\
 Data File : FE048583.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jun 2024 07:03
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/07/2024
 Supervised By :Ankita Jodhani 06/07/2024

Integration File: autoint1.e
 Quant Time: Jun 07 01:24:03 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	2689658	18.731 ug/ml
Spiked Amount 50.000		Recovery =	37.46%
12) S 1-chlorooctadecane (S...	13.380	2022121	18.561 ug/ml
Spiked Amount 50.000		Recovery =	37.12%
Target Compounds			
1) T n-Nonane (C9)	3.333	2698078	18.047 ug/ml
2) T n-Decane (C10)	4.582	2797183	18.524 ug/ml
3) T A~Naphthalene (C11.7)	6.287	2742834	18.421 ug/ml
4) T n-Dodecane (C12)	6.747	2743220	18.532 ug/ml
5) T A~2-methylnaphthalene...	7.384	2570623	18.540 ug/ml
6) T n-Tetradecane (C14)	8.575	2632882	18.563 ug/ml
7) T n-Hexadecane (C16)	10.183	2631959	18.669 ug/ml
8) T n-Octadecane (C18)	11.626	2600969	18.727 ug/ml
10) T n-Eicosane (C20)	12.934	2480667	18.745 ug/ml
11) T n-Heneicosane (C21)	13.547	2418272	18.670 ug/ml
13) T n-Docosane (C22)	14.132	2445976	18.981 ug/ml
14) T n-Tetracosane (C24)	15.235	2551415	19.694 ug/ml
15) T n-Hexacosane (C26)	16.254	2594741	20.020 ug/ml
16) T n-Octacosane (C28)	17.204	2701292	20.899 ug/mlm
17) T n-Tricontane (C30)	18.091	2911748	21.736 ug/ml
18) T n-Dotriacontane (C32)	18.922	2975741	21.922 ug/ml
19) T n-Tetratriacontane (C34)	19.705	2863917	20.935 ug/ml
20) T n-Hexatriacontane (C36)	20.444	2705823	19.905 ug/ml
21) T n-Octatriacontane (C38)	21.182	2627918	19.270 ug/ml
22) T n-Tetracontane (C40)	22.100	2549208	18.618 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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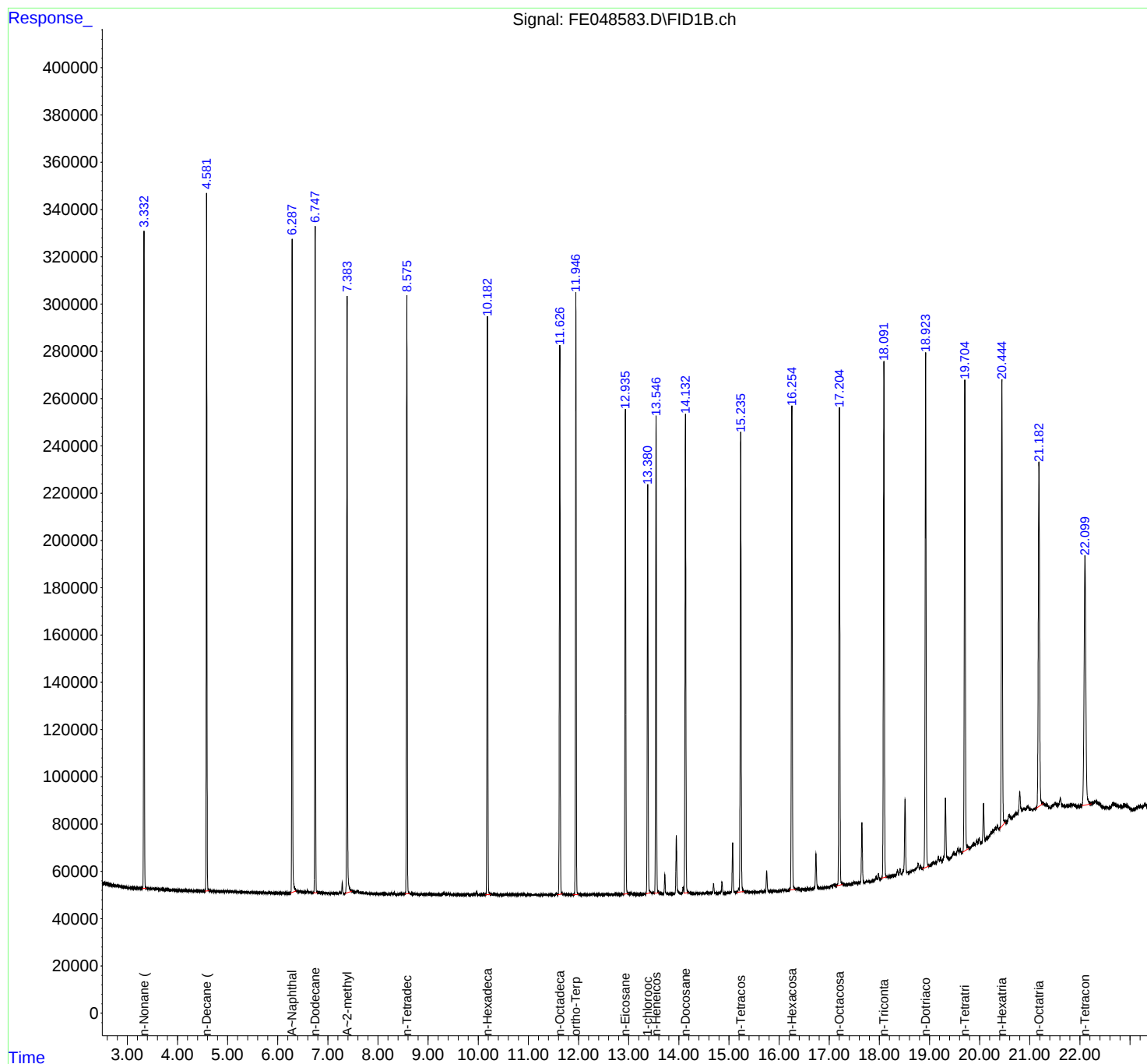
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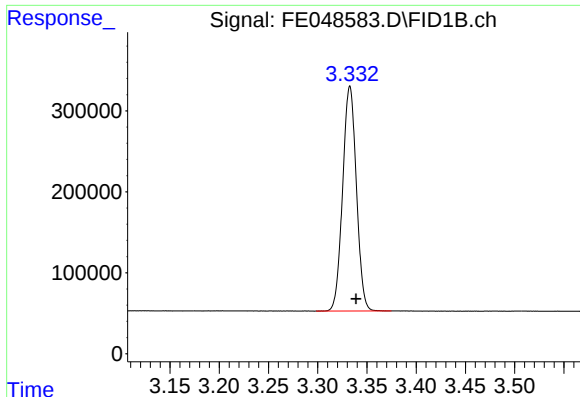
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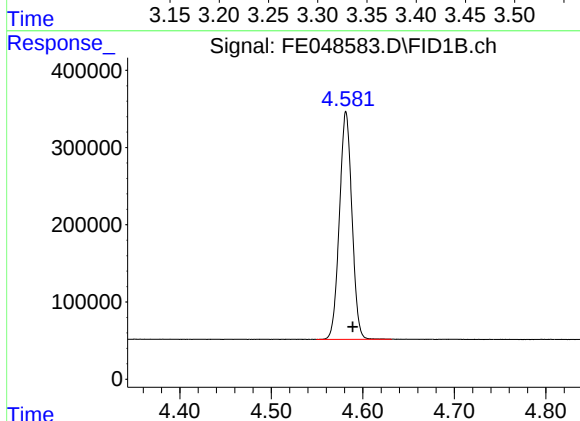
#1 n-Nonane (C9)

R.T.: 3.333 min
Delta R.T.: -0.006 min
Response: 2698078
Conc: 18.05 ug/ml

Instrument :
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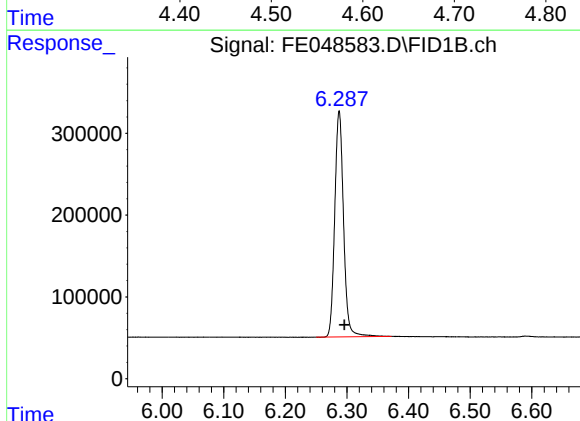
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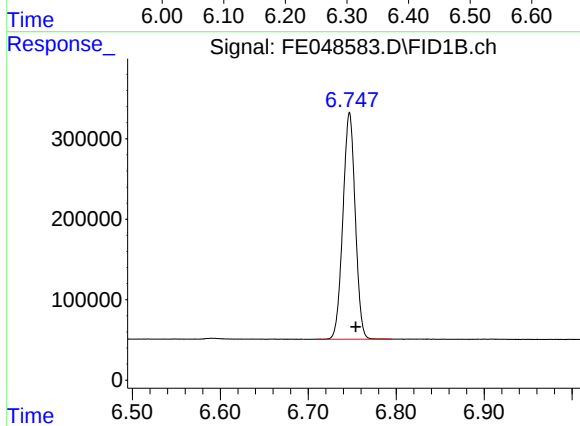
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: -0.007 min
Response: 2797183
Conc: 18.52 ug/ml



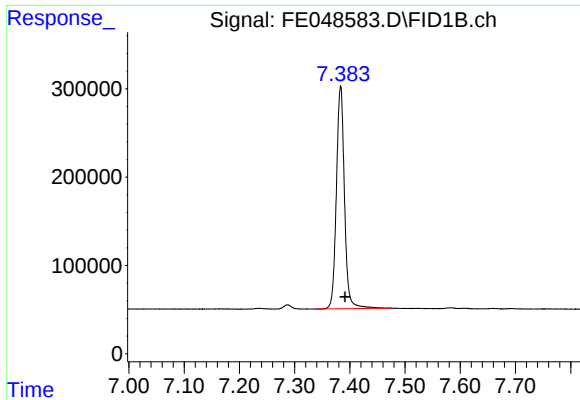
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: -0.008 min
Response: 2742834
Conc: 18.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.747 min
Delta R.T.: -0.007 min
Response: 2743220
Conc: 18.53 ug/ml



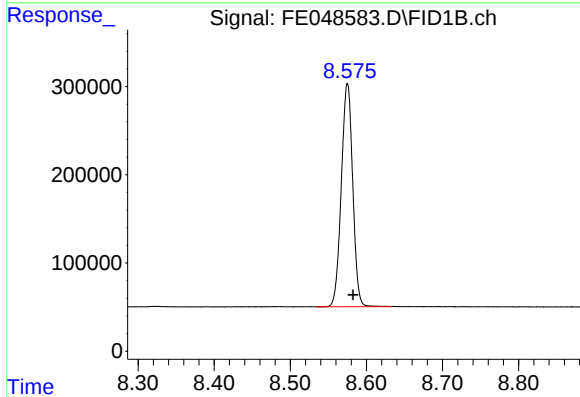
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.384 min
Delta R.T.: -0.008 min
Response: 2570623
Conc: 18.54 ug/ml

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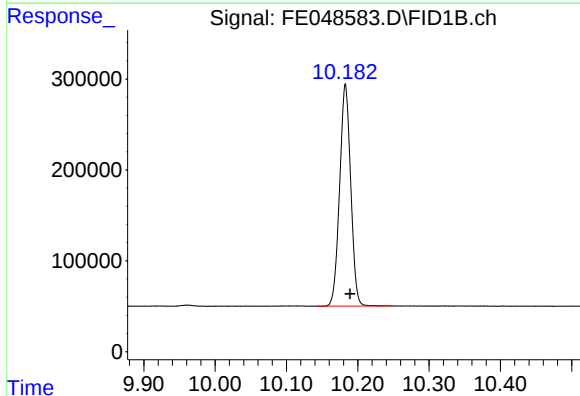
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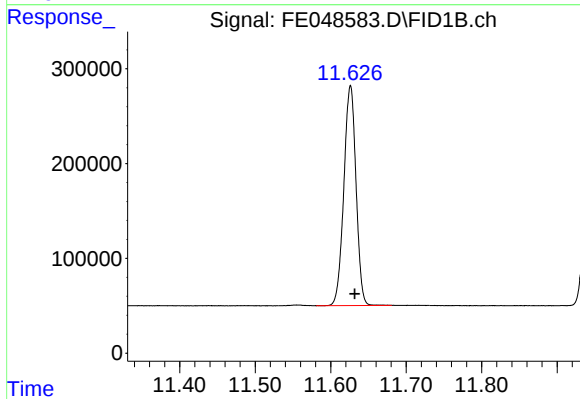
#6 n-Tetradecane (C14)

R.T.: 8.575 min
Delta R.T.: -0.007 min
Response: 2632882
Conc: 18.56 ug/ml



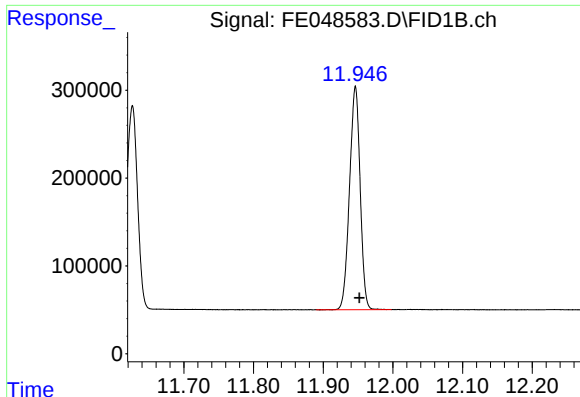
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: -0.007 min
Response: 2631959
Conc: 18.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.626 min
Delta R.T.: -0.006 min
Response: 2600969
Conc: 18.73 ug/ml



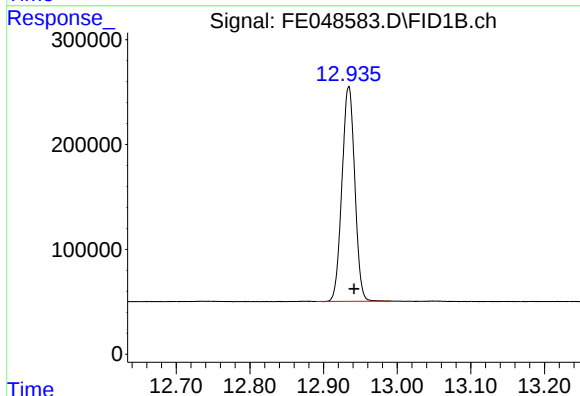
#9 ortho-Terphenyl (SURR)

R.T.: 11.946 min
Delta R.T.: -0.006 min
Response: 2689658
Conc: 18.73 ug/ml

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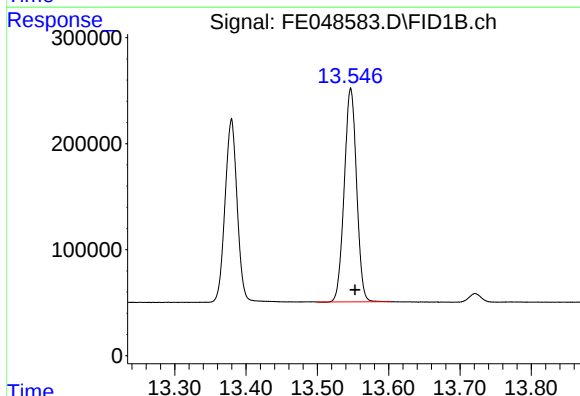
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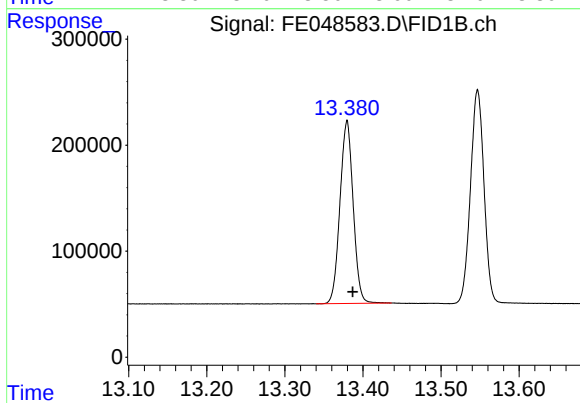
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: -0.007 min
Response: 2480667
Conc: 18.75 ug/ml



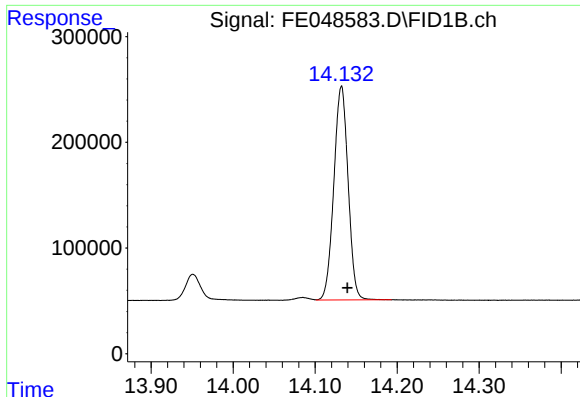
#11 n-Heneicosane (C21)

R.T.: 13.547 min
Delta R.T.: -0.006 min
Response: 2418272
Conc: 18.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.380 min
Delta R.T.: -0.007 min
Response: 2022121
Conc: 18.56 ug/ml



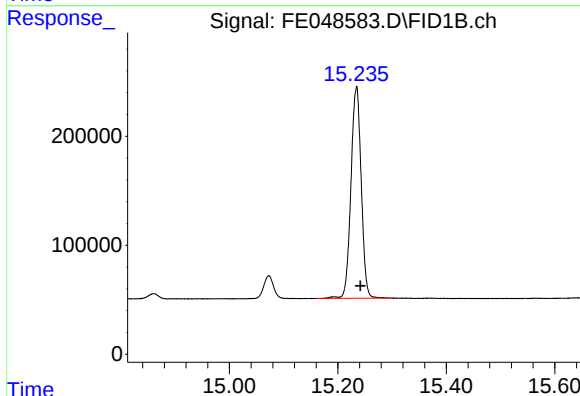
#13 n-Docosane (C22)

R.T.: 14.132 min
Delta R.T.: -0.007 min
Response: 2445976
Conc: 18.98 ug/ml

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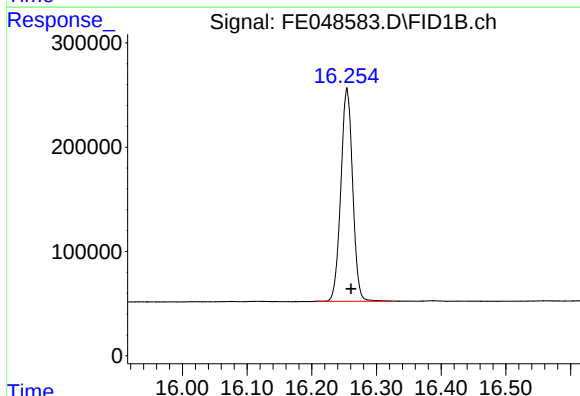
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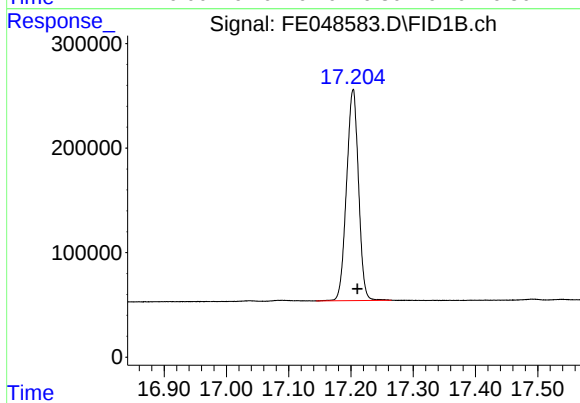
#14 n-Tetracosane (C24)

R.T.: 15.235 min
Delta R.T.: -0.007 min
Response: 2551415
Conc: 19.69 ug/ml



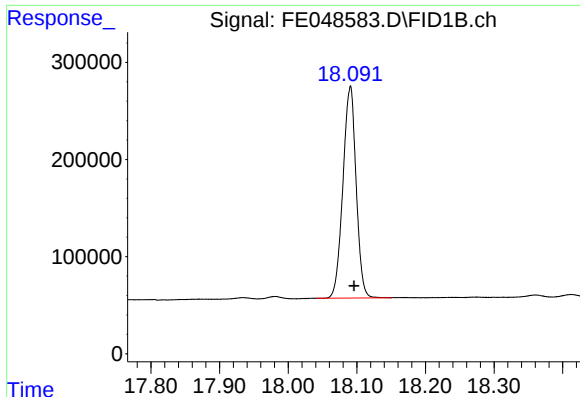
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: -0.006 min
Response: 2594741
Conc: 20.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.204 min
Delta R.T.: -0.007 min
Response: 2701292
Conc: 20.90 ug/ml m



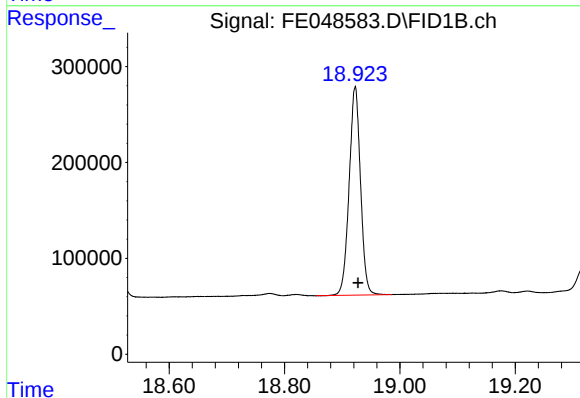
#17 n-Tricontane (C30)

R.T.: 18.091 min
Delta R.T.: -0.006 min
Response: 2911748
Conc: 21.74 ug/ml

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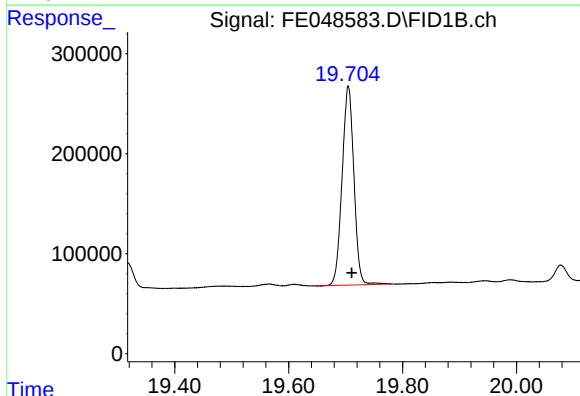
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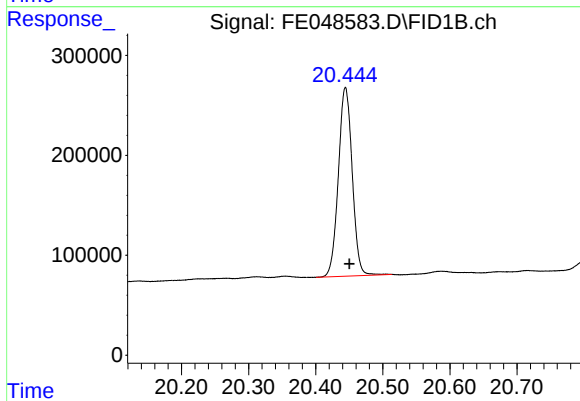
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.005 min
Response: 2975741
Conc: 21.92 ug/ml



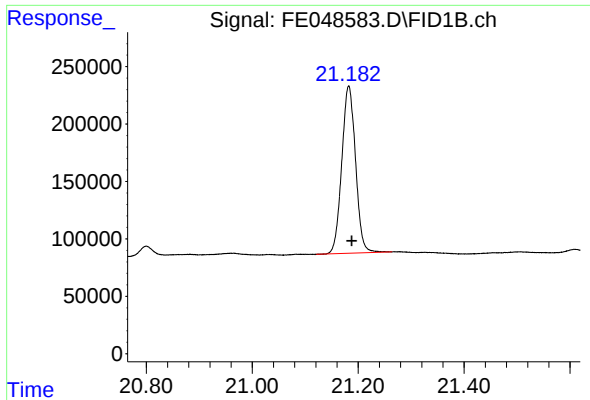
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: -0.006 min
Response: 2863917
Conc: 20.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.444 min
Delta R.T.: -0.006 min
Response: 2705823
Conc: 19.91 ug/ml



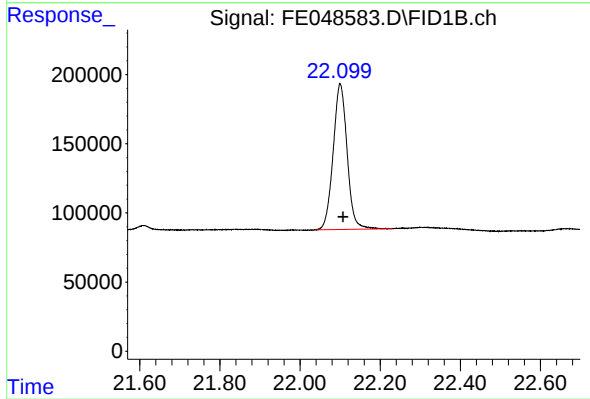
#21 n-Octatriacontane (C38)

R.T.: 21.182 min
Delta R.T.: -0.005 min
Response: 2627918
Conc: 19.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: -0.007 min
Response: 2549208
Conc: 18.62 ug/ml