

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022725AL\
 Data File : FE052543.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2025 19:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 28 03:25:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 2025
 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)	11.921	3351718	17.930 ug/ml
Spiked Amount 50.000		Recovery =	35.86%
12) S 1-chlorooctadecane (S...	13.365	2507244	18.038 ug/ml
Spiked Amount 50.000		Recovery =	36.08%
Target Compounds			
1) T n-Nonane (C9)	3.255	3143831	20.481 ug/ml
2) T n-Decane (C10)	4.517	3187686	20.409 ug/ml
3) T A~Naphthalene (C11.7)	6.232	3472953	20.102 ug/ml
4) T n-Dodecane (C12)	6.700	3129189	19.825 ug/ml
5) T A~2-methylnaphthalene...	7.336	3312191	19.721 ug/ml
6) T n-Tetradecane (C14)	8.538	3013472	19.132 ug/ml
7) T n-Hexadecane (C16)	10.154	3055178	18.693 ug/ml
8) T n-Octadecane (C18)	11.604	3037092	18.355 ug/ml
10) T n-Eicosane (C20)	12.919	2906567	18.232 ug/ml
11) T n-Heneicosane (C21)	13.534	2859577	18.252 ug/ml
13) T n-Docosane (C22)	14.122	2848476	18.201 ug/ml
14) T n-Tetracosane (C24)	15.230	2850393	18.124 ug/ml
15) T n-Hexacosane (C26)	16.254	2820061	18.207 ug/ml
16) T n-Octacosane (C28)	17.208	2801414	18.314 ug/ml
17) T n-Tricontane (C30)	18.098	2863896	18.347 ug/ml
18) T n-Dotriacontane (C32)	18.933	2794041	18.259 ug/ml
19) T n-Tetratriacontane (C34)	19.719	2502544	17.591 ug/ml
20) T n-Hexatriacontane (C36)	20.459	2244038	18.005 ug/ml
21) T n-Octatriacontane (C38)	21.203	2210504	20.224 ug/ml
22) T n-Tetracontane (C40)	22.128	2349905	23.361 ug/ml

(f)=RT Delta > 1/2 Window

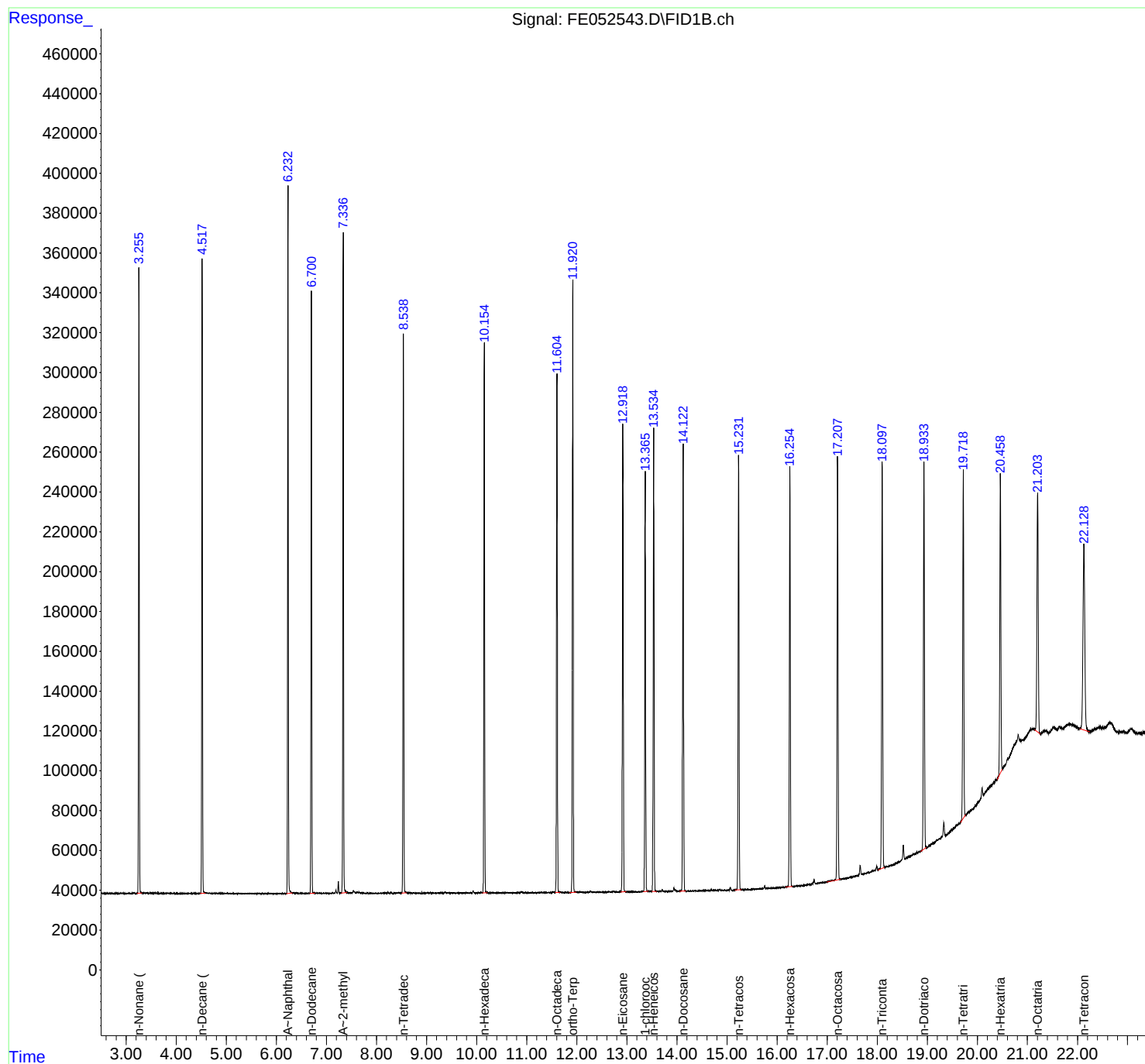
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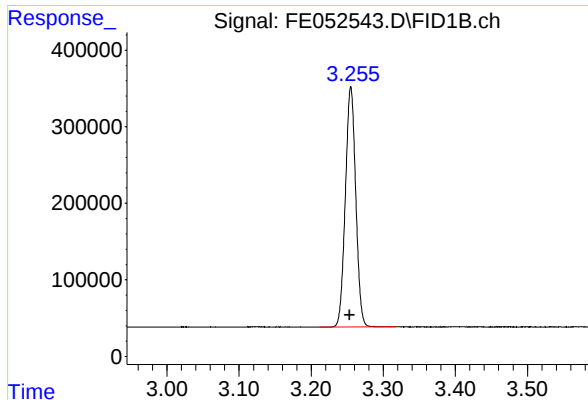
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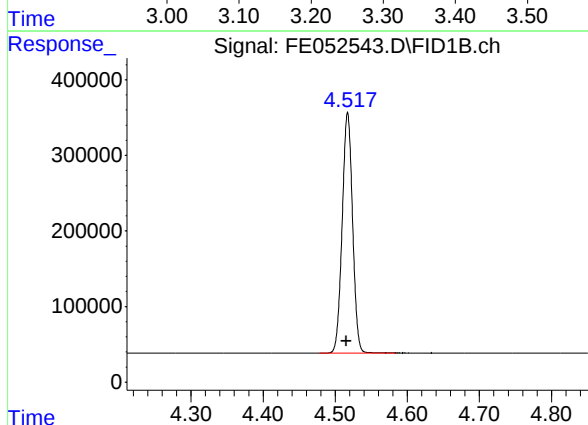




#1 n-Nonane (C9)

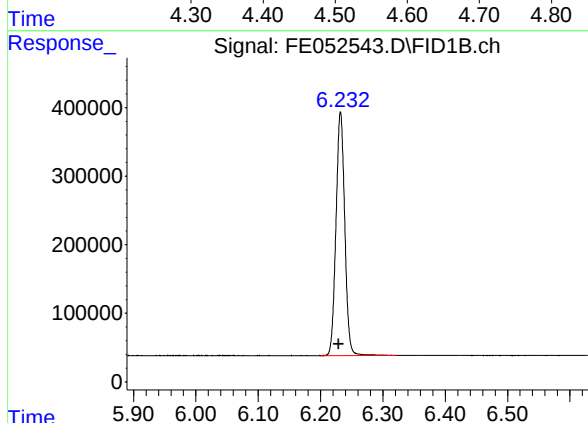
R.T.: 3.255 min
Delta R.T.: 0.002 min
Response: 3143831
Conc: 20.48 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



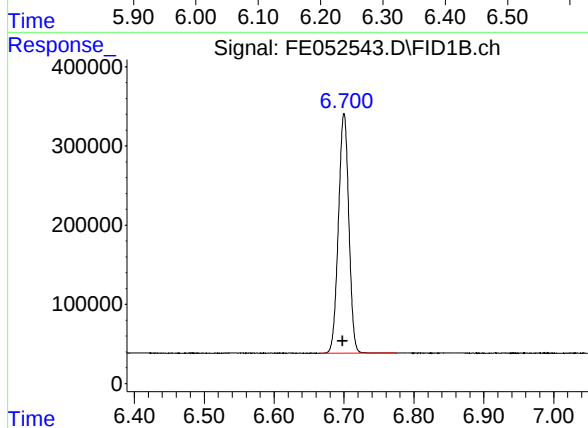
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.002 min
Response: 3187686
Conc: 20.41 ug/ml



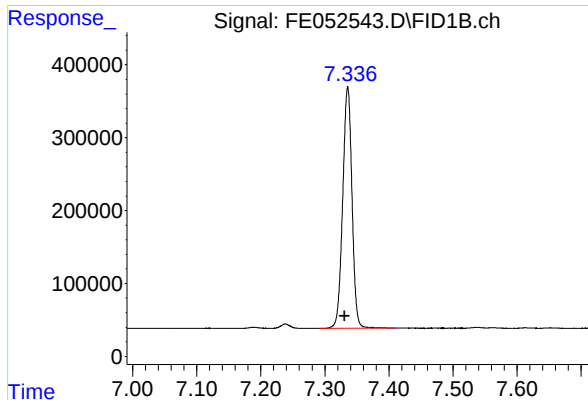
#3 A~Naphthalene (C11.7)

R.T.: 6.232 min
Delta R.T.: 0.003 min
Response: 3472953
Conc: 20.10 ug/ml



#4 n-Dodecane (C12)

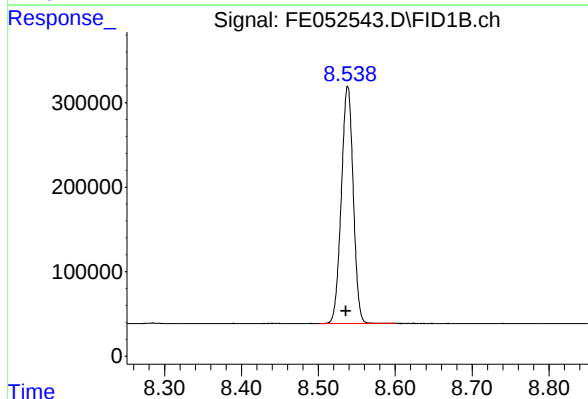
R.T.: 6.700 min
Delta R.T.: 0.002 min
Response: 3129189
Conc: 19.82 ug/ml



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

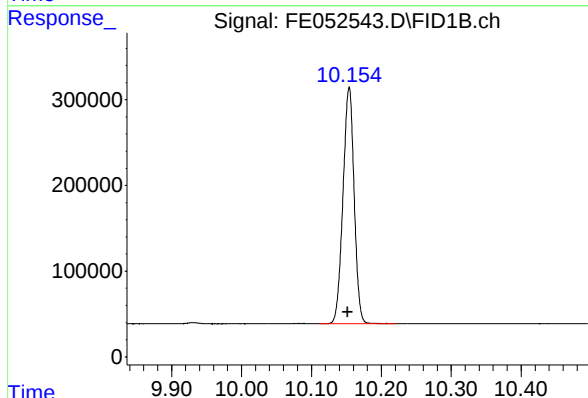
R.T.: 7.336 min
Delta R.T.: 0.005 min
Response: 3312191
Conc: 19.72 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



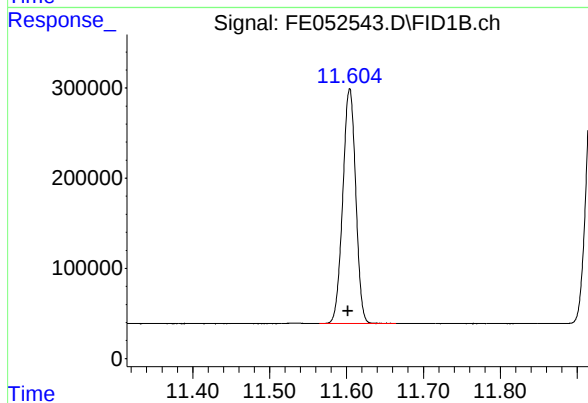
#6 n-Tetradecane (C14)

R.T.: 8.538 min
Delta R.T.: 0.002 min
Response: 3013472
Conc: 19.13 ug/ml



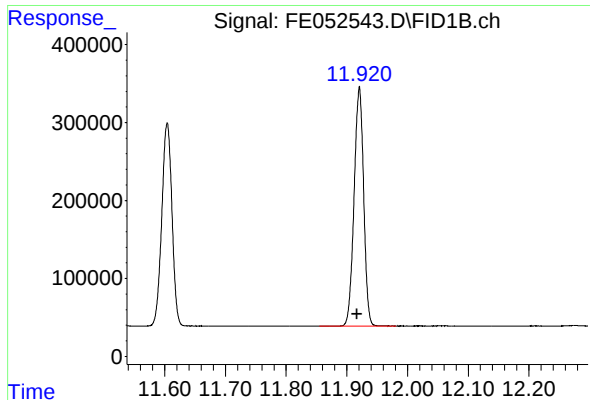
#7 n-Hexadecane (C16)

R.T.: 10.154 min
Delta R.T.: 0.002 min
Response: 3055178
Conc: 18.69 ug/ml



#8 n-Octadecane (C18)

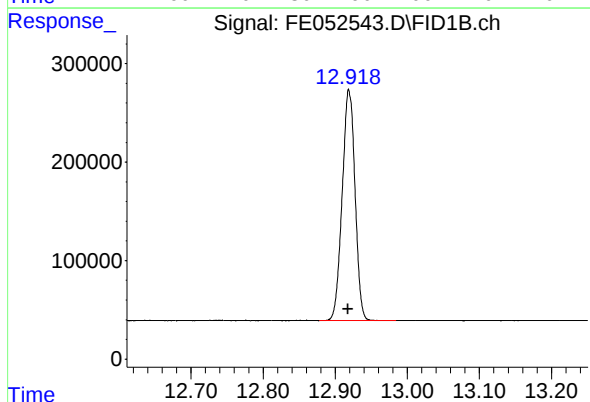
R.T.: 11.604 min
Delta R.T.: 0.002 min
Response: 3037092
Conc: 18.36 ug/ml



#9 ortho-Terphenyl (SURR)

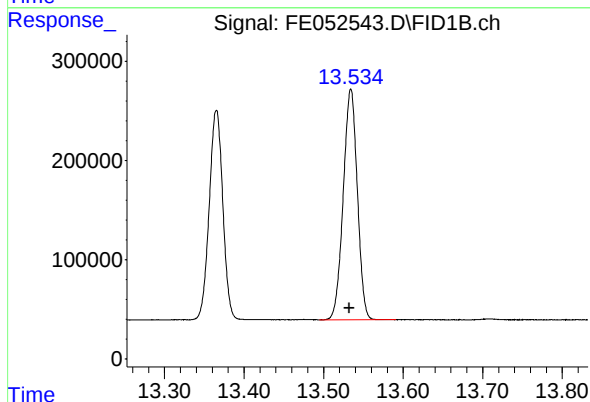
R.T.: 11.921 min
Delta R.T.: 0.004 min
Response: 3351718
Conc: 17.93 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



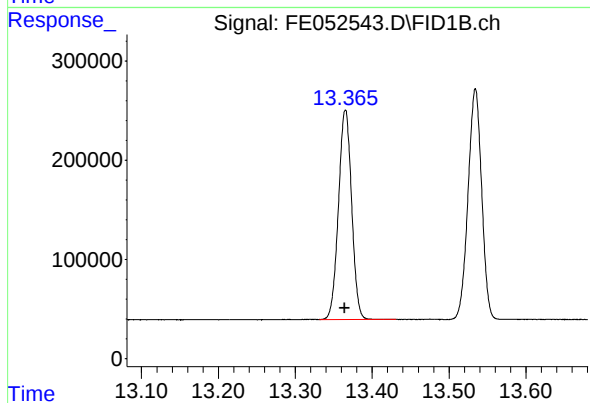
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: 0.002 min
Response: 2906567
Conc: 18.23 ug/ml



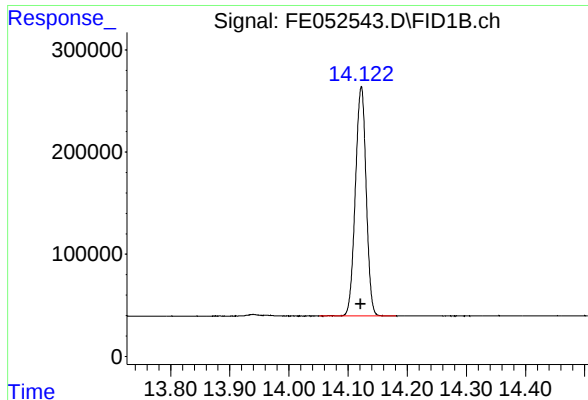
#11 n-Heneicosane (C21)

R.T.: 13.534 min
Delta R.T.: 0.002 min
Response: 2859577
Conc: 18.25 ug/ml



#12 1-chlorooctadecane (SURR)

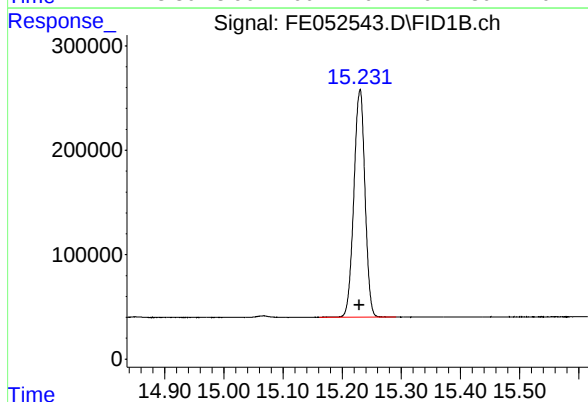
R.T.: 13.365 min
Delta R.T.: 0.001 min
Response: 2507244
Conc: 18.04 ug/ml



#13 n-Docosane (C22)

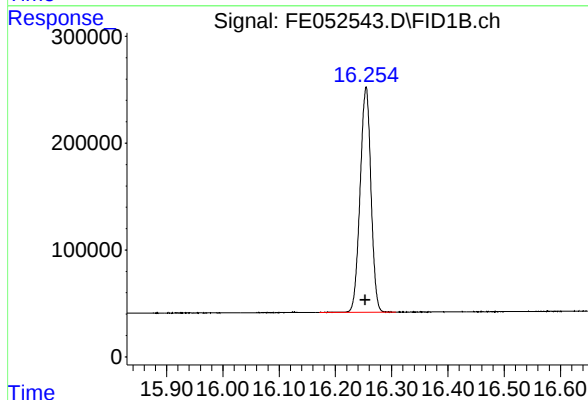
R.T.: 14.122 min
Delta R.T.: 0.001 min
Response: 2848476
Conc: 18.20 ug/ml

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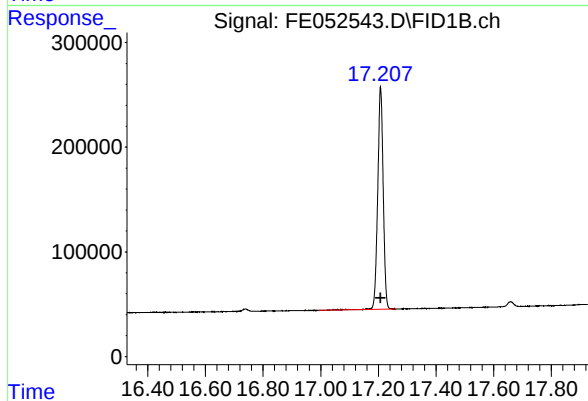
#14 n-Tetracosane (C24)

R.T.: 15.230 min
Delta R.T.: 0.000 min
Response: 2850393
Conc: 18.12 ug/ml



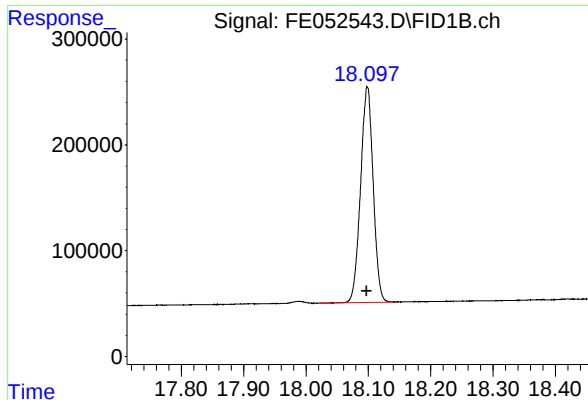
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: 0.000 min
Response: 2820061
Conc: 18.21 ug/ml



#16 n-Octacosane (C28)

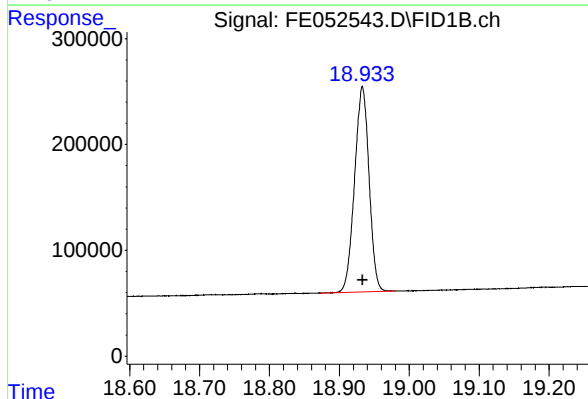
R.T.: 17.208 min
Delta R.T.: 0.000 min
Response: 2801414
Conc: 18.31 ug/ml



#17 n-Tricontane (C30)

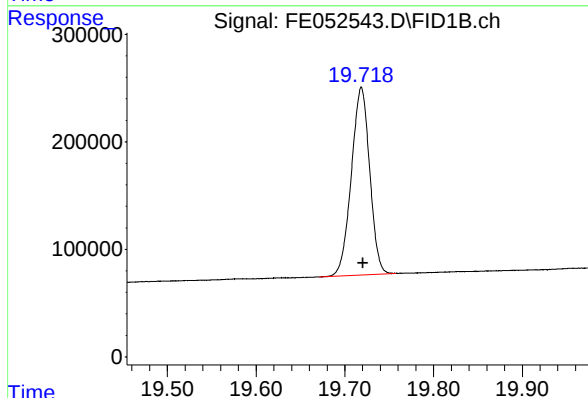
R.T.: 18.098 min
Delta R.T.: 0.000 min
Response: 2863896
Conc: 18.35 ug/ml

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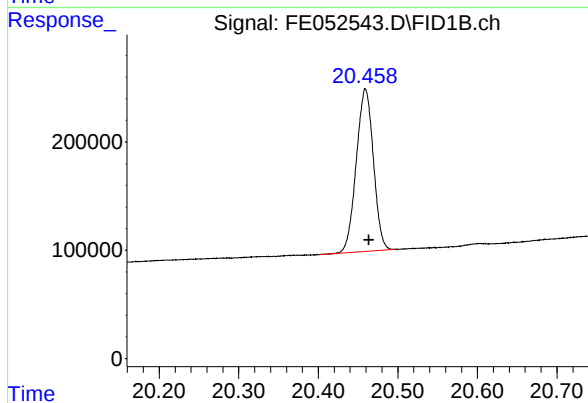
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: 0.000 min
Response: 2794041
Conc: 18.26 ug/ml



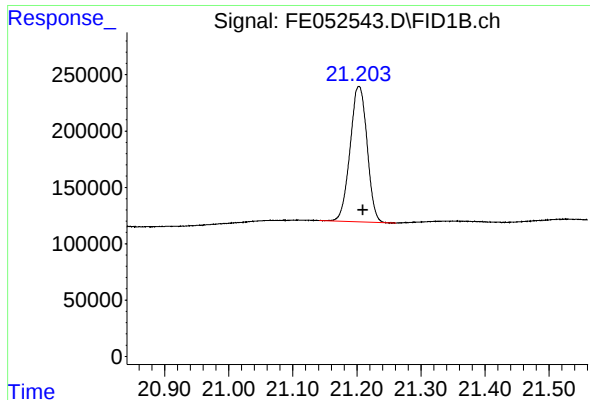
#19 n-Tetatriacontane (C34)

R.T.: 19.719 min
Delta R.T.: -0.002 min
Response: 2502544
Conc: 17.59 ug/ml



#20 n-Hexatriacontane (C36)

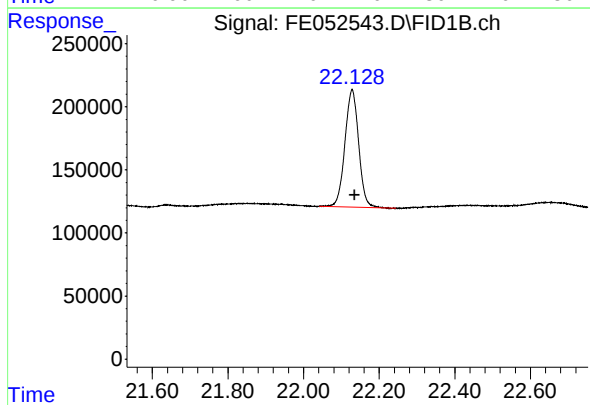
R.T.: 20.459 min
Delta R.T.: -0.004 min
Response: 2244038
Conc: 18.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: -0.006 min
Response: 2210504
Conc: 20.22 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: -0.007 min
Response: 2349905
Conc: 23.36 ug/ml