

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
 Data File : FE043665.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2023 07:59
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :Ankita Jodhani 08/03/2023

Integration File: autoint1.e
 Quant Time: Aug 02 09:05:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:04:51 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)	11.944	10361278	50.342 ug/ml
Spiked Amount 50.000		Recovery =	100.68%
12) S 1-chlorooctadecane (S...	13.383	7827543	50.276 ug/ml
Spiked Amount 50.000		Recovery =	100.55%
Target Compounds			
1) T n-Nonane (C9)	3.330	8106525	50.346 ug/ml
2) T n-Decane (C10)	4.582	8291386	50.405 ug/ml
3) T A~Naphthalene (C11.7)	6.279	9174186	50.462 ug/ml
4) T n-Dodecane (C12)	6.746	8435704	50.441 ug/ml
5) T A~2-methylnaphthalene...	7.376	8981121	50.466 ug/ml
6) T n-Tetradecane (C14)	8.573	8480313	50.428 ug/ml
7) T n-Hexadecane (C16)	10.183	8894345	50.415 ug/ml
8) T n-Octadecane (C18)	11.628	9112850	50.347 ug/ml
10) T n-Eicosane (C20)	12.938	8881126	50.290 ug/ml
11) T n-Heneicosane (C21)	13.551	8808904	50.212 ug/ml
13) T n-Docosane (C22)	14.138	8782212	50.255 ug/ml
14) T n-Tetracosane (C24)	15.241	8789128	50.218 ug/ml
15) T n-Hexacosane (C26)	16.264	8634591	50.184 ug/ml
16) T n-Octacosane (C28)	17.215	8349454	50.181 ug/ml
17) T n-Tricontane (C30)	18.103	8208699	50.068 ug/ml
18) T n-Dotriacontane (C32)	18.937	7803508	50.071 ug/ml
19) T n-Tetratriacontane (C34)	19.722	7387273	50.241 ug/ml
20) T n-Hexatriacontane (C36)	20.463	6953957	50.164 ug/ml
21) T n-Octatriacontane (C38)	21.208	6691817	50.356 ug/ml
22) T n-Tetracontane (C40)	22.131	6476442	50.339 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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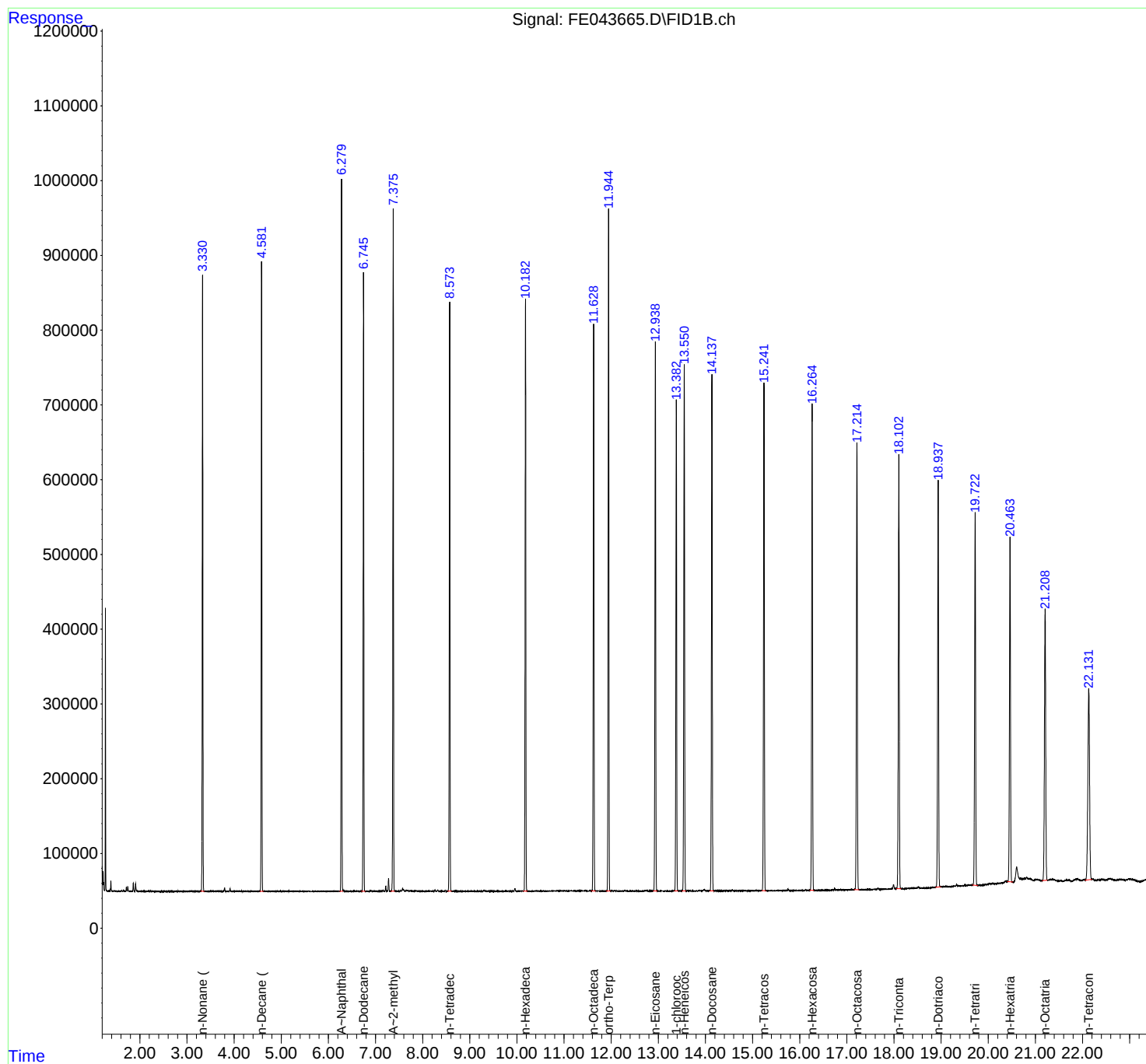
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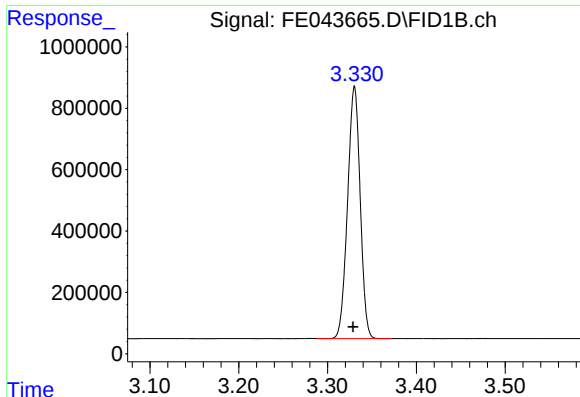
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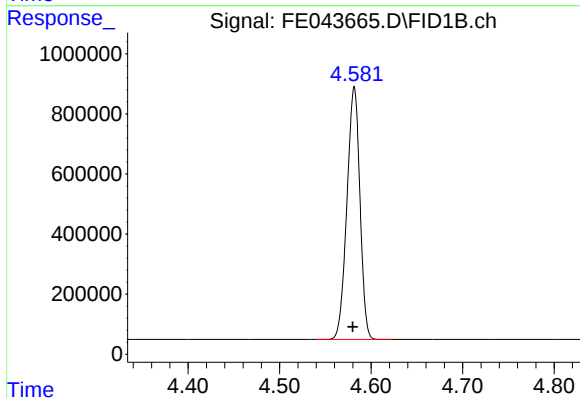
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: 0.001 min
Response: 8106525
Conc: 50.35 ug/ml

Instrument :
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ClientSampleId :
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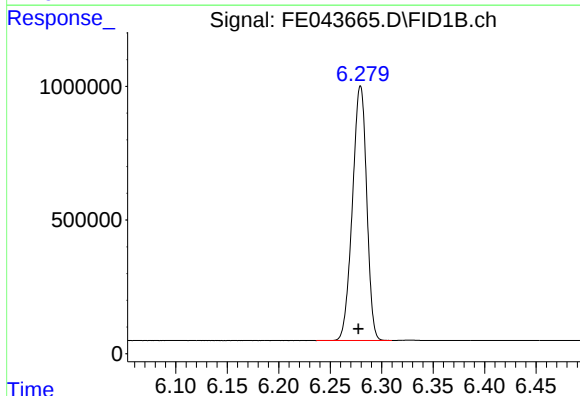
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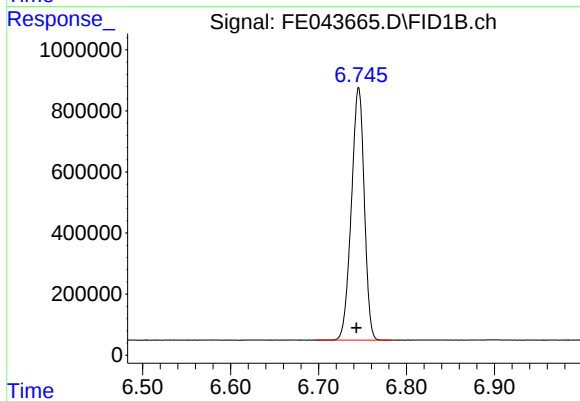
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: 0.002 min
Response: 8291386
Conc: 50.40 ug/ml



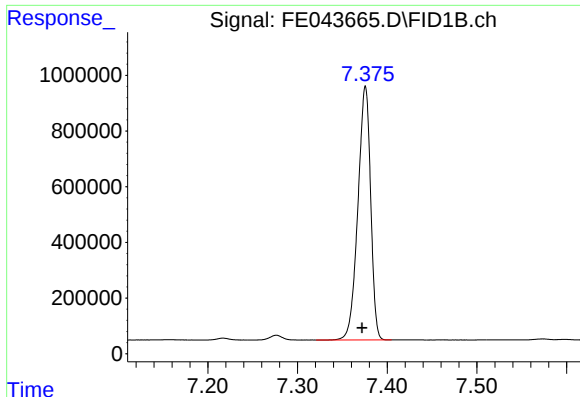
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.002 min
Response: 9174186
Conc: 50.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.746 min
Delta R.T.: 0.002 min
Response: 8435704
Conc: 50.44 ug/ml



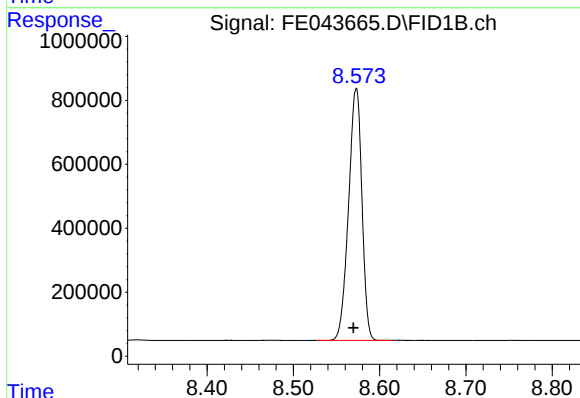
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.376 min
Delta R.T.: 0.004 min
Response: 8981121
Conc: 50.47 ug/ml

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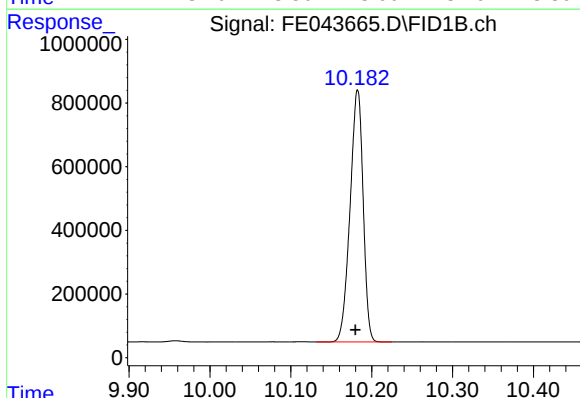
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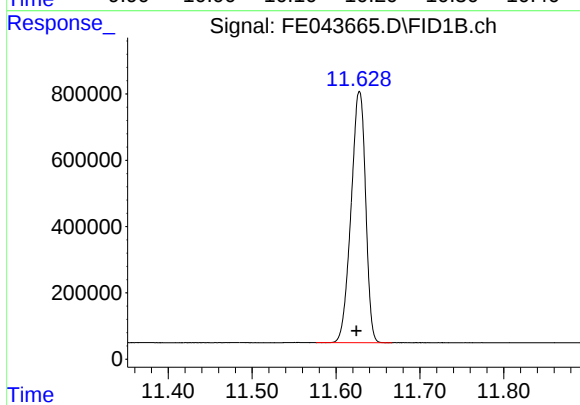
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: 0.003 min
Response: 8480313
Conc: 50.43 ug/ml



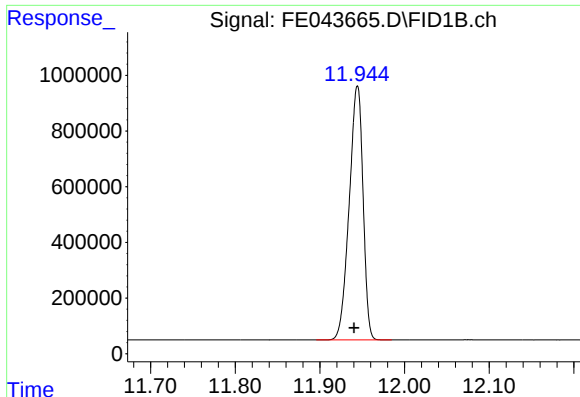
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: 0.003 min
Response: 8894345
Conc: 50.41 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.628 min
Delta R.T.: 0.004 min
Response: 9112850
Conc: 50.35 ug/ml



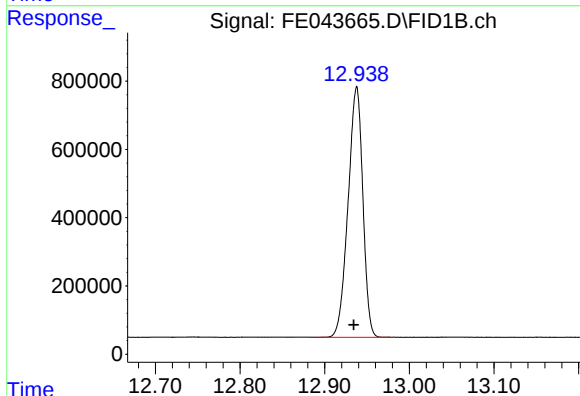
#9 ortho-Terphenyl (SURR)

R.T.: 11.944 min
Delta R.T.: 0.004 min
Response: 10361278
Conc: 50.34 ug/ml

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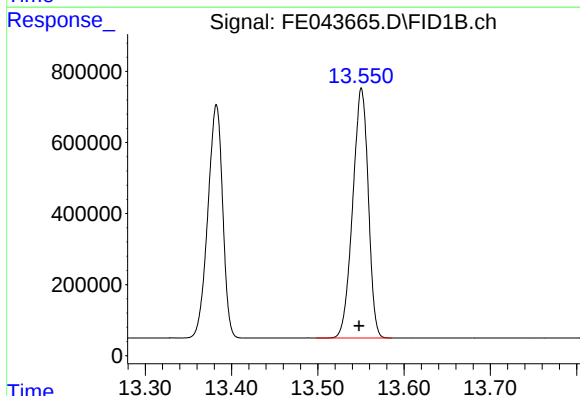
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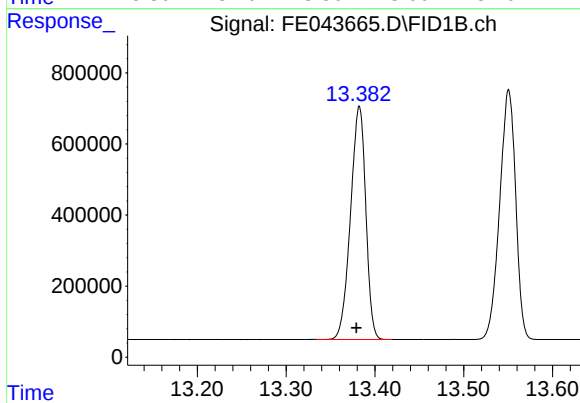
#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: 0.003 min
Response: 8881126
Conc: 50.29 ug/ml



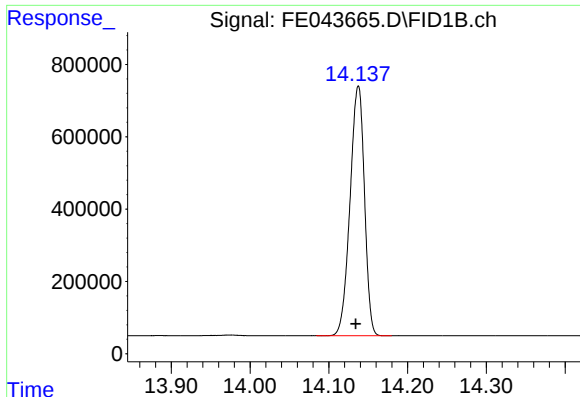
#11 n-Heneicosane (C21)

R.T.: 13.551 min
Delta R.T.: 0.003 min
Response: 8808904
Conc: 50.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.383 min
Delta R.T.: 0.003 min
Response: 7827543
Conc: 50.28 ug/ml



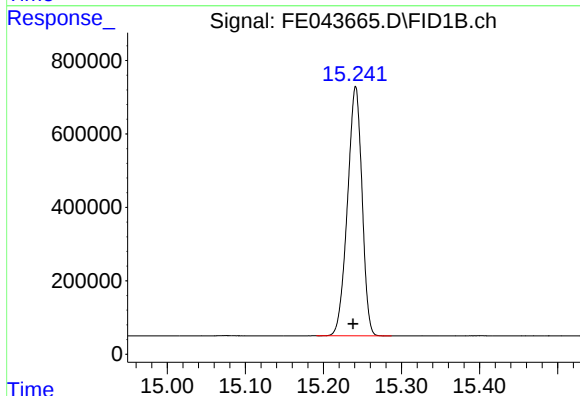
#13 n-Docosane (C22)

R.T.: 14.138 min
Delta R.T.: 0.003 min
Response: 8782212
Conc: 50.26 ug/ml

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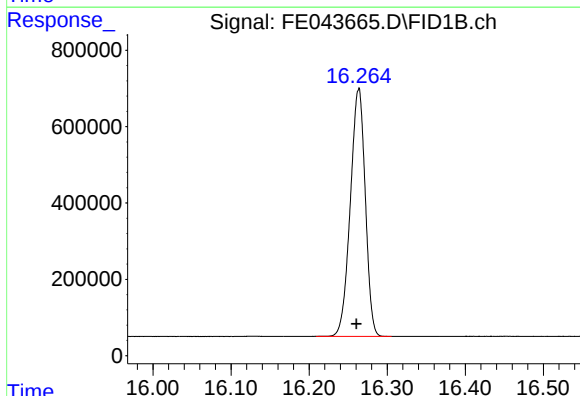
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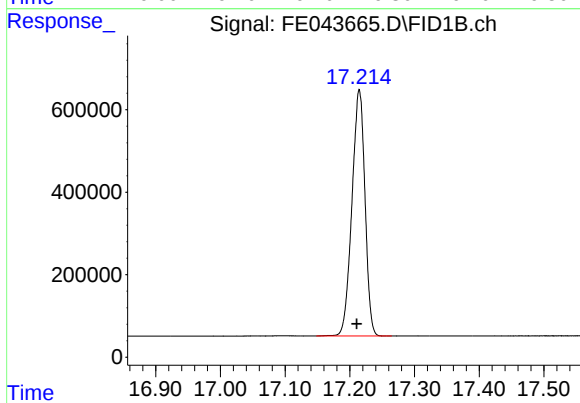
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: 0.004 min
Response: 8789128
Conc: 50.22 ug/ml



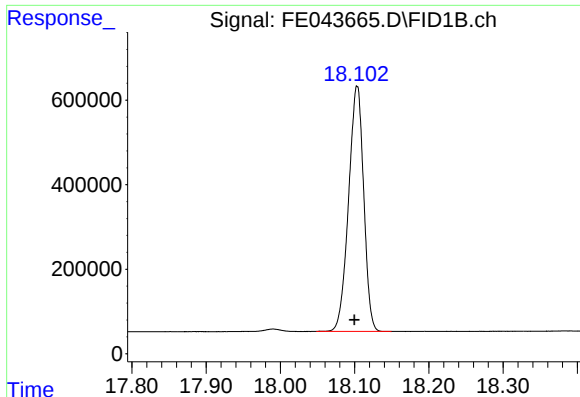
#15 n-Hexacosane (C26)

R.T.: 16.264 min
Delta R.T.: 0.003 min
Response: 8634591
Conc: 50.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.215 min
Delta R.T.: 0.004 min
Response: 8349454
Conc: 50.18 ug/ml



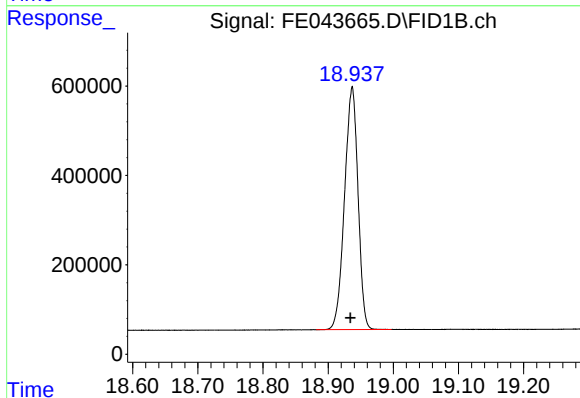
#17 n-Tricontane (C30)

R.T.: 18.103 min
Delta R.T.: 0.004 min
Response: 8208699
Conc: 50.07 ug/ml

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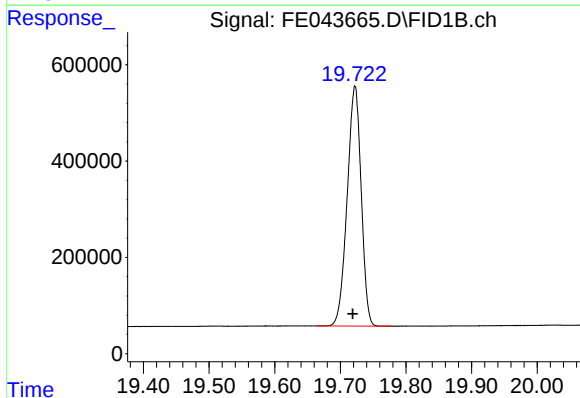
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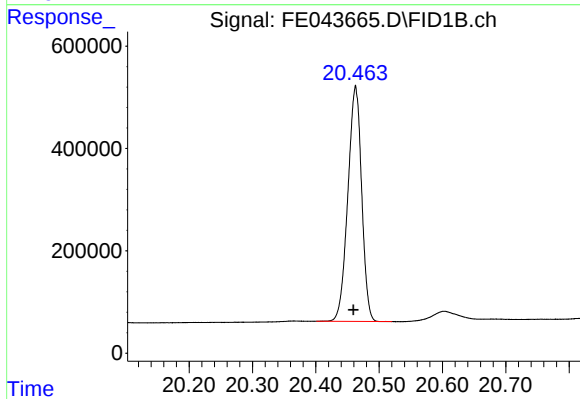
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: 0.003 min
Response: 7803508
Conc: 50.07 ug/ml



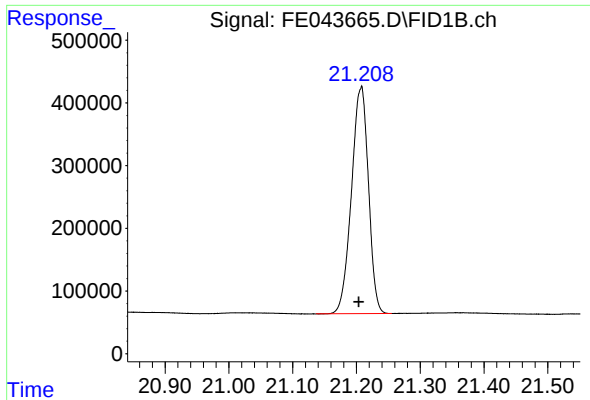
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: 0.004 min
Response: 7387273
Conc: 50.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: 0.003 min
Response: 6953957
Conc: 50.16 ug/ml



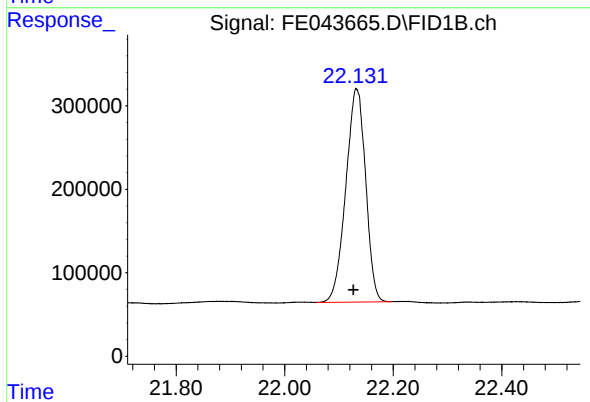
#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: 0.004 min
Response: 6691817
Conc: 50.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.131 min
Delta R.T.: 0.004 min
Response: 6476442
Conc: 50.34 ug/ml m