

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080923AL\
 Data File : FE043821.D
 Signal(s) : FID1B.ch
 Acq On : 09 Aug 2023 10:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 10 00:02:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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	3953440	19.185 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
12) S 1-chlorooctadecane (S...	13.383	2957656	18.954 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
Target Compounds			
1) T n-Nonane (C9)	3.330	3281698	20.322 ug/ml
2) T n-Decane (C10)	4.581	3384480	20.535 ug/ml
3) T A~Naphthalene (C11.7)	6.282	3720277	20.433 ug/ml
4) T n-Dodecane (C12)	6.745	3449103	20.609 ug/ml
5) T A~2-methylnaphthalene...	7.377	3619920	20.333 ug/ml
6) T n-Tetradecane (C14)	8.572	3453431	20.497 ug/ml
7) T n-Hexadecane (C16)	10.182	3562605	20.196 ug/ml
8) T n-Octadecane (C18)	11.627	3584077	19.785 ug/ml
10) T n-Eicosane (C20)	12.938	3421129	19.332 ug/ml
11) T n-Heneicosane (C21)	13.551	3348311	18.910 ug/ml
13) T n-Docosane (C22)	14.138	3306594	18.852 ug/ml
14) T n-Tetracosane (C24)	15.242	3243917	18.463 ug/ml
15) T n-Hexacosane (C26)	16.265	3126708	18.091 ug/ml
16) T n-Octacosane (C28)	17.217	2986830	17.851 ug/ml
17) T n-Tricontane (C30)	18.106	2973776	17.955 ug/ml
18) T n-Dotriacontane (C32)	18.941	2872906	18.195 ug/ml
19) T n-Tetratriacontane (C34)	19.727	2753014	18.527 ug/ml
20) T n-Hexatriacontane (C36)	20.469	2648429	18.947 ug/ml
21) T n-Octatriacontane (C38)	21.216	2657446	19.920 ug/ml
22) T n-Tetracontane (C40)	22.142	2902208	22.493 ug/ml

(f)=RT Delta > 1/2 Window

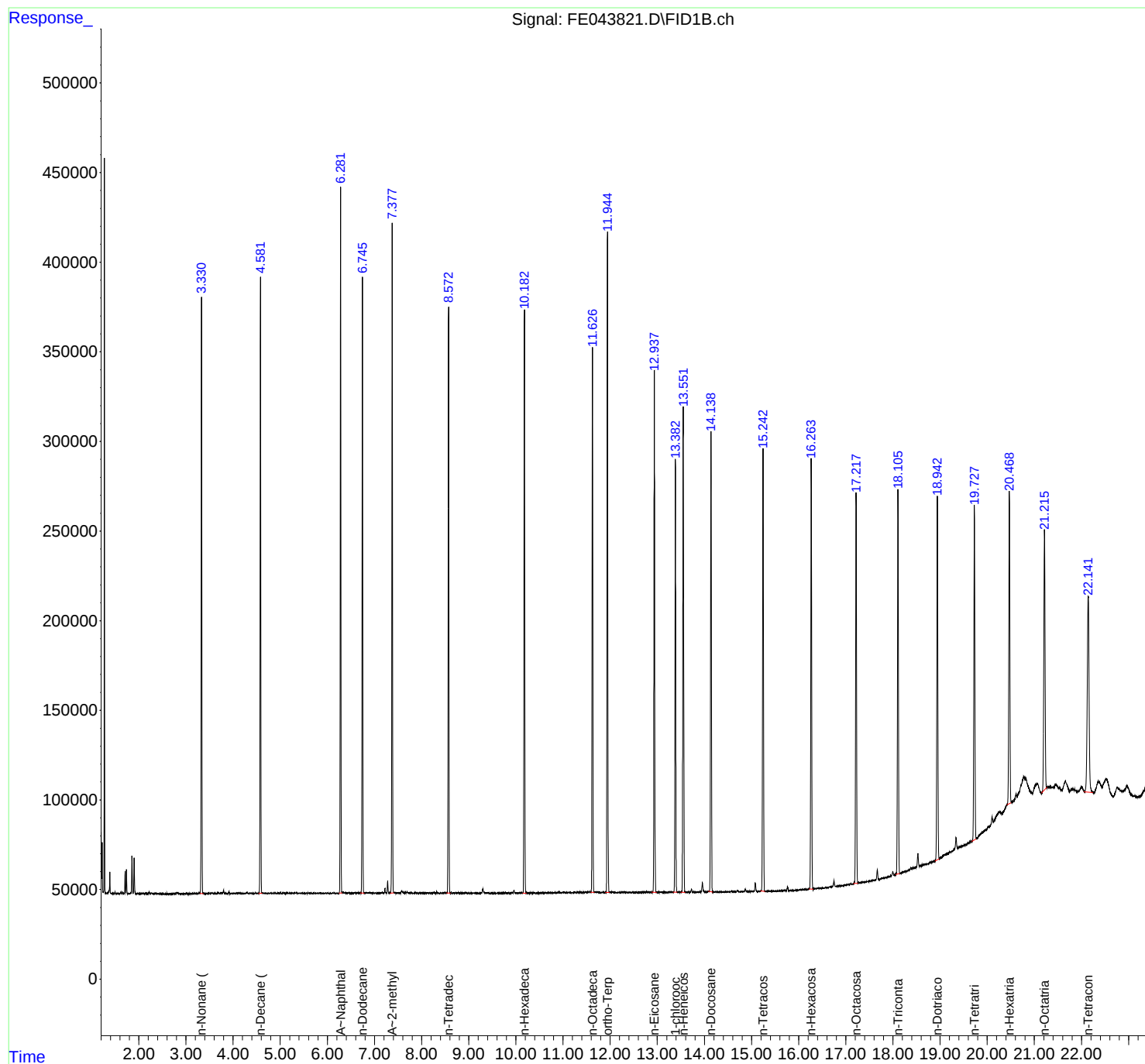
(m)=manual int.

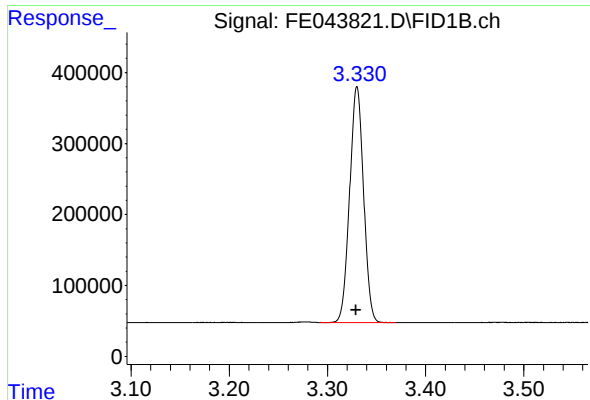
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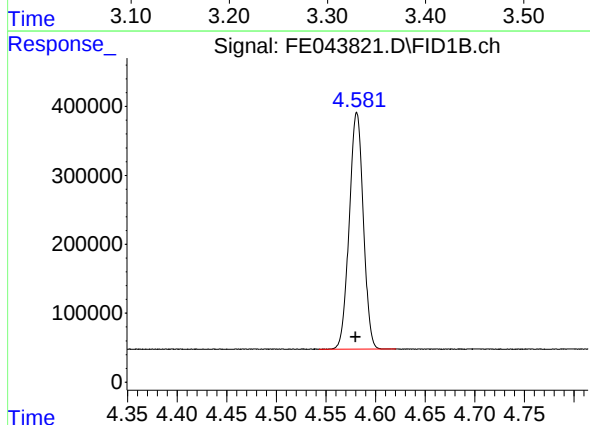




#1 n-Nonane (C9)

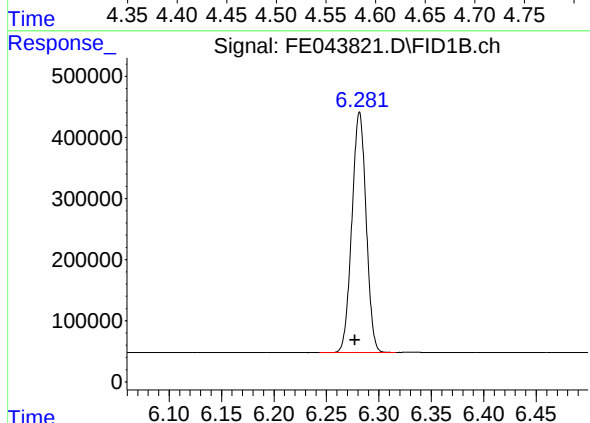
R.T.: 3.330 min
Delta R.T.: 0.001 min
Response: 3281698
Conc: 20.32 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



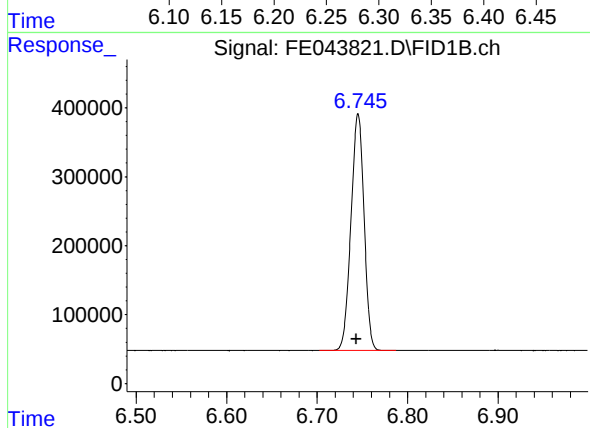
#2 n-Decane (C10)

R.T.: 4.581 min
Delta R.T.: 0.001 min
Response: 3384480
Conc: 20.54 ug/ml



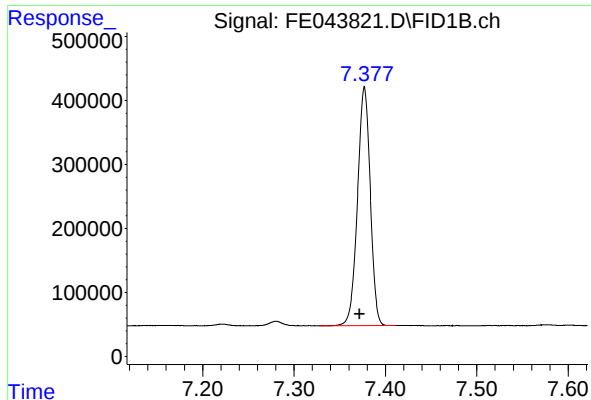
#3 A~Naphthalene (C11.7)

R.T.: 6.282 min
Delta R.T.: 0.004 min
Response: 3720277
Conc: 20.43 ug/ml



#4 n-Dodecane (C12)

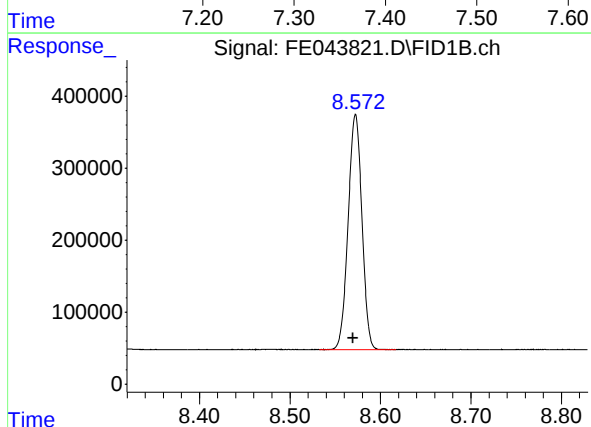
R.T.: 6.745 min
Delta R.T.: 0.002 min
Response: 3449103
Conc: 20.61 ug/ml



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

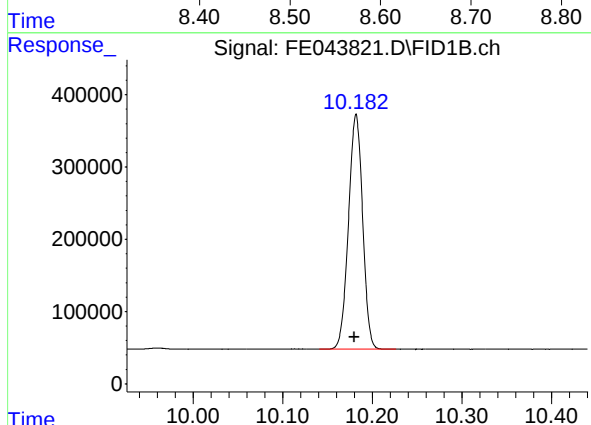
R.T.: 7.377 min
Delta R.T.: 0.005 min
Response: 3619920
Conc: 20.33 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



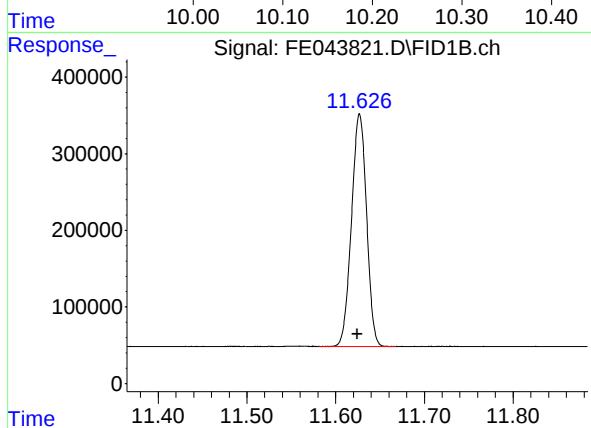
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: 0.003 min
Response: 3453431
Conc: 20.50 ug/ml



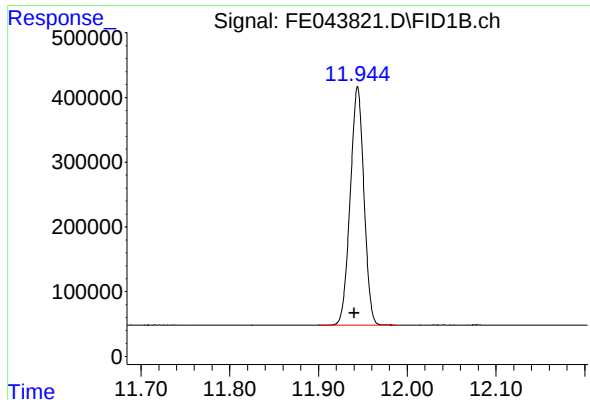
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: 0.002 min
Response: 3562605
Conc: 20.20 ug/ml



#8 n-Octadecane (C18)

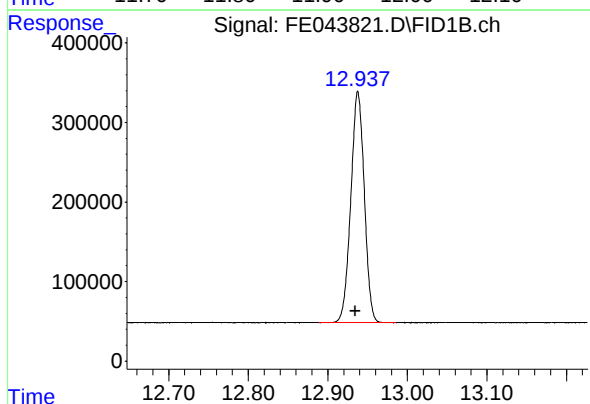
R.T.: 11.627 min
Delta R.T.: 0.003 min
Response: 3584077
Conc: 19.79 ug/ml



#9 ortho-Terphenyl (SURR)

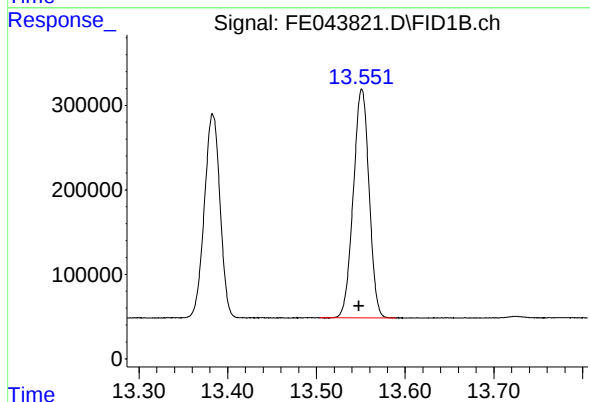
R.T.: 11.944 min
Delta R.T.: 0.004 min
Response: 3953440
Conc: 19.18 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



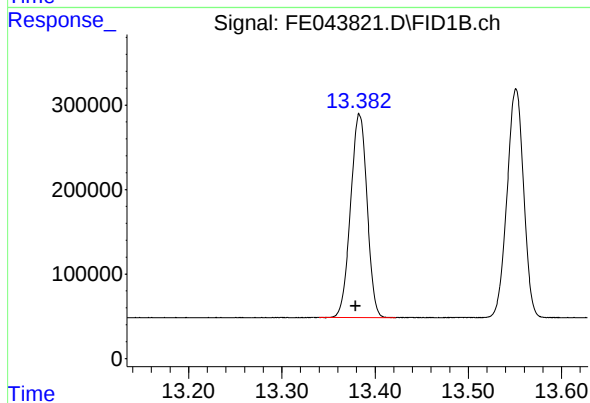
#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: 0.003 min
Response: 3421129
Conc: 19.33 ug/ml



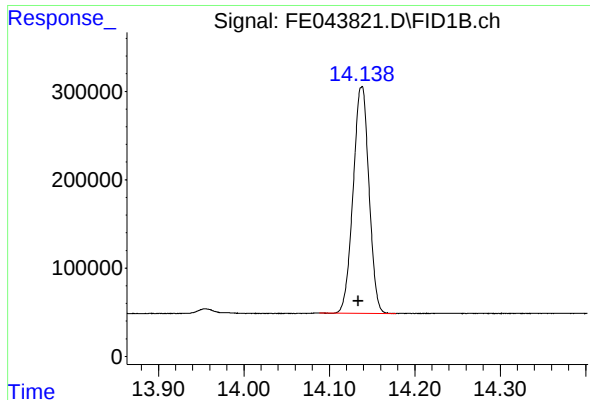
#11 n-Heneicosane (C21)

R.T.: 13.551 min
Delta R.T.: 0.003 min
Response: 3348311
Conc: 18.91 ug/ml



#12 1-chlorooctadecane (SURR)

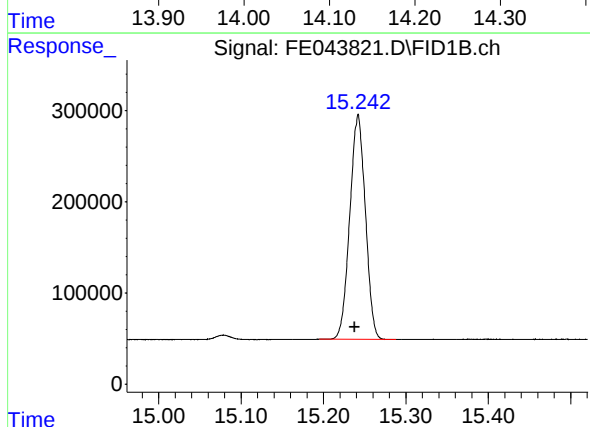
R.T.: 13.383 min
Delta R.T.: 0.004 min
Response: 2957656
Conc: 18.95 ug/ml



#13 n-Docosane (C22)

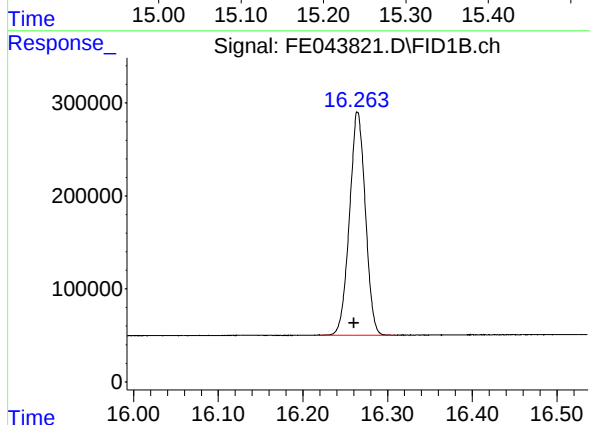
R.T.: 14.138 min
Delta R.T.: 0.004 min
Response: 3306594
Conc: 18.85 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



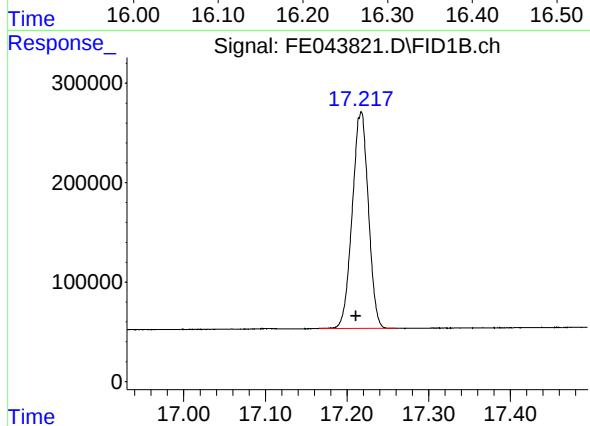
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: 0.004 min
Response: 3243917
Conc: 18.46 ug/ml



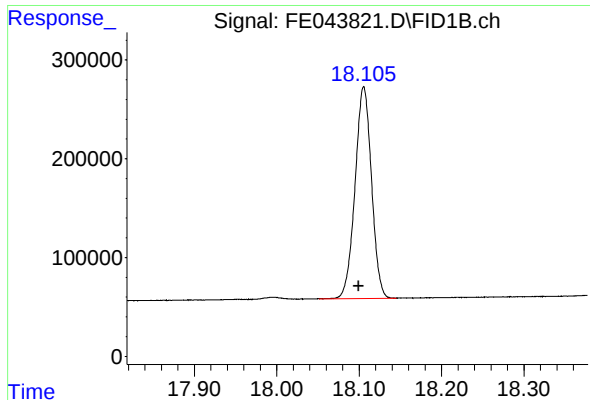
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: 0.004 min
Response: 3126708
Conc: 18.09 ug/ml



#16 n-Octacosane (C28)

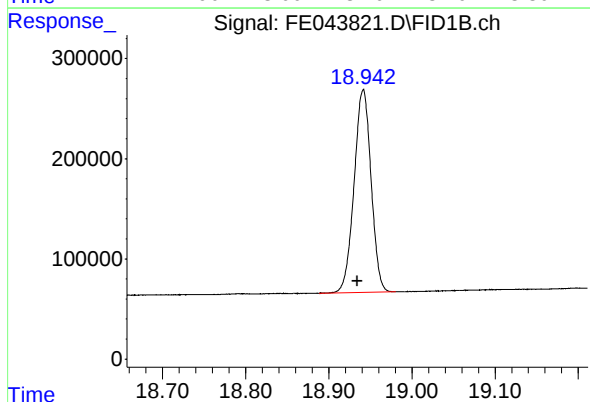
R.T.: 17.217 min
Delta R.T.: 0.007 min
Response: 2986830
Conc: 17.85 ug/ml



#17 n-Tricontane (C30)

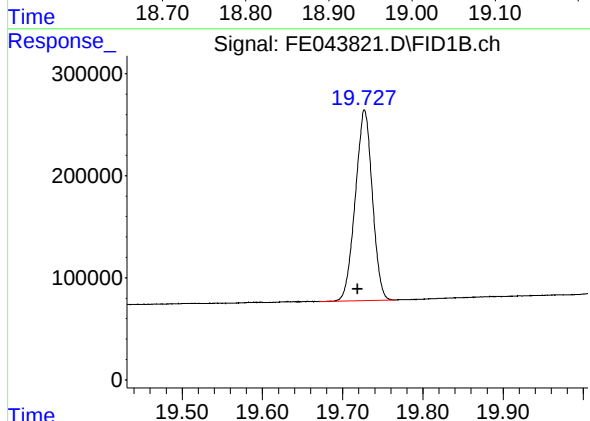
R.T.: 18.106 min
Delta R.T.: 0.006 min
Response: 2973776
Conc: 17.95 ug/ml

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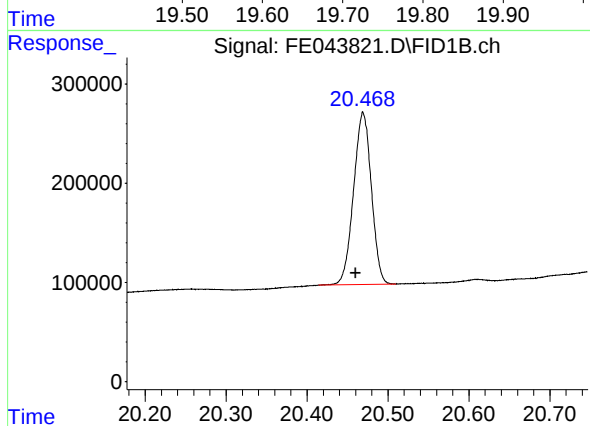
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: 0.007 min
Response: 2872906
Conc: 18.20 ug/ml



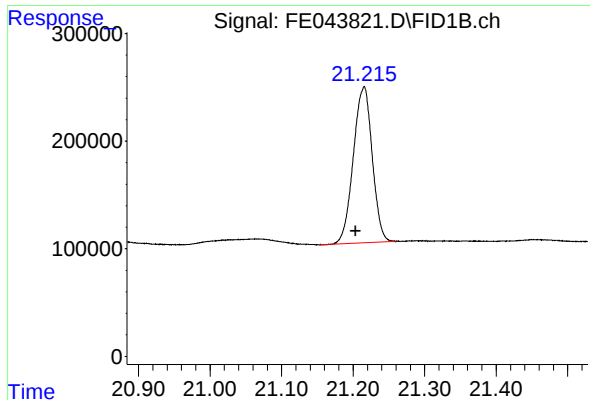
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: 0.008 min
Response: 2753014
Conc: 18.53 ug/ml



#20 n-Hexatriacontane (C36)

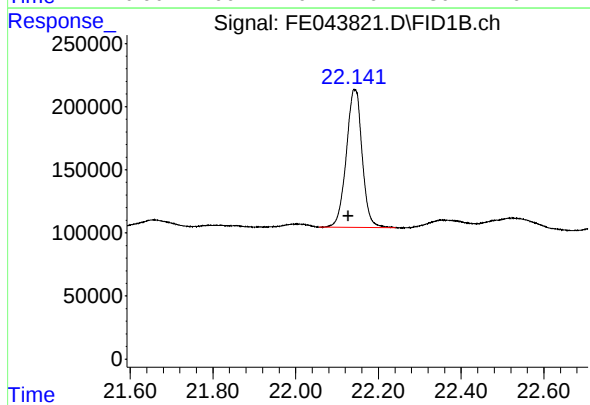
R.T.: 20.469 min
Delta R.T.: 0.009 min
Response: 2648429
Conc: 18.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.216 min
Delta R.T.: 0.012 min
Response: 2657446
Conc: 19.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: 0.015 min
Response: 2902208
Conc: 22.49 ug/ml