

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062722AL\
 Data File : FE036232.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jun 2022 13:27
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2022
 Supervised By :Ankita Jodhani 06/28/2022

Integration File: autoint1.e
 Quant Time: Jun 28 03:10:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 2022
 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)	11.882	3674020	18.389 ug/ml
Spiked Amount 50.000		Recovery =	36.78%
12) S 1-chlorooctadecane (S...	13.321	2861436	18.483 ug/ml
Spiked Amount 50.000		Recovery =	36.97%
Target Compounds			
1) T n-Nonane (C9)	3.267	3319778	18.458 ug/ml
2) T n-Decane (C10)	4.523	3333976	18.547 ug/ml
3) T A~Naphthalene (C11.7)	6.226	3728417	18.583 ug/ml
4) T n-Dodecane (C12)	6.692	3448278	18.617 ug/ml
5) T A~2-methylnaphthalene...	7.323	3793146	18.633 ug/ml
6) T n-Tetradecane (C14)	8.519	3491855	18.678 ug/ml
7) T n-Hexadecane (C16)	10.125	3481715	18.592 ug/ml
8) T n-Octadecane (C18)	11.568	3448288	18.535 ug/ml
10) T n-Eicosane (C20)	12.877	3344356	18.461 ug/ml
11) T n-Heneicosane (C21)	13.489	3308359	18.418 ug/ml
13) T n-Docosane (C22)	14.075	3264578	18.465 ug/ml
14) T n-Tetracosane (C24)	15.177	3173558	18.529 ug/ml
15) T n-Hexacosane (C26)	16.200	3062121	18.534 ug/ml
16) T n-Octacosane (C28)	17.149	2969288	18.549 ug/ml
17) T n-Tricontane (C30)	18.038	2918819	18.853 ug/ml
18) T n-Dotriacontane (C32)	18.871	2852650	19.520 ug/mlm
19) T n-Tetratriacontane (C34)	19.654	2706152	19.556 ug/mlm
20) T n-Hexatriacontane (C36)	20.392	2828945	21.073 ug/mlm
21) T n-Octatriacontane (C38)	21.124	2655282	19.966 ug/mlm
22) T n-Tetracontane (C40)	22.026	2573143	18.402 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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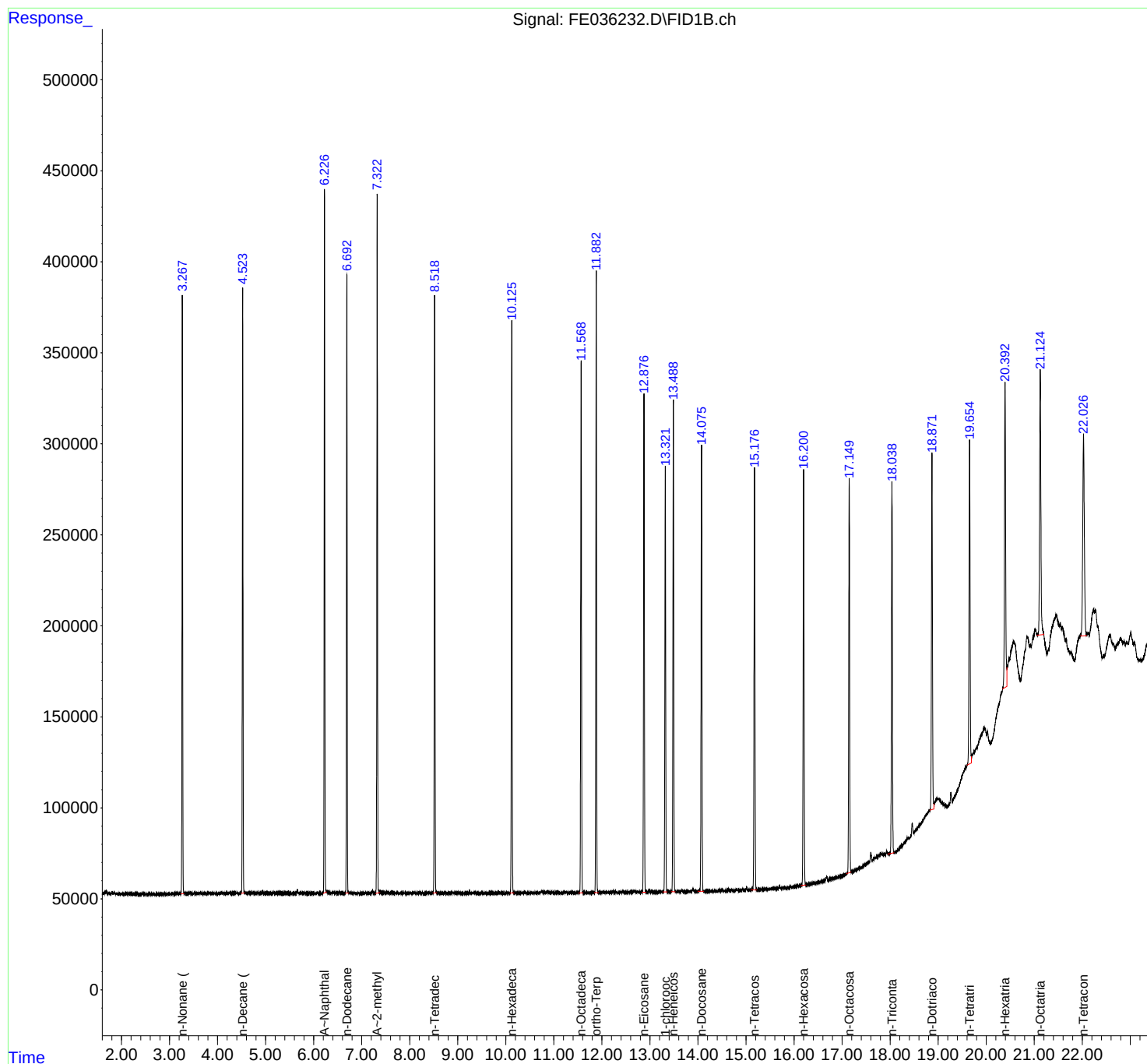
Instrument :
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20 PPM ALIPHATIC HC STD

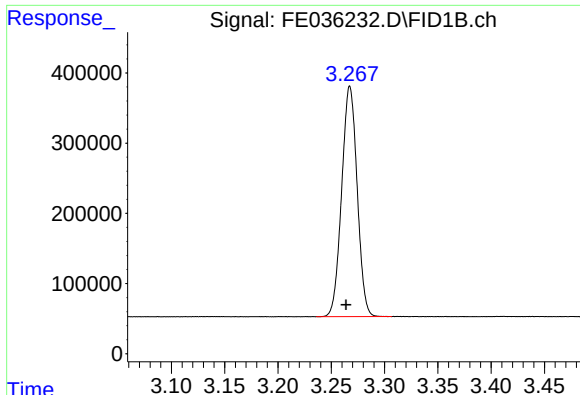
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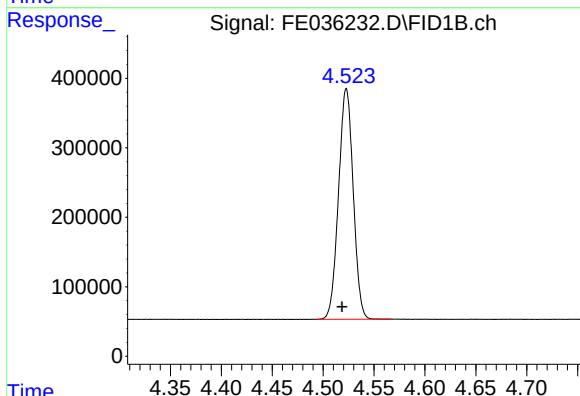
#1 n-Nonane (C9)

R.T.: 3.267 min
Delta R.T.: 0.003 min
Response: 3319778
Conc: 18.46 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

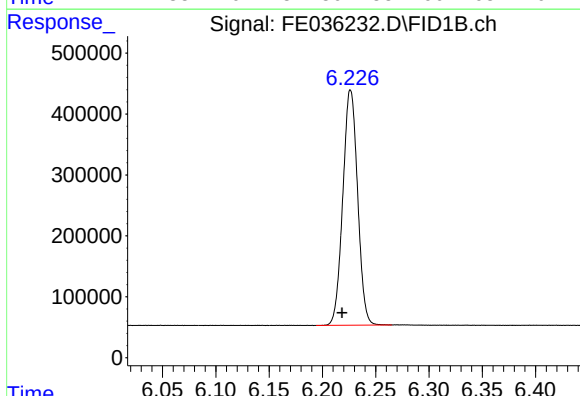
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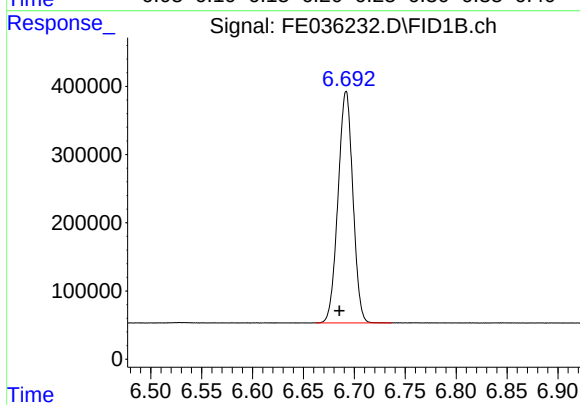
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: 0.004 min
Response: 3333976
Conc: 18.55 ug/ml



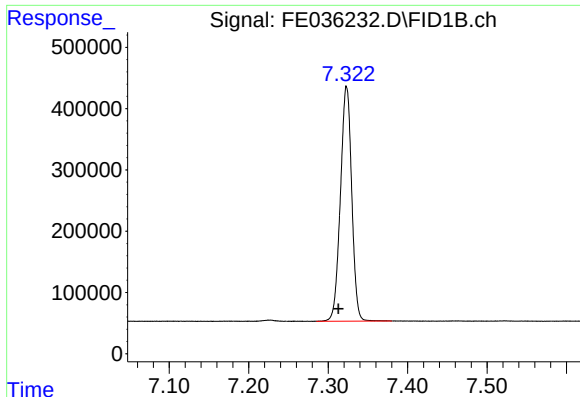
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: 0.008 min
Response: 3728417
Conc: 18.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.692 min
Delta R.T.: 0.007 min
Response: 3448278
Conc: 18.62 ug/ml



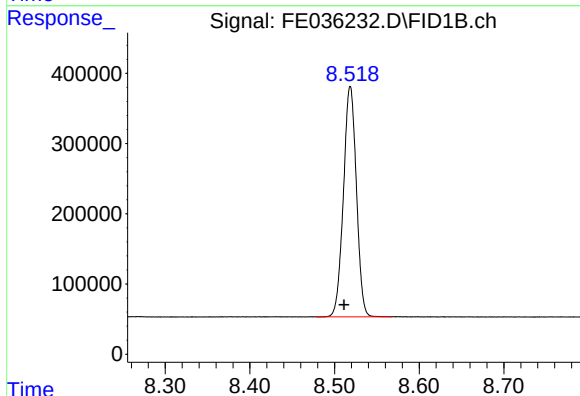
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.323 min
Delta R.T.: 0.010 min
Response: 3793146
Conc: 18.63 ug/ml

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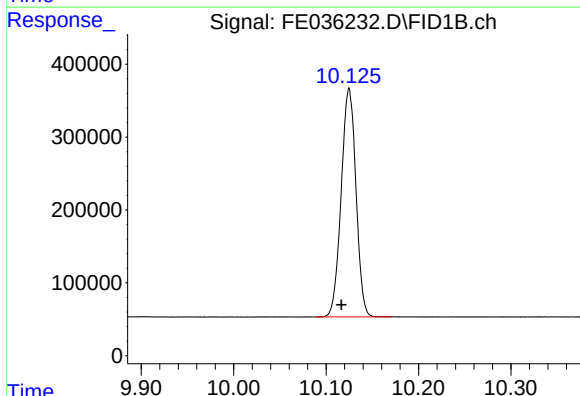
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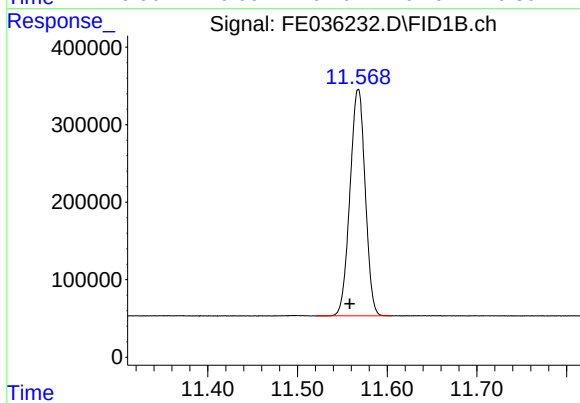
#6 n-Tetradecane (C14)

R.T.: 8.519 min
Delta R.T.: 0.007 min
Response: 3491855
Conc: 18.68 ug/ml



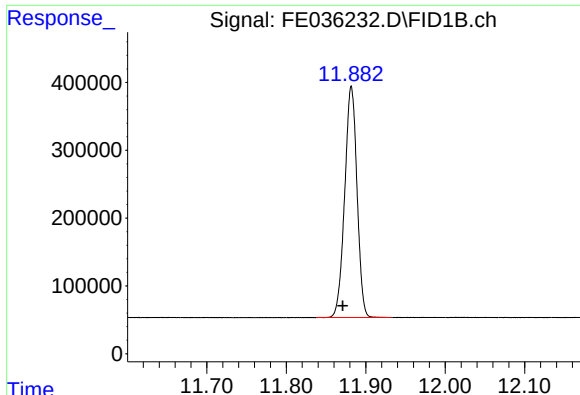
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: 0.008 min
Response: 3481715
Conc: 18.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.568 min
Delta R.T.: 0.010 min
Response: 3448288
Conc: 18.53 ug/ml



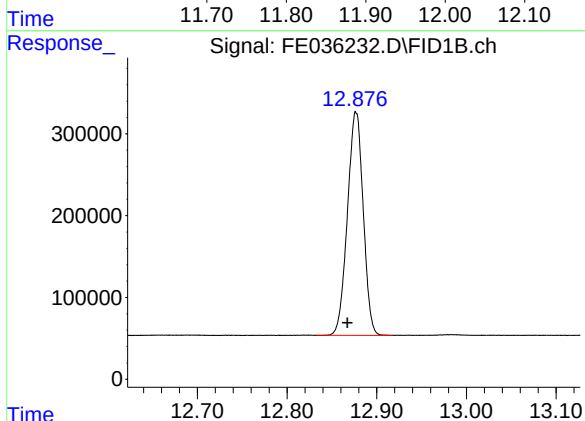
#9 ortho-Terphenyl (SURR)

R.T.: 11.882 min
Delta R.T.: 0.011 min
Response: 3674020
Conc: 18.39 ug/ml

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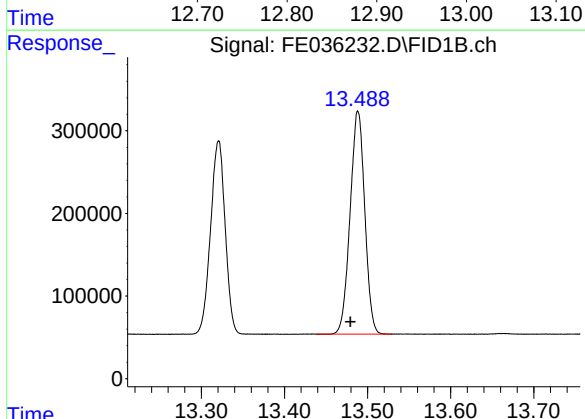
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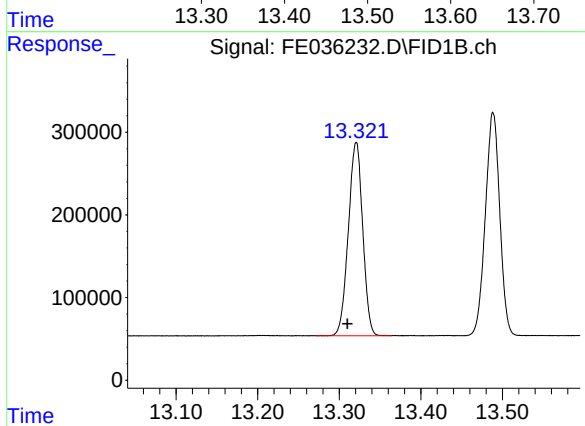
#10 n-Eicosane (C20)

R.T.: 12.877 min
Delta R.T.: 0.010 min
Response: 3344356
Conc: 18.46 ug/ml



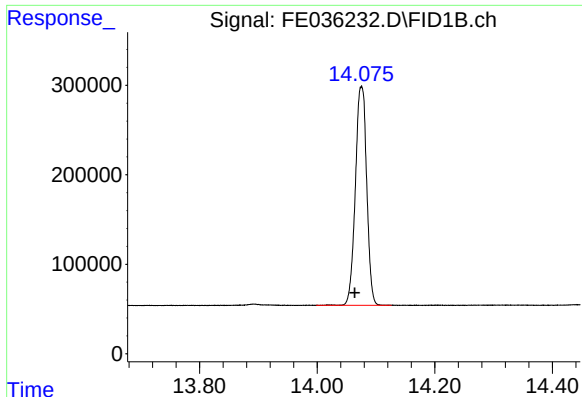
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: 0.009 min
Response: 3308359
Conc: 18.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.321 min
Delta R.T.: 0.011 min
Response: 2861436
Conc: 18.48 ug/ml



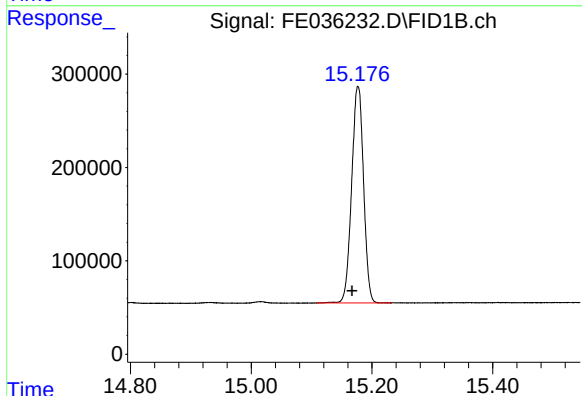
#13 n-Docosane (C22)

R.T.: 14.075 min
Delta R.T.: 0.011 min
Response: 3264578
Conc: 18.46 ug/ml

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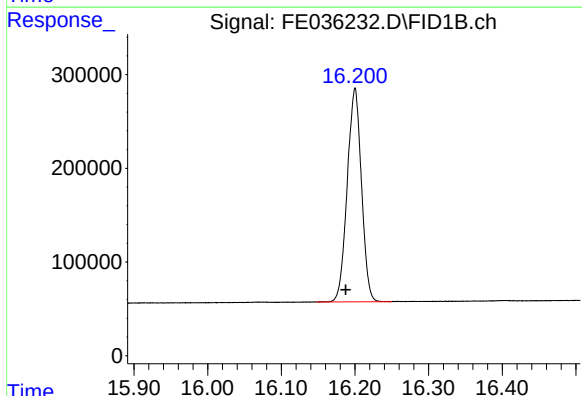
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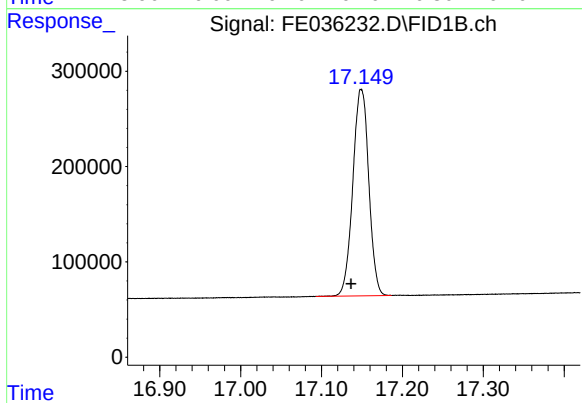
#14 n-Tetracosane (C24)

R.T.: 15.177 min
Delta R.T.: 0.010 min
Response: 3173558
Conc: 18.53 ug/ml



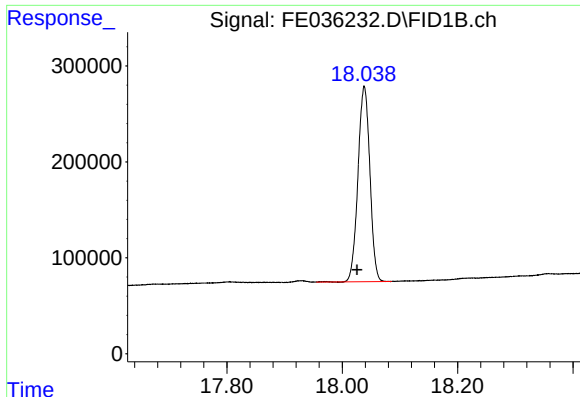
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: 0.013 min
Response: 3062121
Conc: 18.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.149 min
Delta R.T.: 0.012 min
Response: 2969288
Conc: 18.55 ug/ml



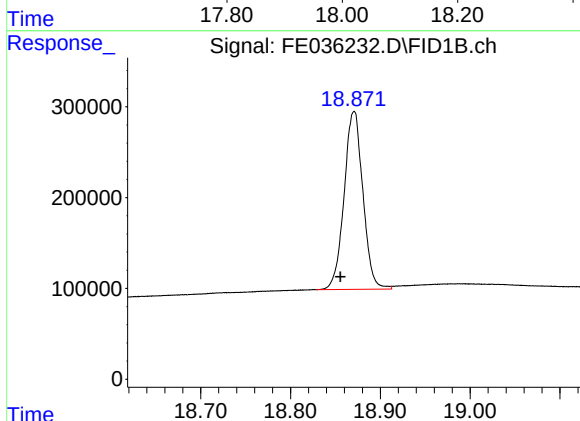
#17 n-Tricontane (C30)

R.T.: 18.038 min
Delta R.T.: 0.013 min
Response: 2918819
Conc: 18.85 ug/ml

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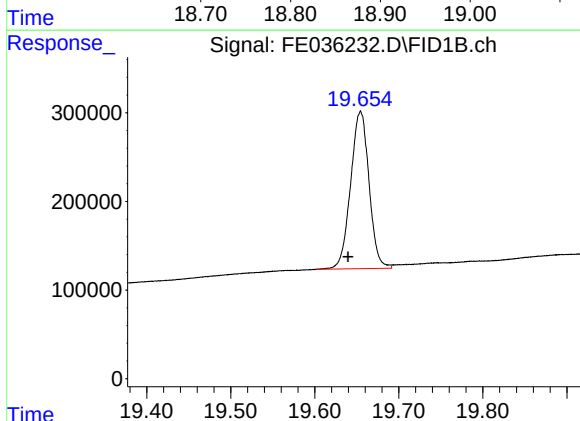
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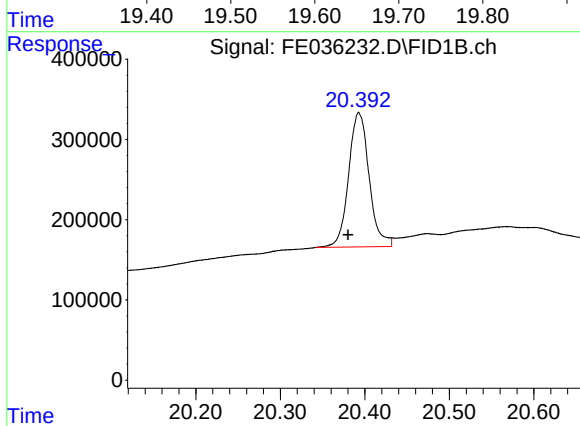
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: 0.015 min
Response: 2852650
Conc: 19.52 ug/ml m



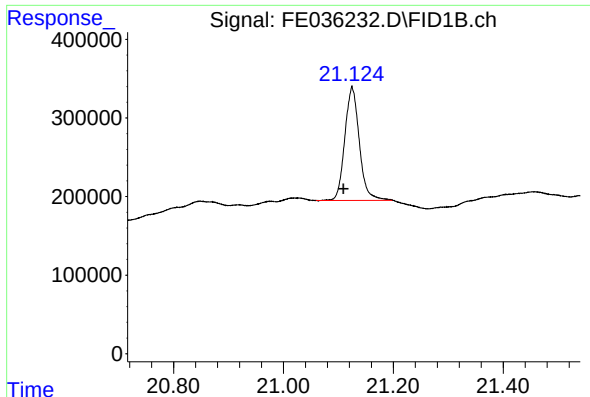
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min
Delta R.T.: 0.015 min
Response: 2706152
Conc: 19.56 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: 0.012 min
Response: 2828945
Conc: 21.07 ug/ml m



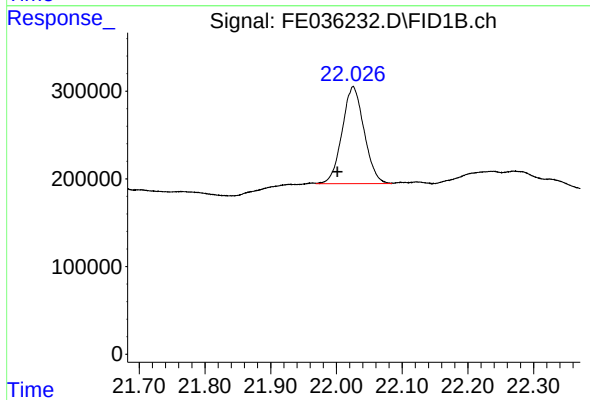
#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: 0.015 min
Response: 2655282
Conc: 19.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.026 min
Delta R.T.: 0.024 min
Response: 2573143
Conc: 18.40 ug/ml m