

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111323AL\
 Data File : FE045330.D
 Signal(s) : FID1B.ch
 Acq On : 14 Nov 2023 02:17
 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 11/14/2023
 Supervised By :Ankita Jodhani 11/14/2023

Integration File: autoint1.e
 Quant Time: Nov 14 02:41:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.877	3856732	20.200 ug/ml
Spiked Amount 50.000		Recovery =	40.40%
12) S 1-chlorooctadecane (S...	13.320	2781712	20.196 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
Target Compounds			
1) T n-Nonane (C9)	3.266	3329687	20.156 ug/ml
2) T n-Decane (C10)	4.517	3431034	20.462 ug/ml
3) T A~Naphthalene (C11.7)	6.216	3601194	20.175 ug/ml
4) T n-Dodecane (C12)	6.683	3452047	20.440 ug/ml
5) T A~2-methylnaphthalene...	7.312	3453665	20.112 ug/ml
6) T n-Tetradecane (C14)	8.509	3371193	20.227 ug/ml
7) T n-Hexadecane (C16)	10.119	3389093	20.149 ug/ml
8) T n-Octadecane (C18)	11.564	3348736	20.008 ug/ml
10) T n-Eicosane (C20)	12.875	3176258	20.051 ug/ml
11) T n-Heneicosane (C21)	13.488	3086123	20.071 ug/ml
13) T n-Docosane (C22)	14.076	3052011	20.143 ug/ml
14) T n-Tetracosane (C24)	15.179	3031329	20.467 ug/ml
15) T n-Hexacosane (C26)	16.202	3009507	20.648 ug/ml
16) T n-Octacosane (C28)	17.154	3078994	21.070 ug/ml
17) T n-Tricontane (C30)	18.043	3313387	21.813 ug/ml
18) T n-Dotriacontane (C32)	18.877	3476497	22.254 ug/ml
19) T n-Tetratriacontane (C34)	19.662	3397683	21.761 ug/ml
20) T n-Hexatriacontane (C36)	20.406	3475434	21.411 ug/ml
21) T n-Octatriacontane (C38)	21.140	3559321	21.423 ug/mlm
22) T n-Tetracontane (C40)	22.048	3274838	19.173 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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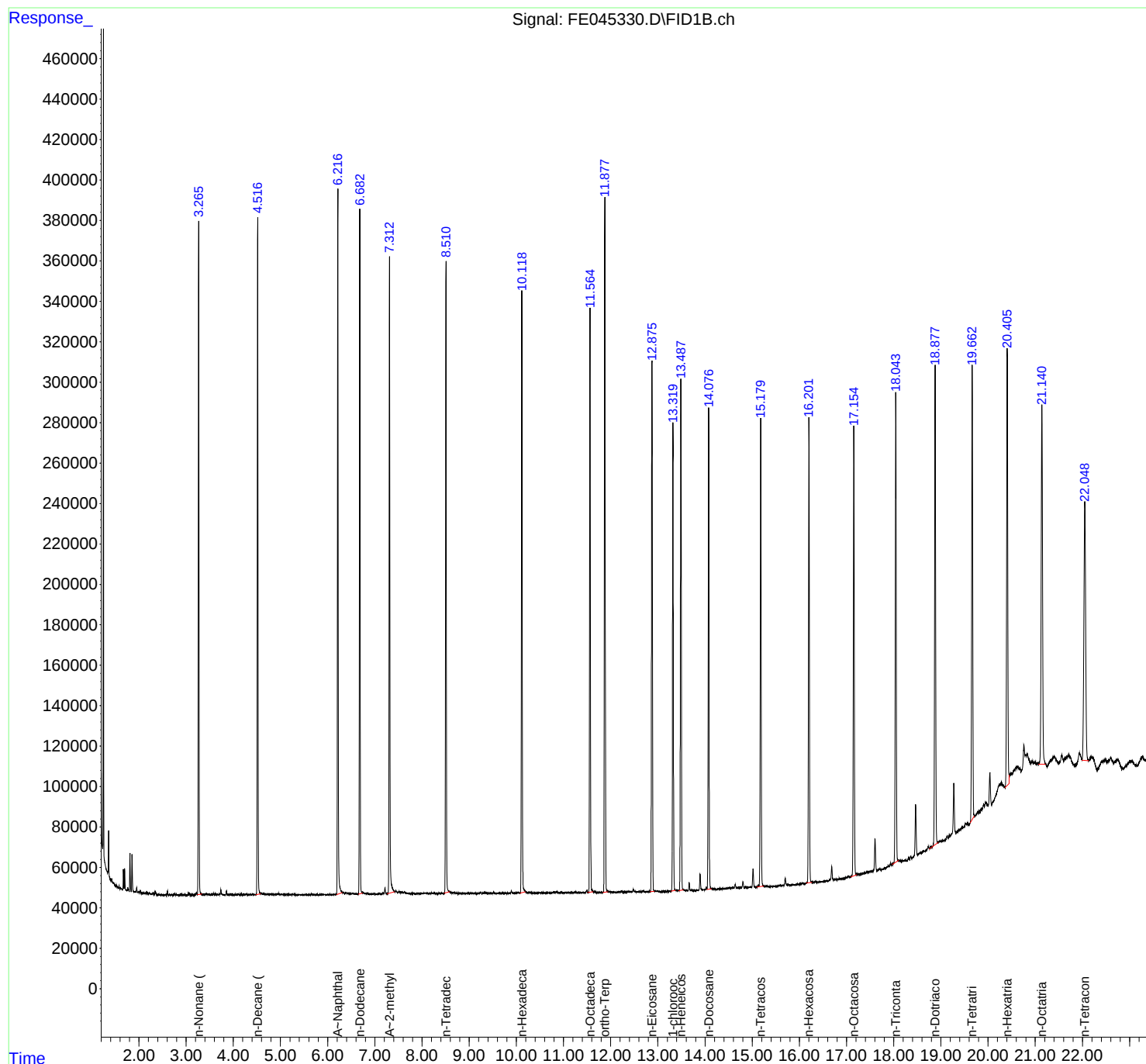
Instrument :
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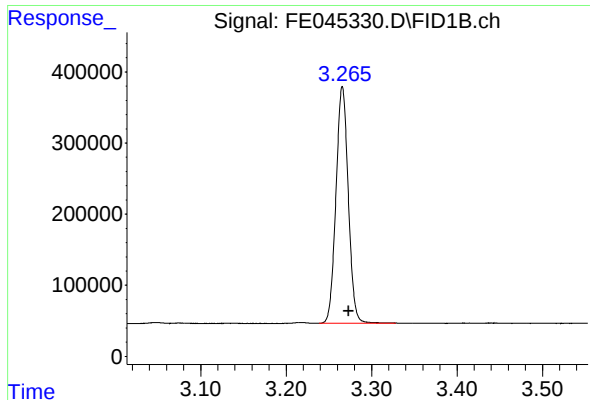
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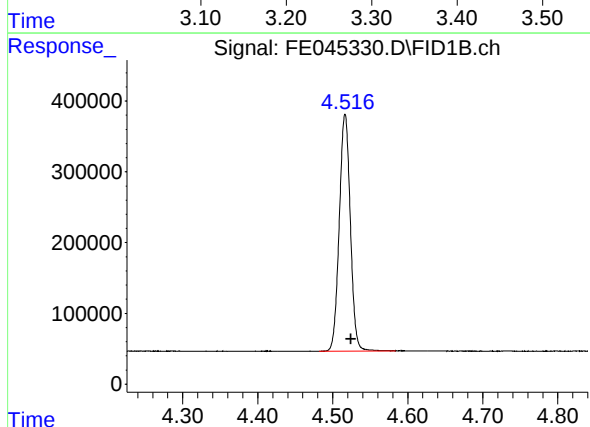
#1 n-Nonane (C9)

R.T.: 3.266 min
Delta R.T.: -0.007 min
Response: 3329687
Conc: 20.16 ug/ml

Instrument :
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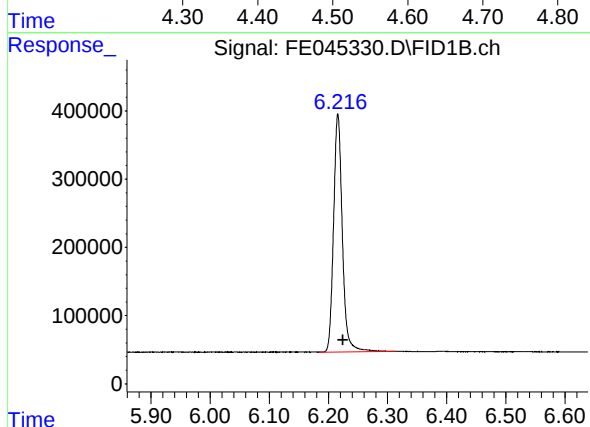
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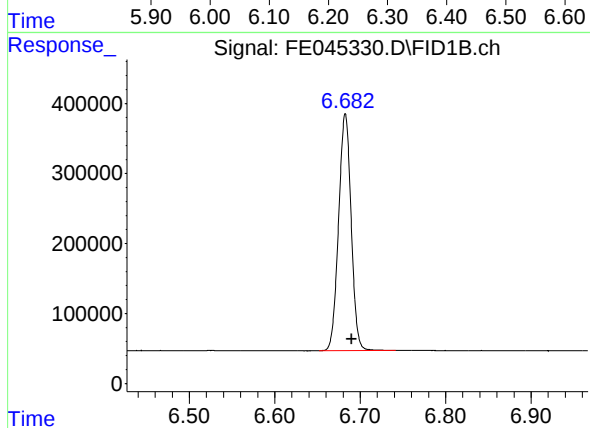
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: -0.008 min
Response: 3431034
Conc: 20.46 ug/ml



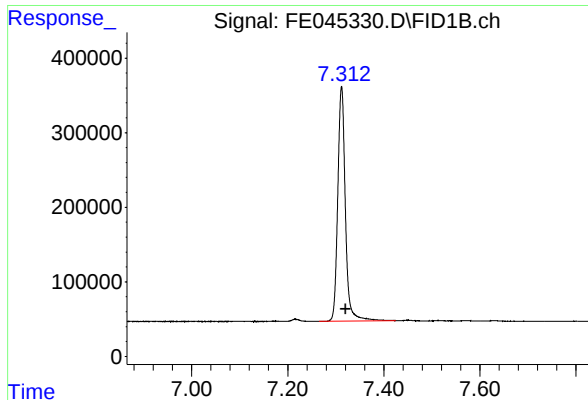
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: -0.009 min
Response: 3601194
Conc: 20.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.683 min
Delta R.T.: -0.008 min
Response: 3452047
Conc: 20.44 ug/ml



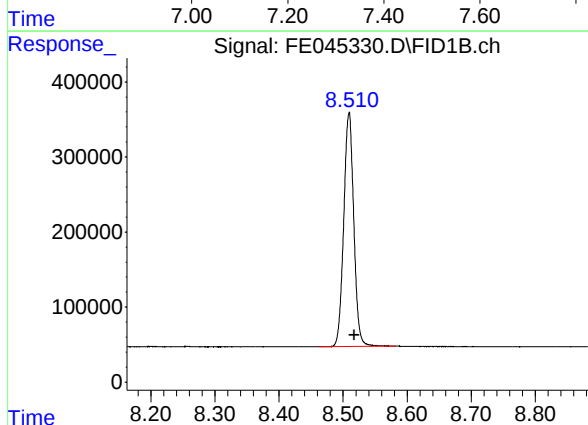
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.312 min
Delta R.T.: -0.009 min
Response: 3453665
Conc: 20.11 ug/ml

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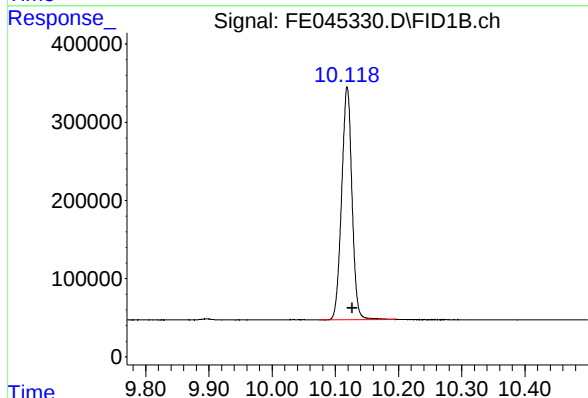
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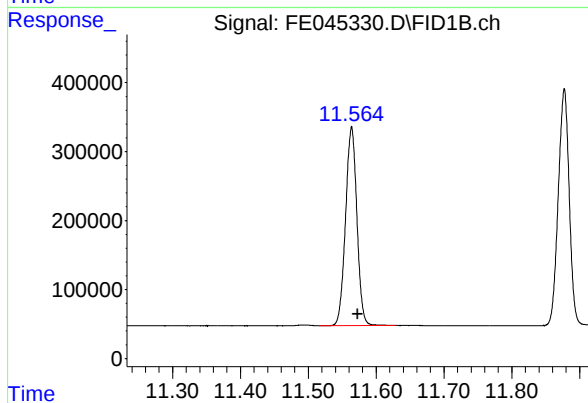
#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: -0.008 min
Response: 3371193
Conc: 20.23 ug/ml



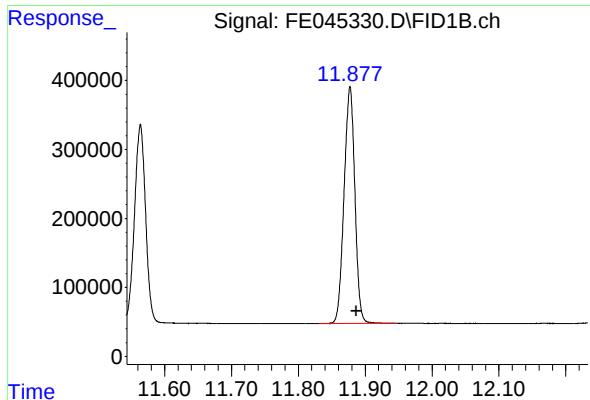
#7 n-Hexadecane (C16)

R.T.: 10.119 min
Delta R.T.: -0.008 min
Response: 3389093
Conc: 20.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.564 min
Delta R.T.: -0.009 min
Response: 3348736
Conc: 20.01 ug/ml



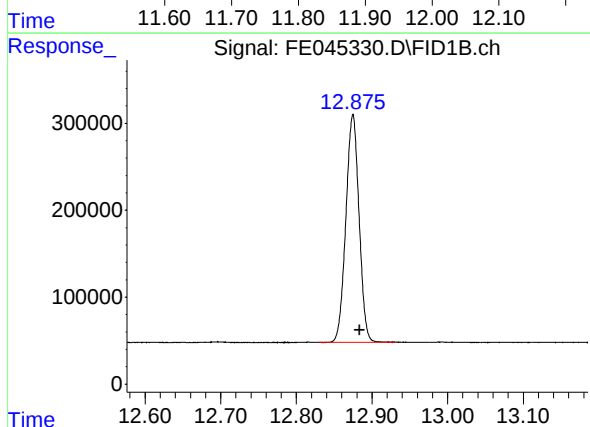
#9 ortho-Terphenyl (SURR)

R.T.: 11.877 min
Delta R.T.: -0.009 min
Response: 3856732
Conc: 20.20 ug/ml

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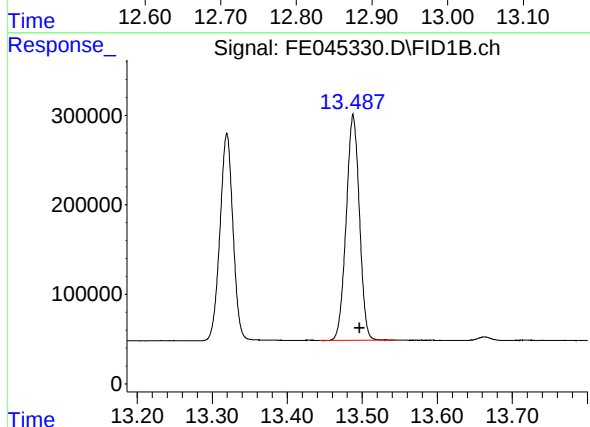
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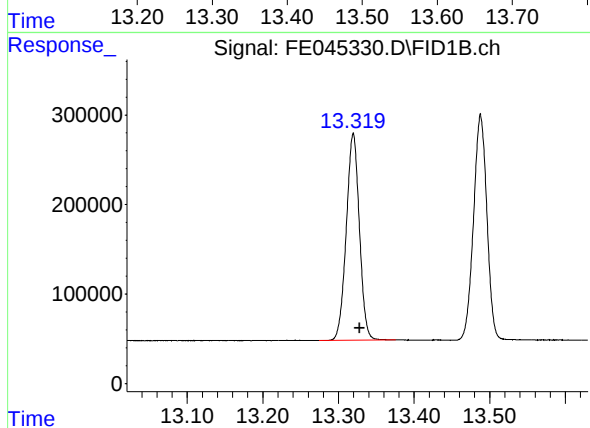
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: -0.009 min
Response: 3176258
Conc: 20.05 ug/ml



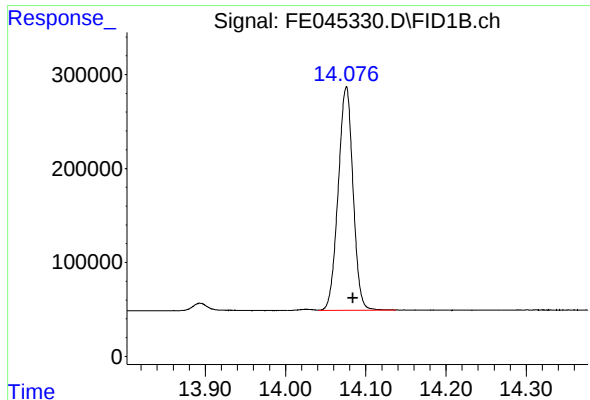
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: -0.009 min
Response: 3086123
Conc: 20.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.320 min
Delta R.T.: -0.008 min
Response: 2781712
Conc: 20.20 ug/ml



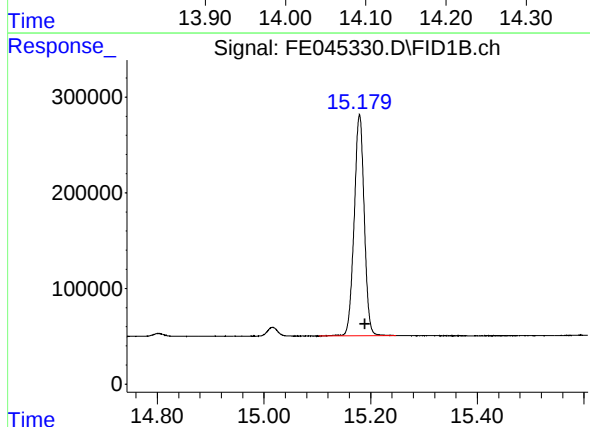
#13 n-Docosane (C22)

R.T.: 14.076 min
Delta R.T.: -0.008 min
Response: 3052011
Conc: 20.14 ug/ml

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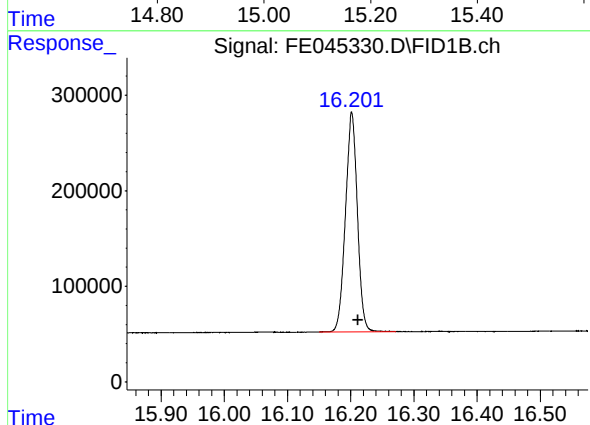
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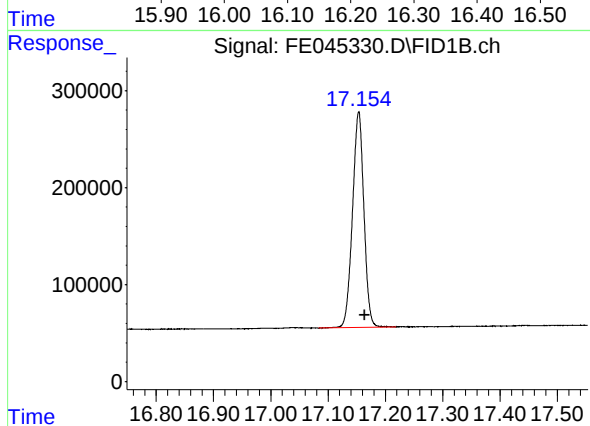
#14 n-Tetracosane (C24)

R.T.: 15.179 min
Delta R.T.: -0.010 min
Response: 3031329
Conc: 20.47 ug/ml



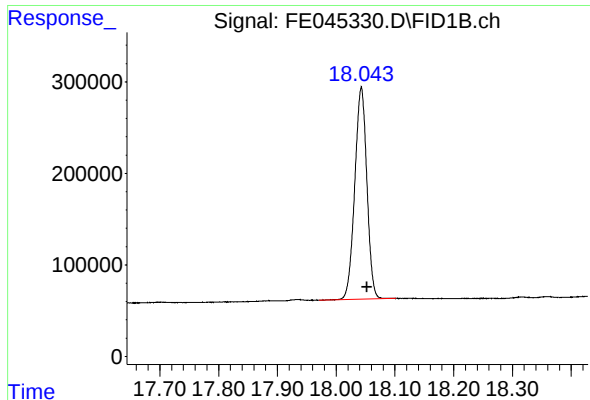
#15 n-Hexacosane (C26)

R.T.: 16.202 min
Delta R.T.: -0.010 min
Response: 3009507
Conc: 20.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.154 min
Delta R.T.: -0.010 min
Response: 3078994
Conc: 21.07 ug/ml



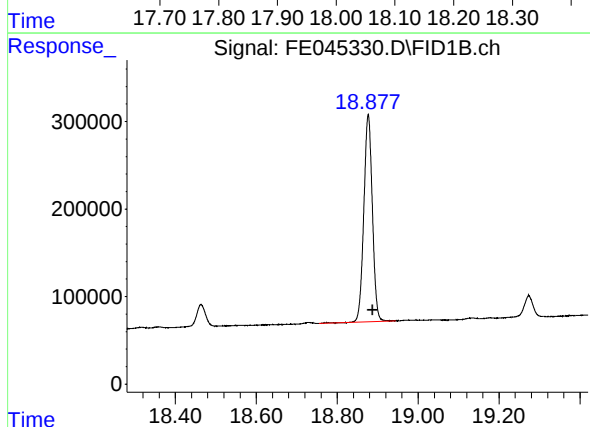
#17 n-Tricontane (C30)

R.T.: 18.043 min
Delta R.T.: -0.010 min
Response: 3313387
Conc: 21.81 ug/ml

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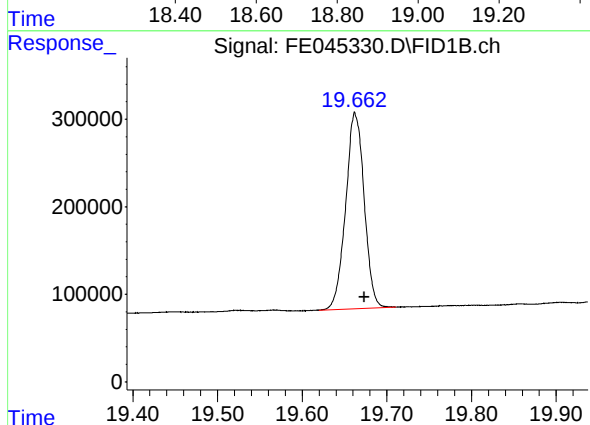
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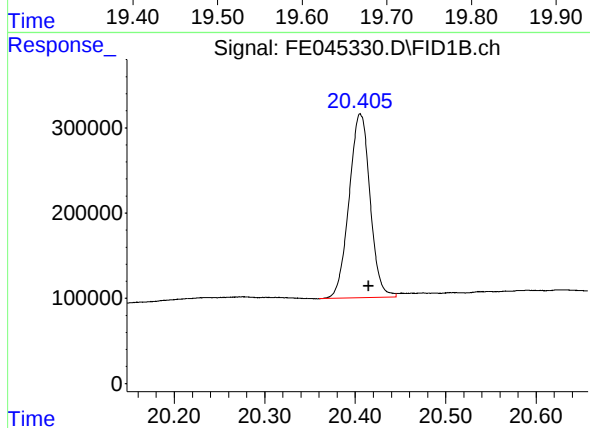
#18 n-Dotriacontane (C32)

R.T.: 18.877 min
Delta R.T.: -0.011 min
Response: 3476497
Conc: 22.25 ug/ml



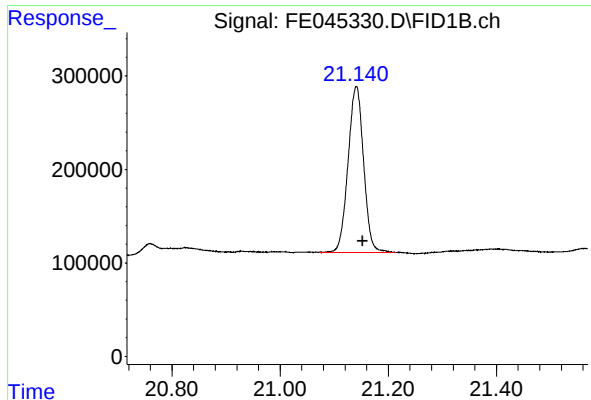
#19 n-Tetratriacontane (C34)

R.T.: 19.662 min
Delta R.T.: -0.011 min
Response: 3397683
Conc: 21.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.406 min
Delta R.T.: -0.009 min
Response: 3475434
Conc: 21.41 ug/ml



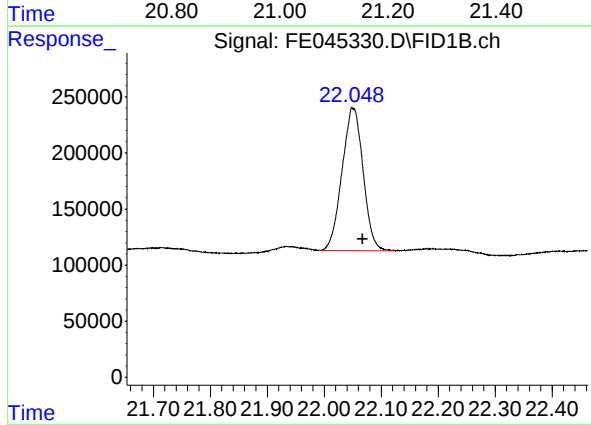
#21 n-Octatriacontane (C38)

R.T.: 21.140 min
Delta R.T.: -0.013 min
Response: 3559321
Conc: 21.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.048 min
Delta R.T.: -0.020 min
Response: 3274838
Conc: 19.17 ug/ml m