

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041723AL\
 Data File : FE041397.D
 Signal(s) : FID1B.ch
 Acq On : 17 Apr 2023 23:42
 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 04/18/2023
 Supervised By :Ankita Jodhani 04/18/2023

Integration File: autoint1.e
 Quant Time: Apr 18 01:04:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.840	3564835	18.968 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
12) S 1-chlorooctadecane (S...	13.281	2748446	19.102 ug/ml
Spiked Amount 50.000		Recovery =	38.20%
Target Compounds			
1) T n-Nonane (C9)	3.237	3285217	18.934 ug/ml
2) T n-Decane (C10)	4.484	3266625	19.191 ug/ml
3) T A~Naphthalene (C11.7)	6.187	3563077	19.480 ug/ml
4) T n-Dodecane (C12)	6.649	3352312	19.326 ug/ml
5) T A~2-methylnaphthalene...	7.284	3311844	19.997 ug/ml
6) T n-Tetradecane (C14)	8.476	3373198	19.346 ug/ml
7) T n-Hexadecane (C16)	10.083	3433279	19.304 ug/ml
8) T n-Octadecane (C18)	11.526	3431837	19.220 ug/ml
10) T n-Eicosane (C20)	12.836	3274889	19.199 ug/ml
11) T n-Heneicosane (C21)	13.448	3239649	19.149 ug/ml
13) T n-Docosane (C22)	14.036	3189560	19.274 ug/ml
14) T n-Tetracosane (C24)	15.141	3133971	19.371 ug/ml
15) T n-Hexacosane (C26)	16.164	3023788	19.506 ug/mlm
16) T n-Octacosane (C28)	17.115	3017101	19.696 ug/mlm
17) T n-Tricontane (C30)	18.003	3077566	20.134 ug/mlm
18) T n-Dotriacontane (C32)	18.839	3232980	20.707 ug/ml
19) T n-Tetratriacontane (C34)	19.626	3208961	20.707 ug/ml
20) T n-Hexatriacontane (C36)	20.368	3113676	20.498 ug/mlm
21) T n-Octatriacontane (C38)	21.095	3232261	20.691 ug/ml
22) T n-Tetracontane (C40)	21.979	3582954	22.449 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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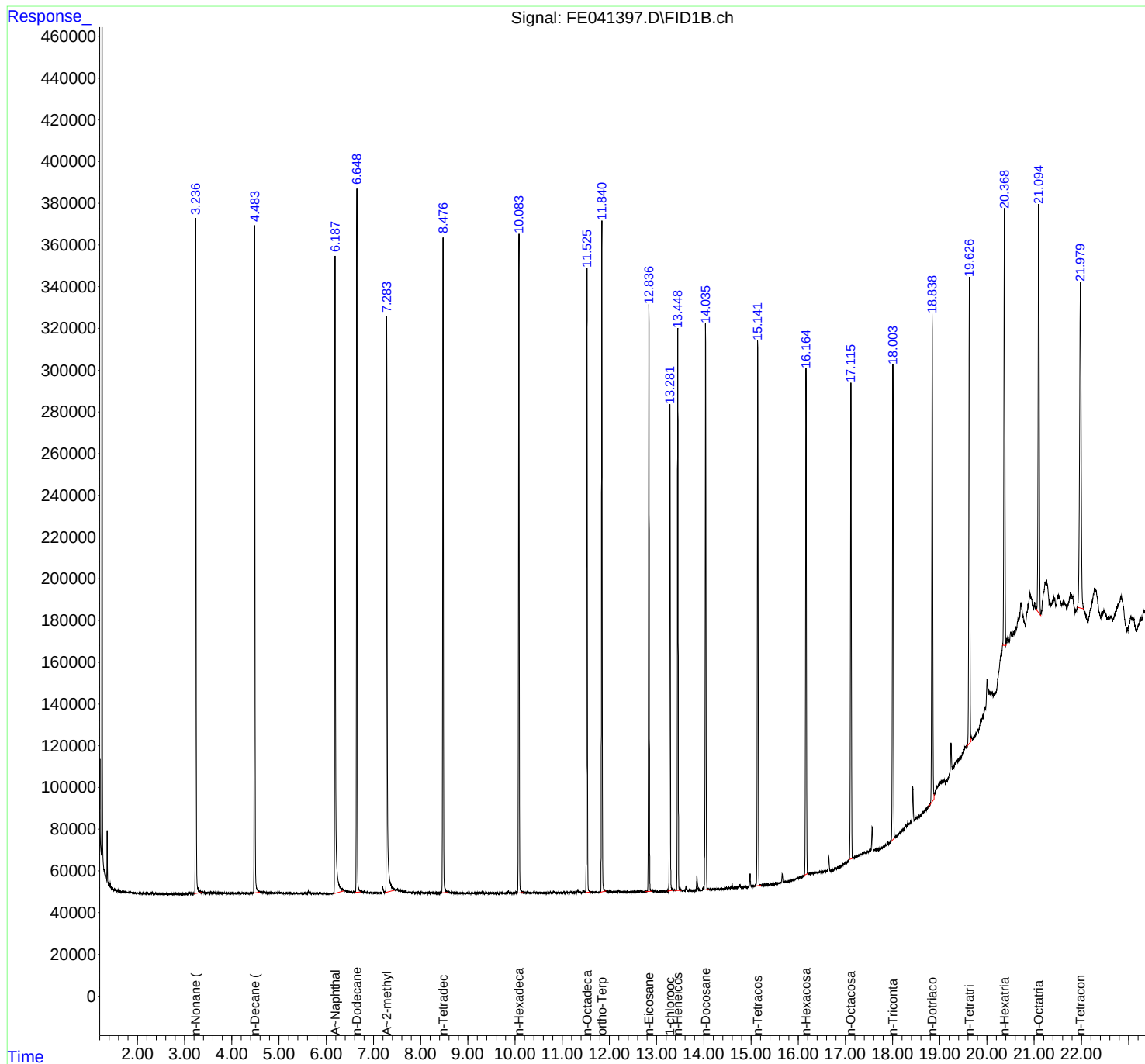
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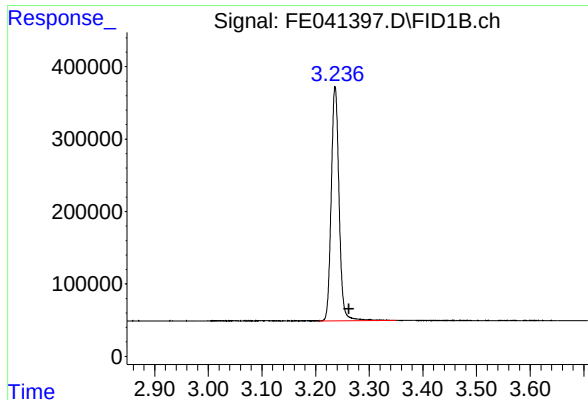
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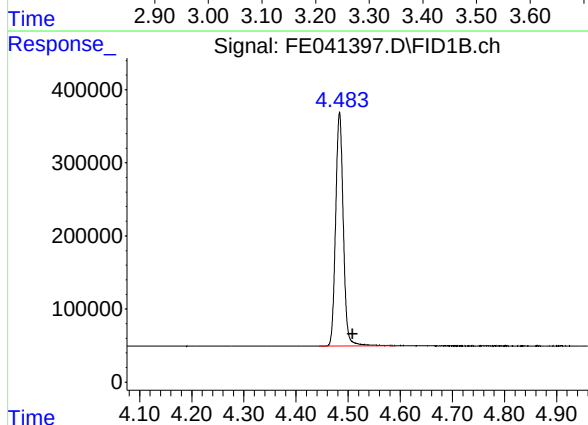
#1 n-Nonane (C9)

R.T.: 3.237 min
Delta R.T.: -0.025 min
Response: 3285217
Conc: 18.93 ug/ml

Instrument :
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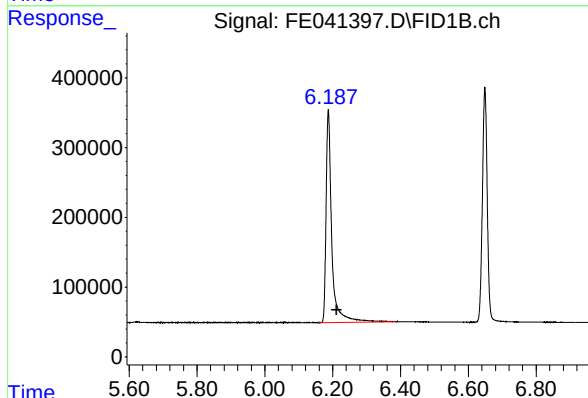
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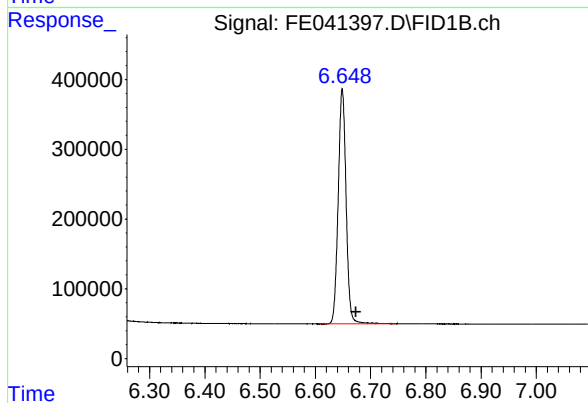
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.025 min
Response: 3266625
Conc: 19.19 ug/ml



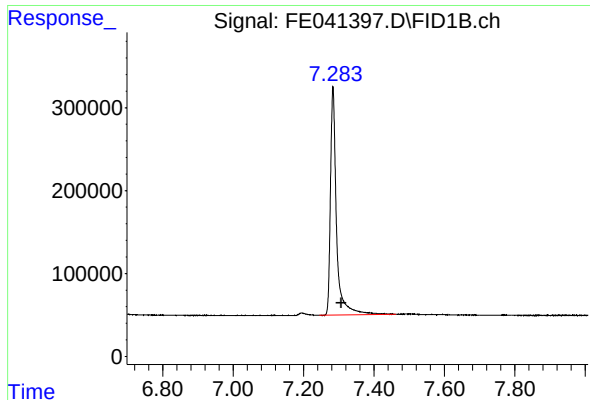
#3 A~Naphthalene (C11.7)

R.T.: 6.187 min
Delta R.T.: -0.025 min
Response: 3563077
Conc: 19.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.649 min
Delta R.T.: -0.025 min
Response: 3352312
Conc: 19.33 ug/ml



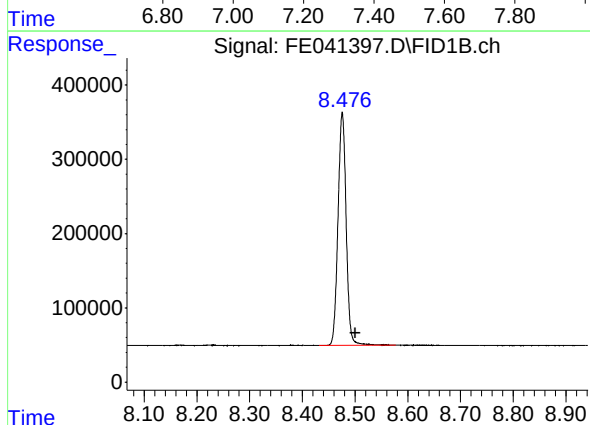
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.284 min
Delta R.T.: -0.024 min
Response: 3311844
Conc: 20.00 ug/ml

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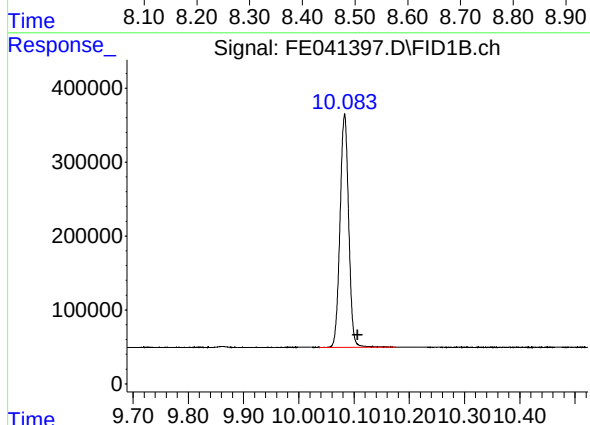
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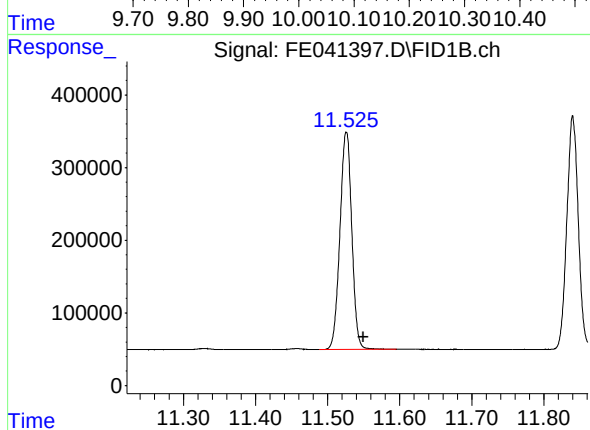
#6 n-Tetradecane (C14)

R.T.: 8.476 min
Delta R.T.: -0.024 min
Response: 3373198
Conc: 19.35 ug/ml



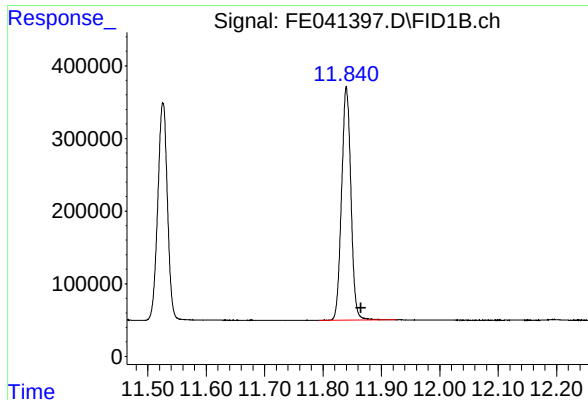
#7 n-Hexadecane (C16)

R.T.: 10.083 min
Delta R.T.: -0.024 min
Response: 3433279
Conc: 19.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.526 min
Delta R.T.: -0.023 min
Response: 3431837
Conc: 19.22 ug/ml



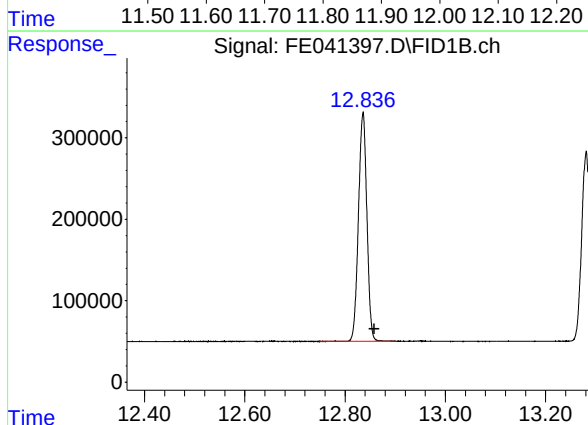
#9 ortho-Terphenyl (SURR)

R.T.: 11.840 min
Delta R.T.: -0.025 min
Response: 3564835
Conc: 18.97 ug/ml

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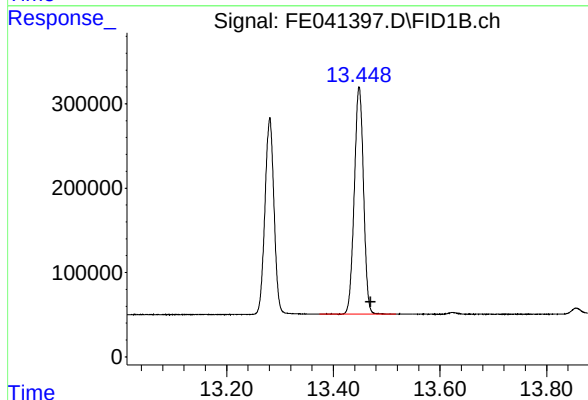
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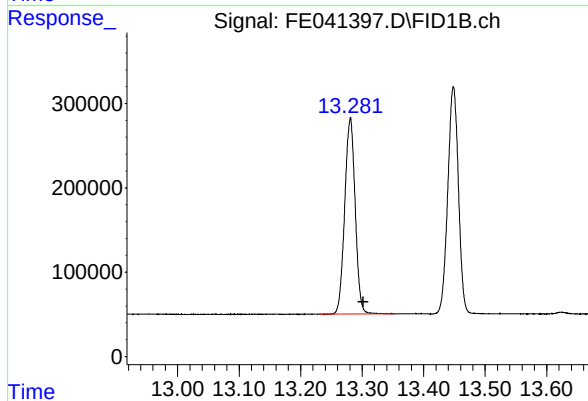
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: -0.022 min
Response: 3274889
Conc: 19.20 ug/ml



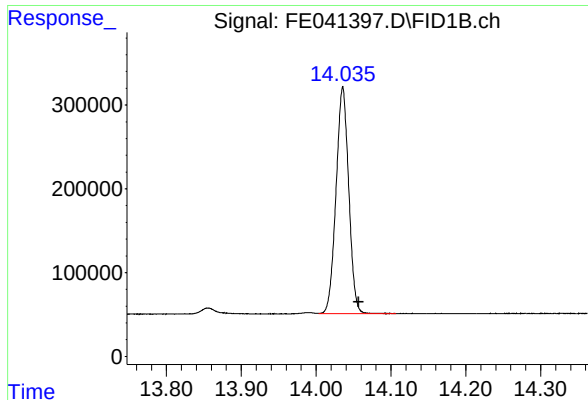
#11 n-Heneicosane (C21)

R.T.: 13.448 min
Delta R.T.: -0.021 min
Response: 3239649
Conc: 19.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.281 min
Delta R.T.: -0.021 min
Response: 2748446
Conc: 19.10 ug/ml



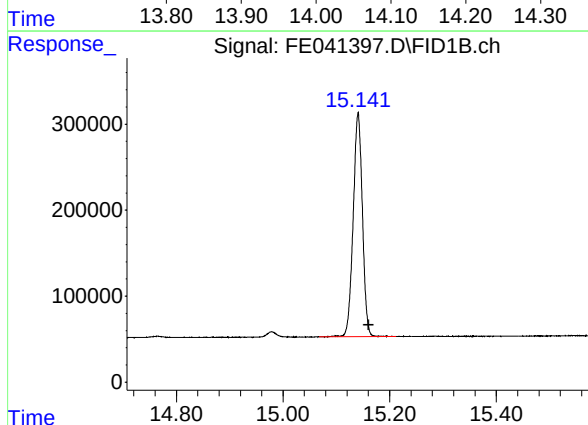
#13 n-Docosane (C22)

R.T.: 14.036 min
Delta R.T.: -0.022 min
Response: 3189560
Conc: 19.27 ug/ml

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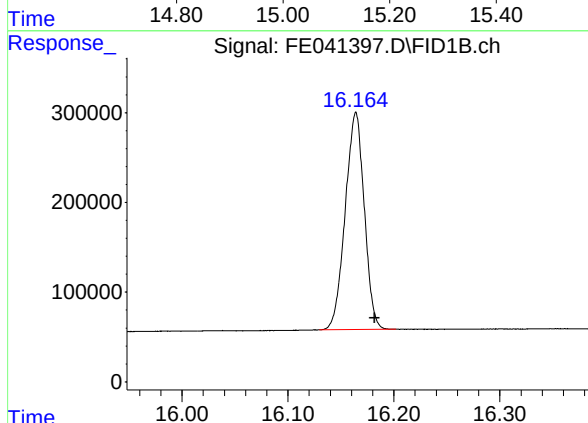
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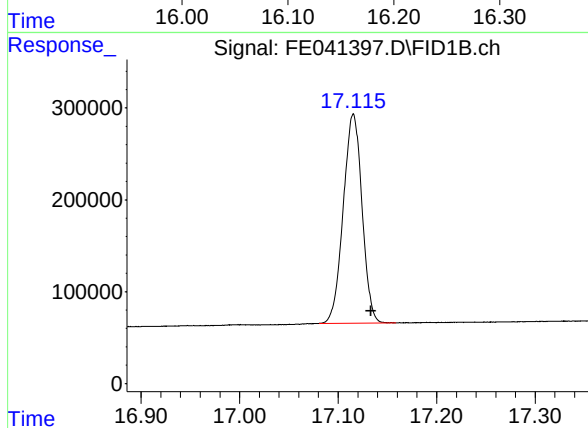
#14 n-Tetracosane (C24)

R.T.: 15.141 min
Delta R.T.: -0.020 min
Response: 3133971
Conc: 19.37 ug/ml



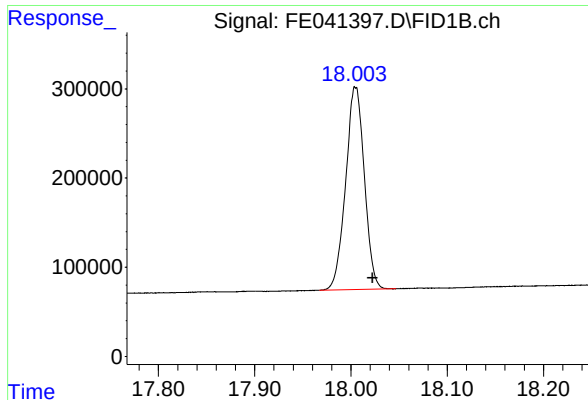
#15 n-Hexacosane (C26)

R.T.: 16.164 min
Delta R.T.: -0.018 min
Response: 3023788
Conc: 19.51 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.115 min
Delta R.T.: -0.018 min
Response: 3017101
Conc: 19.70 ug/ml m



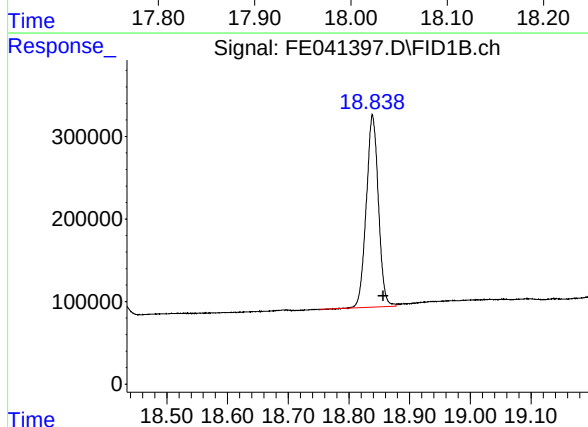
#17 n-Tricontane (C30)

R.T.: 18.003 min
Delta R.T.: -0.019 min
Response: 3077566
Conc: 20.13 ug/ml

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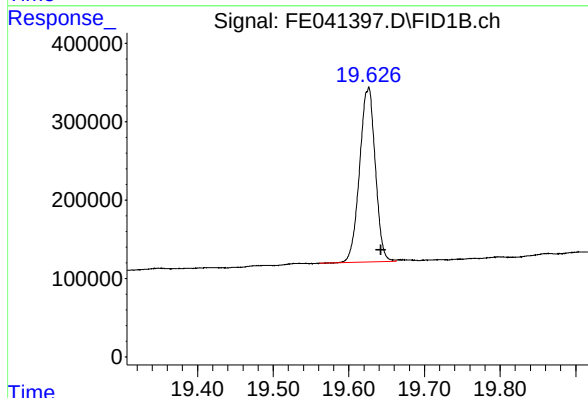
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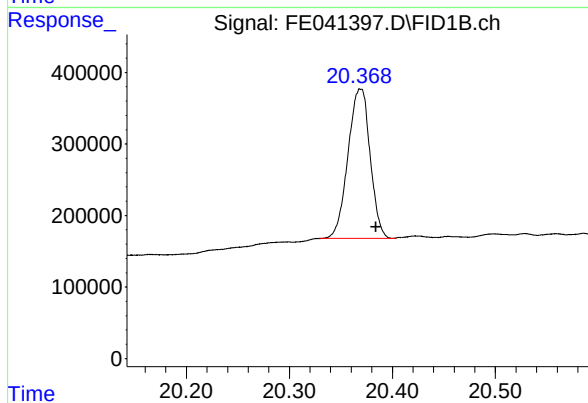
#18 n-Dotriacontane (C32)

R.T.: 18.839 min
Delta R.T.: -0.018 min
Response: 3232980
Conc: 20.71 ug/ml



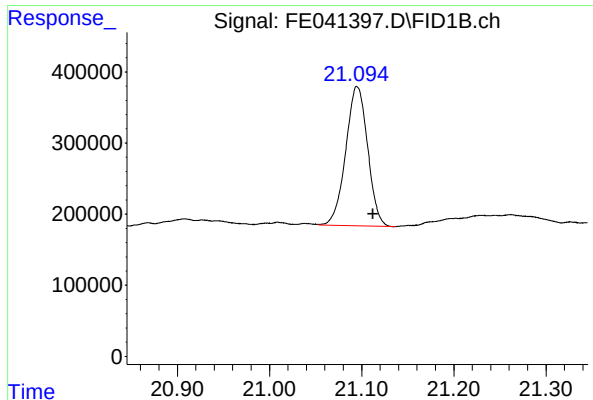
#19 n-Tetratriacontane (C34)

R.T.: 19.626 min
Delta R.T.: -0.016 min
Response: 3208961
Conc: 20.71 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.368 min
Delta R.T.: -0.016 min
Response: 3113676
Conc: 20.50 ug/ml m



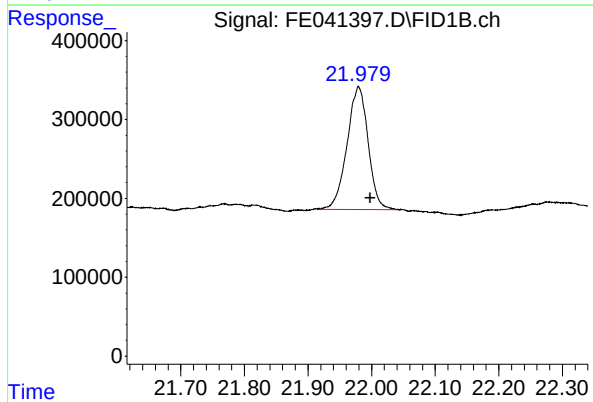
#21 n-Octatriacontane (C38)

R.T.: 21.095 min
Delta R.T.: -0.017 min
Response: 3232261
Conc: 20.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.979 min
Delta R.T.: -0.019 min
Response: 3582954
Conc: 22.45 ug/ml m