

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111124AL\
 Data File : FE051137.D
 Signal(s) : FID1B.ch
 Acq On : 11 Nov 2024 09:11
 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 11/12/2024
 Supervised By :Ankita Jodhani 11/12/2024

Integration File: autoint1.e
 Quant Time: Nov 11 20:46:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 2024
 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)	11.856	3508108	23.372 ug/ml
Spiked Amount 50.000		Recovery =	46.74%
12) S 1-chlorooctadecane (S...	13.288	2644257	23.291 ug/ml
Spiked Amount 50.000		Recovery =	46.58%
Target Compounds			
1) T n-Nonane (C9)	3.240	3216213	23.244 ug/ml
2) T n-Decane (C10)	4.491	3299764	23.540 ug/ml
3) T A~Naphthalene (C11.7)	6.204	3197640	24.252 ug/ml
4) T n-Dodecane (C12)	6.660	3328278	23.572 ug/ml
5) T A~2-methylnaphthalene...	7.301	2999095	23.975 ug/ml
6) T n-Tetradecane (C14)	8.487	3264213	23.422 ug/ml
7) T n-Hexadecane (C16)	10.093	3328493	23.455 ug/ml
8) T n-Octadecane (C18)	11.535	3350597	23.463 ug/ml
10) T n-Eicosane (C20)	12.842	3187140	23.288 ug/ml
11) T n-Heneicosane (C21)	13.453	3129185	23.414 ug/ml
13) T n-Docosane (C22)	14.039	3106713	23.367 ug/ml
14) T n-Tetracosane (C24)	15.140	3142637	23.690 ug/ml
15) T n-Hexacosane (C26)	16.161	3156639	23.580 ug/ml
16) T n-Octacosane (C28)	17.109	3217466	23.601 ug/ml
17) T n-Tricontane (C30)	17.997	3439114	23.671 ug/mlm
18) T n-Dotriacontane (C32)	18.829	3588853	24.170 ug/ml
19) T n-Tetratriacontane (C34)	19.612	3358151	24.993 ug/ml
20) T n-Hexatriacontane (C36)	20.351	2909915	24.388 ug/mlm
21) T n-Octatriacontane (C38)	21.074	2631623	23.122 ug/ml
22) T n-Tetracontane (C40)	21.959	1984381	17.842 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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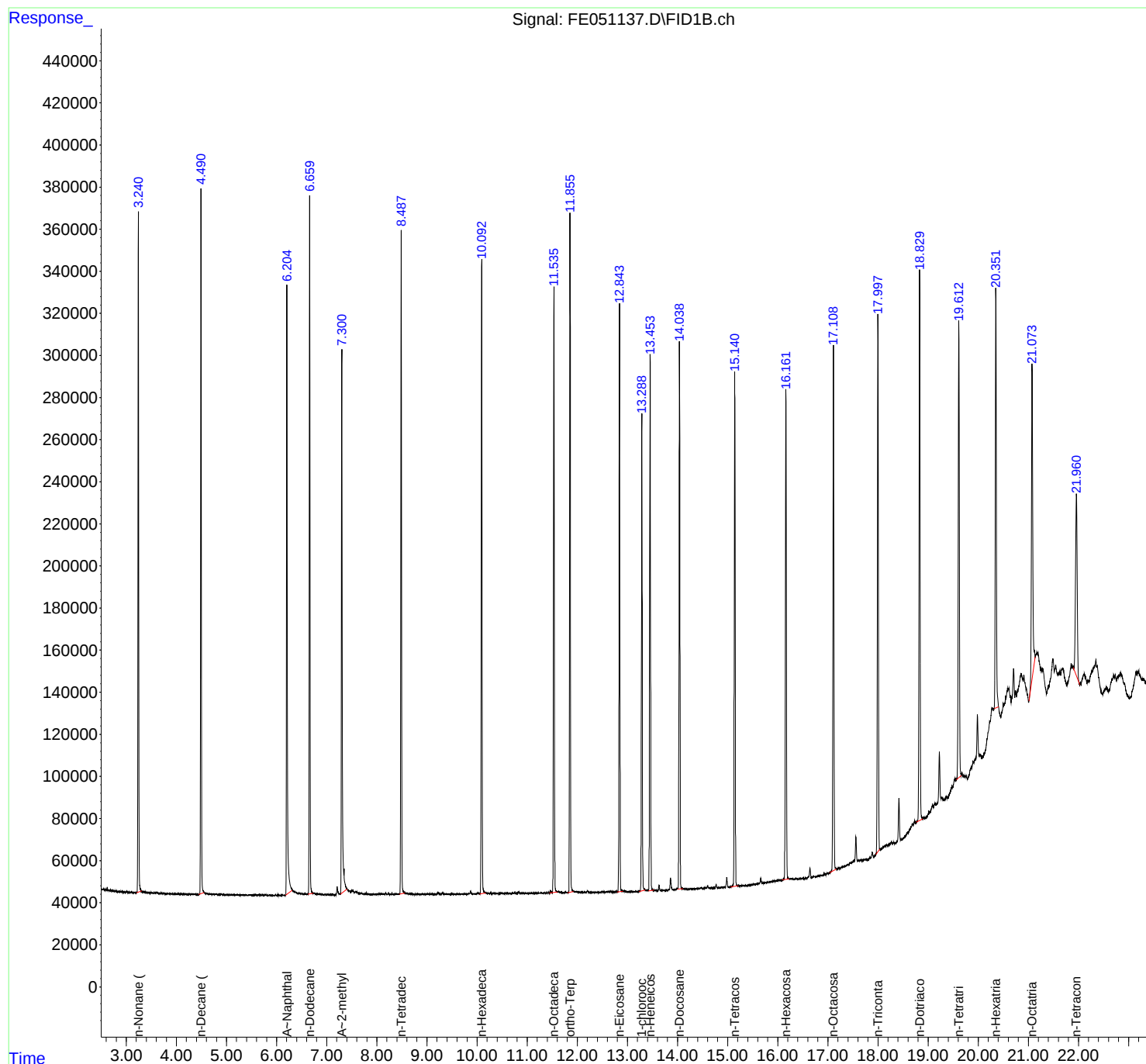
Instrument :
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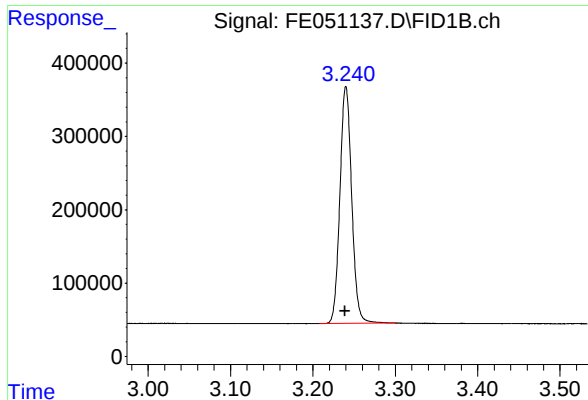
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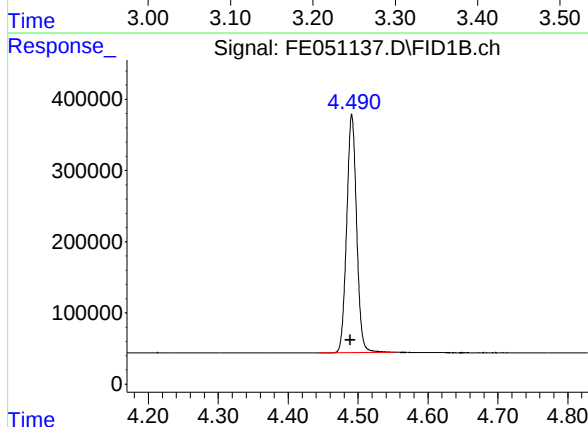
#1 n-Nonane (C9)

R.T.: 3.240 min
Delta R.T.: 0.001 min
Response: 3216213
Conc: 23.24 ug/ml

Instrument :
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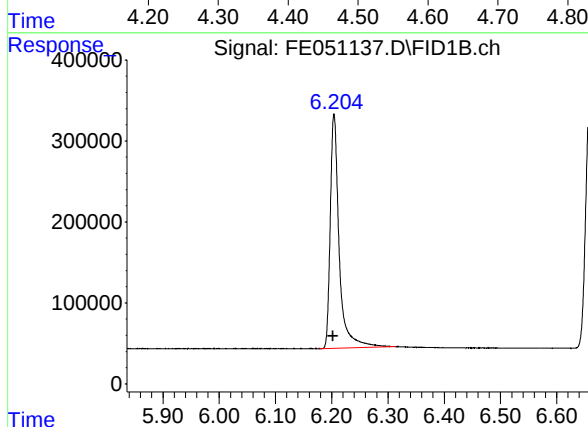
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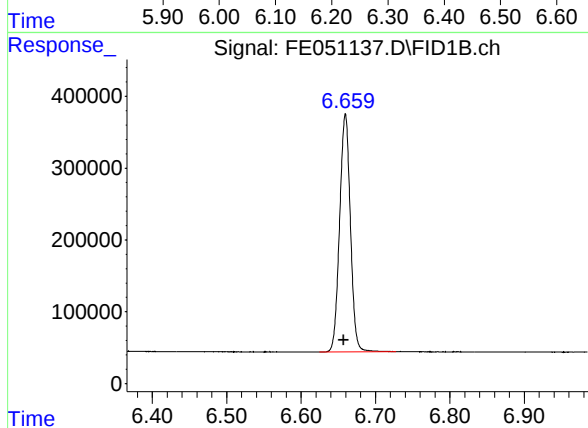
#2 n-Decane (C10)

R.T.: 4.491 min
Delta R.T.: 0.002 min
Response: 3299764
Conc: 23.54 ug/ml



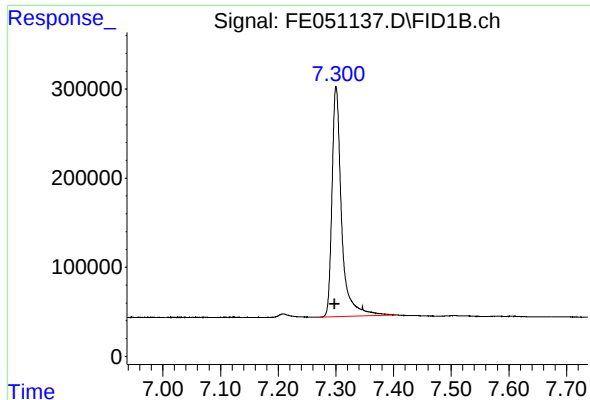
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: 0.002 min
Response: 3197640
Conc: 24.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.660 min
Delta R.T.: 0.002 min
Response: 3328278
Conc: 23.57 ug/ml



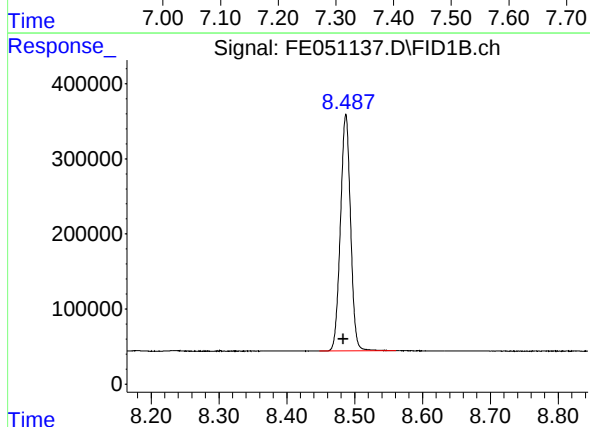
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.301 min
Delta R.T.: 0.003 min
Response: 2999095
Conc: 23.97 ug/ml

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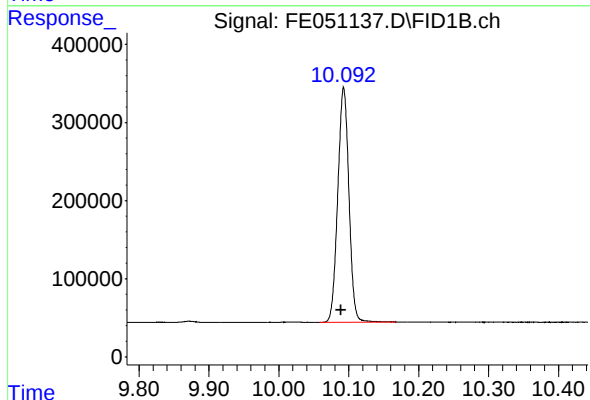
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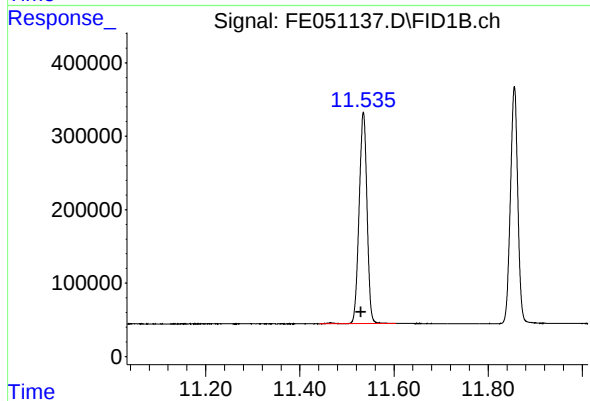
#6 n-Tetradecane (C14)

R.T.: 8.487 min
Delta R.T.: 0.004 min
Response: 3264213
Conc: 23.42 ug/ml



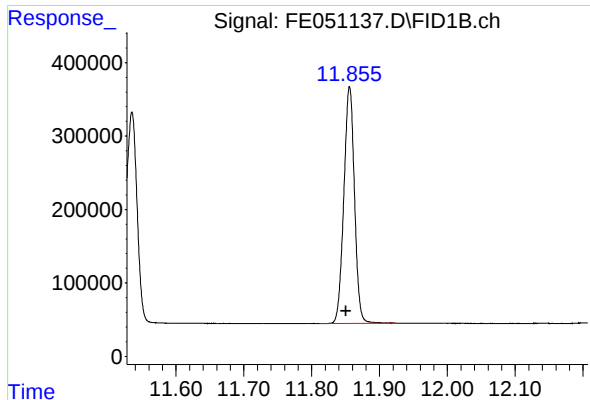
#7 n-Hexadecane (C16)

R.T.: 10.093 min
Delta R.T.: 0.004 min
Response: 3328493
Conc: 23.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.535 min
Delta R.T.: 0.005 min
Response: 3350597
Conc: 23.46 ug/ml



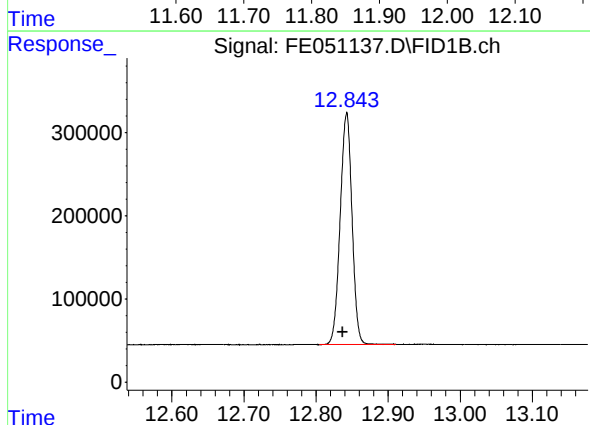
#9 ortho-Terphenyl (SURR)

R.T.: 11.856 min
Delta R.T.: 0.005 min
Response: 3508108
Conc: 23.37 ug/ml

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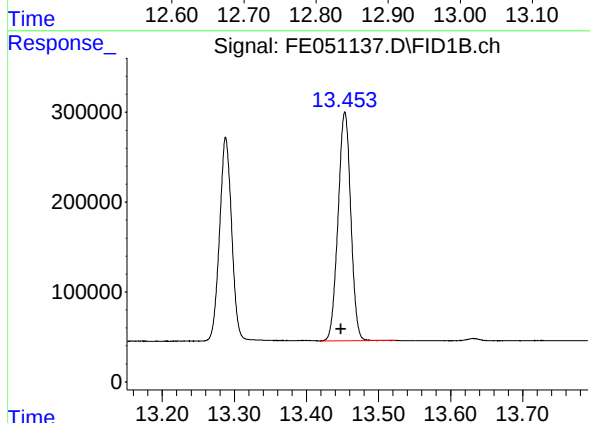
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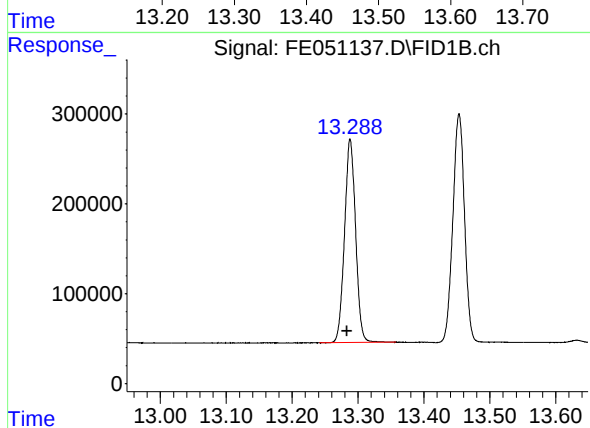
#10 n-Eicosane (C20)

R.T.: 12.842 min
Delta R.T.: 0.005 min
Response: 3187140
Conc: 23.29 ug/ml



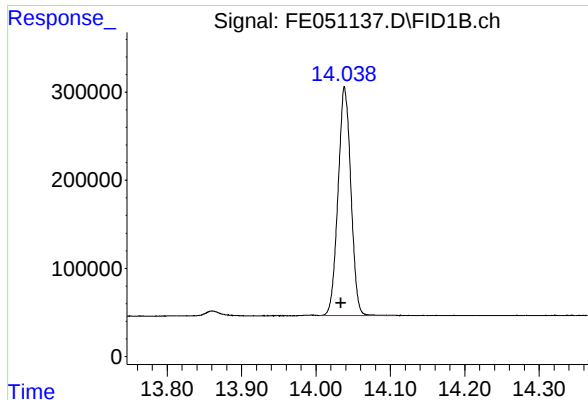
#11 n-Heneicosane (C21)

R.T.: 13.453 min
Delta R.T.: 0.006 min
Response: 3129185
Conc: 23.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.288 min
Delta R.T.: 0.005 min
Response: 2644257
Conc: 23.29 ug/ml



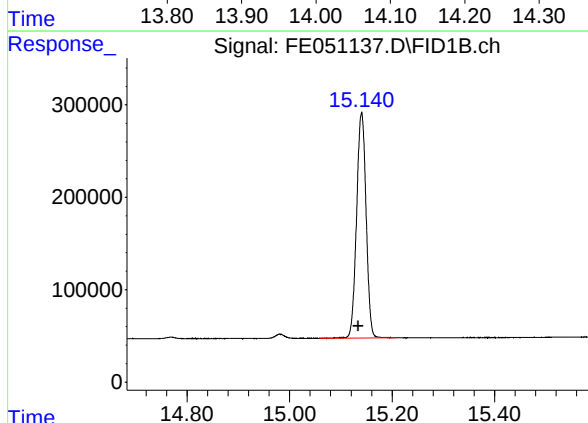
#13 n-Docosane (C22)

R.T.: 14.039 min
Delta R.T.: 0.005 min
Response: 3106713
Conc: 23.37 ug/ml

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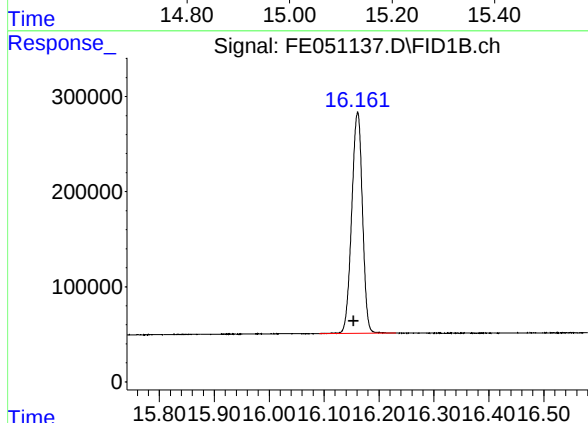
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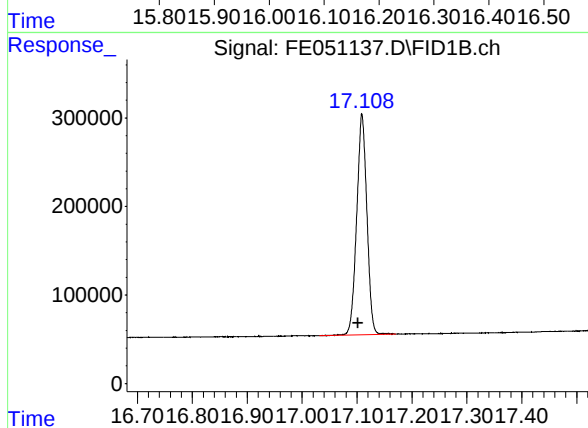
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: 0.006 min
Response: 3142637
Conc: 23.69 ug/ml



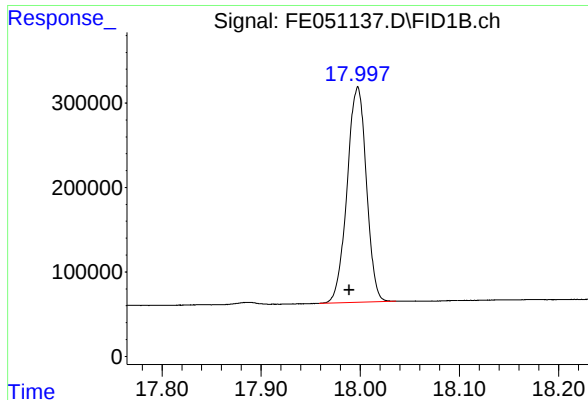
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: 0.007 min
Response: 3156639
Conc: 23.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.109 min
Delta R.T.: 0.007 min
Response: 3217466
Conc: 23.60 ug/ml



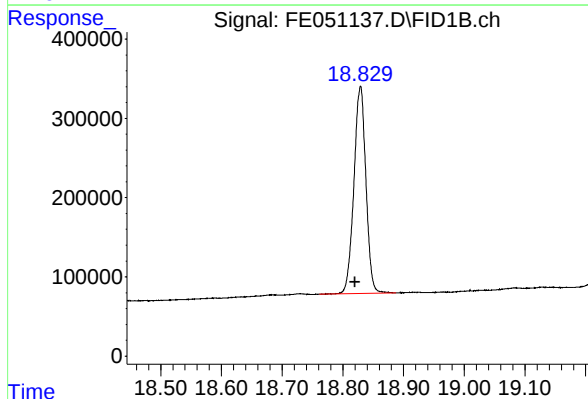
#17 n-Tricontane (C30)

R.T.: 17.997 min
Delta R.T.: 0.008 min
Response: 3439114
Conc: 23.67 ug/ml

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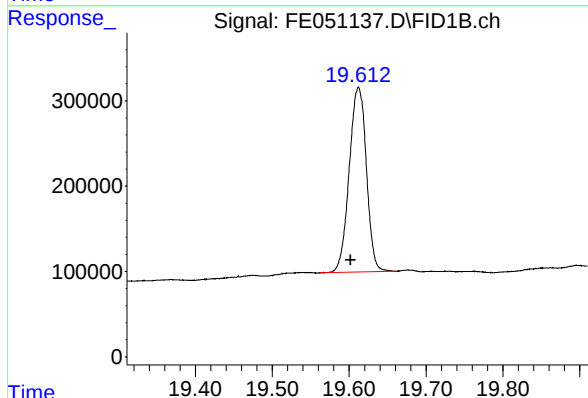
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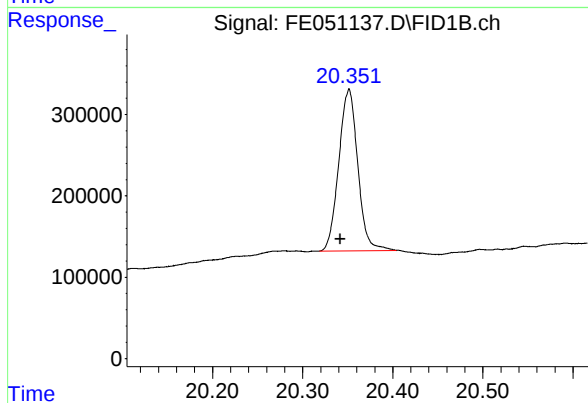
#18 n-Dotriacontane (C32)

R.T.: 18.829 min
Delta R.T.: 0.009 min
Response: 3588853
Conc: 24.17 ug/ml



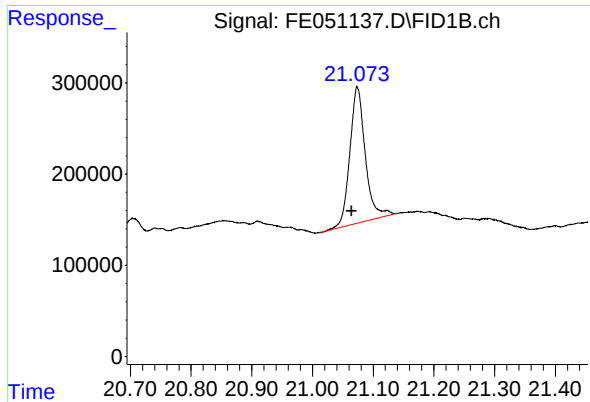
#19 n-Tetratriacontane (C34)

R.T.: 19.612 min
Delta R.T.: 0.010 min
Response: 3358151
Conc: 24.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.351 min
Delta R.T.: 0.010 min
Response: 2909915
Conc: 24.39 ug/ml m



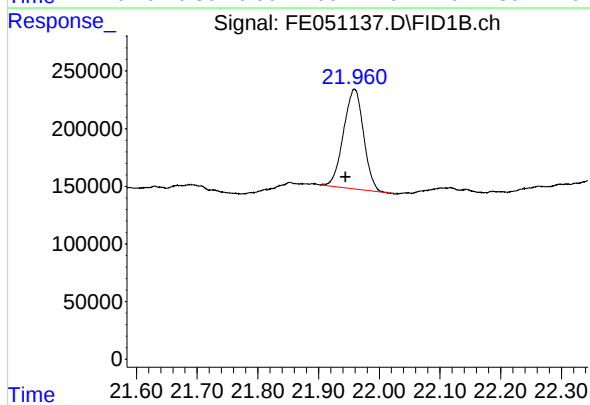
#21 n-Octatriacontane (C38)

R.T.: 21.074 min
Delta R.T.: 0.009 min
Response: 2631623
Conc: 23.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.959 min
Delta R.T.: 0.015 min
Response: 1984381
Conc: 17.84 ug/ml