

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112124AL\
 Data File : FE051384.D
 Signal(s) : FID1B.ch
 Acq On : 21 Nov 2024 12:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :Ankita Jodhani 11/22/2024

Integration File: autoint1.e
 Quant Time: Nov 22 03:46:42 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)	11.841	3042185	20.268 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
12) S 1-chlorooctadecane (S...	13.274	2339462	20.606 ug/ml
Spiked Amount 50.000		Recovery =	41.21%
Target Compounds			
1) T n-Nonane (C9)	3.232	2728274	19.717 ug/ml
2) T n-Decane (C10)	4.479	2799445	19.971 ug/ml
3) T A~Naphthalene (C11.7)	6.194	2573261	19.517 ug/ml
4) T n-Dodecane (C12)	6.646	2833251	20.066 ug/ml
5) T A~2-methylnaphthalene...	7.290	2585816	20.671 ug/mlm
6) T n-Tetradecane (C14)	8.473	2804473	20.123 ug/ml
7) T n-Hexadecane (C16)	10.078	2859532	20.151 ug/ml
8) T n-Octadecane (C18)	11.520	2901300	20.316 ug/ml
10) T n-Eicosane (C20)	12.828	2800628	20.464 ug/ml
11) T n-Heneicosane (C21)	13.439	2735256	20.467 ug/ml
13) T n-Docosane (C22)	14.023	2710765	20.389 ug/mlm
14) T n-Tetracosane (C24)	15.125	2740170	20.656 ug/ml
15) T n-Hexacosane (C26)	16.145	2695965	20.139 ug/ml
16) T n-Octacosane (C28)	17.094	2682255	19.675 ug/ml
17) T n-Tricontane (C30)	17.981	2745086	18.894 ug/ml
18) T n-Dotriacontane (C32)	18.812	2643892	17.806 ug/ml
19) T n-Tetratriacontane (C34)	19.594	2304034	17.148 ug/ml
20) T n-Hexatriacontane (C36)	20.333	1930139	16.176 ug/ml
21) T n-Octatriacontane (C38)	21.058	1838313	16.152 ug/ml
22) T n-Tetracontane (C40)	21.934	1989810	17.891 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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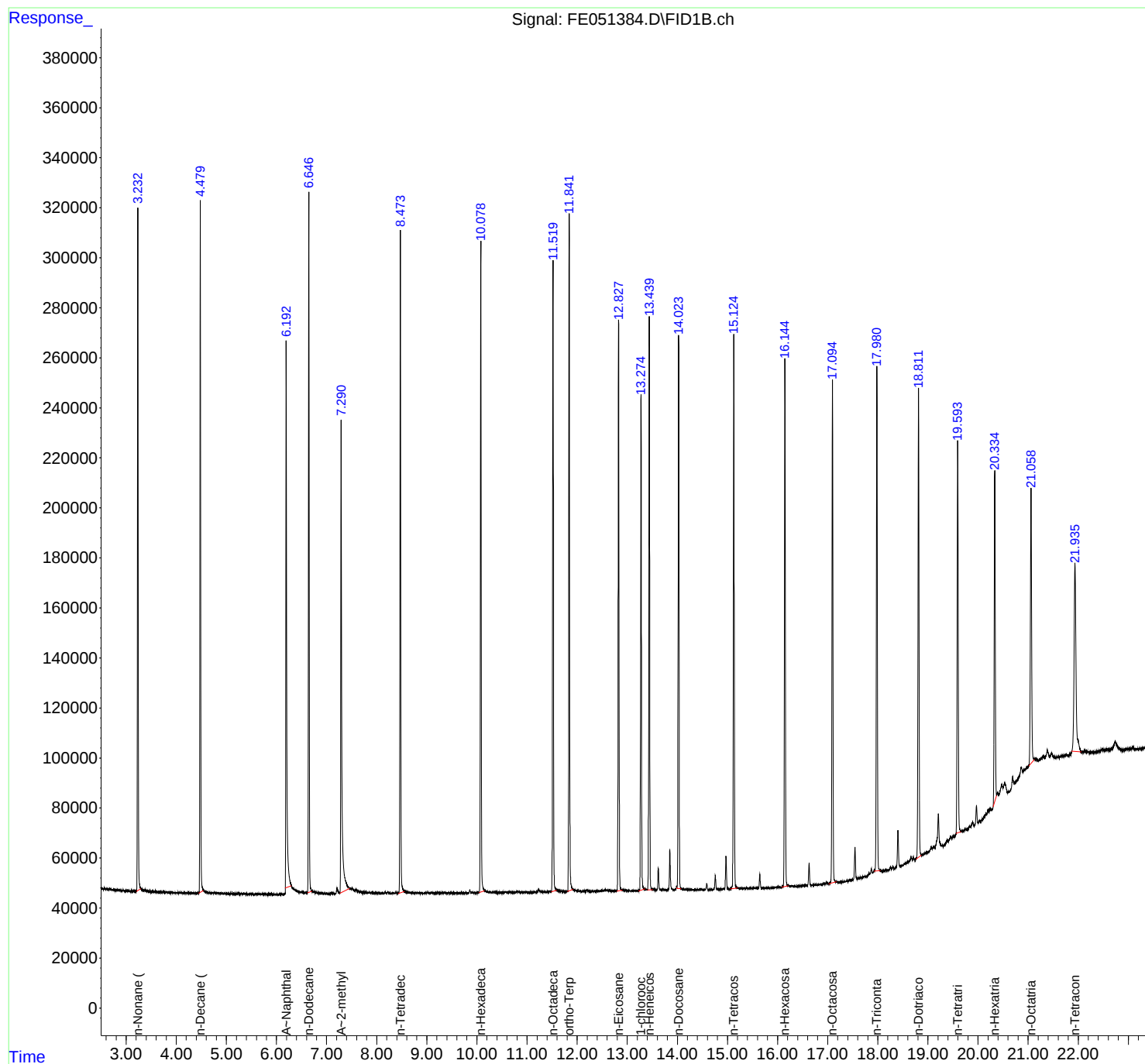
Instrument :
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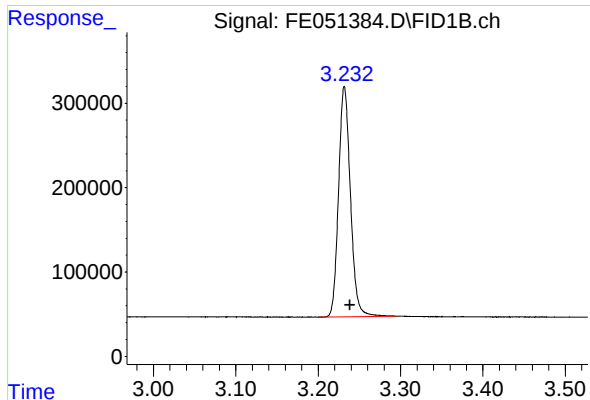
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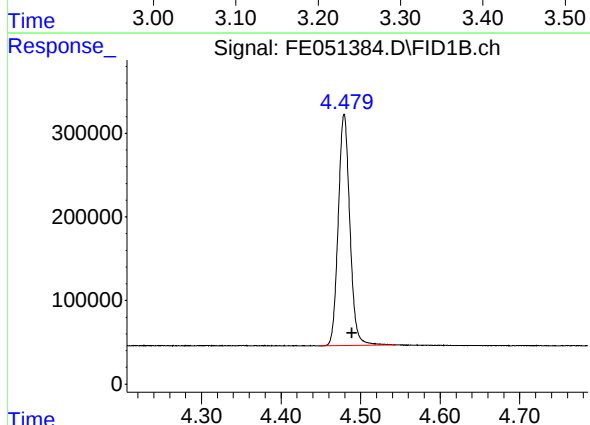
#1 n-Nonane (C9)

R.T.: 3.232 min
Delta R.T.: -0.007 min
Response: 2728274
Conc: 19.72 ug/ml

Instrument :
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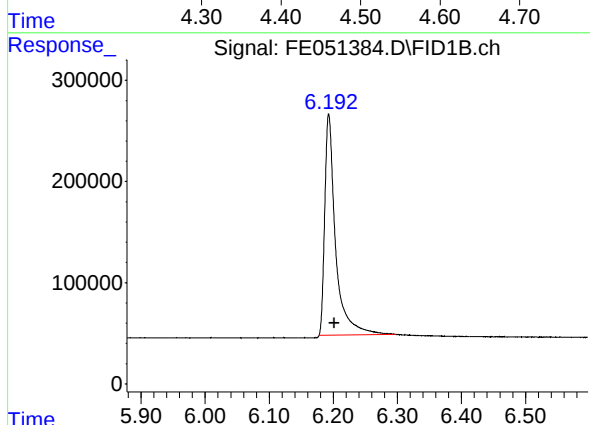
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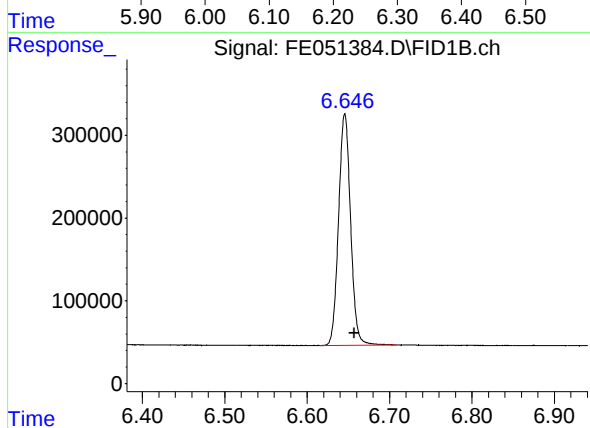
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.010 min
Response: 2799445
Conc: 19.97 ug/ml



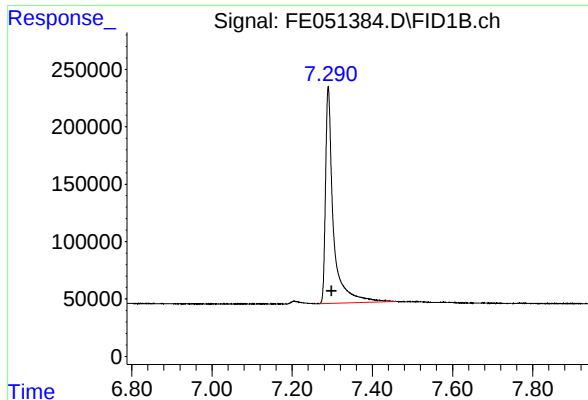
#3 A~Naphthalene (C11.7)

R.T.: 6.194 min
Delta R.T.: -0.008 min
Response: 2573261
Conc: 19.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.646 min
Delta R.T.: -0.011 min
Response: 2833251
Conc: 20.07 ug/ml



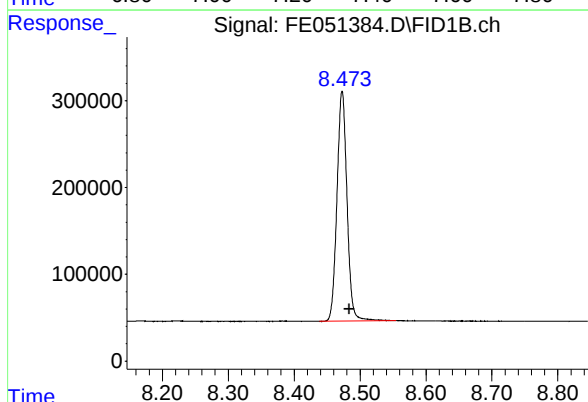
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.290 min
Delta R.T.: -0.008 min
Response: 2585816
Conc: 20.67 ug/ml

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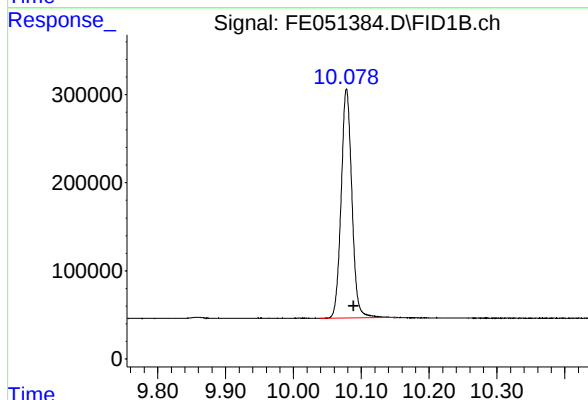
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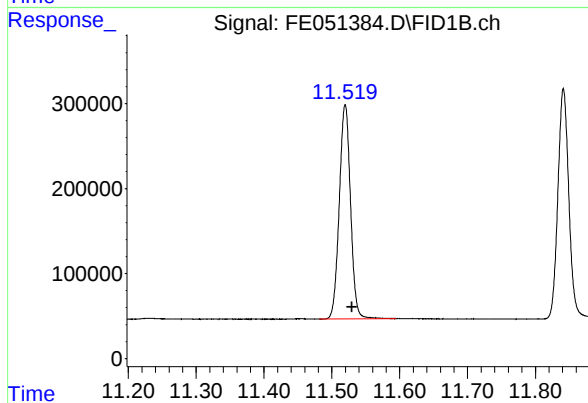
#6 n-Tetradecane (C14)

R.T.: 8.473 min
Delta R.T.: -0.010 min
Response: 2804473
Conc: 20.12 ug/ml



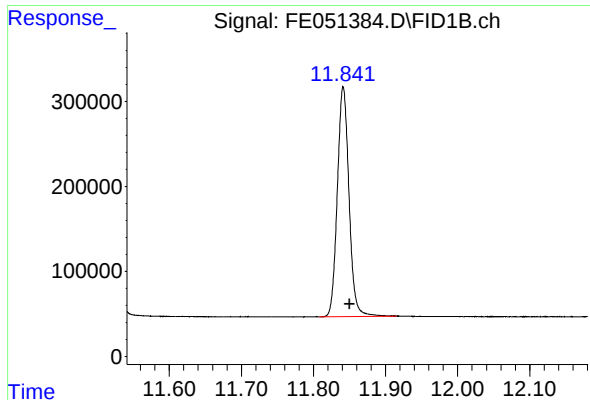
#7 n-Hexadecane (C16)

R.T.: 10.078 min
Delta R.T.: -0.010 min
Response: 2859532
Conc: 20.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.520 min
Delta R.T.: -0.010 min
Response: 2901300
Conc: 20.32 ug/ml



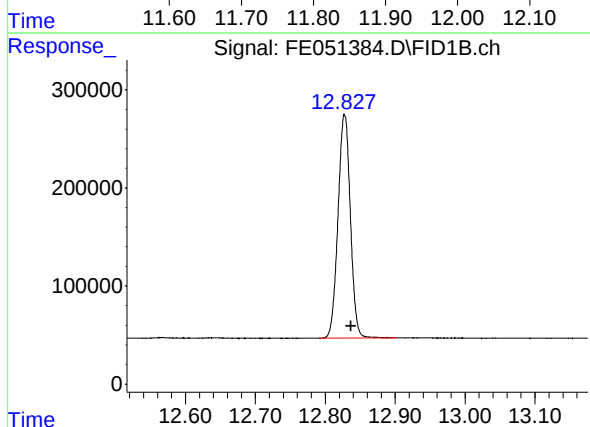
#9 ortho-Terphenyl (SURR)

R.T.: 11.841 min
Delta R.T.: -0.009 min
Response: 3042185
Conc: 20.27 ug/ml

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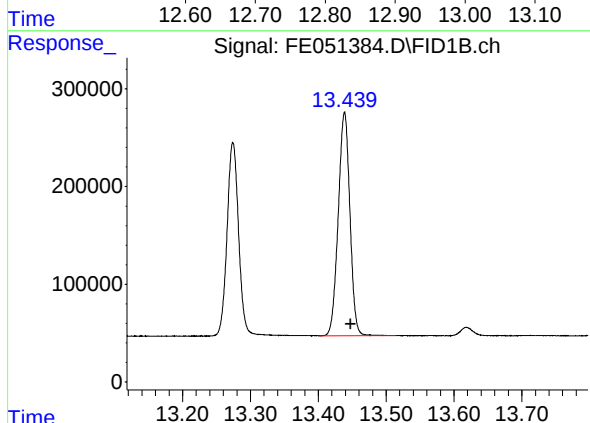
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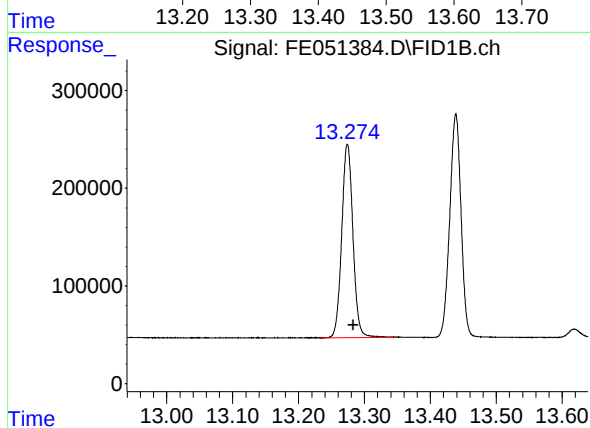
#10 n-Eicosane (C20)

R.T.: 12.828 min
Delta R.T.: -0.009 min
Response: 2800628
Conc: 20.46 ug/ml



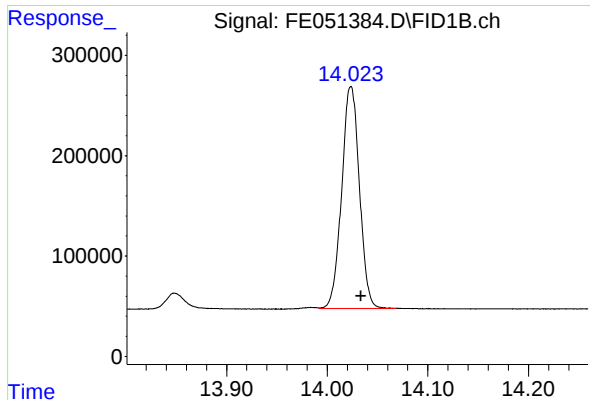
#11 n-Heneicosane (C21)

R.T.: 13.439 min
Delta R.T.: -0.009 min
Response: 2735256
Conc: 20.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.274 min
Delta R.T.: -0.009 min
Response: 2339462
Conc: 20.61 ug/ml



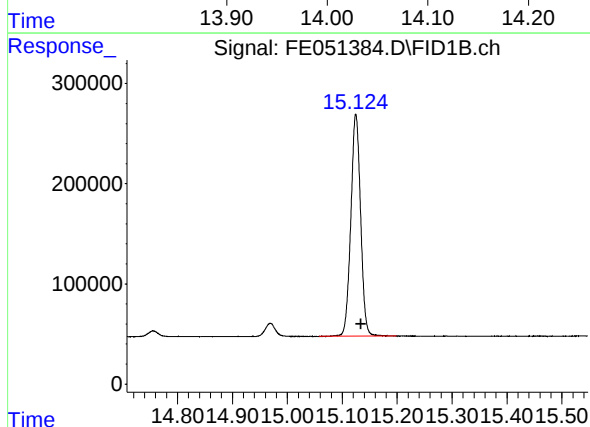
#13 n-Docosane (C22)

R.T.: 14.023 min
Delta R.T.: -0.010 min
Response: 2710765
Conc: 20.39 ug/ml

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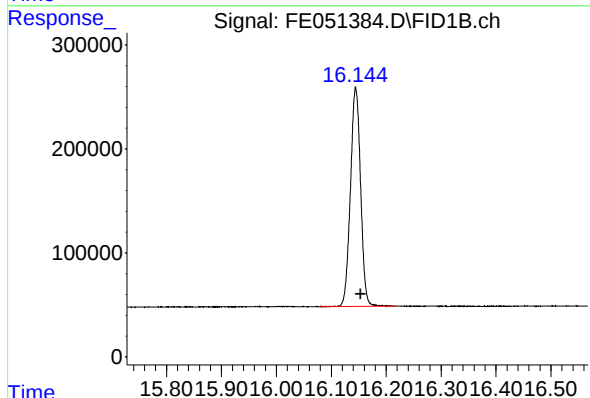
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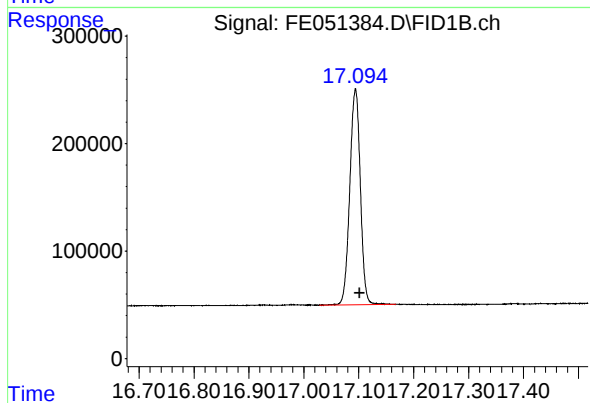
#14 n-Tetracosane (C24)

R.T.: 15.125 min
Delta R.T.: -0.009 min
Response: 2740170
Conc: 20.66 ug/ml



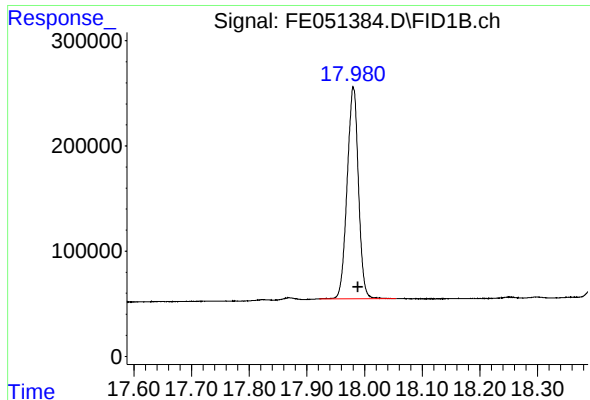
#15 n-Hexacosane (C26)

R.T.: 16.145 min
Delta R.T.: -0.009 min
Response: 2695965
Conc: 20.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.094 min
Delta R.T.: -0.008 min
Response: 2682255
Conc: 19.67 ug/ml



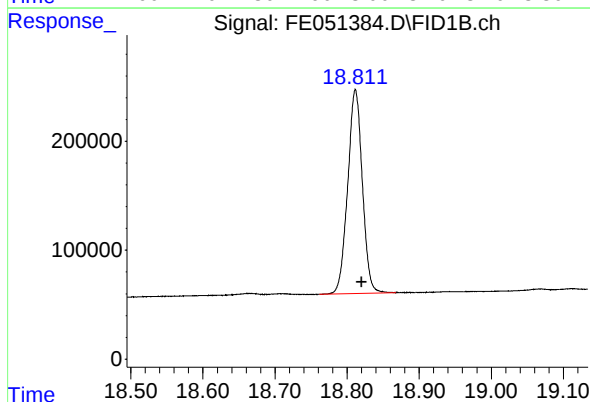
#17 n-Tricontane (C30)

R.T.: 17.981 min
Delta R.T.: -0.009 min
Response: 2745086
Conc: 18.89 ug/ml

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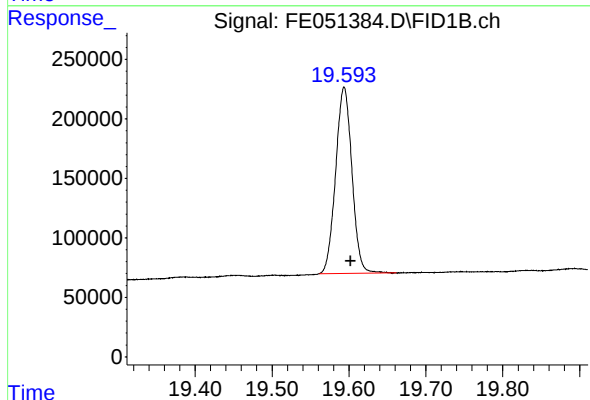
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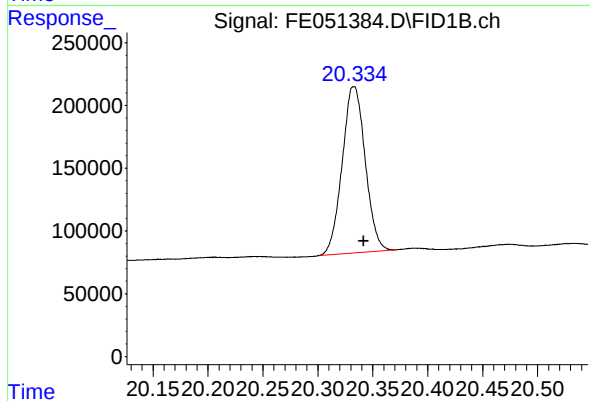
#18 n-Dotriacontane (C32)

R.T.: 18.812 min
Delta R.T.: -0.008 min
Response: 2643892
Conc: 17.81 ug/ml



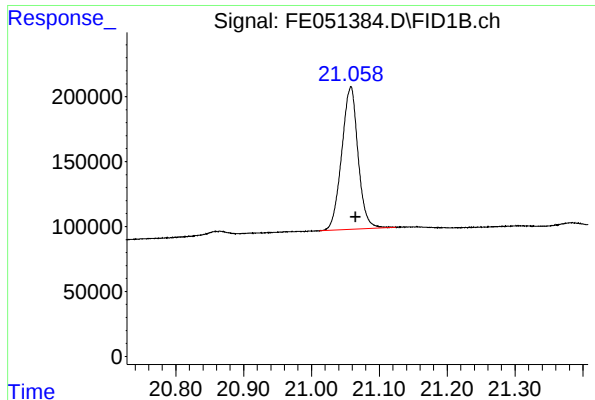
#19 n-Tetratriacontane (C34)

R.T.: 19.594 min
Delta R.T.: -0.009 min
Response: 2304034
Conc: 17.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.333 min
Delta R.T.: -0.009 min
Response: 1930139
Conc: 16.18 ug/ml



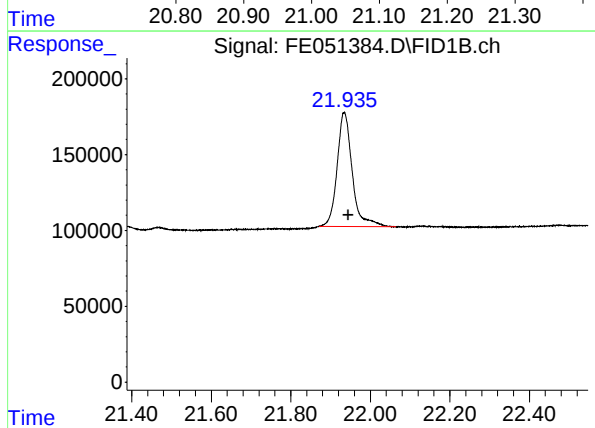
#21 n-Octatriacontane (C38)

R.T.: 21.058 min
Delta R.T.: -0.007 min
Response: 1838313
Conc: 16.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.934 min
Delta R.T.: -0.010 min
Response: 1989810
Conc: 17.89 ug/ml