

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040824AL\
 Data File : FE047513.D
 Signal(s) : FID1B.ch
 Acq On : 08 Apr 2024 12:19
 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 04/09/2024
 Supervised By :Ankita Jodhani 04/09/2024

Integration File: autoint1.e
 Quant Time: Apr 09 01:44:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.975	2808500	16.192 ug/ml
Spiked Amount 50.000		Recovery =	32.38%
12) S 1-chlorooctadecane (S...	13.409	2171000	16.142 ug/ml
Spiked Amount 50.000		Recovery =	32.28%
Target Compounds			
1) T n-Nonane (C9)	3.360	2521035	16.114 ug/ml
2) T n-Decane (C10)	4.612	2602554	16.193 ug/ml
3) T A~Naphthalene (C11.7)	6.317	2714516	16.010 ug/ml
4) T n-Dodecane (C12)	6.777	2619036	16.136 ug/ml
5) T A~2-methylnaphthalene...	7.412	2658975	16.191 ug/mlm
6) T n-Tetradecane (C14)	8.605	2603440	16.183 ug/ml
7) T n-Hexadecane (C16)	10.212	2699858	16.257 ug/ml
8) T n-Octadecane (C18)	11.655	2741439	16.347 ug/ml
10) T n-Eicosane (C20)	12.963	2680622	16.547 ug/ml
11) T n-Heneicosane (C21)	13.574	2592838	16.341 ug/ml
13) T n-Docosane (C22)	14.160	2730509	17.014 ug/ml
14) T n-Tetracosane (C24)	15.263	2984565	18.081 ug/ml
15) T n-Hexacosane (C26)	16.283	3181710	19.249 ug/ml
16) T n-Octacosane (C28)	17.232	3353960	20.239 ug/ml
17) T n-Tricontane (C30)	18.119	3606024	21.240 ug/ml
18) T n-Dotriacontane (C32)	18.950	3497416	20.974 ug/ml
19) T n-Tetratriacontane (C34)	19.733	3045514	18.989 ug/ml
20) T n-Hexatriacontane (C36)	20.470	2735008	17.148 ug/ml
21) T n-Octatriacontane (C38)	21.212	2665738	16.402 ug/ml
22) T n-Tetracontane (C40)	22.136	2625193	16.034 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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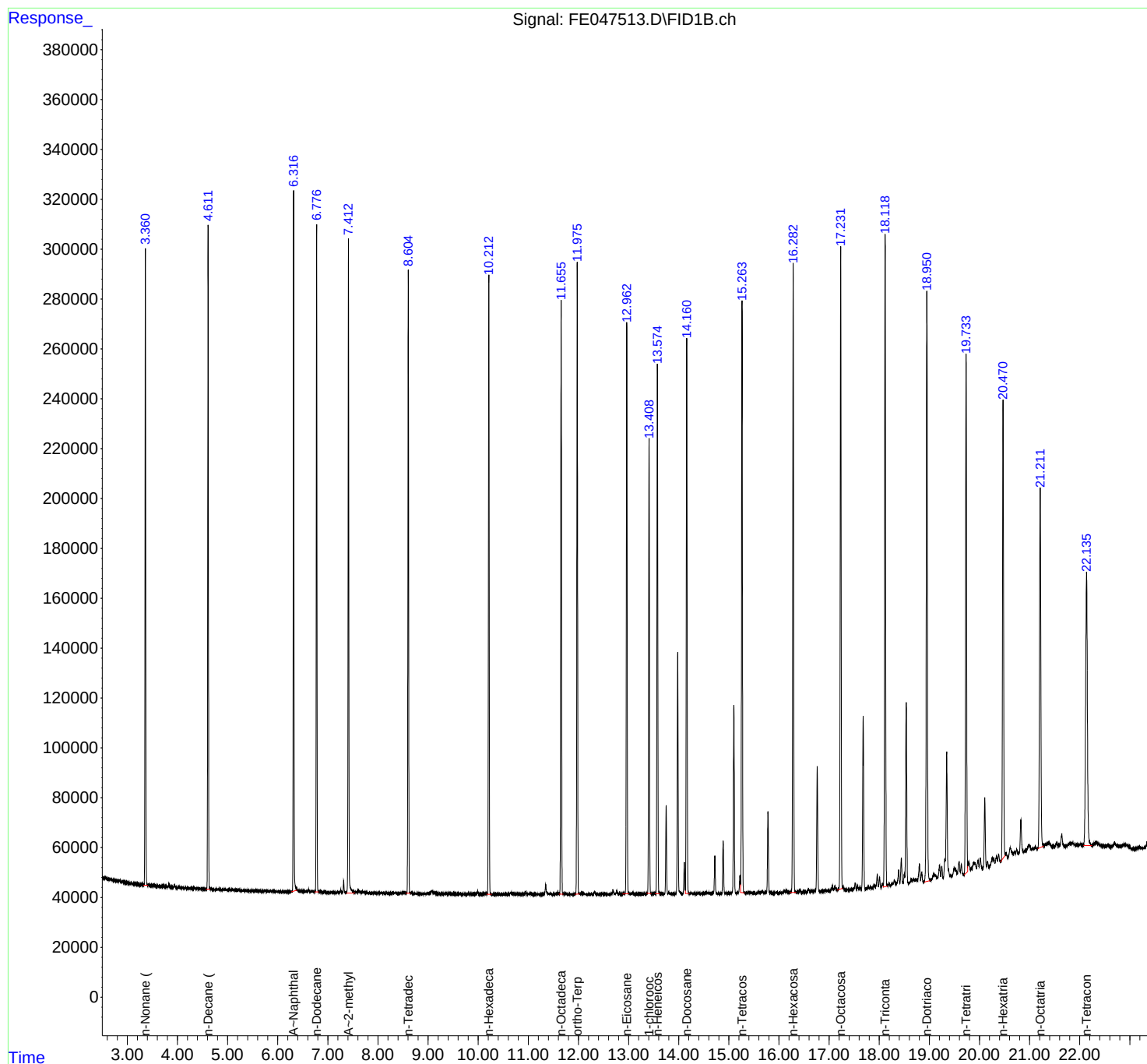
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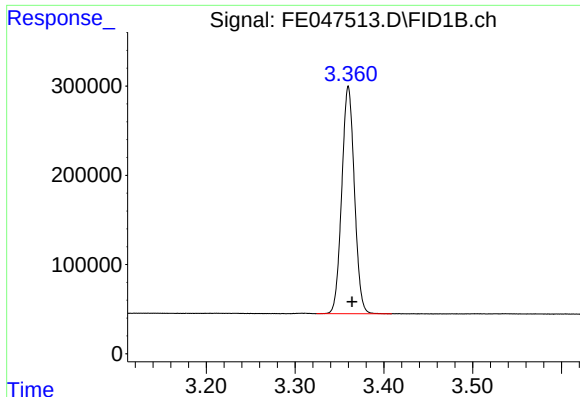
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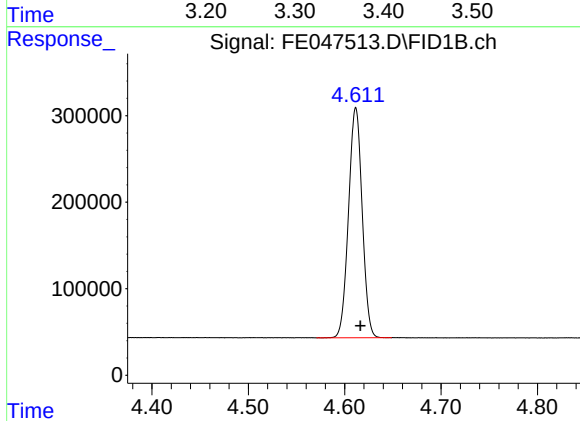
#1 n-Nonane (C9)

R.T.: 3.360 min
Delta R.T.: -0.004 min
Response: 2521035
Conc: 16.11 ug/ml

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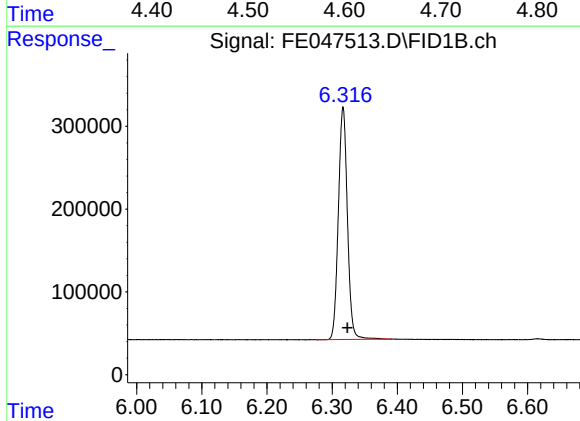
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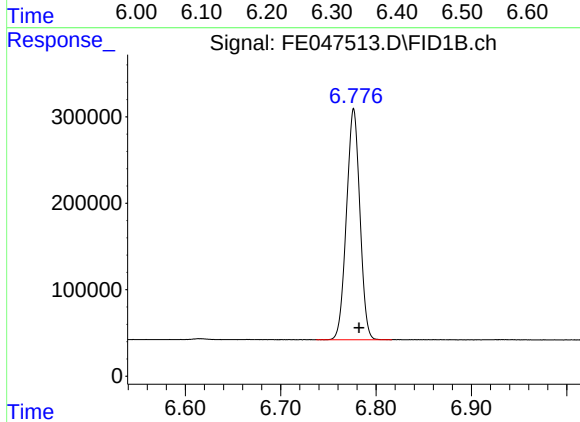
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: -0.005 min
Response: 2602554
Conc: 16.19 ug/ml



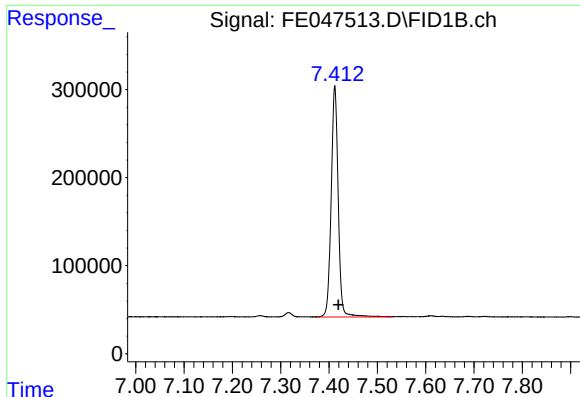
#3 A~Naphthalene (C11.7)

R.T.: 6.317 min
Delta R.T.: -0.007 min
Response: 2714516
Conc: 16.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.777 min
Delta R.T.: -0.006 min
Response: 2619036
Conc: 16.14 ug/ml



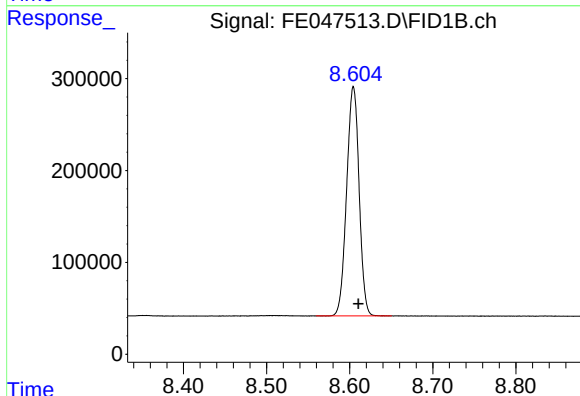
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.412 min
Delta R.T.: -0.008 min
Response: 2658975
Conc: 16.19 ug/ml

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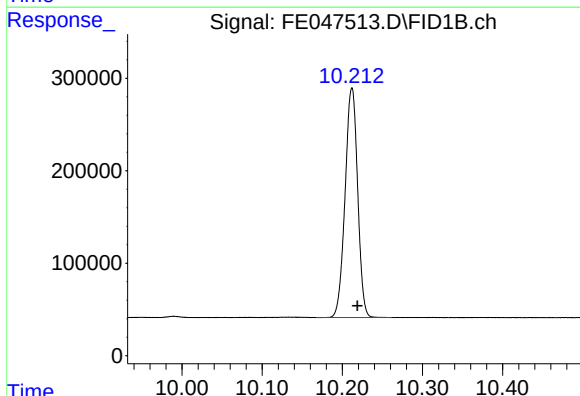
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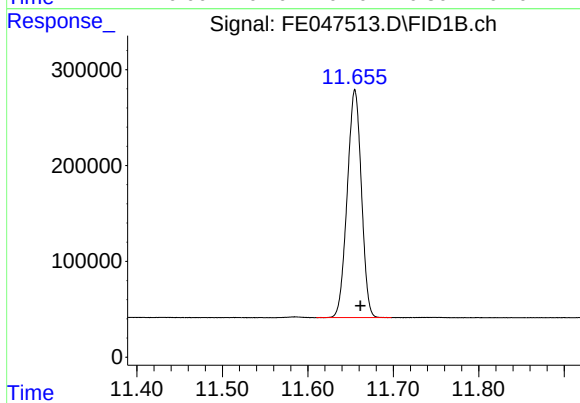
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: -0.006 min
Response: 2603440
Conc: 16.18 ug/ml



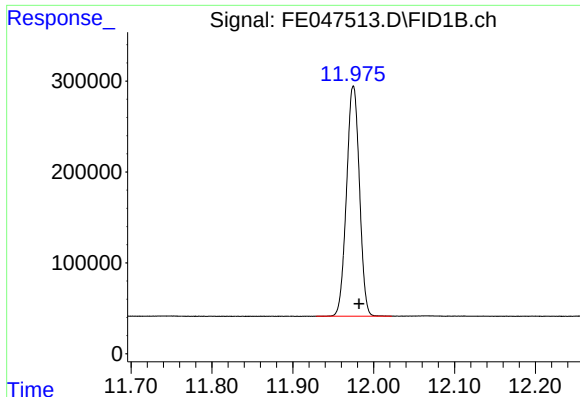
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: -0.007 min
Response: 2699858
Conc: 16.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.655 min
Delta R.T.: -0.006 min
Response: 2741439
Conc: 16.35 ug/ml



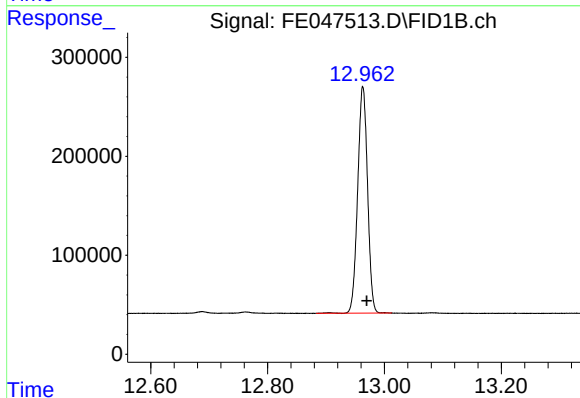
#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: -0.007 min
Response: 2808500
Conc: 16.19 ug/ml

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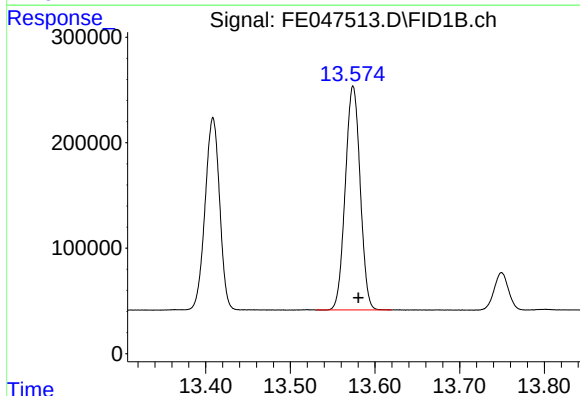
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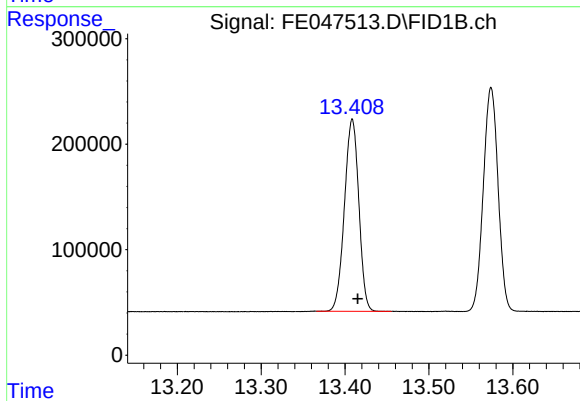
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: -0.006 min
Response: 2680622
Conc: 16.55 ug/ml



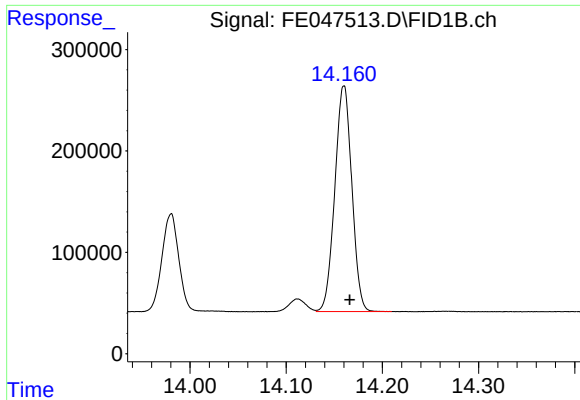
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.006 min
Response: 2592838
Conc: 16.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.409 min
Delta R.T.: -0.006 min
Response: 2171000
Conc: 16.14 ug/ml



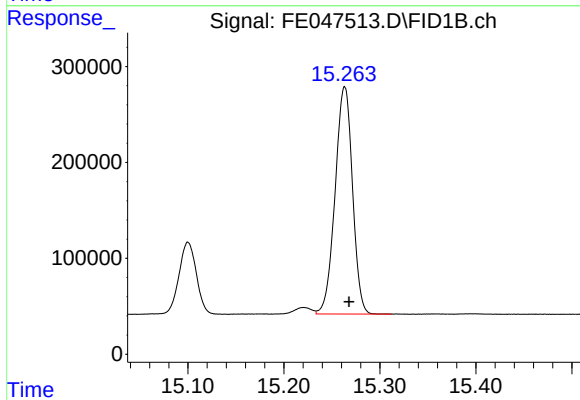
#13 n-Docosane (C22)

R.T.: 14.160 min
Delta R.T.: -0.006 min
Response: 2730509
Conc: 17.01 ug/ml

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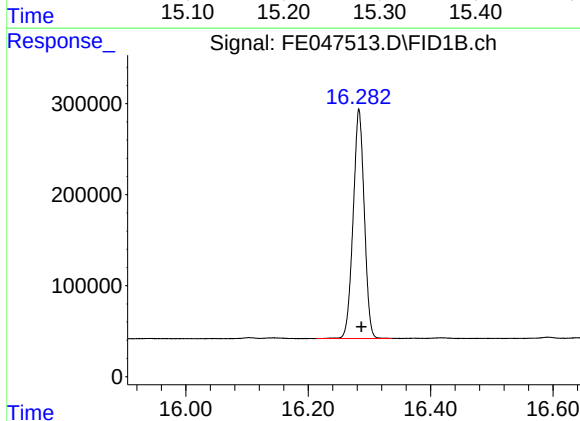
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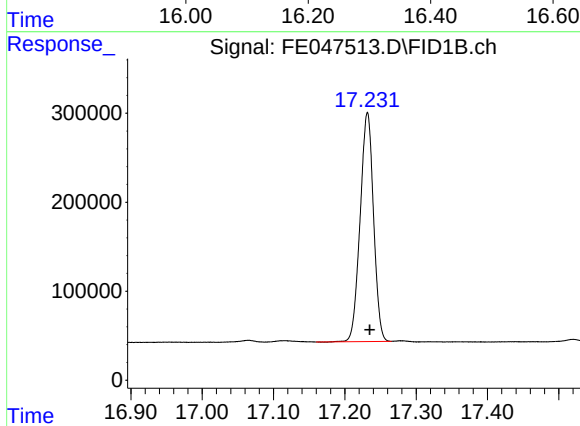
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: -0.004 min
Response: 2984565
Conc: 18.08 ug/ml



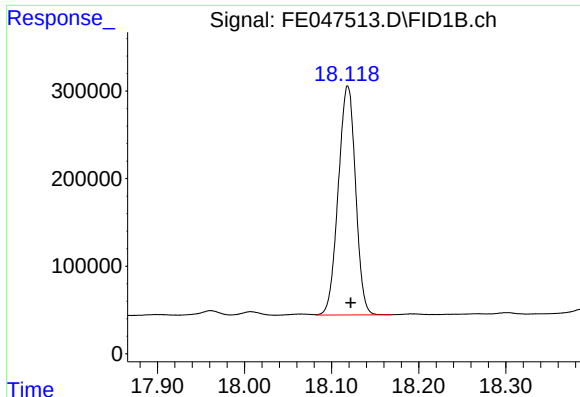
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: -0.004 min
Response: 3181710
Conc: 19.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.232 min
Delta R.T.: -0.003 min
Response: 3353960
Conc: 20.24 ug/ml



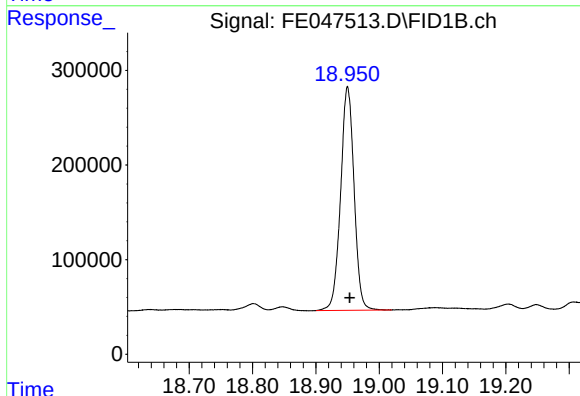
#17 n-Tricontane (C30)

R.T.: 18.119 min
Delta R.T.: -0.004 min
Response: 3606024
Conc: 21.24 ug/ml

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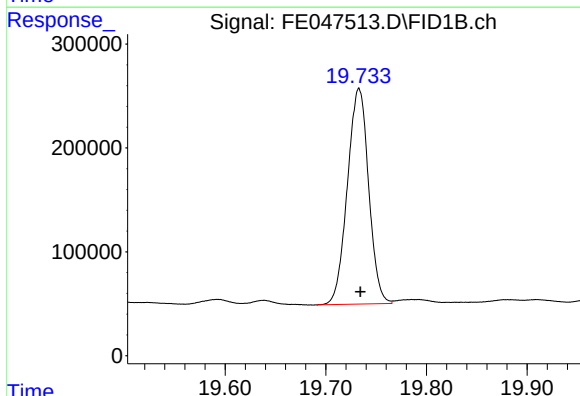
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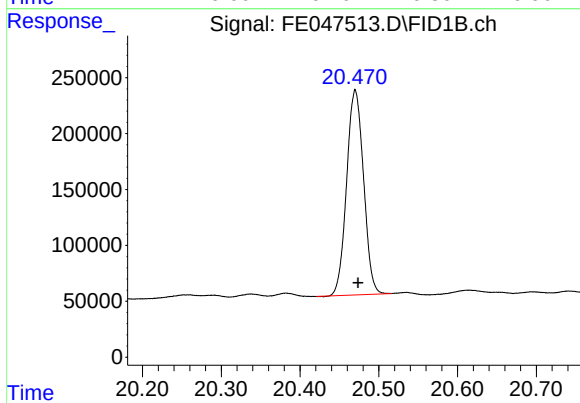
#18 n-Dotriacontane (C32)

R.T.: 18.950 min
Delta R.T.: -0.003 min
Response: 3497416
Conc: 20.97 ug/ml



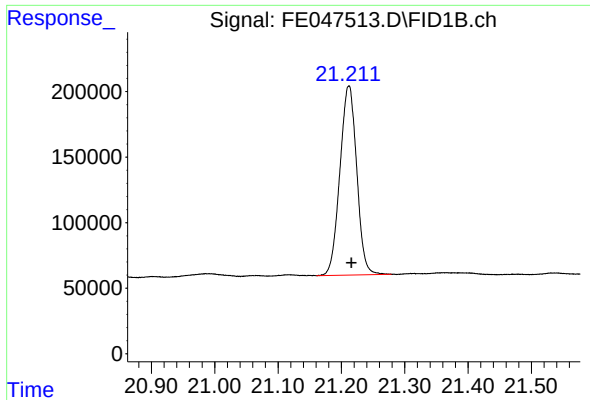
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.001 min
Response: 3045514
Conc: 18.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.470 min
Delta R.T.: -0.004 min
Response: 2735008
Conc: 17.15 ug/ml



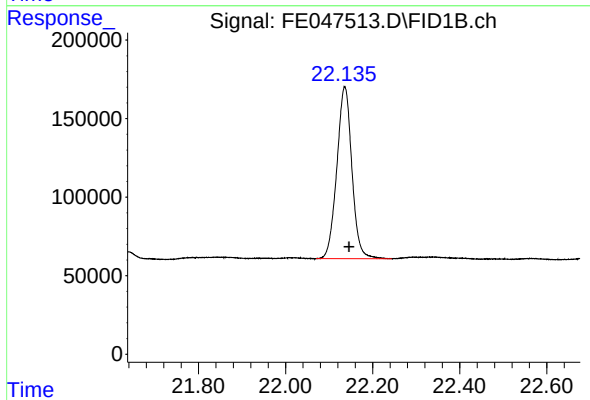
#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: -0.004 min
Response: 2665738
Conc: 16.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.136 min
Delta R.T.: -0.010 min
Response: 2625193
Conc: 16.03 ug/ml