

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061522AL\
 Data File : FE036068.D
 Signal(s) : FID1B.CH
 Acq On : 15 Jun 2022 20:58
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2022
 Supervised By :Ankita Jodhani 06/16/2022

Integration File: autoint1.e
 Quant Time: Jun 16 01:46:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 060922.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 09 16:49:15 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.866	2602052	19.050 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
12) S 1-chlorooctadecane (S...	12.306	2007893	19.213 ug/ml
Spiked Amount 50.000		Recovery =	38.43%
Target Compounds			
1) T n-Nonane (C9)	2.725	2549955	20.197 ug/ml
2) T n-Decane (C10)	3.735	2499562	20.069 ug/ml
3) T A~Naphthalene (C11.7)	5.294	2728797	19.604 ug/ml
4) T n-Dodecane (C12)	5.724	2477183	19.695 ug/ml
5) T A~2-methylnaphthalene...	6.342	2719306	19.459 ug/ml
6) T n-Tetradecane (C14)	7.516	2413430	19.310 ug/ml
7) T n-Hexadecane (C16)	9.115	2368124	19.349 ug/ml
8) T n-Octadecane (C18)	10.554	2355125	19.349 ug/ml
10) T n-Eicosane (C20)	11.863	2318888	19.201 ug/ml
11) T n-Heneicosane (C21)	12.475	2324161	19.193 ug/ml
13) T n-Docosane (C22)	13.061	2316759	19.180 ug/ml
14) T n-Tetracosane (C24)	14.163	2319113	19.104 ug/ml
15) T n-Hexacosane (C26)	15.183	2298599	18.925 ug/ml
16) T n-Octacosane (C28)	16.132	2287442	18.800 ug/ml
17) T n-Tricontane (C30)	17.020	2273699	18.777 ug/ml
18) T n-Dotriacontane (C32)	17.852	2188223	18.730 ug/ml
19) T n-Tetratriacontane (C34)	18.635	2062898	18.853 ug/mlm
20) T n-Hexatriacontane (C36)	19.374	2003752	19.639 ug/ml
21) T n-Octatriacontane (C38)	20.102	1861091	18.921 ug/ml
22) T n-Tetracontane (C40)	20.992	1919605	19.713 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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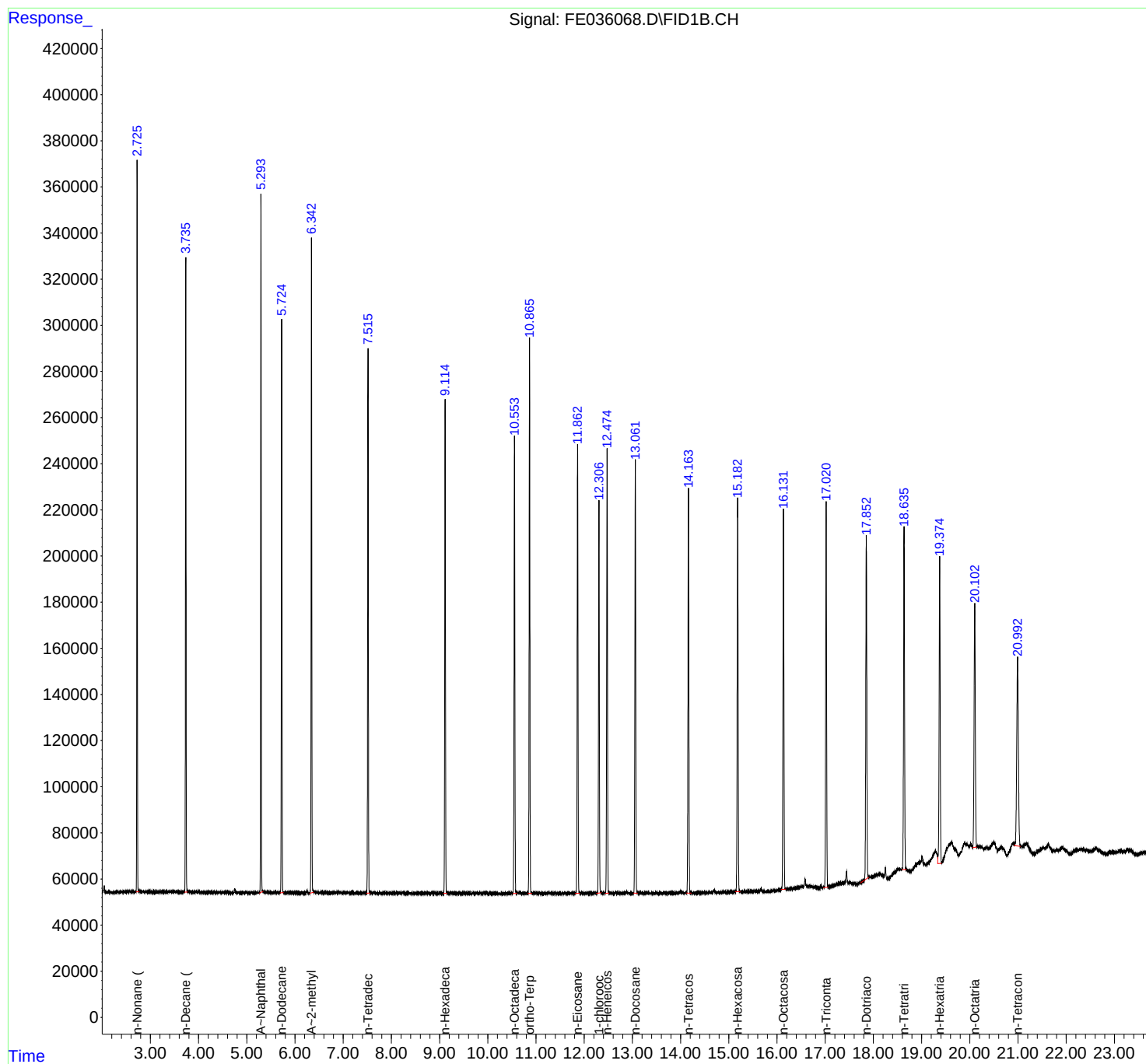
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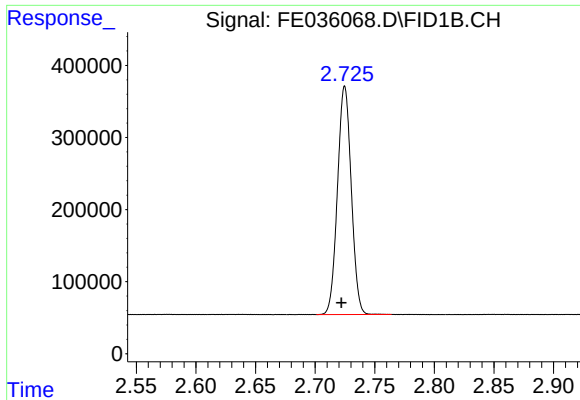
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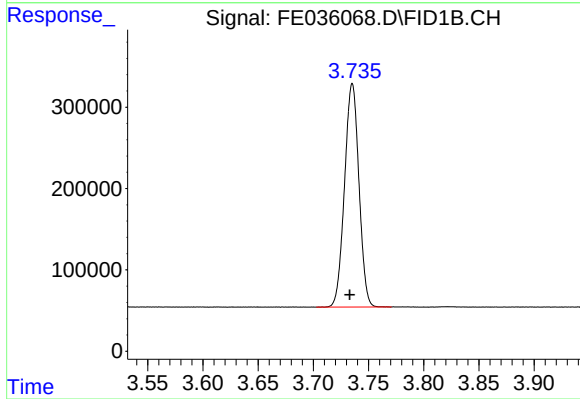
#1 n-Nonane (C9)

R.T.: 2.725 min
Delta R.T.: 0.003 min
Response: 2549955
Conc: 20.20 ug/ml

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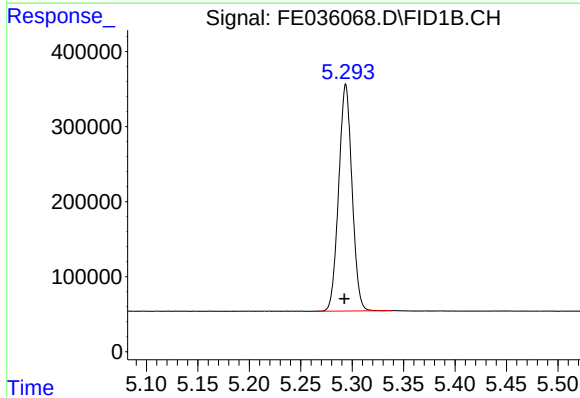
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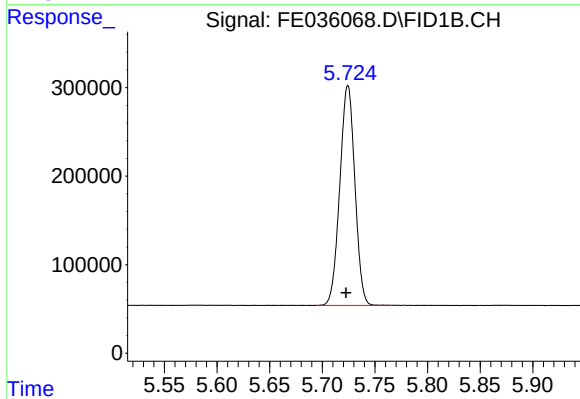
#2 n-Decane (C10)

R.T.: 3.735 min
Delta R.T.: 0.002 min
Response: 2499562
Conc: 20.07 ug/ml



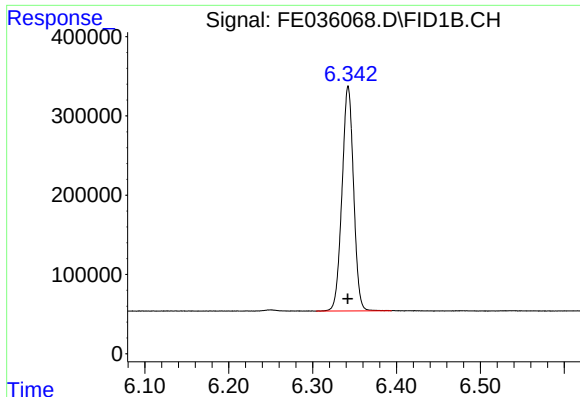
#3 A~Naphthalene (C11.7)

R.T.: 5.294 min
Delta R.T.: 0.001 min
Response: 2728797
Conc: 19.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.724 min
Delta R.T.: 0.002 min
Response: 2477183
Conc: 19.70 ug/ml



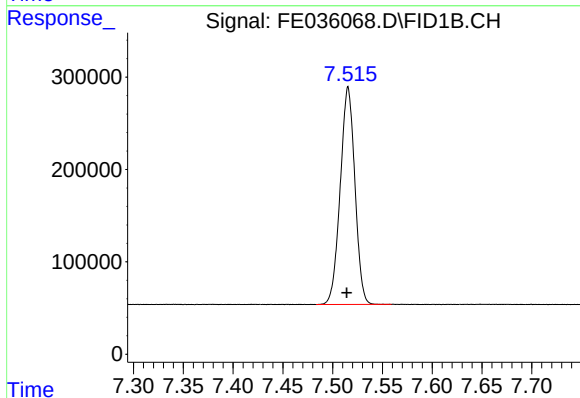
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 2719306
Conc: 19.46 ug/ml

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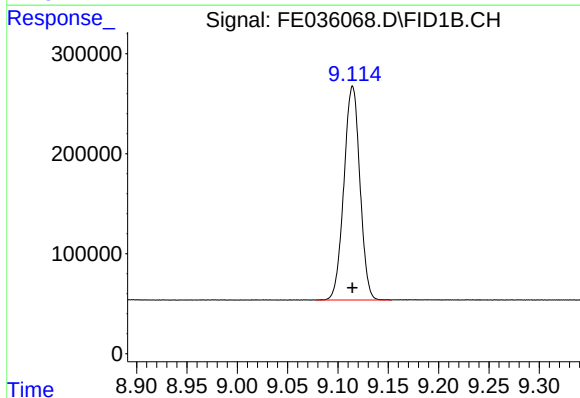
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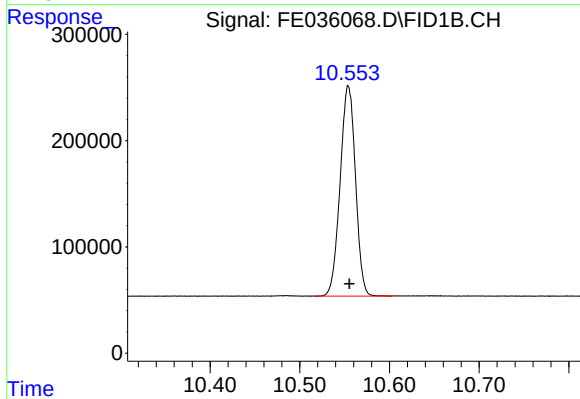
#6 n-Tetradecane (C14)

R.T.: 7.516 min
Delta R.T.: 0.001 min
Response: 2413430
Conc: 19.31 ug/ml



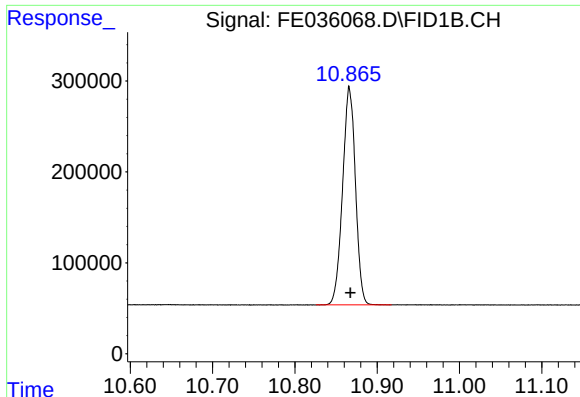
#7 n-Hexadecane (C16)

R.T.: 9.115 min
Delta R.T.: 0.000 min
Response: 2368124
Conc: 19.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.554 min
Delta R.T.: -0.001 min
Response: 2355125
Conc: 19.35 ug/ml



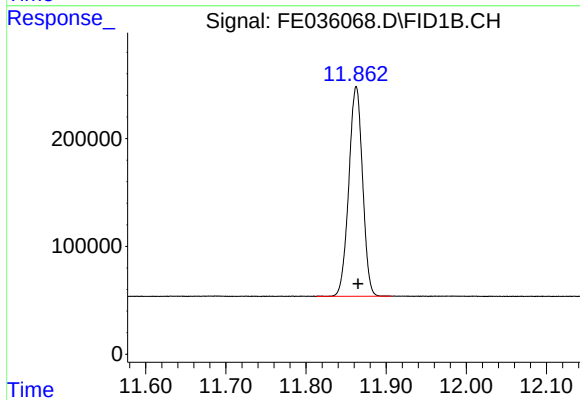
#9 ortho-Terphenyl (SURR)

R.T.: 10.866 min
Delta R.T.: -0.002 min
Response: 2602052
Conc: 19.05 ug/ml

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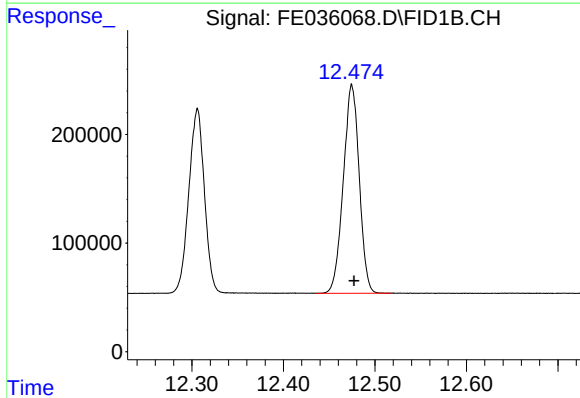
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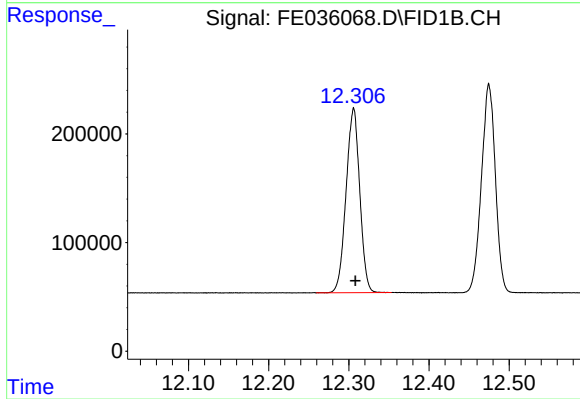
#10 n-Eicosane (C20)

R.T.: 11.863 min
Delta R.T.: -0.002 min
Response: 2318888
Conc: 19.20 ug/ml



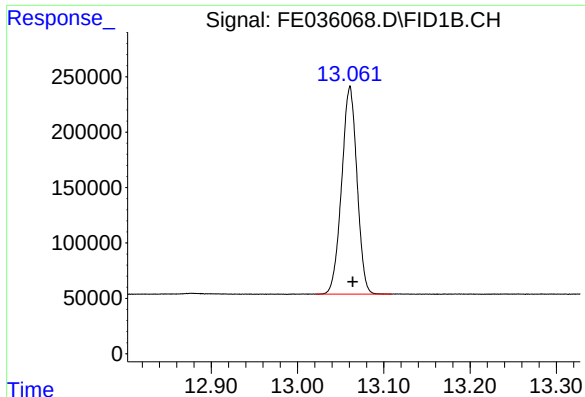
#11 n-Heneicosane (C21)

R.T.: 12.475 min
Delta R.T.: -0.003 min
Response: 2324161
Conc: 19.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.306 min
Delta R.T.: -0.002 min
Response: 2007893
Conc: 19.21 ug/ml



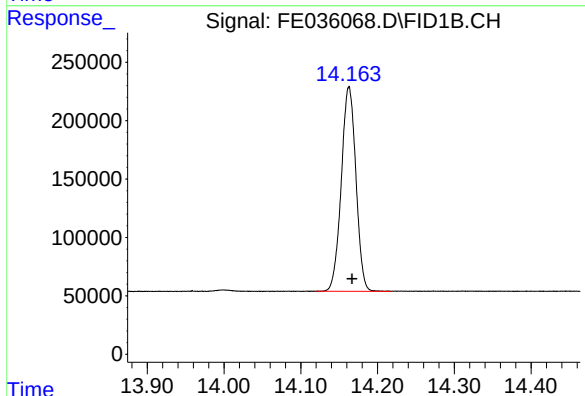
#13 n-Docosane (C22)

R.T.: 13.061 min
Delta R.T.: -0.003 min
Response: 2316759
Conc: 19.18 ug/ml

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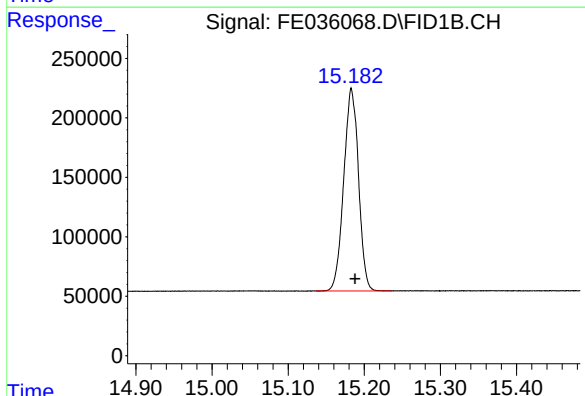
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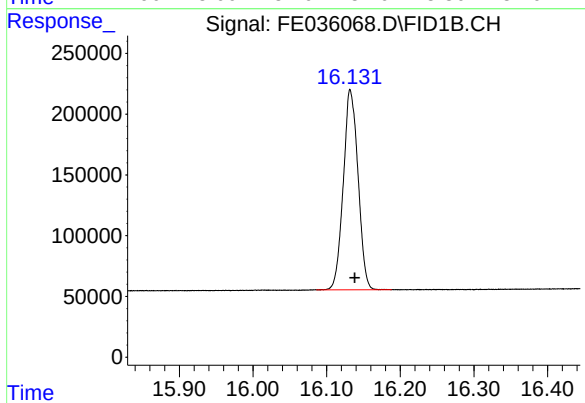
#14 n-Tetracosane (C24)

R.T.: 14.163 min
Delta R.T.: -0.004 min
Response: 2319113
Conc: 19.10 ug/ml



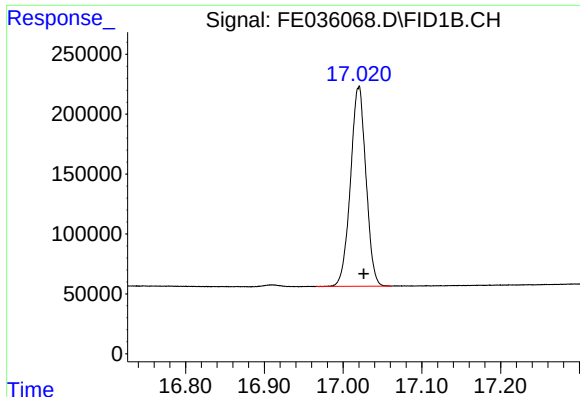
#15 n-Hexacosane (C26)

R.T.: 15.183 min
Delta R.T.: -0.005 min
Response: 2298599
Conc: 18.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.132 min
Delta R.T.: -0.006 min
Response: 2287442
Conc: 18.80 ug/ml



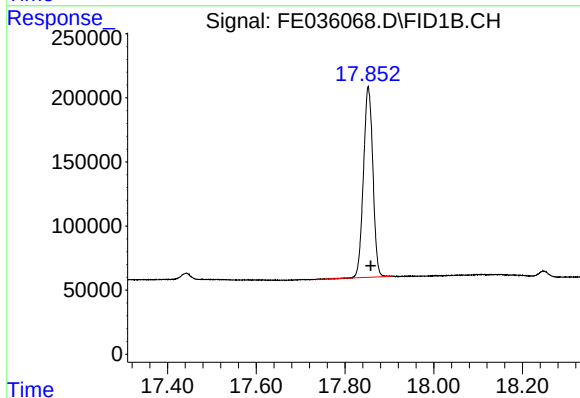
#17 n-Tricontane (C30)

R.T.: 17.020 min
Delta R.T.: -0.006 min
Response: 2273699
Conc: 18.78 ug/ml

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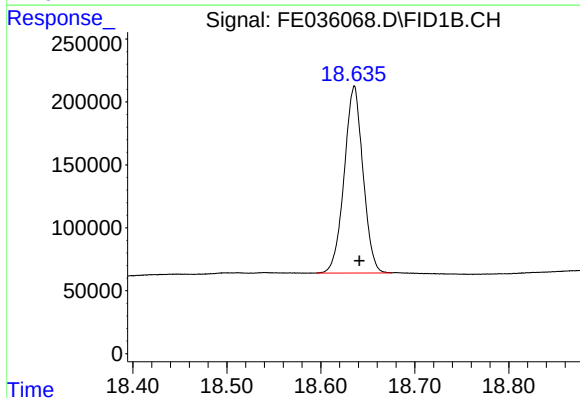
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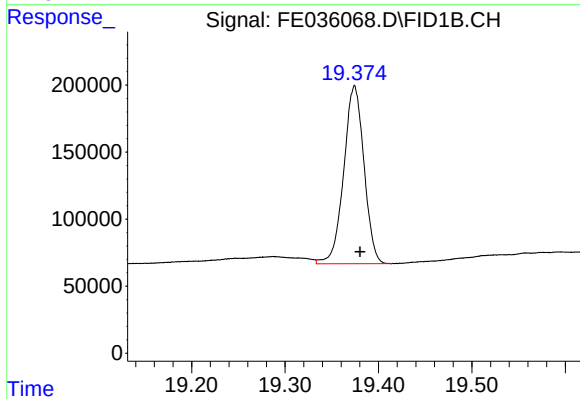
#18 n-Dotriacontane (C32)

R.T.: 17.852 min
Delta R.T.: -0.006 min
Response: 2188223
Conc: 18.73 ug/ml



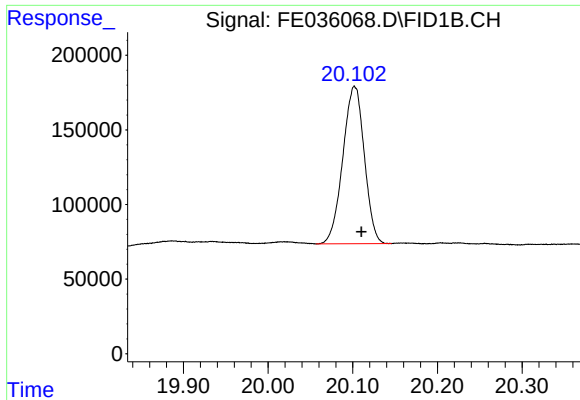
#19 n-Tetratriacontane (C34)

R.T.: 18.635 min
Delta R.T.: -0.006 min
Response: 2062898
Conc: 18.85 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.374 min
Delta R.T.: -0.006 min
Response: 2003752
Conc: 19.64 ug/ml



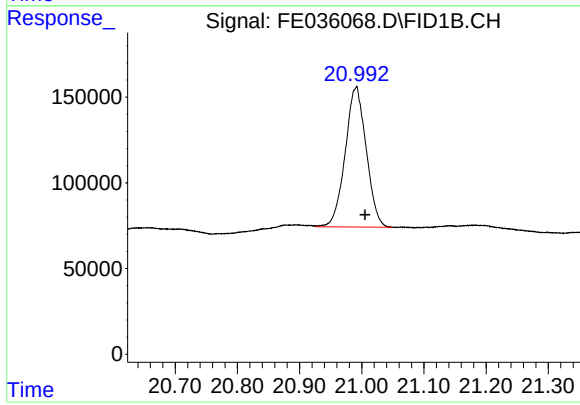
#21 n-Octatriacontane (C38)

R.T.: 20.102 min
Delta R.T.: -0.008 min
Response: 1861091
Conc: 18.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.992 min
Delta R.T.: -0.013 min
Response: 1919605
Conc: 19.71 ug/ml m