

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060722AL\
 Data File : FE035946.D
 Signal(s) : FID1B.CH
 Acq On : 07 Jun 2022 10:05
 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 06/08/2022
 Supervised By :Ankita Jodhani 06/08/2022

Integration File: sample.E
 Quant Time: Jun 08 03:32:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:24:10 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)	10.947	2646776	19.953 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
12) S 1-chlorooctadecane (S...	12.377	2035666	19.461 ug/ml
Spiked Amount 50.000		Recovery =	38.92%
Target Compounds			
1) T n-Nonane (C9)	2.801	2535313	21.228 ug/ml
2) T n-Decane (C10)	3.814	2523092	21.321 ug/ml
3) T A~Naphthalene (C11.7)	5.381	2736231	20.477 ug/ml
4) T n-Dodecane (C12)	5.804	2515214	20.994 ug/ml
5) T A~2-methylnaphthalene...	6.430	2733623	20.214 ug/ml
6) T n-Tetradecane (C14)	7.592	2473246	20.751 ug/ml
7) T n-Hexadecane (C16)	9.189	2445109	20.506 ug/ml
8) T n-Octadecane (C18)	10.628	2424757	20.227 ug/ml
10) T n-Eicosane (C20)	11.933	2374759	19.906 ug/ml
11) T n-Heneicosane (C21)	12.545	2372574	19.761 ug/ml
13) T n-Docosane (C22)	13.129	2363213	19.624 ug/ml
14) T n-Tetracosane (C24)	14.228	2357779	19.486 ug/ml
15) T n-Hexacosane (C26)	15.248	2333151	19.280 ug/ml
16) T n-Octacosane (C28)	16.195	2340504	19.312 ug/ml
17) T n-Tricontane (C30)	17.079	2362032	19.644 ug/ml
18) T n-Dotriacontane (C32)	17.909	2285394	19.886 ug/ml
19) T n-Tetratriacontane (C34)	18.692	2164193	20.006 ug/ml
20) T n-Hexatriacontane (C36)	19.427	2048157	20.332 ug/mlm
21) T n-Octatriacontane (C38)	20.164	1999005	20.981 ug/ml
22) T n-Tetracontane (C40)	21.077	2033311	21.773 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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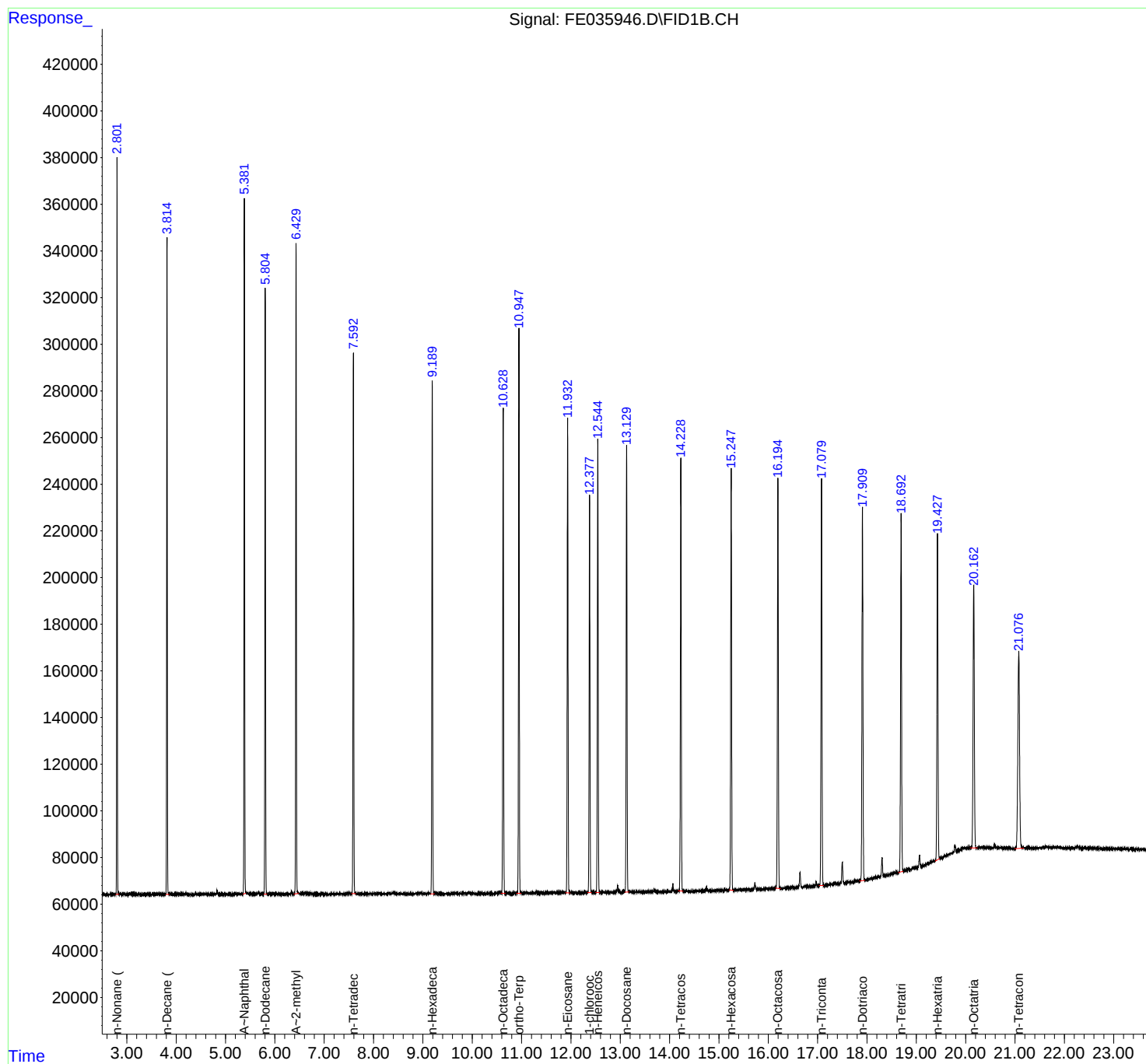
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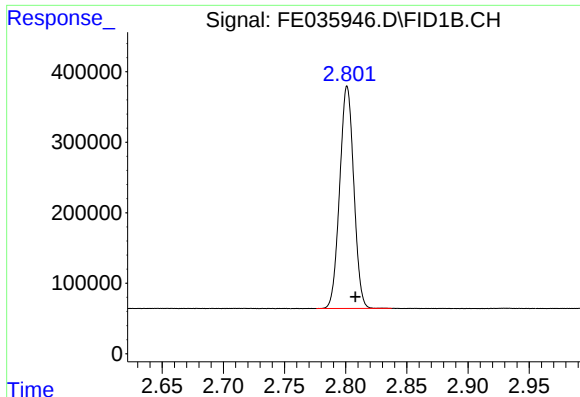
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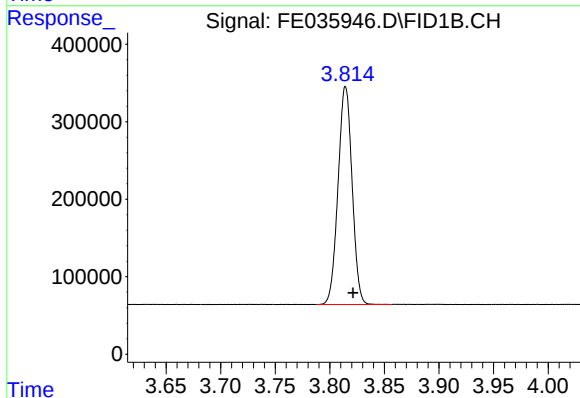
#1 n-Nonane (C9)

R.T.: 2.801 min
Delta R.T.: -0.007 min
Response: 2535313
Conc: 21.23 ug/ml

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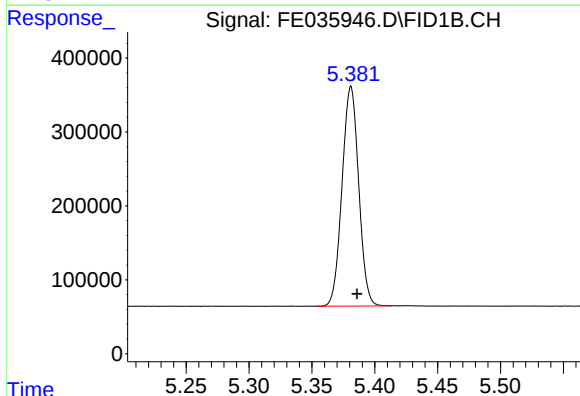
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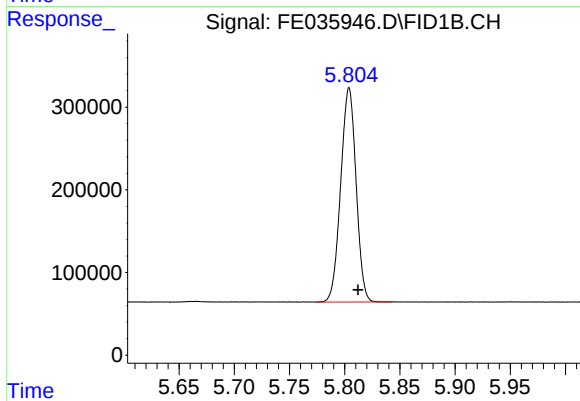
#2 n-Decane (C10)

R.T.: 3.814 min
Delta R.T.: -0.007 min
Response: 2523092
Conc: 21.32 ug/ml



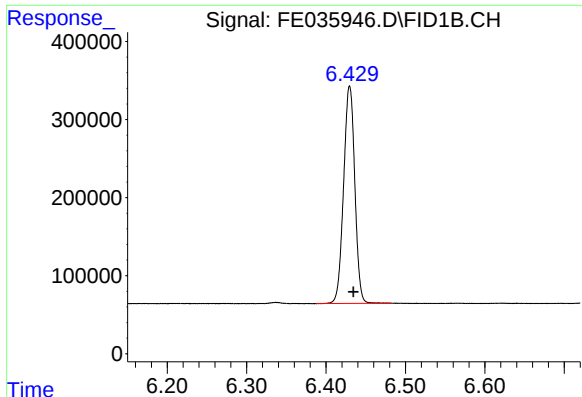
#3 A~Naphthalene (C11.7)

R.T.: 5.381 min
Delta R.T.: -0.005 min
Response: 2736231
Conc: 20.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.804 min
Delta R.T.: -0.008 min
Response: 2515214
Conc: 20.99 ug/ml



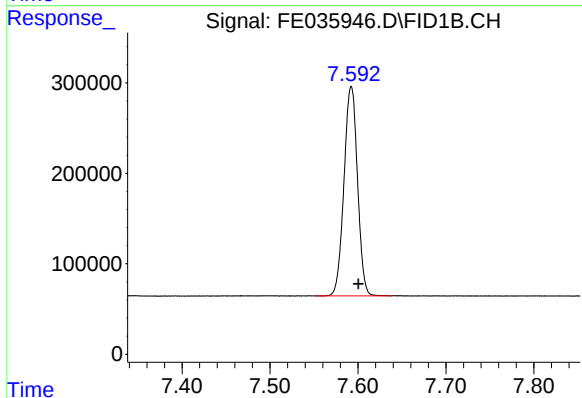
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.430 min
Delta R.T.: -0.005 min
Response: 2733623
Conc: 20.21 ug/ml

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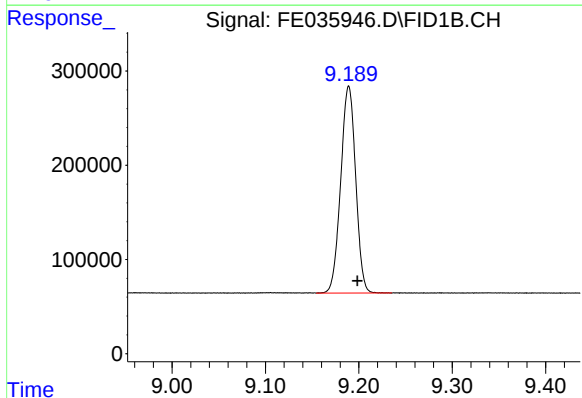
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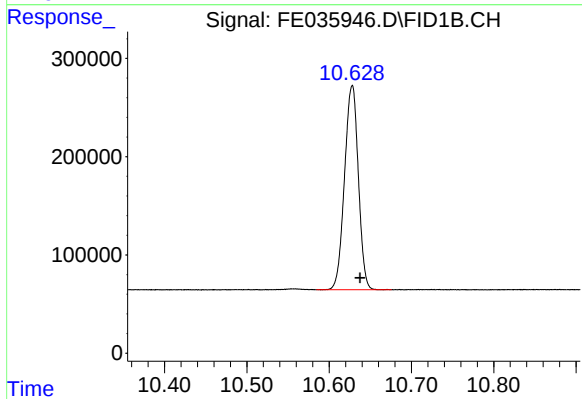
#6 n-Tetradecane (C14)

R.T.: 7.592 min
Delta R.T.: -0.008 min
Response: 2473246
Conc: 20.75 ug/ml



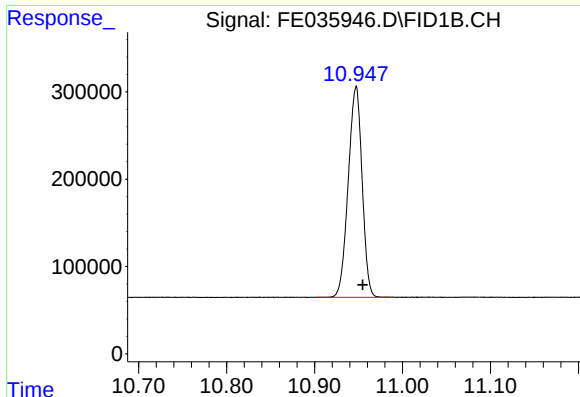
#7 n-Hexadecane (C16)

R.T.: 9.189 min
Delta R.T.: -0.009 min
Response: 2445109
Conc: 20.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.628 min
Delta R.T.: -0.009 min
Response: 2424757
Conc: 20.23 ug/ml



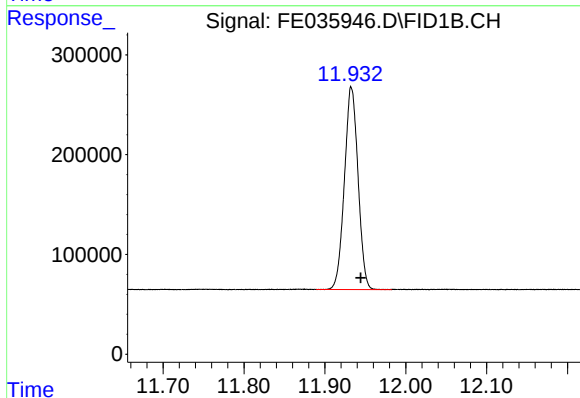
#9 ortho-Terphenyl (SURR)

R.T.: 10.947 min
Delta R.T.: -0.008 min
Response: 2646776
Conc: 19.95 ug/ml

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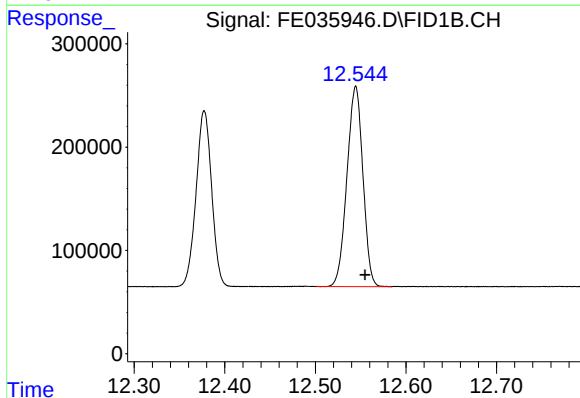
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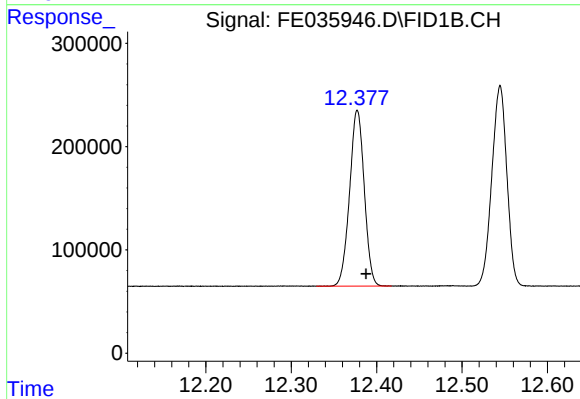
#10 n-Eicosane (C20)

R.T.: 11.933 min
Delta R.T.: -0.011 min
Response: 2374759
Conc: 19.91 ug/ml



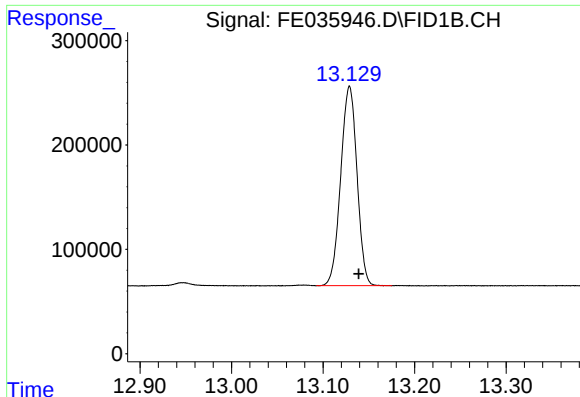
#11 n-Heneicosane (C21)

R.T.: 12.545 min
Delta R.T.: -0.010 min
Response: 2372574
Conc: 19.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.377 min
Delta R.T.: -0.010 min
Response: 2035666
Conc: 19.46 ug/ml



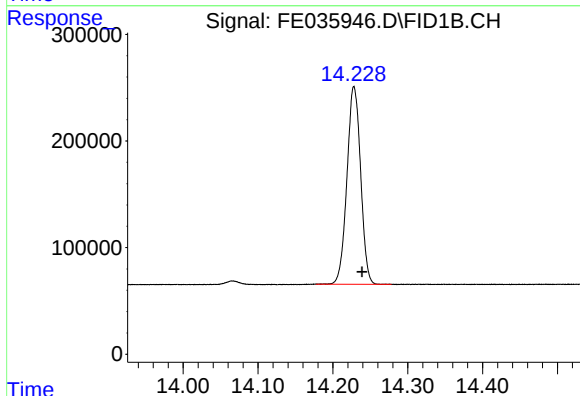
#13 n-Docosane (C22)

R.T.: 13.129 min
Delta R.T.: -0.010 min
Response: 2363213
Conc: 19.62 ug/ml

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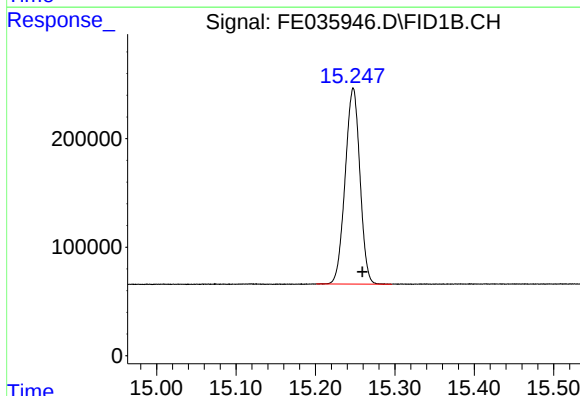
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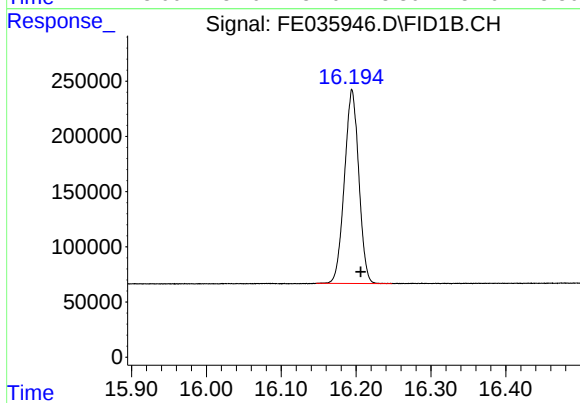
#14 n-Tetracosane (C24)

R.T.: 14.228 min
Delta R.T.: -0.011 min
Response: 2357779
Conc: 19.49 ug/ml



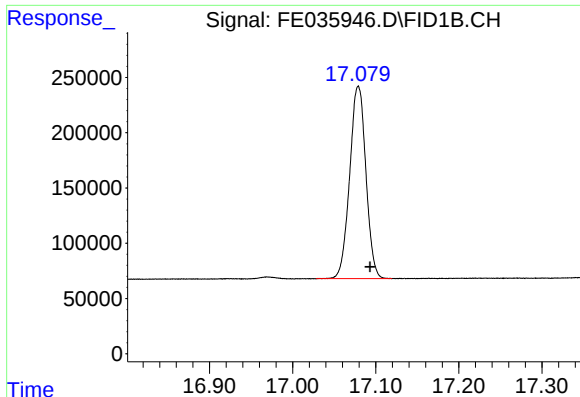
#15 n-Hexacosane (C26)

R.T.: 15.248 min
Delta R.T.: -0.011 min
Response: 2333151
Conc: 19.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.195 min
Delta R.T.: -0.012 min
Response: 2340504
Conc: 19.31 ug/ml



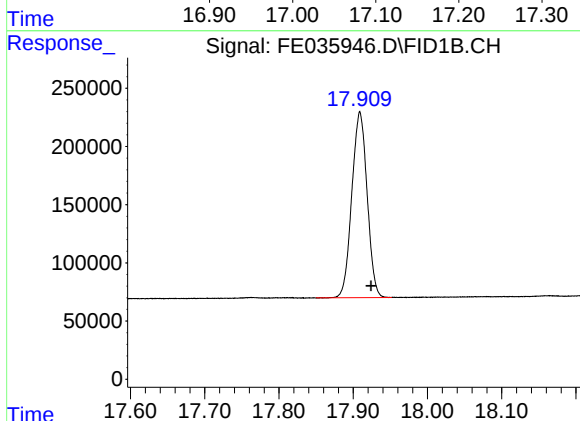
#17 n-Tricontane (C30)

R.T.: 17.079 min
Delta R.T.: -0.014 min
Response: 2362032
Conc: 19.64 ug/ml

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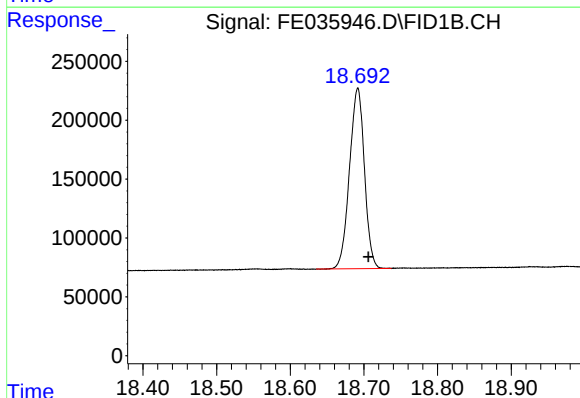
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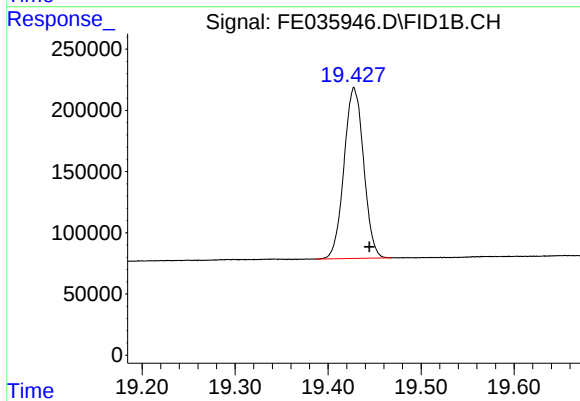
#18 n-Dotriacontane (C32)

R.T.: 17.909 min
Delta R.T.: -0.015 min
Response: 2285394
Conc: 19.89 ug/ml



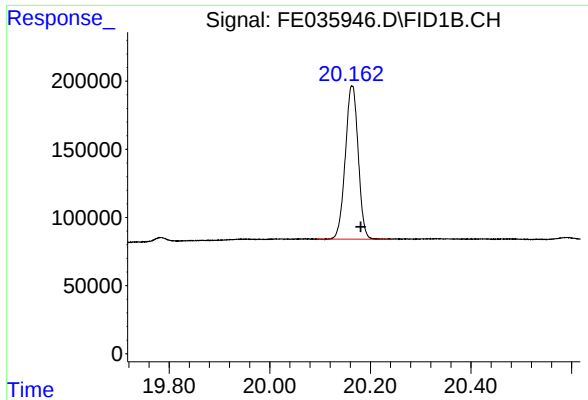
#19 n-Tetratriacontane (C34)

R.T.: 18.692 min
Delta R.T.: -0.014 min
Response: 2164193
Conc: 20.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.427 min
Delta R.T.: -0.017 min
Response: 2048157
Conc: 20.33 ug/ml m



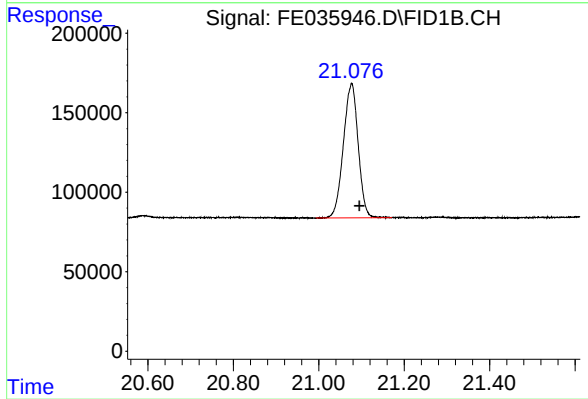
#21 n-Octatriacontane (C38)

R.T.: 20.164 min
Delta R.T.: -0.017 min
Response: 1999005
Conc: 20.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.077 min
Delta R.T.: -0.018 min
Response: 2033311
Conc: 21.77 ug/ml