

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060722AL\
 Data File : FE035975.D
 Signal(s) : FID1B.CH
 Acq On : 08 Jun 2022 5:02
 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 05:58:33 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	2666808	20.104 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
12) S 1-chlorooctadecane (S...	12.378	2064888	19.740 ug/ml
Spiked Amount 50.000		Recovery =	39.48%
Target Compounds			
1) T n-Nonane (C9)	2.801	2480736	20.771 ug/ml
2) T n-Decane (C10)	3.815	2470127	20.874 ug/ml
3) T A~Naphthalene (C11.7)	5.381	2708114	20.267 ug/ml
4) T n-Dodecane (C12)	5.804	2468695	20.606 ug/ml
5) T A~2-methylnaphthalene...	6.430	2712306	20.057 ug/ml
6) T n-Tetradecane (C14)	7.593	2438269	20.457 ug/ml
7) T n-Hexadecane (C16)	9.189	2424516	20.333 ug/ml
8) T n-Octadecane (C18)	10.628	2426157	20.239 ug/ml
10) T n-Eicosane (C20)	11.935	2394192	20.069 ug/ml
11) T n-Heneicosane (C21)	12.545	2393401	19.934 ug/ml
13) T n-Docosane (C22)	13.129	2394983	19.887 ug/ml
14) T n-Tetracosane (C24)	14.229	2406112	19.885 ug/ml
15) T n-Hexacosane (C26)	15.248	2376612	19.639 ug/ml
16) T n-Octacosane (C28)	16.196	2392457	19.740 ug/ml
17) T n-Tricontane (C30)	17.080	2422887	20.150 ug/ml
18) T n-Dotriacontane (C32)	17.911	2340894	20.369 ug/ml
19) T n-Tetratriacontane (C34)	18.692	2235410	20.665 ug/mlm
20) T n-Hexatriacontane (C36)	19.429	2174993	21.591 ug/mlm
21) T n-Octatriacontane (C38)	20.165	2083271	21.866 ug/ml
22) T n-Tetracontane (C40)	21.076	2173977	23.279 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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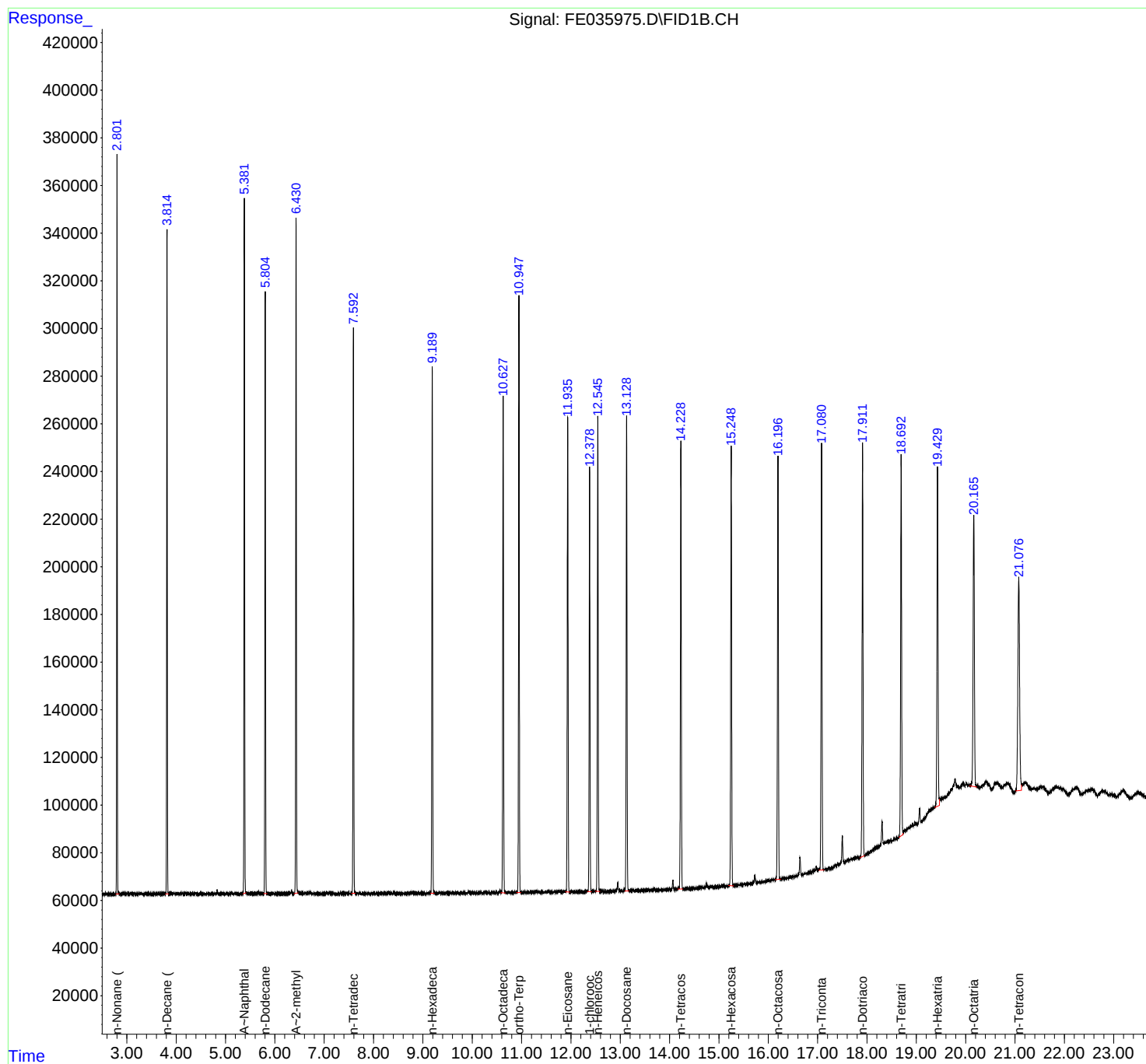
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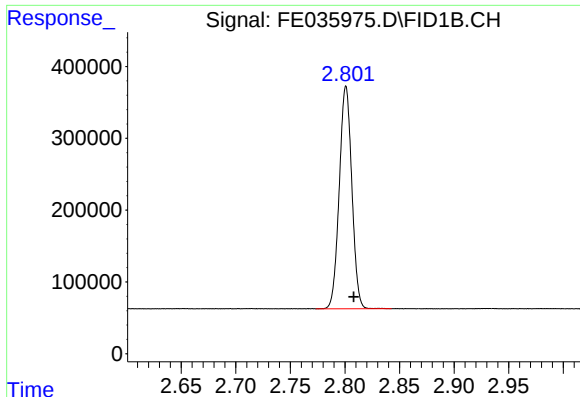
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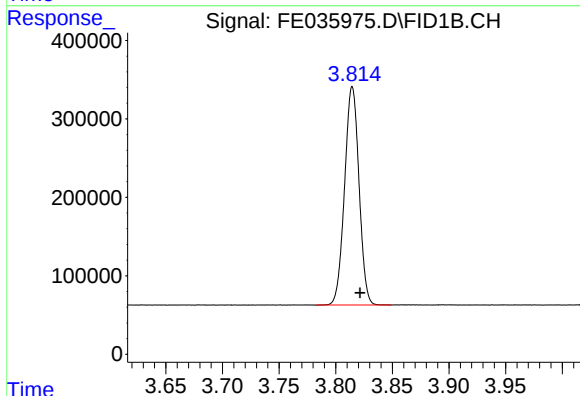
#1 n-Nonane (C9)

R.T.: 2.801 min
Delta R.T.: -0.007 min
Response: 2480736
Conc: 20.77 ug/ml

Instrument : FID_E
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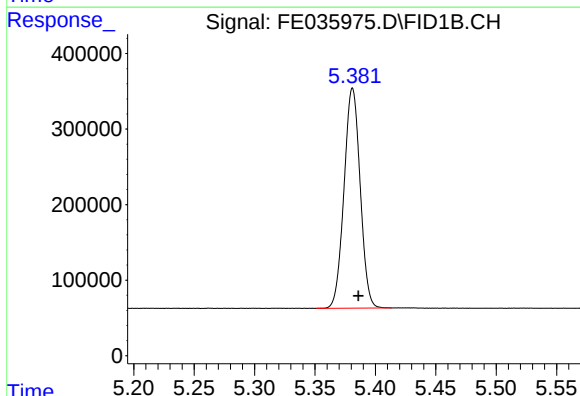
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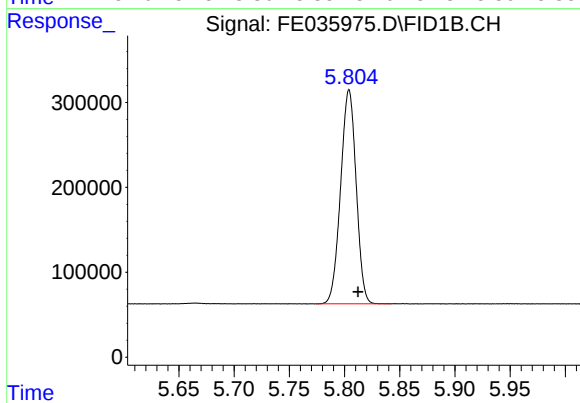
#2 n-Decane (C10)

R.T.: 3.815 min
Delta R.T.: -0.007 min
Response: 2470127
Conc: 20.87 ug/ml



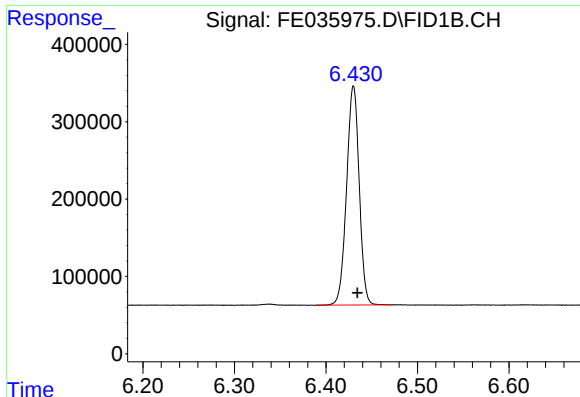
#3 A~Naphthalene (C11.7)

R.T.: 5.381 min
Delta R.T.: -0.005 min
Response: 2708114
Conc: 20.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.804 min
Delta R.T.: -0.008 min
Response: 2468695
Conc: 20.61 ug/ml



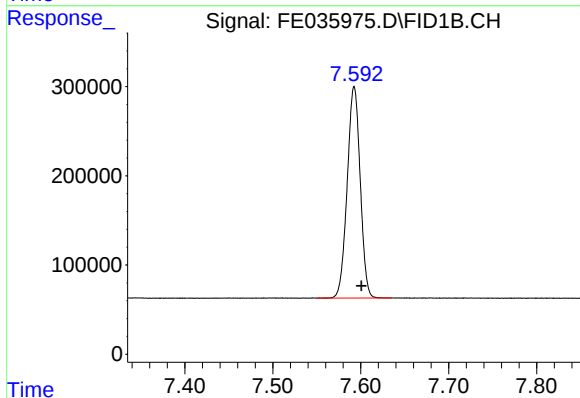
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.430 min
Delta R.T.: -0.004 min
Response: 2712306
Conc: 20.06 ug/ml

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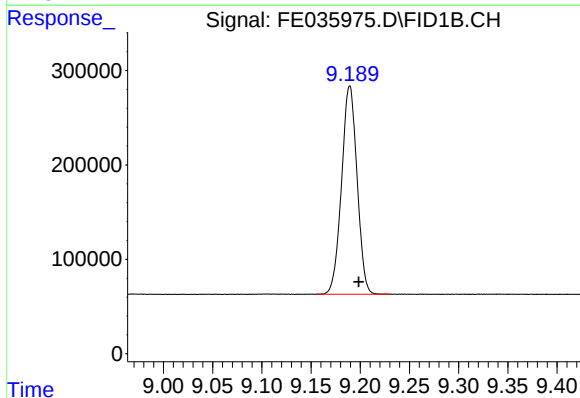
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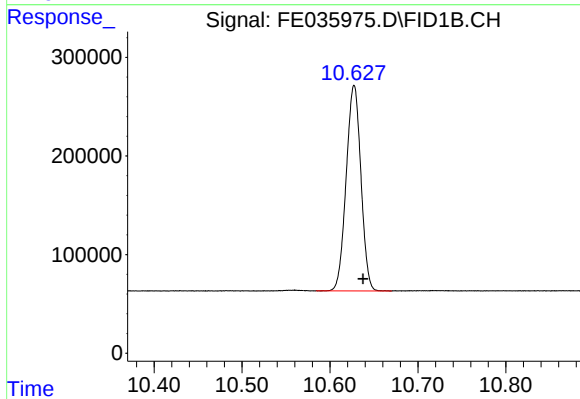
#6 n-Tetradecane (C14)

R.T.: 7.593 min
Delta R.T.: -0.008 min
Response: 2438269
Conc: 20.46 ug/ml



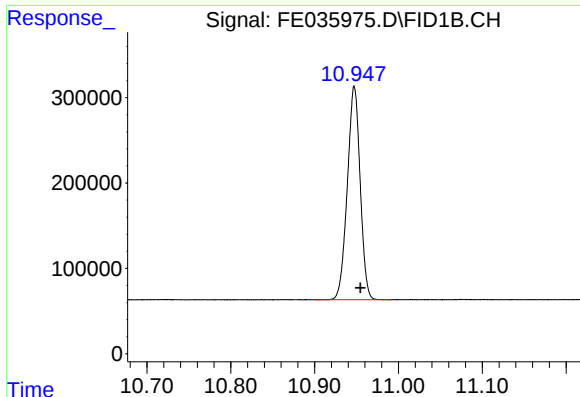
#7 n-Hexadecane (C16)

R.T.: 9.189 min
Delta R.T.: -0.009 min
Response: 2424516
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.628 min
Delta R.T.: -0.010 min
Response: 2426157
Conc: 20.24 ug/ml



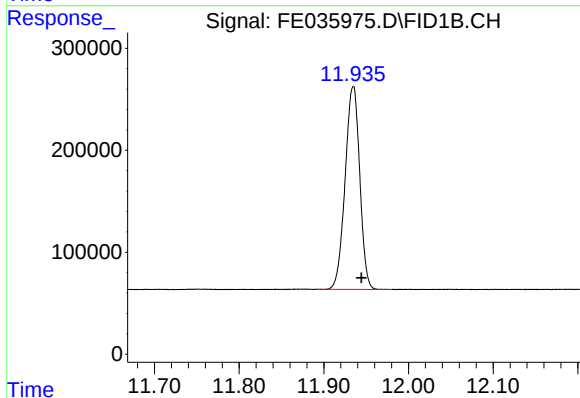
#9 ortho-Terphenyl (SURR)

R.T.: 10.947 min
Delta R.T.: -0.007 min
Response: 2666808
Conc: 20.10 ug/ml

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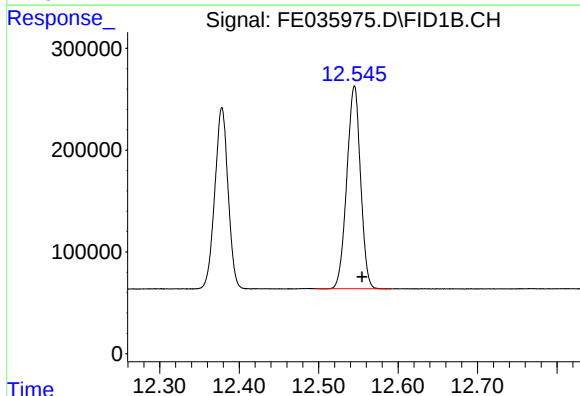
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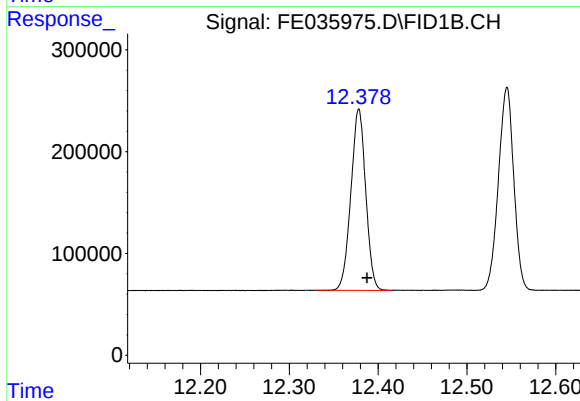
#10 n-Eicosane (C20)

R.T.: 11.935 min
Delta R.T.: -0.009 min
Response: 2394192
Conc: 20.07 ug/ml



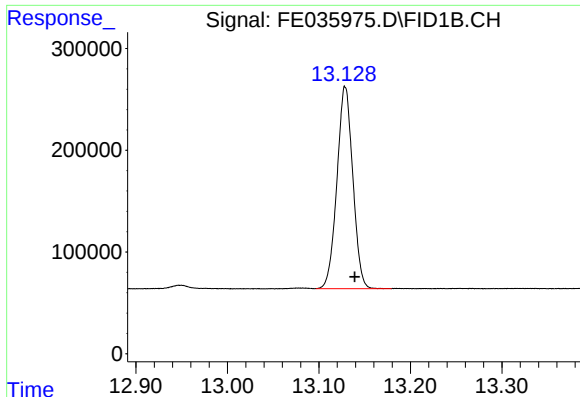
#11 n-Heneicosane (C21)

R.T.: 12.545 min
Delta R.T.: -0.010 min
Response: 2393401
Conc: 19.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.378 min
Delta R.T.: -0.009 min
Response: 2064888
Conc: 19.74 ug/ml



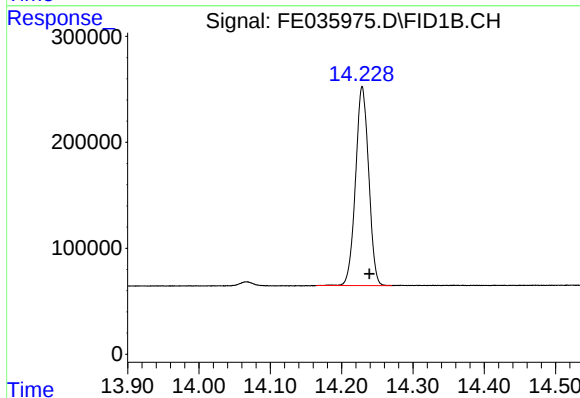
#13 n-Docosane (C22)

R.T.: 13.129 min
Delta R.T.: -0.010 min
Response: 2394983
Conc: 19.89 ug/ml

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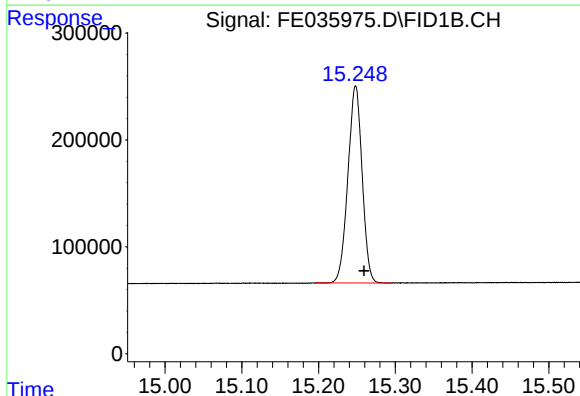
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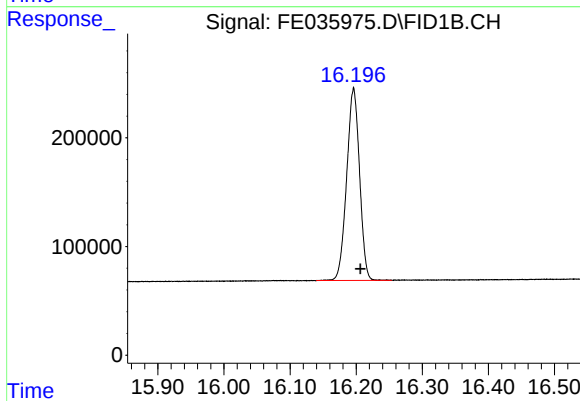
#14 n-Tetracosane (C24)

R.T.: 14.229 min
Delta R.T.: -0.010 min
Response: 2406112
Conc: 19.89 ug/ml



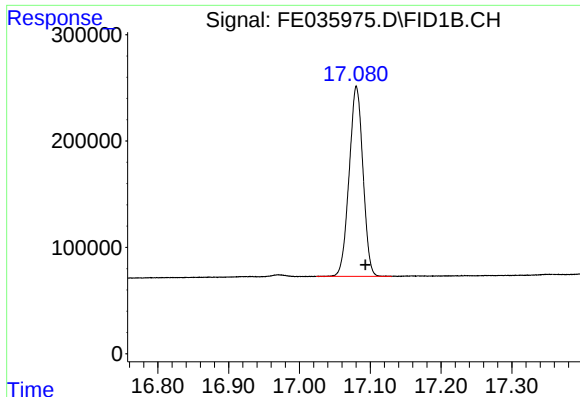
#15 n-Hexacosane (C26)

R.T.: 15.248 min
Delta R.T.: -0.011 min
Response: 2376612
Conc: 19.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.196 min
Delta R.T.: -0.010 min
Response: 2392457
Conc: 19.74 ug/ml



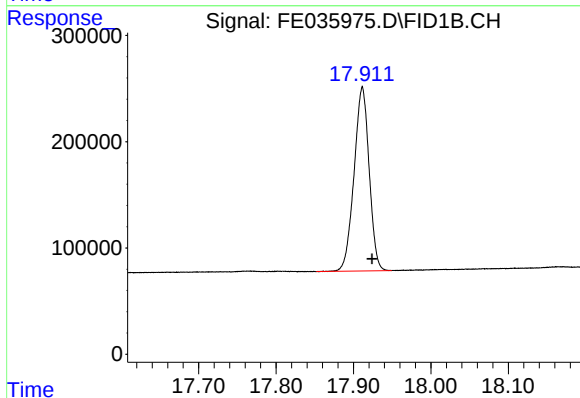
#17 n-Tricontane (C30)

R.T.: 17.080 min
Delta R.T.: -0.013 min
Response: 2422887
Conc: 20.15 ug/ml

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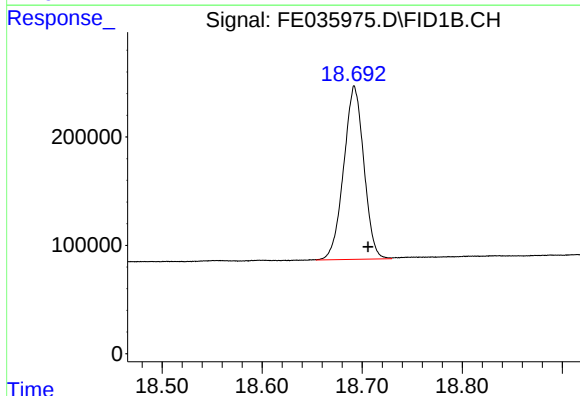
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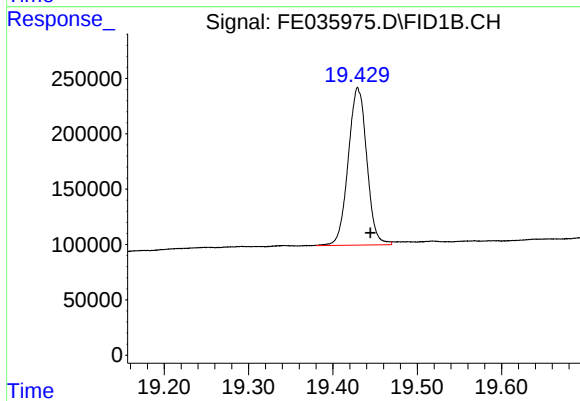
#18 n-Dotriacontane (C32)

R.T.: 17.911 min
Delta R.T.: -0.012 min
Response: 2340894
Conc: 20.37 ug/ml



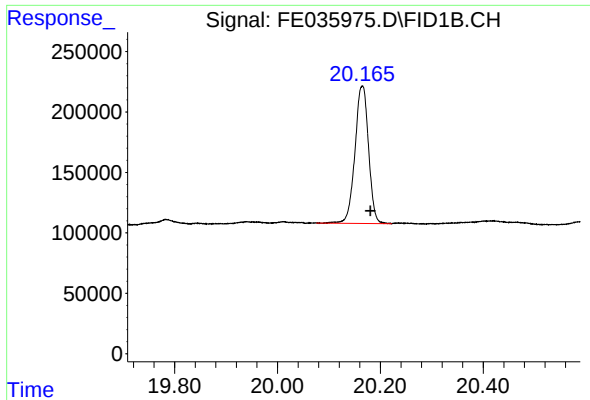
#19 n-Tetratriacontane (C34)

R.T.: 18.692 min
Delta R.T.: -0.014 min
Response: 2235410
Conc: 20.66 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.429 min
Delta R.T.: -0.015 min
Response: 2174993
Conc: 21.59 ug/ml m



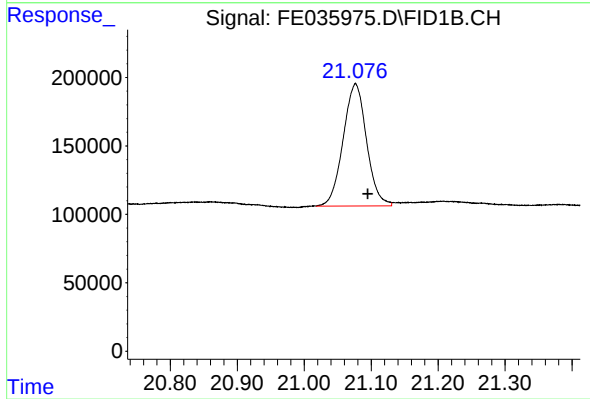
#21 n-Octatriacontane (C38)

R.T.: 20.165 min
Delta R.T.: -0.016 min
Response: 2083271
Conc: 21.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.076 min
Delta R.T.: -0.019 min
Response: 2173977
Conc: 23.28 ug/ml m