

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060622AL\
 Data File : FE035904.D
 Signal(s) : FID1B.CH
 Acq On : 06 Jun 2022 10:32
 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 06/07/2022
 Supervised By :Ankita Jodhani 06/07/2022

Integration File: sample.E
 Quant Time: Jun 07 01:29:52 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)	10.948	2811374	21.194 ug/ml
Spiked Amount 50.000		Recovery =	42.39%
12) S 1-chlorooctadecane (S...	12.380	2124656	20.311 ug/ml
Spiked Amount 50.000		Recovery =	40.62%
Target Compounds			
1) T n-Nonane (C9)	2.802	2652053	22.205 ug/ml
2) T n-Decane (C10)	3.816	2641479	22.322 ug/ml
3) T A~Naphthalene (C11.7)	5.382	2898232	21.690 ug/ml
4) T n-Dodecane (C12)	5.805	2657844	22.184 ug/ml
5) T A~2-methylnaphthalene...	6.431	2907999	21.504 ug/ml
6) T n-Tetradecane (C14)	7.594	2625254	22.026 ug/ml
7) T n-Hexadecane (C16)	9.191	2591416	21.733 ug/ml
8) T n-Octadecane (C18)	10.630	2572674	21.461 ug/ml
10) T n-Eicosane (C20)	11.936	2510925	21.047 ug/ml
11) T n-Heneicosane (C21)	12.546	2503930	20.855 ug/ml
13) T n-Docosane (C22)	13.131	2498150	20.744 ug/ml
14) T n-Tetracosane (C24)	14.231	2496276	20.630 ug/ml
15) T n-Hexacosane (C26)	15.250	2450824	20.253 ug/ml
16) T n-Octacosane (C28)	16.197	2435647	20.097 ug/ml
17) T n-Tricontane (C30)	17.083	2417270	20.103 ug/ml
18) T n-Dotriacontane (C32)	17.914	2322742	20.211 ug/ml
19) T n-Tetratriacontane (C34)	18.694	2186026	20.208 ug/mlm
20) T n-Hexatriacontane (C36)	19.432	2110104	20.947 ug/mlm
21) T n-Octatriacontane (C38)	20.168	2064847	21.672 ug/ml
22) T n-Tetracontane (C40)	21.080	2124782	22.753 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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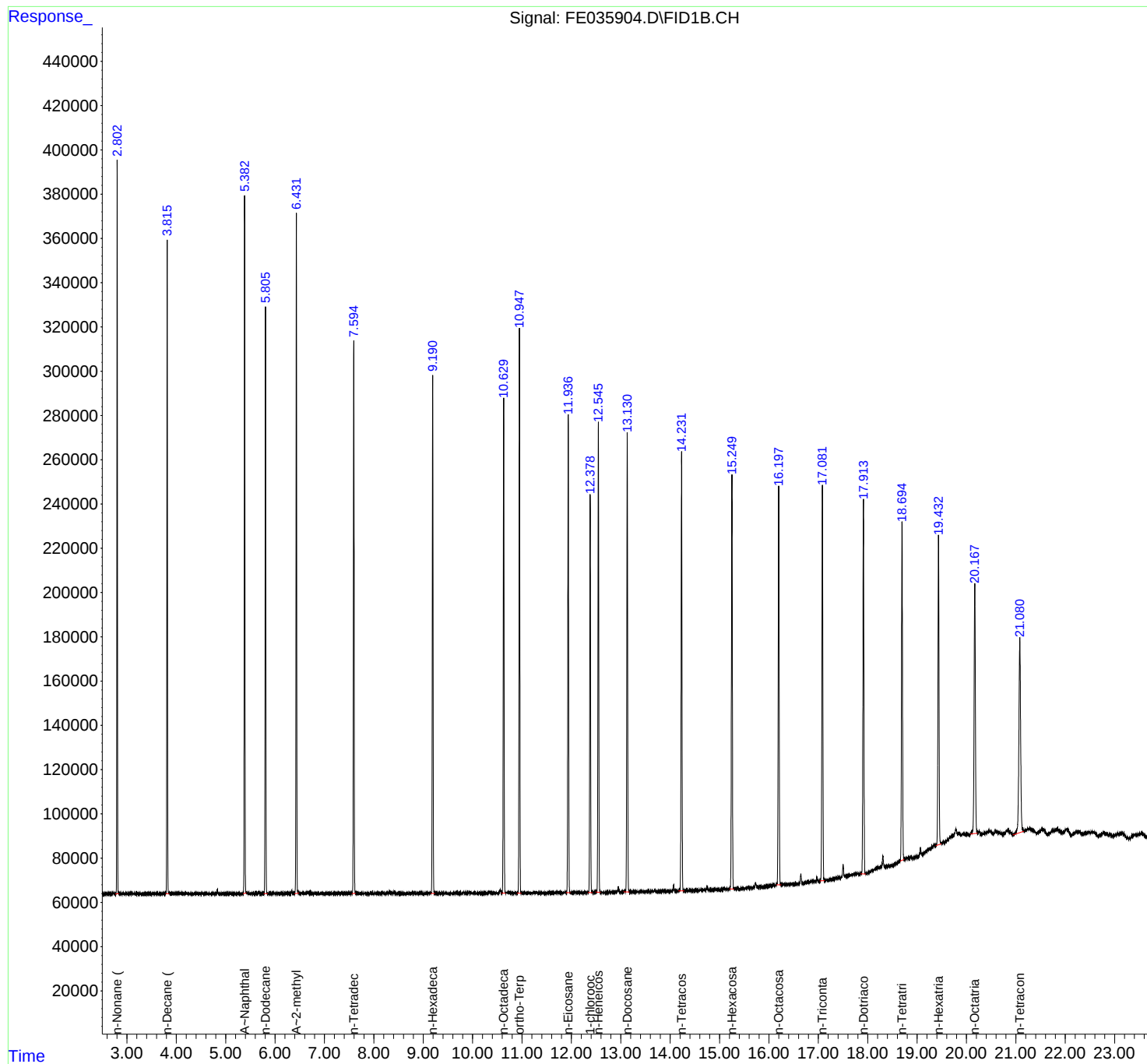
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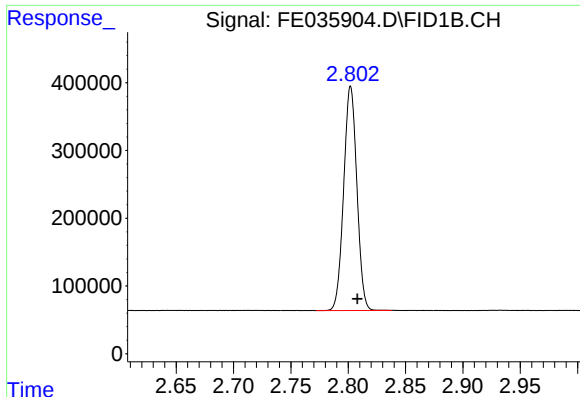
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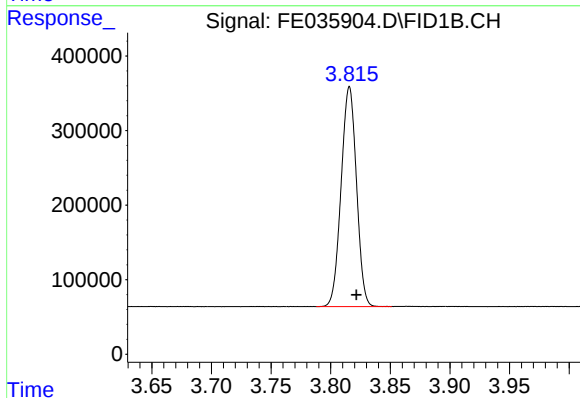
#1 n-Nonane (C9)

R.T.: 2.802 min
Delta R.T.: -0.006 min
Response: 2652053
Conc: 22.21 ug/ml

Instrument : FID_E
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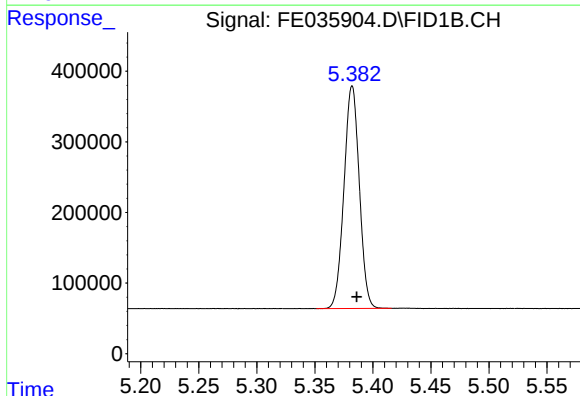
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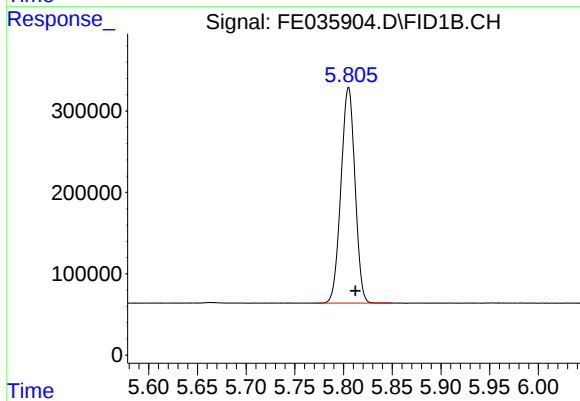
#2 n-Decane (C10)

R.T.: 3.816 min
Delta R.T.: -0.006 min
Response: 2641479
Conc: 22.32 ug/ml



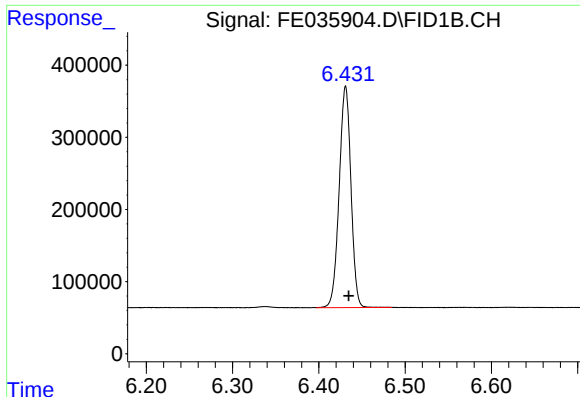
#3 A~Naphthalene (C11.7)

R.T.: 5.382 min
Delta R.T.: -0.004 min
Response: 2898232
Conc: 21.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.805 min
Delta R.T.: -0.007 min
Response: 2657844
Conc: 22.18 ug/ml



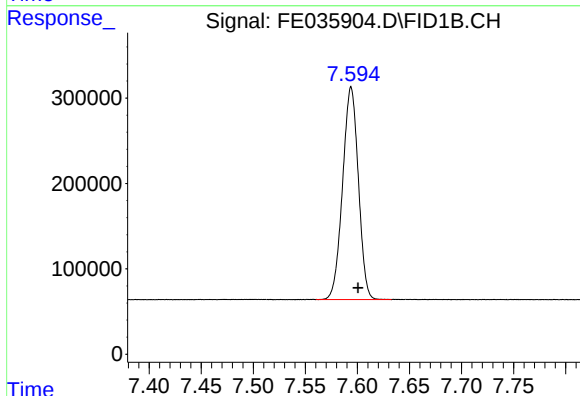
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.431 min
Delta R.T.: -0.003 min
Response: 2907999
Conc: 21.50 ug/ml

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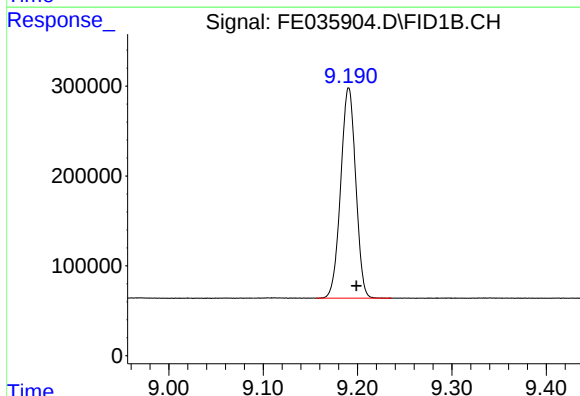
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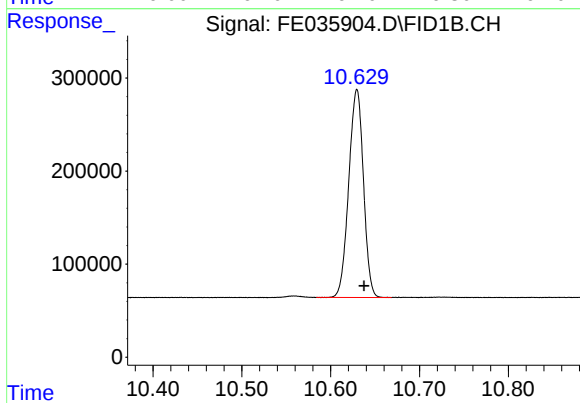
#6 n-Tetradecane (C14)

R.T.: 7.594 min
Delta R.T.: -0.007 min
Response: 2625254
Conc: 22.03 ug/ml



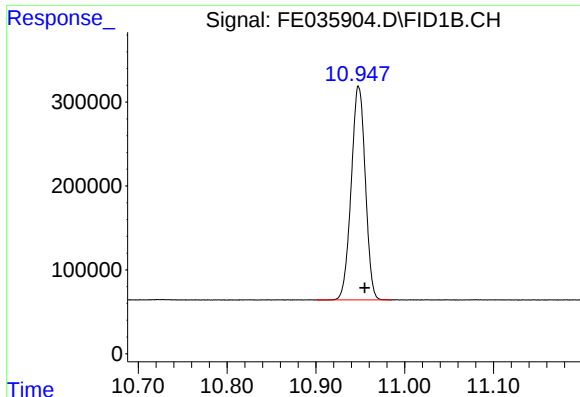
#7 n-Hexadecane (C16)

R.T.: 9.191 min
Delta R.T.: -0.008 min
Response: 2591416
Conc: 21.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.630 min
Delta R.T.: -0.008 min
Response: 2572674
Conc: 21.46 ug/ml



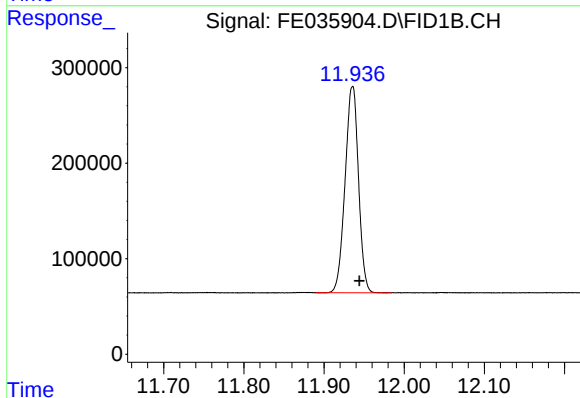
#9 ortho-Terphenyl (SURR)

R.T.: 10.948 min
Delta R.T.: -0.007 min
Response: 2811374
Conc: 21.19 ug/ml

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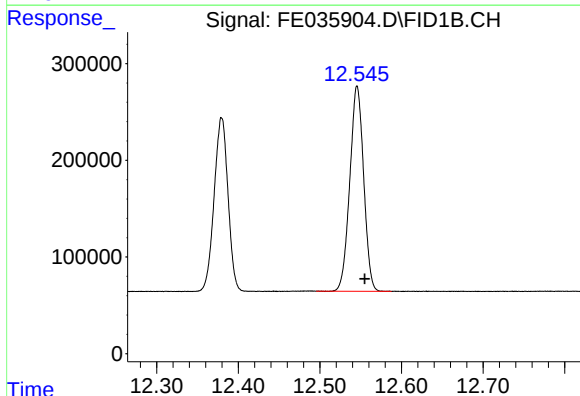
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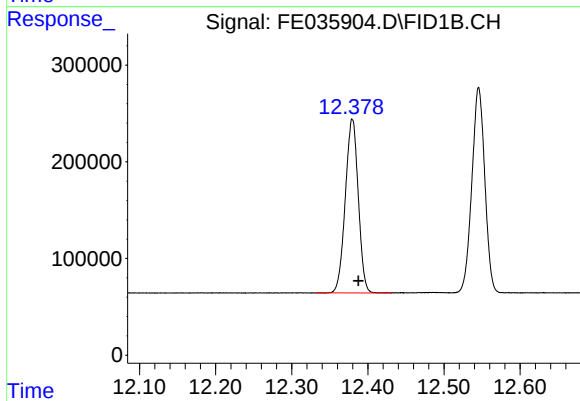
#10 n-Eicosane (C20)

R.T.: 11.936 min
Delta R.T.: -0.009 min
Response: 2510925
Conc: 21.05 ug/ml



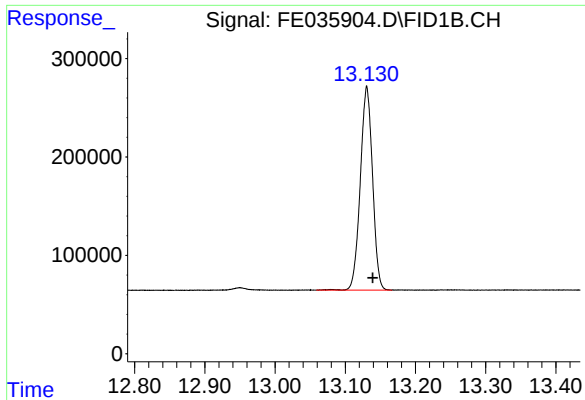
#11 n-Heneicosane (C21)

R.T.: 12.546 min
Delta R.T.: -0.009 min
Response: 2503930
Conc: 20.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.380 min
Delta R.T.: -0.008 min
Response: 2124656
Conc: 20.31 ug/ml



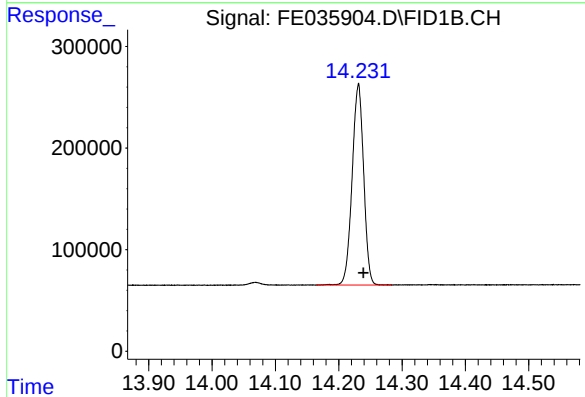
#13 n-Docosane (C22)

R.T.: 13.131 min
Delta R.T.: -0.008 min
Response: 2498150
Conc: 20.74 ug/ml

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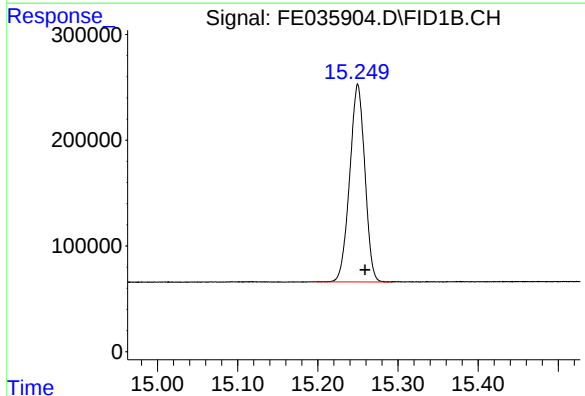
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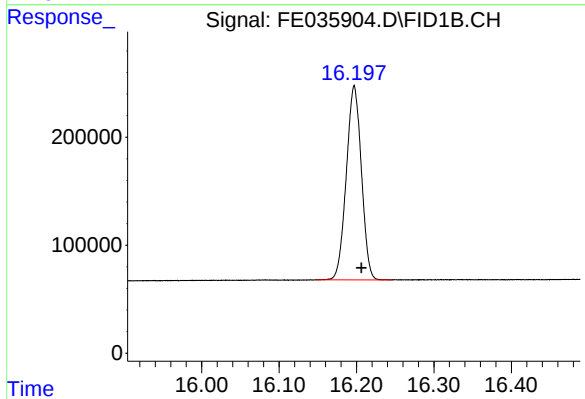
#14 n-Tetracosane (C24)

R.T.: 14.231 min
Delta R.T.: -0.008 min
Response: 2496276
Conc: 20.63 ug/ml



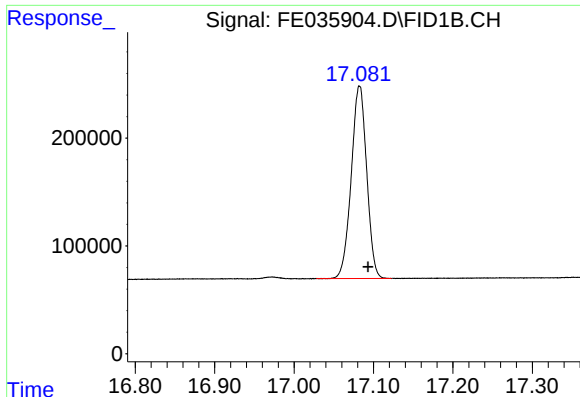
#15 n-Hexacosane (C26)

R.T.: 15.250 min
Delta R.T.: -0.009 min
Response: 2450824
Conc: 20.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.197 min
Delta R.T.: -0.009 min
Response: 2435647
Conc: 20.10 ug/ml



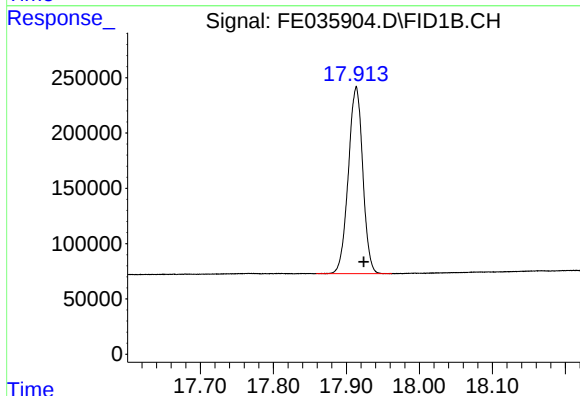
#17 n-Tricontane (C30)

R.T.: 17.083 min
Delta R.T.: -0.011 min
Response: 2417270
Conc: 20.10 ug/ml

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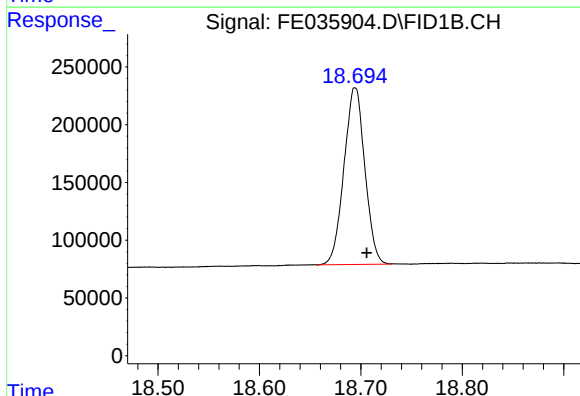
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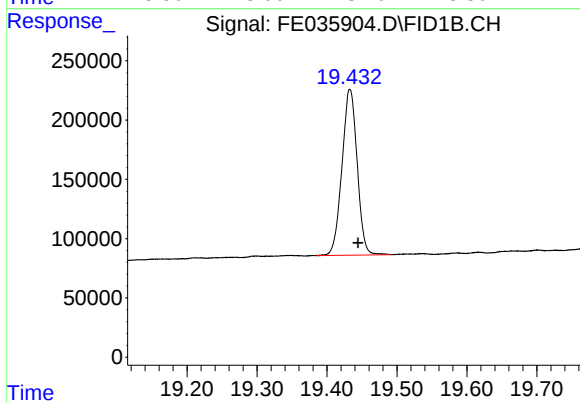
#18 n-Dotriacontane (C32)

R.T.: 17.914 min
Delta R.T.: -0.010 min
Response: 2322742
Conc: 20.21 ug/ml



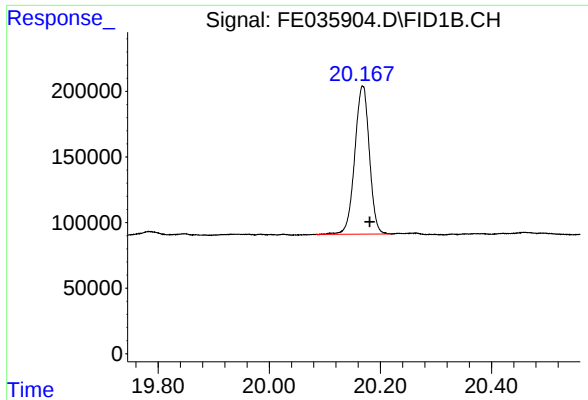
#19 n-Tetratriacontane (C34)

R.T.: 18.694 min
Delta R.T.: -0.012 min
Response: 2186026
Conc: 20.21 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.432 min
Delta R.T.: -0.012 min
Response: 2110104
Conc: 20.95 ug/ml m



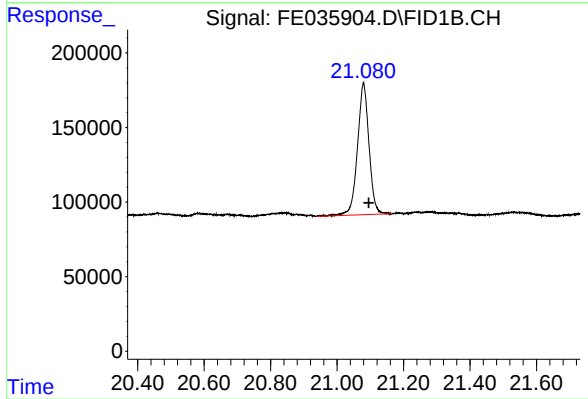
#21 n-Octatriacontane (C38)

R.T.: 20.168 min
Delta R.T.: -0.013 min
Response: 2064847
Conc: 21.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.080 min
Delta R.T.: -0.015 min
Response: 2124782
Conc: 22.75 ug/ml