

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011525AL\
 Data File : FE051926.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jan 2025 05:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/16/2025
 Supervised By :Ankita Jodhani 01/16/2025

Integration File: sample.E
 Quant Time: Jan 16 01:27:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 11:39:23 2025
 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)	12.159	2694267	18.588 ug/ml
Spiked Amount 50.000		Recovery =	37.18%
12) S 1-chlorooctadecane (S...	13.585	2106394	18.331 ug/ml
Spiked Amount 50.000		Recovery =	36.66%
Target Compounds			
1) T n-Nonane (C9)	3.577	1997900	18.088 ug/ml
2) T n-Decane (C10)	4.817	2086727	18.338 ug/ml
3) T A~Naphthalene (C11.7)	6.521	2389277	18.734 ug/mlm
4) T n-Dodecane (C12)	6.966	2185486	18.610 ug/ml
5) T A~2-methylnaphthalene...	7.611	2370405	18.940 ug/ml
6) T n-Tetradecane (C14)	8.787	2268799	18.923 ug/ml
7) T n-Hexadecane (C16)	10.391	2428722	18.979 ug/ml
8) T n-Octadecane (C18)	11.830	2516909	18.915 ug/mlm
10) T n-Eicosane (C20)	13.139	2468129	18.758 ug/ml
11) T n-Heneicosane (C21)	13.749	2417050	18.391 ug/ml
13) T n-Docosane (C22)	14.335	2455292	18.716 ug/ml
14) T n-Tetracosane (C24)	15.436	2518350	19.013 ug/ml
15) T n-Hexacosane (C26)	16.455	2518843	19.197 ug/ml
16) T n-Octacosane (C28)	17.403	2514705	19.476 ug/ml
17) T n-Tricontane (C30)	18.289	2610276	19.856 ug/ml
18) T n-Dotriacontane (C32)	19.120	2498171	19.685 ug/ml
19) T n-Tetratriacontane (C34)	19.902	2093258	18.840 ug/ml
20) T n-Hexatriacontane (C36)	20.640	1762282	17.863 ug/ml
21) T n-Octatriacontane (C38)	21.430	1651728	17.445 ug/mlm
22) T n-Tetracontane (C40)	22.437	1650506	17.930 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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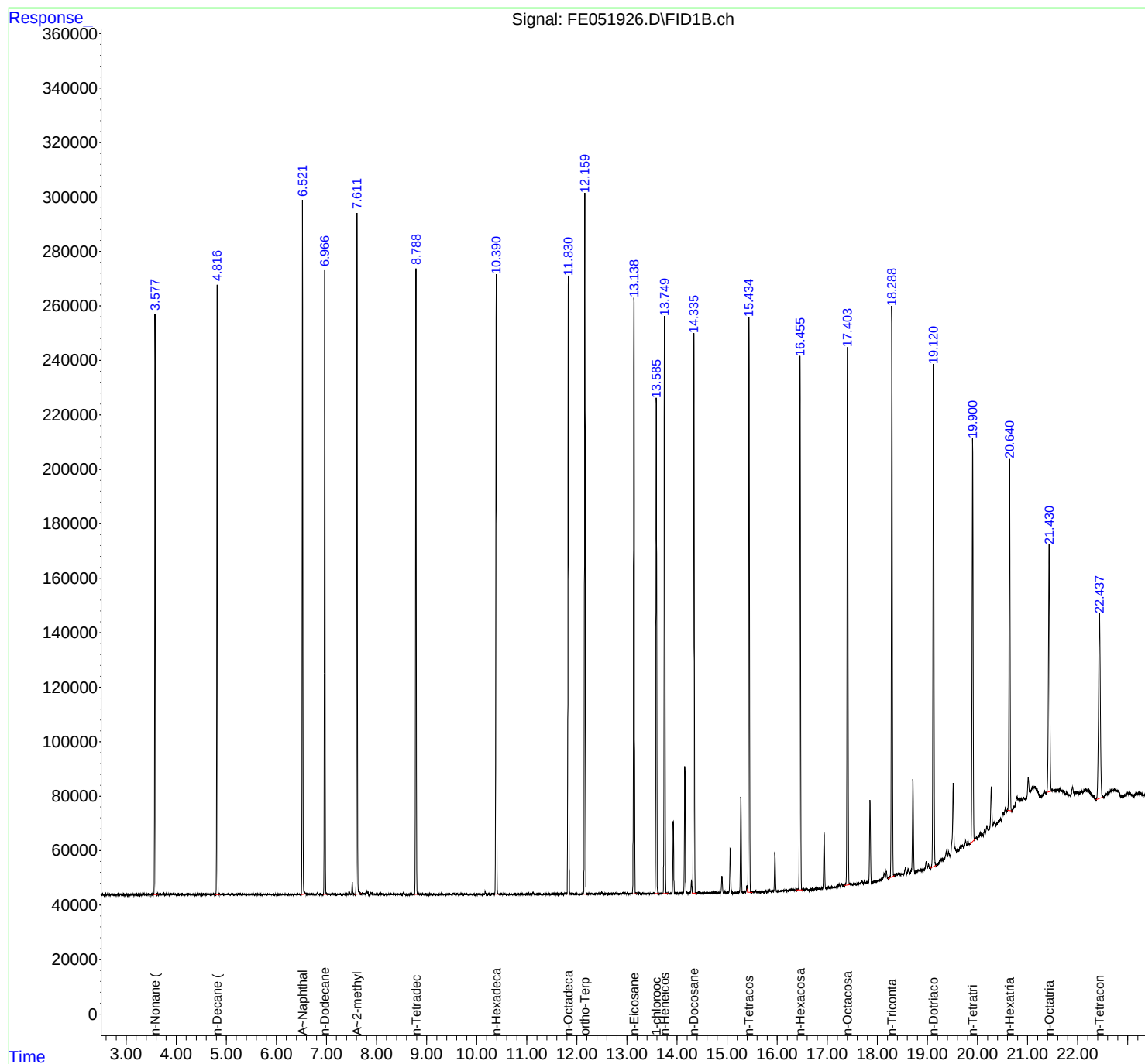
Instrument :
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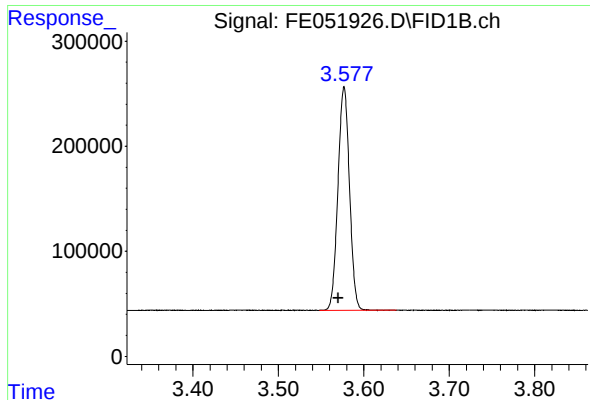
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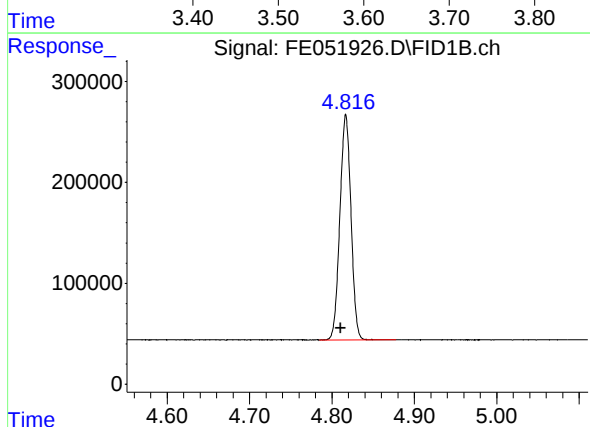
#1 n-Nonane (C9)

R.T.: 3.577 min
Delta R.T.: 0.007 min
Response: 1997900
Conc: 18.09 ug/ml

Instrument :
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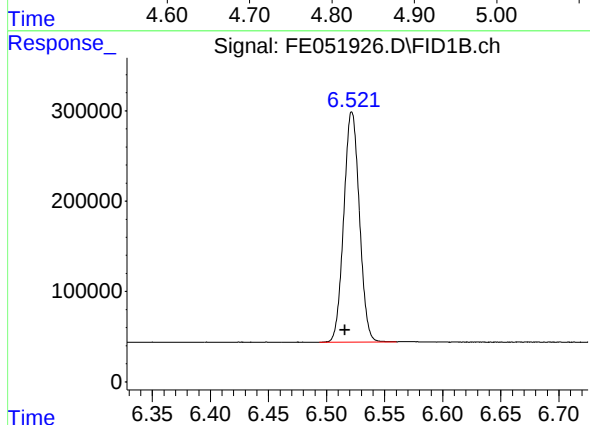
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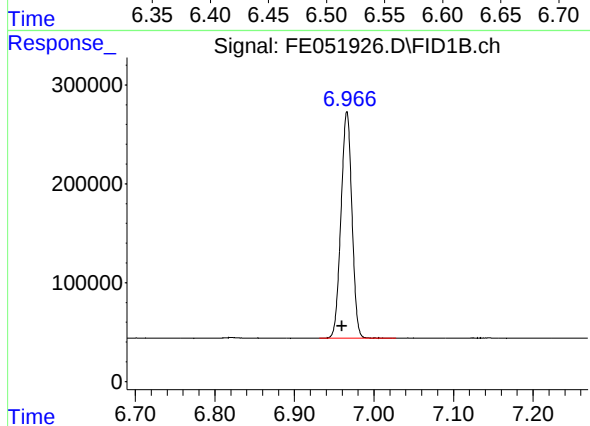
#2 n-Decane (C10)

R.T.: 4.817 min
Delta R.T.: 0.006 min
Response: 2086727
Conc: 18.34 ug/ml



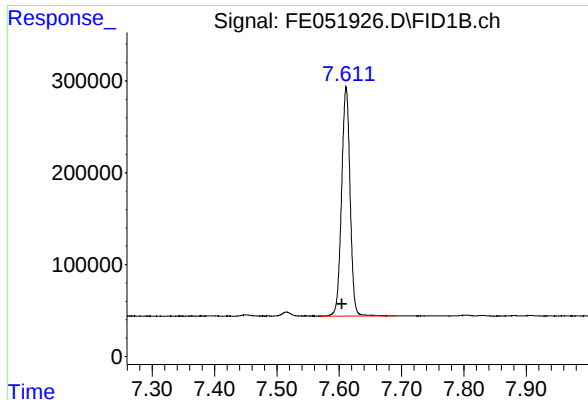
#3 A~Naphthalene (C11.7)

R.T.: 6.521 min
Delta R.T.: 0.005 min
Response: 2389277
Conc: 18.73 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.966 min
Delta R.T.: 0.006 min
Response: 2185486
Conc: 18.61 ug/ml



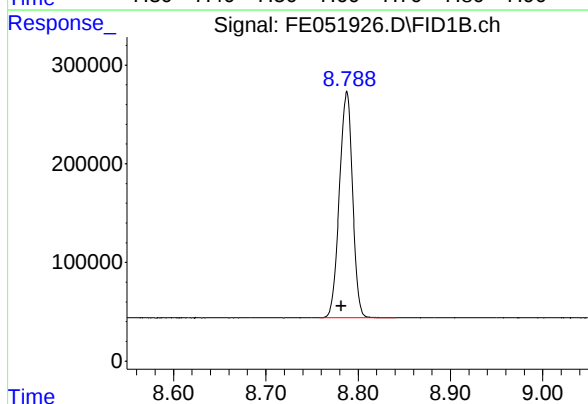
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.611 min
Delta R.T.: 0.006 min
Response: 2370405
Conc: 18.94 ug/ml

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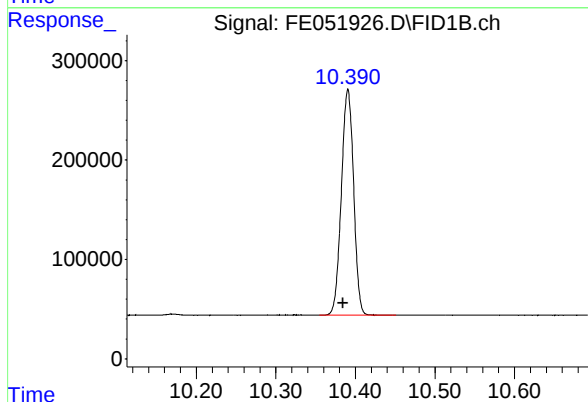
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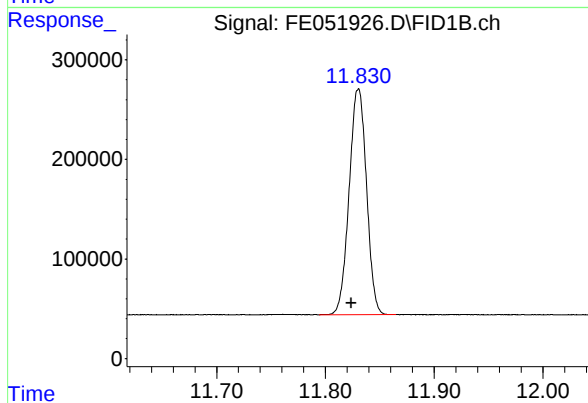
#6 n-Tetradecane (C14)

R.T.: 8.787 min
Delta R.T.: 0.006 min
Response: 2268799
Conc: 18.92 ug/ml



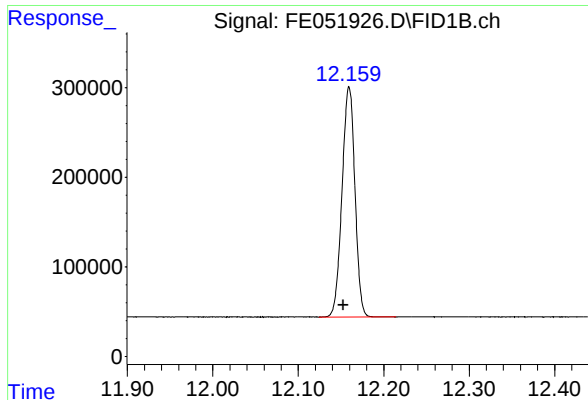
#7 n-Hexadecane (C16)

R.T.: 10.391 min
Delta R.T.: 0.006 min
Response: 2428722
Conc: 18.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.830 min
Delta R.T.: 0.006 min
Response: 2516909
Conc: 18.91 ug/ml m



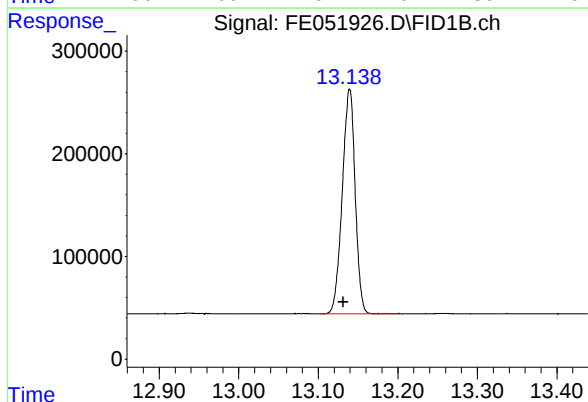
#9 ortho-Terphenyl (SURR)

R.T.: 12.159 min
Delta R.T.: 0.007 min
Response: 2694267
Conc: 18.59 ug/ml

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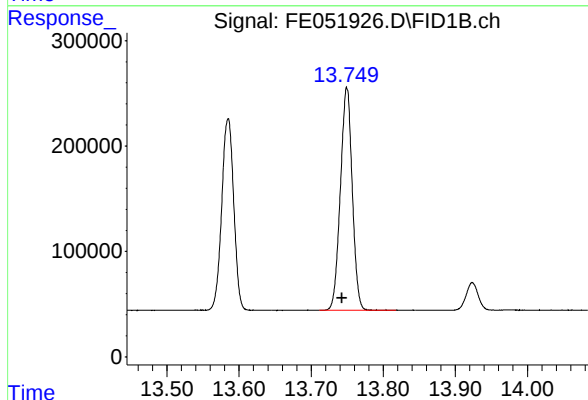
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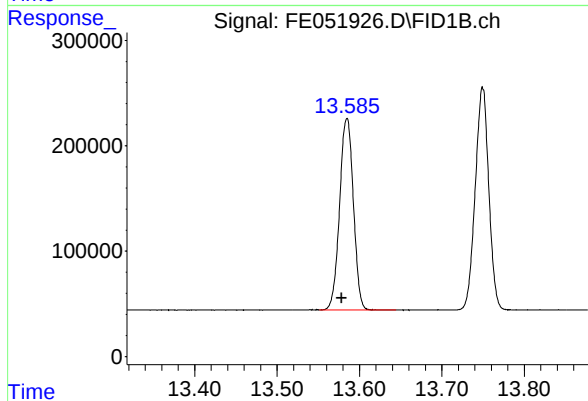
#10 n-Eicosane (C20)

R.T.: 13.139 min
Delta R.T.: 0.007 min
Response: 2468129
Conc: 18.76 ug/ml



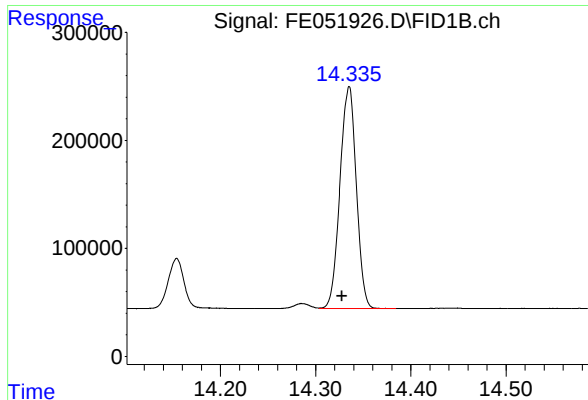
#11 n-Heneicosane (C21)

R.T.: 13.749 min
Delta R.T.: 0.006 min
Response: 2417050
Conc: 18.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.585 min
Delta R.T.: 0.006 min
Response: 2106394
Conc: 18.33 ug/ml



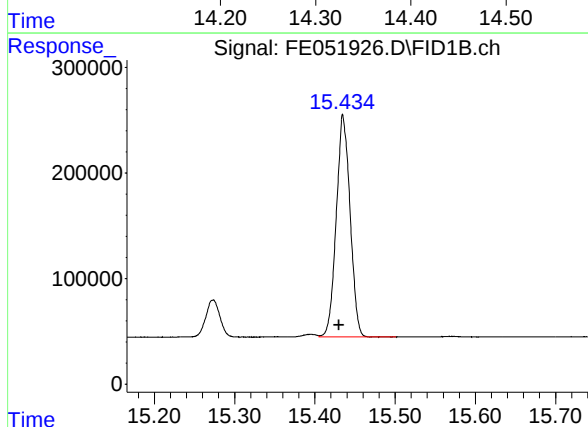
#13 n-Docosane (C22)

R.T.: 14.335 min
Delta R.T.: 0.007 min
Response: 2455292
Conc: 18.72 ug/ml

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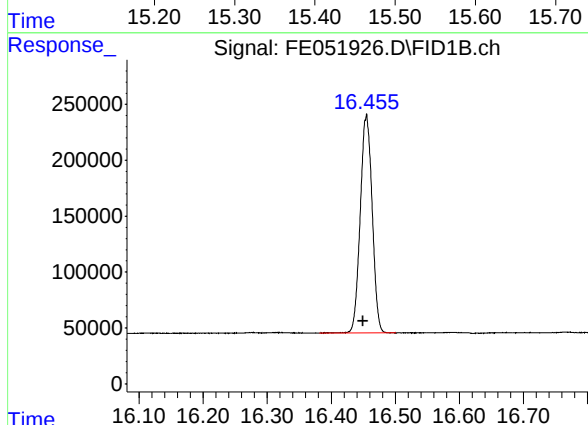
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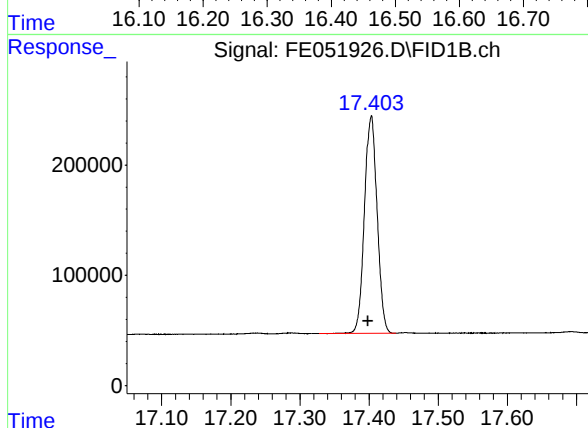
#14 n-Tetracosane (C24)

R.T.: 15.436 min
Delta R.T.: 0.006 min
Response: 2518350
Conc: 19.01 ug/ml



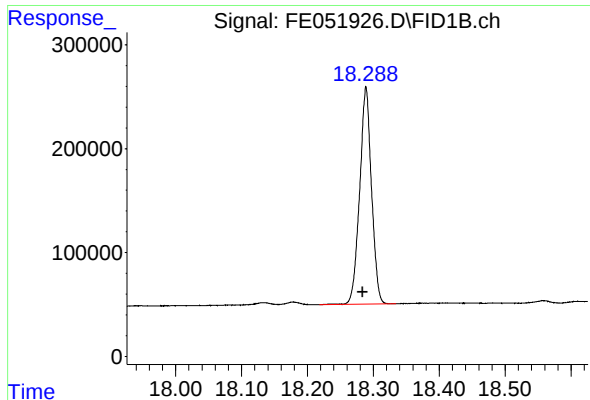
#15 n-Hexacosane (C26)

R.T.: 16.455 min
Delta R.T.: 0.005 min
Response: 2518843
Conc: 19.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.403 min
Delta R.T.: 0.004 min
Response: 2514705
Conc: 19.48 ug/ml



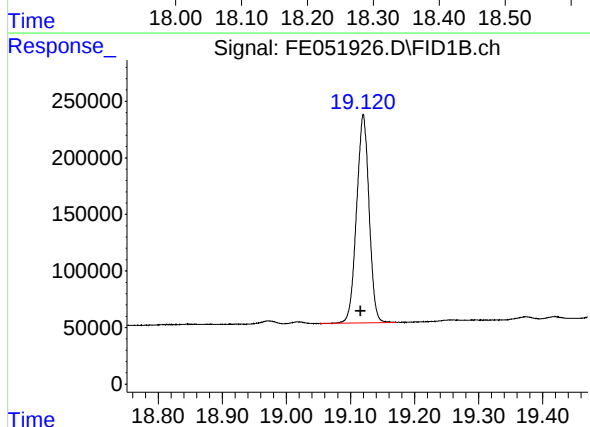
#17 n-Tricontane (C30)

R.T.: 18.289 min
Delta R.T.: 0.005 min
Response: 2610276
Conc: 19.86 ug/ml

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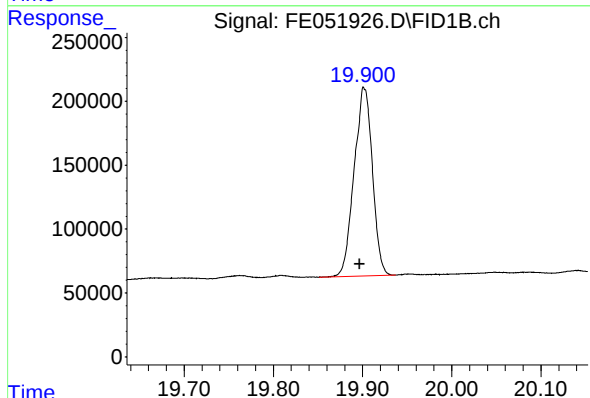
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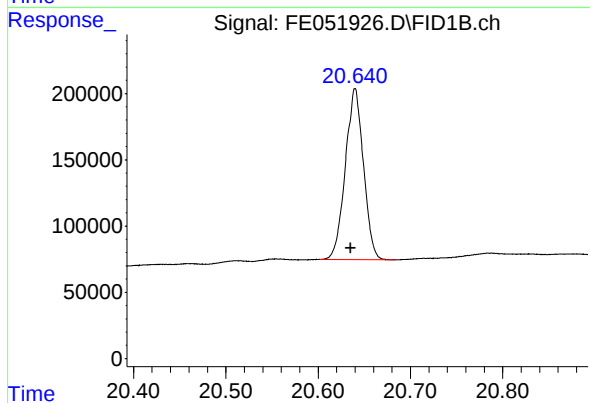
#18 n-Dotriacontane (C32)

R.T.: 19.120 min
Delta R.T.: 0.004 min
Response: 2498171
Conc: 19.69 ug/ml



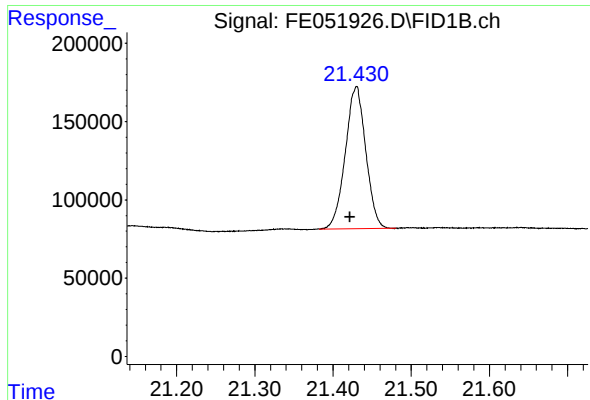
#19 n-Tetatriacontane (C34)

R.T.: 19.902 min
Delta R.T.: 0.005 min
Response: 2093258
Conc: 18.84 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.640 min
Delta R.T.: 0.005 min
Response: 1762282
Conc: 17.86 ug/ml



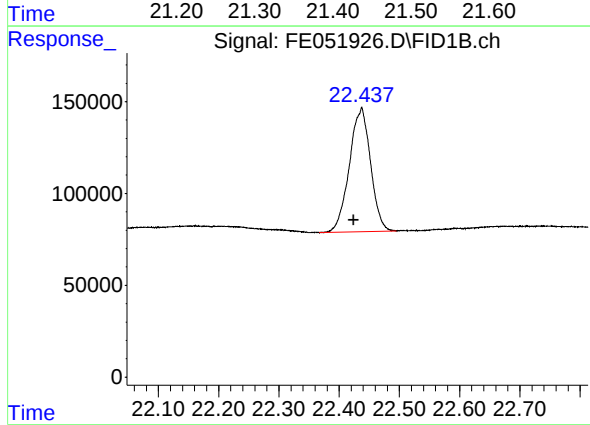
#21 n-Octatriacontane (C38)

R.T.: 21.430 min
Delta R.T.: 0.008 min
Response: 1651728
Conc: 17.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.437 min
Delta R.T.: 0.013 min
Response: 1650506
Conc: 17.93 ug/ml m