

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011525AL\
 Data File : FE051931.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jan 2025 11:09
 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 01:29:11 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)	12.158	2654002	18.310 ug/ml
Spiked Amount 50.000		Recovery =	36.62%
12) S 1-chlorooctadecane (S...	13.583	2079539	18.097 ug/ml
Spiked Amount 50.000		Recovery =	36.19%
Target Compounds			
1) T n-Nonane (C9)	3.575	1968104	17.818 ug/ml
2) T n-Decane (C10)	4.815	2056057	18.068 ug/ml
3) T A~Naphthalene (C11.7)	6.521	2353704	18.455 ug/ml
4) T n-Dodecane (C12)	6.965	2155644	18.356 ug/ml
5) T A~2-methylnaphthalene...	7.610	2336644	18.670 ug/ml
6) T n-Tetradecane (C14)	8.785	2237411	18.661 ug/ml
7) T n-Hexadecane (C16)	10.389	2394238	18.709 ug/ml
8) T n-Octadecane (C18)	11.830	2487370	18.693 ug/ml
10) T n-Eicosane (C20)	13.137	2439831	18.543 ug/ml
11) T n-Heneicosane (C21)	13.747	2383660	18.137 ug/ml
13) T n-Docosane (C22)	14.333	2432443	18.542 ug/ml
14) T n-Tetracosane (C24)	15.434	2513360	18.975 ug/ml
15) T n-Hexacosane (C26)	16.453	2530901	19.289 ug/ml
16) T n-Octacosane (C28)	17.401	2539673	19.670 ug/ml
17) T n-Tricontane (C30)	18.286	2637140	20.060 ug/mlm
18) T n-Dotriacontane (C32)	19.119	2527852	19.919 ug/ml
19) T n-Tetratriacontane (C34)	19.900	2102827	18.926 ug/ml
20) T n-Hexatriacontane (C36)	20.638	1782235	18.065 ug/ml
21) T n-Octatriacontane (C38)	21.428	1688513	17.834 ug/ml
22) T n-Tetracontane (C40)	22.430	1691339	18.374 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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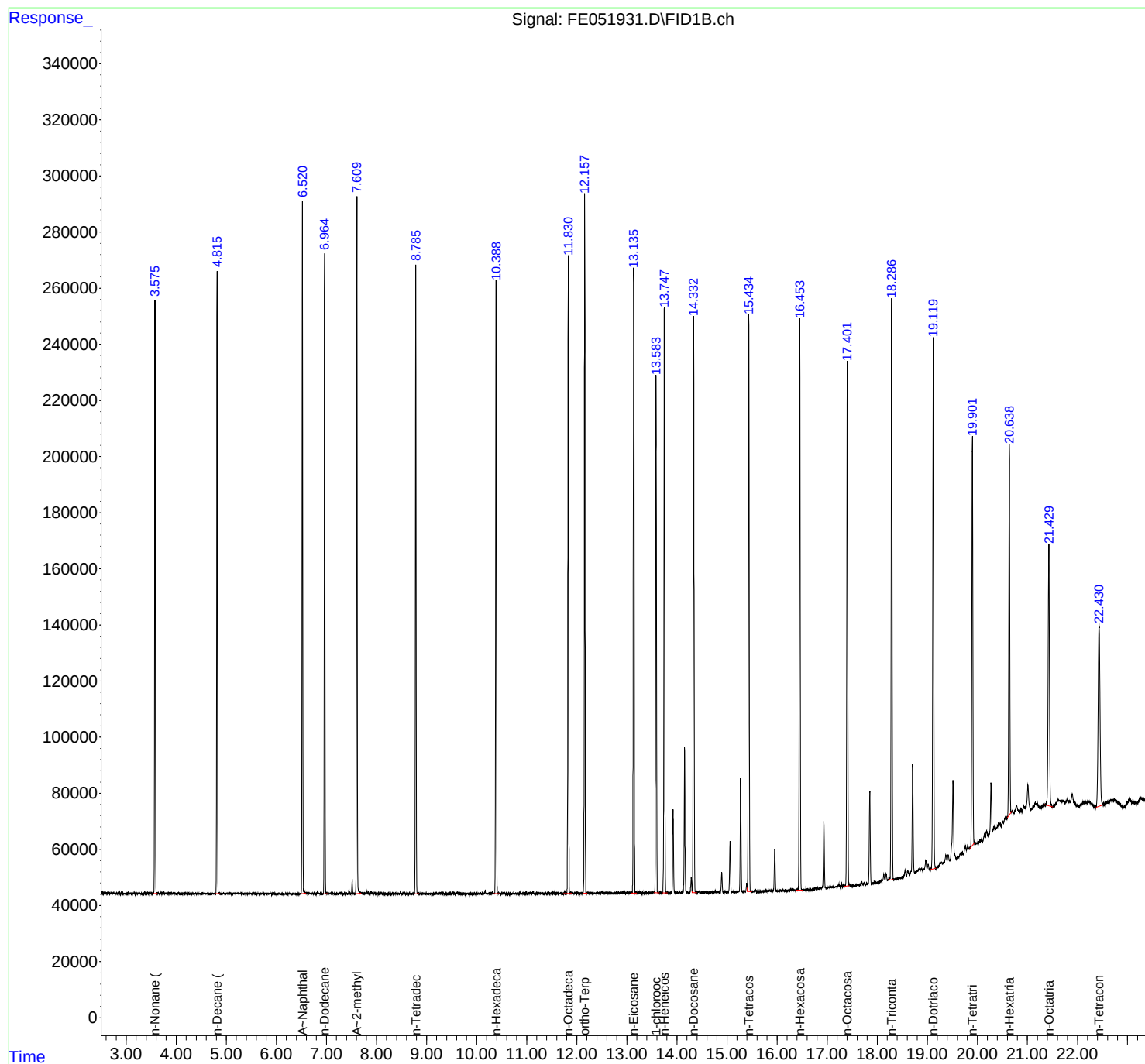
Instrument :
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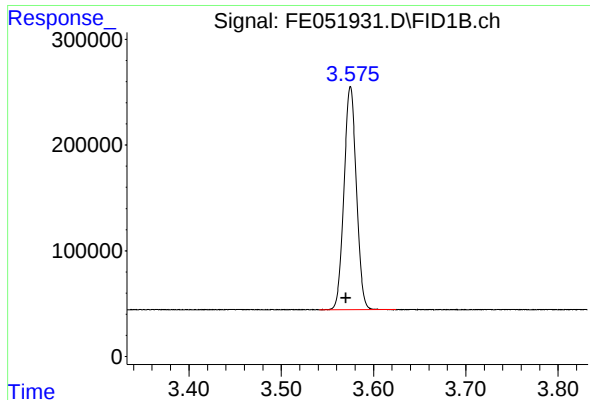
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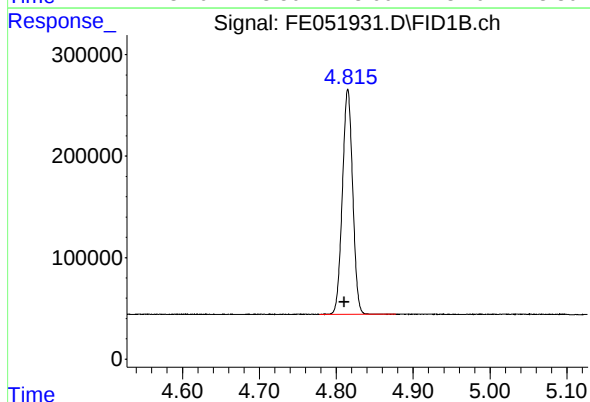
#1 n-Nonane (C9)

R.T.: 3.575 min
Delta R.T.: 0.005 min
Response: 1968104
Conc: 17.82 ug/ml

Instrument : FID_E
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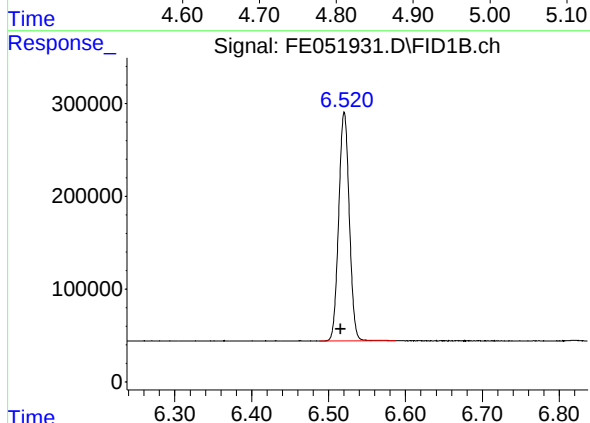
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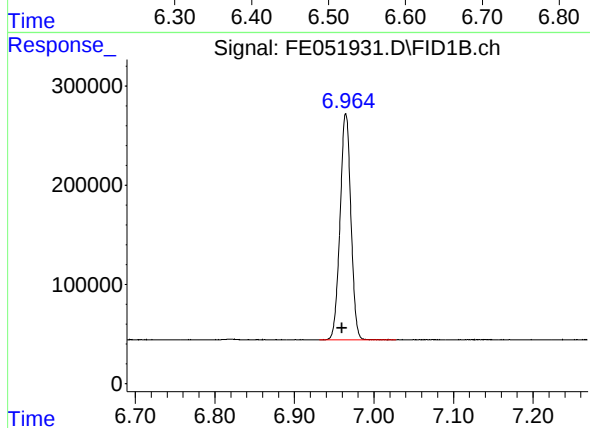
#2 n-Decane (C10)

R.T.: 4.815 min
Delta R.T.: 0.005 min
Response: 2056057
Conc: 18.07 ug/ml



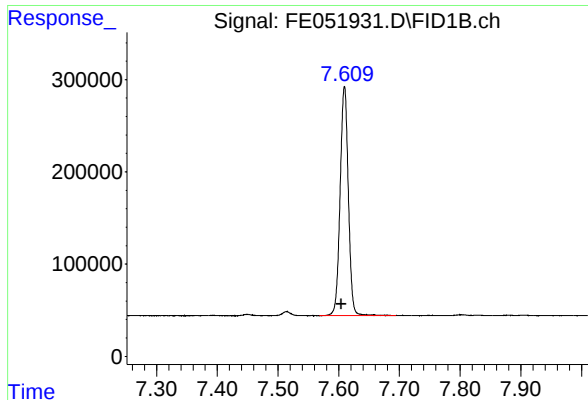
#3 A~Naphthalene (C11.7)

R.T.: 6.521 min
Delta R.T.: 0.005 min
Response: 2353704
Conc: 18.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.965 min
Delta R.T.: 0.005 min
Response: 2155644
Conc: 18.36 ug/ml



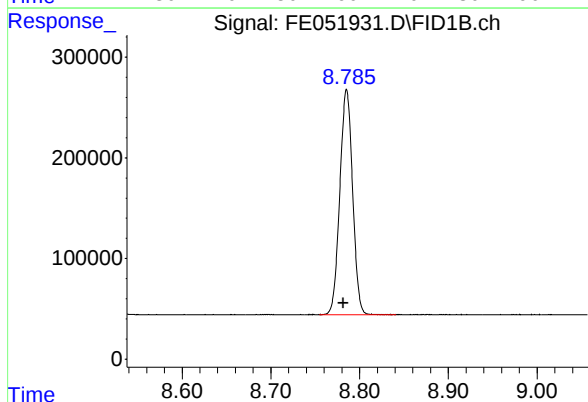
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.610 min
Delta R.T.: 0.005 min
Response: 2336644
Conc: 18.67 ug/ml

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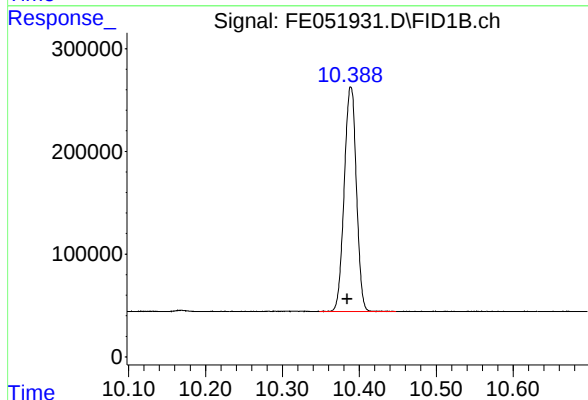
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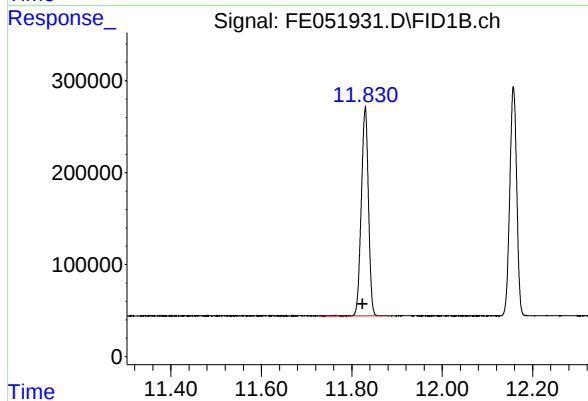
#6 n-Tetradecane (C14)

R.T.: 8.785 min
Delta R.T.: 0.004 min
Response: 2237411
Conc: 18.66 ug/ml



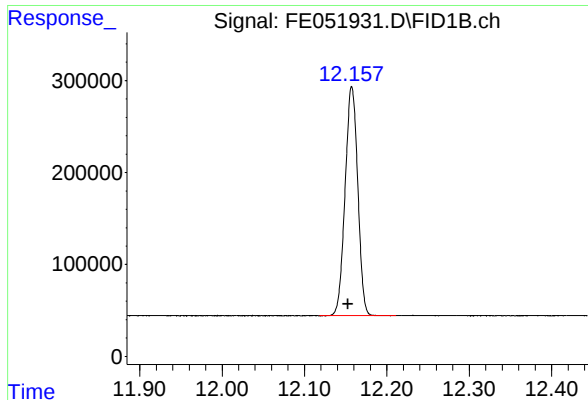
#7 n-Hexadecane (C16)

R.T.: 10.389 min
Delta R.T.: 0.004 min
Response: 2394238
Conc: 18.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.830 min
Delta R.T.: 0.006 min
Response: 2487370
Conc: 18.69 ug/ml



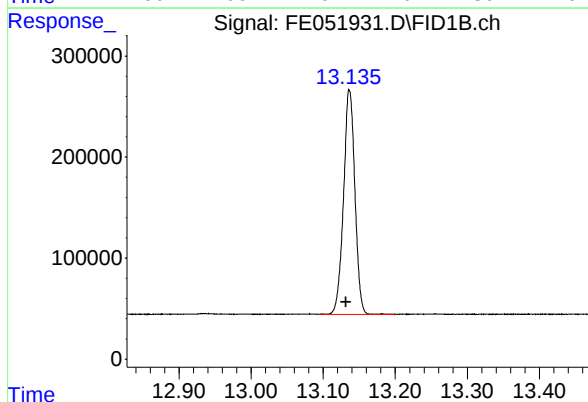
#9 ortho-Terphenyl (SURR)

R.T.: 12.158 min
Delta R.T.: 0.005 min
Response: 2654002
Conc: 18.31 ug/ml

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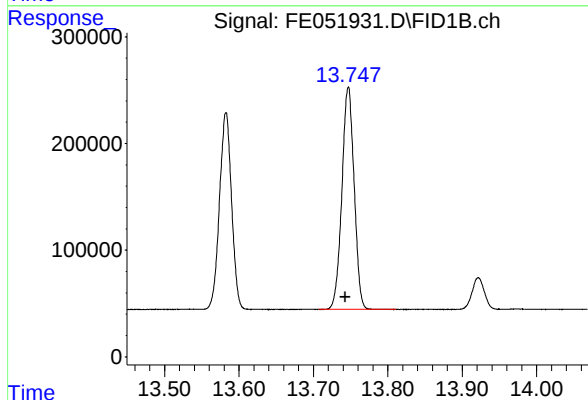
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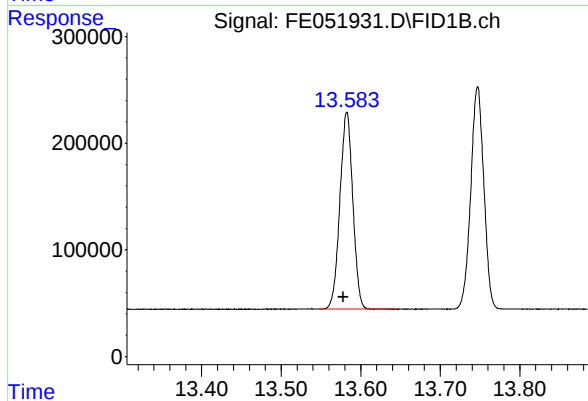
#10 n-Eicosane (C20)

R.T.: 13.137 min
Delta R.T.: 0.005 min
Response: 2439831
Conc: 18.54 ug/ml



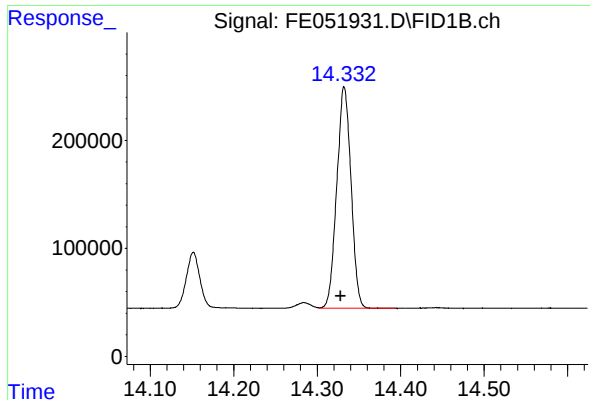
#11 n-Heneicosane (C21)

R.T.: 13.747 min
Delta R.T.: 0.004 min
Response: 2383660
Conc: 18.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.583 min
Delta R.T.: 0.004 min
Response: 2079539
Conc: 18.10 ug/ml



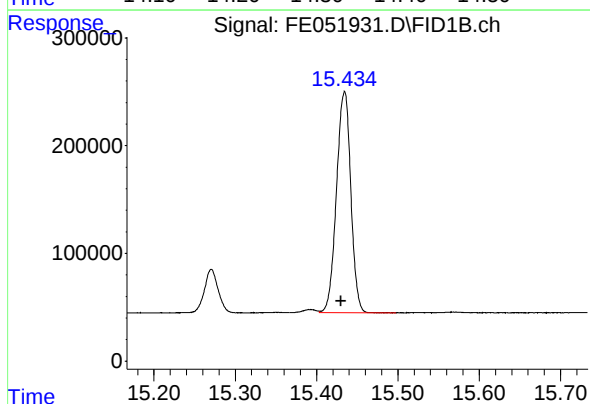
#13 n-Docosane (C22)

R.T.: 14.333 min
Delta R.T.: 0.005 min
Response: 2432443
Conc: 18.54 ug/ml

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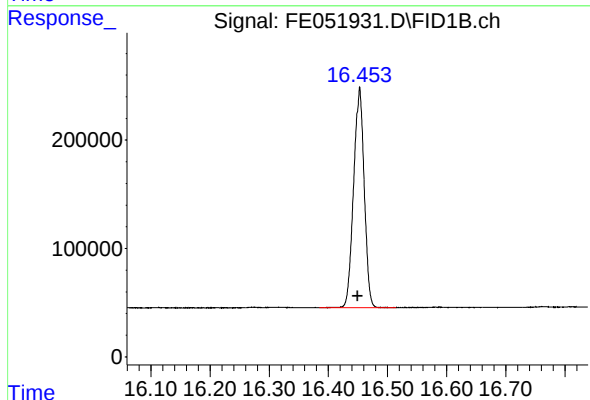
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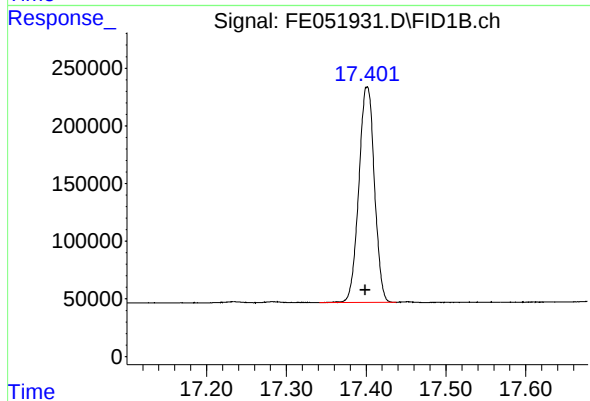
#14 n-Tetracosane (C24)

R.T.: 15.434 min
Delta R.T.: 0.004 min
Response: 2513360
Conc: 18.97 ug/ml



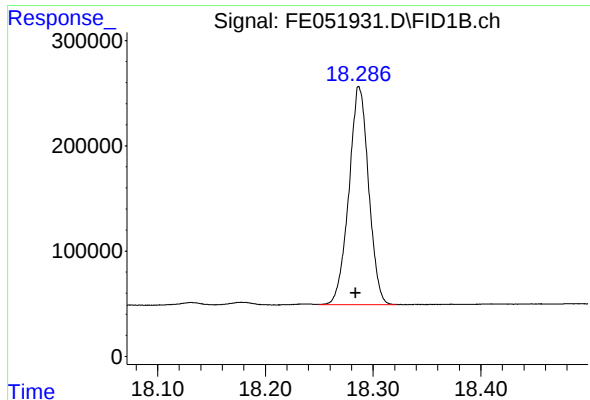
#15 n-Hexacosane (C26)

R.T.: 16.453 min
Delta R.T.: 0.003 min
Response: 2530901
Conc: 19.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.401 min
Delta R.T.: 0.002 min
Response: 2539673
Conc: 19.67 ug/ml



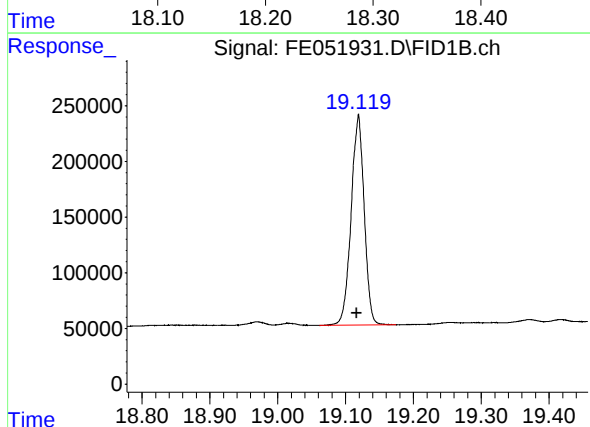
#17 n-Tricontane (C30)

R.T.: 18.286 min
Delta R.T.: 0.003 min
Response: 2637140
Conc: 20.06 ug/ml

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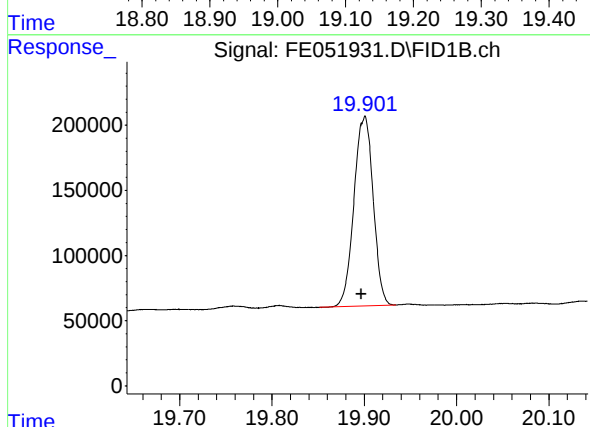
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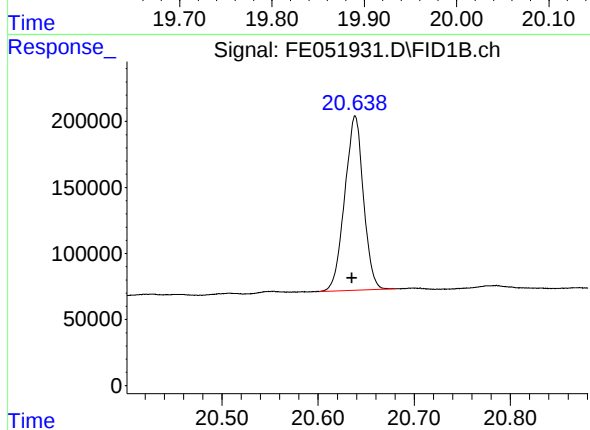
#18 n-Dotriacontane (C32)

R.T.: 19.119 min
Delta R.T.: 0.003 min
Response: 2527852
Conc: 19.92 ug/ml



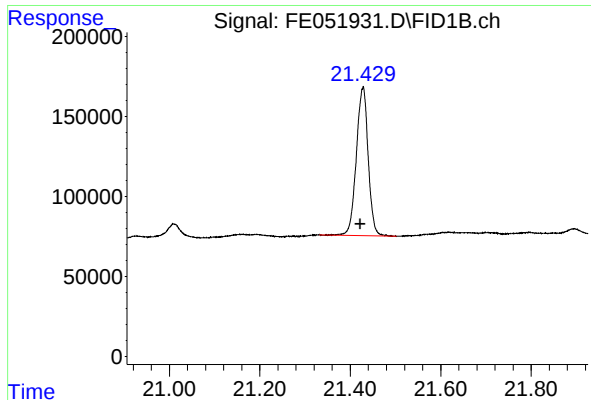
#19 n-Tetratriacontane (C34)

R.T.: 19.900 min
Delta R.T.: 0.003 min
Response: 2102827
Conc: 18.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.638 min
Delta R.T.: 0.003 min
Response: 1782235
Conc: 18.06 ug/ml



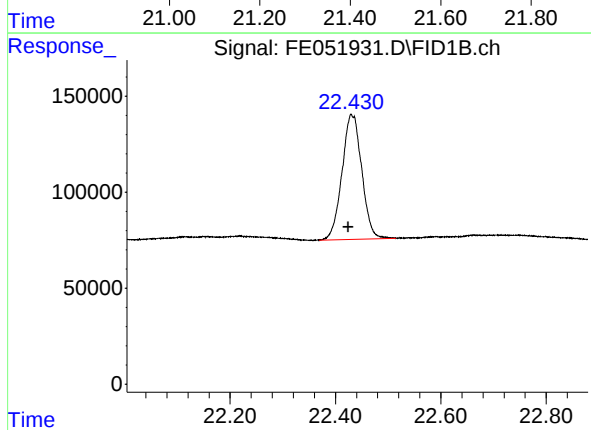
#21 n-Octatriacontane (C38)

R.T.: 21.428 min
Delta R.T.: 0.006 min
Response: 1688513
Conc: 17.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.430 min
Delta R.T.: 0.006 min
Response: 1691339
Conc: 18.37 ug/ml m