

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102324AL\
 Data File : FE050781.D
 Signal(s) : FID1B.ch
 Acq On : 23 Oct 2024 07:32
 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 10/24/2024
 Supervised By :Ankita Jodhani 10/24/2024

Integration File: autoint1.e
 Quant Time: Oct 24 02:28:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 2024
 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)	11.861	3194172	20.260 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
12) S 1-chlorooctadecane (S...	13.296	2424404	20.495 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
Target Compounds			
1) T n-Nonane (C9)	3.250	2829792	20.028 ug/ml
2) T n-Decane (C10)	4.500	2923276	20.375 ug/ml
3) T A~Naphthalene (C11.7)	6.212	2956379	20.675 ug/ml
4) T n-Dodecane (C12)	6.667	2972145	20.649 ug/ml
5) T A~2-methylnaphthalene...	7.308	2769779	20.907 ug/ml
6) T n-Tetradecane (C14)	8.494	2950799	20.625 ug/ml
7) T n-Hexadecane (C16)	10.100	3034826	20.621 ug/ml
8) T n-Octadecane (C18)	11.541	3049503	20.416 ug/ml
10) T n-Eicosane (C20)	12.850	2912834	20.313 ug/ml
11) T n-Heneicosane (C21)	13.461	2847661	20.278 ug/ml
13) T n-Docosane (C22)	14.047	2833429	20.196 ug/ml
14) T n-Tetracosane (C24)	15.148	2836377	20.077 ug/ml
15) T n-Hexacosane (C26)	16.168	2837858	20.167 ug/ml
16) T n-Octacosane (C28)	17.117	2858033	19.531 ug/ml
17) T n-Tricontane (C30)	18.003	3127166	19.667 ug/ml
18) T n-Dotriacontane (C32)	18.836	3229665	19.922 ug/ml
19) T n-Tetratriacontane (C34)	19.618	2938942	20.008 ug/ml
20) T n-Hexatriacontane (C36)	20.357	2596313	20.473 ug/ml
21) T n-Octatriacontane (C38)	21.083	2397064	19.386 ug/ml
22) T n-Tetracontane (C40)	21.969	1998663	17.949 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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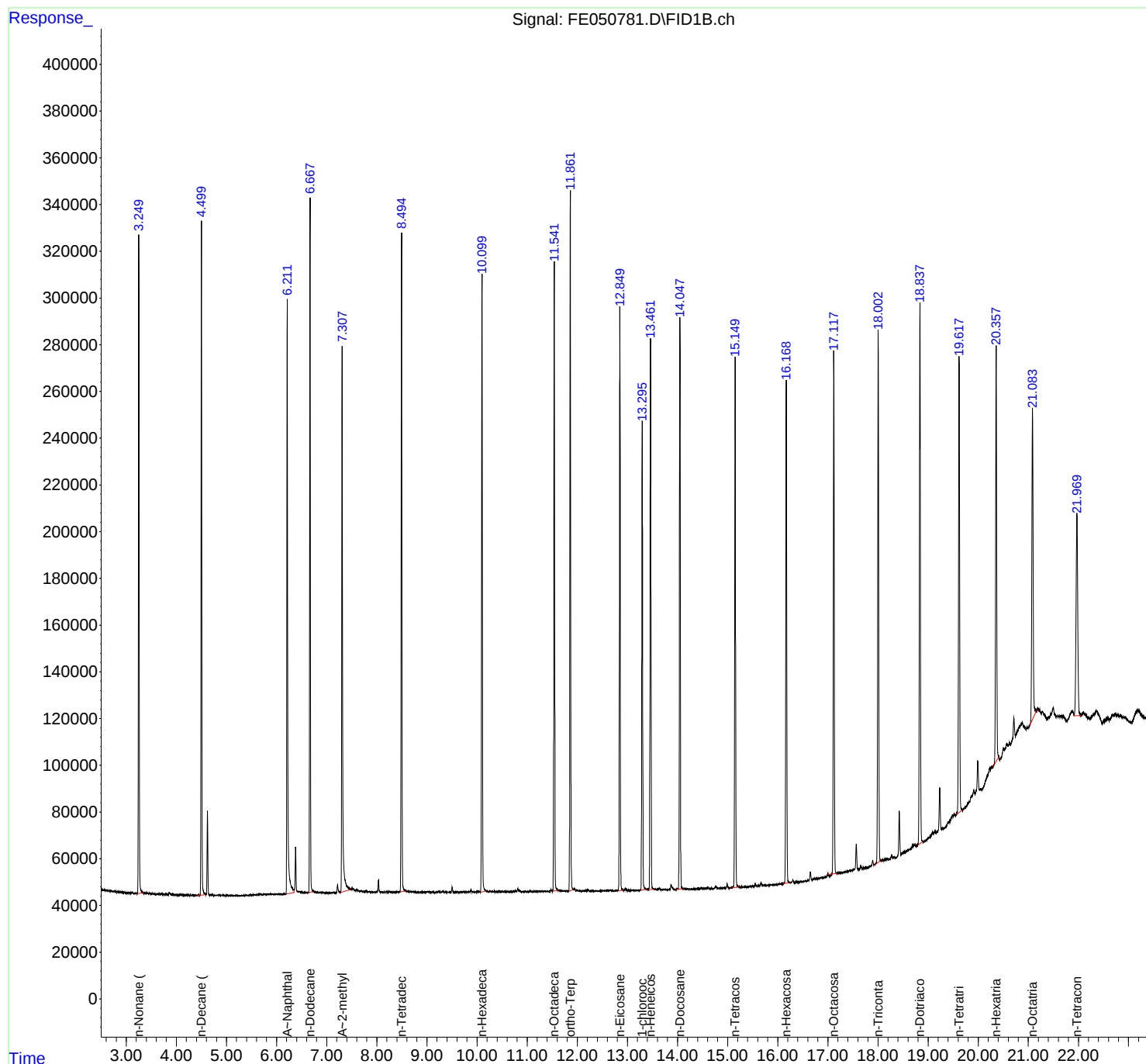
Instrument :
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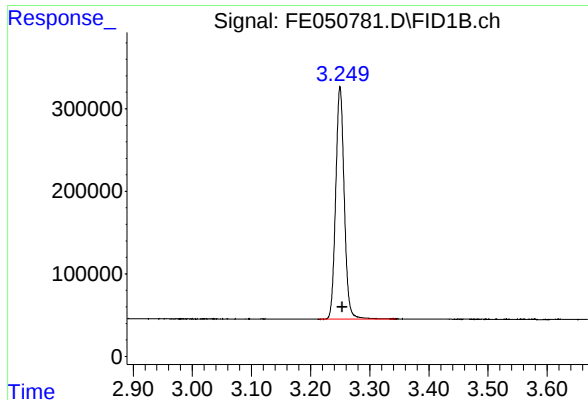
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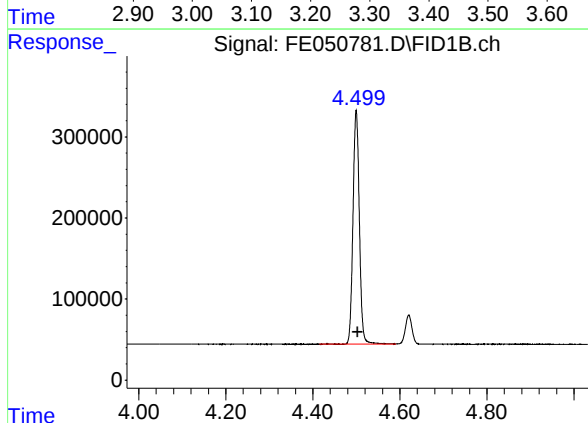
#1 n-Nonane (C9)

R.T.: 3.250 min
Delta R.T.: -0.004 min
Response: 2829792
Conc: 20.03 ug/ml

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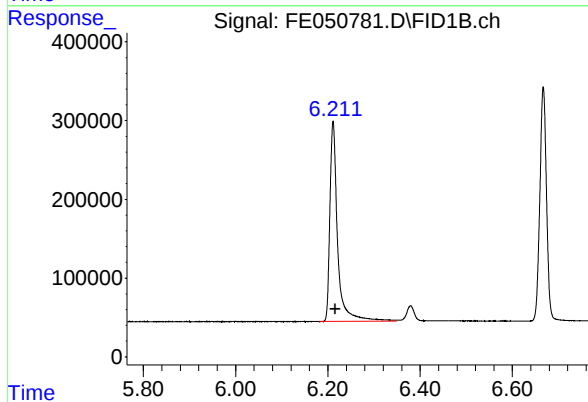
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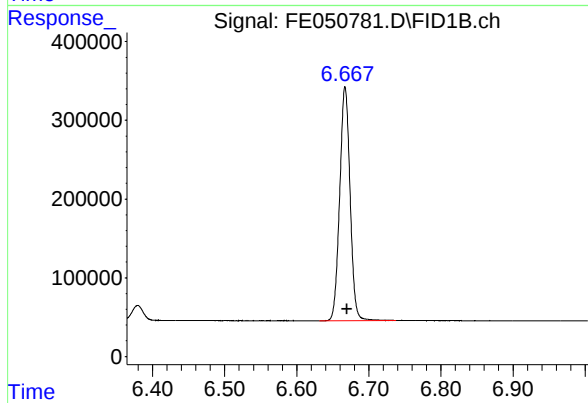
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.003 min
Response: 2923276
Conc: 20.37 ug/ml



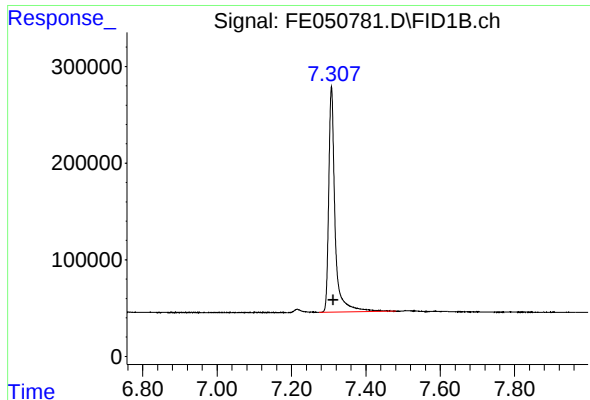
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.005 min
Response: 2956379
Conc: 20.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.667 min
Delta R.T.: -0.003 min
Response: 2972145
Conc: 20.65 ug/ml



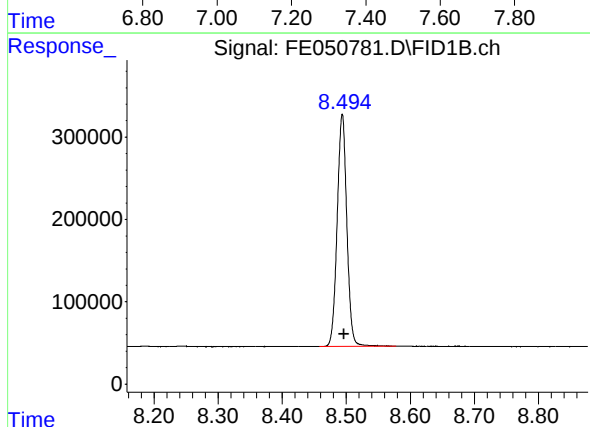
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.308 min
Delta R.T.: -0.005 min
Response: 2769779
Conc: 20.91 ug/ml

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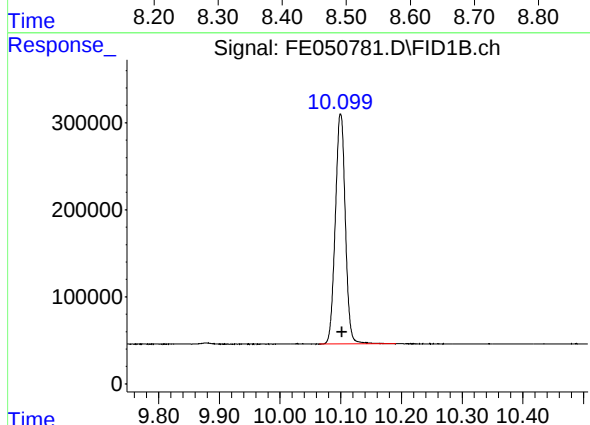
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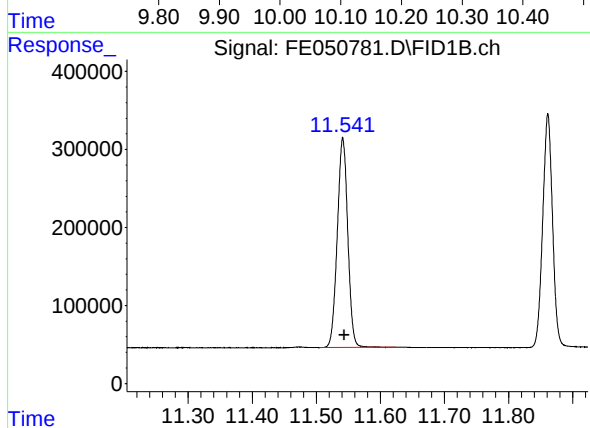
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: -0.003 min
Response: 2950799
Conc: 20.63 ug/ml



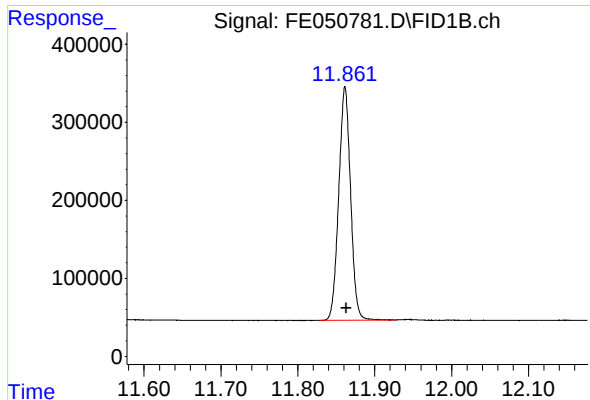
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: -0.002 min
Response: 3034826
Conc: 20.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.541 min
Delta R.T.: -0.002 min
Response: 3049503
Conc: 20.42 ug/ml



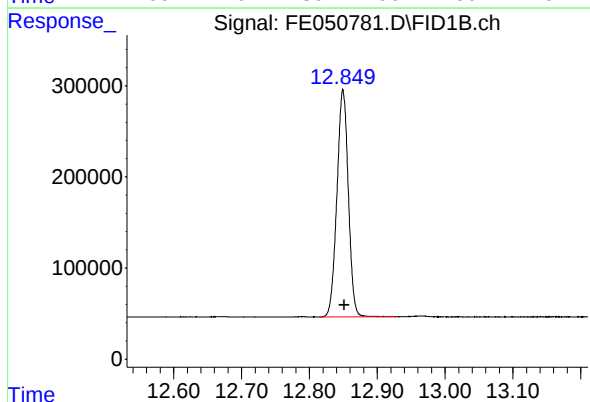
#9 ortho-Terphenyl (SURR)

R.T.: 11.861 min
Delta R.T.: -0.002 min
Response: 3194172
Conc: 20.26 ug/ml

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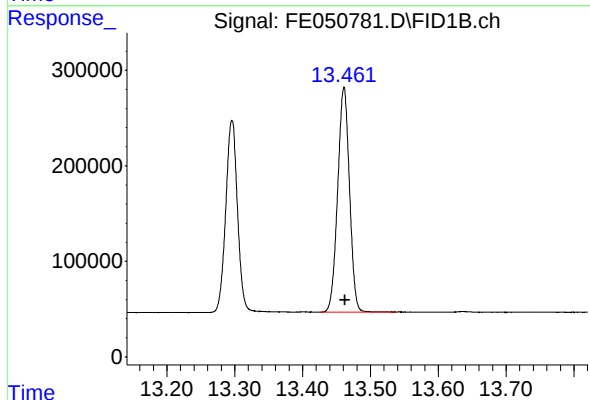
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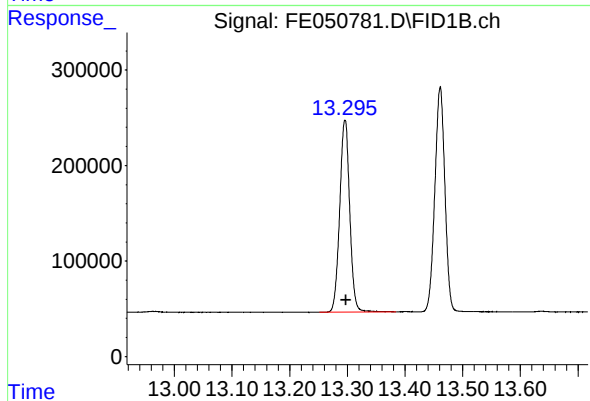
#10 n-Eicosane (C20)

R.T.: 12.850 min
Delta R.T.: -0.002 min
Response: 2912834
Conc: 20.31 ug/ml



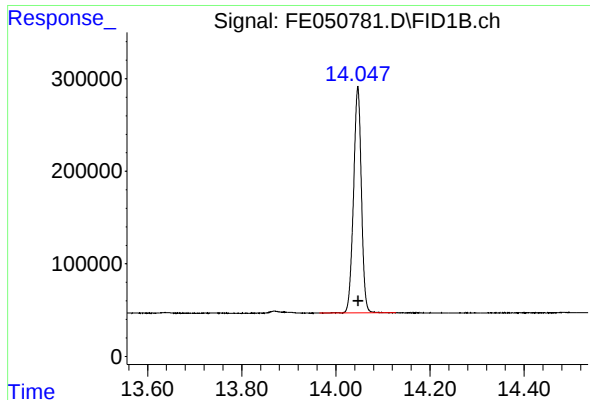
#11 n-Heneicosane (C21)

R.T.: 13.461 min
Delta R.T.: -0.002 min
Response: 2847661
Conc: 20.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.296 min
Delta R.T.: -0.002 min
Response: 2424404
Conc: 20.49 ug/ml



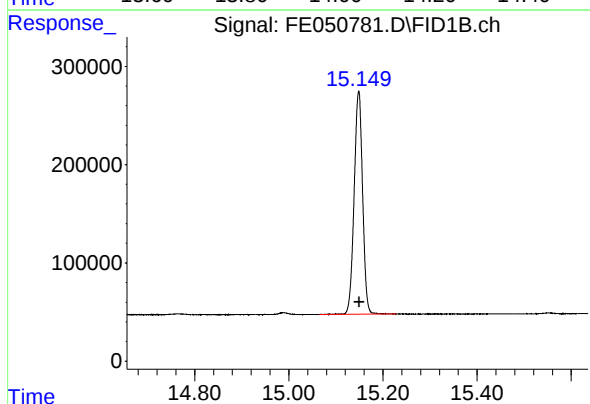
#13 n-Docosane (C22)

R.T.: 14.047 min
Delta R.T.: -0.001 min
Response: 2833429
Conc: 20.20 ug/ml

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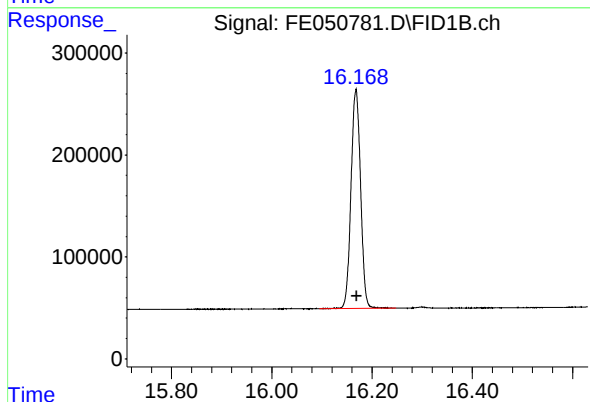
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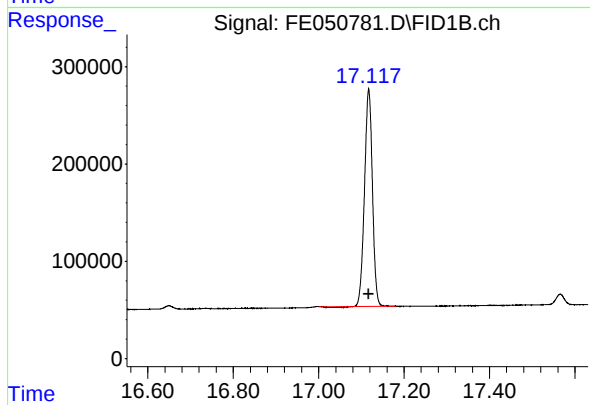
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.002 min
Response: 2836377
Conc: 20.08 ug/ml



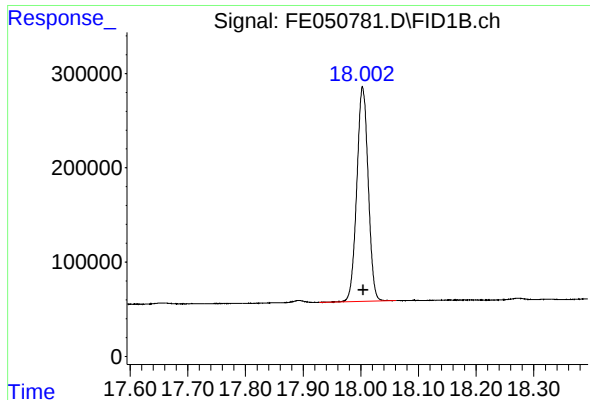
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.001 min
Response: 2837858
Conc: 20.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.117 min
Delta R.T.: 0.000 min
Response: 2858033
Conc: 19.53 ug/ml



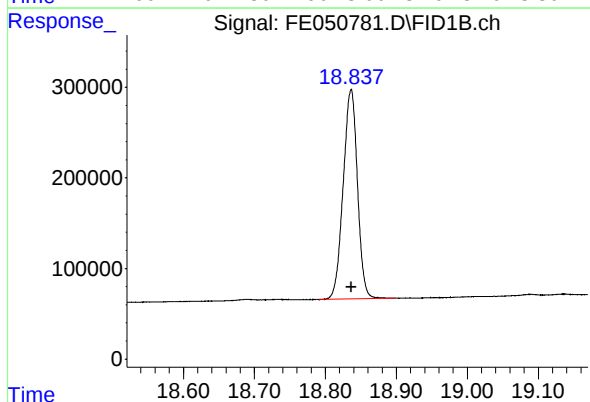
#17 n-Tricontane (C30)

R.T.: 18.003 min
Delta R.T.: 0.000 min
Response: 3127166
Conc: 19.67 ug/ml

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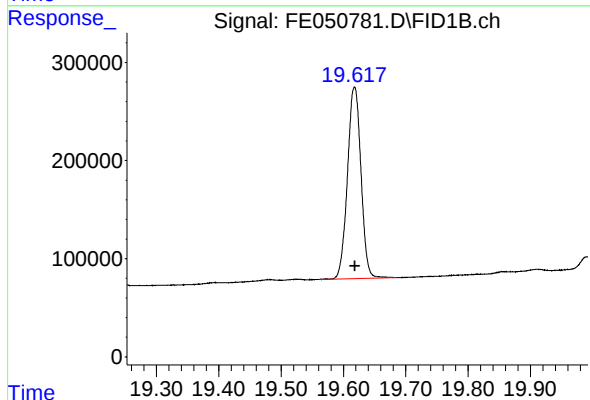
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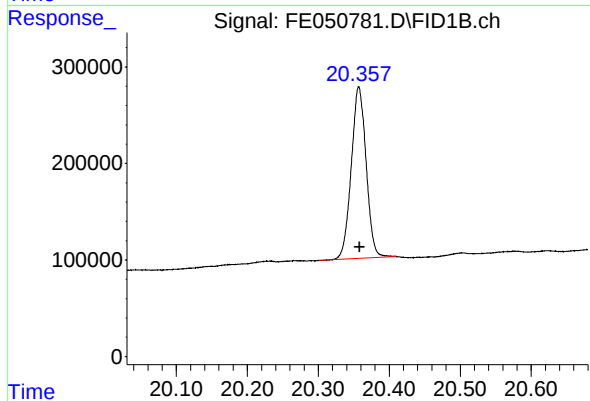
#18 n-Dotriacontane (C32)

R.T.: 18.836 min
Delta R.T.: 0.000 min
Response: 3229665
Conc: 19.92 ug/ml



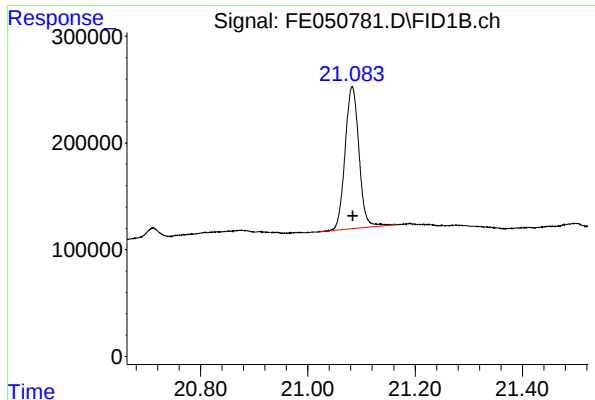
#19 n-Tetratriacontane (C34)

R.T.: 19.618 min
Delta R.T.: 0.000 min
Response: 2938942
Conc: 20.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.357 min
Delta R.T.: -0.001 min
Response: 2596313
Conc: 20.47 ug/ml



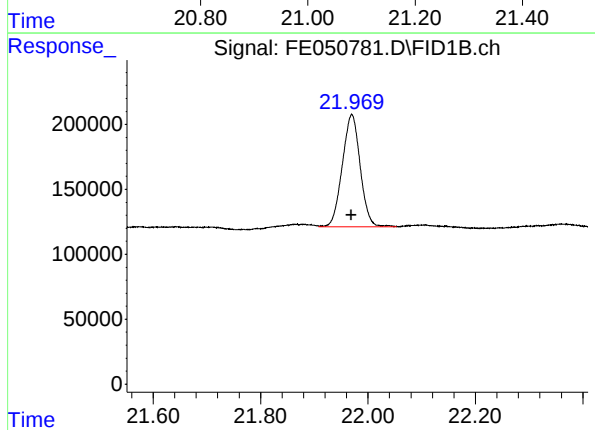
#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: -0.001 min
Response: 2397064
Conc: 19.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.969 min
Delta R.T.: 0.000 min
Response: 1998663
Conc: 17.95 ug/ml m