

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112322AL\
 Data File : FE038944.D
 Signal(s) : FID1B.ch
 Acq On : 24 Nov 2022 00:55
 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 11/25/2022
 Supervised By :Ankita Jodhani 11/25/2022

Integration File: autoint1.e
 Quant Time: Nov 24 14:50:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 2022
 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)	11.953	2885793	18.447 ug/ml
Spiked Amount 50.000		Recovery =	36.89%
12) S 1-chlorooctadecane (S...	13.387	2236783	18.526 ug/ml
Spiked Amount 50.000		Recovery =	37.05%
Target Compounds			
1) T n-Nonane (C9)	3.350	2640412	18.628 ug/ml
2) T n-Decane (C10)	4.599	2606354	18.700 ug/ml
3) T A~Naphthalene (C11.7)	6.301	2959933	18.610 ug/ml
4) T n-Dodecane (C12)	6.761	2639908	18.728 ug/ml
5) T A~2-methylnaphthalene...	7.395	2785197	18.609 ug/ml
6) T n-Tetradecane (C14)	8.587	2669897	18.694 ug/ml
7) T n-Hexadecane (C16)	10.193	2725141	18.638 ug/ml
8) T n-Octadecane (C18)	11.635	2730657	18.557 ug/ml
10) T n-Eicosane (C20)	12.944	2627692	18.510 ug/ml
11) T n-Heneicosane (C21)	13.555	2620956	18.445 ug/ml
13) T n-Docosane (C22)	14.140	2588208	18.515 ug/ml
14) T n-Tetracosane (C24)	15.243	2533898	18.348 ug/ml
15) T n-Hexacosane (C26)	16.263	2462756	18.336 ug/ml
16) T n-Octacosane (C28)	17.213	2462365	18.542 ug/ml
17) T n-Tricontane (C30)	18.101	2512372	19.024 ug/ml
18) T n-Dotriacontane (C32)	18.931	2562174	19.212 ug/mlm
19) T n-Tetratriacontane (C34)	19.716	2523849	19.073 ug/ml
20) T n-Hexatriacontane (C36)	20.457	2437558	18.974 ug/ml
21) T n-Octatriacontane (C38)	21.199	2481180	18.935 ug/mlm
22) T n-Tetracontane (C40)	22.120	2507375	18.414 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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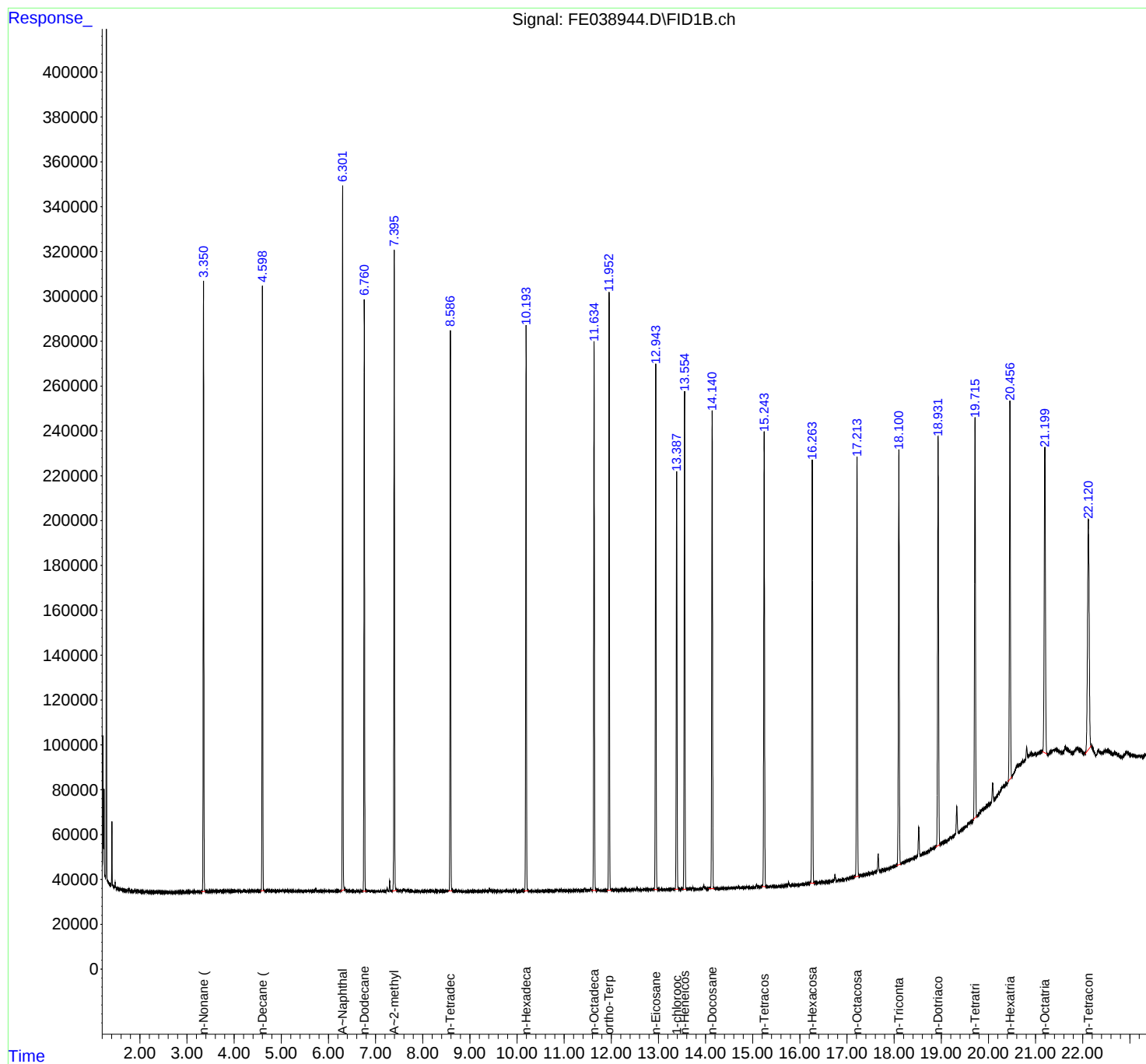
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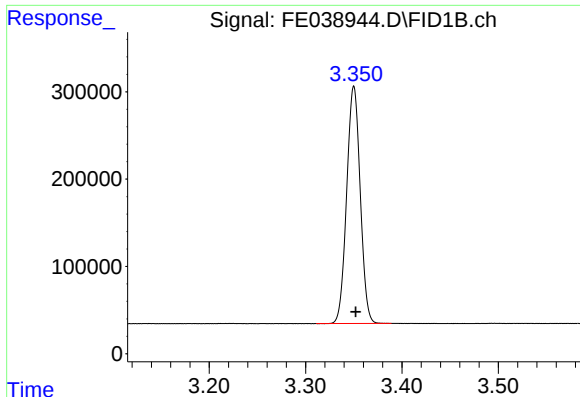
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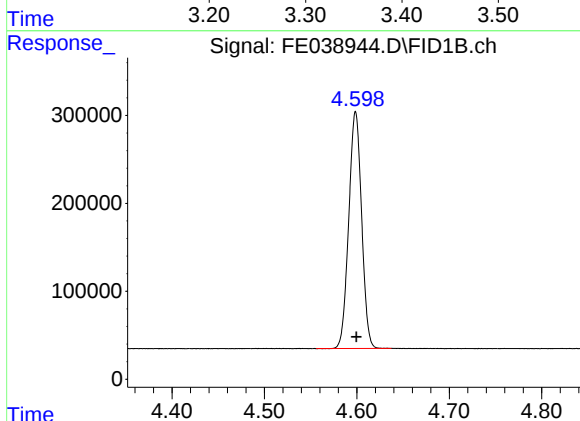
#1 n-Nonane (C9)

R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 2640412
Conc: 18.63 ug/ml

Instrument :
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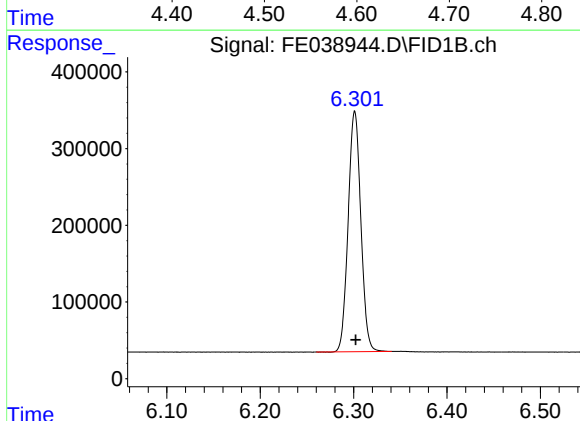
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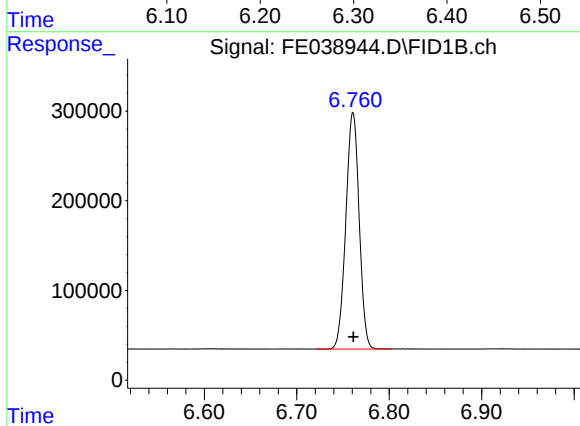
#2 n-Decane (C10)

R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 2606354
Conc: 18.70 ug/ml



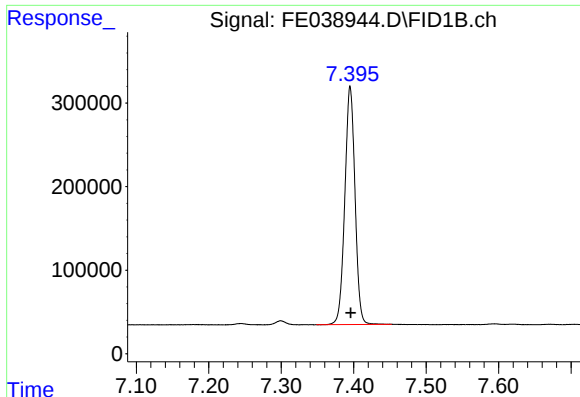
#3 A~Naphthalene (C11.7)

R.T.: 6.301 min
Delta R.T.: -0.001 min
Response: 2959933
Conc: 18.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 2639908
Conc: 18.73 ug/ml



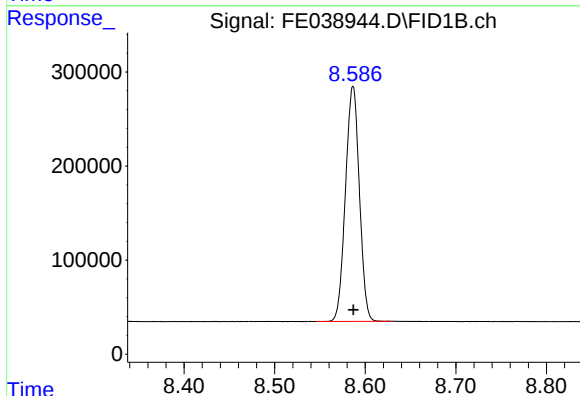
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.395 min
Delta R.T.: 0.000 min
Response: 2785197
Conc: 18.61 ug/ml

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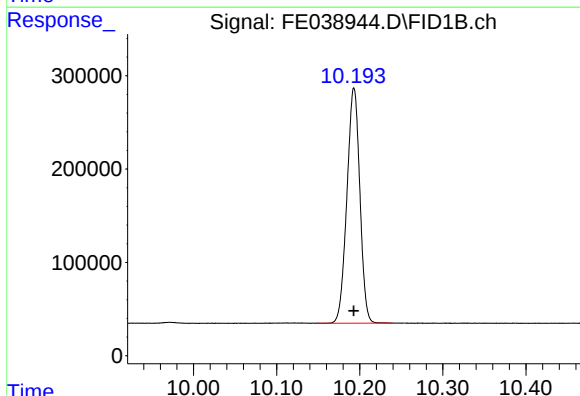
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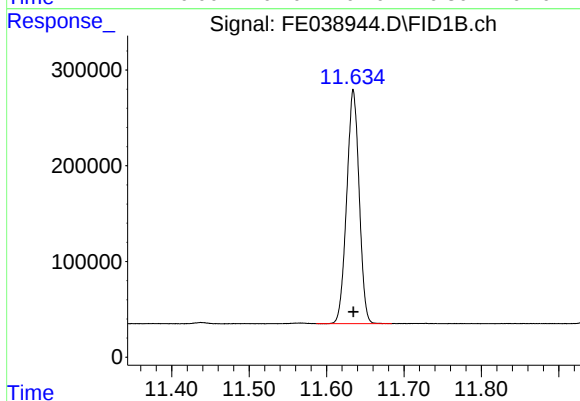
#6 n-Tetradecane (C14)

R.T.: 8.587 min
Delta R.T.: 0.000 min
Response: 2669897
Conc: 18.69 ug/ml



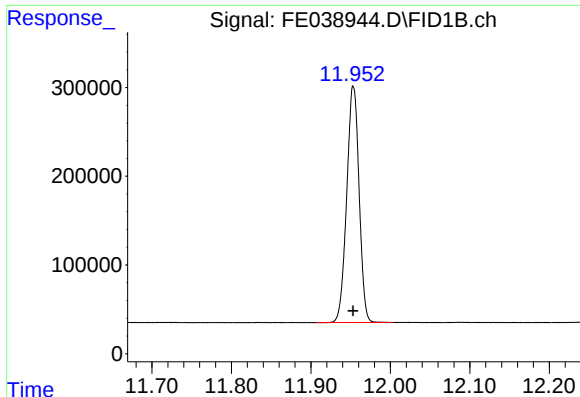
#7 n-Hexadecane (C16)

R.T.: 10.193 min
Delta R.T.: 0.000 min
Response: 2725141
Conc: 18.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.635 min
Delta R.T.: 0.000 min
Response: 2730657
Conc: 18.56 ug/ml



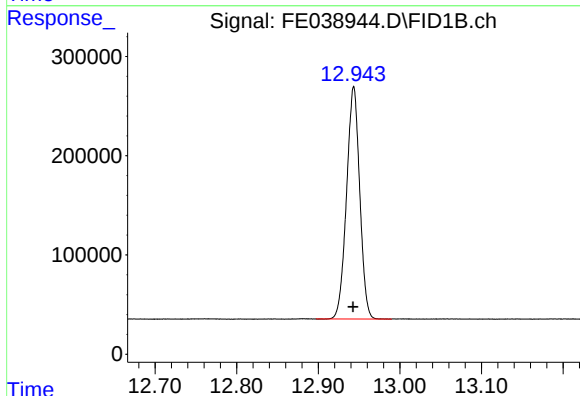
#9 ortho-Terphenyl (SURR)

R.T.: 11.953 min
Delta R.T.: 0.000 min
Response: 2885793
Conc: 18.45 ug/ml

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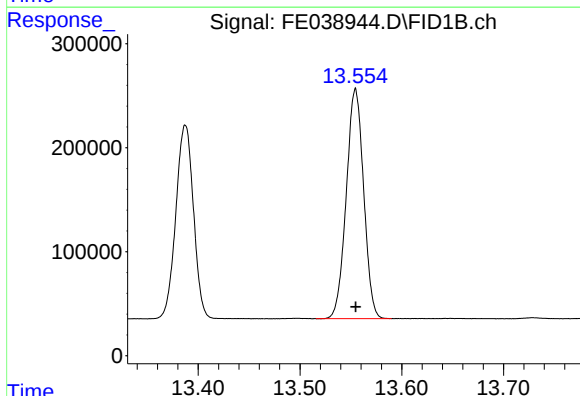
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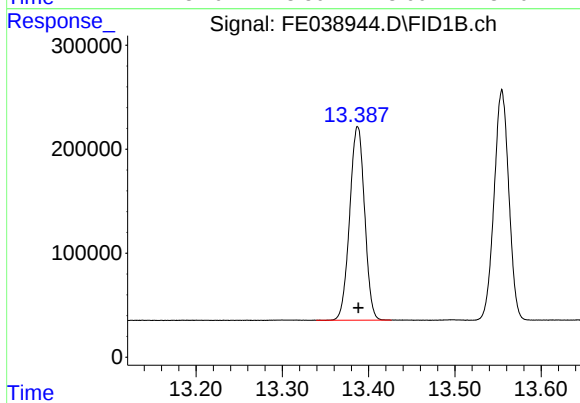
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: 0.000 min
Response: 2627692
Conc: 18.51 ug/ml



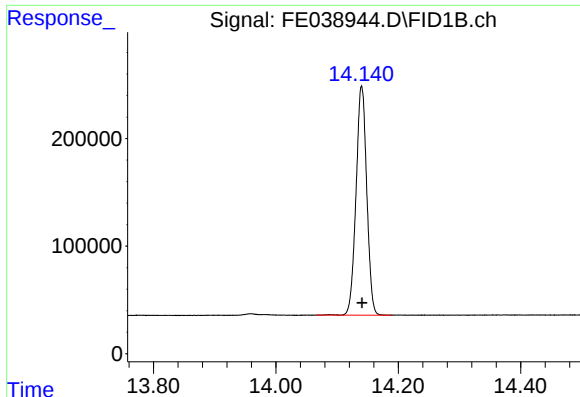
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.000 min
Response: 2620956
Conc: 18.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.387 min
Delta R.T.: 0.000 min
Response: 2236783
Conc: 18.53 ug/ml



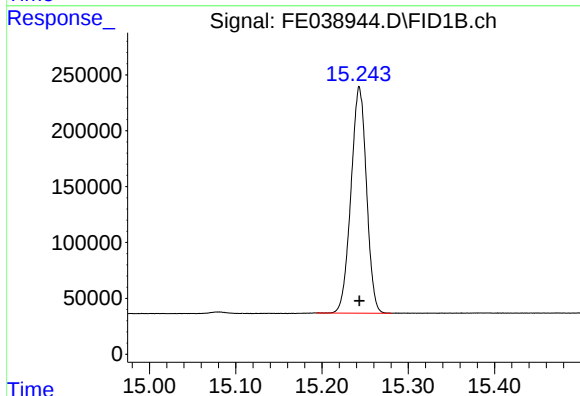
#13 n-Docosane (C22)

R.T.: 14.140 min
Delta R.T.: 0.000 min
Response: 2588208
Conc: 18.52 ug/ml

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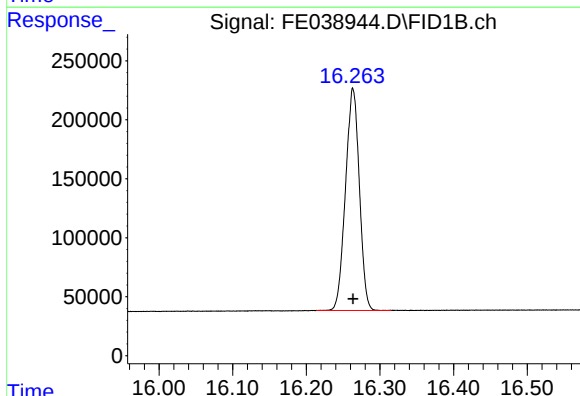
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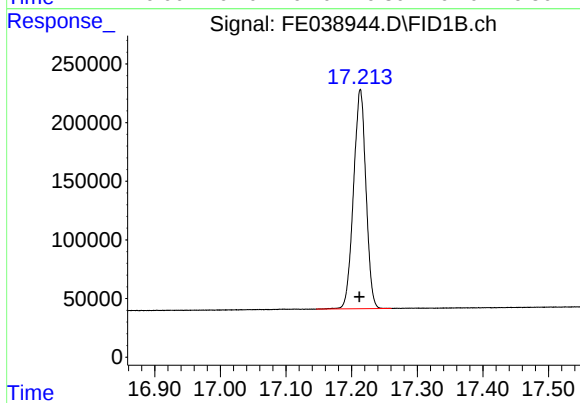
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: 0.000 min
Response: 2533898
Conc: 18.35 ug/ml



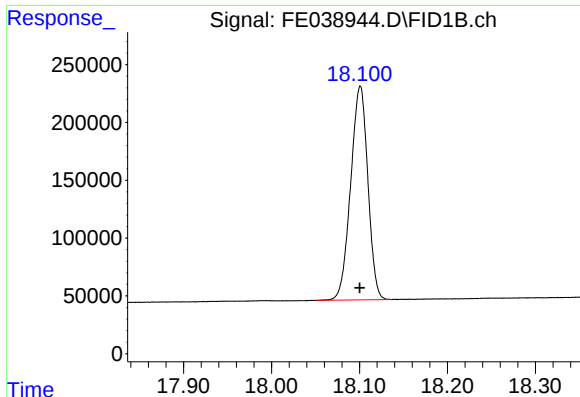
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: 0.000 min
Response: 2462756
Conc: 18.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.213 min
Delta R.T.: 0.001 min
Response: 2462365
Conc: 18.54 ug/ml



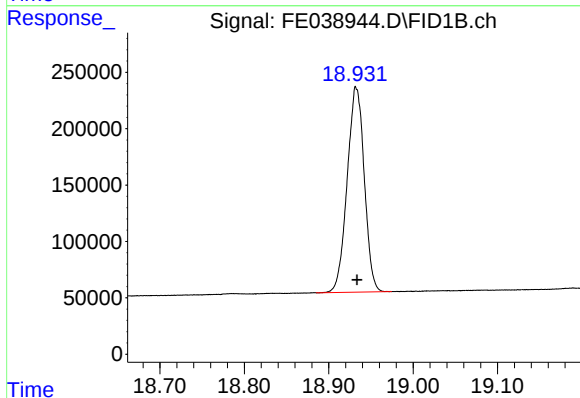
#17 n-Tricontane (C30)

R.T.: 18.101 min
Delta R.T.: 0.000 min
Response: 2512372
Conc: 19.02 ug/ml

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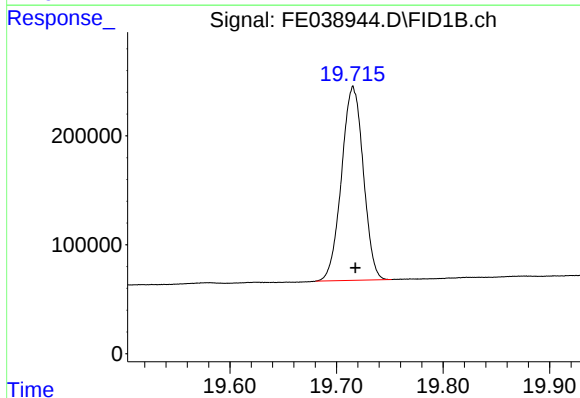
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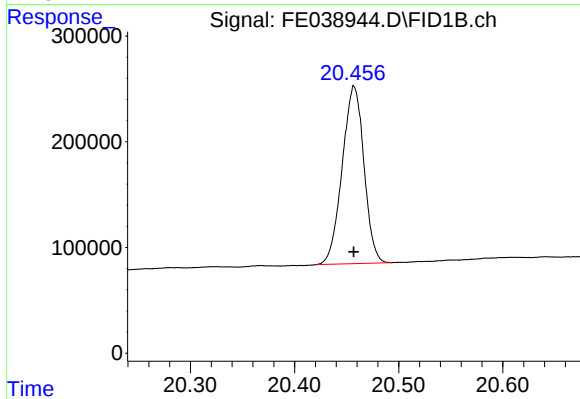
#18 n-Dotriacontane (C32)

R.T.: 18.931 min
Delta R.T.: -0.002 min
Response: 2562174
Conc: 19.21 ug/ml m



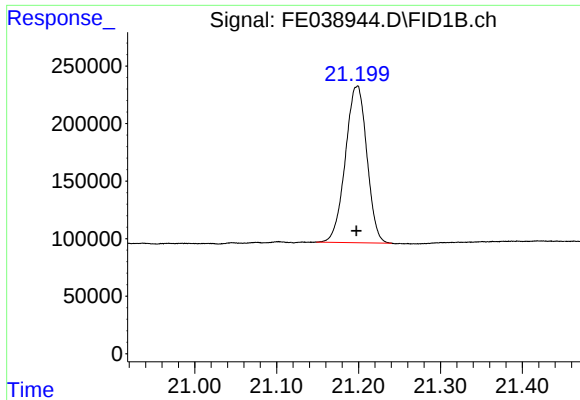
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: -0.002 min
Response: 2523849
Conc: 19.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.457 min
Delta R.T.: 0.000 min
Response: 2437558
Conc: 18.97 ug/ml



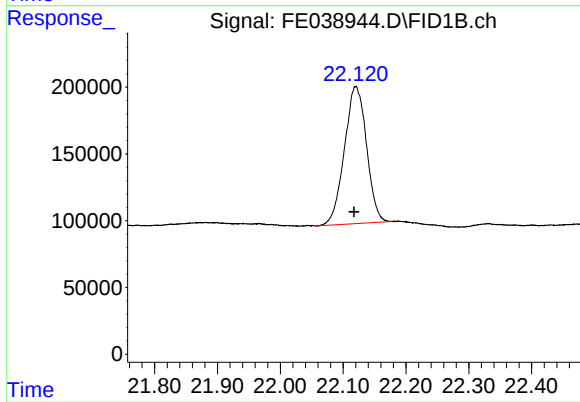
#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: 0.002 min
Response: 2481180
Conc: 18.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.120 min
Delta R.T.: 0.003 min
Response: 2507375
Conc: 18.41 ug/ml