

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112522AL\
 Data File : FE038983.D
 Signal(s) : FID1B.ch
 Acq On : 26 Nov 2022 06:33
 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 11/28/2022
 Supervised By :Ankita Jodhani 11/28/2022

Integration File: autoint1.e
 Quant Time: Nov 28 03:04:50 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)	11.952	3123122	19.964 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
12) S 1-chlorooctadecane (S...	13.385	2420301	20.046 ug/ml
Spiked Amount 50.000		Recovery =	40.09%
Target Compounds			
1) T n-Nonane (C9)	3.346	2753967	19.429 ug/ml
2) T n-Decane (C10)	4.596	2724832	19.550 ug/ml
3) T A~Naphthalene (C11.7)	6.299	3138487	19.732 ug/ml
4) T n-Dodecane (C12)	6.759	2763240	19.603 ug/ml
5) T A~2-methylnaphthalene...	7.393	2952048	19.724 ug/ml
6) T n-Tetradecane (C14)	8.585	2814393	19.706 ug/ml
7) T n-Hexadecane (C16)	10.191	2899215	19.829 ug/ml
8) T n-Octadecane (C18)	11.633	2929587	19.909 ug/ml
10) T n-Eicosane (C20)	12.942	2840489	20.009 ug/ml
11) T n-Heneicosane (C21)	13.554	2845633	20.026 ug/ml
13) T n-Docosane (C22)	14.139	2812774	20.122 ug/ml
14) T n-Tetracosane (C24)	15.241	2768352	20.045 ug/ml
15) T n-Hexacosane (C26)	16.262	2709347	20.172 ug/ml
16) T n-Octacosane (C28)	17.213	2736084	20.603 ug/ml
17) T n-Tricontane (C30)	18.101	2825024	21.392 ug/ml
18) T n-Dotriacontane (C32)	18.932	2920549	21.899 ug/ml
19) T n-Tetratriacontane (C34)	19.716	2848173	21.524 ug/ml
20) T n-Hexatriacontane (C36)	20.455	2685166	20.901 ug/ml
21) T n-Octatriacontane (C38)	21.198	2737176	20.889 ug/mlm
22) T n-Tetracontane (C40)	22.122	2684660	19.716 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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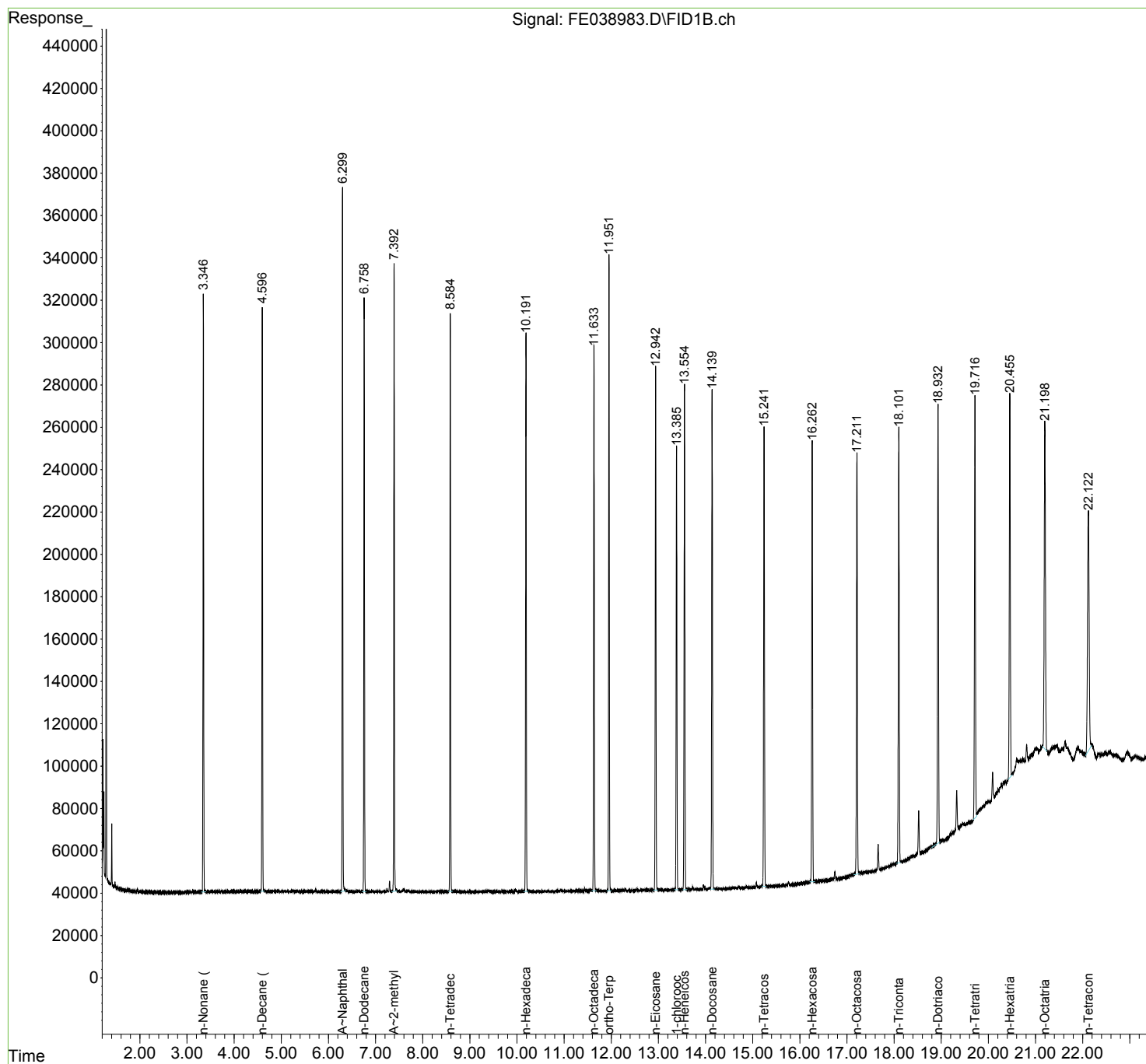
Instrument :
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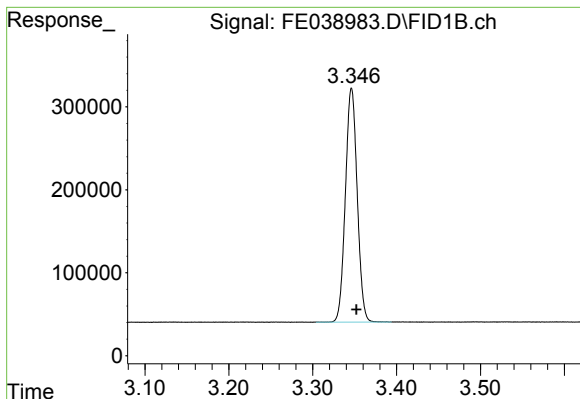
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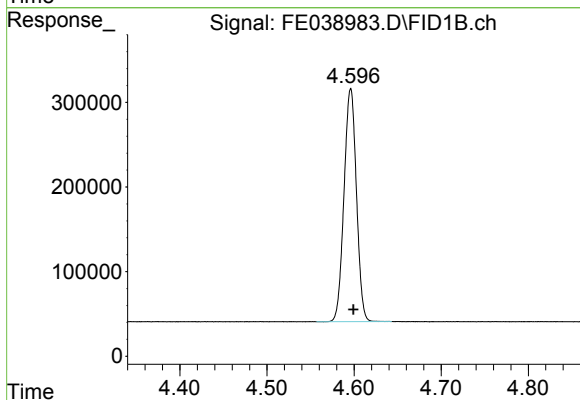
#1 n-Nonane (C9)

R.T.: 3.346 min
Delta R.T.: -0.006 min
Response: 2753967
Conc: 19.43 ug/ml

Instrument :
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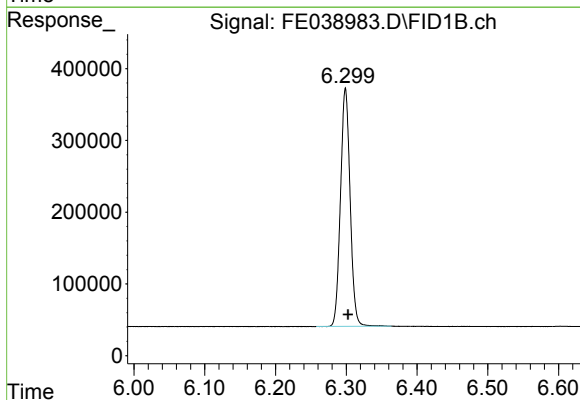
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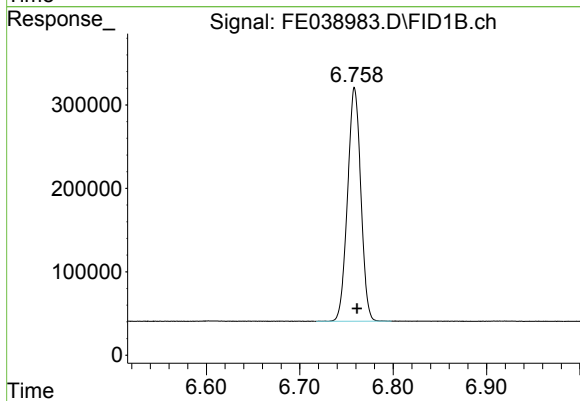
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: -0.003 min
Response: 2724832
Conc: 19.55 ug/ml



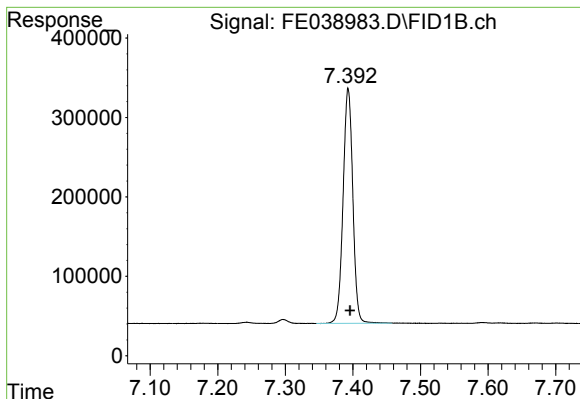
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min
Delta R.T.: -0.003 min
Response: 3138487
Conc: 19.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.759 min
Delta R.T.: -0.003 min
Response: 2763240
Conc: 19.60 ug/ml



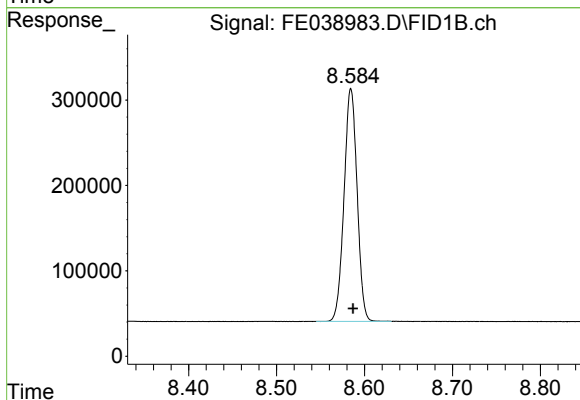
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 2952048
Conc: 19.72 ug/ml

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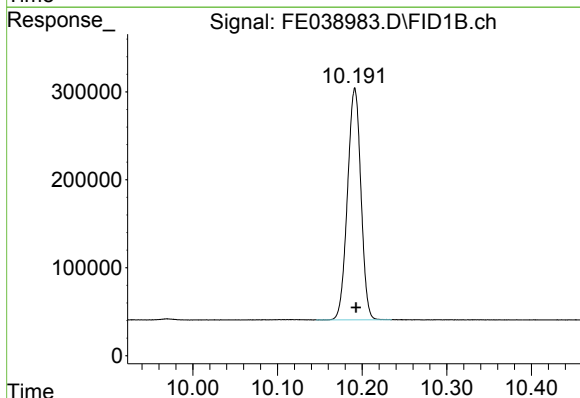
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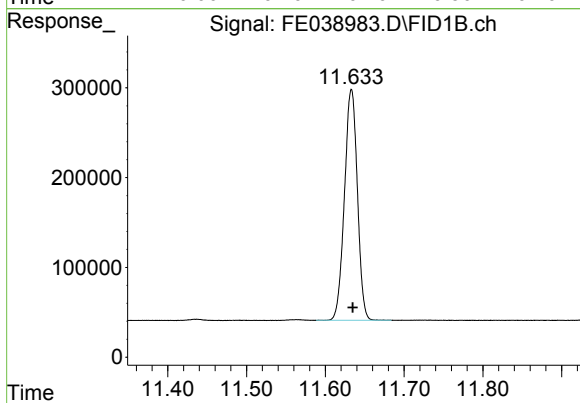
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.002 min
Response: 2814393
Conc: 19.71 ug/ml



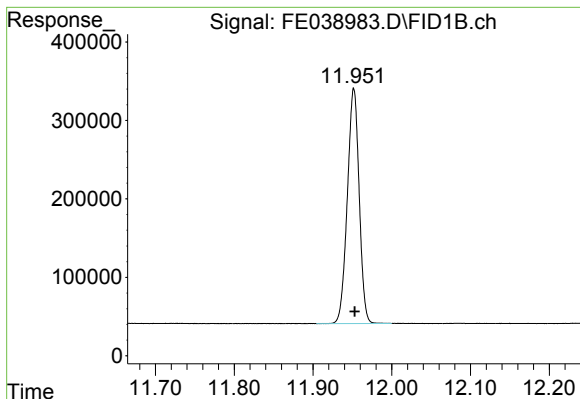
#7 n-Hexadecane (C16)

R.T.: 10.191 min
Delta R.T.: -0.001 min
Response: 2899215
Conc: 19.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.633 min
Delta R.T.: -0.002 min
Response: 2929587
Conc: 19.91 ug/ml



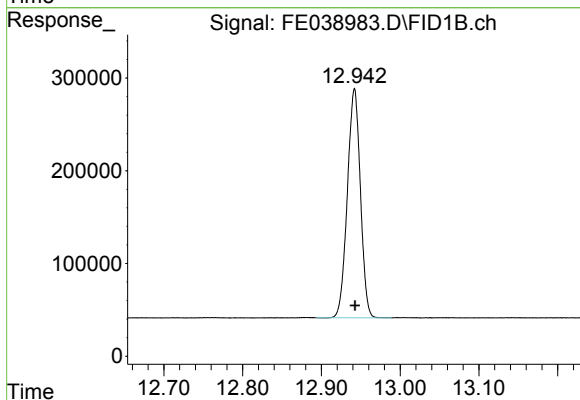
#9 ortho-Terphenyl (SURR)

R.T.: 11.952 min
Delta R.T.: -0.001 min
Response: 3123122
Conc: 19.96 ug/ml

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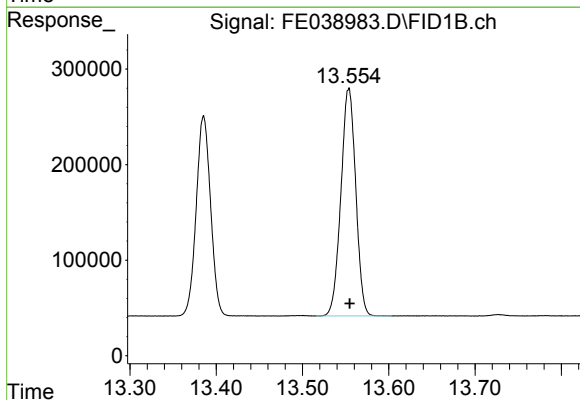
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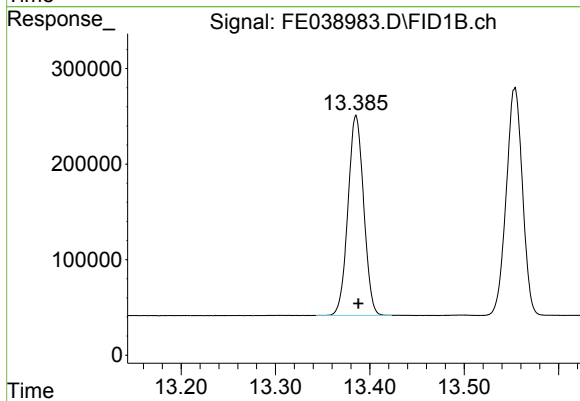
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.000 min
Response: 2840489
Conc: 20.01 ug/ml



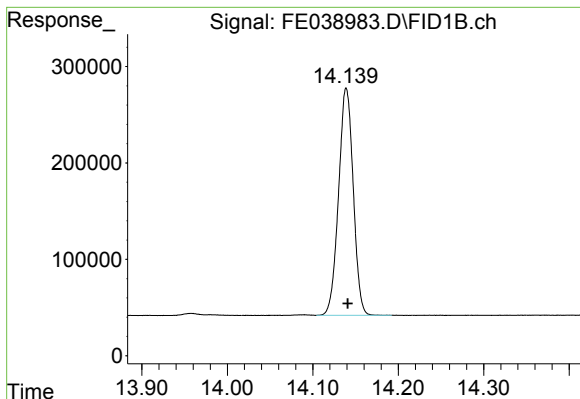
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: -0.001 min
Response: 2845633
Conc: 20.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.385 min
Delta R.T.: -0.003 min
Response: 2420301
Conc: 20.05 ug/ml



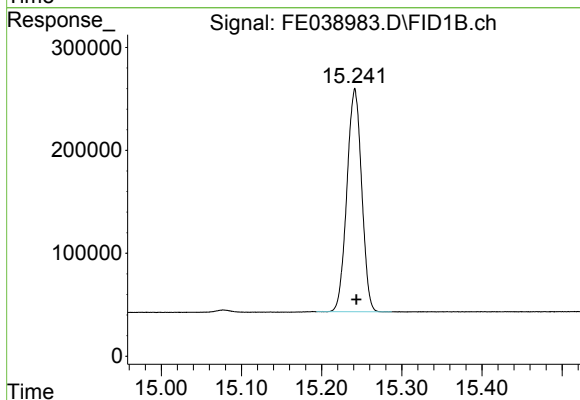
#13 n-Docosane (C22)

R.T.: 14.139 min
Delta R.T.: -0.002 min
Response: 2812774
Conc: 20.12 ug/ml

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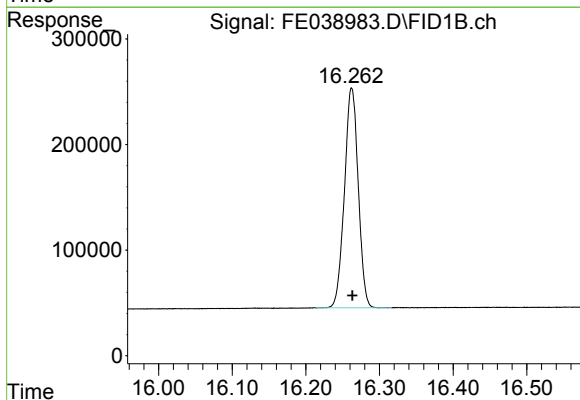
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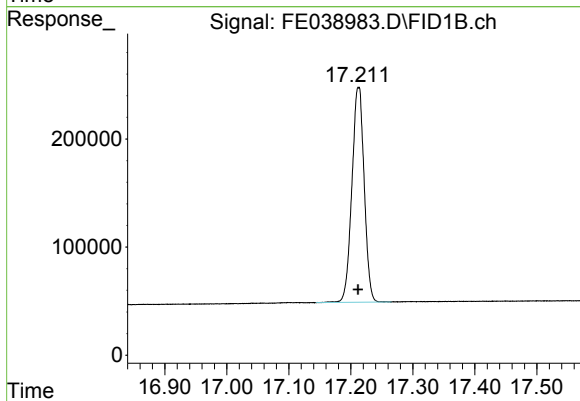
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: -0.002 min
Response: 2768352
Conc: 20.05 ug/ml



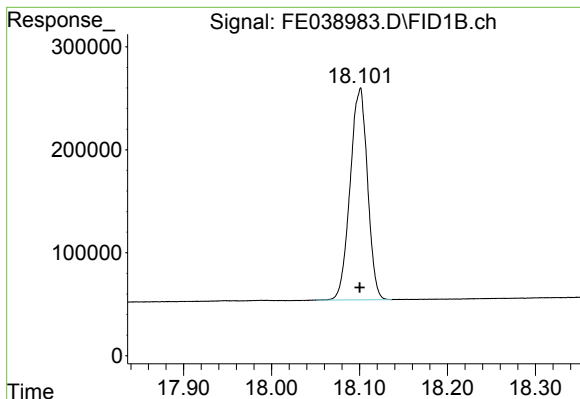
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: -0.001 min
Response: 2709347
Conc: 20.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.213 min
Delta R.T.: 0.000 min
Response: 2736084
Conc: 20.60 ug/ml



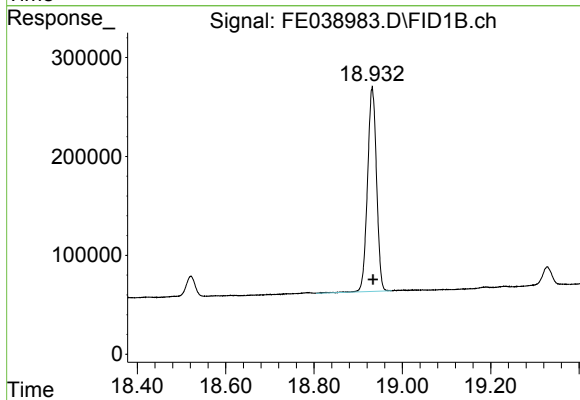
#17 n-Tricontane (C30)

R.T.: 18.101 min
Delta R.T.: 0.000 min
Response: 2825024
Conc: 21.39 ug/ml

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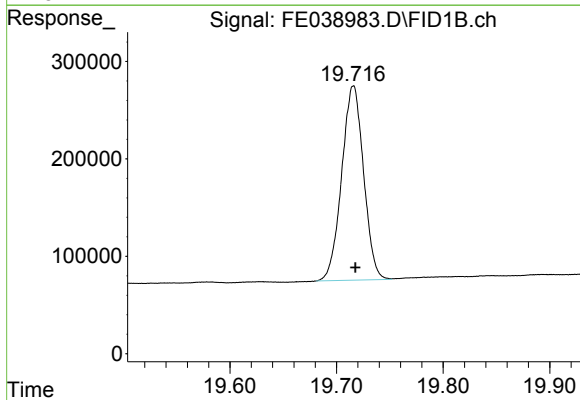
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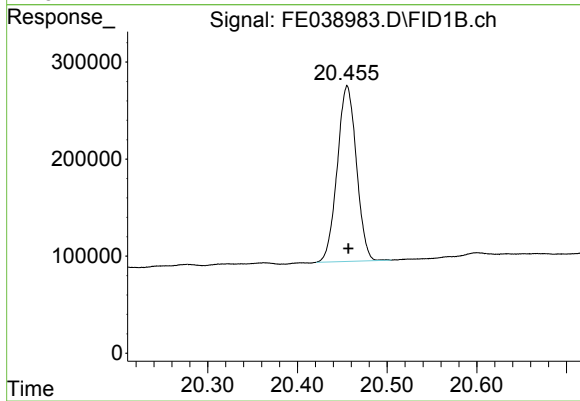
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.002 min
Response: 2920549
Conc: 21.90 ug/ml



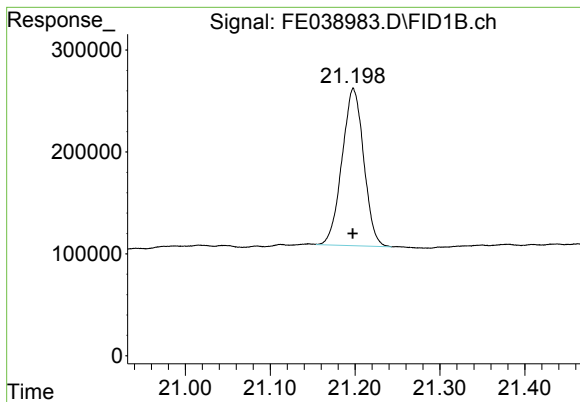
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: -0.002 min
Response: 2848173
Conc: 21.52 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.455 min
Delta R.T.: -0.001 min
Response: 2685166
Conc: 20.90 ug/ml



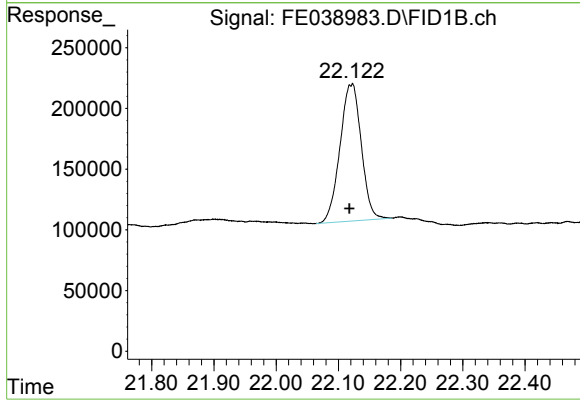
#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: 0.000 min
Response: 2737176
Conc: 20.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: 0.005 min
Response: 2684660
Conc: 19.72 ug/ml m