

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061224AL\
 Data File : FE048678.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2024 18:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2024
 Supervised By :Ankita Jodhani 06/13/2024

Integration File: autoint1.e
 Quant Time: Jun 13 01:28:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.939	2740872	19.087 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
12) S 1-chlorooctadecane (S...	13.374	2046982	18.790 ug/ml
Spiked Amount 50.000		Recovery =	37.58%
Target Compounds			
1) T n-Nonane (C9)	3.328	2682224	17.941 ug/ml
2) T n-Decane (C10)	4.577	2810128	18.610 ug/ml
3) T A~Naphthalene (C11.7)	6.282	2759386	18.532 ug/ml
4) T n-Dodecane (C12)	6.742	2776750	18.758 ug/ml
5) T A~2-methylnaphthalene...	7.378	2585131	18.645 ug/ml
6) T n-Tetradecane (C14)	8.570	2673310	18.848 ug/ml
7) T n-Hexadecane (C16)	10.178	2678951	19.002 ug/ml
8) T n-Octadecane (C18)	11.619	2653091	19.103 ug/ml
10) T n-Eicosane (C20)	12.929	2529611	19.115 ug/ml
11) T n-Heneicosane (C21)	13.541	2463521	19.019 ug/ml
13) T n-Docosane (C22)	14.126	2481095	19.254 ug/ml
14) T n-Tetracosane (C24)	15.228	2585858	19.960 ug/ml
15) T n-Hexacosane (C26)	16.248	2632522	20.312 ug/ml
16) T n-Octacosane (C28)	17.198	2769902	21.430 ug/ml
17) T n-Tricontane (C30)	18.085	3050144	22.769 ug/ml
18) T n-Dotriacontane (C32)	18.916	3146244	23.178 ug/ml
19) T n-Tetratriacontane (C34)	19.700	2982578	21.802 ug/ml
20) T n-Hexatriacontane (C36)	20.439	2806536	20.646 ug/ml
21) T n-Octatriacontane (C38)	21.176	2645740	19.401 ug/ml
22) T n-Tetracontane (C40)	22.089	2532054	18.493 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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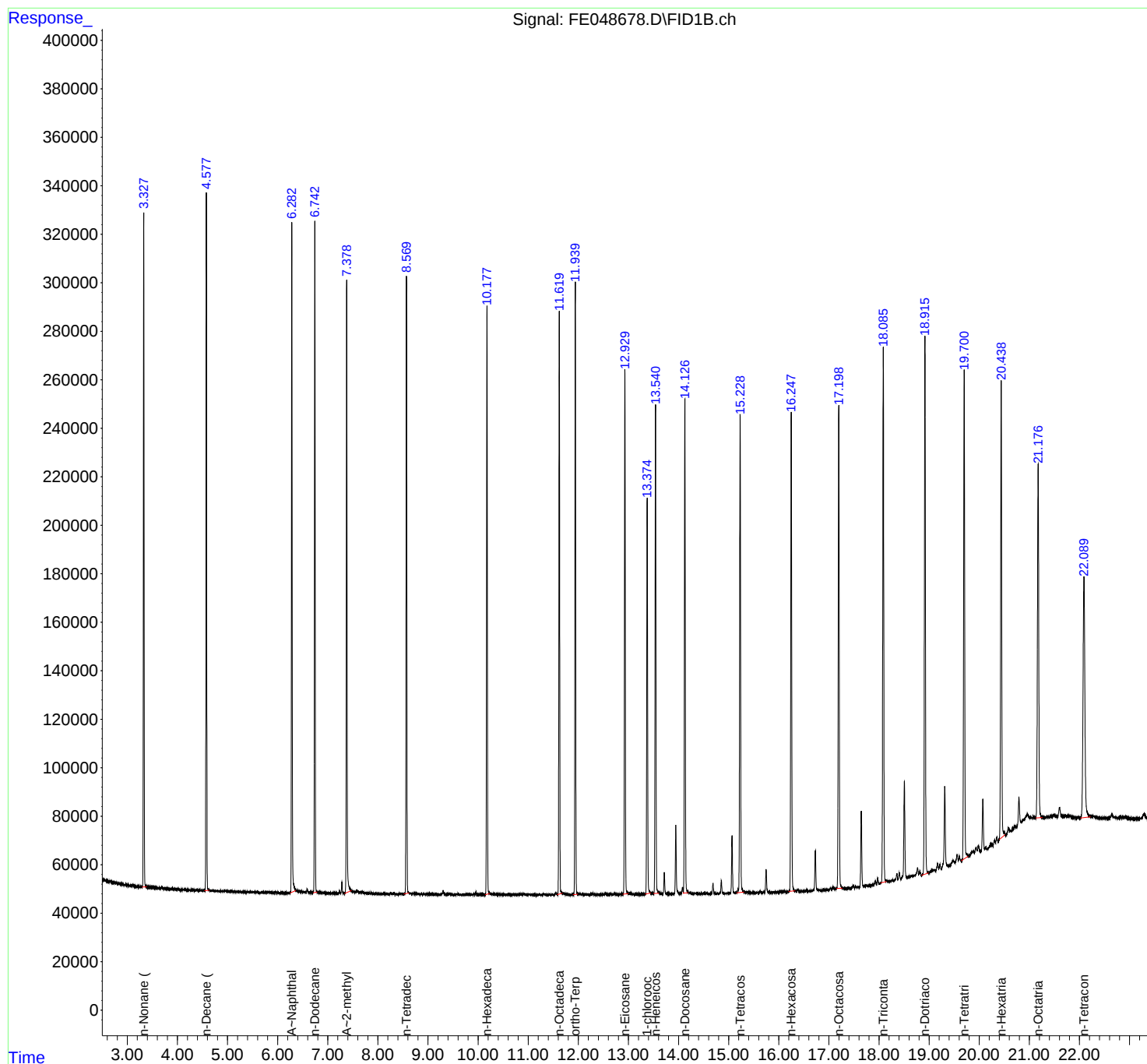
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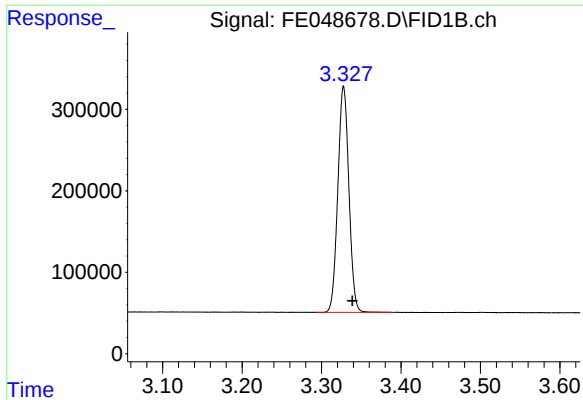
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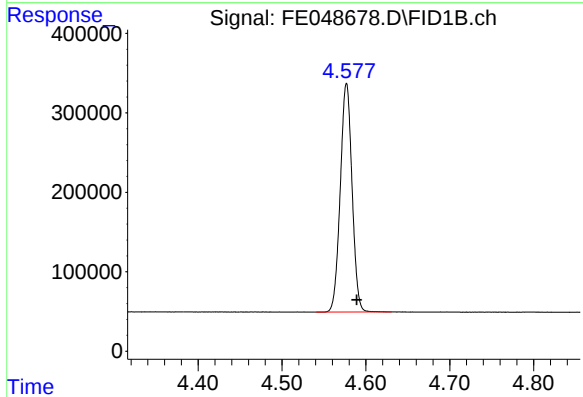
#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: -0.011 min
Response: 2682224
Conc: 17.94 ug/ml

Instrument :
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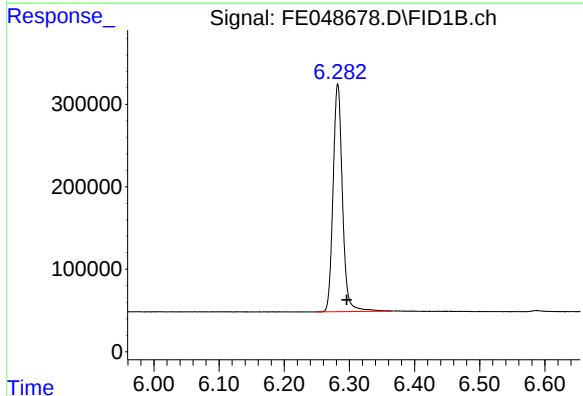
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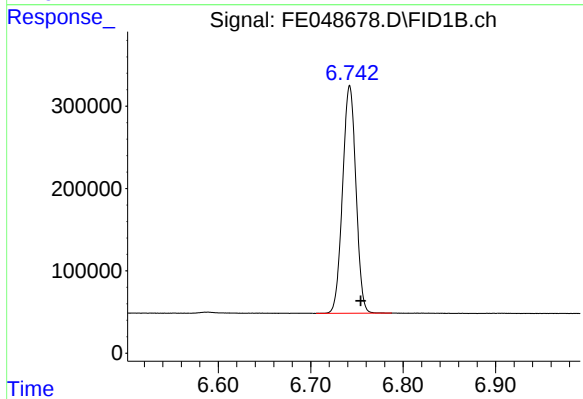
#2 n-Decane (C10)

R.T.: 4.577 min
Delta R.T.: -0.012 min
Response: 2810128
Conc: 18.61 ug/ml



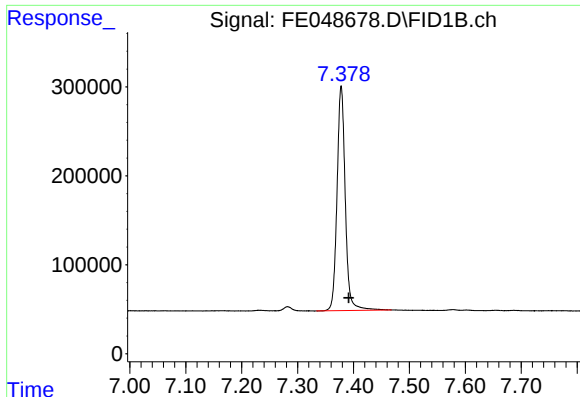
#3 A~Naphthalene (C11.7)

R.T.: 6.282 min
Delta R.T.: -0.014 min
Response: 2759386
Conc: 18.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.742 min
Delta R.T.: -0.012 min
Response: 2776750
Conc: 18.76 ug/ml



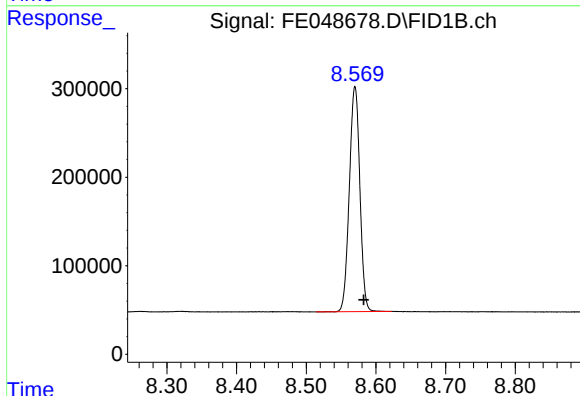
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.378 min
Delta R.T.: -0.013 min
Response: 2585131
Conc: 18.64 ug/ml

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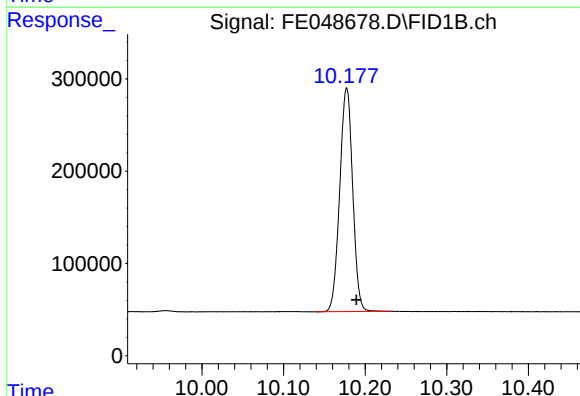
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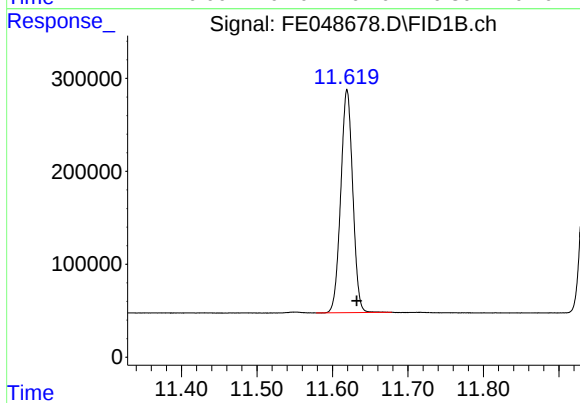
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: -0.012 min
Response: 2673310
Conc: 18.85 ug/ml



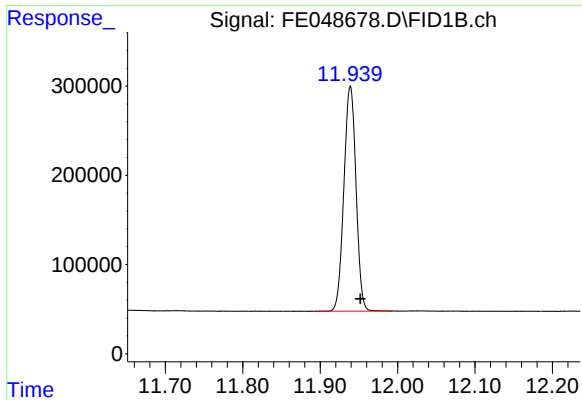
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.012 min
Response: 2678951
Conc: 19.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.619 min
Delta R.T.: -0.013 min
Response: 2653091
Conc: 19.10 ug/ml



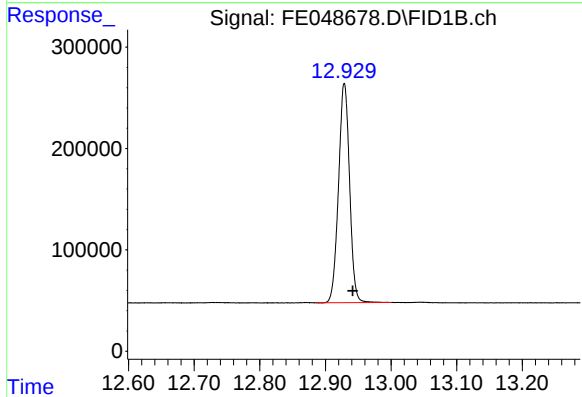
#9 ortho-Terphenyl (SURR)

R.T.: 11.939 min
Delta R.T.: -0.013 min
Response: 2740872
Conc: 19.09 ug/ml

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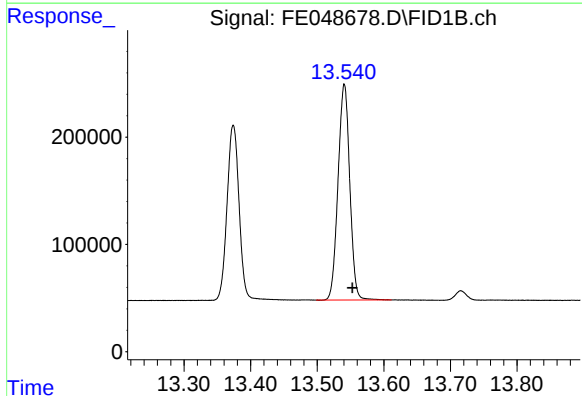
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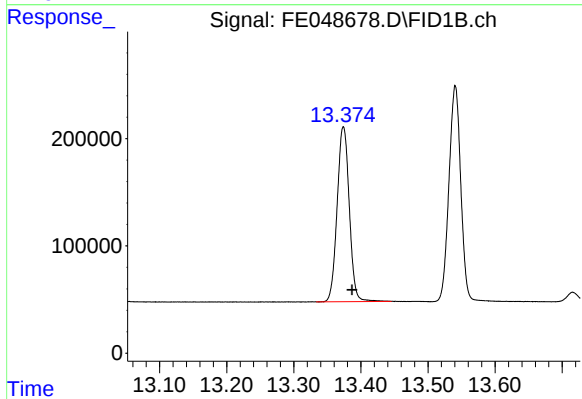
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: -0.013 min
Response: 2529611
Conc: 19.12 ug/ml



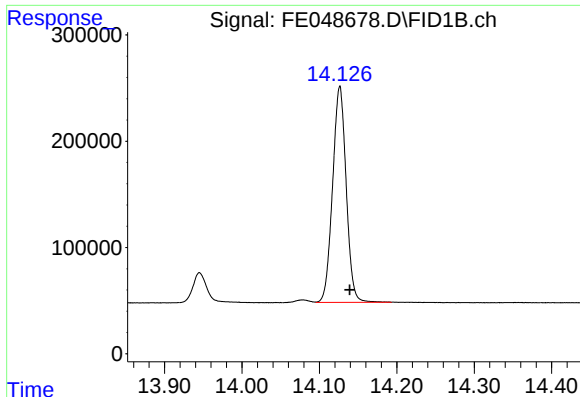
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: -0.012 min
Response: 2463521
Conc: 19.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.374 min
Delta R.T.: -0.013 min
Response: 2046982
Conc: 18.79 ug/ml



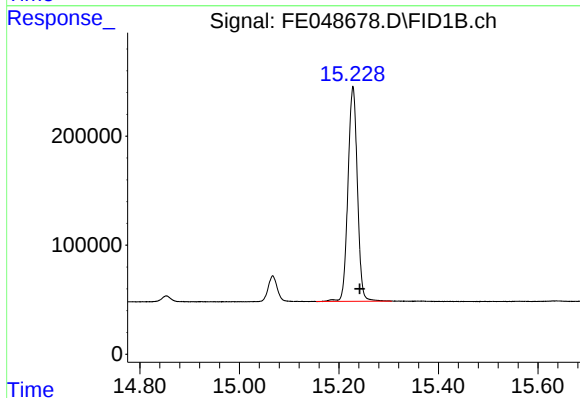
#13 n-Docosane (C22)

R.T.: 14.126 min
Delta R.T.: -0.013 min
Response: 2481095
Conc: 19.25 ug/ml

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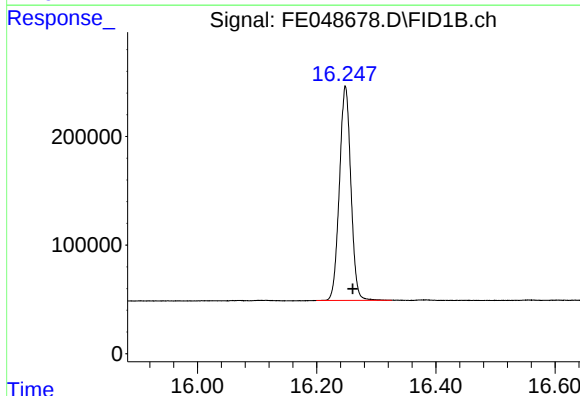
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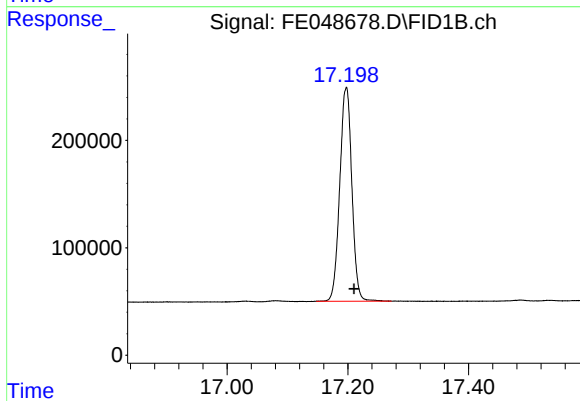
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.013 min
Response: 2585858
Conc: 19.96 ug/ml



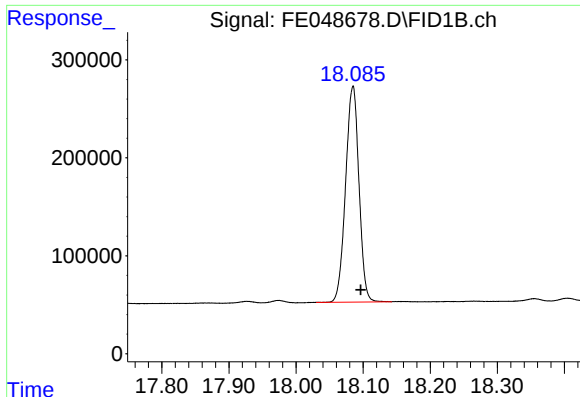
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: -0.012 min
Response: 2632522
Conc: 20.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.198 min
Delta R.T.: -0.013 min
Response: 2769902
Conc: 21.43 ug/ml



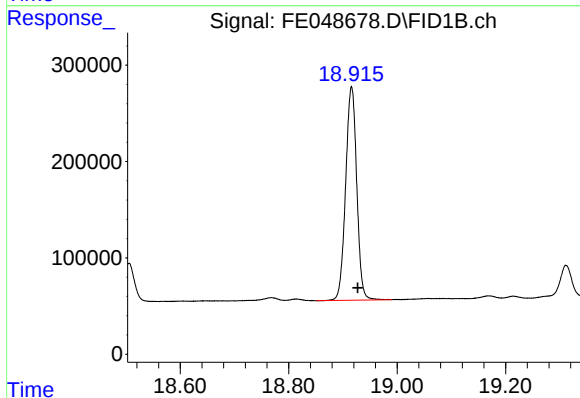
#17 n-Tricontane (C30)

R.T.: 18.085 min
Delta R.T.: -0.011 min
Response: 3050144
Conc: 22.77 ug/ml

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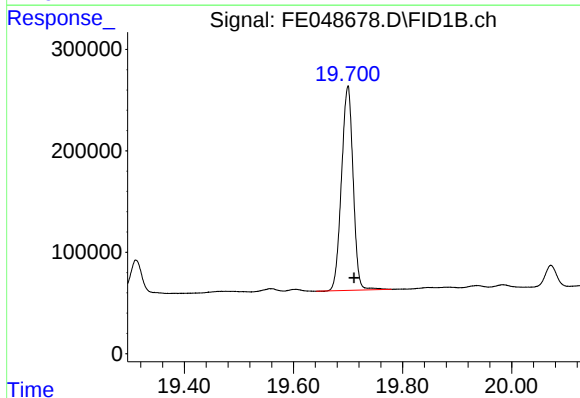
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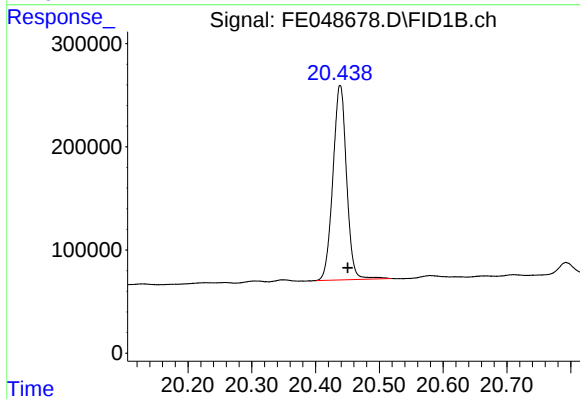
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: -0.012 min
Response: 3146244
Conc: 23.18 ug/ml



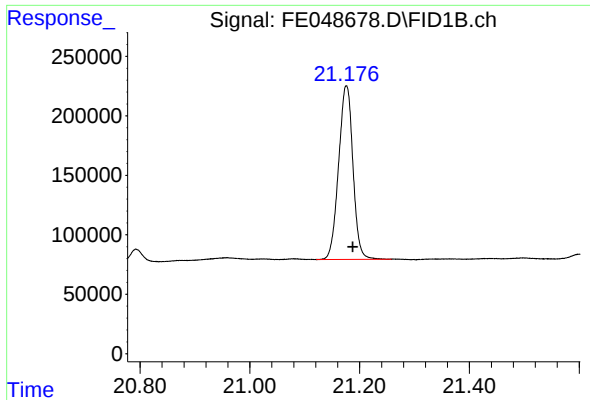
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.011 min
Response: 2982578
Conc: 21.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.439 min
Delta R.T.: -0.012 min
Response: 2806536
Conc: 20.65 ug/ml



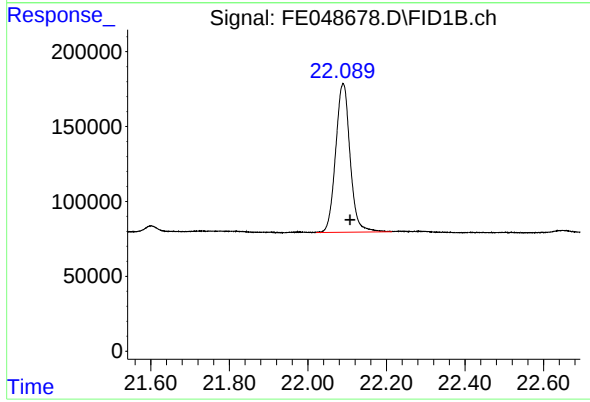
#21 n-Octatriacontane (C38)

R.T.: 21.176 min
Delta R.T.: -0.012 min
Response: 2645740
Conc: 19.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.089 min
Delta R.T.: -0.019 min
Response: 2532054
Conc: 18.49 ug/ml m