

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091422AL\
 Data File : FE037558.D
 Signal(s) : FID1B.ch
 Acq On : 14 Sep 2022 21:12
 Operator : YP\AJ
 Sample : N4578-36MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CHERRY-HILL-COMP-9MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2022
 Supervised By :Ankita Jodhani 09/15/2022

Integration File: autoint1.e
 Quant Time: Sep 15 04:50:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.631	6318488	37.389 ug/ml
Spiked Amount 50.000		Recovery =	74.78%
12) S 1-chlorooctadecane (S...	13.053	5278924	41.018 ug/ml
Spiked Amount 50.000		Recovery =	82.04%
Target Compounds			
1) T n-Nonane (C9)	3.030	5045438	32.975 ug/ml
2) T n-Decane (C10)	4.287	5900045	38.268 ug/ml
3) T A~Naphthalene (C11.7)	5.997	6500013	45.117 ug/ml
4) T n-Dodecane (C12)	6.456	6772147	42.826 ug/ml
5) T A~2-methylnaphthalene...	7.089	6667924	47.760 ug/ml
6) T n-Tetradecane (C14)	9.874	7277134	45.926 ug/ml
7) T n-Hexadecane (C16)	9.874	7277134	45.926 ug/ml
8) T n-Octadecane (C18)	11.310	7514946	47.192 ug/ml
10) T n-Eicosane (C20)	12.613	7271037	45.955 ug/ml
11) T n-Heneicosane (C21)	13.220	7152961	45.361 ug/ml
13) T n-Docosane (C22)	13.804	7039341	45.220 ug/ml
14) T n-Tetracosane (C24)	14.899	13300885	88.434 ug/ml
15) T n-Hexacosane (C26)	15.916	6762793	46.703 ug/ml
16) T n-Octacosane (C28)	16.860	6797360	49.065 ug/ml
17) T n-Tricontane (C30)	17.745	6348977	46.673 ug/ml
18) T n-Dotriacontane (C32)	18.570	6435710	48.196 ug/ml
19) T n-Tetratriacontane (C34)	19.351	6411609	50.674 ug/ml
20) T n-Hexatriacontane (C36)	20.085	6297494	48.964 ug/mlm
21) T n-Octatriacontane (C38)	20.782	6482054	52.082 ug/mlm
22) T n-Tetracontane (C40)	21.561	6853579	53.163 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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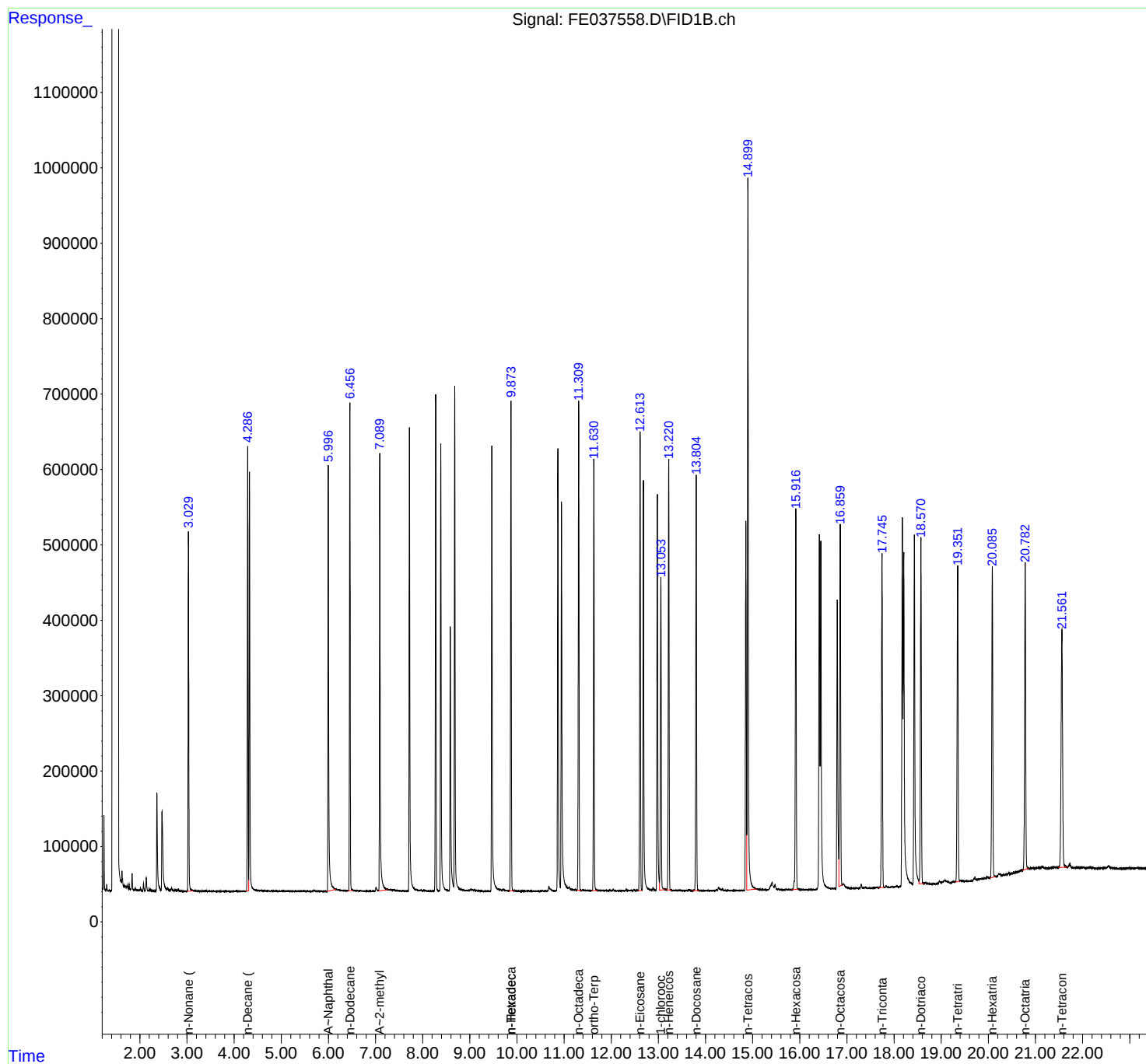
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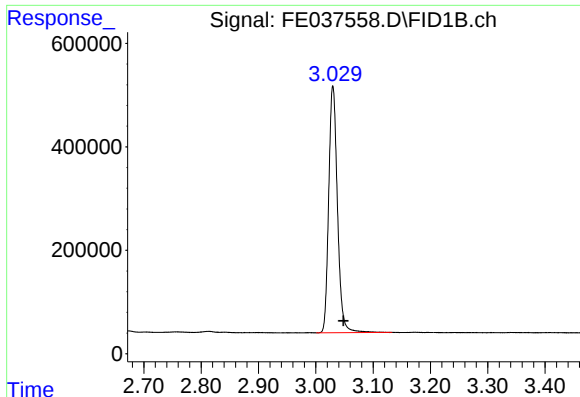
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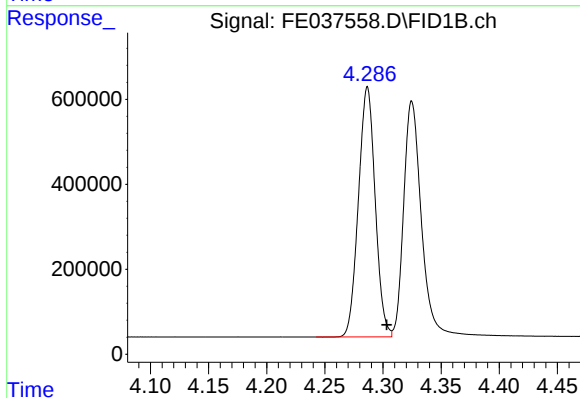
#1 n-Nonane (C9)

R.T.: 3.030 min
Delta R.T.: -0.018 min
Response: 5045438
Conc: 32.98 ug/ml

Instrument :
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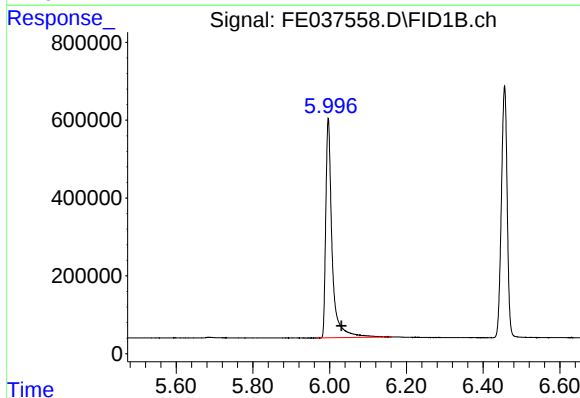
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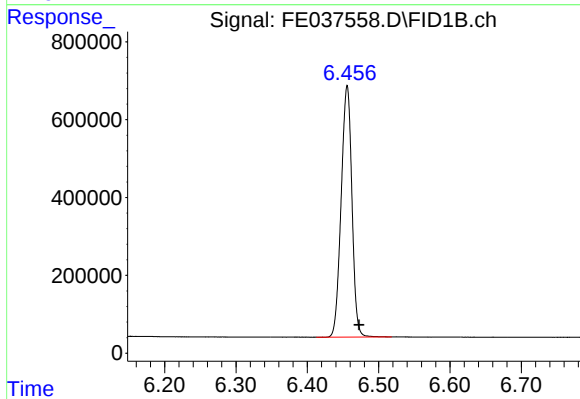
#2 n-Decane (C10)

R.T.: 4.287 min
Delta R.T.: -0.017 min
Response: 5900045
Conc: 38.27 ug/ml



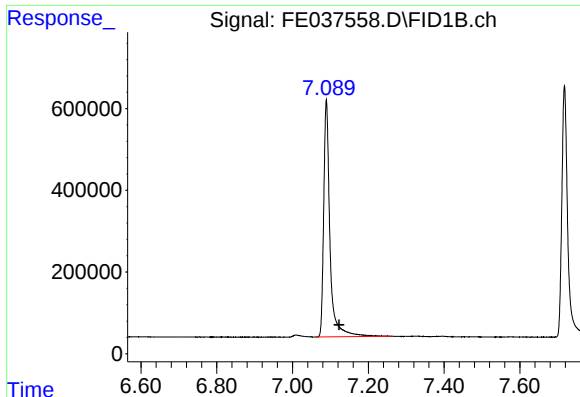
#3 A~Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: -0.034 min
Response: 6500013
Conc: 45.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.456 min
Delta R.T.: -0.016 min
Response: 6772147
Conc: 42.83 ug/ml



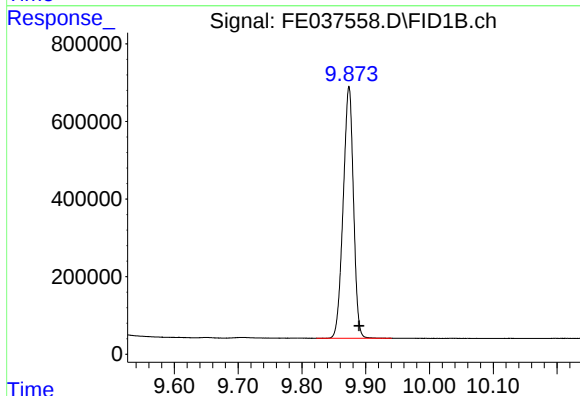
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.089 min
Delta R.T.: -0.034 min
Response: 6667924
Conc: 47.76 ug/ml

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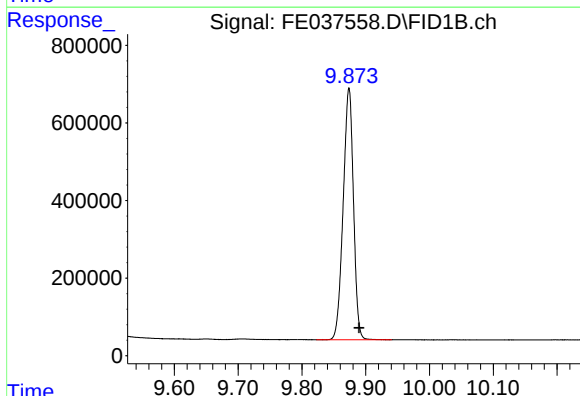
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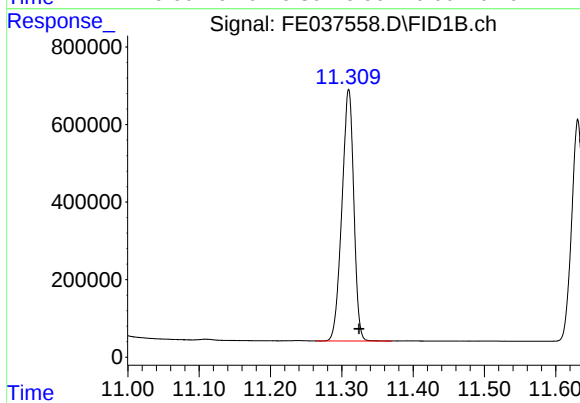
#6 n-Tetradecane (C14)

R.T.: 9.874 min
Delta R.T.: -0.016 min
Response: 7277134
Conc: 45.93 ug/ml



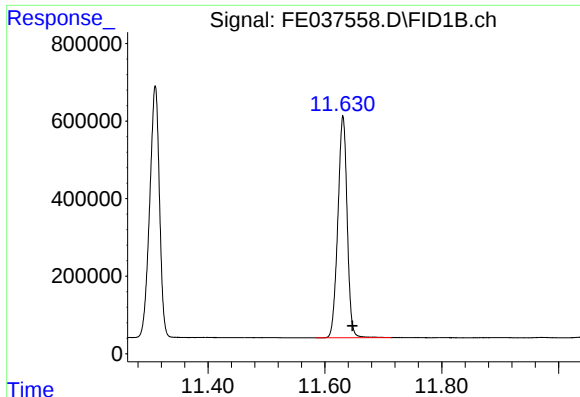
#7 n-Hexadecane (C16)

R.T.: 9.874 min
Delta R.T.: -0.016 min
Response: 7277134
Conc: 45.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.310 min
Delta R.T.: -0.014 min
Response: 7514946
Conc: 47.19 ug/ml



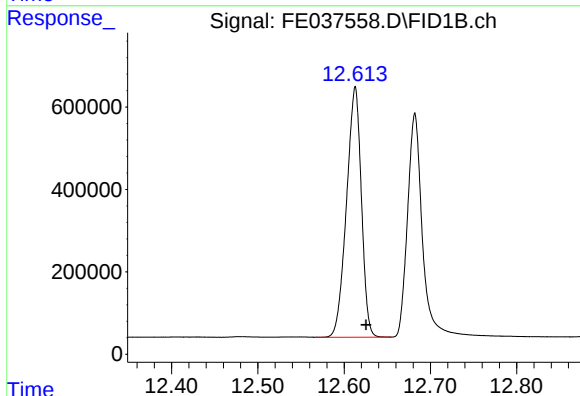
#9 ortho-Terphenyl (SURR)

R.T.: 11.631 min
Delta R.T.: -0.016 min
Response: 6318488
Conc: 37.39 ug/ml

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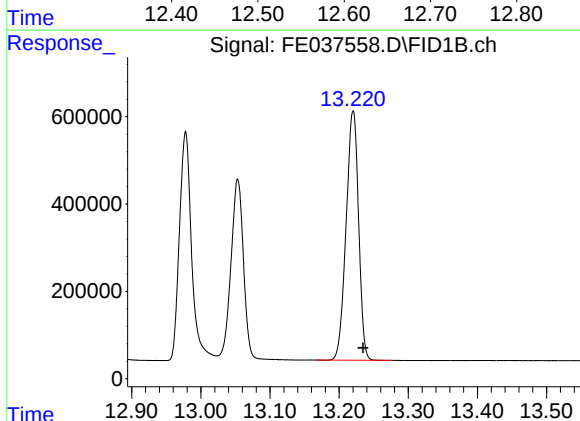
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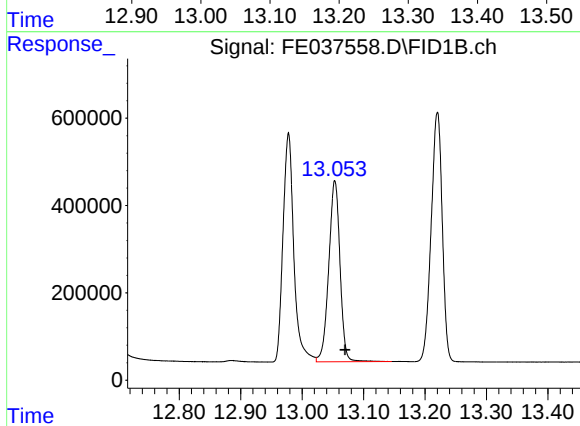
#10 n-Eicosane (C20)

R.T.: 12.613 min
Delta R.T.: -0.013 min
Response: 7271037
Conc: 45.95 ug/ml



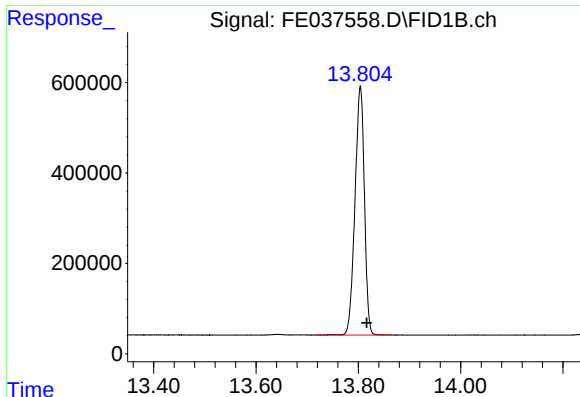
#11 n-Heneicosane (C21)

R.T.: 13.220 min
Delta R.T.: -0.014 min
Response: 7152961
Conc: 45.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.053 min
Delta R.T.: -0.016 min
Response: 5278924
Conc: 41.02 ug/ml



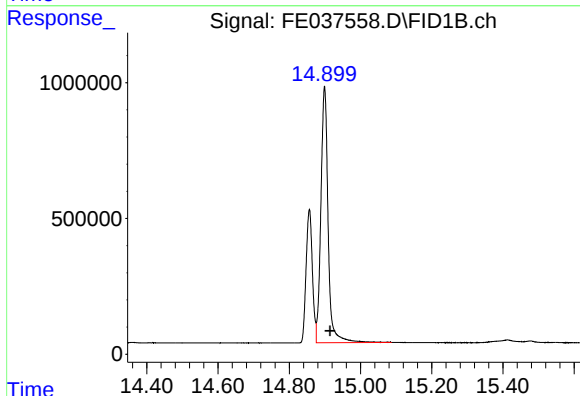
#13 n-Docosane (C22)

R.T.: 13.804 min
Delta R.T.: -0.012 min
Response: 7039341
Conc: 45.22 ug/ml

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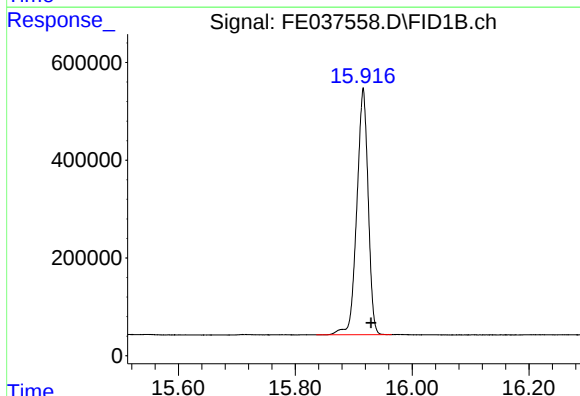
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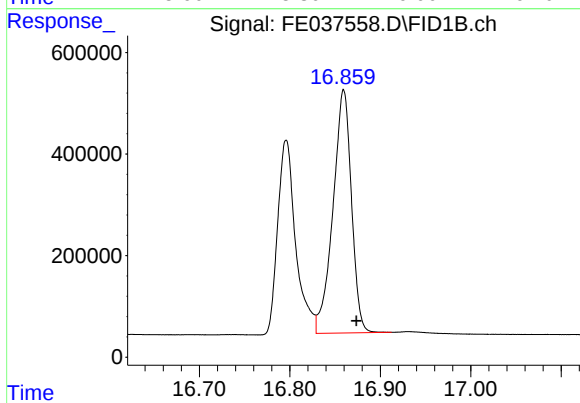
#14 n-Tetracosane (C24)

R.T.: 14.899 min
Delta R.T.: -0.016 min
Response: 13300885
Conc: 88.43 ug/ml



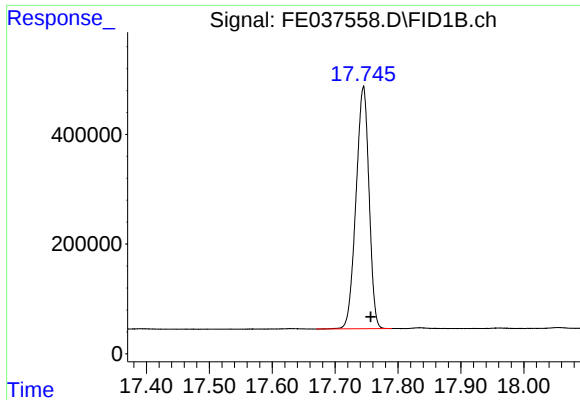
#15 n-Hexacosane (C26)

R.T.: 15.916 min
Delta R.T.: -0.013 min
Response: 6762793
Conc: 46.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.860 min
Delta R.T.: -0.014 min
Response: 6797360
Conc: 49.06 ug/ml



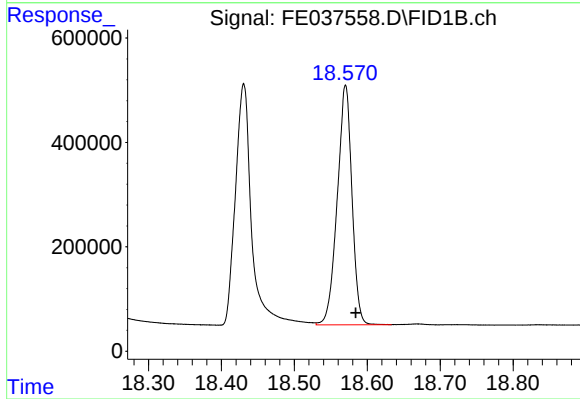
#17 n-Tricontane (C30)

R.T.: 17.745 min
Delta R.T.: -0.012 min
Response: 6348977
Conc: 46.67 ug/ml

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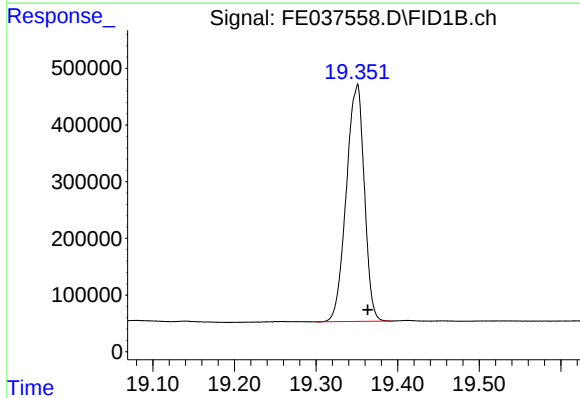
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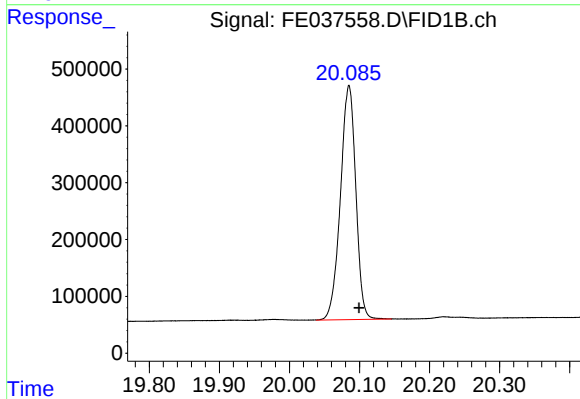
#18 n-Dotriacontane (C32)

R.T.: 18.570 min
Delta R.T.: -0.014 min
Response: 6435710
Conc: 48.20 ug/ml



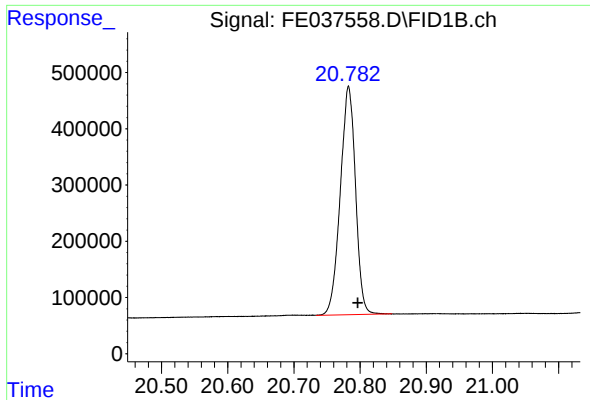
#19 n-Tetratriacontane (C34)

R.T.: 19.351 min
Delta R.T.: -0.013 min
Response: 6411609
Conc: 50.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.085 min
Delta R.T.: -0.015 min
Response: 6297494
Conc: 48.96 ug/ml m



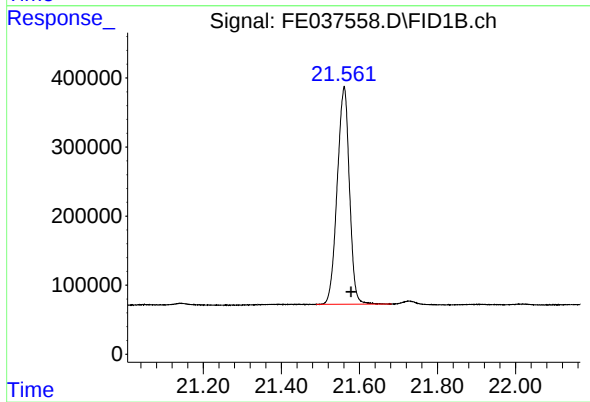
#21 n-Octatriacontane (C38)

R.T.: 20.782 min
Delta R.T.: -0.014 min
Response: 6482054
Conc: 52.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.561 min
Delta R.T.: -0.017 min
Response: 6853579
Conc: 53.16 ug/ml