

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110122AL\
 Data File : FE038488.D
 Signal(s) : FID1B.ch
 Acq On : 01 Nov 2022 14:23
 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 11/02/2022
 Supervised By :Ankita Jodhani 11/02/2022

Integration File: autoint1.e
 Quant Time: Nov 02 07:03:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 Qlast Update : Wed Oct 26 04:49:29 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)	11.969	3200110	18.598 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
12) S 1-chlorooctadecane (S...	13.402	2502439	18.279 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
Target Compounds			
1) T n-Nonane (C9)	3.366	3135962	20.362 ug/ml
2) T n-Decane (C10)	4.614	3164058	20.384 ug/ml
3) T A~Naphthalene (C11.7)	6.317	3359344	19.836 ug/ml
4) T n-Dodecane (C12)	6.776	3160666	20.233 ug/ml
5) T A~2-methylnaphthalene...	7.410	3273294	19.532 ug/ml
6) T n-Tetradecane (C14)	8.601	3119007	19.944 ug/ml
7) T n-Hexadecane (C16)	10.208	3094318	19.586 ug/ml
8) T n-Octadecane (C18)	11.649	3078552	19.219 ug/ml
10) T n-Eicosane (C20)	12.957	3001037	18.625 ug/ml
11) T n-Heneicosane (C21)	13.568	2965474	18.358 ug/ml
13) T n-Docosane (C22)	14.153	2946804	18.253 ug/ml
14) T n-Tetracosane (C24)	15.255	2861922	17.843 ug/ml
15) T n-Hexacosane (C26)	16.274	2812165	17.705 ug/ml
16) T n-Octacosane (C28)	17.223	2793708	17.807 ug/ml
17) T n-Tricontane (C30)	18.108	2904687	18.205 ug/mlm
18) T n-Dotriacontane (C32)	18.939	2960329	18.775 ug/mlm
19) T n-Tetratriacontane (C34)	19.722	2863785	19.425 ug/mlm
20) T n-Hexatriacontane (C36)	20.463	2939781	20.574 ug/ml
21) T n-Octatriacontane (C38)	21.204	3023977	22.389 ug/ml
22) T n-Tetracontane (C40)	22.130	3153652	24.983 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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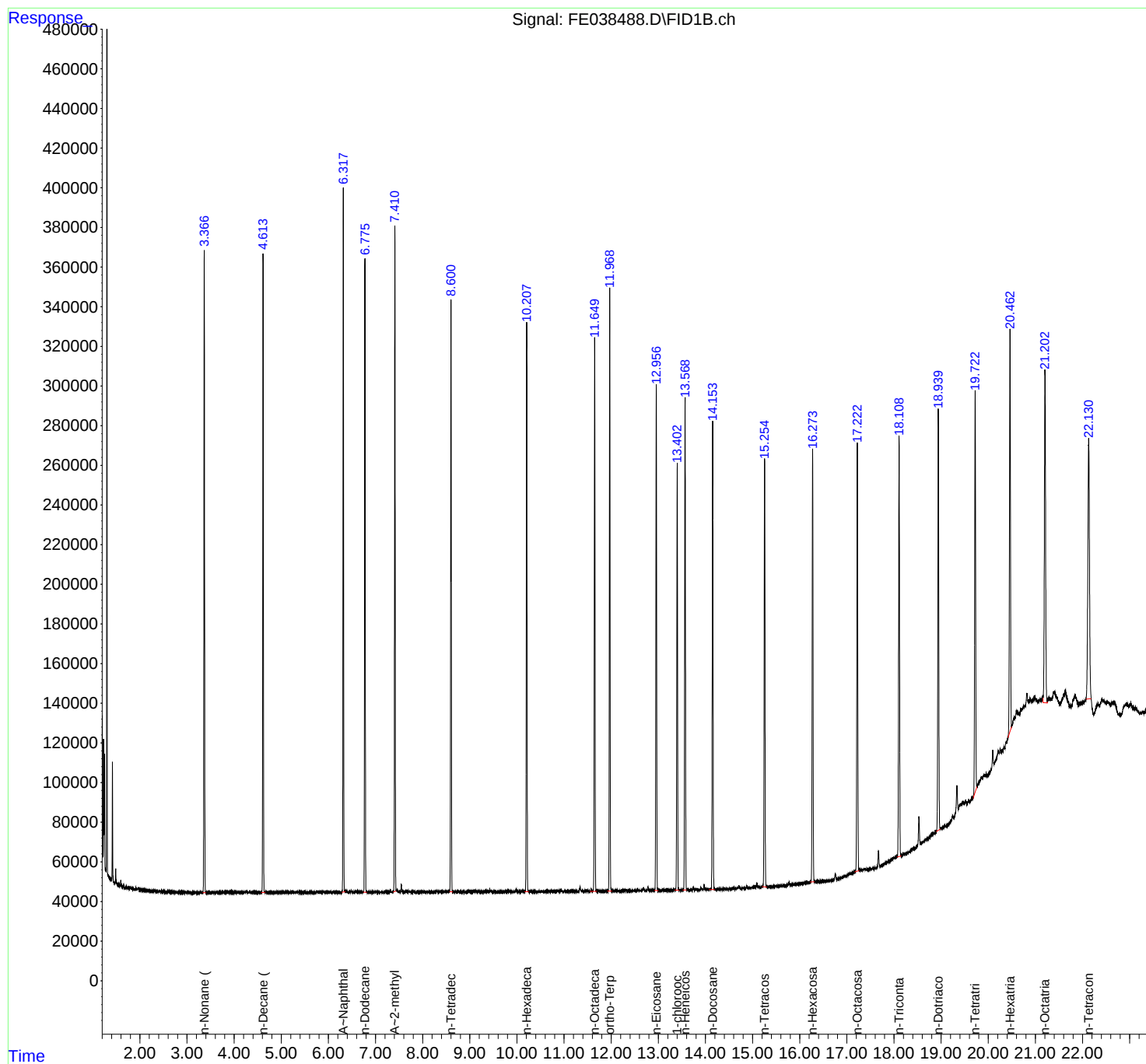
Instrument :
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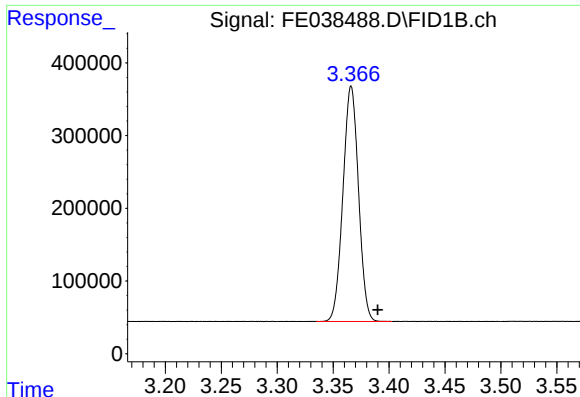
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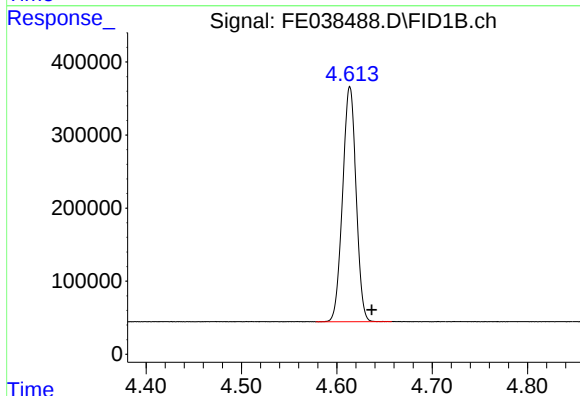
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: -0.024 min
Response: 3135962
Conc: 20.36 ug/ml

Instrument :
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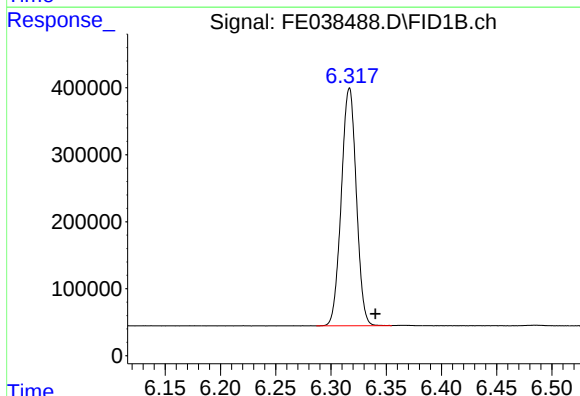
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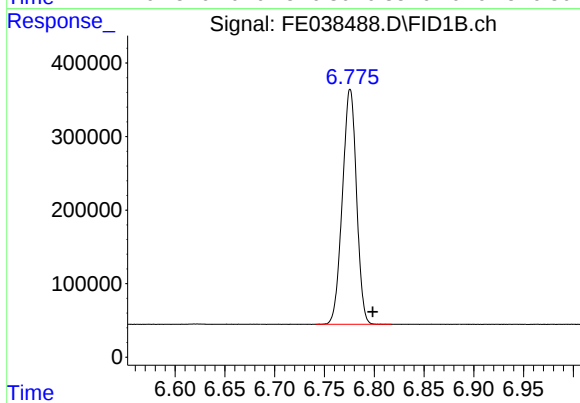
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: -0.023 min
Response: 3164058
Conc: 20.38 ug/ml



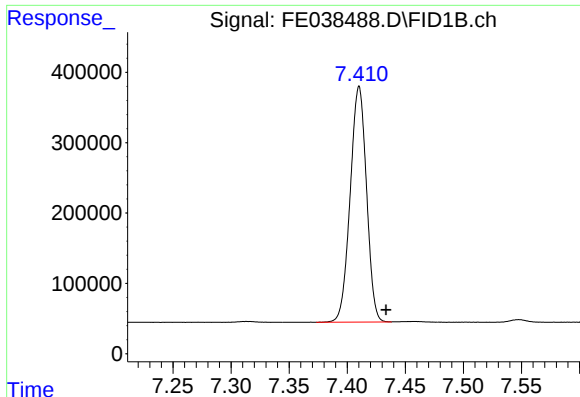
#3 A~Naphthalene (C11.7)

R.T.: 6.317 min
Delta R.T.: -0.023 min
Response: 3359344
Conc: 19.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.776 min
Delta R.T.: -0.022 min
Response: 3160666
Conc: 20.23 ug/ml



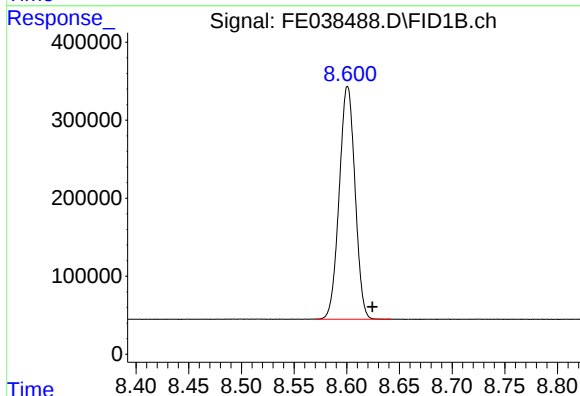
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.410 min
Delta R.T.: -0.023 min
Response: 3273294
Conc: 19.53 ug/ml

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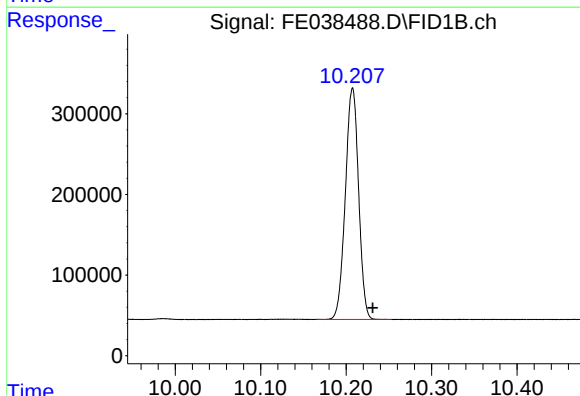
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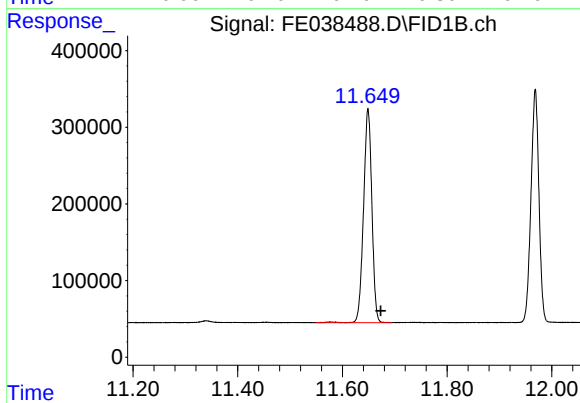
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: -0.024 min
Response: 3119007
Conc: 19.94 ug/ml



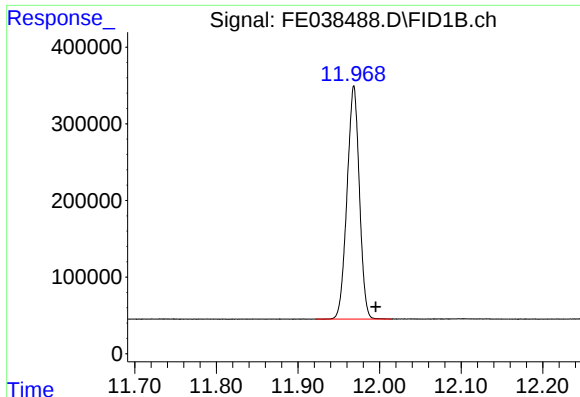
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: -0.024 min
Response: 3094318
Conc: 19.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.649 min
Delta R.T.: -0.024 min
Response: 3078552
Conc: 19.22 ug/ml



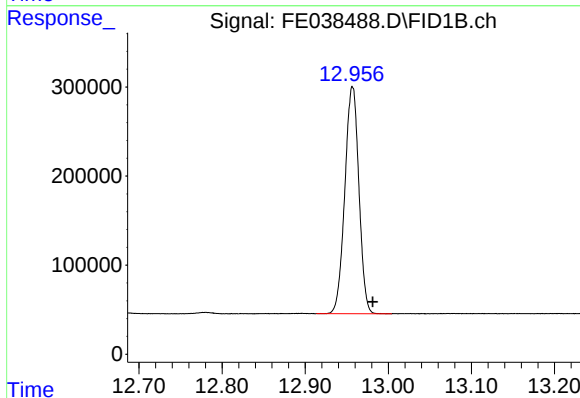
#9 ortho-Terphenyl (SURR)

R.T.: 11.969 min
Delta R.T.: -0.027 min
Response: 3200110
Conc: 18.60 ug/ml

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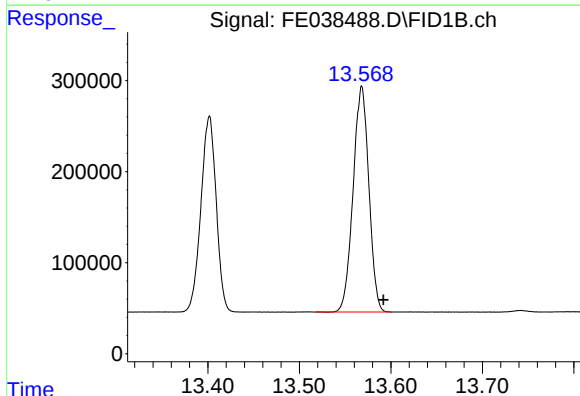
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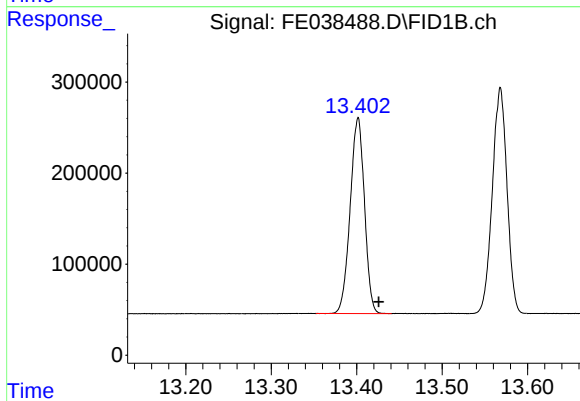
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: -0.024 min
Response: 3001037
Conc: 18.63 ug/ml



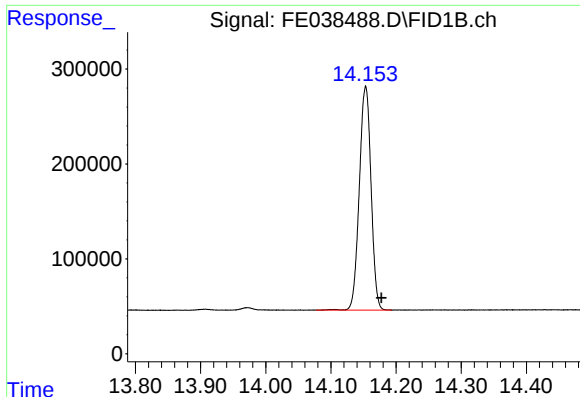
#11 n-Heneicosane (C21)

R.T.: 13.568 min
Delta R.T.: -0.024 min
Response: 2965474
Conc: 18.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.402 min
Delta R.T.: -0.024 min
Response: 2502439
Conc: 18.28 ug/ml



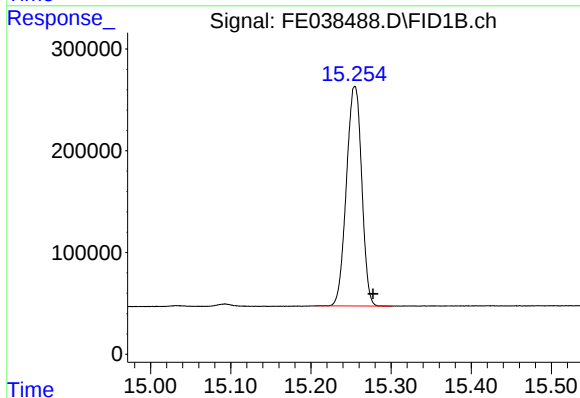
#13 n-Docosane (C22)

R.T.: 14.153 min
Delta R.T.: -0.024 min
Response: 2946804
Conc: 18.25 ug/ml

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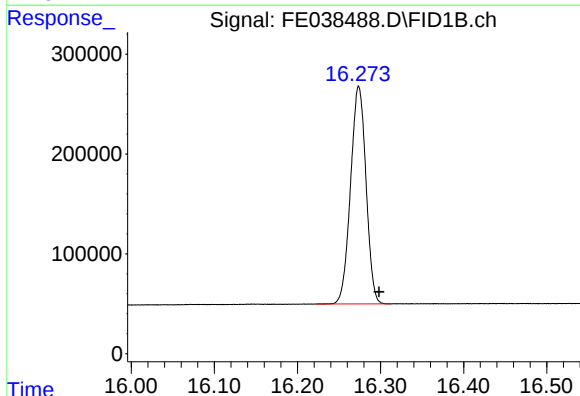
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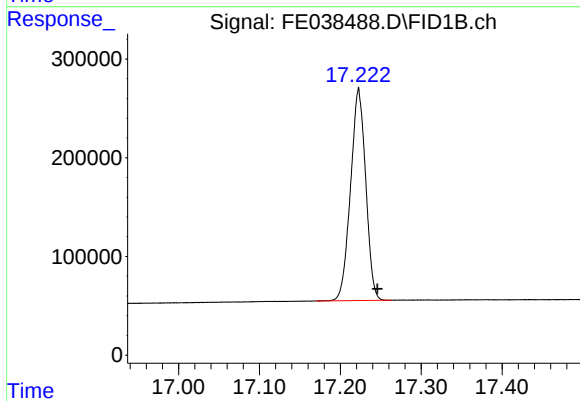
#14 n-Tetracosane (C24)

R.T.: 15.255 min
Delta R.T.: -0.023 min
Response: 2861922
Conc: 17.84 ug/ml



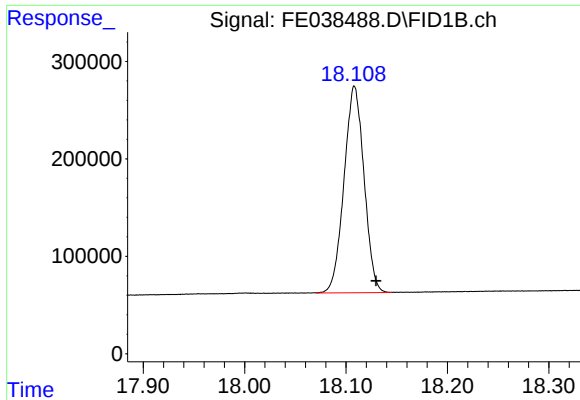
#15 n-Hexacosane (C26)

R.T.: 16.274 min
Delta R.T.: -0.024 min
Response: 2812165
Conc: 17.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.223 min
Delta R.T.: -0.023 min
Response: 2793708
Conc: 17.81 ug/ml



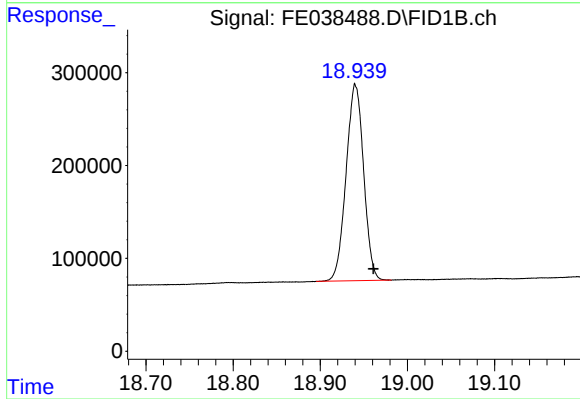
#17 n-Tricontane (C30)

R.T.: 18.108 min
Delta R.T.: -0.022 min
Response: 2904687
Conc: 18.20 ug/ml

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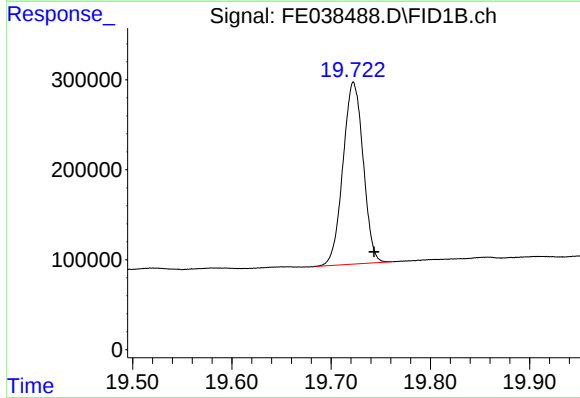
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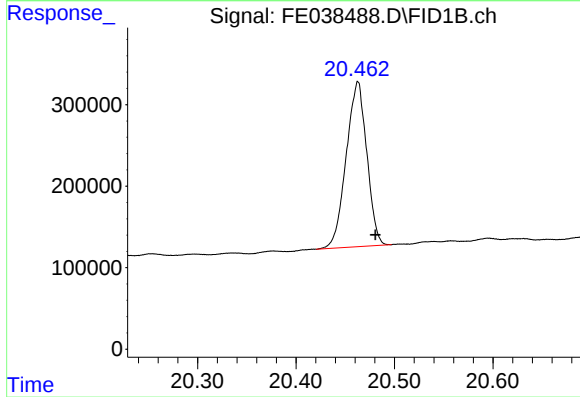
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: -0.022 min
Response: 2960329
Conc: 18.78 ug/ml m



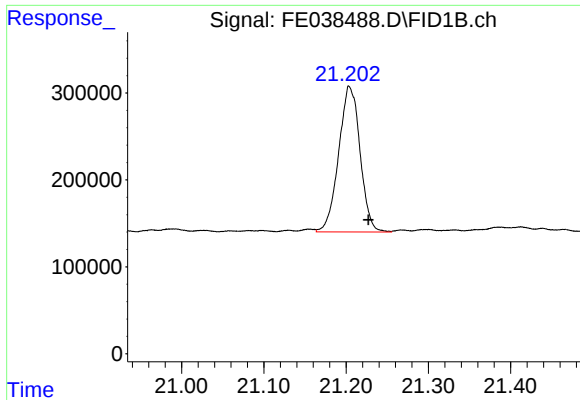
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: -0.021 min
Response: 2863785
Conc: 19.43 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: -0.018 min
Response: 2939781
Conc: 20.57 ug/ml



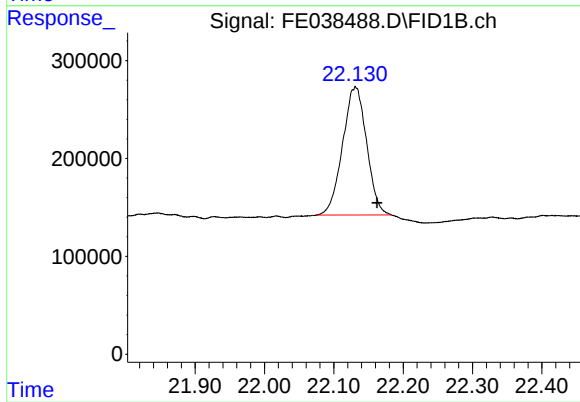
#21 n-Octatriacontane (C38)

R.T.: 21.204 min
Delta R.T.: -0.023 min
Response: 3023977
Conc: 22.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.130 min
Delta R.T.: -0.032 min
Response: 3153652
Conc: 24.98 ug/ml m