

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110122AL\
 Data File : FE038496.D
 Signal(s) : FID1B.ch
 Acq On : 01 Nov 2022 19:51
 Operator : YP\AJ
 Sample : N5380-07MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-CMS

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 07:04:15 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)	11.970	5264362	30.594 ug/ml
Spiked Amount 50.000		Recovery =	61.19%
12) S 1-chlorooctadecane (S...	13.402	4100684	29.954 ug/ml
Spiked Amount 50.000		Recovery =	59.91%
Target Compounds			
1) T n-Nonane (C9)	3.369	5167660	33.554 ug/ml
2) T n-Decane (C10)	4.617	5799206	37.361 ug/mlm
3) T A~Naphthalene (C11.7)	6.318	6608102	39.020 ug/ml
4) T n-Dodecane (C12)	6.777	6532362	41.816 ug/ml
5) T A~2-methylnaphthalene...	7.412	6693193	39.939 ug/ml
6) T n-Tetradecane (C14)	8.605	6749039	43.156 ug/ml
7) T n-Hexadecane (C16)	10.210	6879544	43.544 ug/ml
8) T n-Octadecane (C18)	11.652	6954149	43.415 ug/ml
10) T n-Eicosane (C20)	12.959	6714058	41.669 ug/ml
11) T n-Heneicosane (C21)	13.569	6642318	41.120 ug/ml
13) T n-Docosane (C22)	14.156	6536559	40.489 ug/ml
14) T n-Tetracosane (C24)	15.246	12527130	78.100 ug/ml
15) T n-Hexacosane (C26)	16.277	6281343	39.546 ug/ml
16) T n-Octacosane (C28)	17.224	6229013	39.703 ug/ml
17) T n-Tricontane (C30)	18.112	6017753	37.715 ug/ml
18) T n-Dotriacontane (C32)	18.943	6101079	38.695 ug/ml
19) T n-Tetratriacontane (C34)	19.725	6062583	41.123 ug/mlm
20) T n-Hexatriacontane (C36)	20.465	5918597	41.422 ug/ml
21) T n-Octatriacontane (C38)	21.208	6020380	44.574 ug/ml
22) T n-Tetracontane (C40)	22.133	6332738	50.168 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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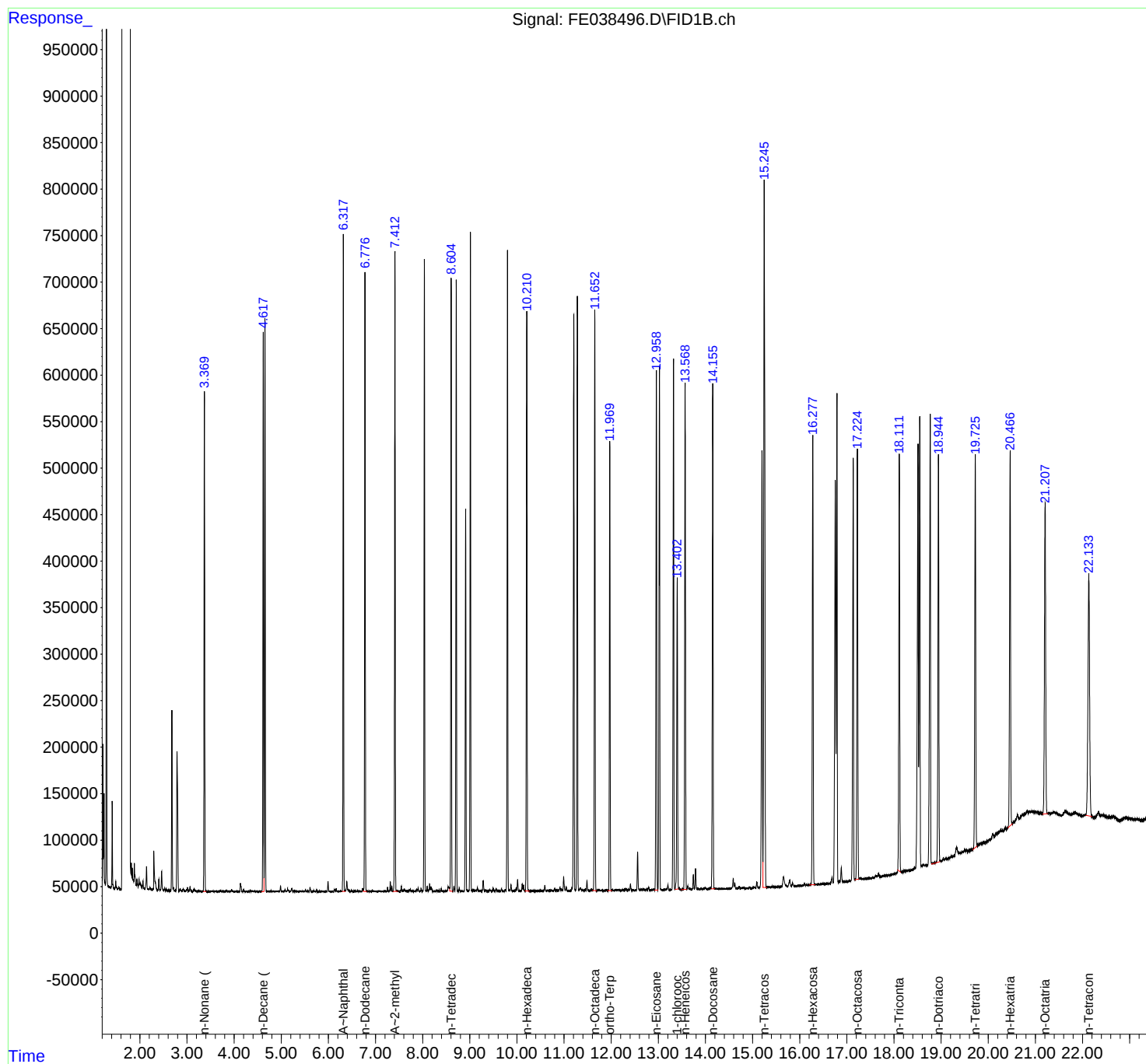
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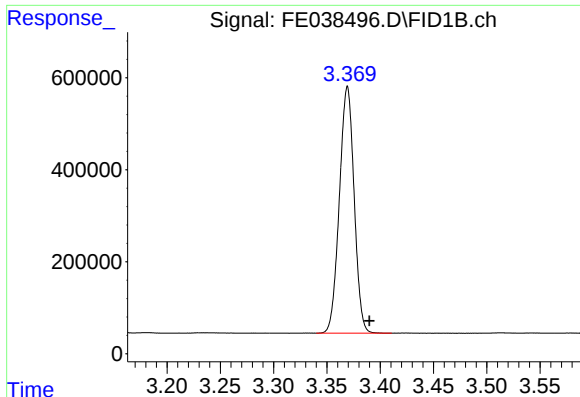
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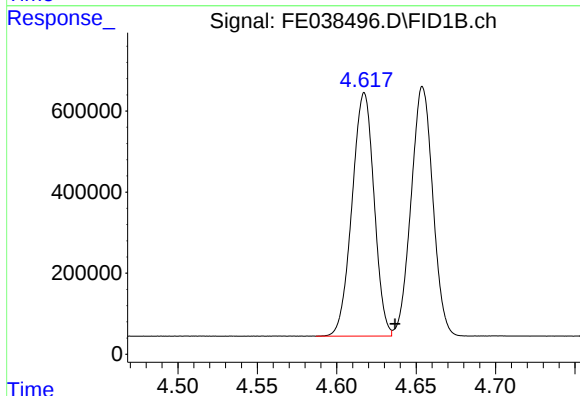
#1 n-Nonane (C9)

R.T.: 3.369 min
Delta R.T.: -0.021 min
Response: 5167660
Conc: 33.55 ug/ml

Instrument :
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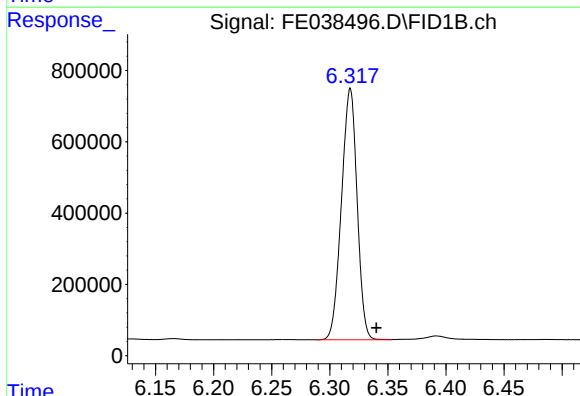
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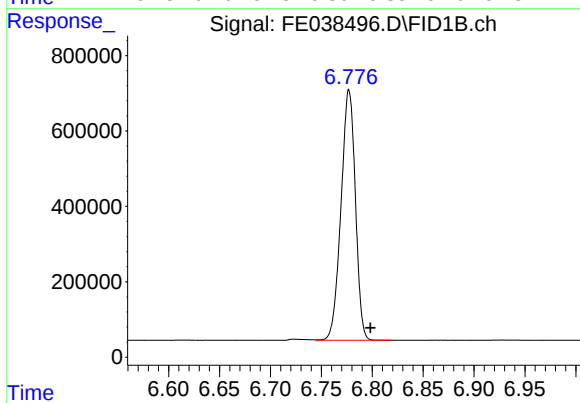
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: -0.020 min
Response: 5799206
Conc: 37.36 ug/ml m



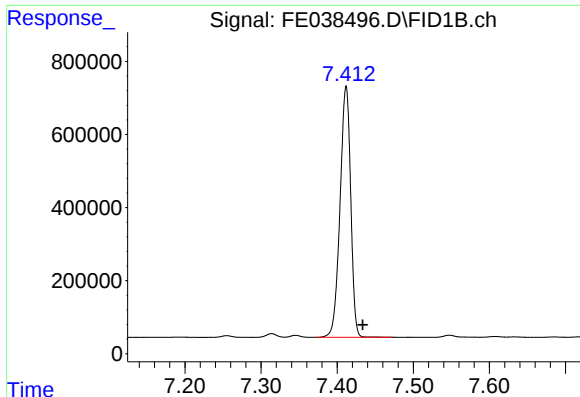
#3 A~Naphthalene (C11.7)

R.T.: 6.318 min
Delta R.T.: -0.022 min
Response: 6608102
Conc: 39.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.777 min
Delta R.T.: -0.021 min
Response: 6532362
Conc: 41.82 ug/ml



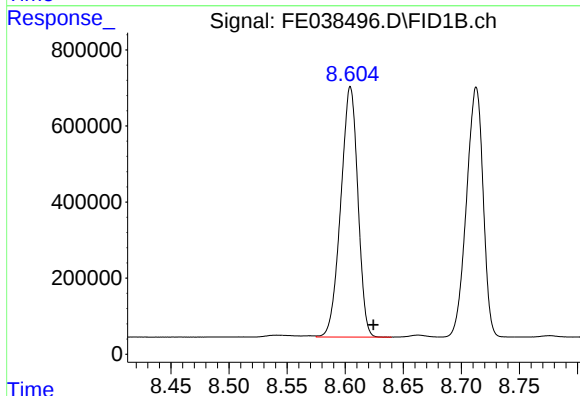
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.412 min
Delta R.T.: -0.022 min
Response: 6693193
Conc: 39.94 ug/ml

Instrument :
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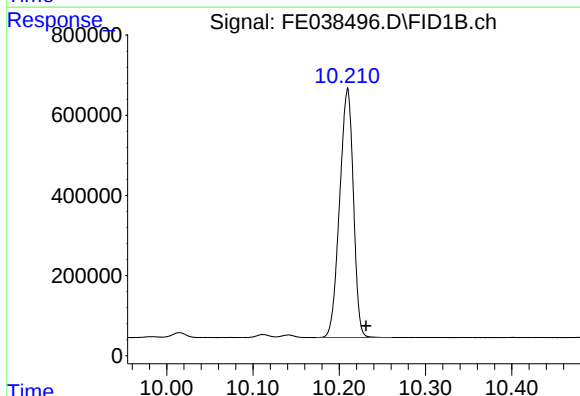
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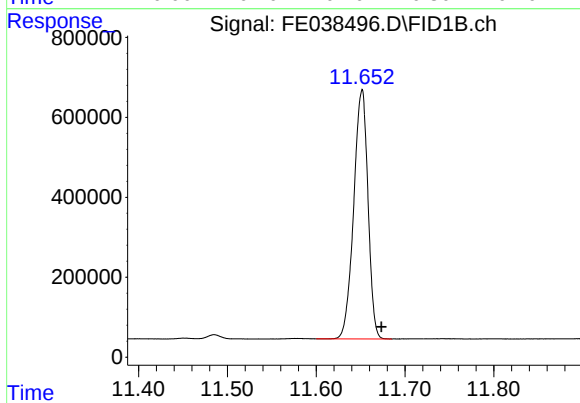
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: -0.020 min
Response: 6749039
Conc: 43.16 ug/ml



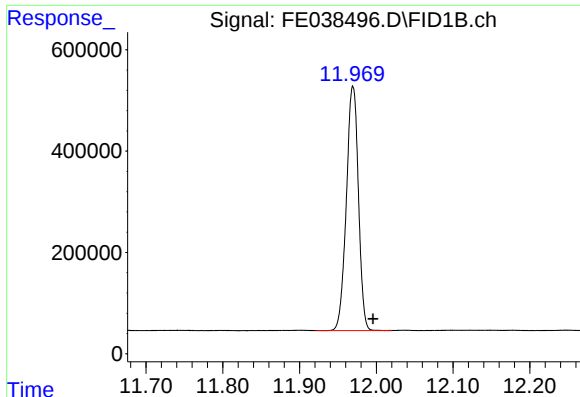
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: -0.021 min
Response: 6879544
Conc: 43.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.652 min
Delta R.T.: -0.022 min
Response: 6954149
Conc: 43.41 ug/ml



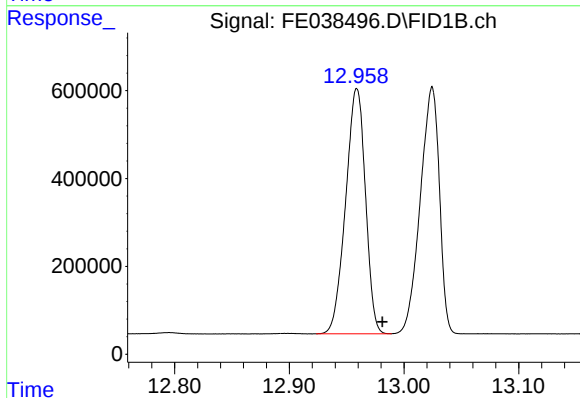
#9 ortho-Terphenyl (SURR)

R.T.: 11.970 min
Delta R.T.: -0.026 min
Response: 5264362
Conc: 30.59 ug/ml

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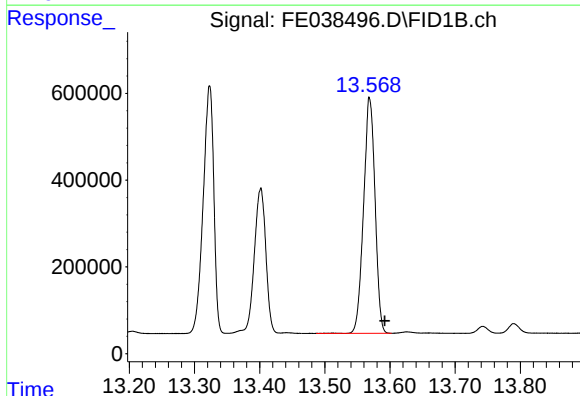
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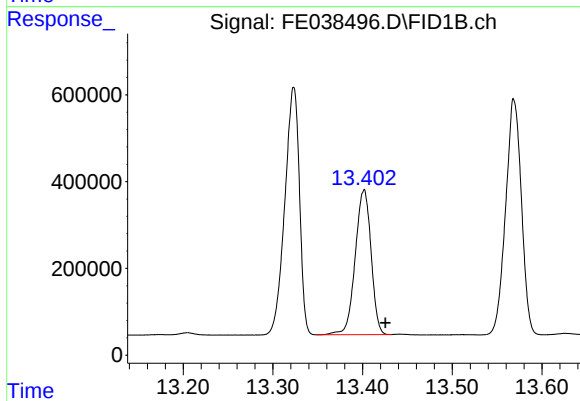
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: -0.022 min
Response: 6714058
Conc: 41.67 ug/ml



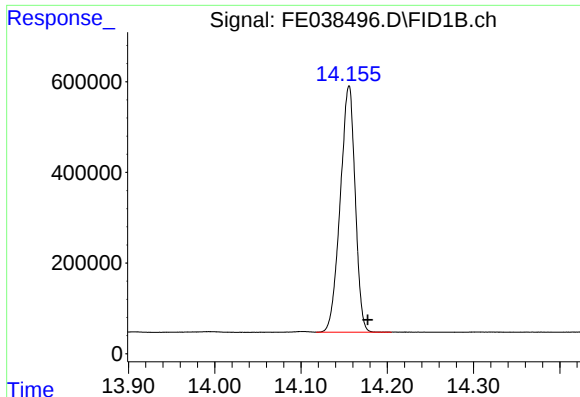
#11 n-Heneicosane (C21)

R.T.: 13.569 min
Delta R.T.: -0.023 min
Response: 6642318
Conc: 41.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.402 min
Delta R.T.: -0.024 min
Response: 4100684
Conc: 29.95 ug/ml



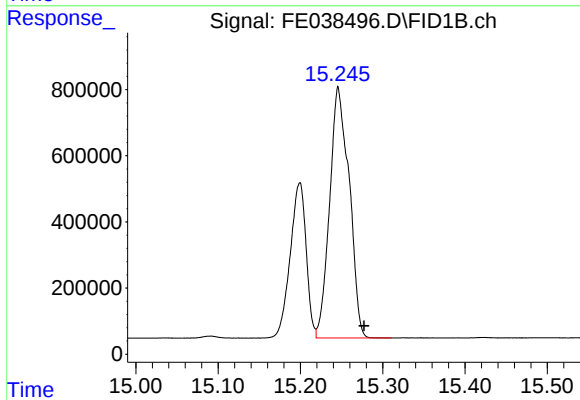
#13 n-Docosane (C22)

R.T.: 14.156 min
Delta R.T.: -0.022 min
Response: 6536559
Conc: 40.49 ug/ml

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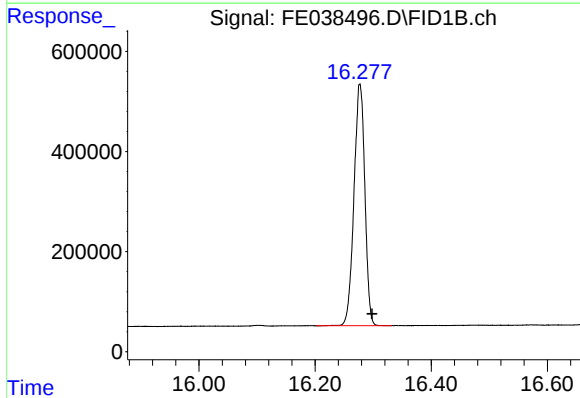
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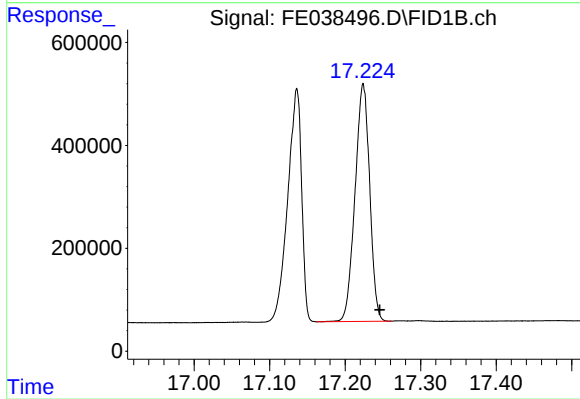
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.031 min
Response: 12527130
Conc: 78.10 ug/ml



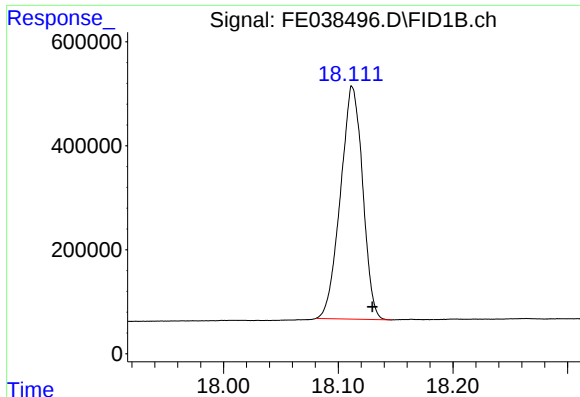
#15 n-Hexacosane (C26)

R.T.: 16.277 min
Delta R.T.: -0.021 min
Response: 6281343
Conc: 39.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.224 min
Delta R.T.: -0.022 min
Response: 6229013
Conc: 39.70 ug/ml



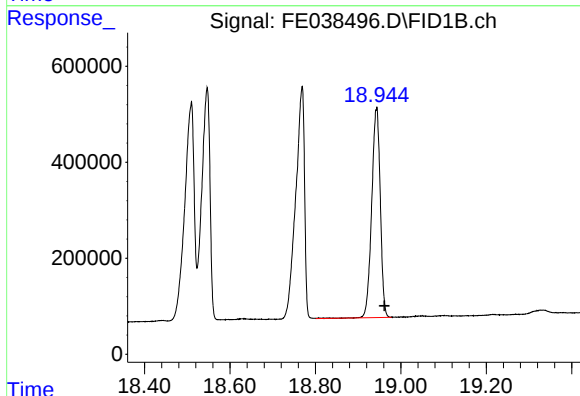
#17 n-Tricontane (C30)

R.T.: 18.112 min
Delta R.T.: -0.017 min
Response: 6017753
Conc: 37.72 ug/ml

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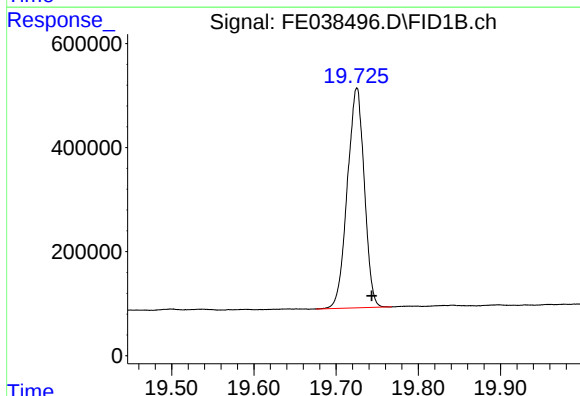
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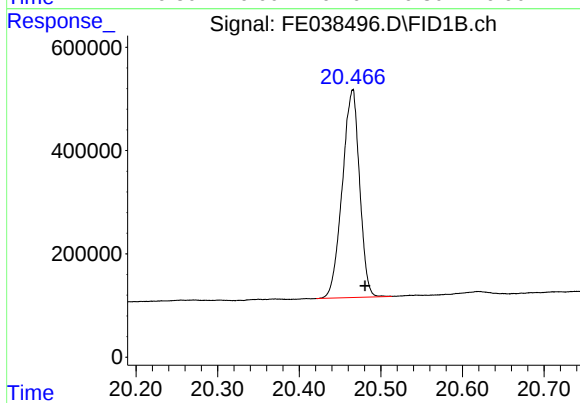
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: -0.018 min
Response: 6101079
Conc: 38.70 ug/ml



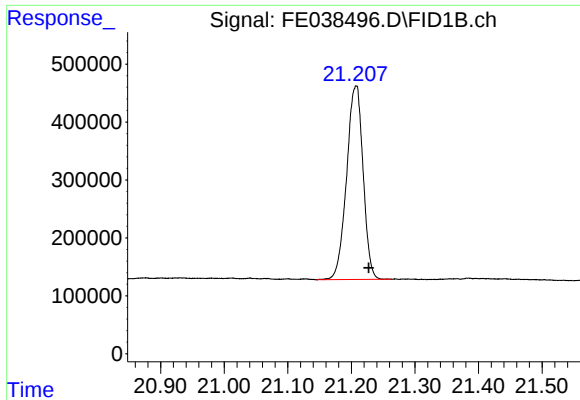
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: -0.019 min
Response: 6062583
Conc: 41.12 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.465 min
Delta R.T.: -0.015 min
Response: 5918597
Conc: 41.42 ug/ml



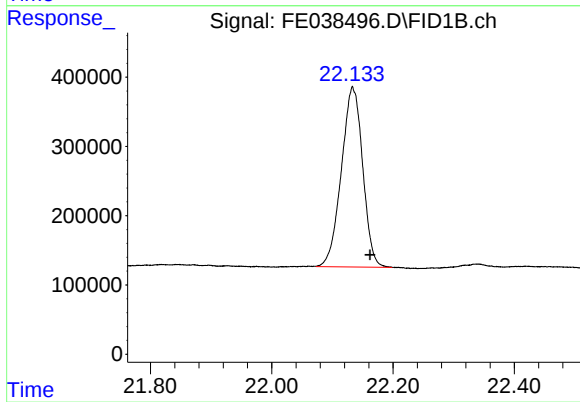
#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: -0.019 min
Response: 6020380
Conc: 44.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.133 min
Delta R.T.: -0.029 min
Response: 6332738
Conc: 50.17 ug/ml m