

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110122AL\
 Data File : FE038480.D
 Signal(s) : FID1B.ch
 Acq On : 01 Nov 2022 09:10
 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 07:08:04 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)	11.971	3207986	18.643 ug/ml
Spiked Amount 50.000		Recovery =	37.29%
12) S 1-chlorooctadecane (S...	13.402	2510104	18.335 ug/ml
Spiked Amount 50.000		Recovery =	36.67%
Target Compounds			
1) T n-Nonane (C9)	3.368	3140119	20.389 ug/ml
2) T n-Decane (C10)	4.615	3166092	20.397 ug/ml
3) T A~Naphthalene (C11.7)	6.318	3360662	19.844 ug/ml
4) T n-Dodecane (C12)	6.777	3167005	20.273 ug/ml
5) T A~2-methylnaphthalene...	7.412	3279428	19.569 ug/ml
6) T n-Tetradecane (C14)	8.603	3121780	19.962 ug/ml
7) T n-Hexadecane (C16)	10.208	3095524	19.593 ug/ml
8) T n-Octadecane (C18)	11.650	3070654	19.170 ug/ml
10) T n-Eicosane (C20)	12.959	3010293	18.683 ug/ml
11) T n-Heneicosane (C21)	13.570	2978814	18.441 ug/ml
13) T n-Docosane (C22)	14.156	2947859	18.260 ug/ml
14) T n-Tetracosane (C24)	15.257	2869435	17.889 ug/ml
15) T n-Hexacosane (C26)	16.277	2817230	17.737 ug/ml
16) T n-Octacosane (C28)	17.225	2797099	17.828 ug/ml
17) T n-Tricontane (C30)	18.112	2869717	17.985 ug/ml
18) T n-Dotriacontane (C32)	18.944	2951209	18.718 ug/mlm
19) T n-Tetratriacontane (C34)	19.726	2862523	19.417 ug/mlm
20) T n-Hexatriacontane (C36)	20.464	2940032	20.576 ug/ml
21) T n-Octatriacontane (C38)	21.208	2888877	21.389 ug/ml
22) T n-Tetracontane (C40)	22.138	3153828	24.985 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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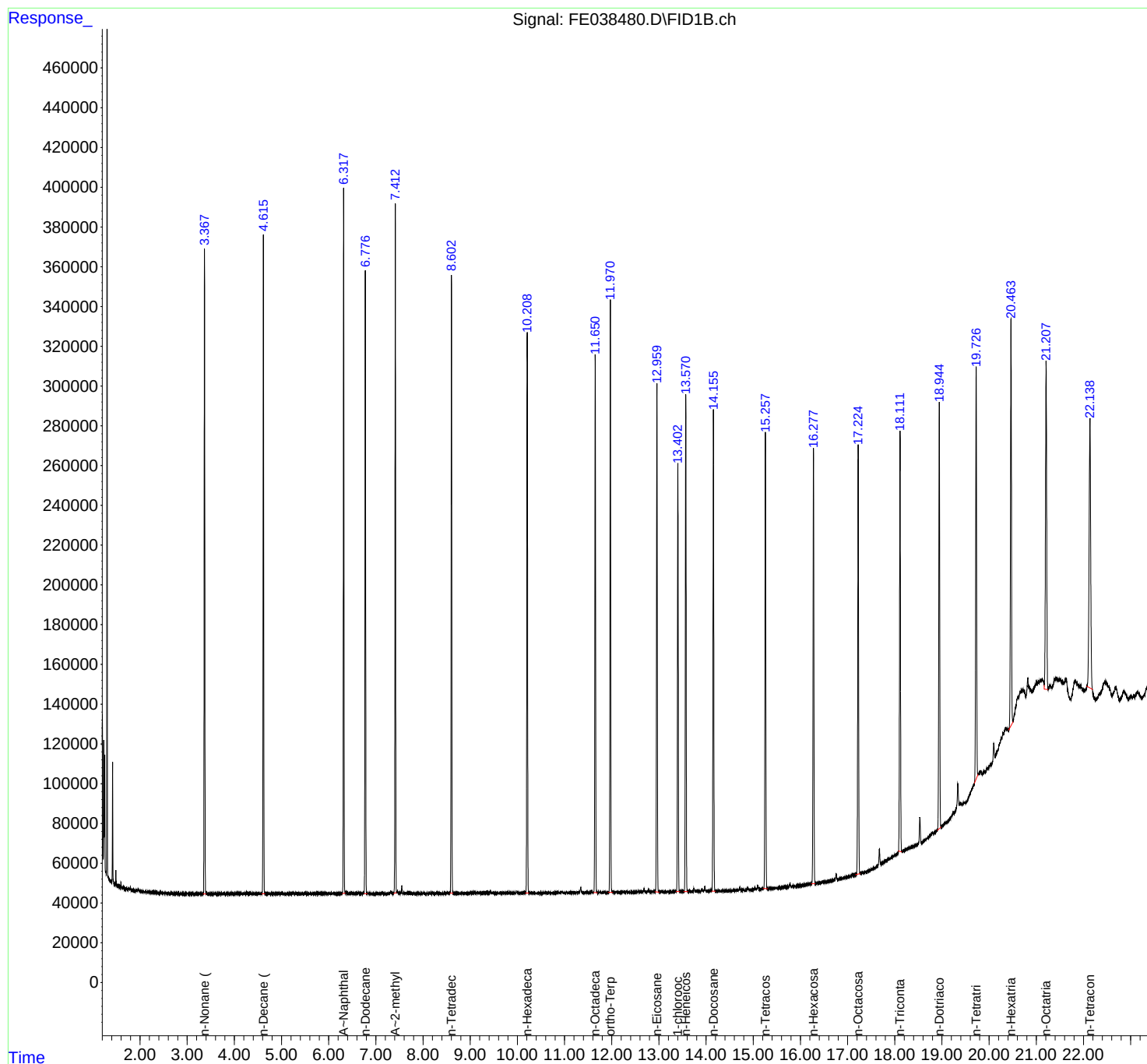
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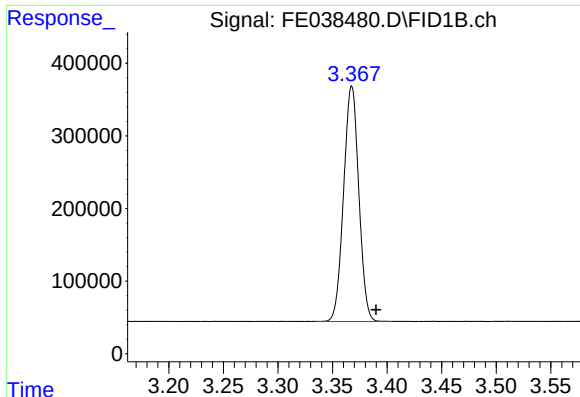
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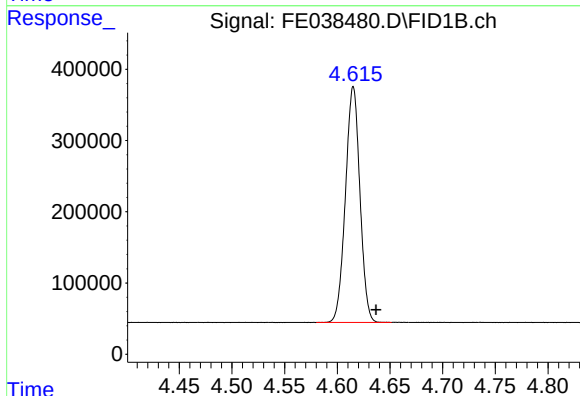
#1 n-Nonane (C9)

R.T.: 3.368 min
Delta R.T.: -0.022 min
Response: 3140119
Conc: 20.39 ug/ml

Instrument :
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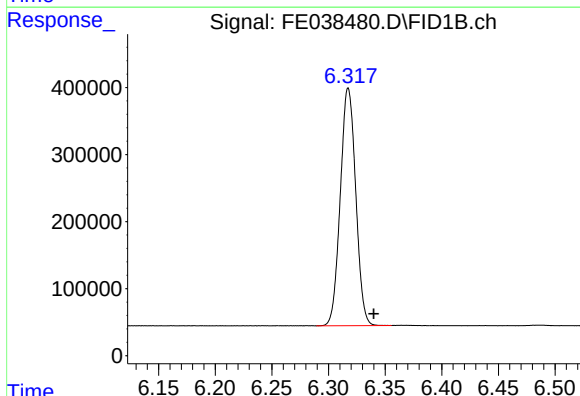
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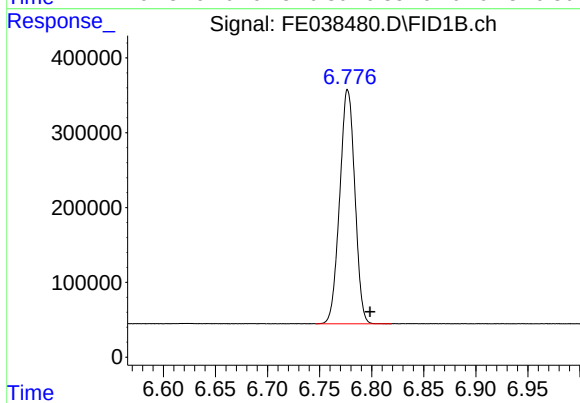
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: -0.022 min
Response: 3166092
Conc: 20.40 ug/ml



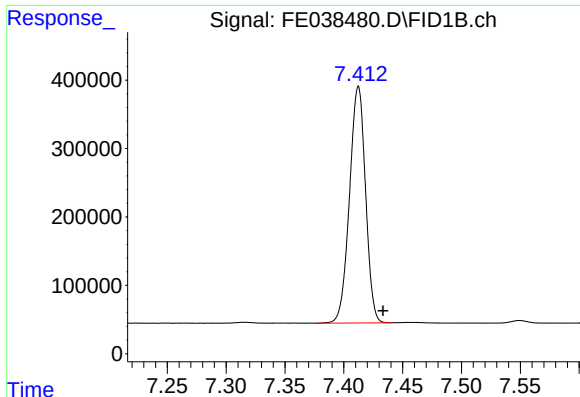
#3 A~Naphthalene (C11.7)

R.T.: 6.318 min
Delta R.T.: -0.023 min
Response: 3360662
Conc: 19.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.777 min
Delta R.T.: -0.021 min
Response: 3167005
Conc: 20.27 ug/ml



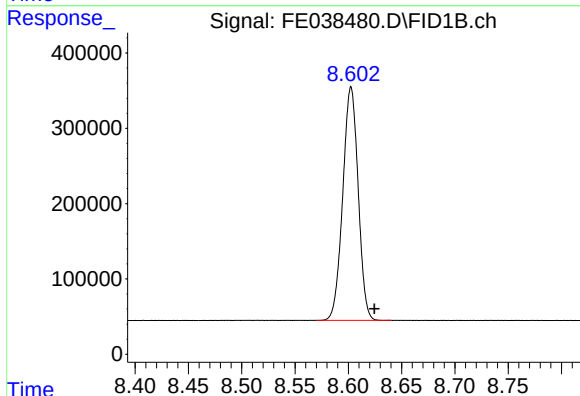
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.412 min
Delta R.T.: -0.021 min
Response: 3279428
Conc: 19.57 ug/ml

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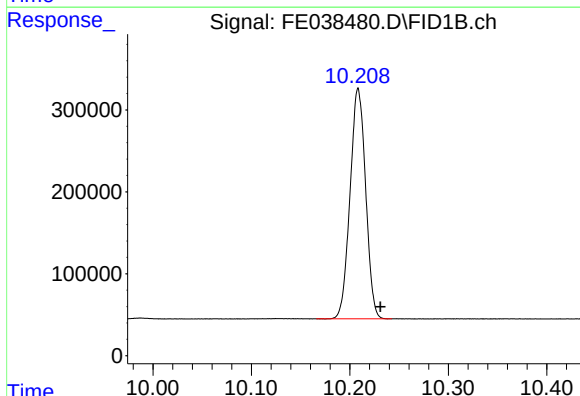
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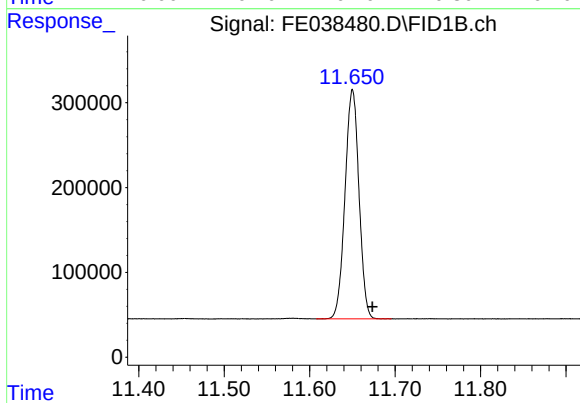
#6 n-Tetradecane (C14)

R.T.: 8.603 min
Delta R.T.: -0.022 min
Response: 3121780
Conc: 19.96 ug/ml



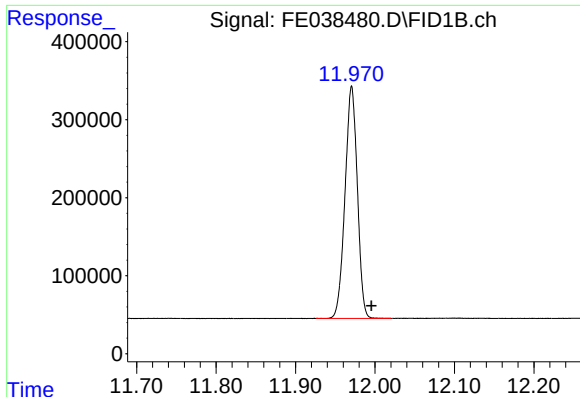
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: -0.023 min
Response: 3095524
Conc: 19.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.650 min
Delta R.T.: -0.023 min
Response: 3070654
Conc: 19.17 ug/ml



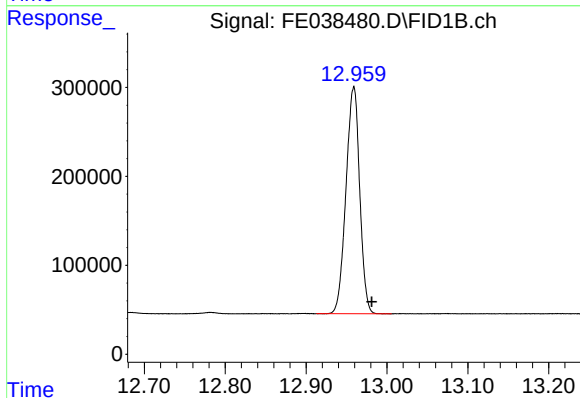
#9 ortho-Terphenyl (SURR)

R.T.: 11.971 min
Delta R.T.: -0.025 min
Response: 3207986
Conc: 18.64 ug/ml

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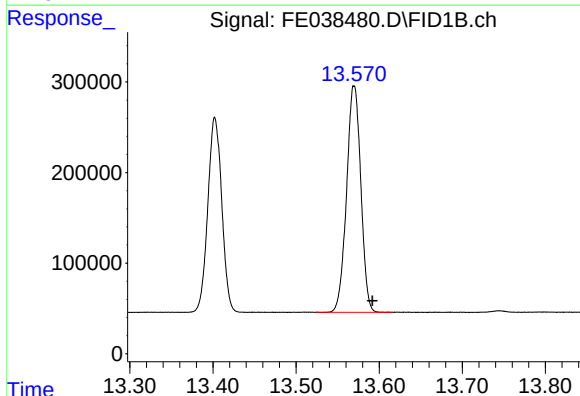
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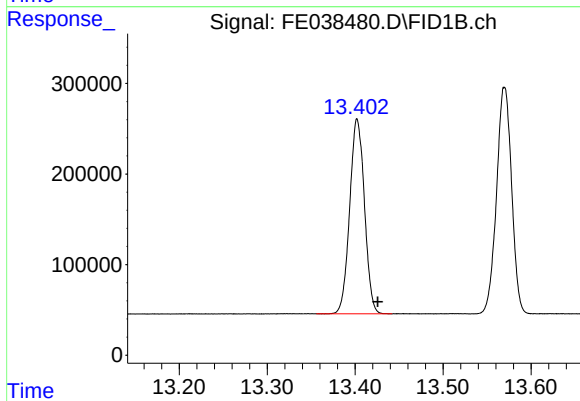
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: -0.022 min
Response: 3010293
Conc: 18.68 ug/ml



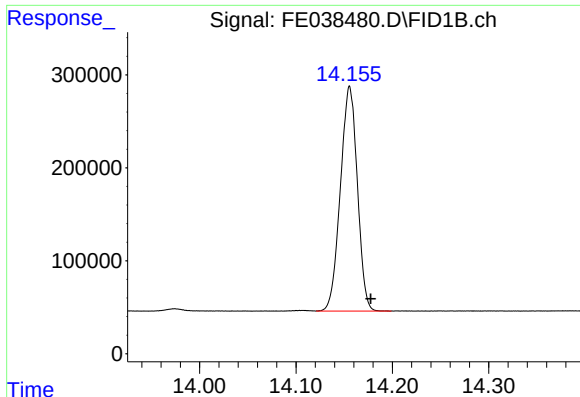
#11 n-Heneicosane (C21)

R.T.: 13.570 min
Delta R.T.: -0.022 min
Response: 2978814
Conc: 18.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.402 min
Delta R.T.: -0.023 min
Response: 2510104
Conc: 18.34 ug/ml



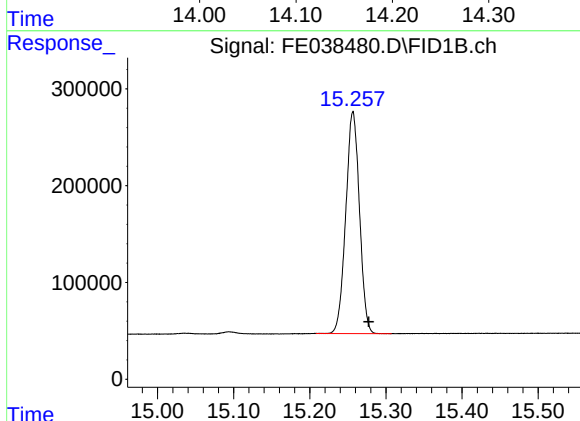
#13 n-Docosane (C22)

R.T.: 14.156 min
Delta R.T.: -0.022 min
Response: 2947859
Conc: 18.26 ug/ml

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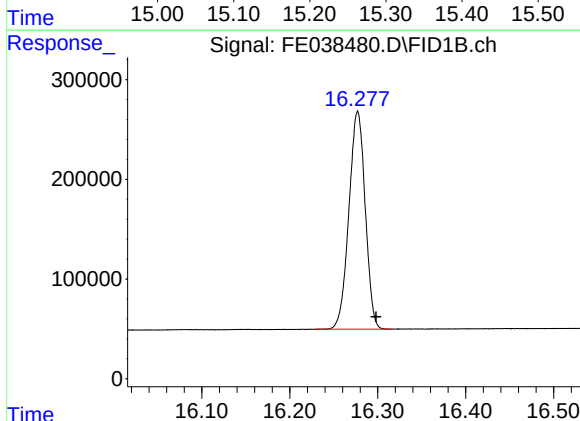
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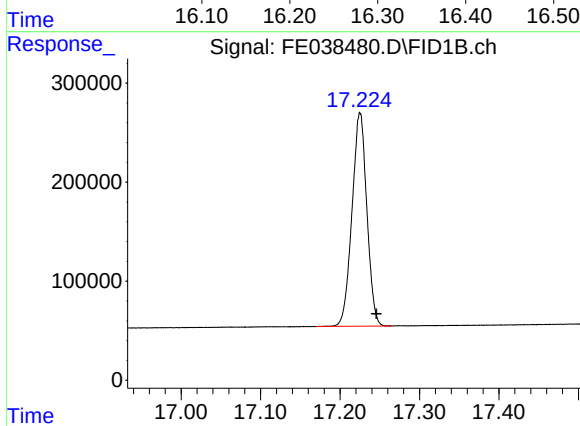
#14 n-Tetracosane (C24)

R.T.: 15.257 min
Delta R.T.: -0.021 min
Response: 2869435
Conc: 17.89 ug/ml



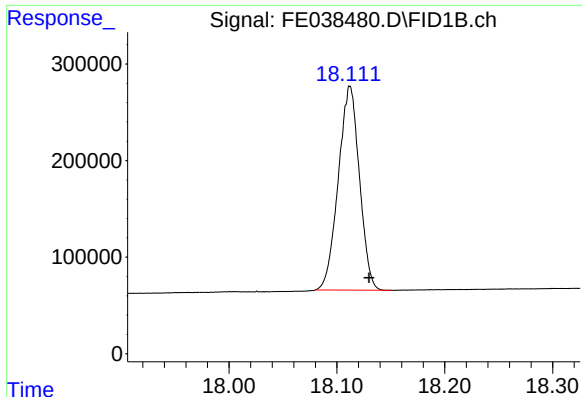
#15 n-Hexacosane (C26)

R.T.: 16.277 min
Delta R.T.: -0.021 min
Response: 2817230
Conc: 17.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.225 min
Delta R.T.: -0.021 min
Response: 2797099
Conc: 17.83 ug/ml



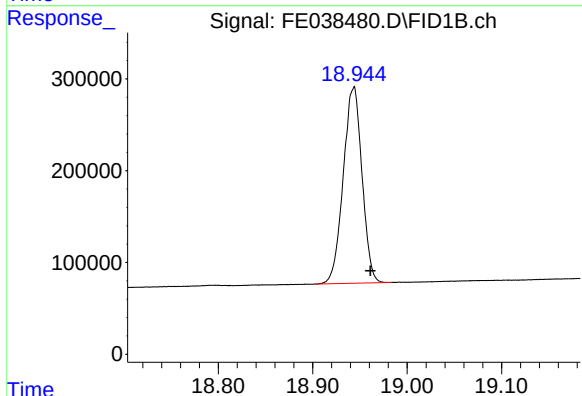
#17 n-Tricontane (C30)

R.T.: 18.112 min
Delta R.T.: -0.017 min
Response: 2869717
Conc: 17.99 ug/ml

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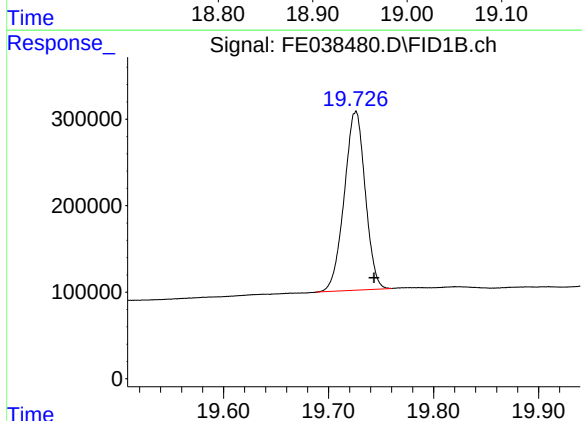
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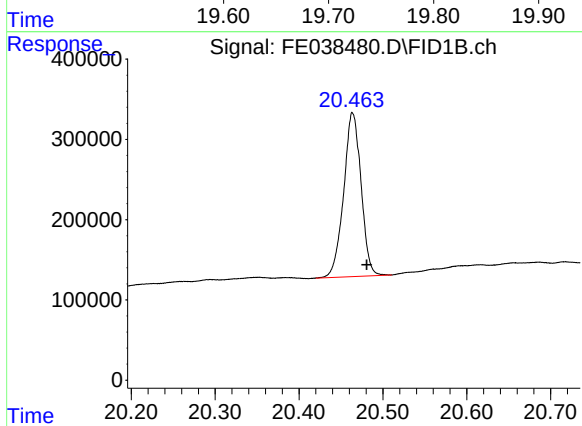
#18 n-Dotriacontane (C32)

R.T.: 18.944 min
Delta R.T.: -0.017 min
Response: 2951209
Conc: 18.72 ug/ml m



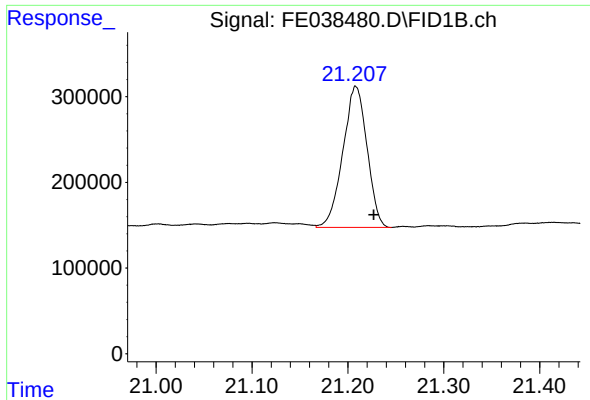
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: -0.018 min
Response: 2862523
Conc: 19.42 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.464 min
Delta R.T.: -0.017 min
Response: 2940032
Conc: 20.58 ug/ml



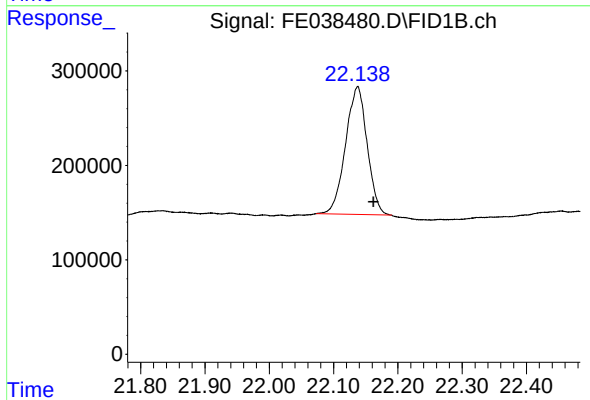
#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: -0.019 min
Response: 2888877
Conc: 21.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.138 min
Delta R.T.: -0.024 min
Response: 3153828
Conc: 24.98 ug/ml m