

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111722AL\
 Data File : FE038810.D
 Signal(s) : FID1B.ch
 Acq On : 17 Nov 2022 15:39
 Operator : YP\AJ
 Sample : PB149125BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149125BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2022
 Supervised By :Ankita Jodhani 11/18/2022

Integration File: autoint1.e
 Quant Time: Nov 18 04:39:24 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)	11.962	6739235	39.165 ug/ml
Spiked Amount 50.000		Recovery =	78.33%
12) S 1-chlorooctadecane (S...	13.395	5147383	37.599 ug/ml
Spiked Amount 50.000		Recovery =	75.20%
Target Compounds			
1) T n-Nonane (C9)	3.360	4998351	32.454 ug/ml
2) T n-Decane (C10)	4.607	5172772	33.325 ug/mlm
3) T A~Naphthalene (C11.7)	6.307	5755783	33.987 ug/ml
4) T n-Dodecane (C12)	6.766	5379878	34.439 ug/ml
5) T A~2-methylnaphthalene...	7.401	5635162	33.626 ug/ml
6) T n-Tetradecane (C14)	8.593	5572411	35.632 ug/ml
7) T n-Hexadecane (C16)	10.200	6239324	39.492 ug/ml
8) T n-Octadecane (C18)	11.643	6686688	41.745 ug/ml
10) T n-Eicosane (C20)	12.951	6486973	40.260 ug/ml
11) T n-Heneicosane (C21)	13.563	6385469	39.530 ug/ml
13) T n-Docosane (C22)	14.149	6353236	39.353 ug/ml
14) T n-Tetracosane (C24)	15.243	12231653	76.258 ug/ml
15) T n-Hexacosane (C26)	16.273	6103655	38.427 ug/ml
16) T n-Octacosane (C28)	17.220	6087055	38.798 ug/ml
17) T n-Tricontane (C30)	18.107	5934260	37.192 ug/mlm
18) T n-Dotriacontane (C32)	18.940	6054611	38.401 ug/ml
19) T n-Tetratriacontane (C34)	19.725	6137777	41.633 ug/mlm
20) T n-Hexatriacontane (C36)	20.465	6023399	42.156 ug/ml
21) T n-Octatriacontane (C38)	21.208	6137112	45.439 ug/ml
22) T n-Tetracontane (C40)	22.135	6149433	48.716 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 8 Sample Multiplier: 1

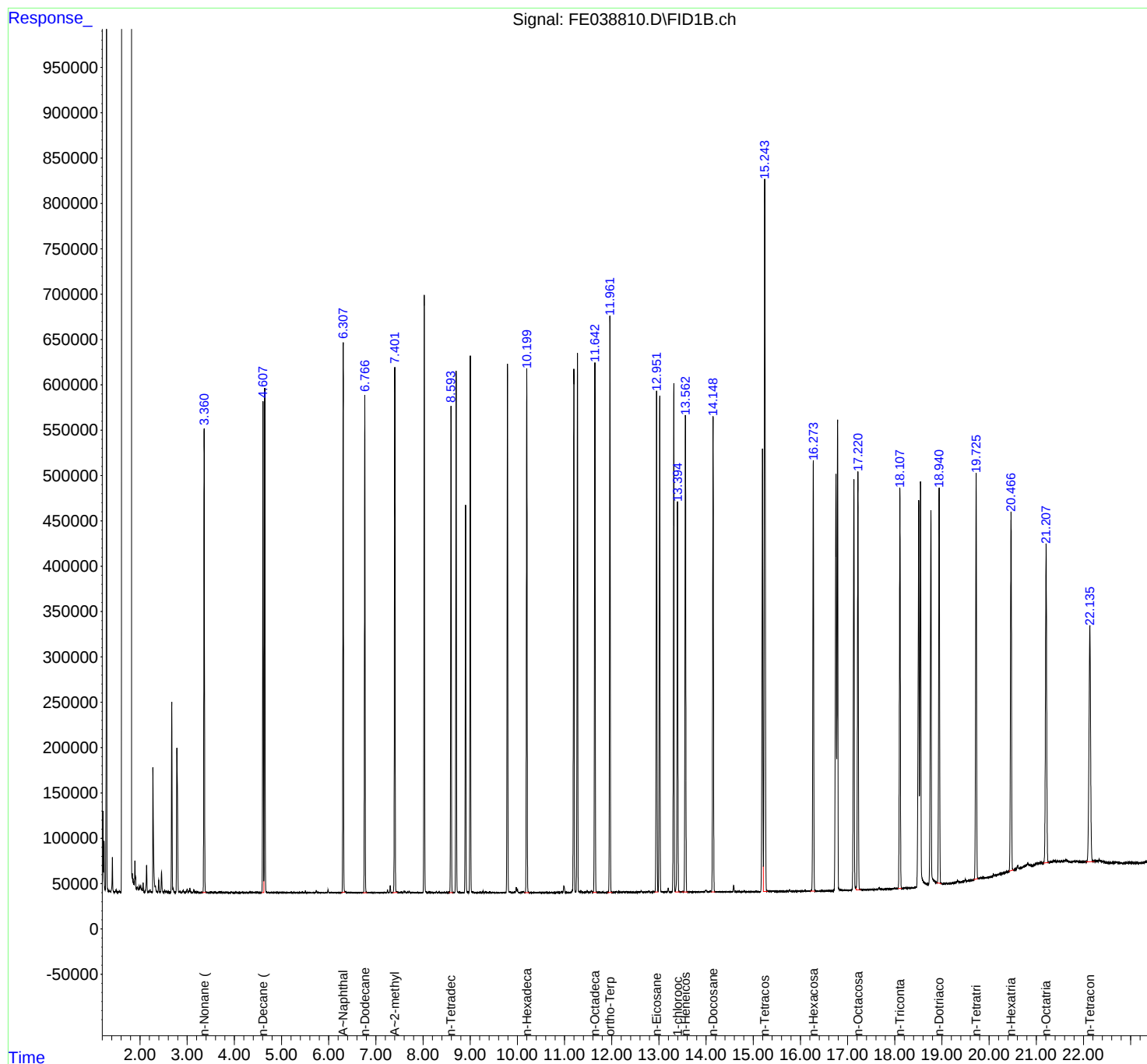
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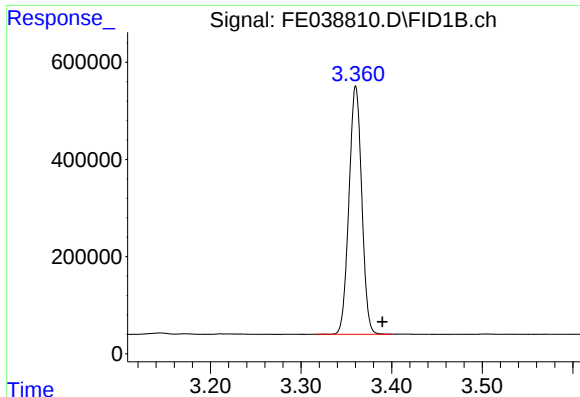
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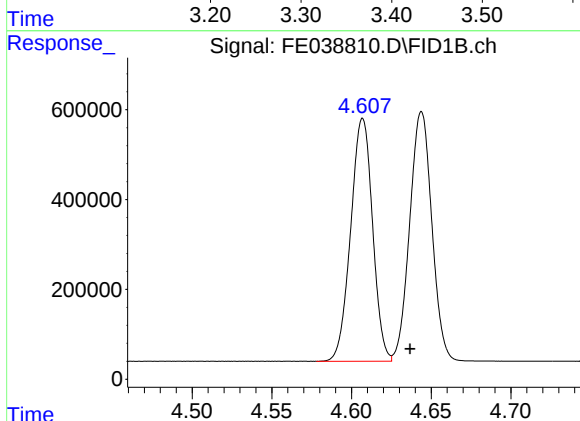
#1 n-Nonane (C9)

R.T.: 3.360 min
Delta R.T.: -0.030 min
Response: 4998351
Conc: 32.45 ug/ml

Instrument :
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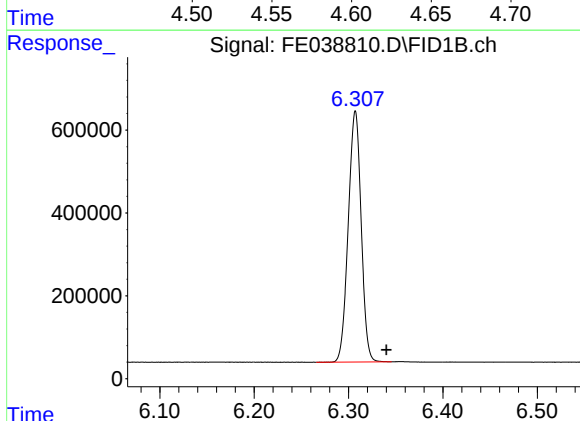
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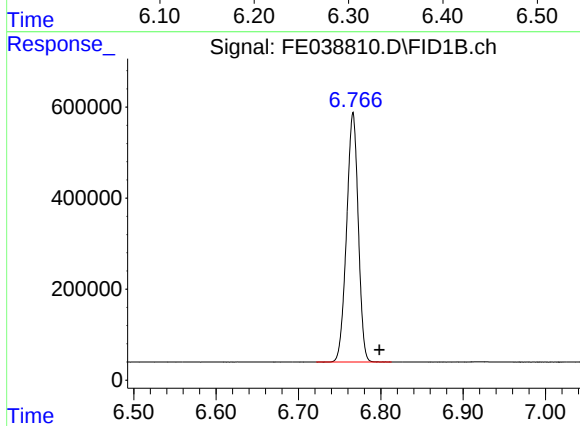
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: -0.030 min
Response: 5172772
Conc: 33.33 ug/ml m



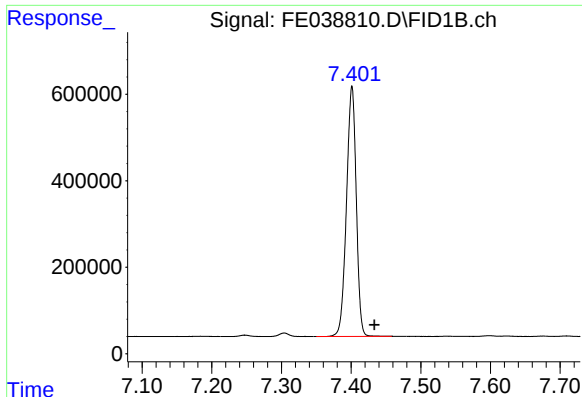
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: -0.033 min
Response: 5755783
Conc: 33.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.766 min
Delta R.T.: -0.032 min
Response: 5379878
Conc: 34.44 ug/ml



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

R.T.: 7.401 min
Delta R.T.: -0.032 min
Response: 5635162
Conc: 33.63 ug/ml

Instrument :

FID_E

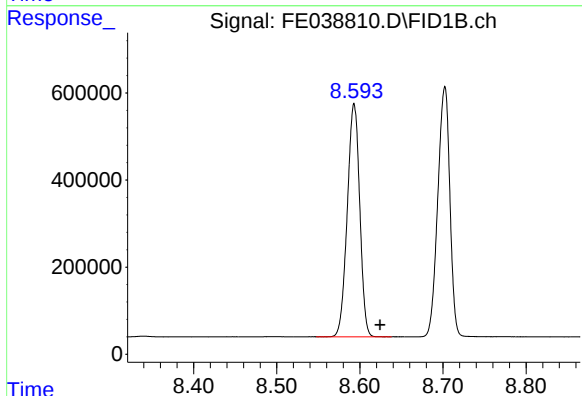
ClientSampleId :

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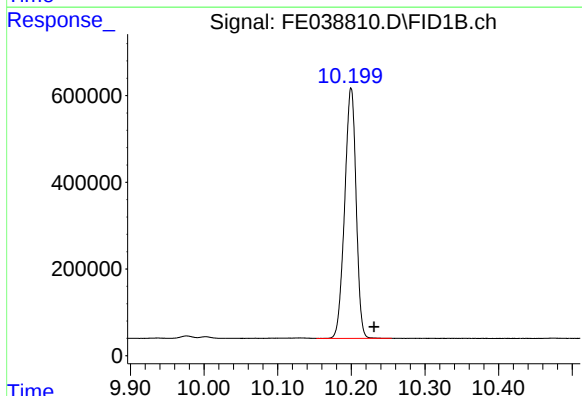
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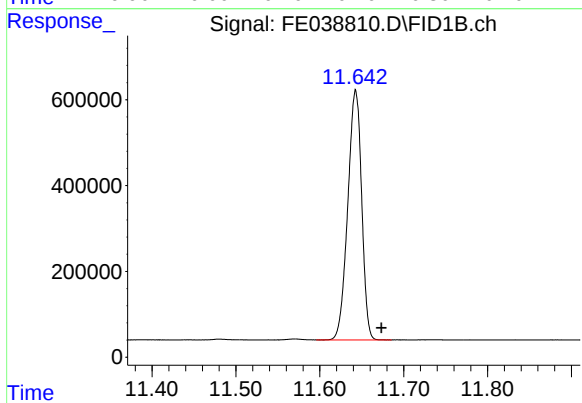
#6 n-Tetradecane (C14)

R.T.: 8.593 min
Delta R.T.: -0.031 min
Response: 5572411
Conc: 35.63 ug/ml



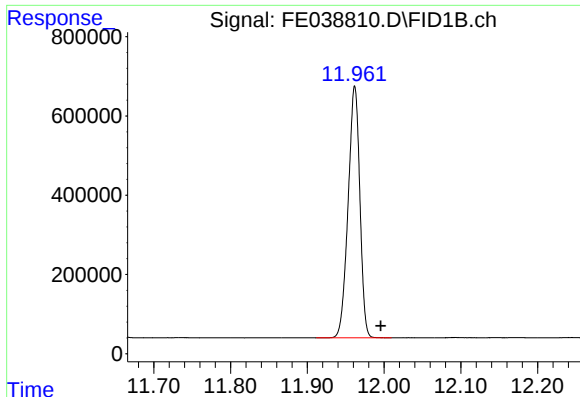
#7 n-Hexadecane (C16)

R.T.: 10.200 min
Delta R.T.: -0.031 min
Response: 6239324
Conc: 39.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.643 min
Delta R.T.: -0.031 min
Response: 6686688
Conc: 41.74 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.962 min
Delta R.T.: -0.034 min
Response: 6739235
Conc: 39.17 ug/ml

Instrument :

FID_E

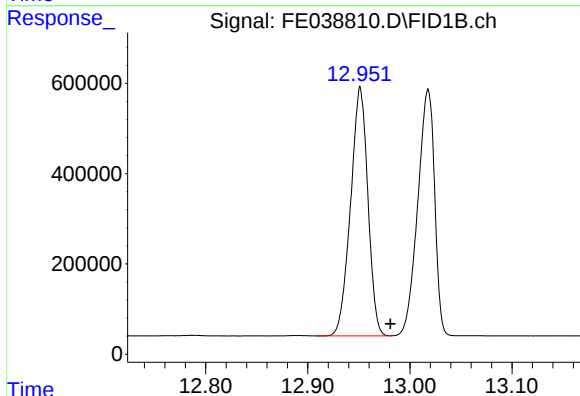
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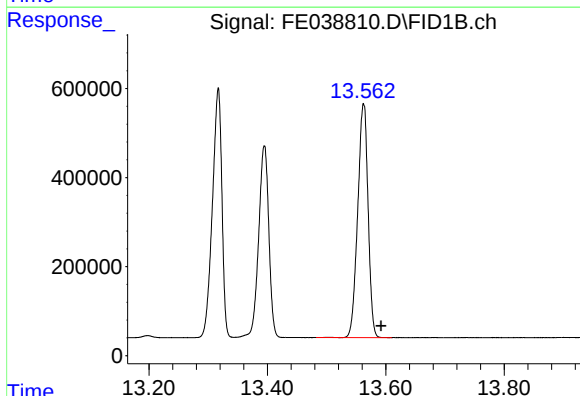
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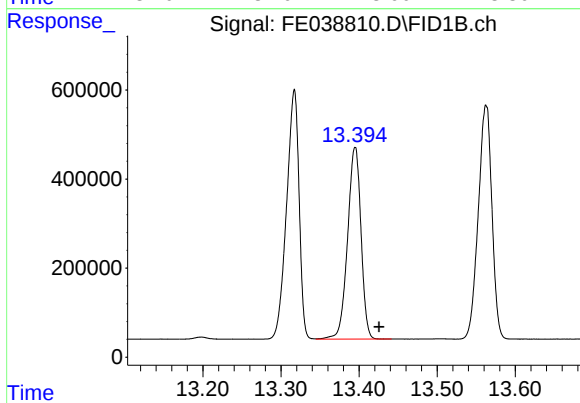
#10 n-Eicosane (C20)

R.T.: 12.951 min
Delta R.T.: -0.030 min
Response: 6486973
Conc: 40.26 ug/ml



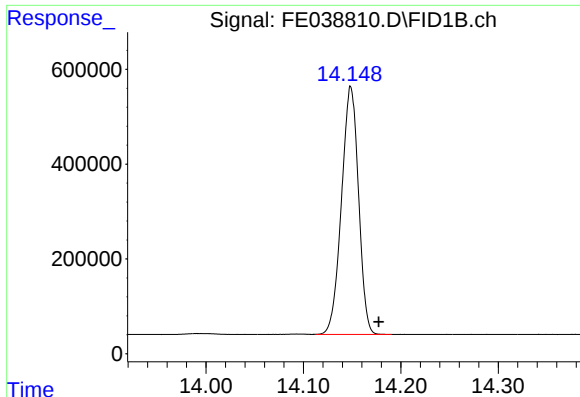
#11 n-Heneicosane (C21)

R.T.: 13.563 min
Delta R.T.: -0.029 min
Response: 6385469
Conc: 39.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.395 min
Delta R.T.: -0.031 min
Response: 5147383
Conc: 37.60 ug/ml



#13 n-Docosane (C22)

R.T.: 14.149 min
Delta R.T.: -0.029 min
Response: 6353236
Conc: 39.35 ug/ml

Instrument :

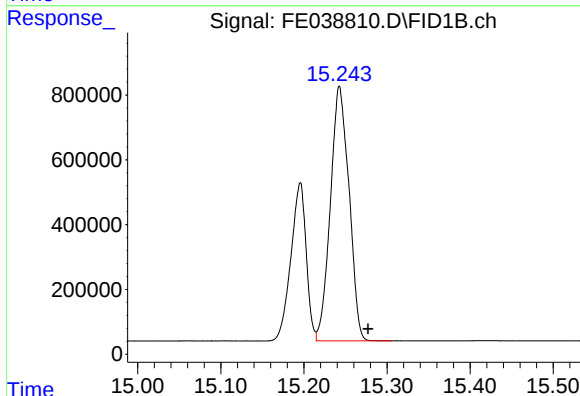
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ClientSampleId :

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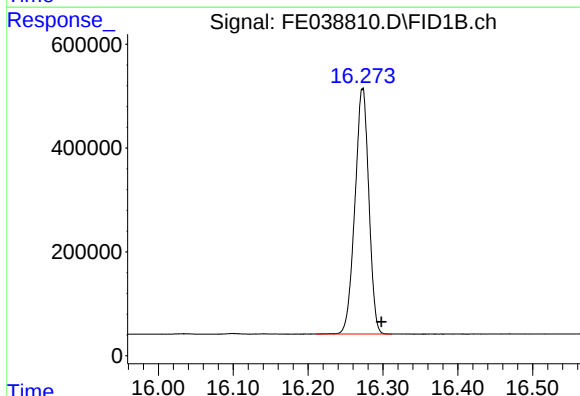
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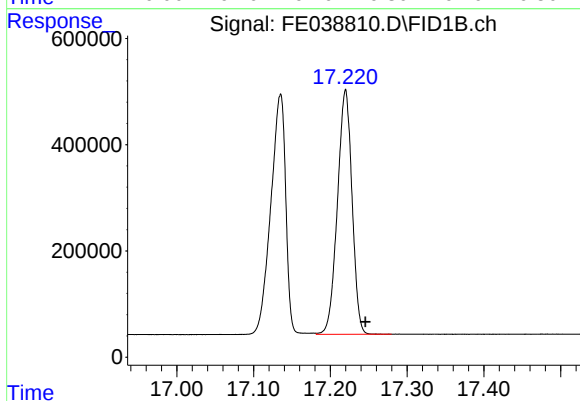
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: -0.035 min
Response: 12231653
Conc: 76.26 ug/ml



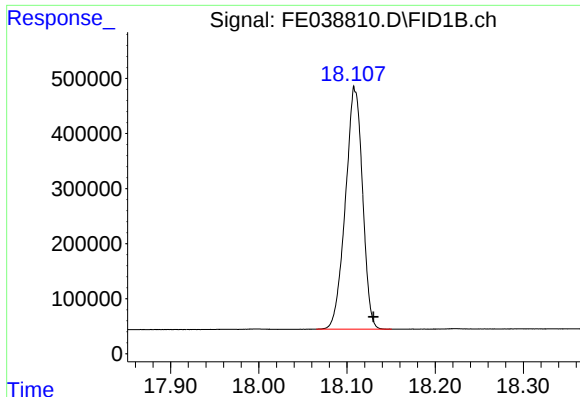
#15 n-Hexacosane (C26)

R.T.: 16.273 min
Delta R.T.: -0.025 min
Response: 6103655
Conc: 38.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.220 min
Delta R.T.: -0.026 min
Response: 6087055
Conc: 38.80 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.107 min
Delta R.T.: -0.022 min
Response: 5934260
Conc: 37.19 ug/ml

Instrument :

FID_E

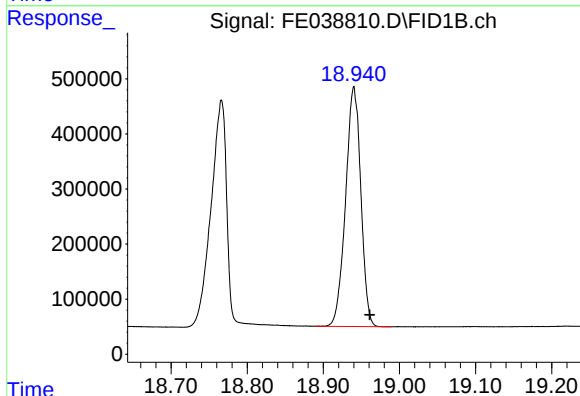
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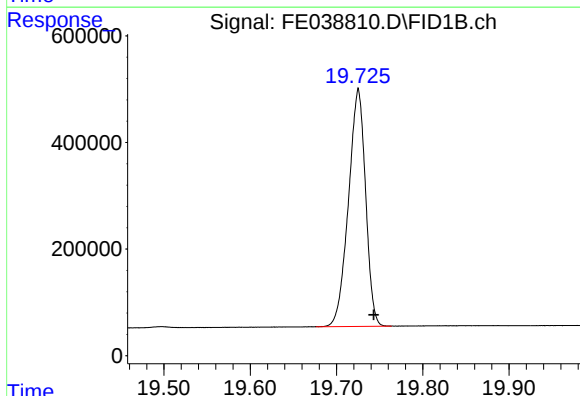
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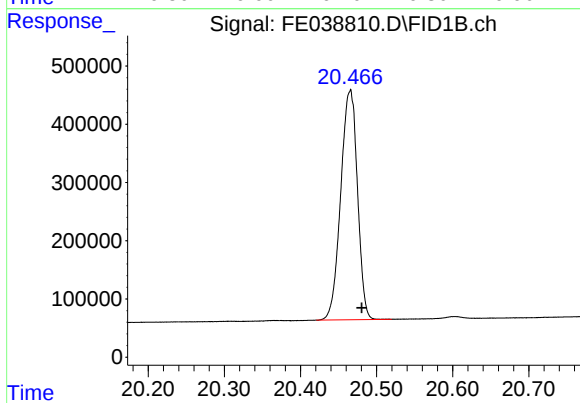
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: -0.021 min
Response: 6054611
Conc: 38.40 ug/ml



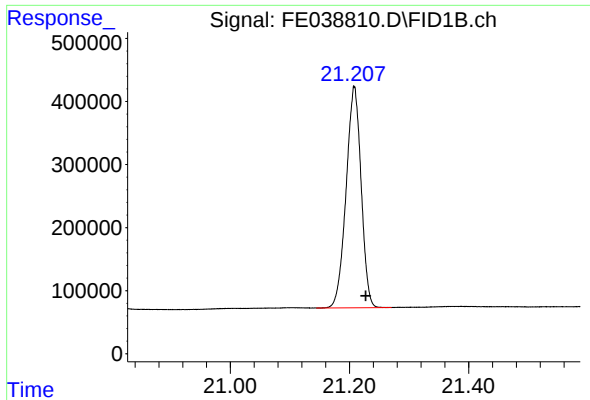
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: -0.018 min
Response: 6137777
Conc: 41.63 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.465 min
Delta R.T.: -0.015 min
Response: 6023399
Conc: 42.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: -0.019 min
Response: 6137112
Conc: 45.44 ug/ml

Instrument :

FID_E

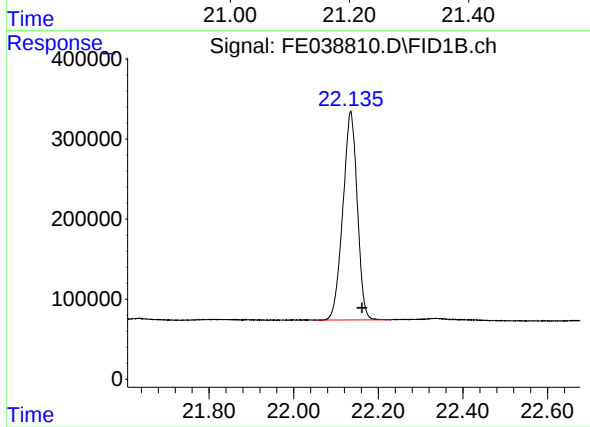
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#22 n-Tetracontane (C40)

R.T.: 22.135 min
Delta R.T.: -0.027 min
Response: 6149433
Conc: 48.72 ug/ml