

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110922AL\
 Data File : FE038694.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2022 04:33
 Operator : YP\AJ
 Sample : N5521-08MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 6MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2022
 Supervised By :Ankita Jodhani 11/10/2022

Integration File: autoint1.e
 Quant Time: Nov 10 05:49:19 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)	11.967	4649169	27.019 ug/ml
Spiked Amount 50.000		Recovery =	54.04%
12) S 1-chlorooctadecane (S...	13.400	3564203	26.035 ug/mlm
Spiked Amount 50.000		Recovery =	52.07%
Target Compounds			
1) T n-Nonane (C9)	3.377	5575241	36.200 ug/ml
2) T n-Decane (C10)	4.618	5761628	37.119 ug/ml
3) T A~Naphthalene (C11.7)	6.318	6373526	37.635 ug/ml
4) T n-Dodecane (C12)	6.775	5940430	38.027 ug/ml
5) T A~2-methylnaphthalene...	7.411	6080477	36.283 ug/ml
6) T n-Tetradecane (C14)	8.600	5849782	37.405 ug/ml
7) T n-Hexadecane (C16)	10.205	5958871	37.717 ug/ml
8) T n-Octadecane (C18)	11.648	6127152	38.252 ug/ml
10) T n-Eicosane (C20)	12.957	5847201	36.289 ug/ml
11) T n-Heneicosane (C21)	13.568	5807723	35.954 ug/ml
13) T n-Docosane (C22)	14.154	5771505	35.750 ug/ml
14) T n-Tetracosane (C24)	15.252	11704905	72.974 ug/ml
15) T n-Hexacosane (C26)	16.278	5712320	35.964 ug/ml
16) T n-Octacosane (C28)	17.229	5962249	38.003 ug/ml
17) T n-Tricontane (C30)	18.118	5746494	36.015 ug/ml
18) T n-Dotriacontane (C32)	18.950	6028062	38.232 ug/ml
19) T n-Tetratriacontane (C34)	19.733	5946330	40.335 ug/ml
20) T n-Hexatriacontane (C36)	20.475	6103312	42.715 ug/ml
21) T n-Octatriacontane (C38)	21.220	6264557	46.382 ug/ml
22) T n-Tetracontane (C40)	22.153	6527842	51.714 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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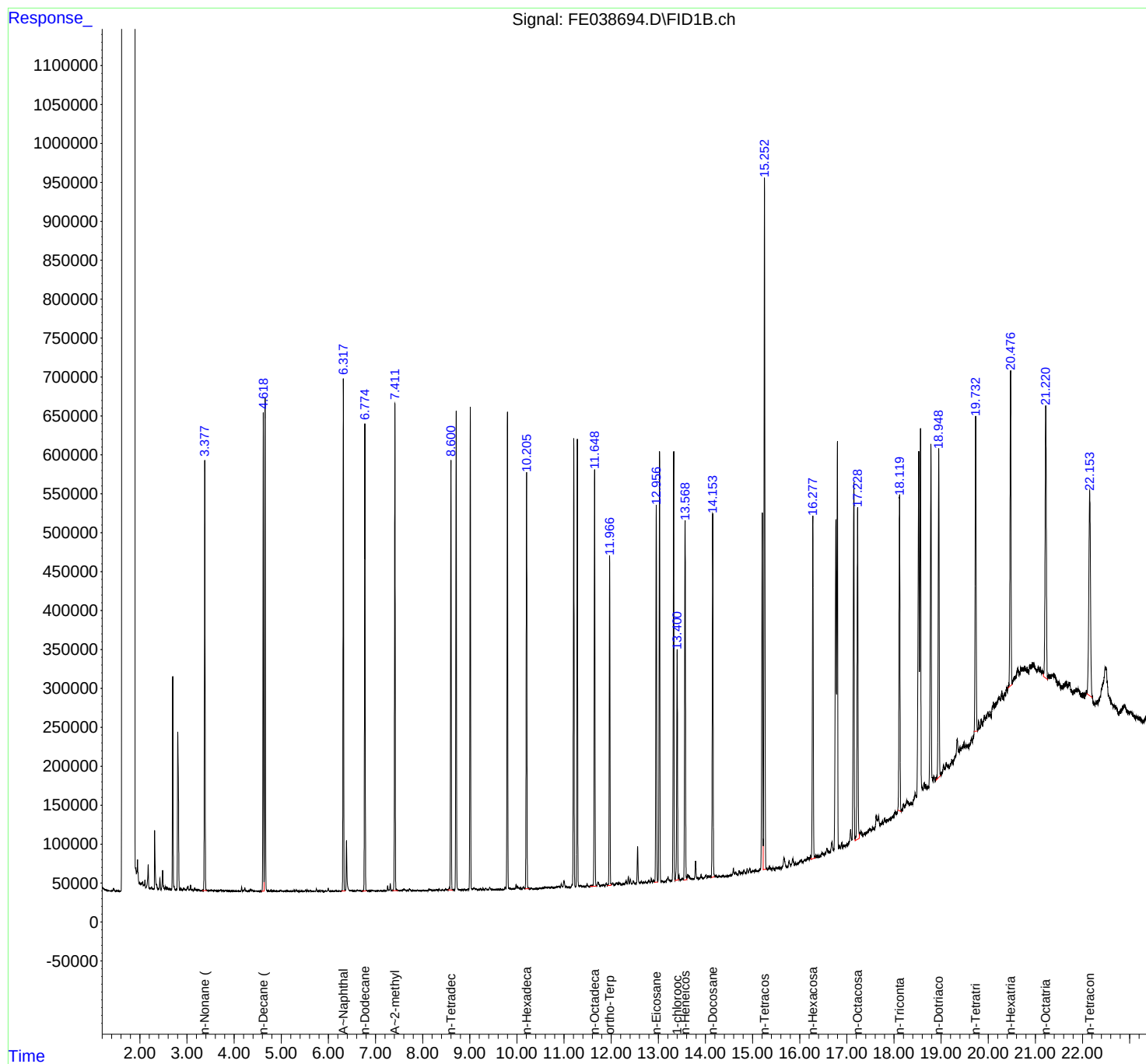
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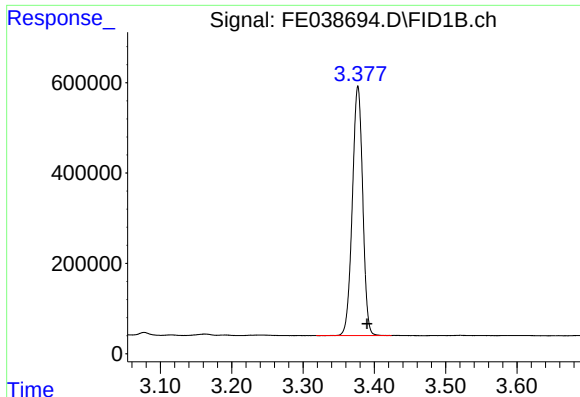
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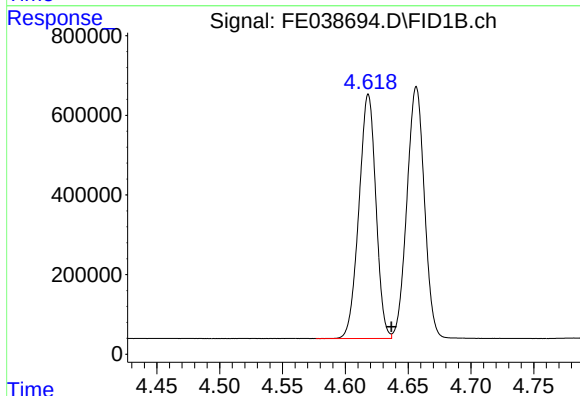
#1 n-Nonane (C9)

R.T.: 3.377 min
Delta R.T.: -0.013 min
Response: 5575241
Conc: 36.20 ug/ml

Instrument :
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ClientSampleId :
6MS

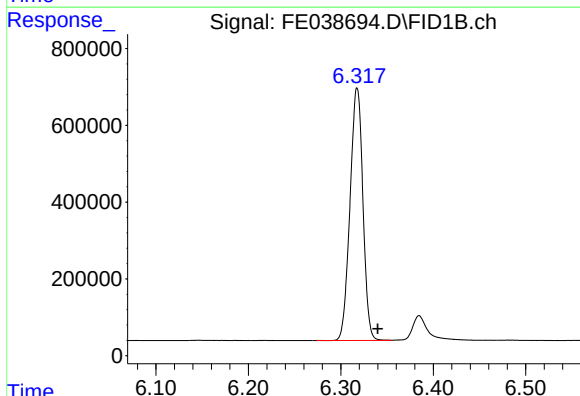
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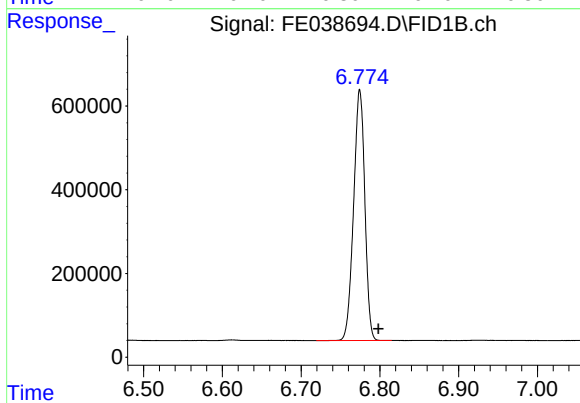
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: -0.018 min
Response: 5761628
Conc: 37.12 ug/ml



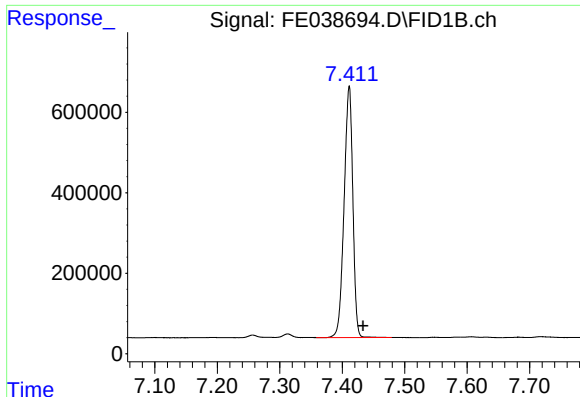
#3 A~Naphthalene (C11.7)

R.T.: 6.318 min
Delta R.T.: -0.022 min
Response: 6373526
Conc: 37.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.775 min
Delta R.T.: -0.024 min
Response: 5940430
Conc: 38.03 ug/ml



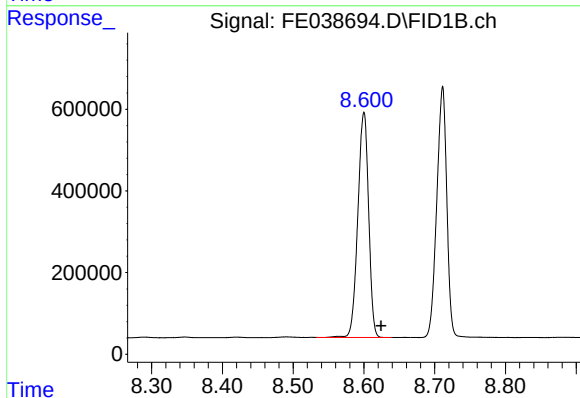
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.411 min
Delta R.T.: -0.022 min
Response: 6080477
Conc: 36.28 ug/ml

Instrument :
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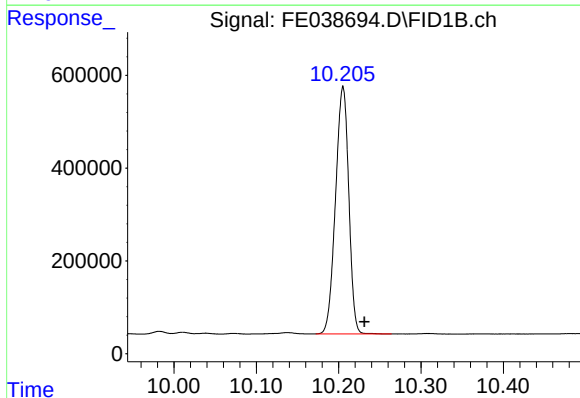
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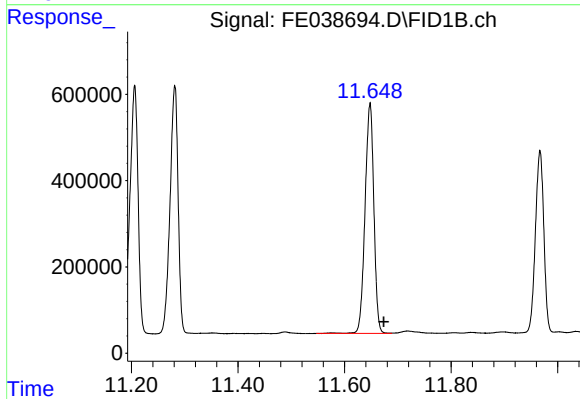
#6 n-Tetradecane (C14)

R.T.: 8.600 min
Delta R.T.: -0.024 min
Response: 5849782
Conc: 37.41 ug/ml



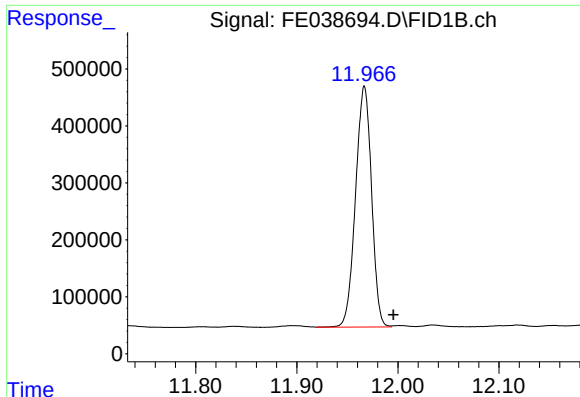
#7 n-Hexadecane (C16)

R.T.: 10.205 min
Delta R.T.: -0.026 min
Response: 5958871
Conc: 37.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.648 min
Delta R.T.: -0.026 min
Response: 6127152
Conc: 38.25 ug/ml



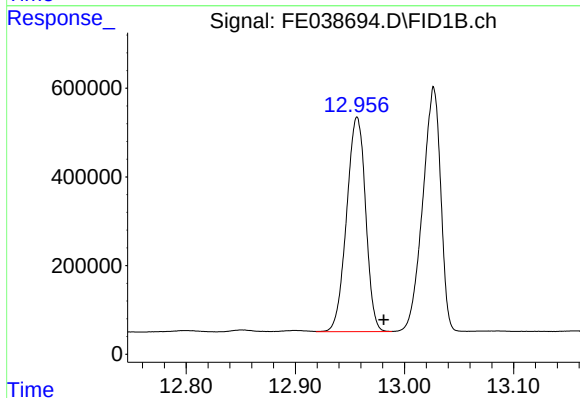
#9 ortho-Terphenyl (SURR)

R.T.: 11.967 min
Delta R.T.: -0.029 min
Response: 4649169
Conc: 27.02 ug/ml

Instrument :
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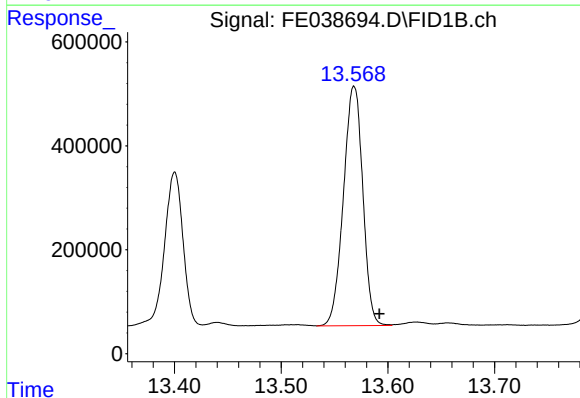
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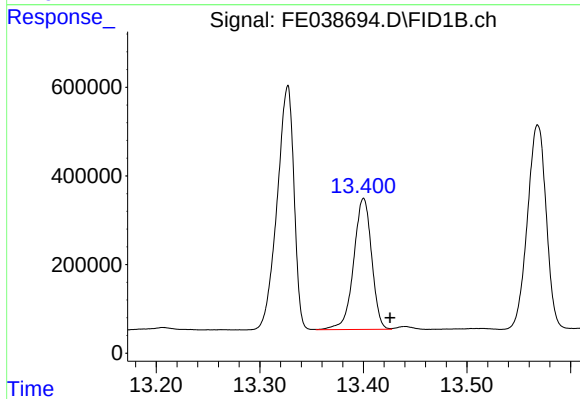
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: -0.024 min
Response: 5847201
Conc: 36.29 ug/ml



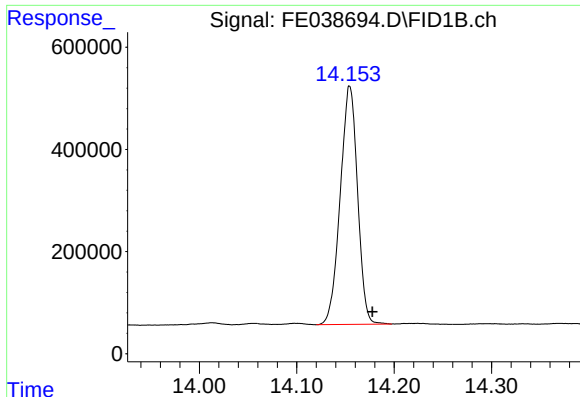
#11 n-Heneicosane (C21)

R.T.: 13.568 min
Delta R.T.: -0.024 min
Response: 5807723
Conc: 35.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.400 min
Delta R.T.: -0.026 min
Response: 3564203
Conc: 26.03 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.154 min
Delta R.T.: -0.023 min
Response: 5771505
Conc: 35.75 ug/ml

Instrument :

FID_E

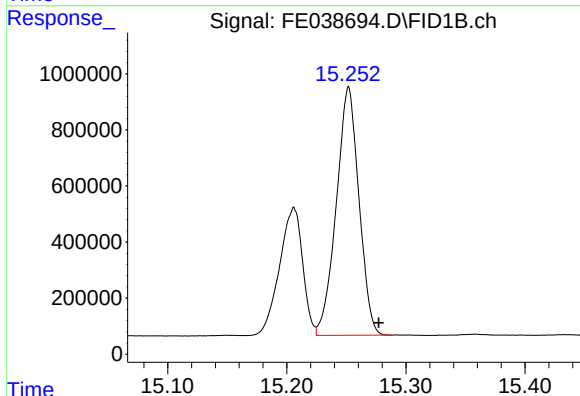
ClientSampleId :

6MS

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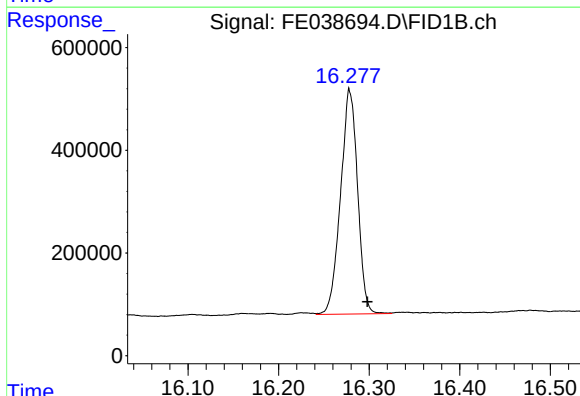
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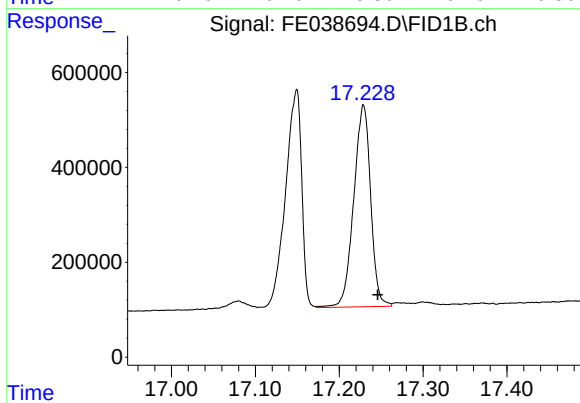
#14 n-Tetracosane (C24)

R.T.: 15.252 min
Delta R.T.: -0.025 min
Response: 11704905
Conc: 72.97 ug/ml



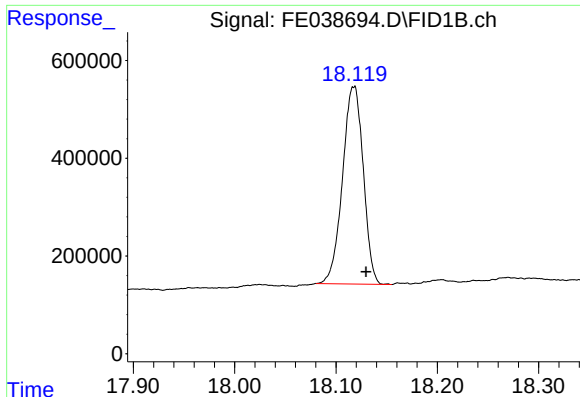
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: -0.020 min
Response: 5712320
Conc: 35.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.229 min
Delta R.T.: -0.017 min
Response: 5962249
Conc: 38.00 ug/ml



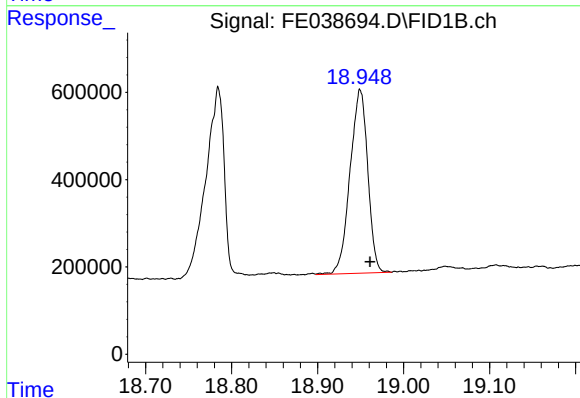
#17 n-Tricontane (C30)

R.T.: 18.118 min
Delta R.T.: -0.012 min
Response: 5746494
Conc: 36.02 ug/ml

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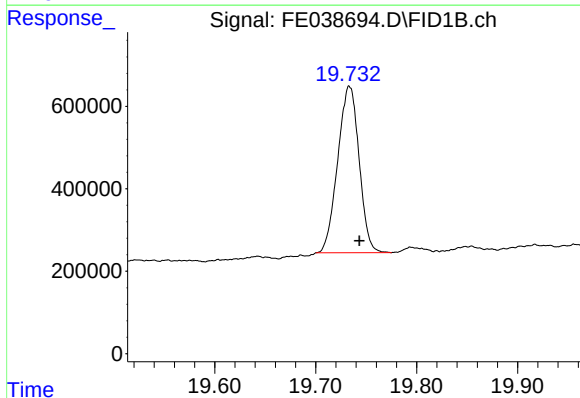
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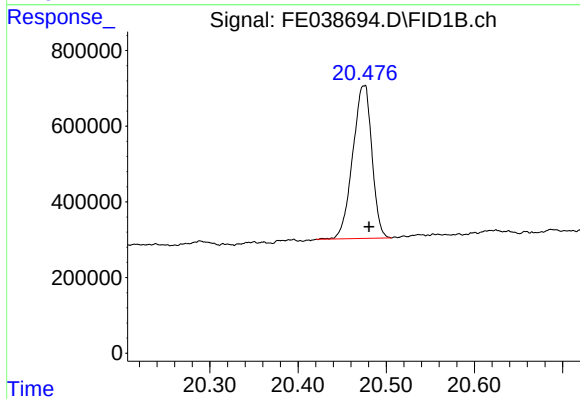
#18 n-Dotriacontane (C32)

R.T.: 18.950 min
Delta R.T.: -0.012 min
Response: 6028062
Conc: 38.23 ug/ml



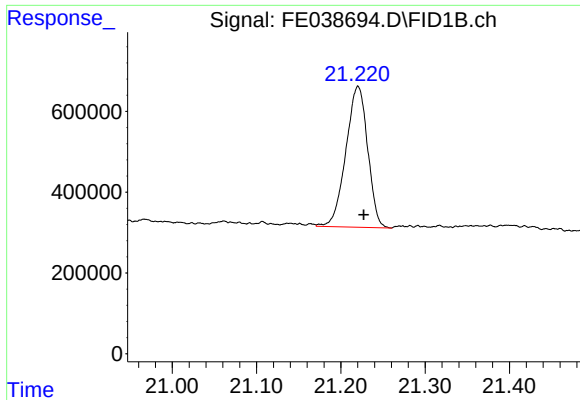
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.010 min
Response: 5946330
Conc: 40.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.475 min
Delta R.T.: -0.006 min
Response: 6103312
Conc: 42.71 ug/ml



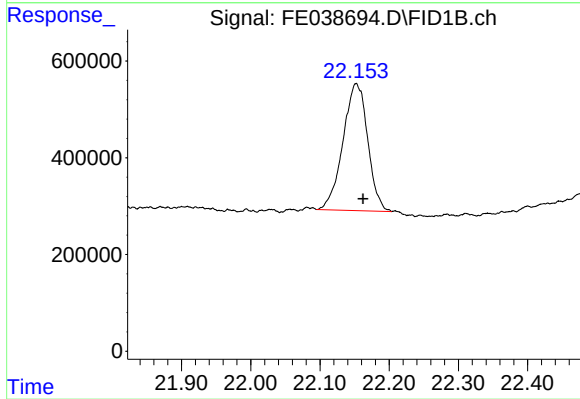
#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: -0.007 min
Response: 6264557
Conc: 46.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.153 min
Delta R.T.: -0.010 min
Response: 6527842
Conc: 51.71 ug/ml m