

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121324AL\
 Data File : FE051652.D
 Signal(s) : FID1B.ch
 Acq On : 13 Dec 2024 15:03
 Operator : YP\AJ
 Sample : P5268-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-12122024MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/16/2024
 Supervised By :Ankita Jodhani 12/16/2024

Integration File: autoint1.e
 Quant Time: Dec 14 00:50:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121224.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 12 15:49:08 2024
 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)	11.999	4662993	30.164 ug/ml
Spiked Amount 50.000		Recovery =	60.33%
12) S 1-chlorooctadecane (S...	13.417	4181746	33.688 ug/ml
Spiked Amount 50.000		Recovery =	67.38%
Target Compounds			
1) T n-Nonane (C9)	3.494	3405616	29.275 ug/ml
2) T n-Decane (C10)	4.722	3927257	32.883 ug/ml
3) T A~Naphthalene (C11.7)	6.404	5056746	37.520 ug/ml
4) T n-Dodecane (C12)	6.851	4594796	37.403 ug/ml
5) T A~2-methylnaphthalene...	7.483	5014141	37.817 ug/ml
6) T n-Tetradecane (C14)	8.659	5220214	41.602 ug/ml
7) T n-Hexadecane (C16)	10.249	5573028	41.464 ug/ml
8) T n-Octadecane (C18)	11.678	5766527	40.833 ug/ml
10) T n-Eicosane (C20)	12.976	6290797	44.617 ug/ml
11) T n-Heneicosane (C21)	13.582	5907827	41.610 ug/ml
13) T n-Docosane (C22)	14.162	5813244	40.852 ug/mlm
14) T n-Tetracosane (C24)	15.250	11707953	80.133 ug/ml
15) T n-Hexacosane (C26)	16.269	5554686	38.170 ug/ml
16) T n-Octacosane (C28)	17.210	5723608	39.207 ug/ml
17) T n-Tricontane (C30)	18.092	5618746	36.852 ug/ml
18) T n-Dotriacontane (C32)	18.916	5195058	34.661 ug/ml
19) T n-Tetratriacontane (C34)	19.693	5276476	40.200 ug/ml
20) T n-Hexatriacontane (C36)	20.426	5048126	43.532 ug/ml
21) T n-Octatriacontane (C38)	21.160	5326011	51.726 ug/mlm
22) T n-Tetracontane (C40)	22.074	6049801	60.415 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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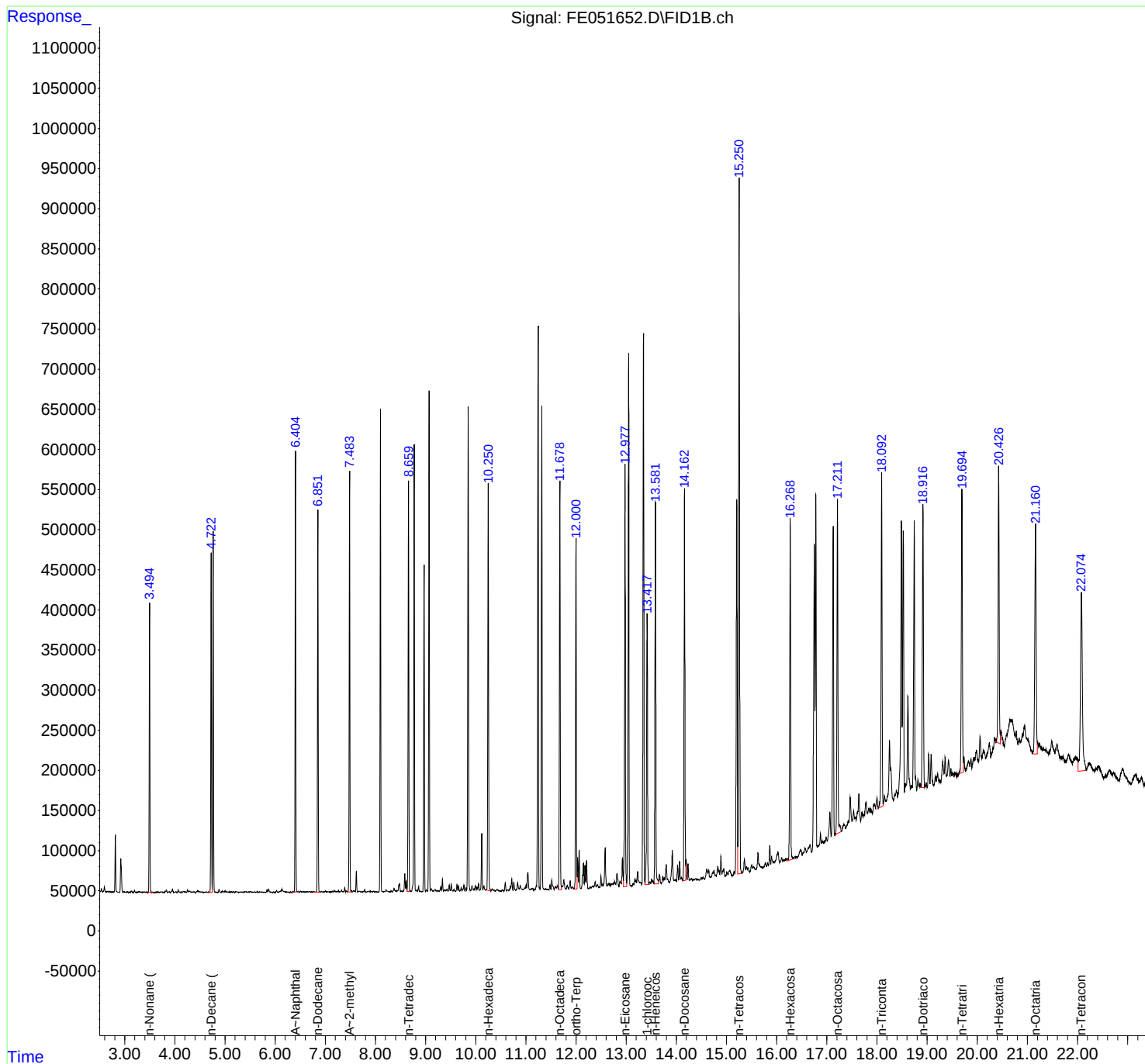
Instrument :
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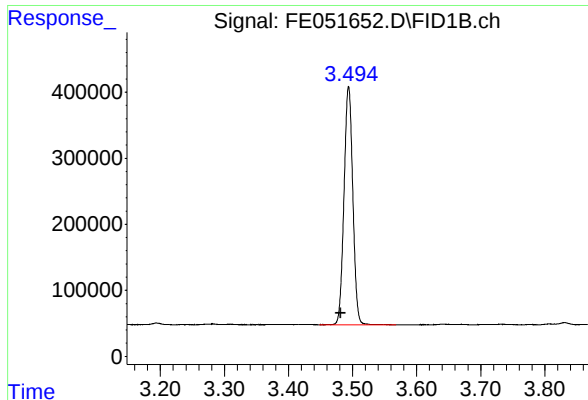
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#1 n-Nonane (C9)

R.T.: 3.494 min
Delta R.T.: 0.013 min
Response: 3405616
Conc: 29.27 ug/ml

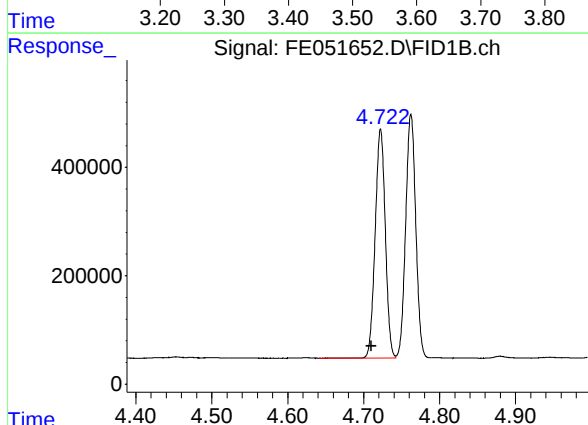
Instrument :

FID_E

ClientSampleId :
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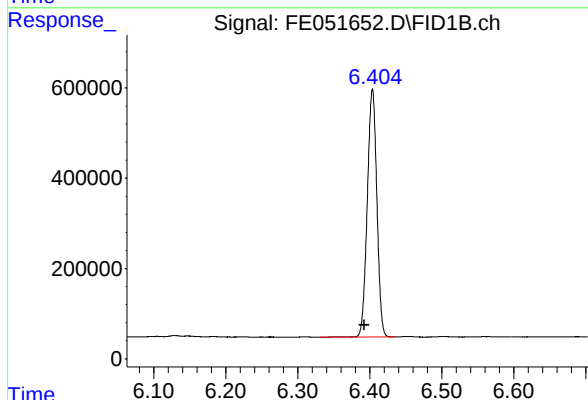
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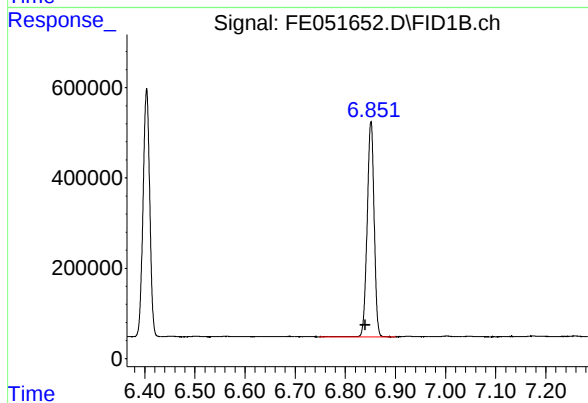
#2 n-Decane (C10)

R.T.: 4.722 min
Delta R.T.: 0.012 min
Response: 3927257
Conc: 32.88 ug/ml



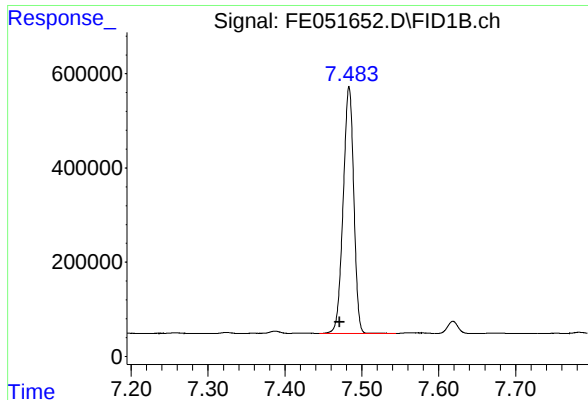
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.012 min
Response: 5056746
Conc: 37.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.851 min
Delta R.T.: 0.011 min
Response: 4594796
Conc: 37.40 ug/ml



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

R.T.: 7.483 min
Delta R.T.: 0.012 min
Response: 5014141
Conc: 37.82 ug/ml

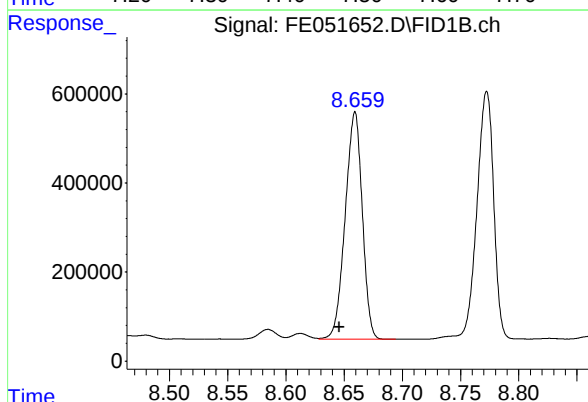
Instrument :

FID_E

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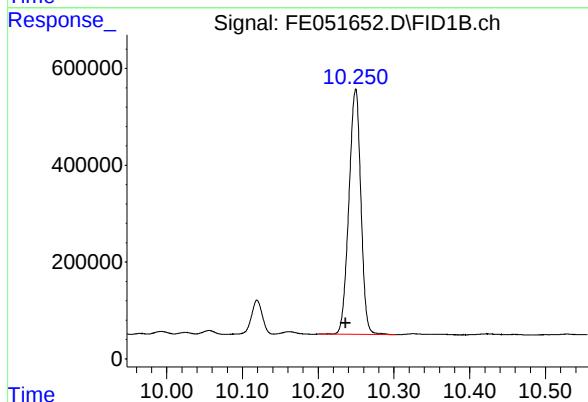
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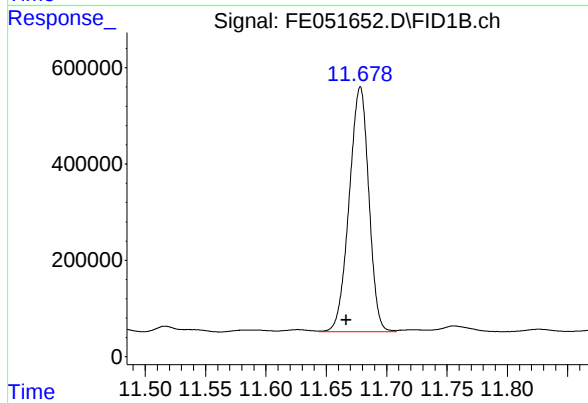
#6 n-Tetradecane (C14)

R.T.: 8.659 min
Delta R.T.: 0.013 min
Response: 5220214
Conc: 41.60 ug/ml



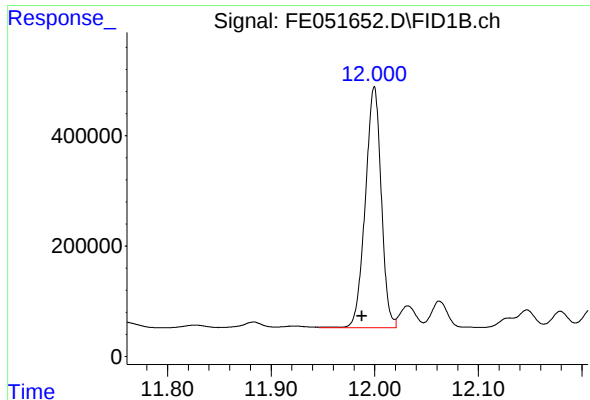
#7 n-Hexadecane (C16)

R.T.: 10.249 min
Delta R.T.: 0.013 min
Response: 5573028
Conc: 41.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.678 min
Delta R.T.: 0.011 min
Response: 5766527
Conc: 40.83 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.999 min
Delta R.T.: 0.012 min
Response: 4662993
Conc: 30.16 ug/ml

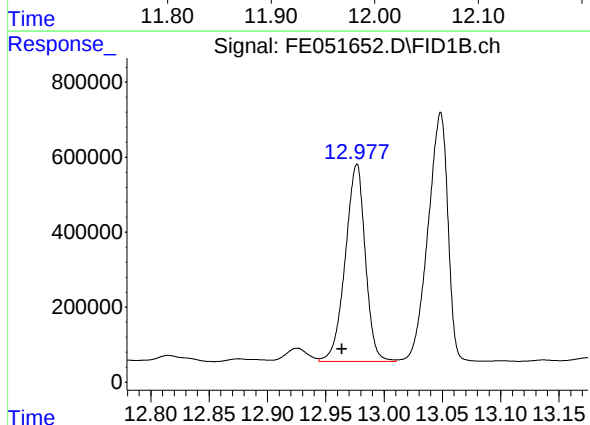
Instrument :

FID_E

ClientSampleId :
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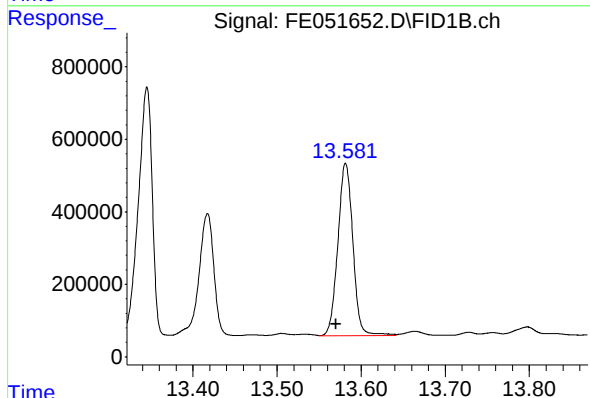
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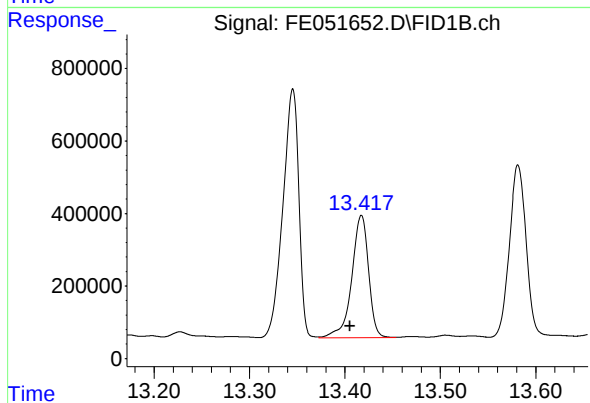
#10 n-Eicosane (C20)

R.T.: 12.976 min
Delta R.T.: 0.012 min
Response: 6290797
Conc: 44.62 ug/ml



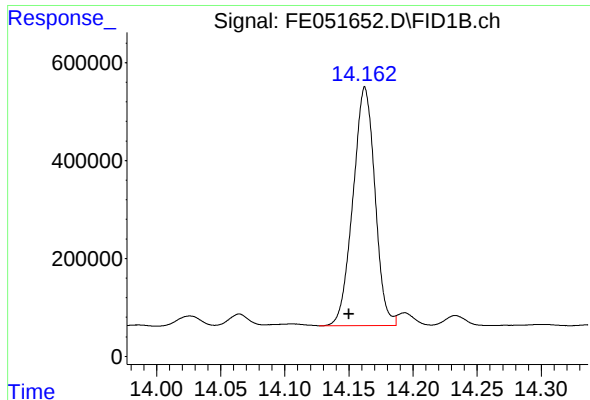
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: 0.012 min
Response: 5907827
Conc: 41.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.417 min
Delta R.T.: 0.012 min
Response: 4181746
Conc: 33.69 ug/ml



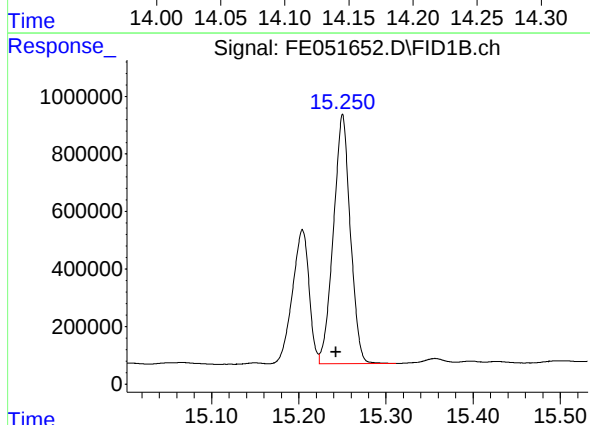
#13 n-Docosane (C22)

R.T.: 14.162 min
Delta R.T.: 0.012 min
Response: 5813244
Conc: 40.85 ug/ml

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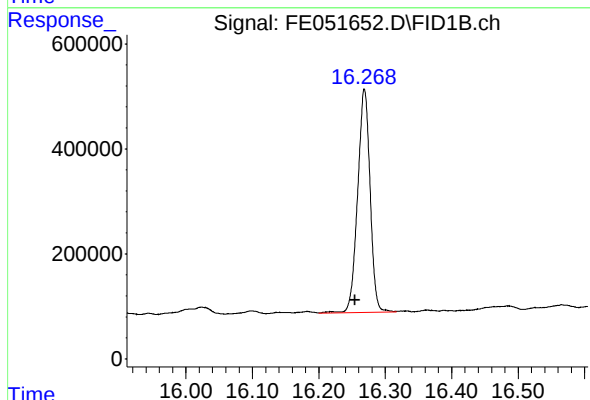
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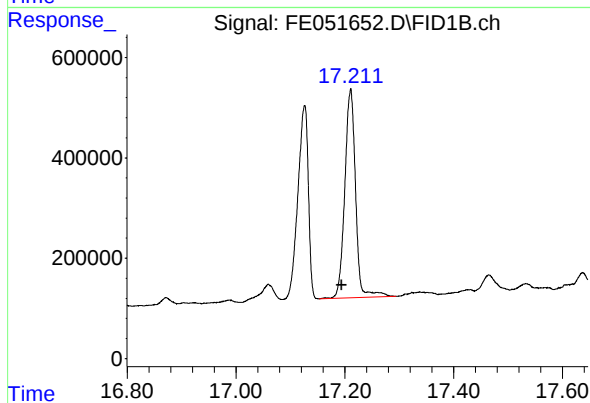
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: 0.008 min
Response: 11707953
Conc: 80.13 ug/ml



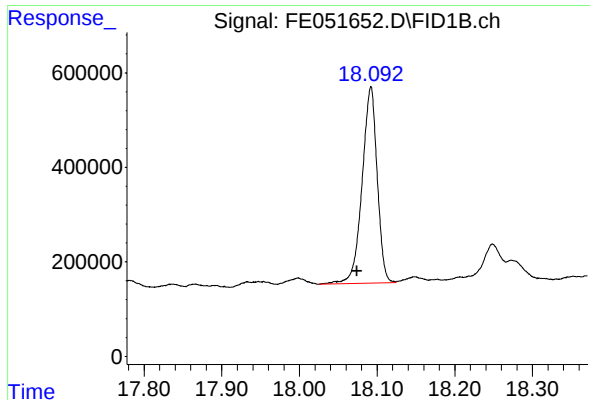
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: 0.014 min
Response: 5554686
Conc: 38.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.210 min
Delta R.T.: 0.016 min
Response: 5723608
Conc: 39.21 ug/ml



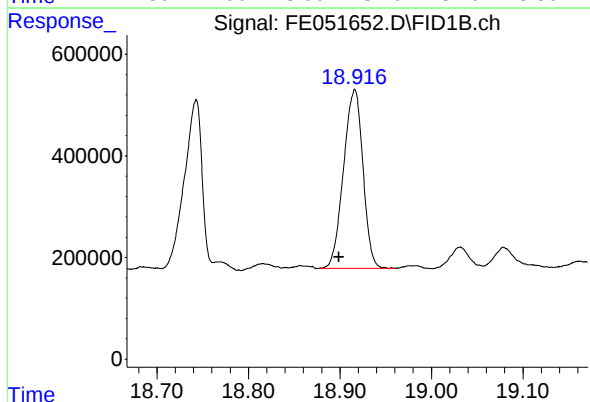
#17 n-Tricontane (C30)

R.T.: 18.092 min
Delta R.T.: 0.018 min
Response: 5618746
Conc: 36.85 ug/ml

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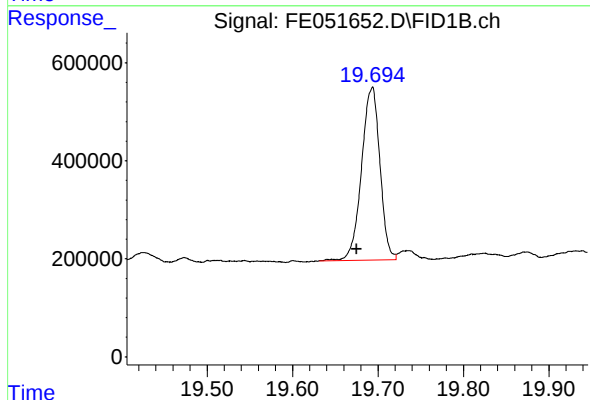
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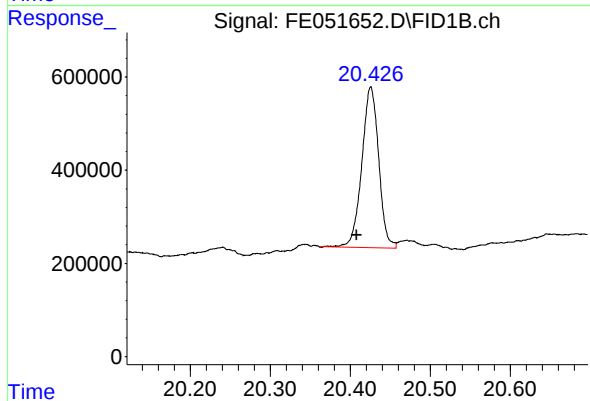
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: 0.017 min
Response: 5195058
Conc: 34.66 ug/ml



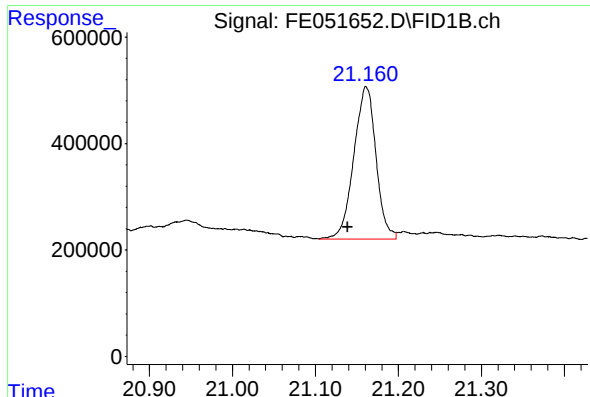
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: 0.018 min
Response: 5276476
Conc: 40.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.426 min
Delta R.T.: 0.018 min
Response: 5048126
Conc: 43.53 ug/ml



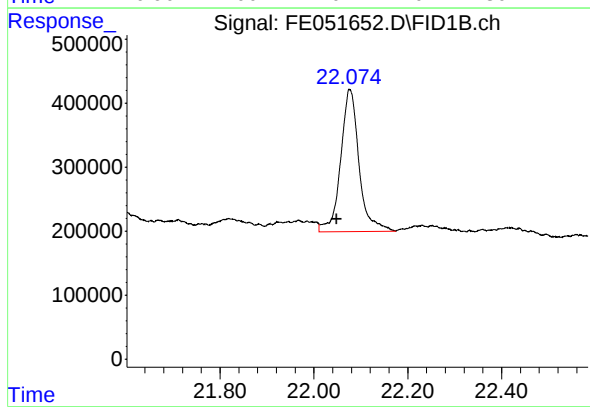
#21 n-Octatriacontane (C38)

R.T.: 21.160 min
Delta R.T.: 0.022 min
Response: 5326011
Conc: 51.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.074 min
Delta R.T.: 0.026 min
Response: 6049801
Conc: 60.41 ug/ml m