

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042325AL\
 Data File : FE053506.D
 Signal(s) : FID1B.ch
 Acq On : 23 Apr 2025 17:49
 Operator : YP\AJ
 Sample : Q1852-05MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ETGI-278MSD

Integration File: autoint1.e
 Quant Time: Apr 24 01:28:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 15:58:53 2025
 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)	11.872	5986655	33.193 ug/ml
Spiked Amount 50.000		Recovery =	66.39%
12) S 1-chlorooctadecane (S...	13.317	4541125	33.594 ug/ml
Spiked Amount 50.000		Recovery =	67.19%
Target Compounds			
1) T n-Nonane (C9)	3.220	4237181	30.905 ug/ml
2) T n-Decane (C10)	4.481	4818062	34.829 ug/ml
3) T A~Naphthalene (C11.7)	6.191	5850862	38.761 ug/ml
4) T n-Dodecane (C12)	6.660	5376360	38.334 ug/ml
5) T A~2-methylnaphthalene...	7.293	5567770	37.292 ug/ml
6) T n-Tetradecane (C14)	8.497	5806674	41.391 ug/ml
7) T n-Hexadecane (C16)	10.109	5955003	41.550 ug/ml
8) T n-Octadecane (C18)	11.559	5745585	39.425 ug/ml
10) T n-Eicosane (C20)	12.872	6026593	41.416 ug/ml
11) T n-Heneicosane (C21)	13.485	5849901	40.387 ug/ml
13) T n-Docosane (C22)	14.073	5695338	39.468 ug/ml
14) T n-Tetracosane (C24)	15.166	11431160	79.582 ug/ml
15) T n-Hexacosane (C26)	16.202	5438042	38.396 ug/ml
16) T n-Octacosane (C28)	17.151	5627094	40.446 ug/ml
17) T n-Tricontane (C30)	18.042	5250684	37.722 ug/ml
18) T n-Dotriacontane (C32)	18.874	5177864	37.710 ug/ml
19) T n-Tetratriacontane (C34)	19.659	5170917	39.687 ug/ml
20) T n-Hexatriacontane (C36)	20.401	4976961	39.423 ug/ml
21) T n-Octatriacontane (C38)	21.135	4888336	40.124 ug/ml
22) T n-Tetracontane (C40)	22.039	4812226	40.296 ug/ml

(f)=RT Delta > 1/2 Window

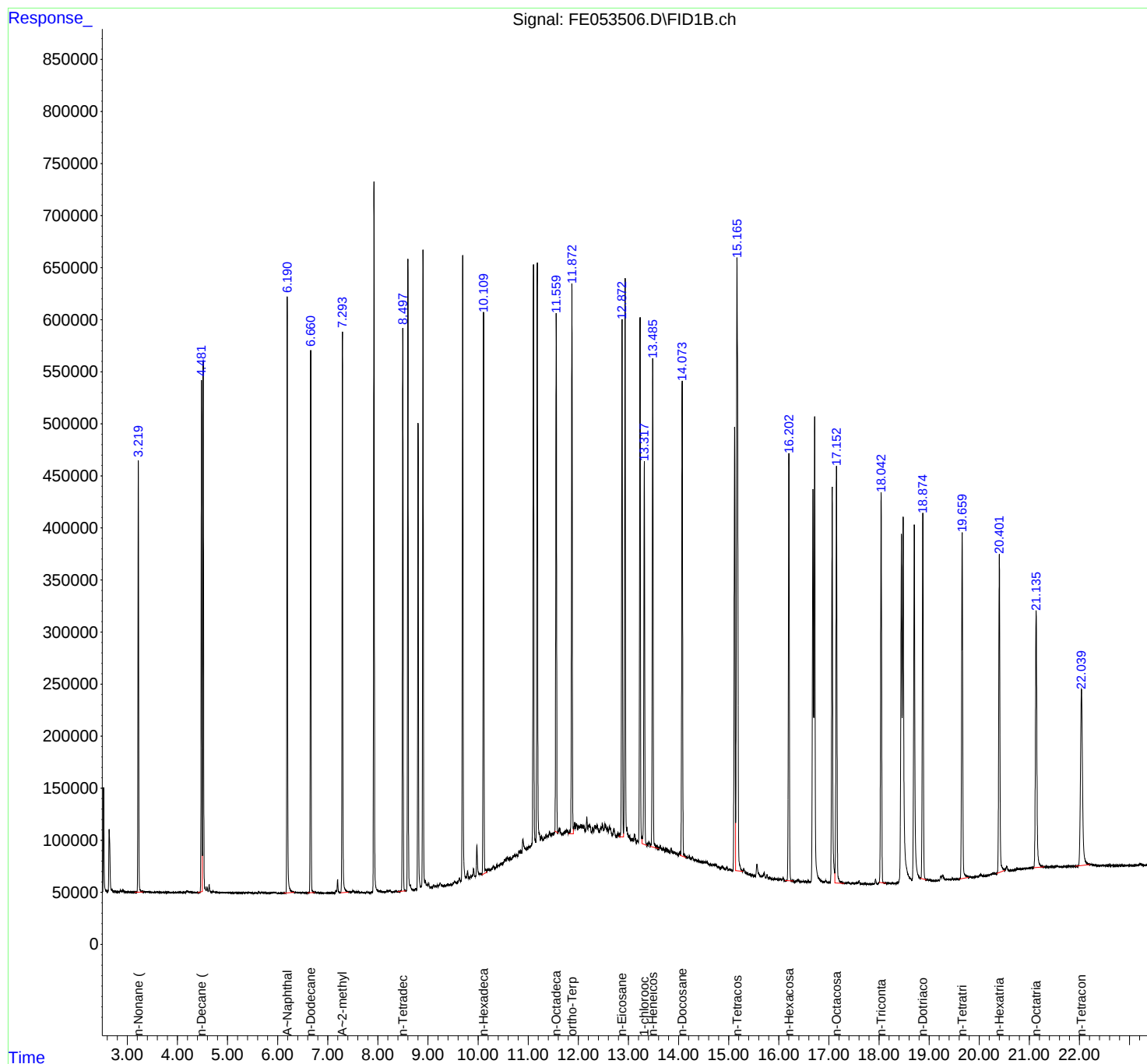
(m)=manual int.

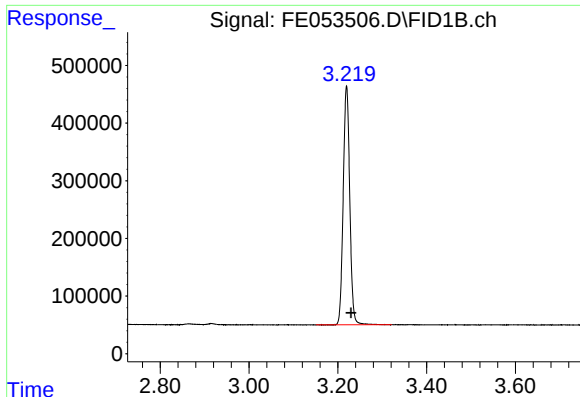
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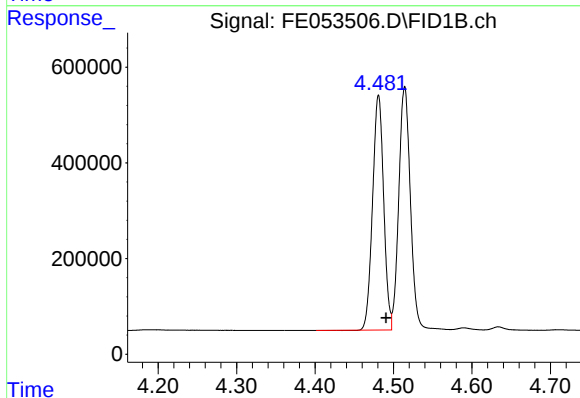




#1 n-Nonane (C9)

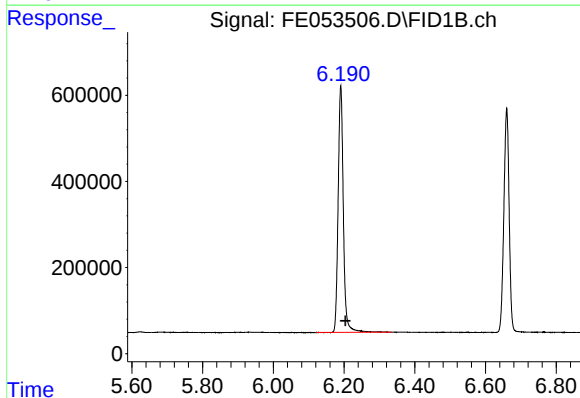
R.T.: 3.220 min
Delta R.T.: -0.010 min
Response: 4237181
Conc: 30.91 ug/ml

Instrument :
FID_E
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ETGI-278MSD



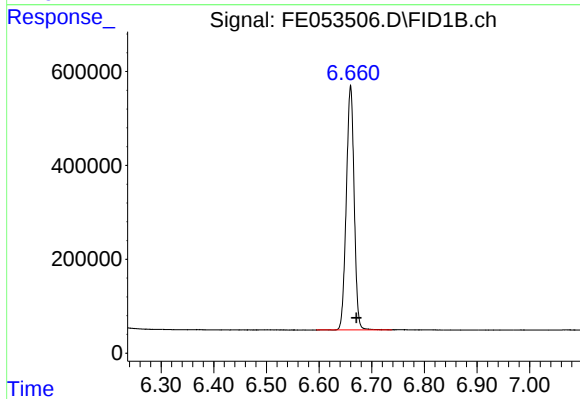
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.010 min
Response: 4818062
Conc: 34.83 ug/ml



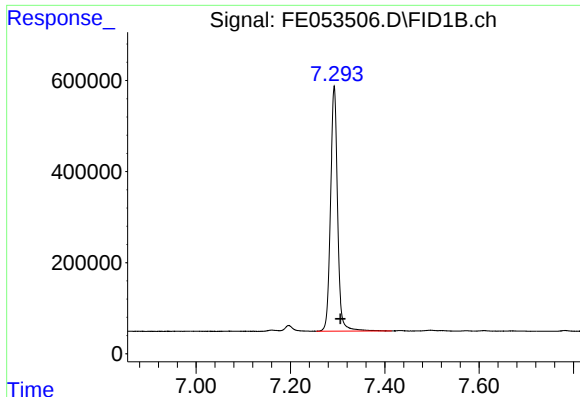
#3 A~Naphthalene (C11.7)

R.T.: 6.191 min
Delta R.T.: -0.013 min
Response: 5850862
Conc: 38.76 ug/ml



#4 n-Dodecane (C12)

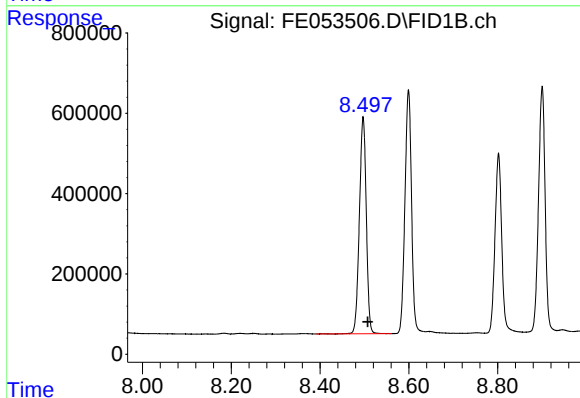
R.T.: 6.660 min
Delta R.T.: -0.011 min
Response: 5376360
Conc: 38.33 ug/ml



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

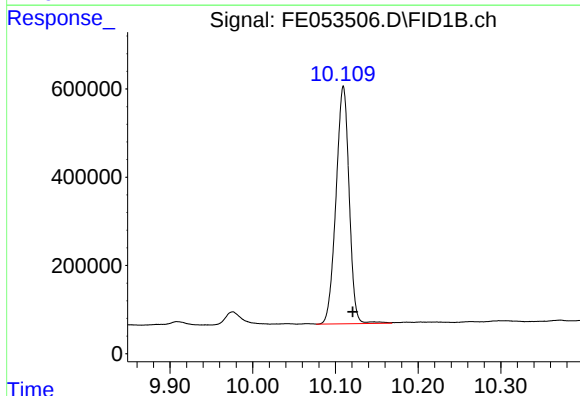
R.T.: 7.293 min
Delta R.T.: -0.013 min
Response: 5567770
Conc: 37.29 ug/ml

Instrument :
FID_E
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ETGI-278MSD



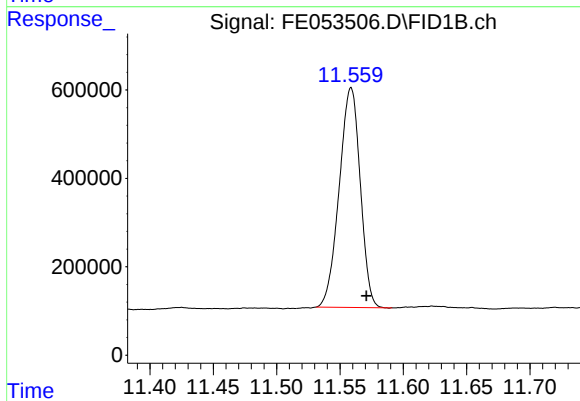
#6 n-Tetradecane (C14)

R.T.: 8.497 min
Delta R.T.: -0.011 min
Response: 5806674
Conc: 41.39 ug/ml



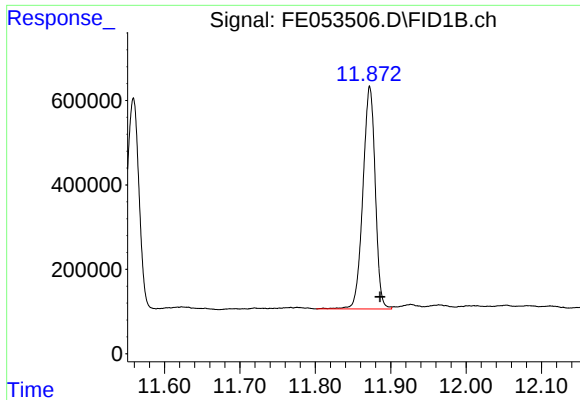
#7 n-Hexadecane (C16)

R.T.: 10.109 min
Delta R.T.: -0.012 min
Response: 5955003
Conc: 41.55 ug/ml



#8 n-Octadecane (C18)

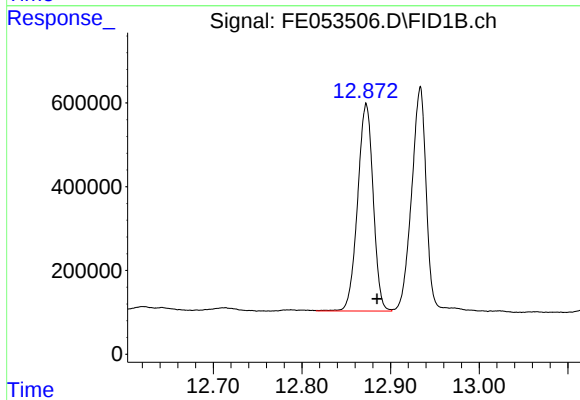
R.T.: 11.559 min
Delta R.T.: -0.012 min
Response: 5745585
Conc: 39.43 ug/ml



#9 ortho-Terphenyl (SURR)

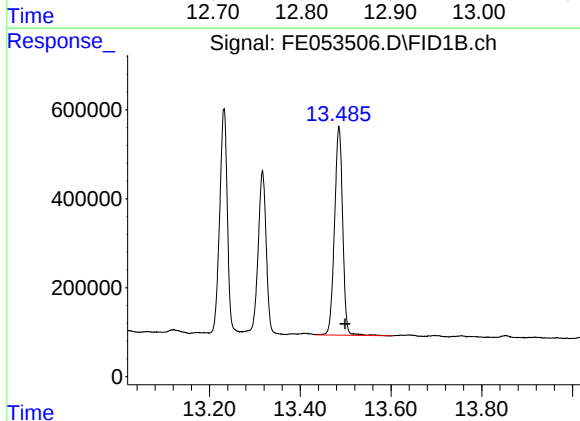
R.T.: 11.872 min
Delta R.T.: -0.014 min
Response: 5986655
Conc: 33.19 ug/ml

Instrument :
FID_E
ClientSampleId :
ETGI-278MSD



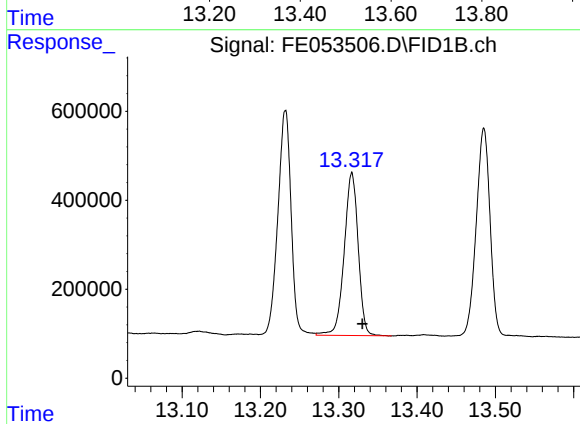
#10 n-Eicosane (C20)

R.T.: 12.872 min
Delta R.T.: -0.012 min
Response: 6026593
Conc: 41.42 ug/ml



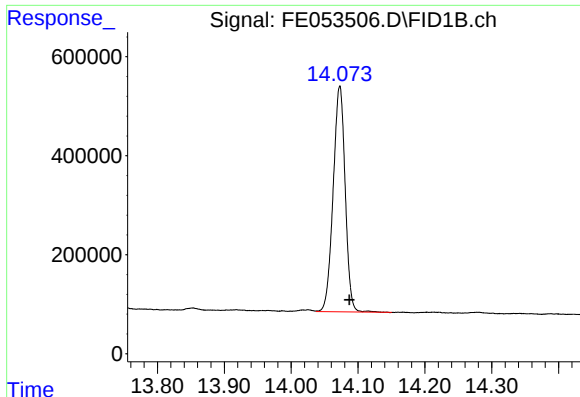
#11 n-Heneicosane (C21)

R.T.: 13.485 min
Delta R.T.: -0.014 min
Response: 5849901
Conc: 40.39 ug/ml



#12 1-chlorooctadecane (SURR)

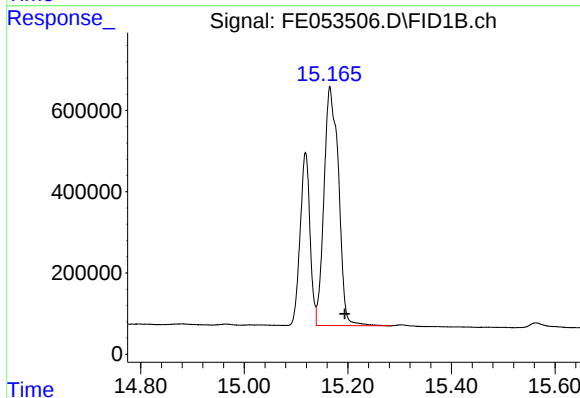
R.T.: 13.317 min
Delta R.T.: -0.014 min
Response: 4541125
Conc: 33.59 ug/ml



#13 n-Docosane (C22)

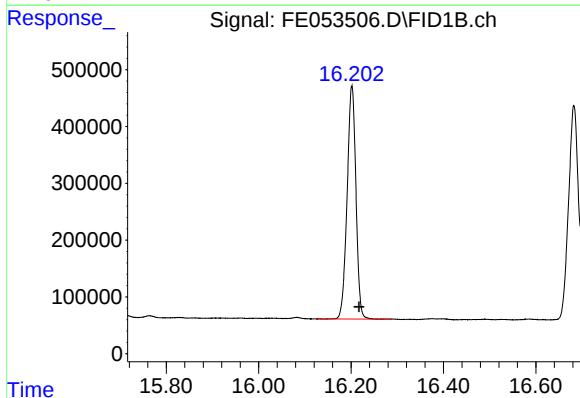
R.T.: 14.073 min
Delta R.T.: -0.015 min
Response: 5695338
Conc: 39.47 ug/ml

Instrument :
FID_E
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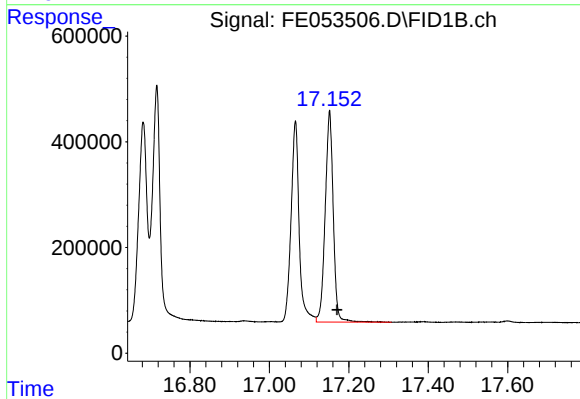
#14 n-Tetracosane (C24)

R.T.: 15.166 min
Delta R.T.: -0.028 min
Response: 11431160
Conc: 79.58 ug/ml



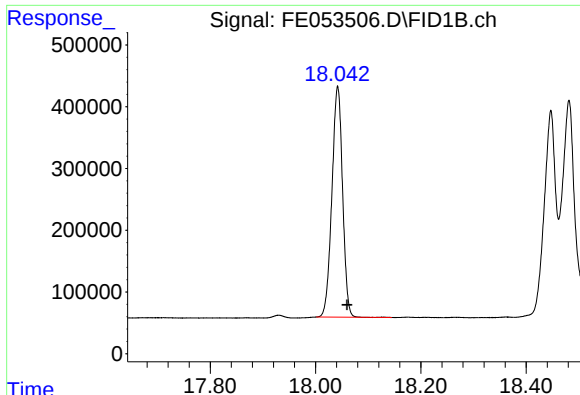
#15 n-Hexacosane (C26)

R.T.: 16.202 min
Delta R.T.: -0.016 min
Response: 5438042
Conc: 38.40 ug/ml



#16 n-Octacosane (C28)

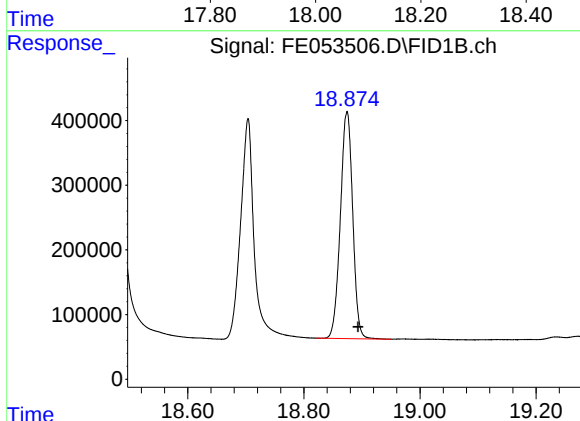
R.T.: 17.151 min
Delta R.T.: -0.019 min
Response: 5627094
Conc: 40.45 ug/ml



#17 n-Tricontane (C30)

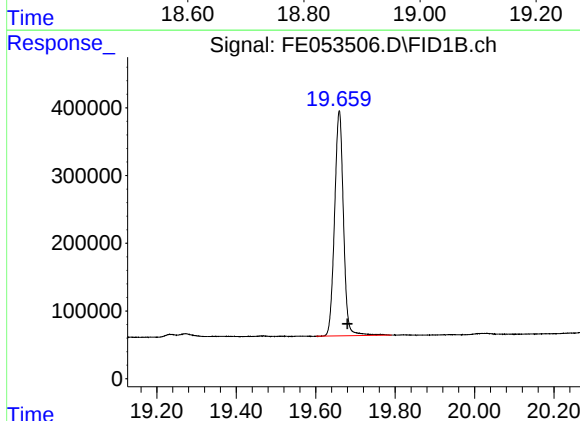
R.T.: 18.042 min
Delta R.T.: -0.018 min
Response: 5250684
Conc: 37.72 ug/ml

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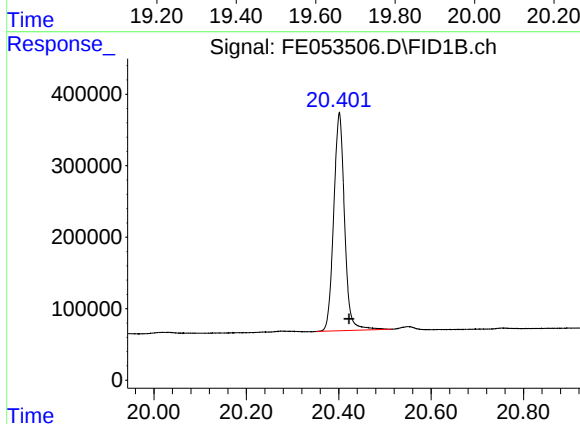
#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: -0.019 min
Response: 5177864
Conc: 37.71 ug/ml



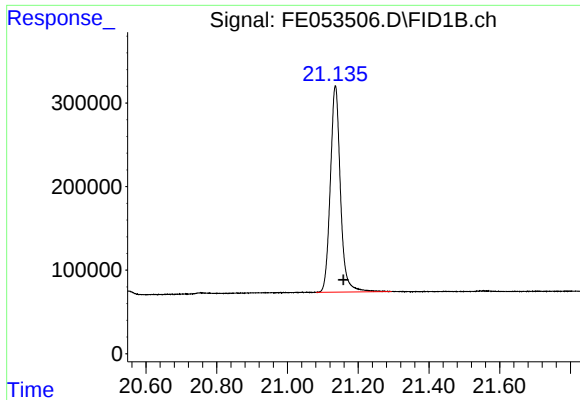
#19 n-Tetratriacontane (C34)

R.T.: 19.659 min
Delta R.T.: -0.021 min
Response: 5170917
Conc: 39.69 ug/ml



#20 n-Hexatriacontane (C36)

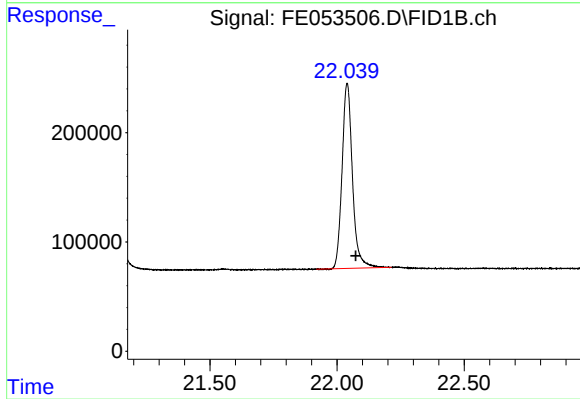
R.T.: 20.401 min
Delta R.T.: -0.021 min
Response: 4976961
Conc: 39.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.135 min
Delta R.T.: -0.023 min
Response: 4888336
Conc: 40.12 ug/ml

Instrument :
FID_E
ClientSampleId :
ETGI-278MSD



#22 n-Tetracontane (C40)

R.T.: 22.039 min
Delta R.T.: -0.034 min
Response: 4812226
Conc: 40.30 ug/ml