

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020223AL\
 Data File : FE040170.D
 Signal(s) : FID1B.ch
 Acq On : 02 Feb 2023 01:38
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Feb 02 04:48:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:44:16 2023
 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)	11.901	7658424	48.807 ug/ml
Spiked Amount 50.000		Recovery =	97.61%
12) S 1-chlorooctadecane (S...	13.338	5900317	48.764 ug/ml
Spiked Amount 50.000		Recovery =	97.53%
Target Compounds			
1) T n-Nonane (C9)	3.294	6558724	49.175 ug/ml
2) T n-Decane (C10)	4.543	6431064	49.085 ug/ml
3) T A~Naphthalene (C11.7)	6.244	7318408	49.186 ug/ml
4) T n-Dodecane (C12)	6.707	6537790	49.120 ug/ml
5) T A~2-methylnaphthalene...	7.340	6904988	49.337 ug/ml
6) T n-Tetradecane (C14)	8.534	6664913	49.088 ug/ml
7) T n-Hexadecane (C16)	10.141	6917185	49.110 ug/ml
8) T n-Octadecane (C18)	11.584	7080250	48.997 ug/ml
10) T n-Eicosane (C20)	12.893	6930914	48.844 ug/ml
11) T n-Heneicosane (C21)	13.505	6946986	48.774 ug/ml
13) T n-Docosane (C22)	14.091	6910937	48.686 ug/ml
14) T n-Tetracosane (C24)	15.195	6915663	48.413 ug/ml
15) T n-Hexacosane (C26)	16.216	6705413	48.354 ug/ml
16) T n-Octacosane (C28)	17.166	6607680	48.123 ug/ml
17) T n-Tricontane (C30)	18.056	6444935	48.001 ug/ml
18) T n-Dotriacontane (C32)	18.888	6389522	48.141 ug/ml
19) T n-Tetratriacontane (C34)	19.674	6190170	48.520 ug/ml
20) T n-Hexatriacontane (C36)	20.414	6075030	48.918 ug/ml
21) T n-Octatriacontane (C38)	21.147	5972971	48.645 ug/ml
22) T n-Tetracontane (C40)	22.046	6105408	48.470 ug/ml

(f)=RT Delta > 1/2 Window

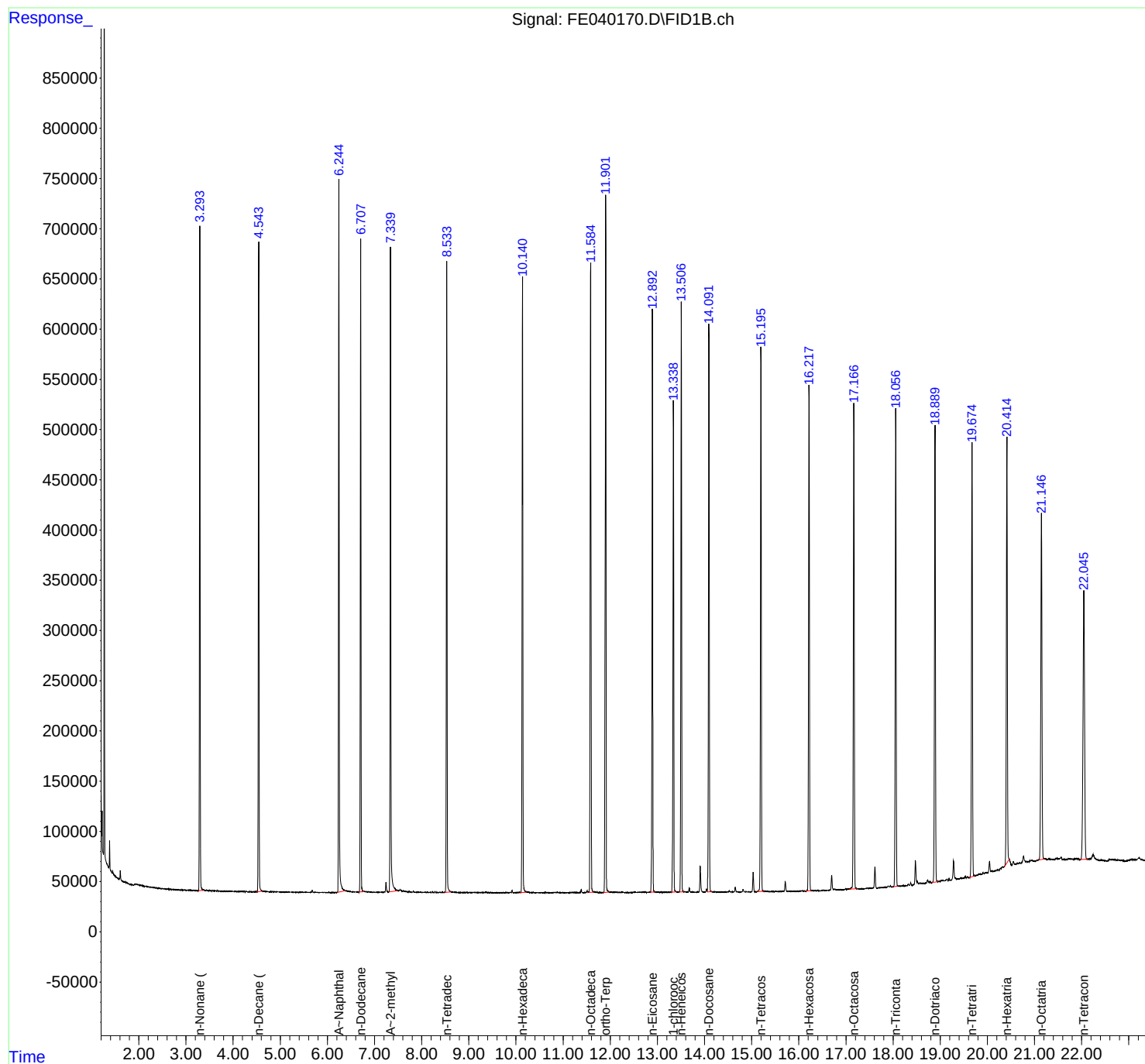
(m)=manual int.

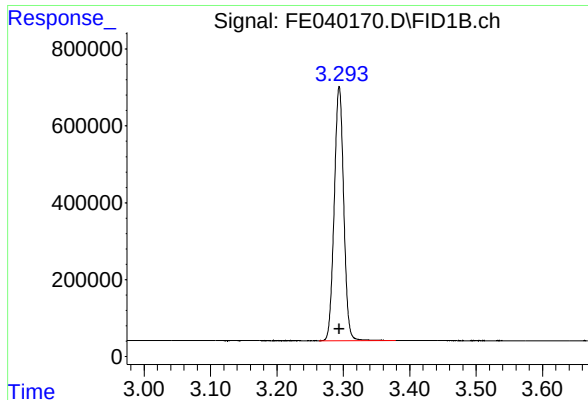
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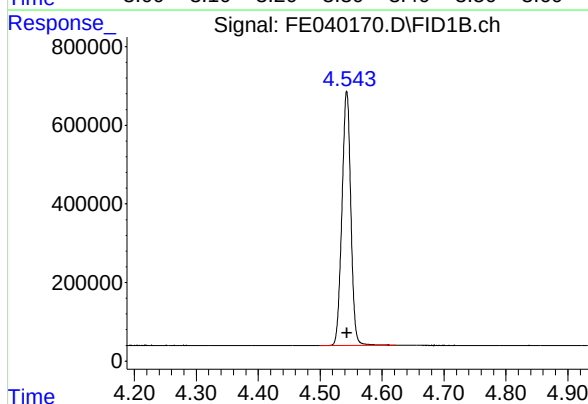




#1 n-Nonane (C9)

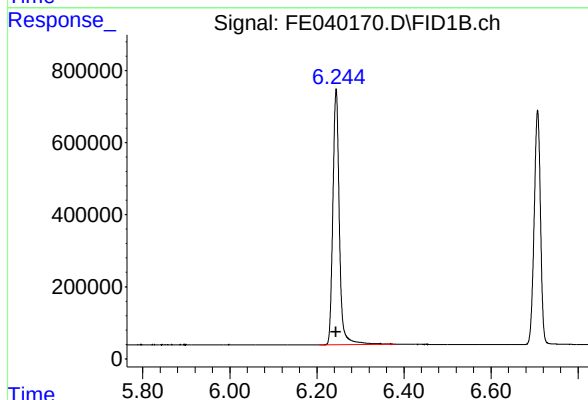
R.T.: 3.294 min
Delta R.T.: 0.000 min
Response: 6558724
Conc: 49.17 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



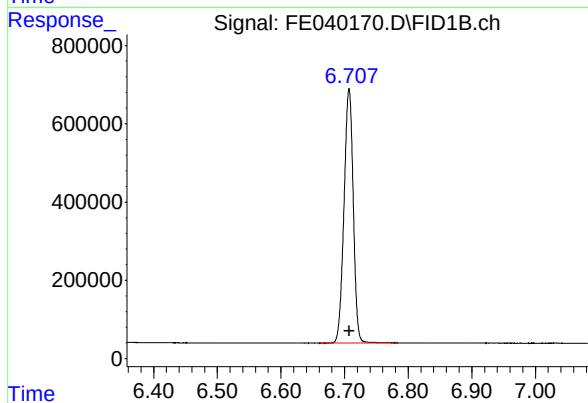
#2 n-Decane (C10)

R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 6431064
Conc: 49.09 ug/ml



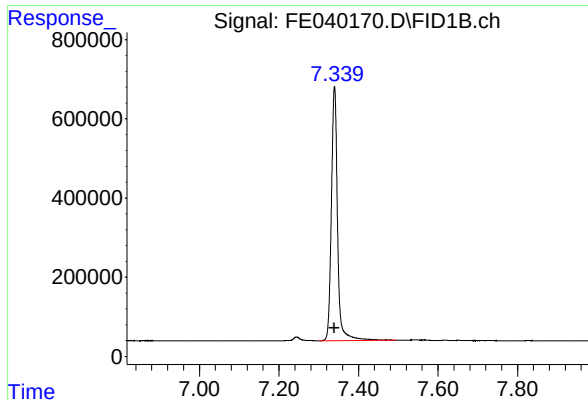
#3 A~Naphthalene (C11.7)

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 7318408
Conc: 49.19 ug/ml



#4 n-Dodecane (C12)

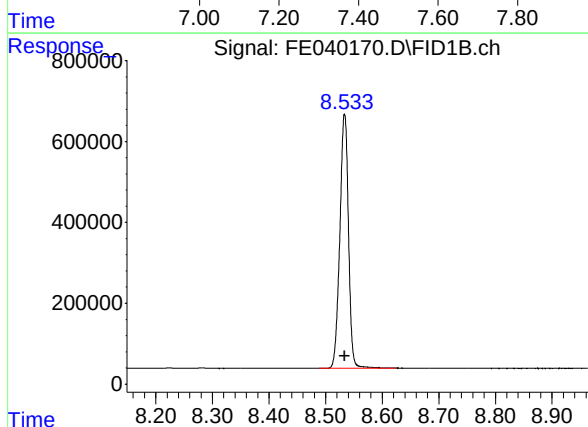
R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 6537790
Conc: 49.12 ug/ml



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

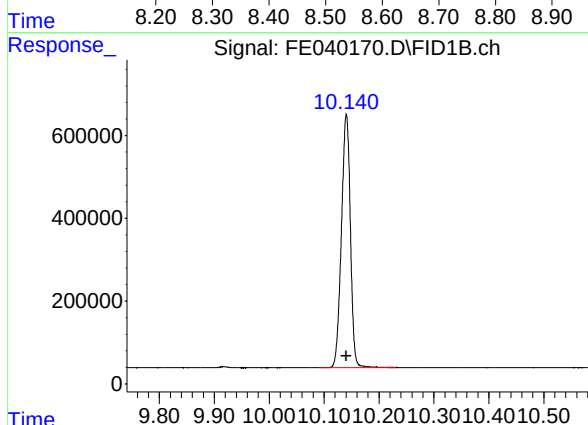
R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 6904988
Conc: 49.34 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



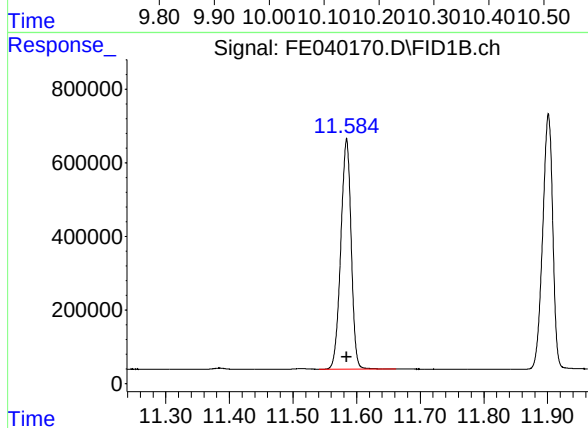
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: 0.000 min
Response: 6664913
Conc: 49.09 ug/ml



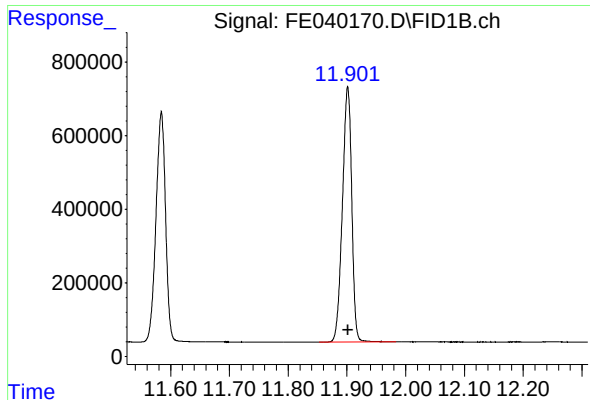
#7 n-Hexadecane (C16)

R.T.: 10.141 min
Delta R.T.: 0.000 min
Response: 6917185
Conc: 49.11 ug/ml



#8 n-Octadecane (C18)

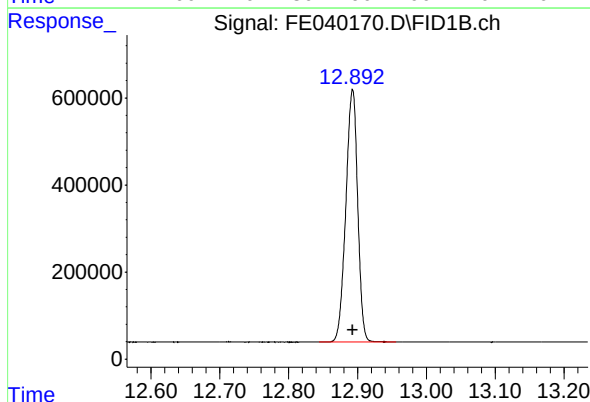
R.T.: 11.584 min
Delta R.T.: 0.000 min
Response: 7080250
Conc: 49.00 ug/ml



#9 ortho-Terphenyl (SURR)

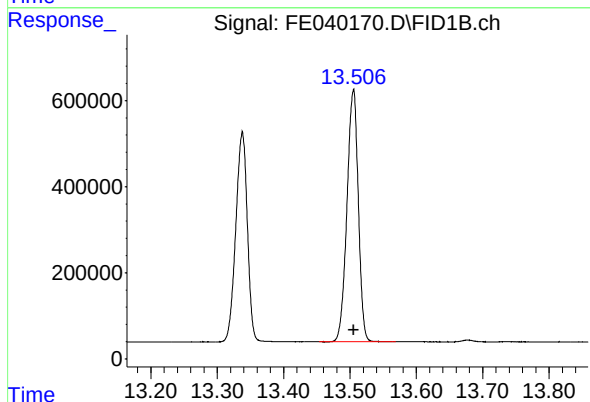
R.T.: 11.901 min
Delta R.T.: 0.000 min
Response: 7658424
Conc: 48.81 ug/ml

Instrument :
FID_E
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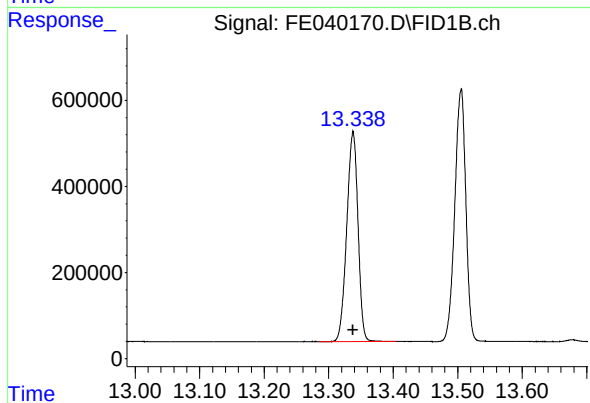
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: 0.000 min
Response: 6930914
Conc: 48.84 ug/ml



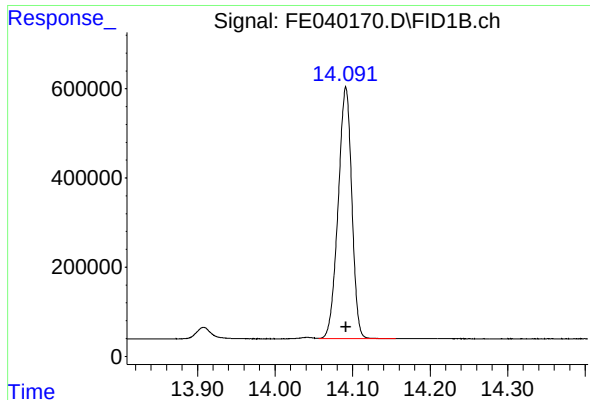
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: 0.000 min
Response: 6946986
Conc: 48.77 ug/ml



#12 1-chlorooctadecane (SURR)

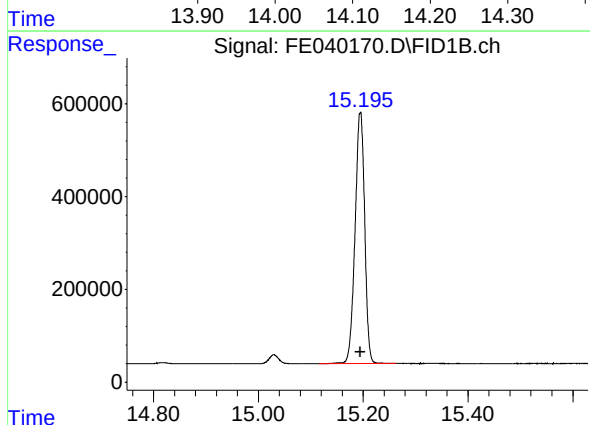
R.T.: 13.338 min
Delta R.T.: 0.000 min
Response: 5900317
Conc: 48.76 ug/ml



#13 n-Docosane (C22)

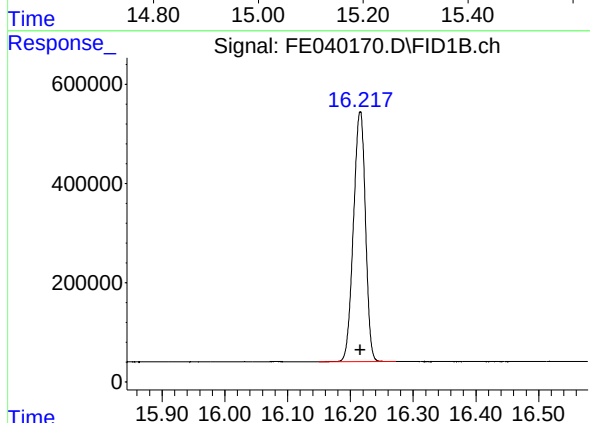
R.T.: 14.091 min
Delta R.T.: 0.000 min
Response: 6910937
Conc: 48.69 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



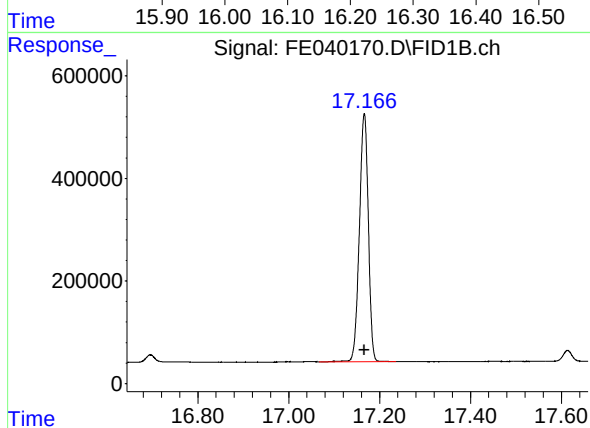
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: 0.000 min
Response: 6915663
Conc: 48.41 ug/ml



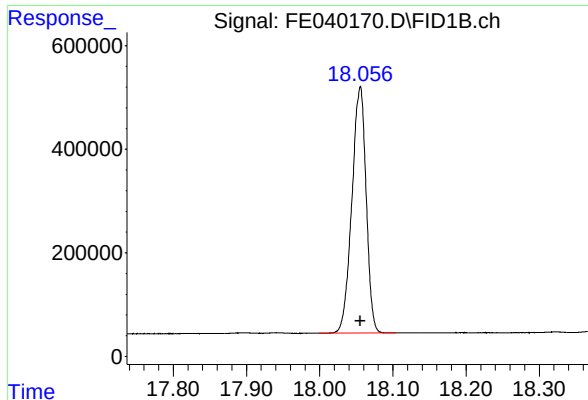
#15 n-Hexacosane (C26)

R.T.: 16.216 min
Delta R.T.: 0.000 min
Response: 6705413
Conc: 48.35 ug/ml



#16 n-Octacosane (C28)

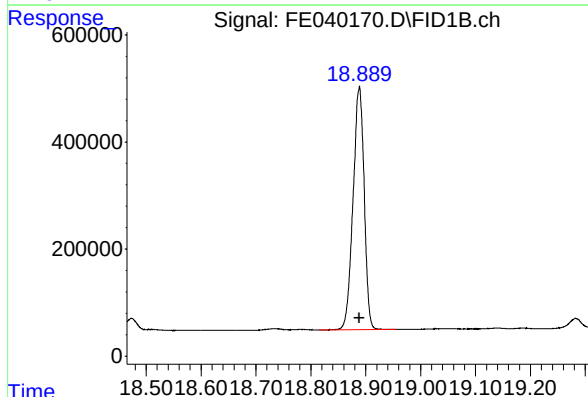
R.T.: 17.166 min
Delta R.T.: 0.000 min
Response: 6607680
Conc: 48.12 ug/ml



#17 n-Tricontane (C30)

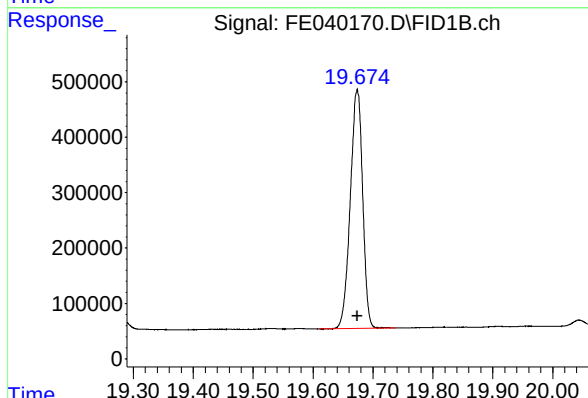
R.T.: 18.056 min
Delta R.T.: 0.000 min
Response: 6444935
Conc: 48.00 ug/ml

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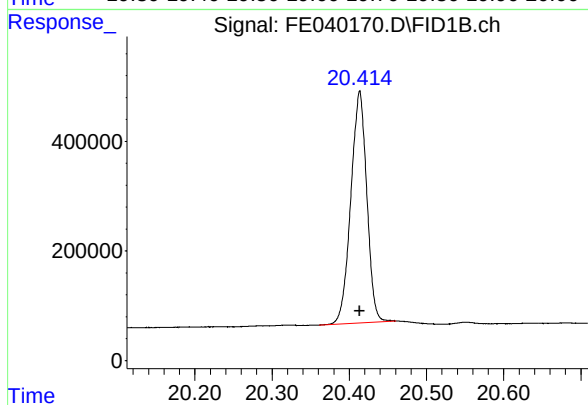
#18 n-Dotriacontane (C32)

R.T.: 18.888 min
Delta R.T.: 0.000 min
Response: 6389522
Conc: 48.14 ug/ml



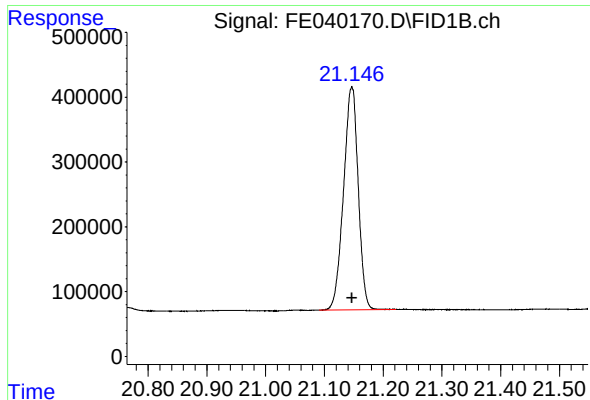
#19 n-Tetatriacontane (C34)

R.T.: 19.674 min
Delta R.T.: 0.000 min
Response: 6190170
Conc: 48.52 ug/ml



#20 n-Hexatriacontane (C36)

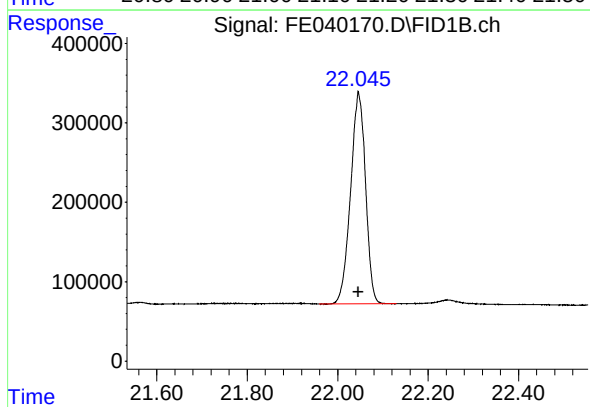
R.T.: 20.414 min
Delta R.T.: 0.000 min
Response: 6075030
Conc: 48.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.147 min
Delta R.T.: 0.000 min
Response: 5972971
Conc: 48.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.046 min
Delta R.T.: 0.000 min
Response: 6105408
Conc: 48.47 ug/ml