

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040125AL\
 Data File : FE053120.D
 Signal(s) : FID1B.ch
 Acq On : 02 Apr 2025 06:29
 Operator : YP\AJ
 Sample : PB167416BSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167416BSD

Integration File: autoint1.e
 Quant Time: Apr 02 07:15:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.892	6750631	41.445 ug/ml
Spiked Amount 50.000		Recovery =	82.89%
12) S 1-chlorooctadecane (S...	13.336	5131363	42.746 ug/ml
Spiked Amount 50.000		Recovery =	85.49%
Target Compounds			
1) T n-Nonane (C9)	3.250	6680905	43.147 ug/ml
2) T n-Decane (C10)	4.507	7033168	44.838 ug/ml
3) T A~Naphthalene (C11.7)	6.214	7635694	45.453 ug/ml
4) T n-Dodecane (C12)	6.682	7139370	45.648 ug/ml
5) T A~2-methylnaphthalene...	7.315	6821728	42.753 ug/ml
6) T n-Tetradecane (C14)	8.518	6930246	45.261 ug/ml
7) T n-Hexadecane (C16)	10.129	6843578	44.396 ug/ml
8) T n-Octadecane (C18)	11.577	6642122	43.794 ug/ml
10) T n-Eicosane (C20)	12.891	6667975	46.768 ug/ml
11) T n-Heneicosane (C21)	13.505	6366070	45.875 ug/ml
13) T n-Docosane (C22)	14.092	6279919	45.854 ug/ml
14) T n-Tetracosane (C24)	15.187	13101660	97.007 ug/ml
15) T n-Hexacosane (C26)	16.223	6190965	46.407 ug/ml
16) T n-Octacosane (C28)	17.173	6406687	48.547 ug/ml
17) T n-Tricontane (C30)	18.064	6268947	46.252 ug/ml
18) T n-Dotriacontane (C32)	18.896	6276268	46.642 ug/ml
19) T n-Tetratriacontane (C34)	19.682	6483538	50.106 ug/ml
20) T n-Hexatriacontane (C36)	20.424	6383817	53.740 ug/ml
21) T n-Octatriacontane (C38)	21.163	6652041	57.876 ug/ml
22) T n-Tetracontane (C40)	22.075	6490144	57.786 ug/ml

(f)=RT Delta > 1/2 Window

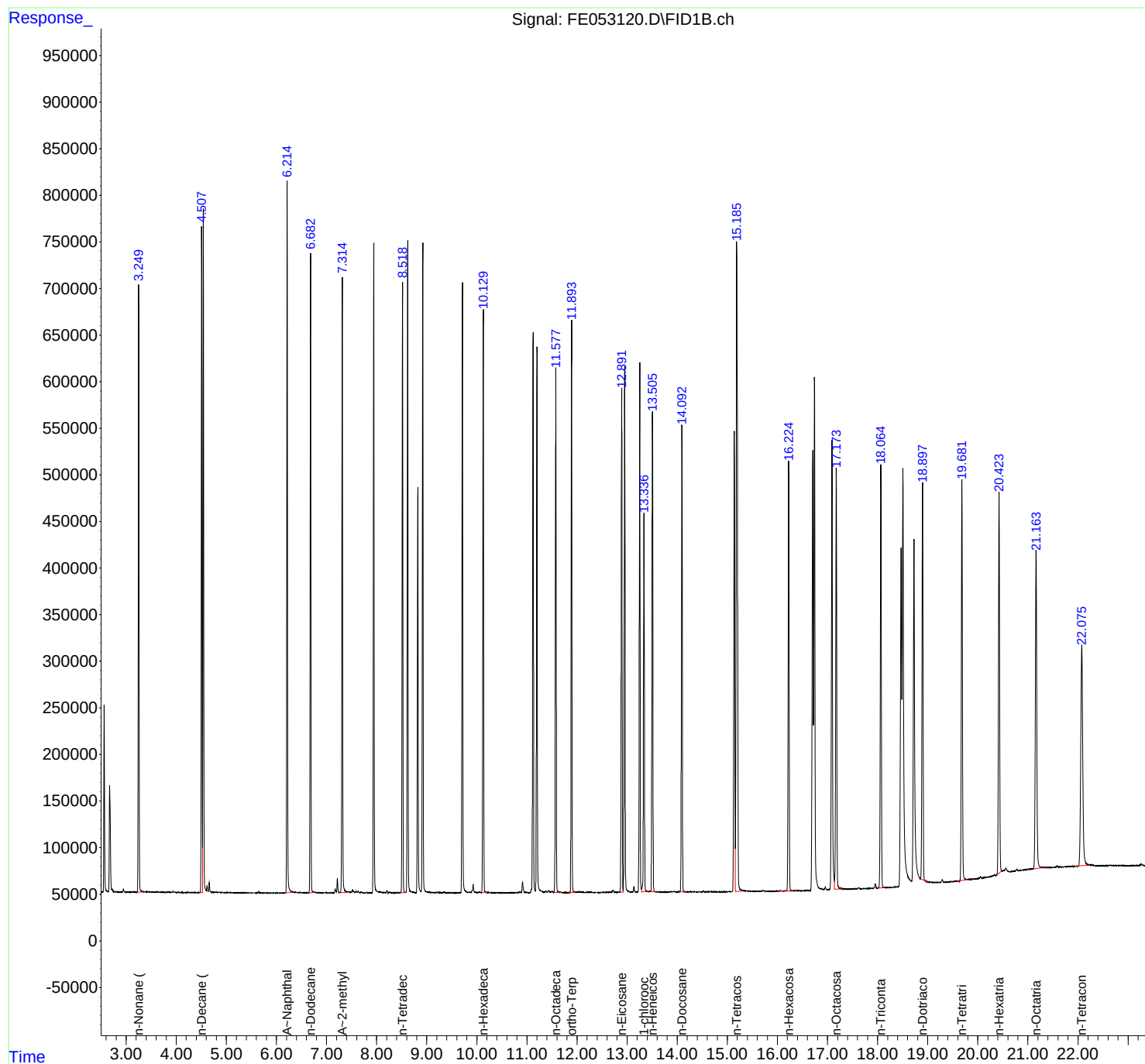
(m)=manual int.

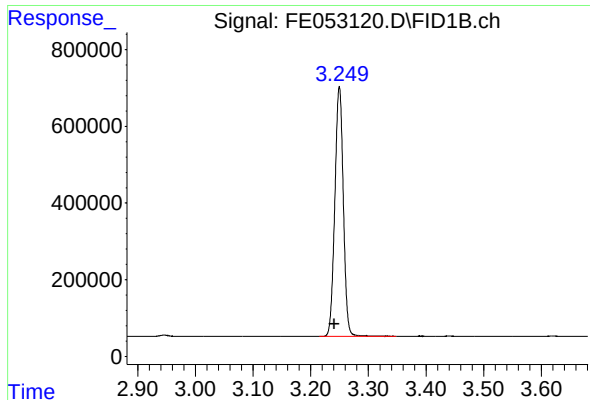
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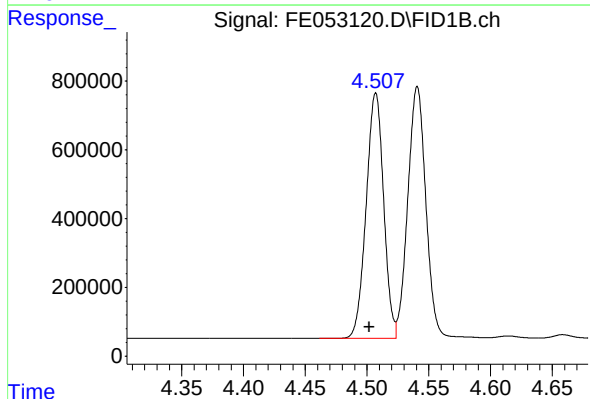




#1 n-Nonane (C9)

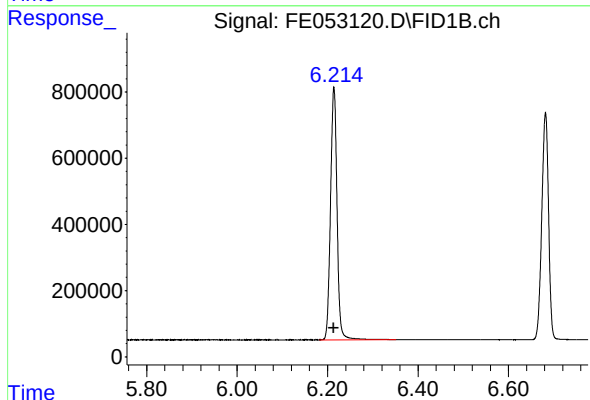
R.T.: 3.250 min
Delta R.T.: 0.009 min
Response: 6680905
Conc: 43.15 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167416BSD



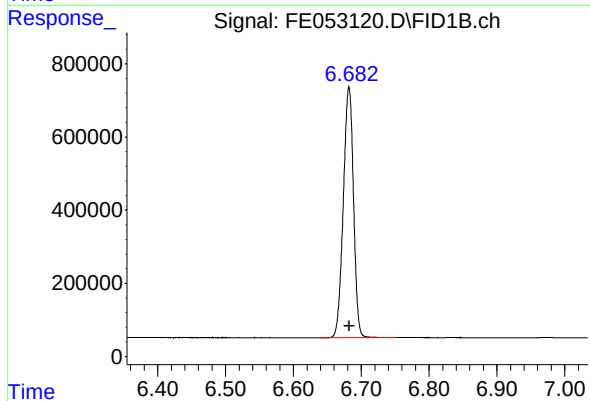
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: 0.005 min
Response: 7033168
Conc: 44.84 ug/ml



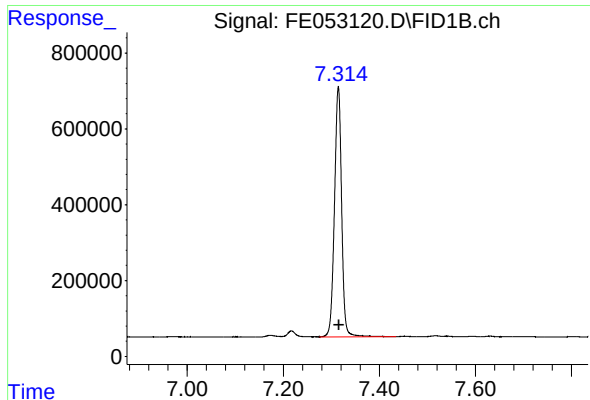
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 7635694
Conc: 45.45 ug/ml



#4 n-Dodecane (C12)

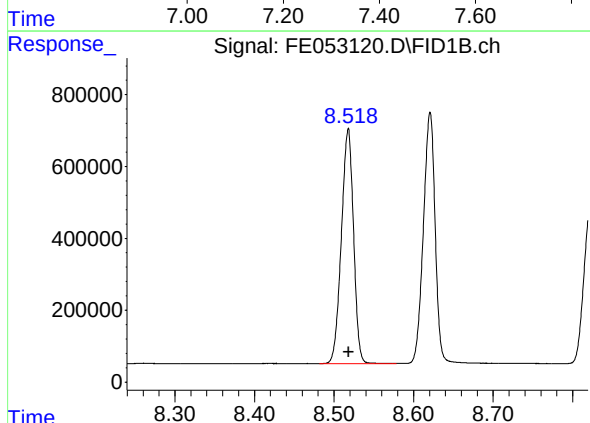
R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 7139370
Conc: 45.65 ug/ml



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

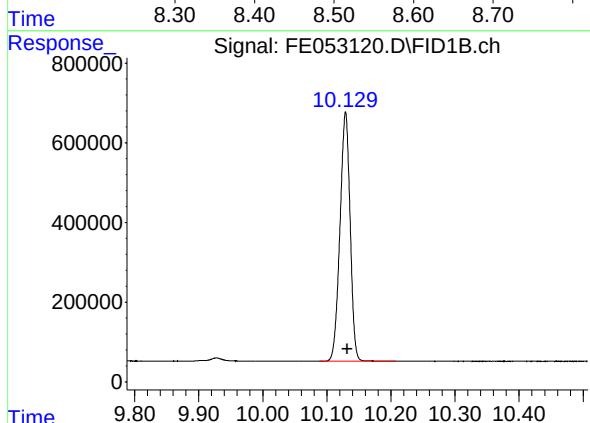
R.T.: 7.315 min
Delta R.T.: -0.002 min
Response: 6821728
Conc: 42.75 ug/ml

Instrument :
FID_E
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PB167416BSD



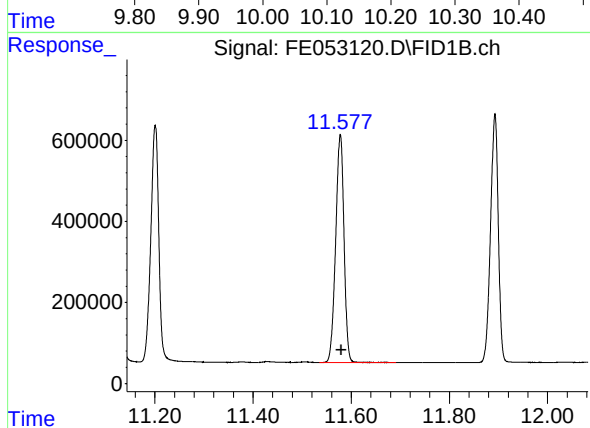
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 6930246
Conc: 45.26 ug/ml



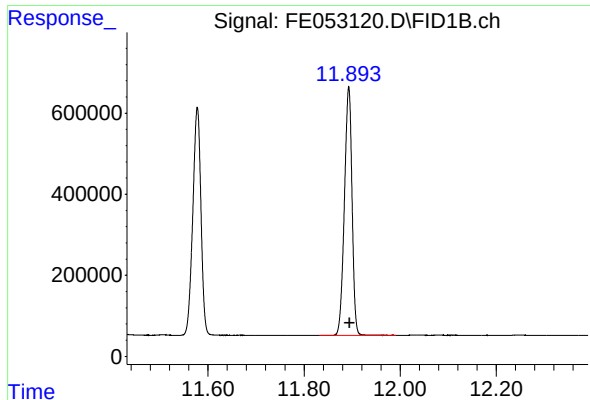
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: -0.003 min
Response: 6843578
Conc: 44.40 ug/ml



#8 n-Octadecane (C18)

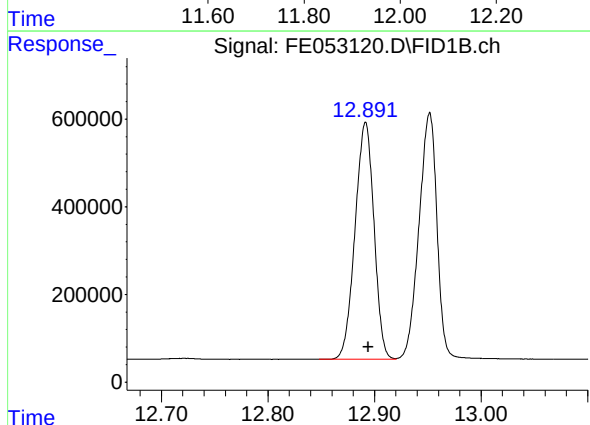
R.T.: 11.577 min
Delta R.T.: -0.003 min
Response: 6642122
Conc: 43.79 ug/ml



#9 ortho-Terphenyl (SURR)

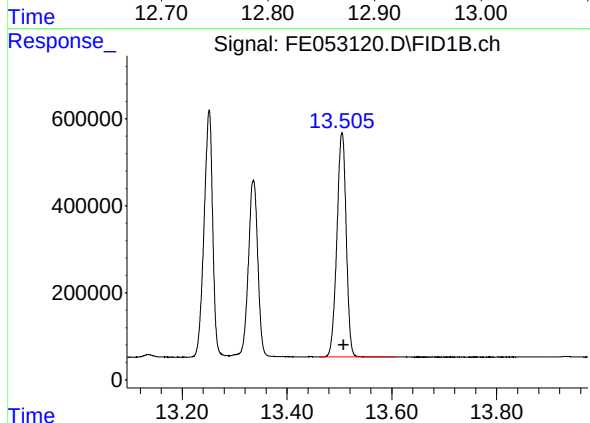
R.T.: 11.892 min
Delta R.T.: -0.003 min
Response: 6750631
Conc: 41.44 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167416BSD



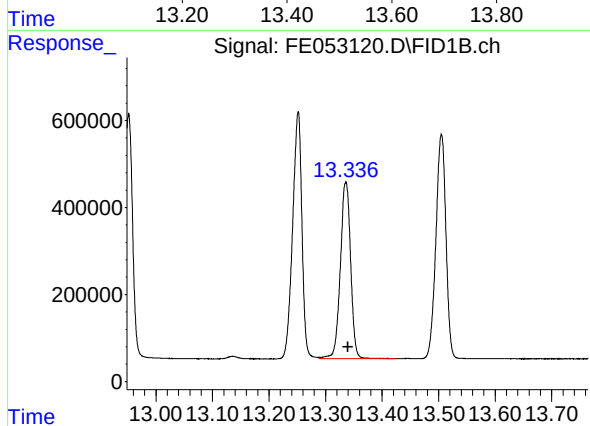
#10 n-Eicosane (C20)

R.T.: 12.891 min
Delta R.T.: -0.003 min
Response: 6667975
Conc: 46.77 ug/ml



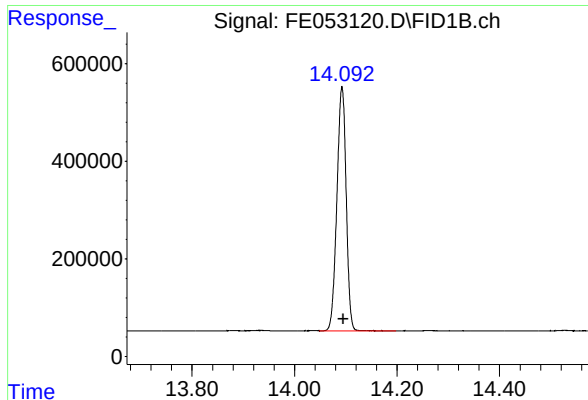
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: -0.003 min
Response: 6366070
Conc: 45.87 ug/ml



#12 1-chlorooctadecane (SURR)

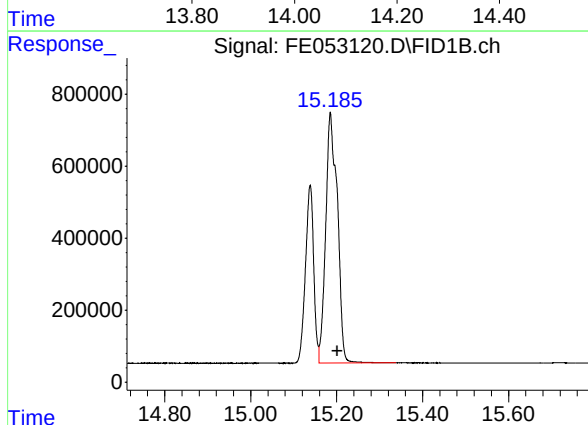
R.T.: 13.336 min
Delta R.T.: -0.004 min
Response: 5131363
Conc: 42.75 ug/ml



#13 n-Docosane (C22)

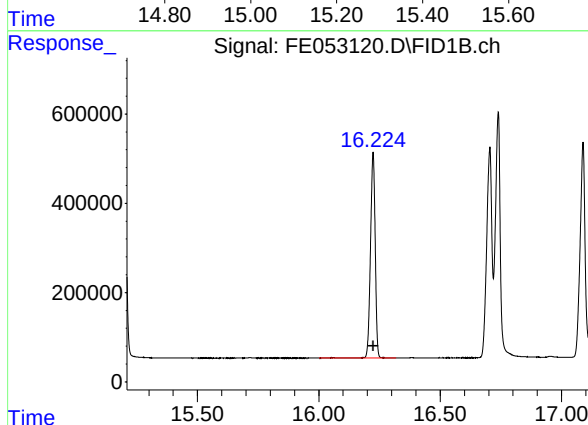
R.T.: 14.092 min
Delta R.T.: -0.003 min
Response: 6279919
Conc: 45.85 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167416BSD



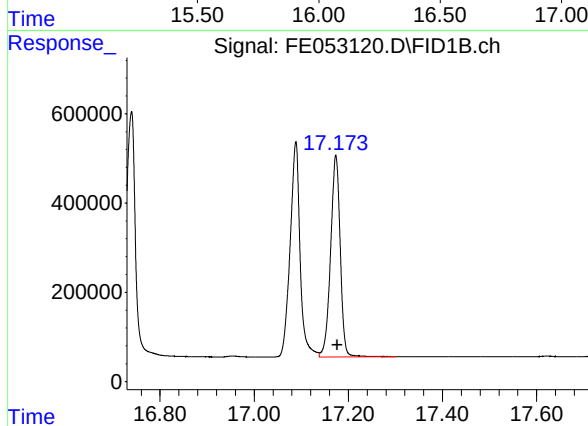
#14 n-Tetracosane (C24)

R.T.: 15.187 min
Delta R.T.: -0.014 min
Response: 13101660
Conc: 97.01 ug/ml



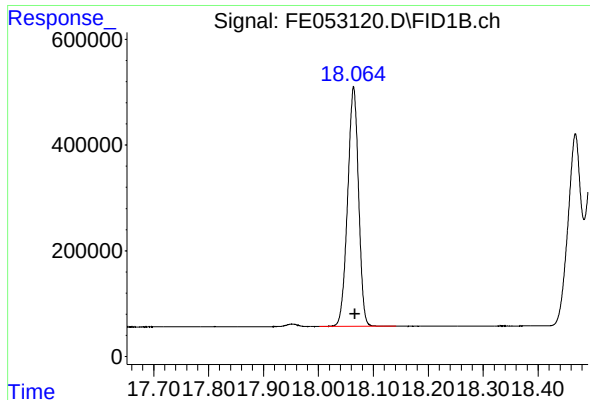
#15 n-Hexacosane (C26)

R.T.: 16.223 min
Delta R.T.: -0.002 min
Response: 6190965
Conc: 46.41 ug/ml



#16 n-Octacosane (C28)

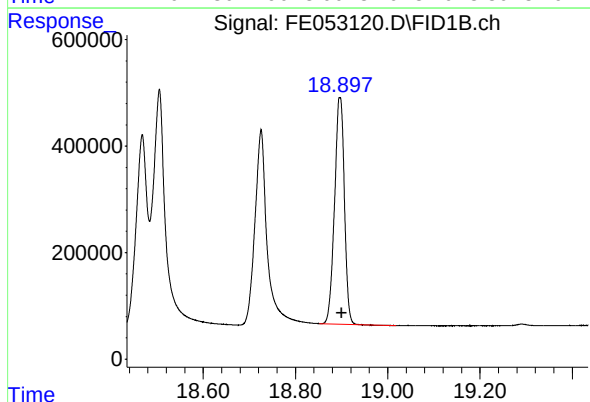
R.T.: 17.173 min
Delta R.T.: -0.003 min
Response: 6406687
Conc: 48.55 ug/ml



#17 n-Tricontane (C30)

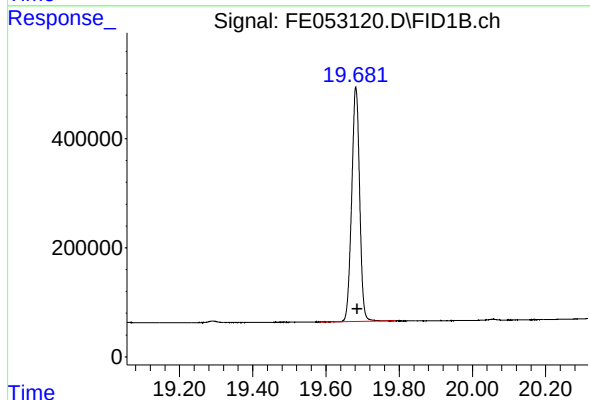
R.T.: 18.064 min
Delta R.T.: -0.003 min
Response: 6268947
Conc: 46.25 ug/ml

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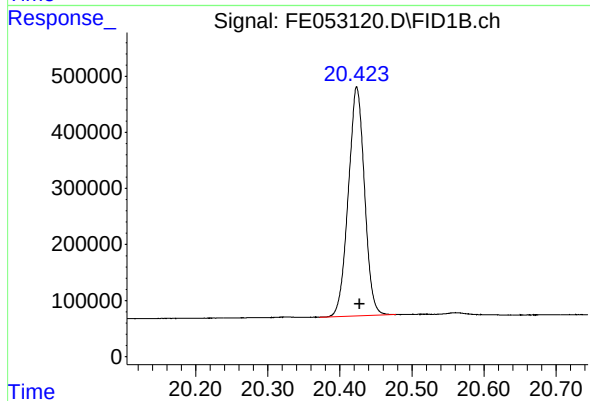
#18 n-Dotriacontane (C32)

R.T.: 18.896 min
Delta R.T.: -0.004 min
Response: 6276268
Conc: 46.64 ug/ml



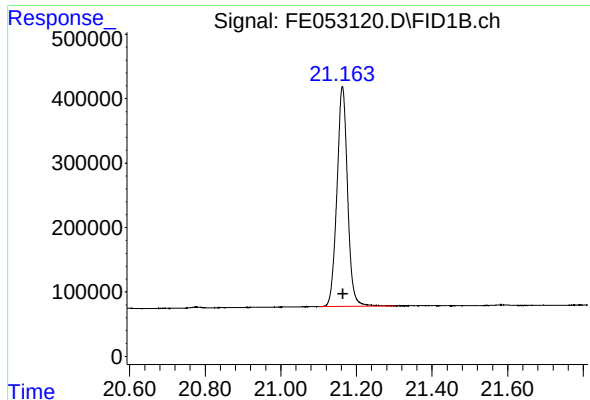
#19 n-Tetratriacontane (C34)

R.T.: 19.682 min
Delta R.T.: -0.004 min
Response: 6483538
Conc: 50.11 ug/ml



#20 n-Hexatriacontane (C36)

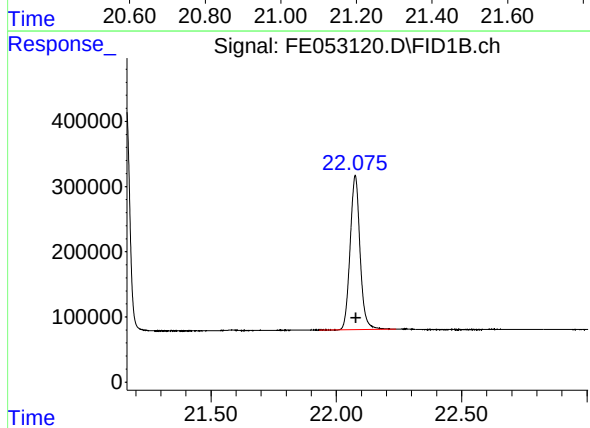
R.T.: 20.424 min
Delta R.T.: -0.004 min
Response: 6383817
Conc: 53.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.163 min
Delta R.T.: -0.002 min
Response: 6652041
Conc: 57.88 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167416BSD



#22 n-Tetracontane (C40)

R.T.: 22.075 min
Delta R.T.: -0.003 min
Response: 6490144
Conc: 57.79 ug/ml