

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032525AL\
 Data File : FE052956.D
 Signal(s) : FID1B.ch
 Acq On : 25 Mar 2025 14:54
 Operator : YP\AJ
 Sample : PB167292BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167292BSD

Integration File: autoint1.e
 Quant Time: Mar 26 03:23:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.906	5197594	30.830 ug/ml
Spiked Amount 50.000		Recovery =	61.66%
12) S 1-chlorooctadecane (S...	13.351	3947645	32.511 ug/ml
Spiked Amount 50.000		Recovery =	65.02%
Target Compounds			
1) T n-Nonane (C9)	3.261	7288884	47.010 ug/ml
2) T n-Decane (C10)	4.517	7648040	48.684 ug/ml
3) T A~Naphthalene (C11.7)	6.224	8358310	49.285 ug/ml
4) T n-Dodecane (C12)	6.691	7727050	49.628 ug/ml
5) T A~2-methylnaphthalene...	7.327	7558783	46.643 ug/ml
6) T n-Tetradecane (C14)	8.529	7667028	50.671 ug/ml
7) T n-Hexadecane (C16)	10.142	7450917	48.735 ug/ml
8) T n-Octadecane (C18)	11.591	7332555	48.196 ug/ml
10) T n-Eicosane (C20)	12.907	7315075	50.388 ug/ml
11) T n-Heneicosane (C21)	13.520	6971736	48.983 ug/ml
13) T n-Docosane (C22)	14.109	6895751	48.456 ug/ml
14) T n-Tetracosane (C24)	15.208	14039301	98.102 ug/ml
15) T n-Hexacosane (C26)	16.241	6669141	46.902 ug/ml
16) T n-Octacosane (C28)	17.191	6784797	47.715 ug/ml
17) T n-Tricontane (C30)	18.085	6726559	45.542 ug/ml
18) T n-Dotriacontane (C32)	18.918	6714802	46.252 ug/ml
19) T n-Tetratriacontane (C34)	19.703	6884365	51.079 ug/ml
20) T n-Hexatriacontane (C36)	20.446	6686443	56.272 ug/ml
21) T n-Octatriacontane (C38)	21.189	6739467	60.751 ug/ml
22) T n-Tetracontane (C40)	22.110	6754720	62.477 ug/ml

(f)=RT Delta > 1/2 Window

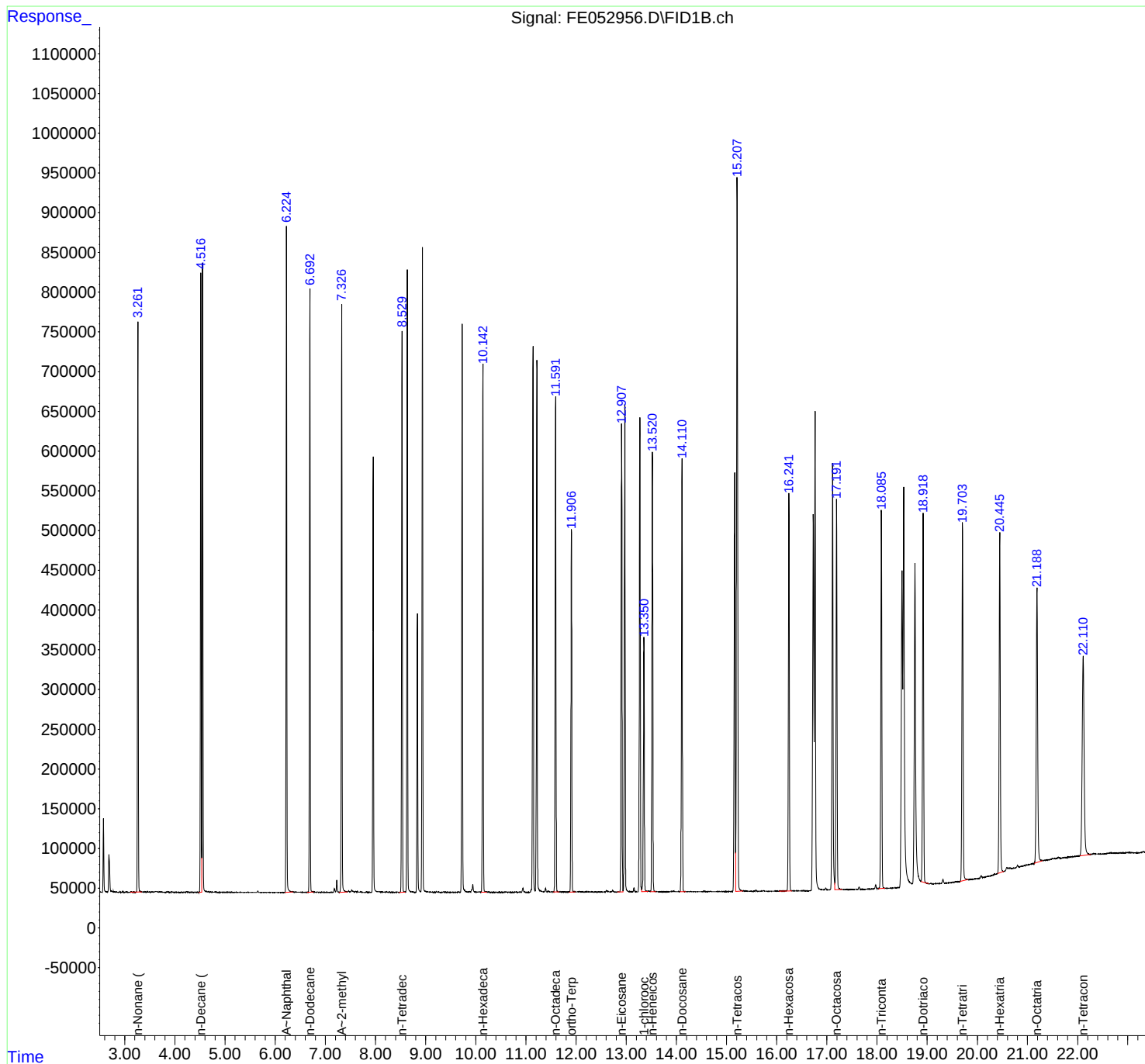
(m)=manual int.

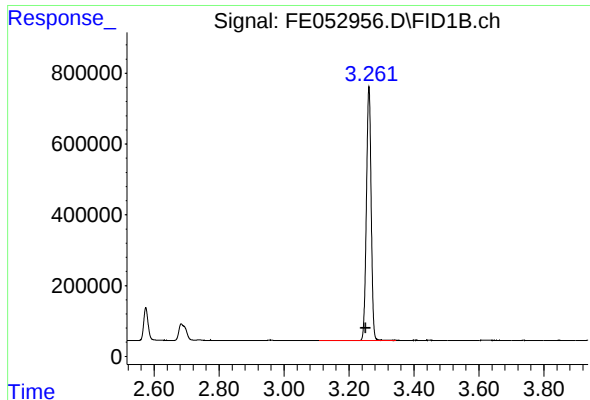
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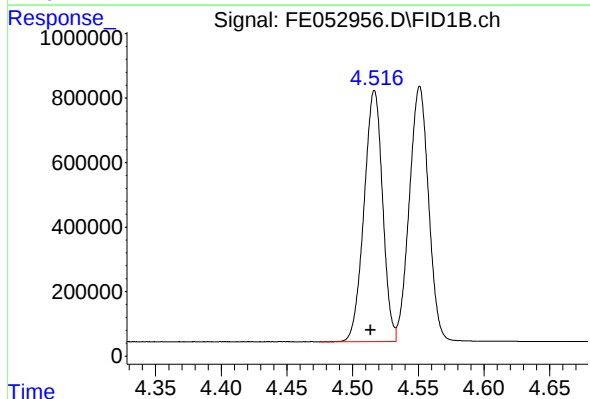




#1 n-Nonane (C9)

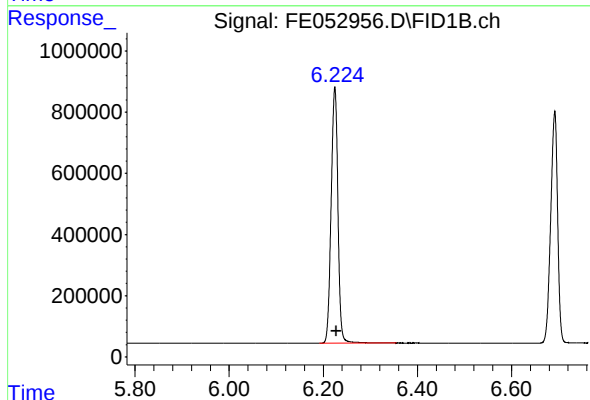
R.T.: 3.261 min
Delta R.T.: 0.009 min
Response: 7288884
Conc: 47.01 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167292BSD



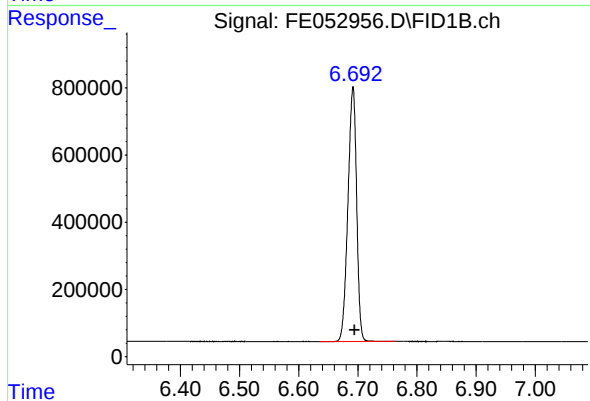
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.003 min
Response: 7648040
Conc: 48.68 ug/ml



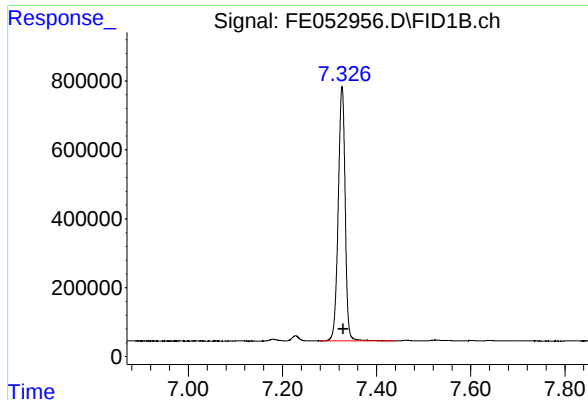
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.003 min
Response: 8358310
Conc: 49.28 ug/ml



#4 n-Dodecane (C12)

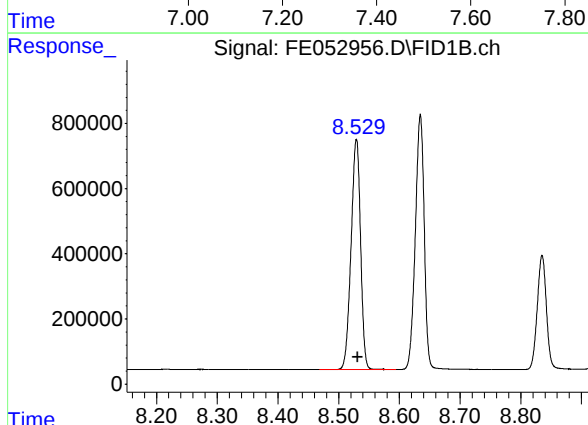
R.T.: 6.691 min
Delta R.T.: -0.003 min
Response: 7727050
Conc: 49.63 ug/ml



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

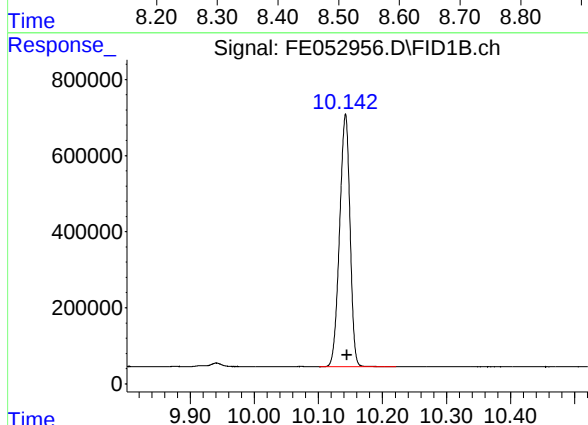
R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 7558783
Conc: 46.64 ug/ml

Instrument :
FID_E
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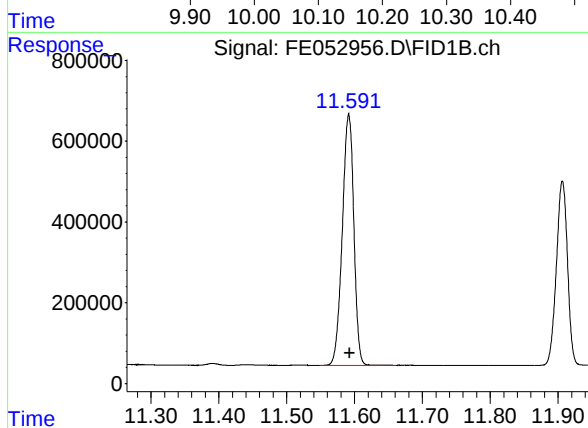
#6 n-Tetradecane (C14)

R.T.: 8.529 min
Delta R.T.: -0.002 min
Response: 7667028
Conc: 50.67 ug/ml



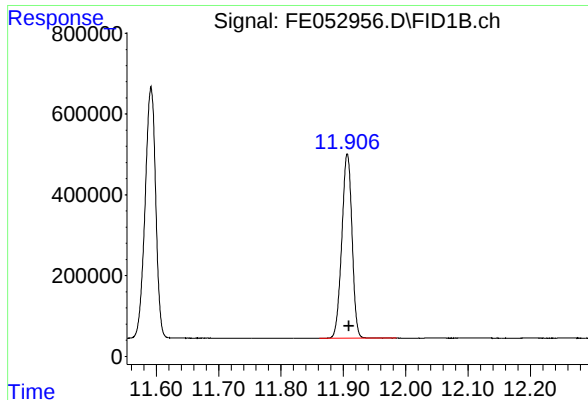
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.002 min
Response: 7450917
Conc: 48.73 ug/ml



#8 n-Octadecane (C18)

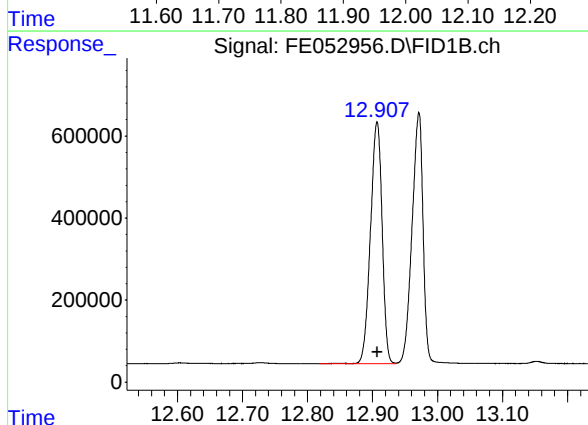
R.T.: 11.591 min
Delta R.T.: -0.002 min
Response: 7332555
Conc: 48.20 ug/ml



#9 ortho-Terphenyl (SURR)

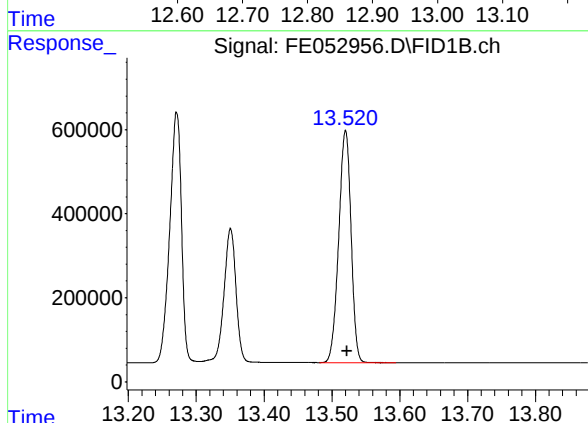
R.T.: 11.906 min
Delta R.T.: -0.002 min
Response: 5197594
Conc: 30.83 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167292BSD



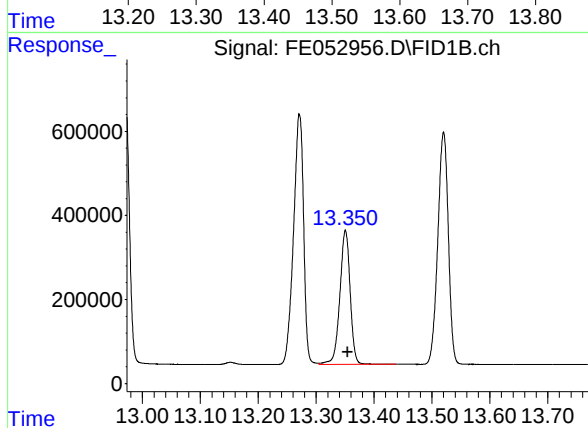
#10 n-Eicosane (C20)

R.T.: 12.907 min
Delta R.T.: 0.000 min
Response: 7315075
Conc: 50.39 ug/ml



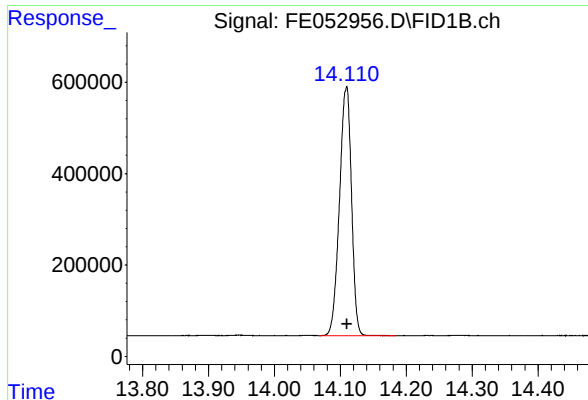
#11 n-Heneicosane (C21)

R.T.: 13.520 min
Delta R.T.: -0.002 min
Response: 6971736
Conc: 48.98 ug/ml



#12 1-chlorooctadecane (SURR)

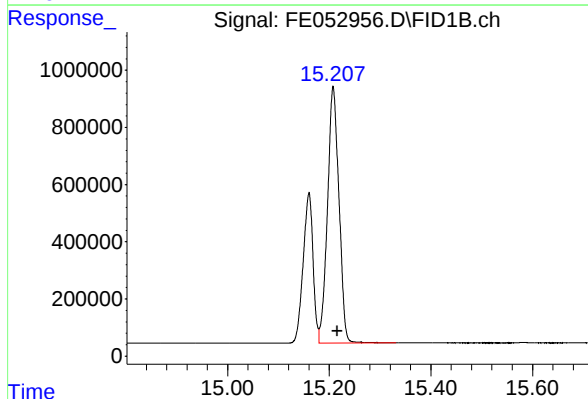
R.T.: 13.351 min
Delta R.T.: -0.003 min
Response: 3947645
Conc: 32.51 ug/ml



#13 n-Docosane (C22)

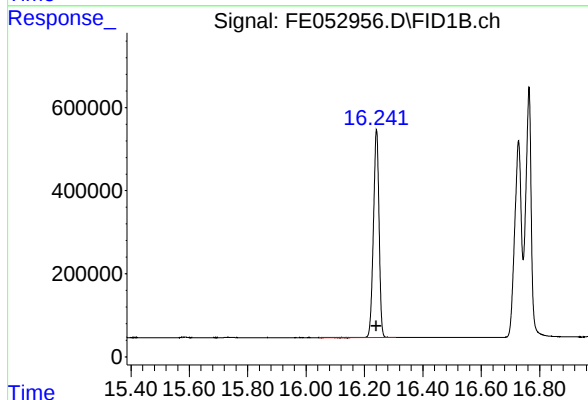
R.T.: 14.109 min
Delta R.T.: -0.001 min
Response: 6895751
Conc: 48.46 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167292BSD



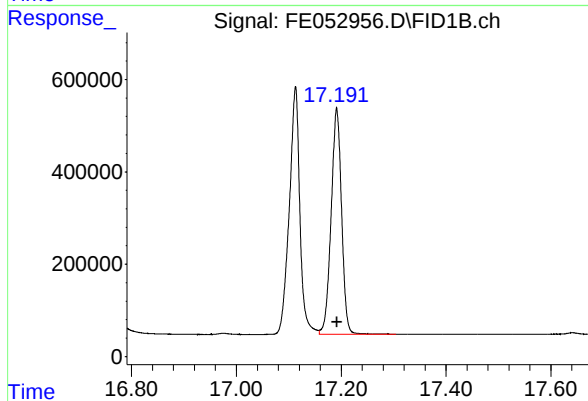
#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: -0.008 min
Response: 14039301
Conc: 98.10 ug/ml



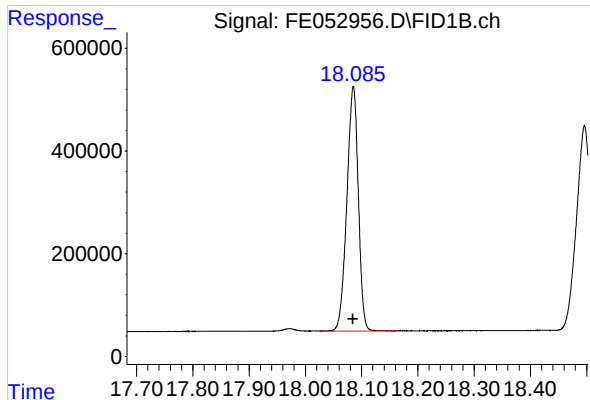
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 6669141
Conc: 46.90 ug/ml



#16 n-Octacosane (C28)

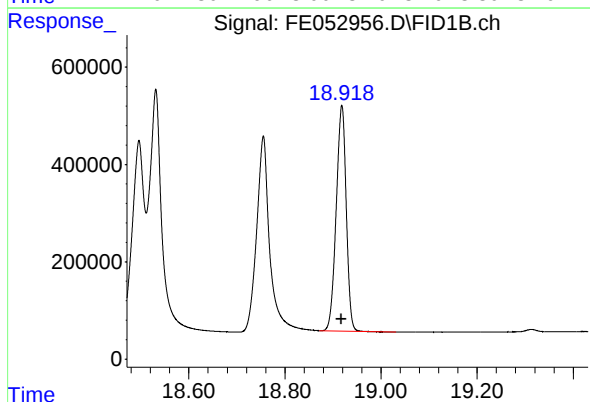
R.T.: 17.191 min
Delta R.T.: 0.000 min
Response: 6784797
Conc: 47.71 ug/ml



#17 n-Tricontane (C30)

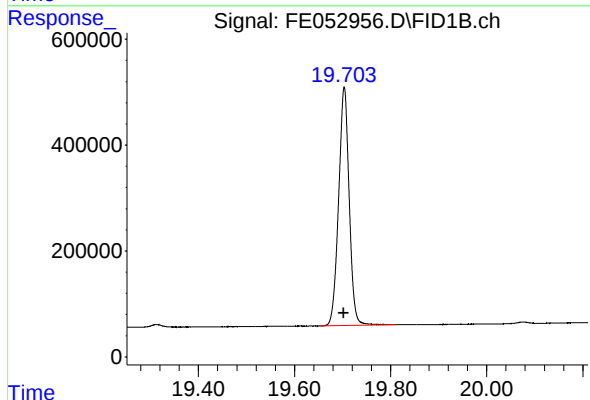
R.T.: 18.085 min
Delta R.T.: 0.000 min
Response: 6726559
Conc: 45.54 ug/ml

Instrument :
FID_E
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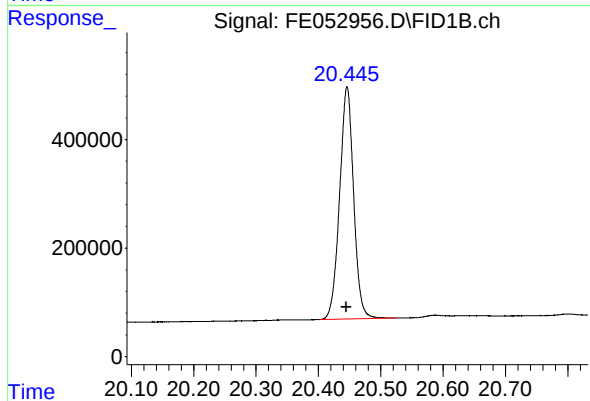
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: 0.000 min
Response: 6714802
Conc: 46.25 ug/ml



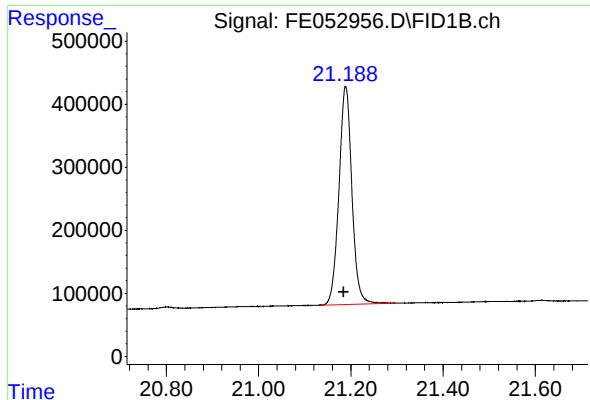
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: 0.000 min
Response: 6884365
Conc: 51.08 ug/ml



#20 n-Hexatriacontane (C36)

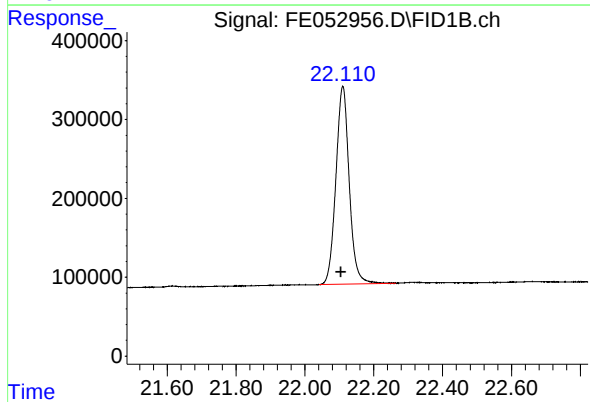
R.T.: 20.446 min
Delta R.T.: 0.000 min
Response: 6686443
Conc: 56.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: 0.004 min
Response: 6739467
Conc: 60.75 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167292BSD



#22 n-Tetracontane (C40)

R.T.: 22.110 min
Delta R.T.: 0.005 min
Response: 6754720
Conc: 62.48 ug/ml