

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
 Data File : FE053077.D
 Signal(s) : FID1B.ch
 Acq On : 31 Mar 2025 18:03
 Operator : YP\AJ
 Sample : Q1675-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 P2MSD

Integration File: autoint1.e
 Quant Time: Apr 01 01:41:34 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)	11.899	5448289	33.449 ug/ml
Spiked Amount 50.000		Recovery =	66.90%
12) S 1-chlorooctadecane (S...	13.344	4113814	34.269 ug/ml
Spiked Amount 50.000		Recovery =	68.54%
Target Compounds			
1) T n-Nonane (C9)	3.262	6319015	40.810 ug/ml
2) T n-Decane (C10)	4.514	6440840	41.062 ug/ml
3) T A~Naphthalene (C11.7)	6.219	6744332	40.147 ug/ml
4) T n-Dodecane (C12)	6.686	6359870	40.664 ug/ml
5) T A~2-methylnaphthalene...	7.320	5994223	37.567 ug/ml
6) T n-Tetradecane (C14)	8.522	6151627	40.176 ug/ml
7) T n-Hexadecane (C16)	10.135	6071129	39.385 ug/ml
8) T n-Octadecane (C18)	11.584	5900788	38.907 ug/ml
10) T n-Eicosane (C20)	12.899	5952544	41.750 ug/ml
11) T n-Heneicosane (C21)	13.513	5663869	40.815 ug/ml
13) T n-Docosane (C22)	14.101	5652872	41.275 ug/ml
14) T n-Tetracosane (C24)	15.199	11816156	87.489 ug/ml
15) T n-Hexacosane (C26)	16.233	5534293	41.484 ug/ml
16) T n-Octacosane (C28)	17.184	5849580	44.326 ug/ml
17) T n-Tricontane (C30)	18.076	5692589	41.999 ug/ml
18) T n-Dotriacontane (C32)	18.909	5609377	41.686 ug/ml
19) T n-Tetratriacontane (C34)	19.696	5864542	45.322 ug/ml
20) T n-Hexatriacontane (C36)	20.439	5720100	48.153 ug/ml
21) T n-Octatriacontane (C38)	21.181	5942422	51.702 ug/ml
22) T n-Tetracontane (C40)	22.100	5817162	51.794 ug/ml

(f)=RT Delta > 1/2 Window

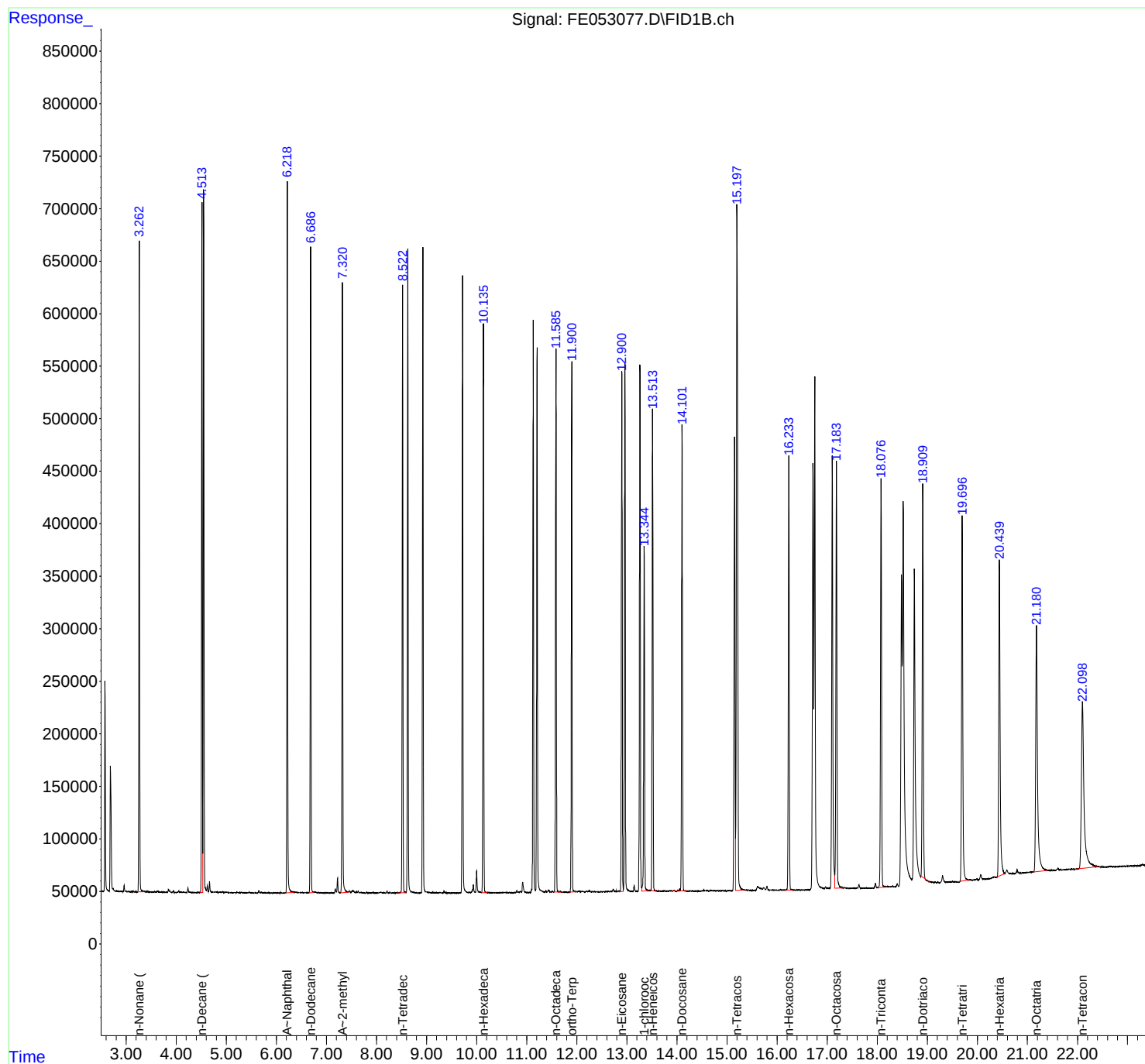
(m)=manual int.

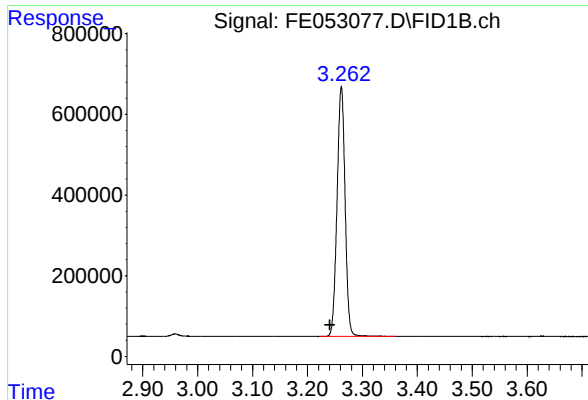
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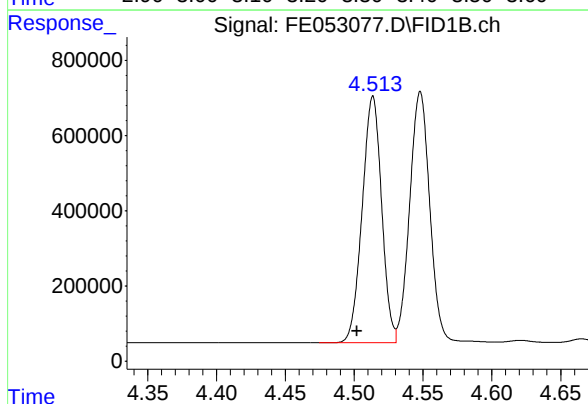




#1 n-Nonane (C9)

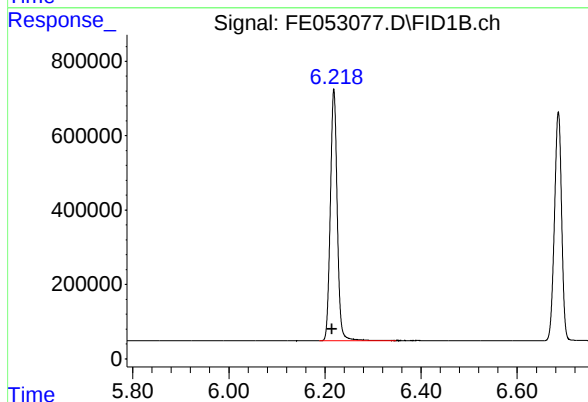
R.T.: 3.262 min
Delta R.T.: 0.021 min
Response: 6319015
Conc: 40.81 ug/ml

Instrument :
FID_E
ClientSampleId :
P2MSD



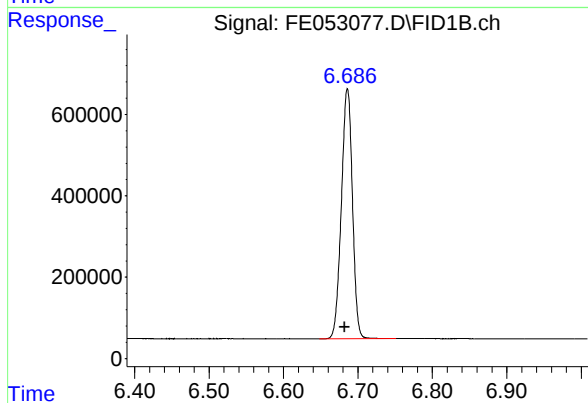
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.012 min
Response: 6440840
Conc: 41.06 ug/ml



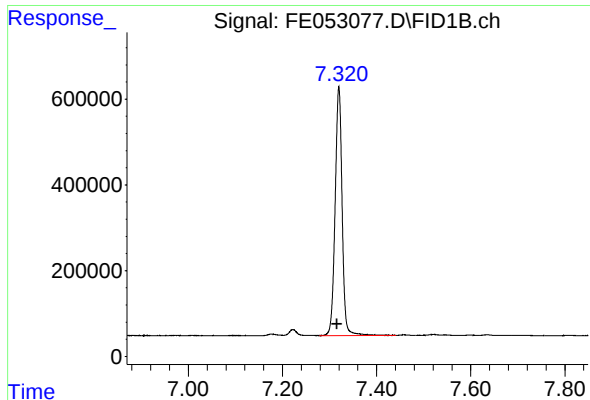
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min
Delta R.T.: 0.004 min
Response: 6744332
Conc: 40.15 ug/ml



#4 n-Dodecane (C12)

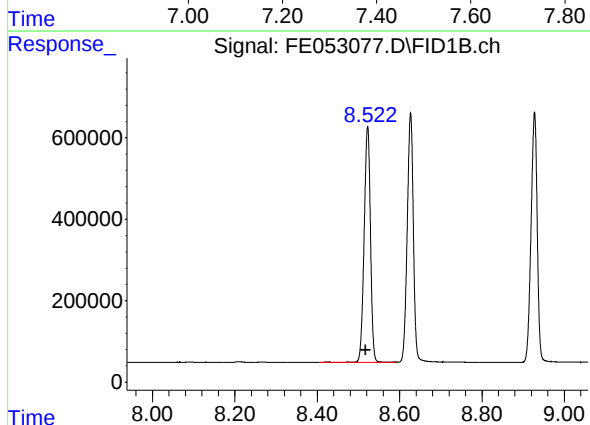
R.T.: 6.686 min
Delta R.T.: 0.004 min
Response: 6359870
Conc: 40.66 ug/ml



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

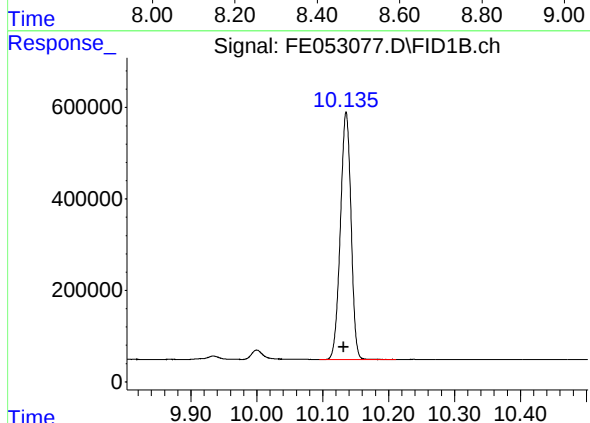
R.T.: 7.320 min
Delta R.T.: 0.004 min
Response: 5994223
Conc: 37.57 ug/ml

Instrument :
FID_E
ClientSampleId :
P2MSD



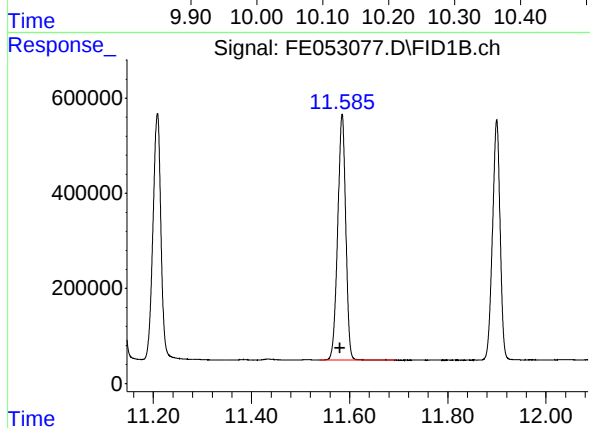
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: 0.004 min
Response: 6151627
Conc: 40.18 ug/ml



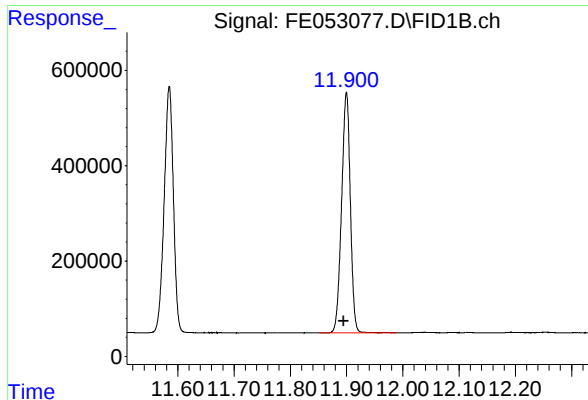
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: 0.003 min
Response: 6071129
Conc: 39.39 ug/ml



#8 n-Octadecane (C18)

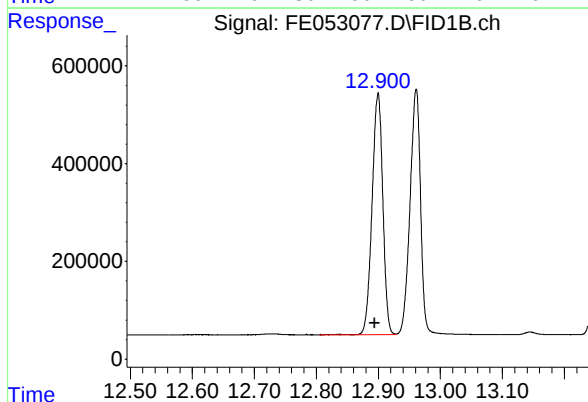
R.T.: 11.584 min
Delta R.T.: 0.004 min
Response: 5900788
Conc: 38.91 ug/ml



#9 ortho-Terphenyl (SURR)

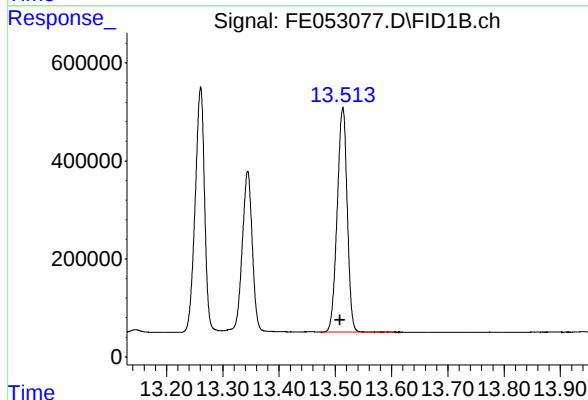
R.T.: 11.899 min
Delta R.T.: 0.004 min
Response: 5448289
Conc: 33.45 ug/ml

Instrument :
FID_E
ClientSampleId :
P2MSD



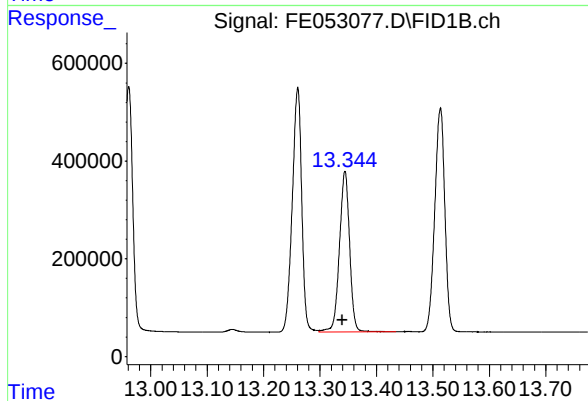
#10 n-Eicosane (C20)

R.T.: 12.899 min
Delta R.T.: 0.005 min
Response: 5952544
Conc: 41.75 ug/ml



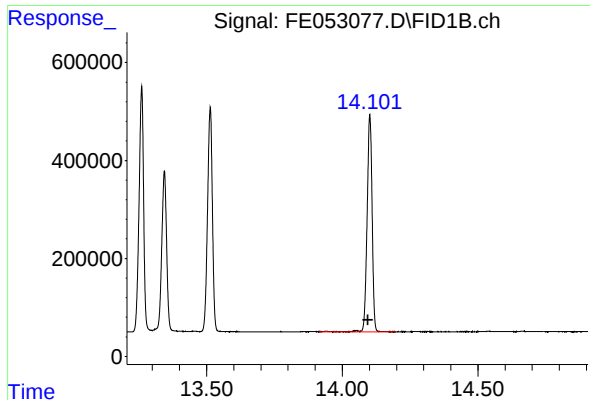
#11 n-Heneicosane (C21)

R.T.: 13.513 min
Delta R.T.: 0.005 min
Response: 5663869
Conc: 40.81 ug/ml



#12 1-chlorooctadecane (SURR)

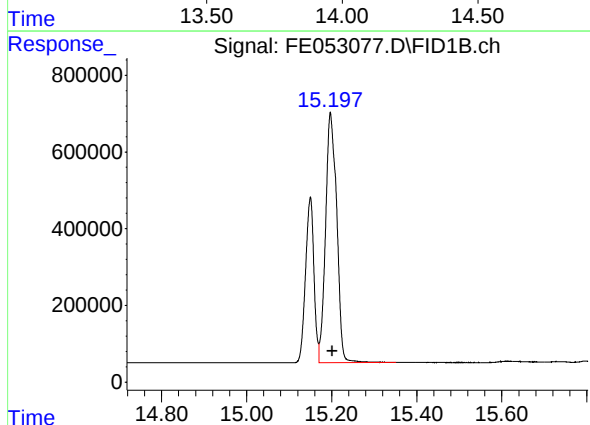
R.T.: 13.344 min
Delta R.T.: 0.004 min
Response: 4113814
Conc: 34.27 ug/ml



#13 n-Docosane (C22)

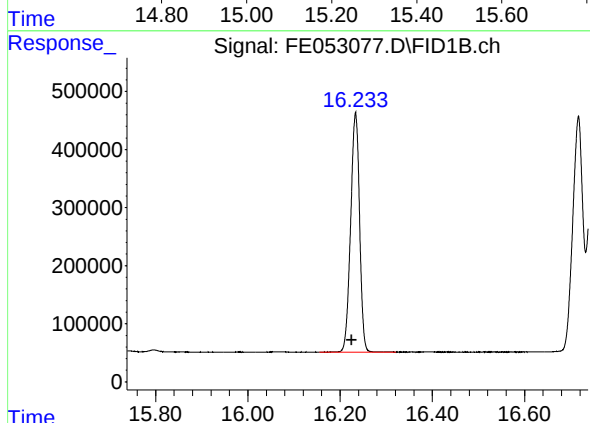
R.T.: 14.101 min
Delta R.T.: 0.006 min
Response: 5652872
Conc: 41.28 ug/ml

Instrument :
FID_E
ClientSampleId :
P2MSD



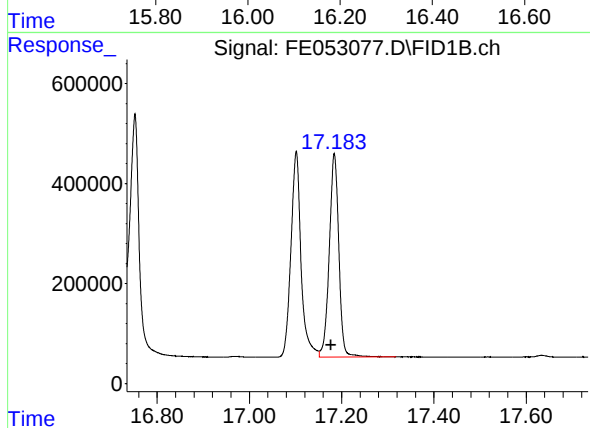
#14 n-Tetracosane (C24)

R.T.: 15.199 min
Delta R.T.: -0.003 min
Response: 11816156
Conc: 87.49 ug/ml



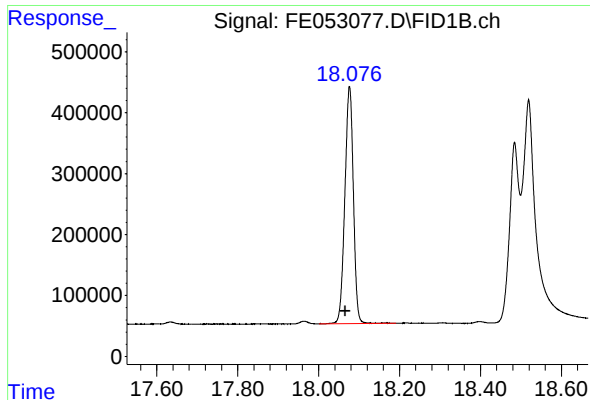
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: 0.008 min
Response: 5534293
Conc: 41.48 ug/ml



#16 n-Octacosane (C28)

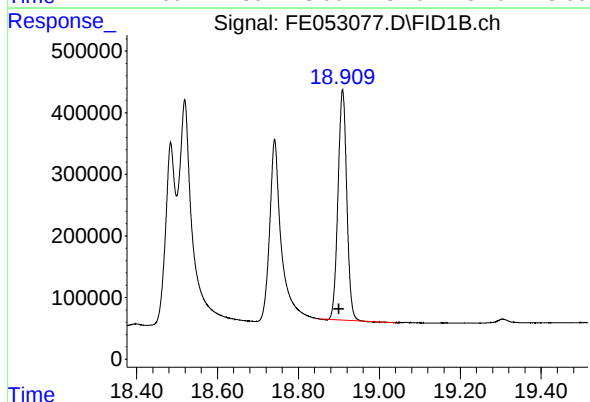
R.T.: 17.184 min
Delta R.T.: 0.007 min
Response: 5849580
Conc: 44.33 ug/ml



#17 n-Tricontane (C30)

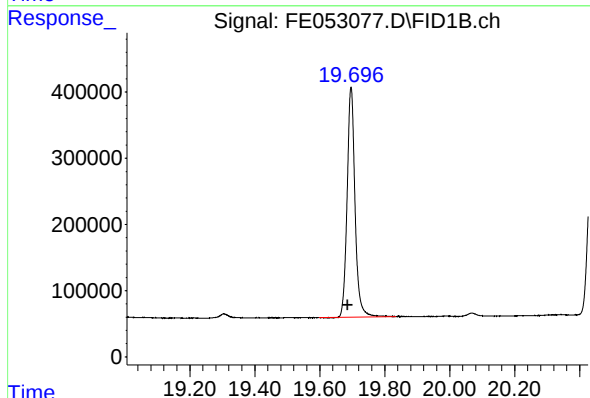
R.T.: 18.076 min
Delta R.T.: 0.010 min
Response: 5692589
Conc: 42.00 ug/ml

Instrument :
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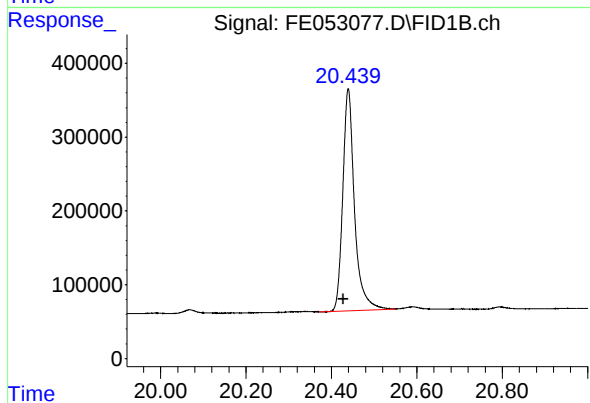
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: 0.009 min
Response: 5609377
Conc: 41.69 ug/ml



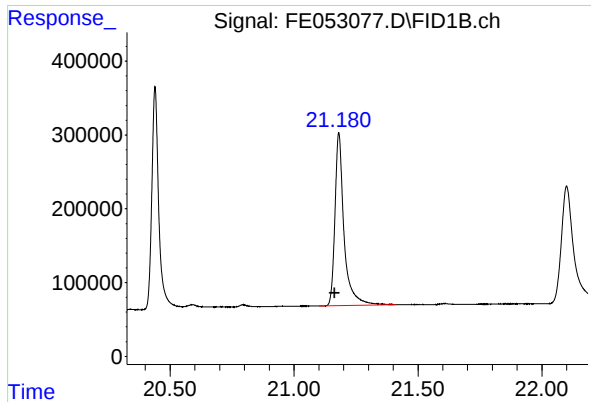
#19 n-Tetratriacontane (C34)

R.T.: 19.696 min
Delta R.T.: 0.010 min
Response: 5864542
Conc: 45.32 ug/ml



#20 n-Hexatriacontane (C36)

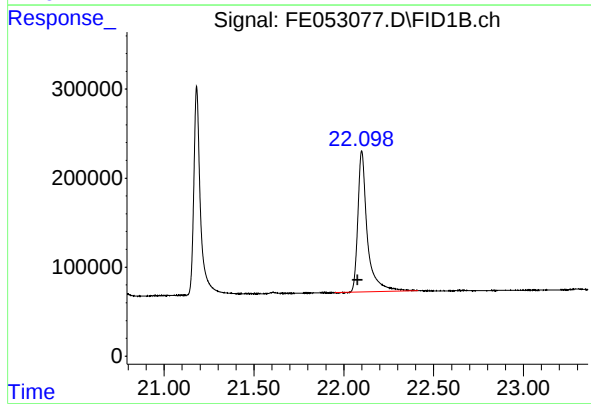
R.T.: 20.439 min
Delta R.T.: 0.012 min
Response: 5720100
Conc: 48.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.181 min
Delta R.T.: 0.016 min
Response: 5942422
Conc: 51.70 ug/ml

Instrument :
FID_E
ClientSampleId :
P2MSD



#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: 0.021 min
Response: 5817162
Conc: 51.79 ug/ml