

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061422AL\
 Data File : FE036045.D
 Signal(s) : FID1B.CH
 Acq On : 15 Jun 2022 00:14
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 15 04:22:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 060922.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 09 16:49:15 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.869	2724012	19.943 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
12) S 1-chlorooctadecane (S...	12.308	2094092	20.038 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
Target Compounds			
1) T n-Nonane (C9)	2.725	2677003	21.203 ug/ml
2) T n-Decane (C10)	3.736	2621274	21.047 ug/ml
3) T A~Naphthalene (C11.7)	5.295	2877746	20.674 ug/ml
4) T n-Dodecane (C12)	5.725	2602548	20.692 ug/ml
5) T A~2-methylnaphthalene...	6.344	2860053	20.466 ug/ml
6) T n-Tetradecane (C14)	7.517	2529167	20.236 ug/ml
7) T n-Hexadecane (C16)	9.116	2473961	20.214 ug/ml
8) T n-Octadecane (C18)	10.557	2454710	20.167 ug/ml
10) T n-Eicosane (C20)	11.866	2421385	20.049 ug/ml
11) T n-Heneicosane (C21)	12.478	2428254	20.052 ug/ml
13) T n-Docosane (C22)	13.063	2418985	20.026 ug/ml
14) T n-Tetracosane (C24)	14.167	2423573	19.965 ug/ml
15) T n-Hexacosane (C26)	15.187	2410121	19.843 ug/ml
16) T n-Octacosane (C28)	16.137	2392654	19.664 ug/ml
17) T n-Tricontane (C30)	17.025	2362870	19.513 ug/ml
18) T n-Dotriacontane (C32)	17.857	2292618	19.624 ug/ml
19) T n-Tetratriacontane (C34)	18.641	2134915	19.511 ug/ml
20) T n-Hexatriacontane (C36)	19.381	1996775	19.571 ug/ml
21) T n-Octatriacontane (C38)	20.109	1977990	20.109 ug/ml
22) T n-Tetracontane (C40)	20.999	2097216	21.537 ug/ml

(f)=RT Delta > 1/2 Window

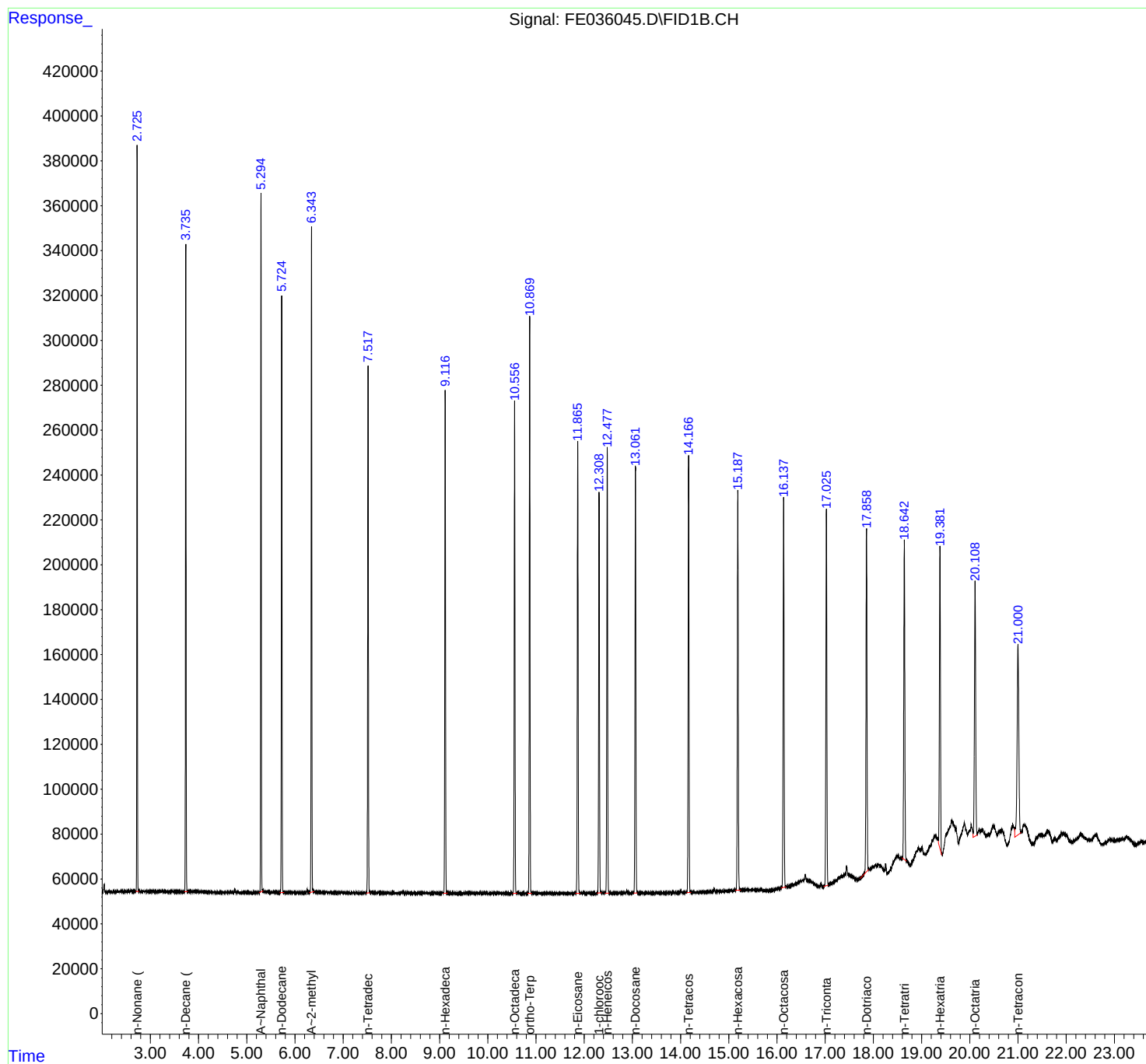
(m)=manual int.

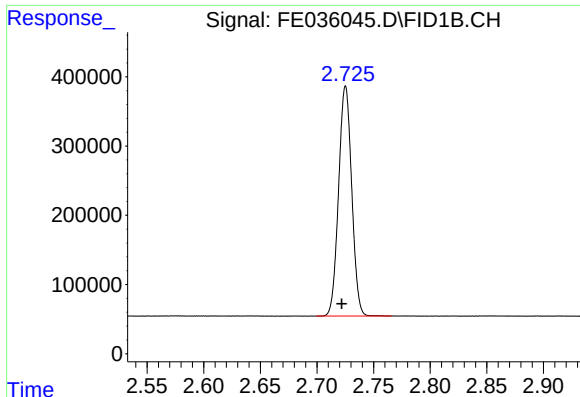
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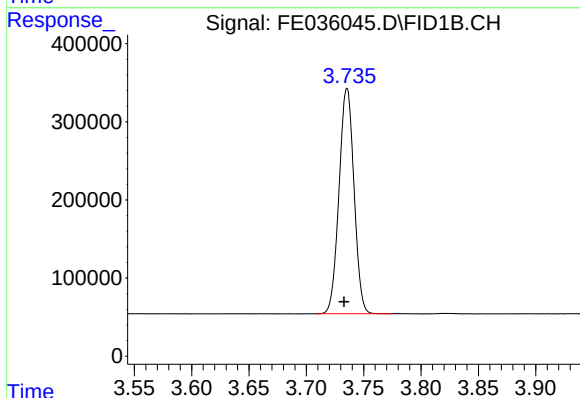




#1 n-Nonane (C9)

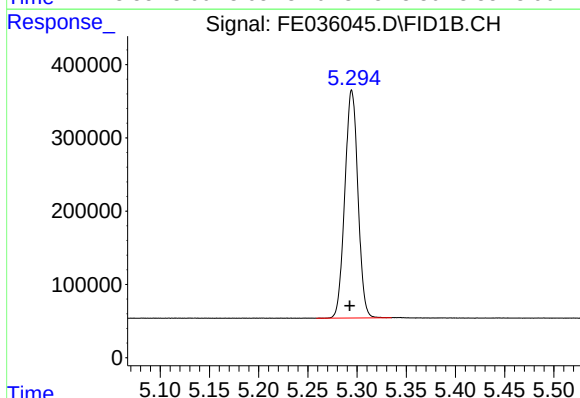
R.T.: 2.725 min
Delta R.T.: 0.003 min
Response: 2677003
Conc: 21.20 ug/ml

Instrument :
FID_E
ClientSampleId :



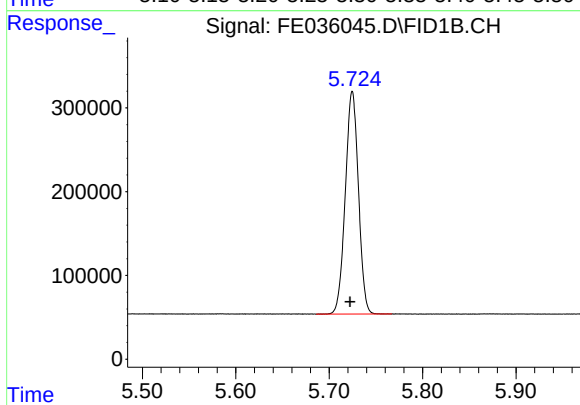
#2 n-Decane (C10)

R.T.: 3.736 min
Delta R.T.: 0.003 min
Response: 2621274
Conc: 21.05 ug/ml



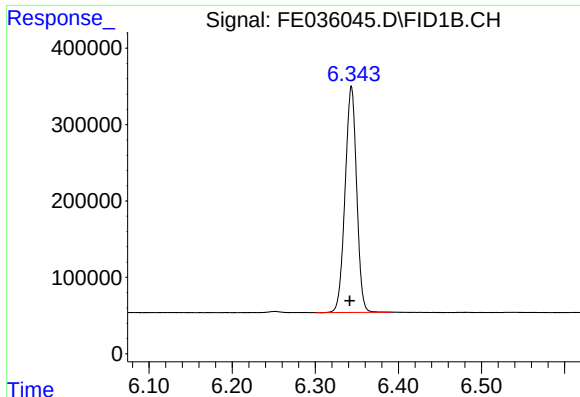
#3 A~Naphthalene (C11.7)

R.T.: 5.295 min
Delta R.T.: 0.002 min
Response: 2877746
Conc: 20.67 ug/ml



#4 n-Dodecane (C12)

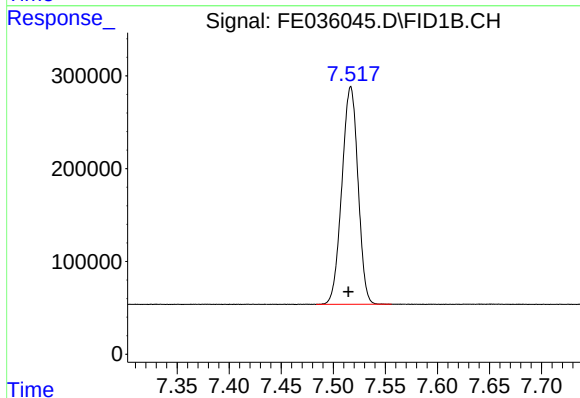
R.T.: 5.725 min
Delta R.T.: 0.002 min
Response: 2602548
Conc: 20.69 ug/ml



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

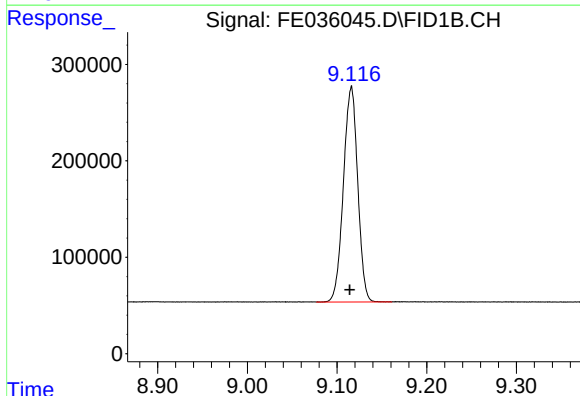
R.T.: 6.344 min
Delta R.T.: 0.002 min
Response: 2860053
Conc: 20.47 ug/ml

Instrument :
FID_E
ClientSampleId :



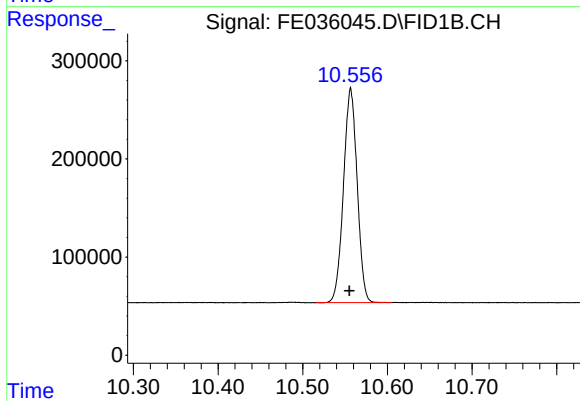
#6 n-Tetradecane (C14)

R.T.: 7.517 min
Delta R.T.: 0.002 min
Response: 2529167
Conc: 20.24 ug/ml



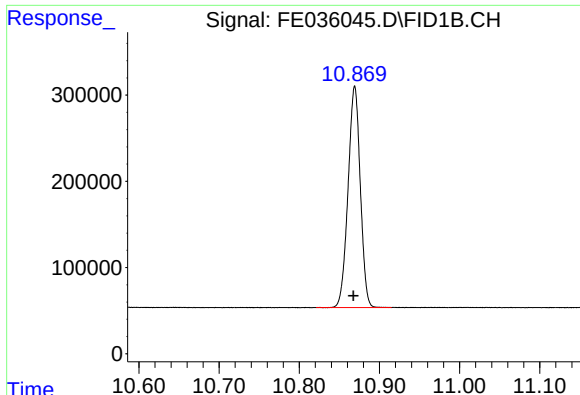
#7 n-Hexadecane (C16)

R.T.: 9.116 min
Delta R.T.: 0.002 min
Response: 2473961
Conc: 20.21 ug/ml



#8 n-Octadecane (C18)

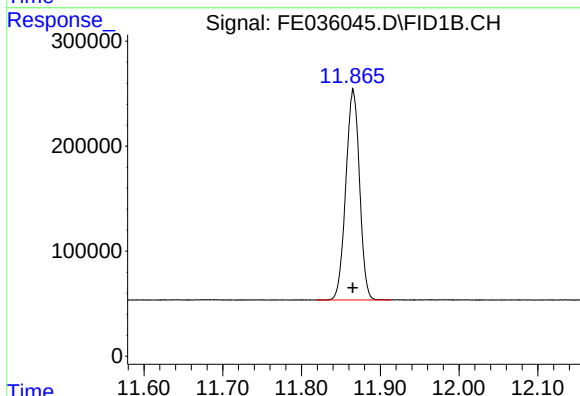
R.T.: 10.557 min
Delta R.T.: 0.001 min
Response: 2454710
Conc: 20.17 ug/ml



#9 ortho-Terphenyl (SURR)

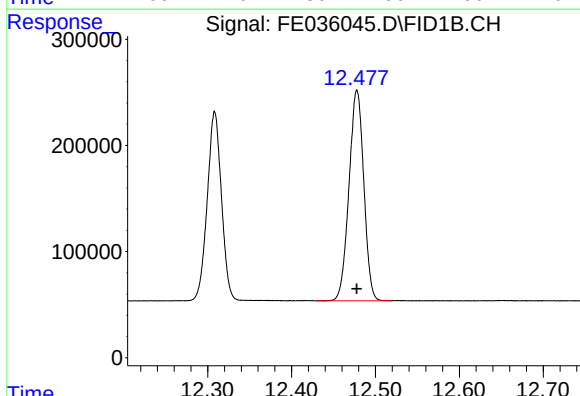
R.T.: 10.869 min
Delta R.T.: 0.002 min
Response: 2724012
Conc: 19.94 ug/ml

Instrument :
FID_E
ClientSampleId :



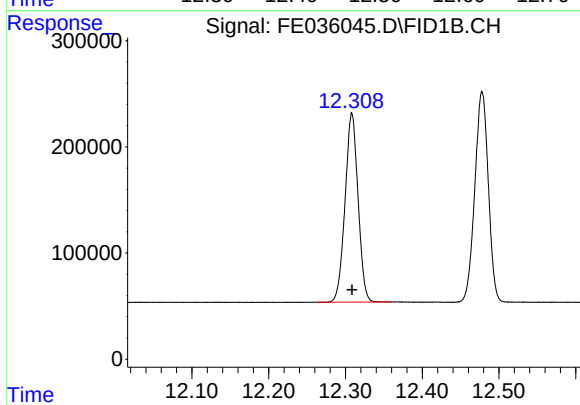
#10 n-Eicosane (C20)

R.T.: 11.866 min
Delta R.T.: 0.000 min
Response: 2421385
Conc: 20.05 ug/ml



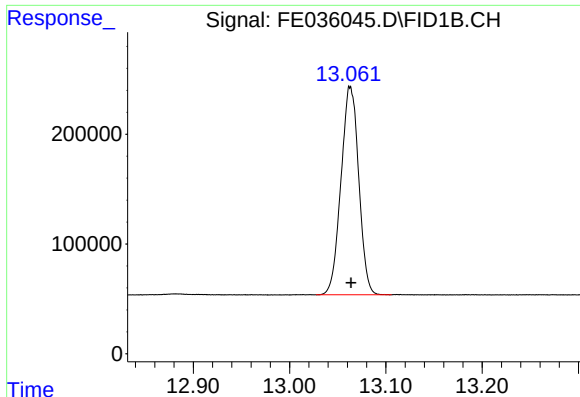
#11 n-Heneicosane (C21)

R.T.: 12.478 min
Delta R.T.: 0.000 min
Response: 2428254
Conc: 20.05 ug/ml



#12 1-chlorooctadecane (SURR)

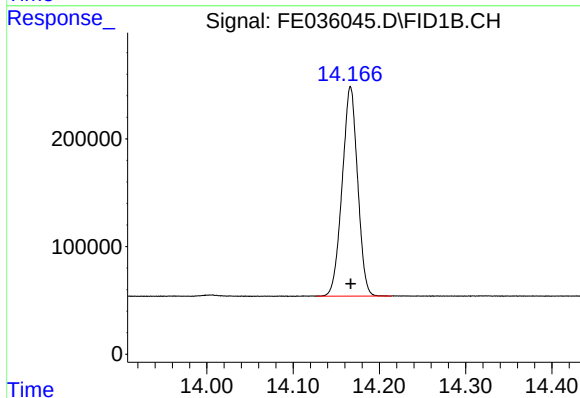
R.T.: 12.308 min
Delta R.T.: 0.000 min
Response: 2094092
Conc: 20.04 ug/ml



#13 n-Docosane (C22)

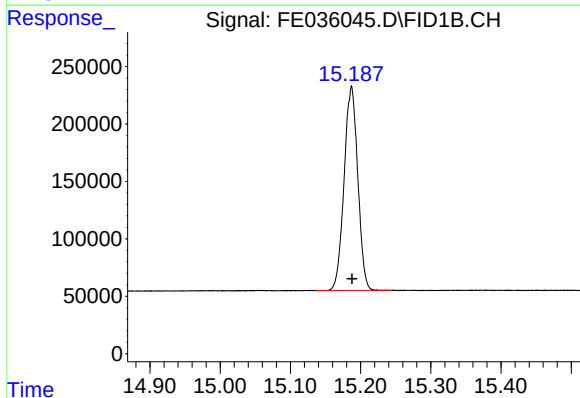
R.T.: 13.063 min
Delta R.T.: 0.000 min
Response: 2418985
Conc: 20.03 ug/ml

Instrument :
FID_E
ClientSampleId :



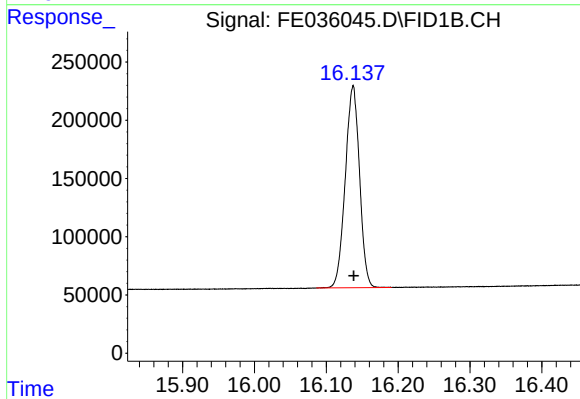
#14 n-Tetracosane (C24)

R.T.: 14.167 min
Delta R.T.: 0.000 min
Response: 2423573
Conc: 19.97 ug/ml



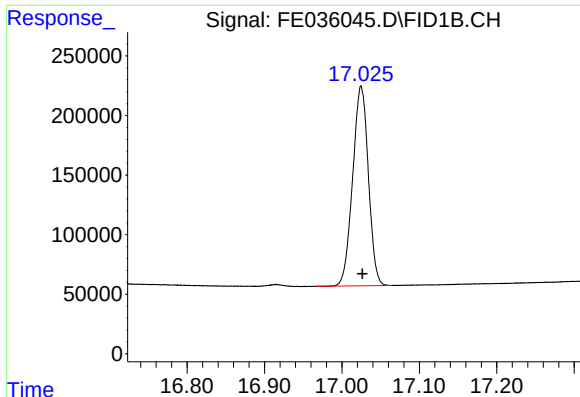
#15 n-Hexacosane (C26)

R.T.: 15.187 min
Delta R.T.: 0.000 min
Response: 2410121
Conc: 19.84 ug/ml



#16 n-Octacosane (C28)

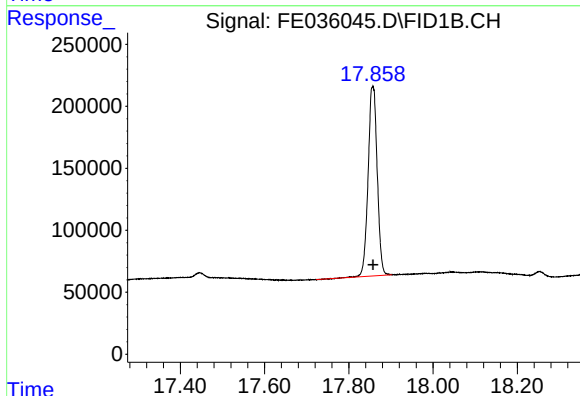
R.T.: 16.137 min
Delta R.T.: 0.000 min
Response: 2392654
Conc: 19.66 ug/ml



#17 n-Tricontane (C30)

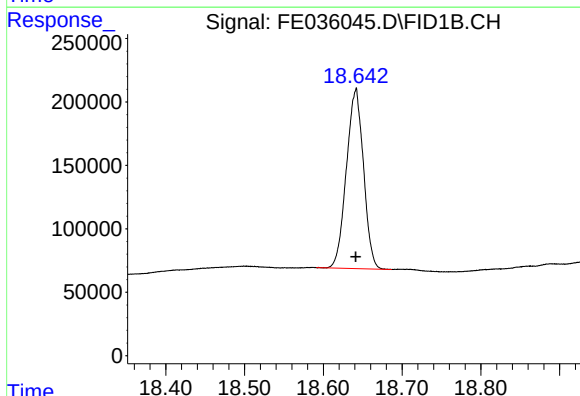
R.T.: 17.025 min
Delta R.T.: -0.002 min
Response: 2362870
Conc: 19.51 ug/ml

Instrument :
FID_E
ClientSampleId :



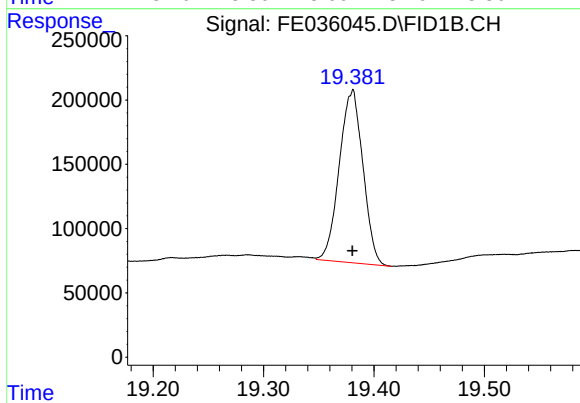
#18 n-Dotriacontane (C32)

R.T.: 17.857 min
Delta R.T.: -0.001 min
Response: 2292618
Conc: 19.62 ug/ml



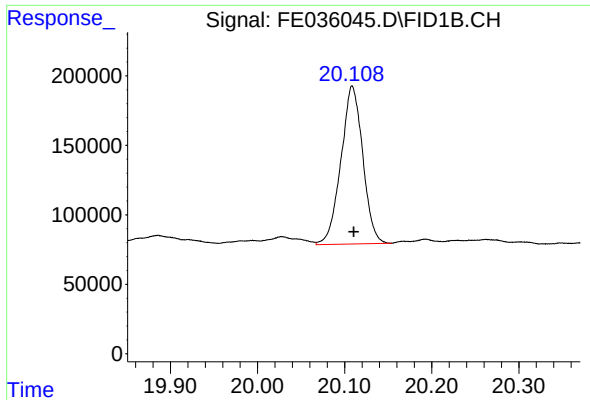
#19 n-Tetratriacontane (C34)

R.T.: 18.641 min
Delta R.T.: 0.000 min
Response: 2134915
Conc: 19.51 ug/ml



#20 n-Hexatriacontane (C36)

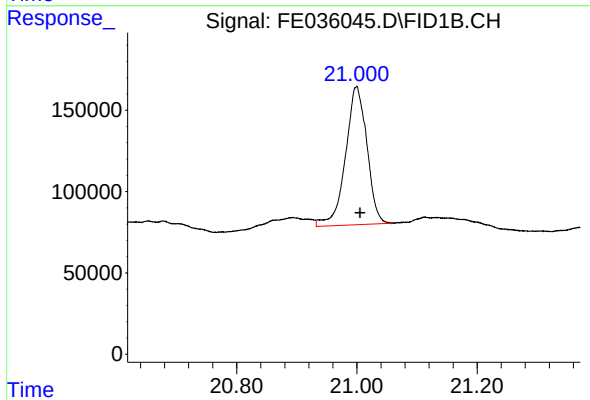
R.T.: 19.381 min
Delta R.T.: 0.000 min
Response: 1996775
Conc: 19.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.109 min
Delta R.T.: -0.002 min
Response: 1977990
Conc: 20.11 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.999 min
Delta R.T.: -0.006 min
Response: 2097216
Conc: 21.54 ug/ml