

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082922AL\
 Data File : FE037297.D
 Signal(s) : FID1B.ch
 Acq On : 29 Aug 2022 20:21
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 30 06:53:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:44:56 2022
 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)	11.647	870155	5.149 ug/ml
Spiked Amount 50.000		Recovery =	10.30%
12) S 1-chlorooctadecane (S...	13.070	635006	4.934 ug/ml
Spiked Amount 50.000		Recovery =	9.87%
Target Compounds			
1) T n-Nonane (C9)	3.048	767221	5.014 ug/ml
2) T n-Decane (C10)	4.303	767562	4.978 ug/ml
3) T A~Naphthalene (C11.7)	6.031	554881	3.851 ug/ml
4) T n-Dodecane (C12)	6.472	803090	5.079 ug/ml
5) T A~2-methylnaphthalene...	7.123	524542	3.757 ug/ml
6) T n-Tetradecane (C14)	9.890	808662	5.103 ug/ml
7) T n-Hexadecane (C16)	9.890	808662	5.103 ug/ml
8) T n-Octadecane (C18)	11.324	816104	5.125 ug/ml
10) T n-Eicosane (C20)	12.625	811292	5.128 ug/ml
11) T n-Heneicosane (C21)	13.235	812291	5.151 ug/ml
13) T n-Docosane (C22)	13.816	797860	5.125 ug/ml
14) T n-Tetracosane (C24)	14.915	767742	5.105 ug/ml
15) T n-Hexacosane (C26)	15.929	733516	5.066 ug/ml
16) T n-Octacosane (C28)	16.874	703363	5.077 ug/ml
17) T n-Tricontane (C30)	17.757	696397	5.119 ug/ml
18) T n-Dotriacontane (C32)	18.584	691031	5.175 ug/ml
19) T n-Tetratriacontane (C34)	19.363	651439	5.149 ug/ml
20) T n-Hexatriacontane (C36)	20.099	681764	5.301 ug/ml
21) T n-Octatriacontane (C38)	20.797	634557	5.098 ug/ml
22) T n-Tetracontane (C40)	21.578	694160	5.385 ug/ml

(f)=RT Delta > 1/2 Window

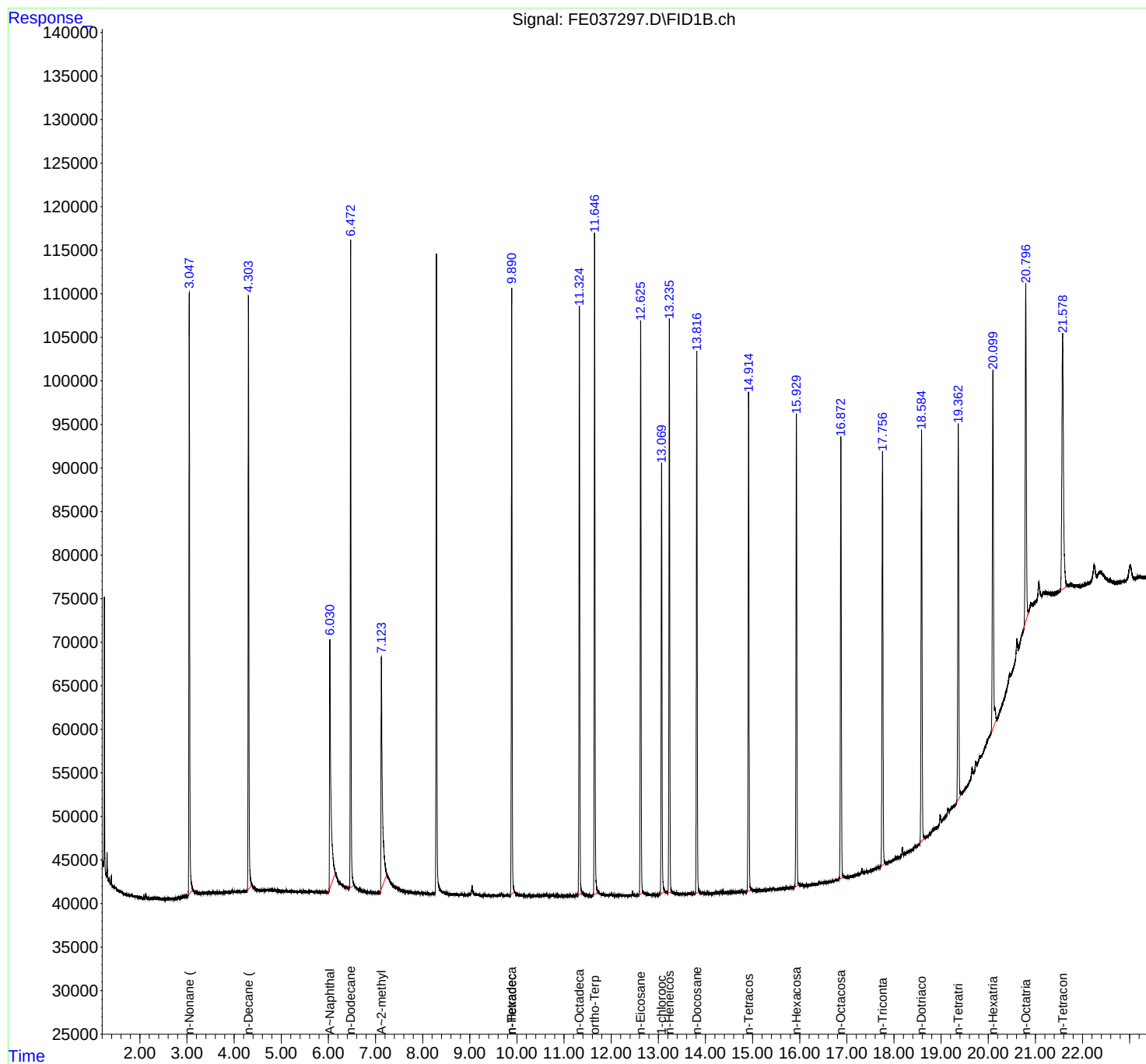
(m)=manual int.

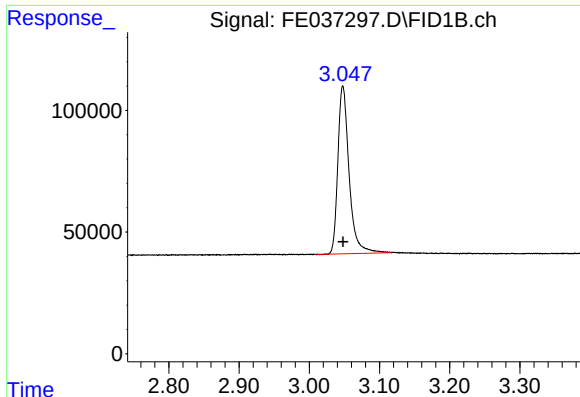
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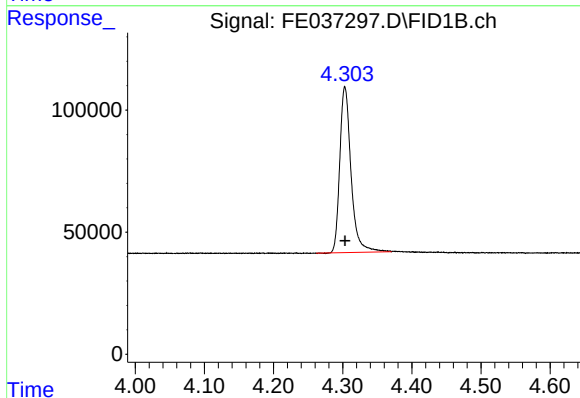




#1 n-Nonane (C9)

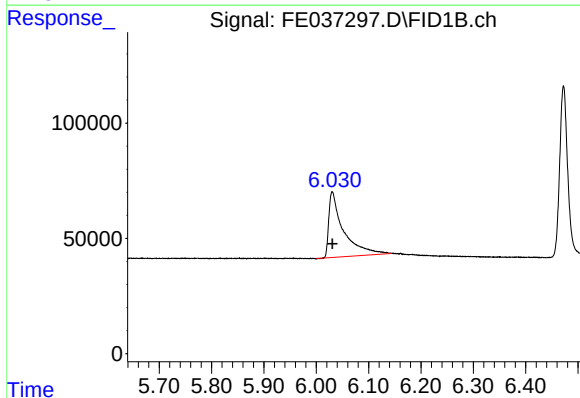
R.T.: 3.048 min
Delta R.T.: 0.000 min
Response: 767221
Conc: 5.01 ug/ml

Instrument :
FID_E
ClientSampleId :



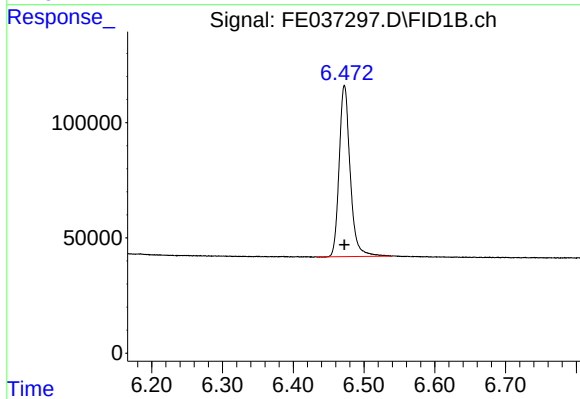
#2 n-Decane (C10)

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 767562
Conc: 4.98 ug/ml



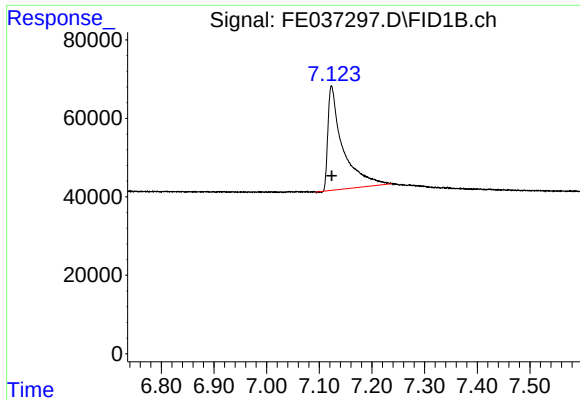
#3 A~Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 554881
Conc: 3.85 ug/ml



#4 n-Dodecane (C12)

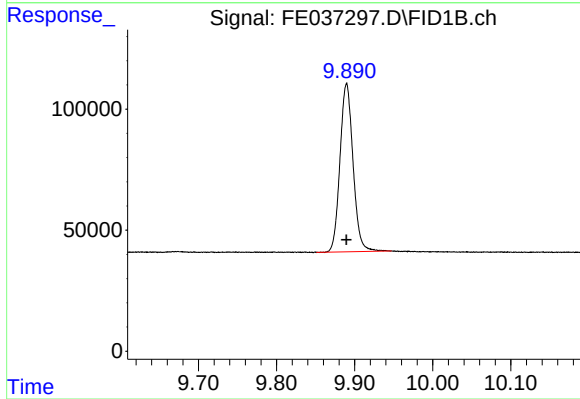
R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 803090
Conc: 5.08 ug/ml



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

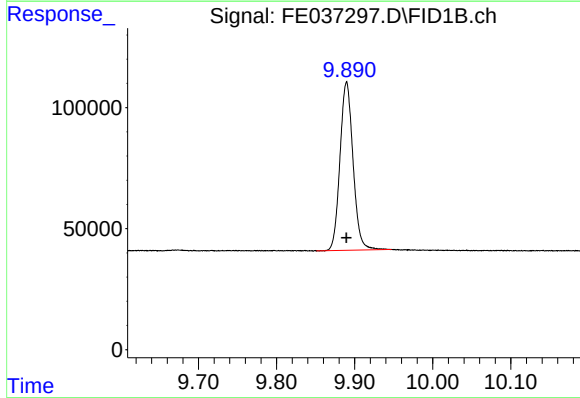
R.T.: 7.123 min
Delta R.T.: 0.000 min
Response: 524542
Conc: 3.76 ug/ml

Instrument :
FID_E
ClientSampleId :



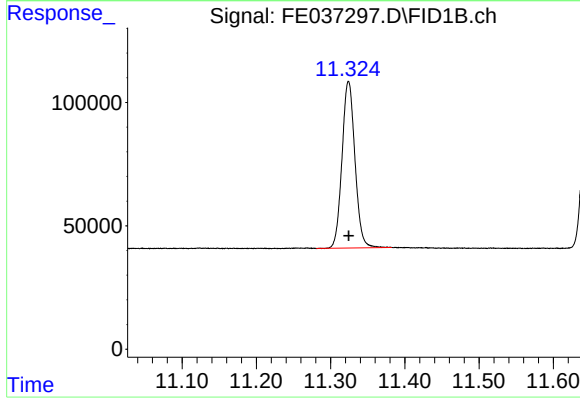
#6 n-Tetradecane (C14)

R.T.: 9.890 min
Delta R.T.: 0.000 min
Response: 808662
Conc: 5.10 ug/ml



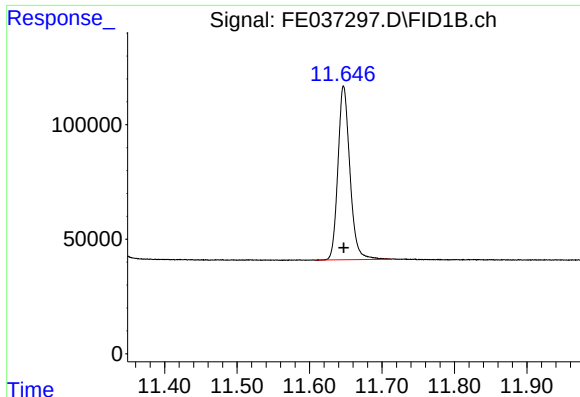
#7 n-Hexadecane (C16)

R.T.: 9.890 min
Delta R.T.: 0.000 min
Response: 808662
Conc: 5.10 ug/ml



#8 n-Octadecane (C18)

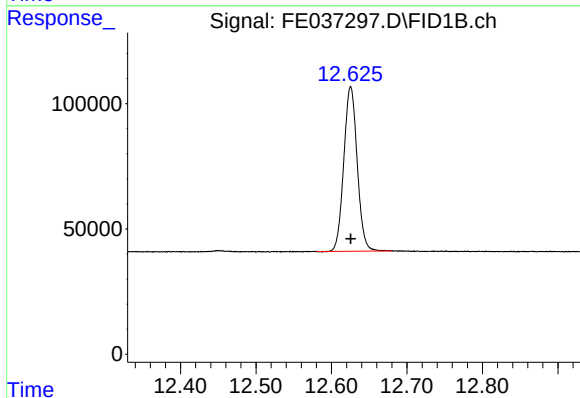
R.T.: 11.324 min
Delta R.T.: 0.000 min
Response: 816104
Conc: 5.12 ug/ml



#9 ortho-Terphenyl (SURR)

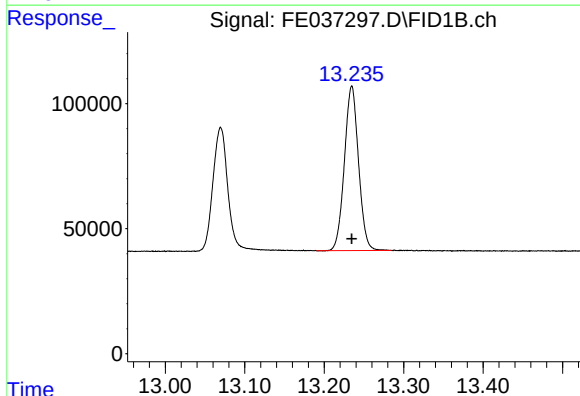
R.T.: 11.647 min
Delta R.T.: 0.000 min
Response: 870155
Conc: 5.15 ug/ml

Instrument :
FID_E
ClientSampleId :



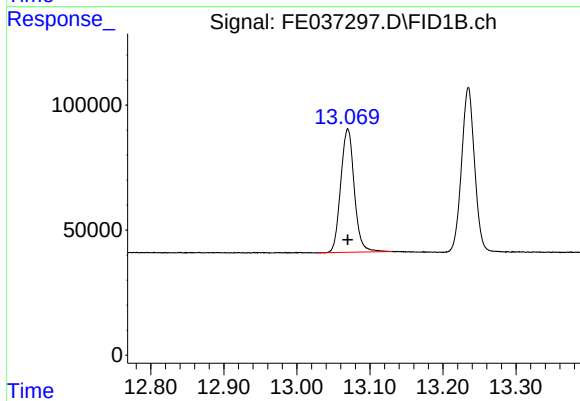
#10 n-Eicosane (C20)

R.T.: 12.625 min
Delta R.T.: 0.000 min
Response: 811292
Conc: 5.13 ug/ml



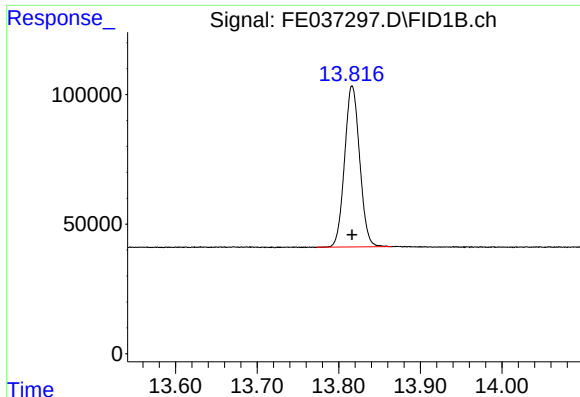
#11 n-Heneicosane (C21)

R.T.: 13.235 min
Delta R.T.: 0.000 min
Response: 812291
Conc: 5.15 ug/ml



#12 1-chlorooctadecane (SURR)

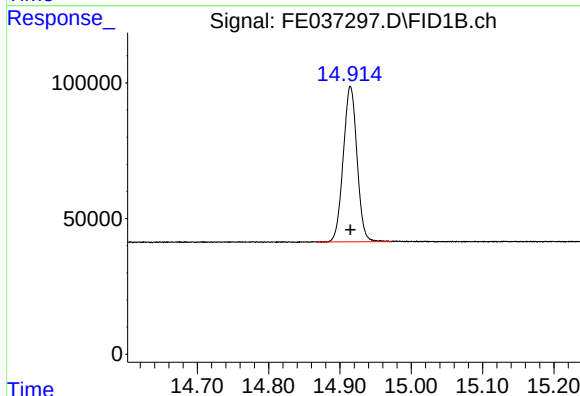
R.T.: 13.070 min
Delta R.T.: 0.000 min
Response: 635006
Conc: 4.93 ug/ml



#13 n-Docosane (C22)

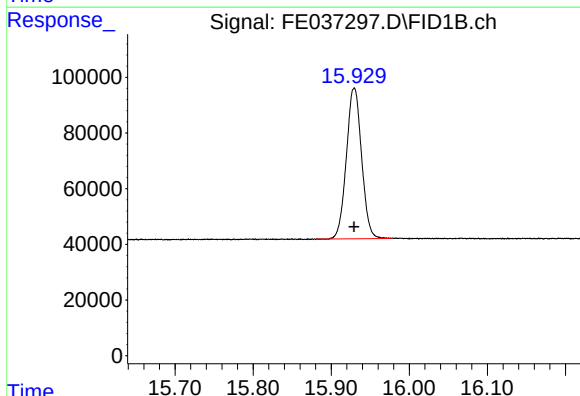
R.T.: 13.816 min
Delta R.T.: 0.000 min
Response: 797860
Conc: 5.13 ug/ml

Instrument :
FID_E
ClientSampleId :



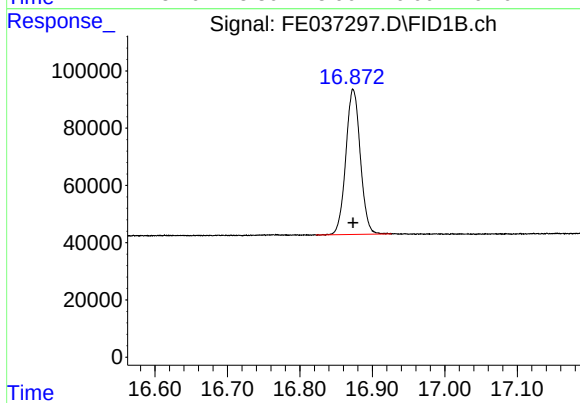
#14 n-Tetracosane (C24)

R.T.: 14.915 min
Delta R.T.: 0.000 min
Response: 767742
Conc: 5.10 ug/ml



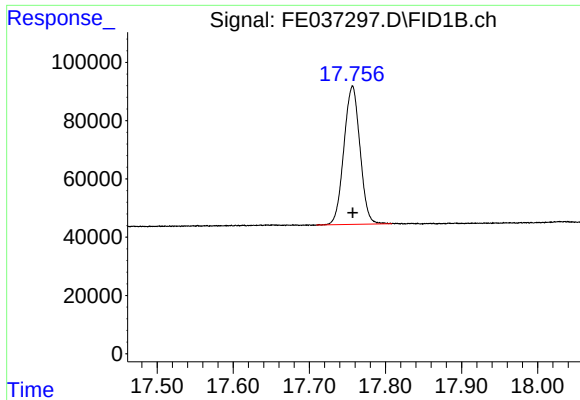
#15 n-Hexacosane (C26)

R.T.: 15.929 min
Delta R.T.: 0.000 min
Response: 733516
Conc: 5.07 ug/ml



#16 n-Octacosane (C28)

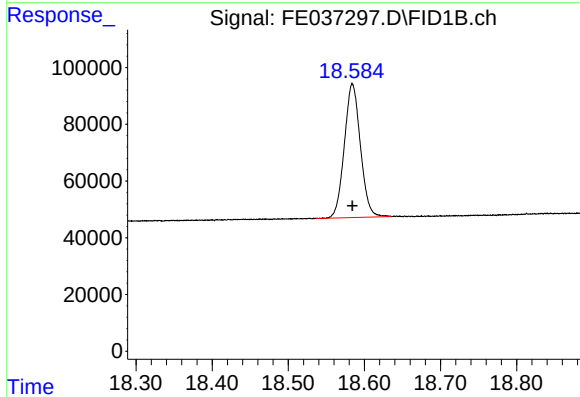
R.T.: 16.874 min
Delta R.T.: 0.000 min
Response: 703363
Conc: 5.08 ug/ml



#17 n-Tricontane (C30)

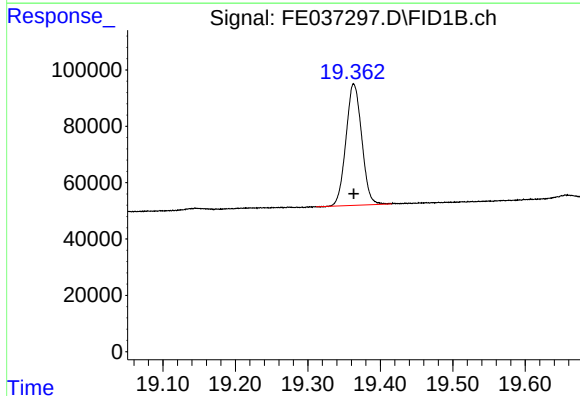
R.T.: 17.757 min
Delta R.T.: 0.000 min
Response: 696397
Conc: 5.12 ug/ml

Instrument :
FID_E
ClientSampleId :



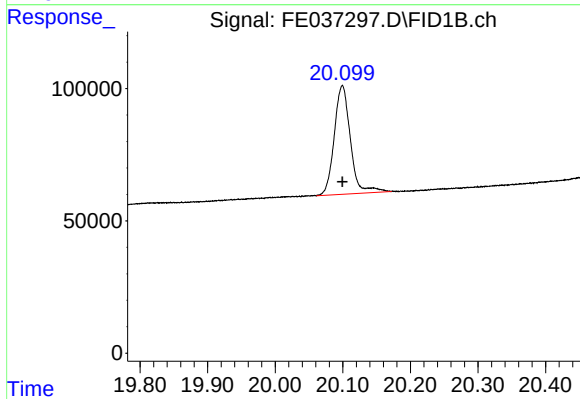
#18 n-Dotriacontane (C32)

R.T.: 18.584 min
Delta R.T.: 0.000 min
Response: 691031
Conc: 5.17 ug/ml



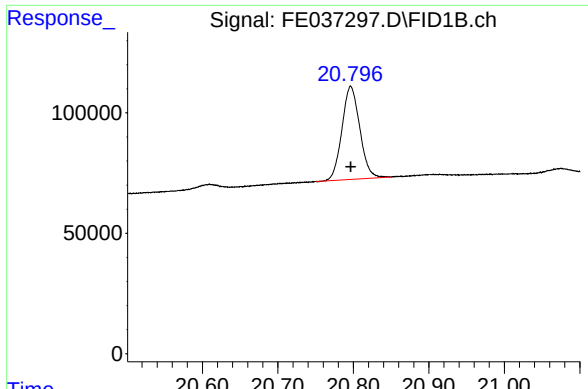
#19 n-Tetratriacontane (C34)

R.T.: 19.363 min
Delta R.T.: 0.000 min
Response: 651439
Conc: 5.15 ug/ml



#20 n-Hexatriacontane (C36)

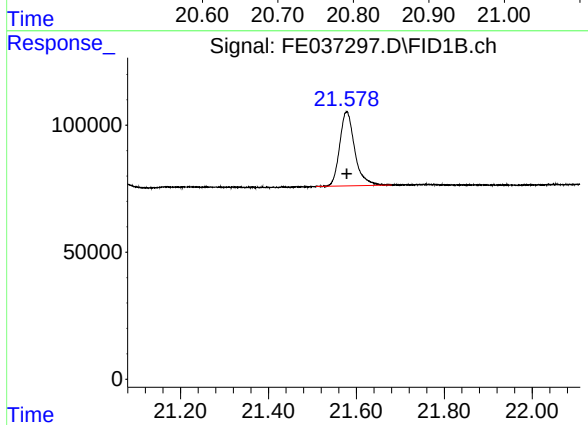
R.T.: 20.099 min
Delta R.T.: 0.000 min
Response: 681764
Conc: 5.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: 0.000 min
Response: 634557
Conc: 5.10 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.578 min
Delta R.T.: 0.000 min
Response: 694160
Conc: 5.38 ug/ml