

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040224AL\
 Data File : FE047424.D
 Signal(s) : FID1B.ch
 Acq On : 02 Apr 2024 02:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Apr 02 05:31:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 2024
 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)	11.982	2862414	16.503 ug/ml
Spiked Amount 50.000		Recovery =	33.01%
12) S 1-chlorooctadecane (S...	13.415	2224390	16.539 ug/ml
Spiked Amount 50.000		Recovery =	33.08%
Target Compounds			
1) T n-Nonane (C9)	3.363	2597523	16.603 ug/ml
2) T n-Decane (C10)	4.616	2665042	16.582 ug/ml
3) T A~Naphthalene (C11.7)	6.323	2803470	16.534 ug/ml
4) T n-Dodecane (C12)	6.782	2680306	16.514 ug/ml
5) T A~2-methylnaphthalene...	7.419	2707284	16.485 ug/ml
6) T n-Tetradecane (C14)	8.610	2659381	16.531 ug/ml
7) T n-Hexadecane (C16)	10.217	2745529	16.532 ug/ml
8) T n-Octadecane (C18)	11.660	2776813	16.558 ug/ml
10) T n-Eicosane (C20)	12.970	2685176	16.575 ug/ml
11) T n-Heneicosane (C21)	13.581	2628944	16.568 ug/ml
13) T n-Docosane (C22)	14.167	2670082	16.638 ug/ml
14) T n-Tetracosane (C24)	15.268	2755533	16.694 ug/ml
15) T n-Hexacosane (C26)	16.287	2800100	16.940 ug/ml
16) T n-Octacosane (C28)	17.236	2875041	17.349 ug/ml
17) T n-Tricontane (C30)	18.122	3026022	17.824 ug/ml
18) T n-Dotriacontane (C32)	18.952	2992352	17.945 ug/ml
19) T n-Tetratriacontane (C34)	19.734	2787031	17.377 ug/ml
20) T n-Hexatriacontane (C36)	20.473	2706543	16.969 ug/ml
21) T n-Octatriacontane (C38)	21.214	2736005	16.834 ug/ml
22) T n-Tetracontane (C40)	22.144	2736008	16.711 ug/ml

(f)=RT Delta > 1/2 Window

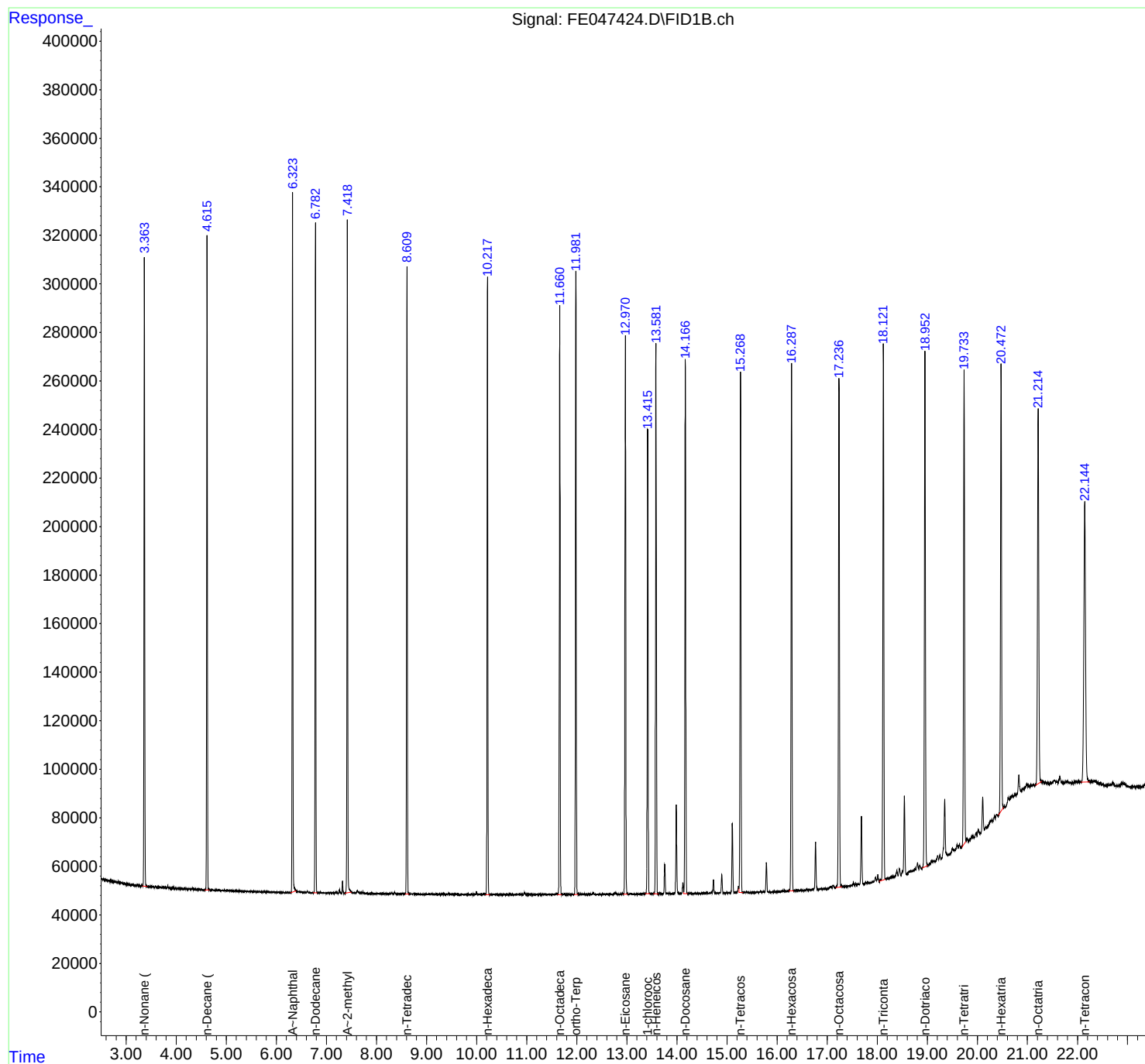
(m)=manual int.

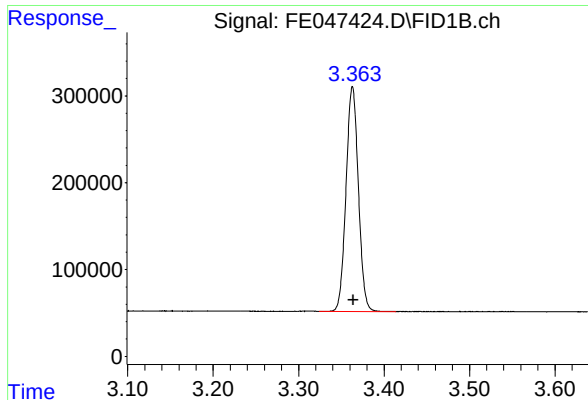
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#1 n-Nonane (C9)

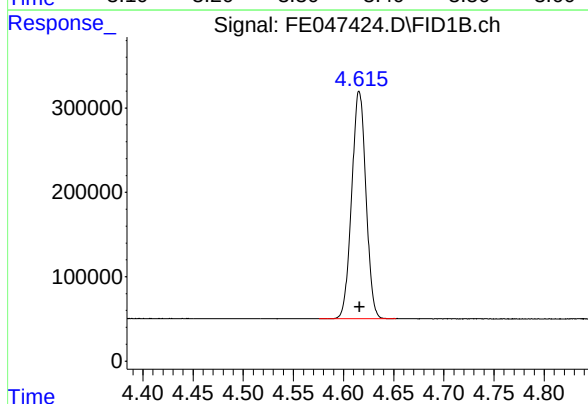
R.T.: 3.363 min
Delta R.T.: 0.000 min
Response: 2597523
Conc: 16.60 ug/ml

Instrument :

FID_E

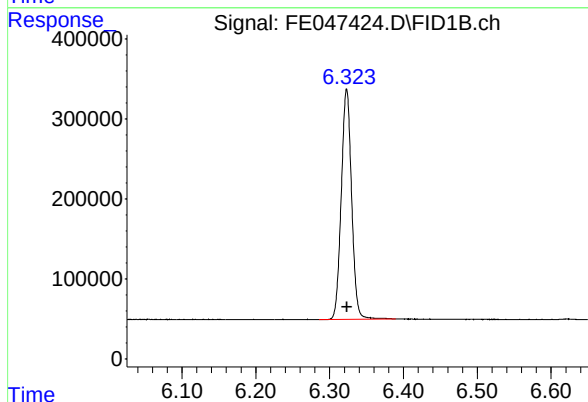
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



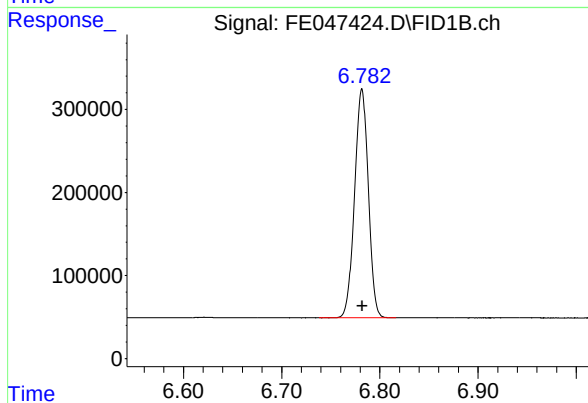
#2 n-Decane (C10)

R.T.: 4.616 min
Delta R.T.: 0.000 min
Response: 2665042
Conc: 16.58 ug/ml



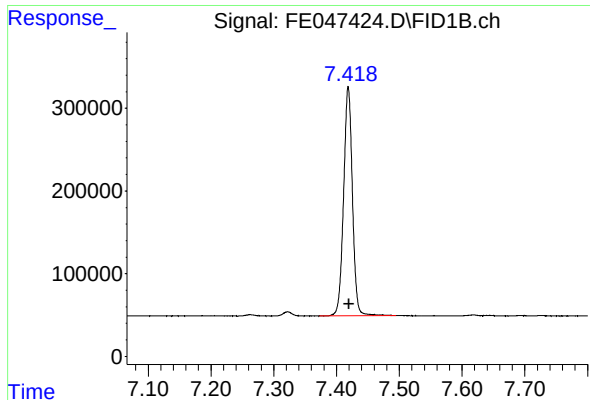
#3 A~Naphthalene (C11.7)

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 2803470
Conc: 16.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 2680306
Conc: 16.51 ug/ml



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

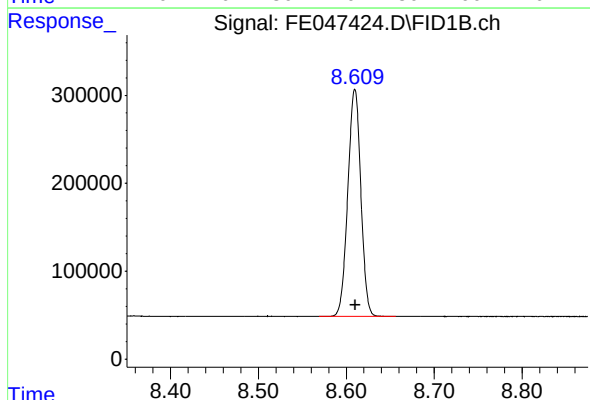
R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 2707284
Conc: 16.49 ug/ml

Instrument :

FID_E

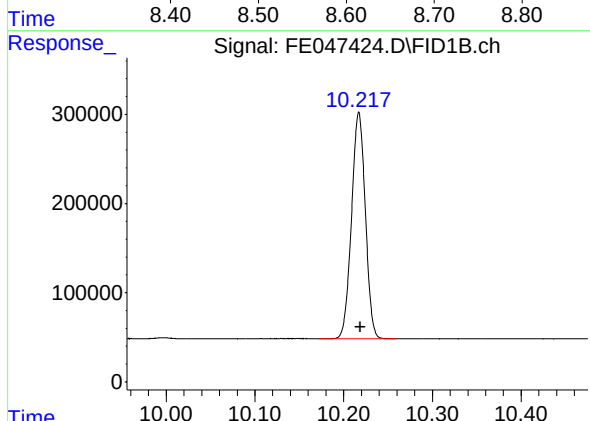
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



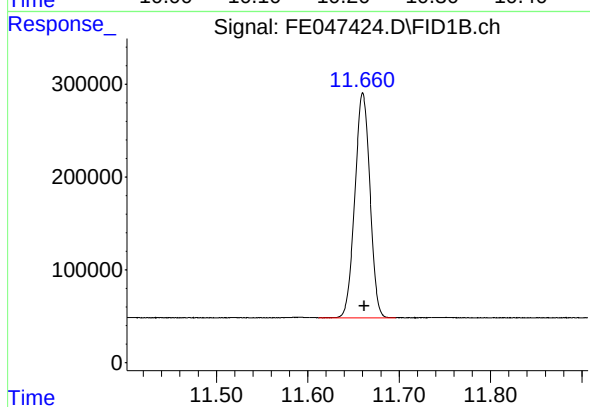
#6 n-Tetradecane (C14)

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 2659381
Conc: 16.53 ug/ml



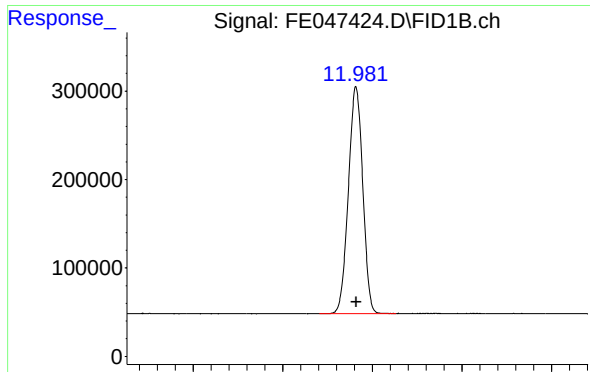
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: -0.001 min
Response: 2745529
Conc: 16.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.660 min
Delta R.T.: -0.001 min
Response: 2776813
Conc: 16.56 ug/ml



#9 ortho-Terphenyl (SURR)

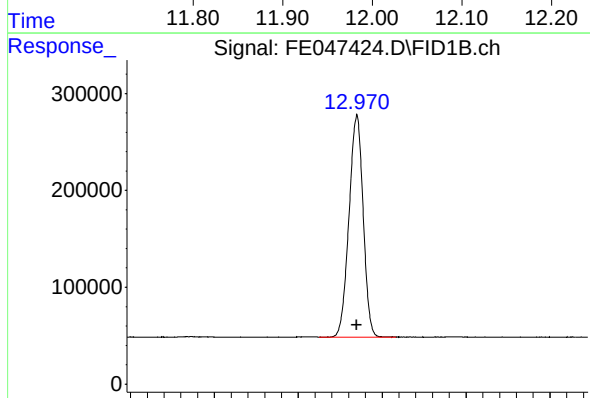
R.T.: 11.982 min
Delta R.T.: 0.000 min
Response: 2862414
Conc: 16.50 ug/ml

Instrument :

FID_E

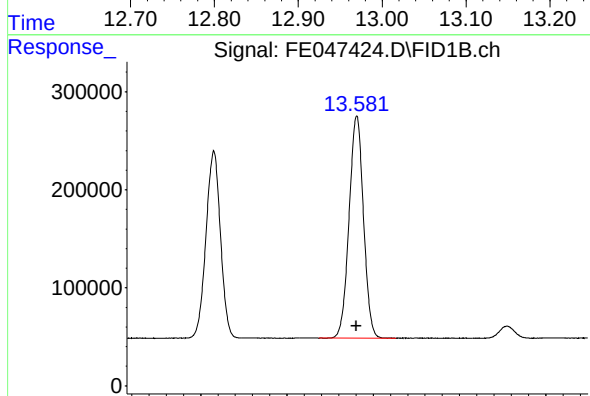
ClientSampleId :

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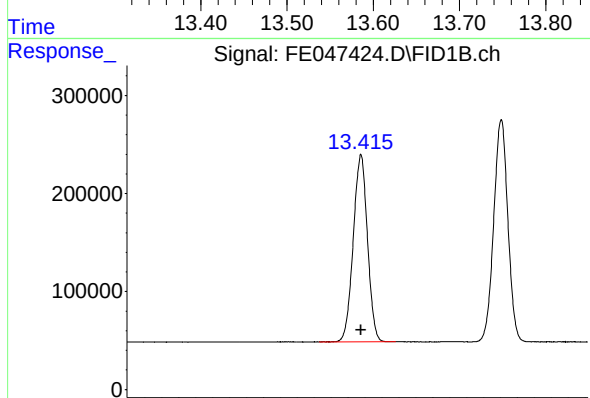
#10 n-Eicosane (C20)

R.T.: 12.970 min
Delta R.T.: 0.000 min
Response: 2685176
Conc: 16.57 ug/ml



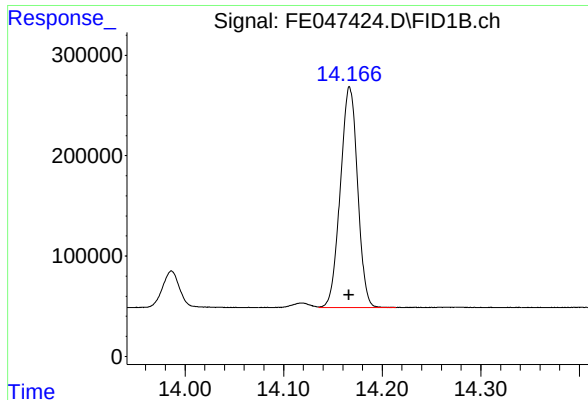
#11 n-Heneicosane (C21)

R.T.: 13.581 min
Delta R.T.: 0.000 min
Response: 2628944
Conc: 16.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.415 min
Delta R.T.: 0.000 min
Response: 2224390
Conc: 16.54 ug/ml



#13 n-Docosane (C22)

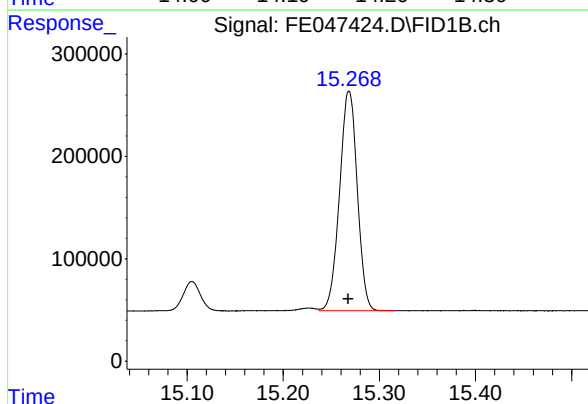
R.T.: 14.167 min
Delta R.T.: 0.000 min
Response: 2670082
Conc: 16.64 ug/ml

Instrument :

FID_E

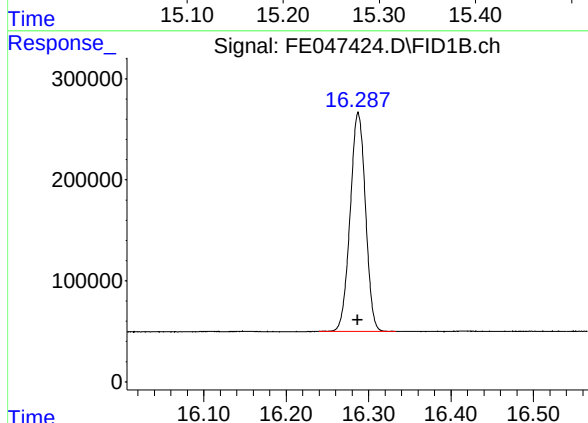
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



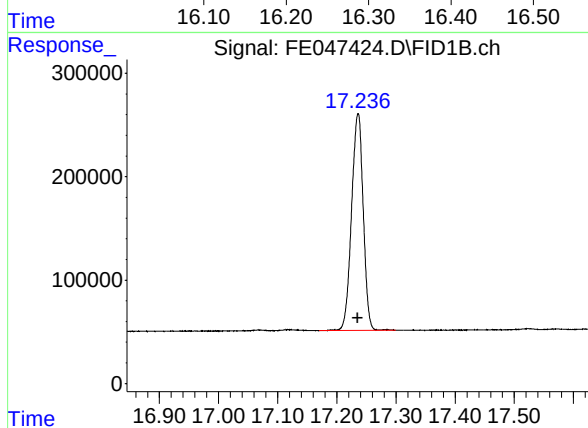
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: 0.000 min
Response: 2755533
Conc: 16.69 ug/ml



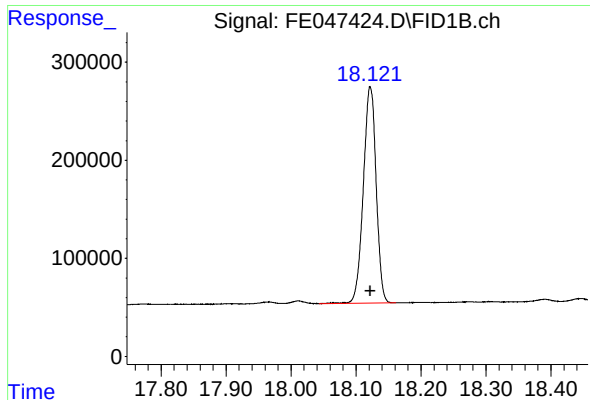
#15 n-Hexacosane (C26)

R.T.: 16.287 min
Delta R.T.: 0.000 min
Response: 2800100
Conc: 16.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.236 min
Delta R.T.: 0.000 min
Response: 2875041
Conc: 17.35 ug/ml



#17 n-Tricontane (C30)

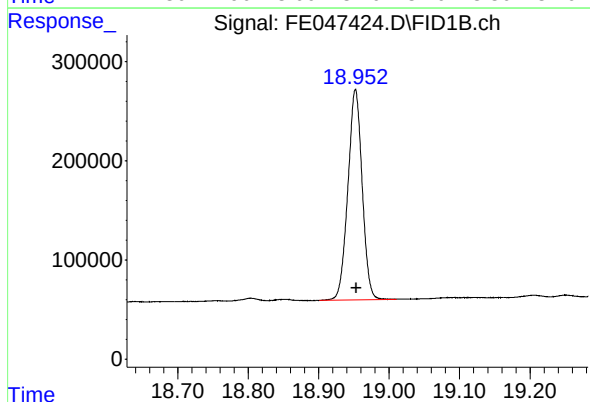
R.T.: 18.122 min
Delta R.T.: 0.000 min
Response: 3026022
Conc: 17.82 ug/ml

Instrument :

FID_E

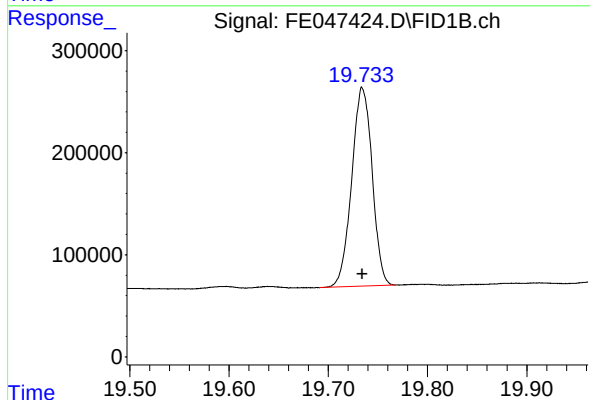
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



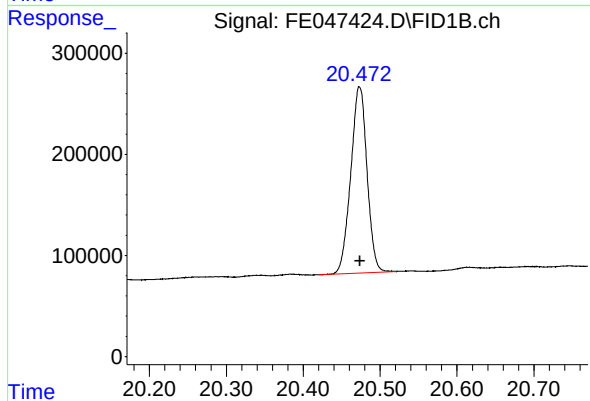
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: -0.001 min
Response: 2992352
Conc: 17.95 ug/ml



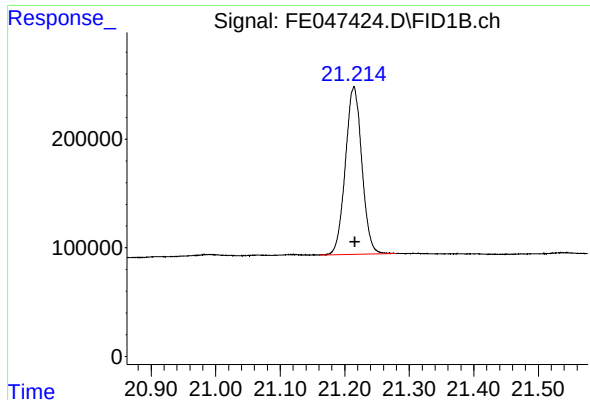
#19 n-Tetratriacontane (C34)

R.T.: 19.734 min
Delta R.T.: 0.000 min
Response: 2787031
Conc: 17.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.473 min
Delta R.T.: 0.000 min
Response: 2706543
Conc: 16.97 ug/ml



#21 n-Octatriacontane (C38)

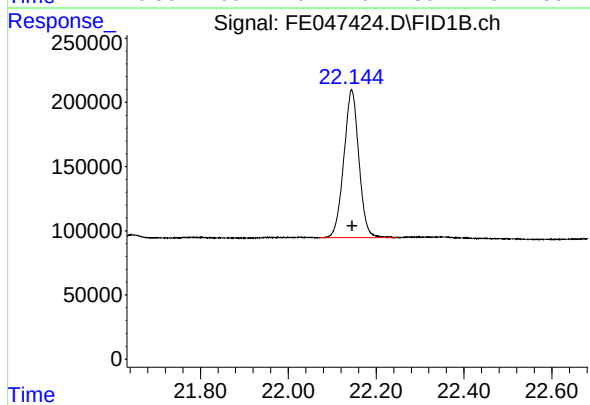
R.T.: 21.214 min
Delta R.T.: -0.001 min
Response: 2736005
Conc: 16.83 ug/ml

Instrument :

FID_E

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#22 n-Tetracontane (C40)

R.T.: 22.144 min
Delta R.T.: -0.002 min
Response: 2736008
Conc: 16.71 ug/ml