

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020325AL\
 Data File : FE052209.D
 Signal(s) : FID1B.ch
 Acq On : 03 Feb 2025 15:24
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Feb 03 15:56:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 03 15:16:54 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)	12.275	2478295	20.023 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
12) S 1-chlorooctadecane (S...	13.692	1974452	20.006 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
Target Compounds			
1) T n-Nonane (C9)	3.724	1853639	19.845 ug/ml
2) T n-Decane (C10)	4.956	1906387	19.852 ug/ml
3) T A~Naphthalene (C11.7)	6.661	2131194	19.942 ug/ml
4) T n-Dodecane (C12)	7.092	1974107	19.917 ug/ml
5) T A~2-methylnaphthalene...	7.745	2093692	19.991 ug/ml
6) T n-Tetradecane (C14)	8.905	2025590	20.073 ug/ml
7) T n-Hexadecane (C16)	10.502	2177931	20.070 ug/ml
8) T n-Octadecane (C18)	11.939	2272916	20.008 ug/ml
10) T n-Eicosane (C20)	13.244	2257366	20.003 ug/ml
11) T n-Heneicosane (C21)	13.854	2250622	19.985 ug/ml
13) T n-Docosane (C22)	14.439	2262979	19.993 ug/ml
14) T n-Tetracosane (C24)	15.537	2294707	19.958 ug/ml
15) T n-Hexacosane (C26)	16.556	2282984	19.907 ug/ml
16) T n-Octacosane (C28)	17.504	2244040	19.833 ug/ml
17) T n-Tricontane (C30)	18.387	2249645	19.743 ug/ml
18) T n-Dotriacontane (C32)	19.218	2140554	19.633 ug/ml
19) T n-Tetratriacontane (C34)	20.000	1869168	19.702 ug/ml
20) T n-Hexatriacontane (C36)	20.738	1609147	19.475 ug/ml
21) T n-Octatriacontane (C38)	21.548	1471524	19.808 ug/ml
22) T n-Tetracontane (C40)	22.583	1437571	19.282 ug/ml

(f)=RT Delta > 1/2 Window

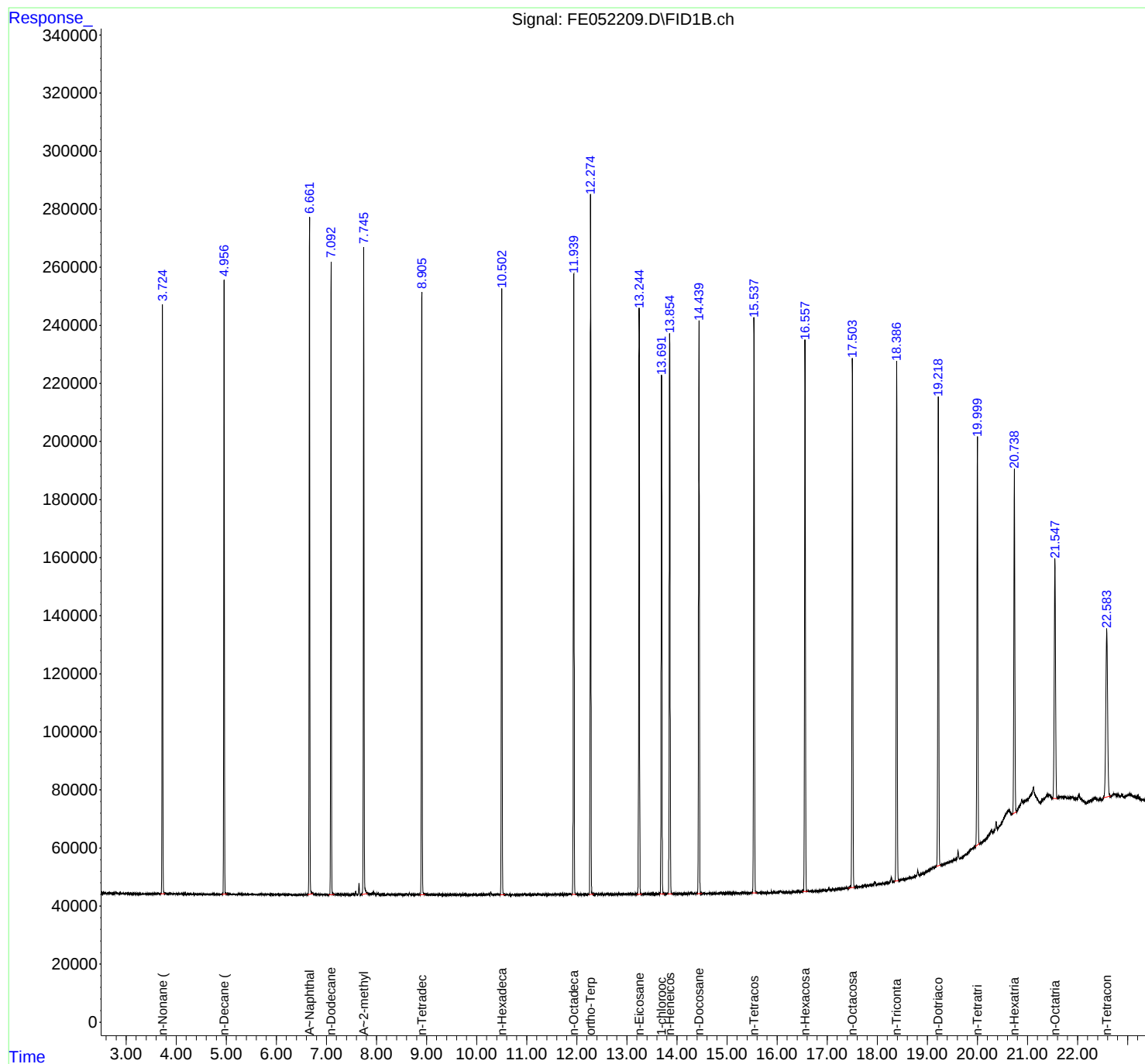
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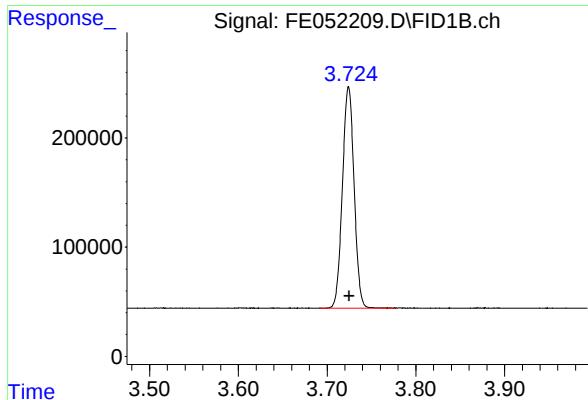
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#1 n-Nonane (C9)

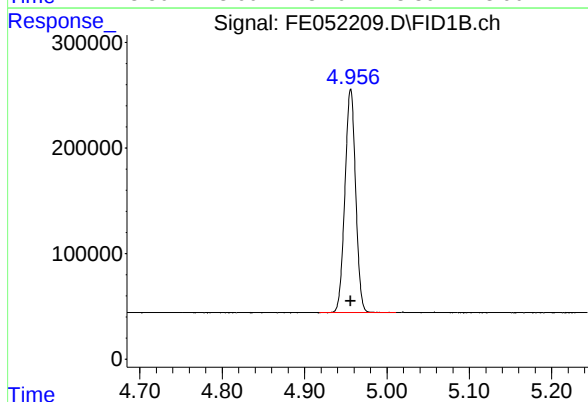
R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 1853639
Conc: 19.85 ug/ml

Instrument :

FID_E

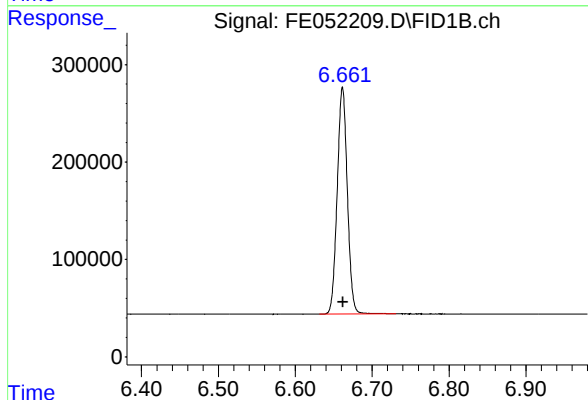
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



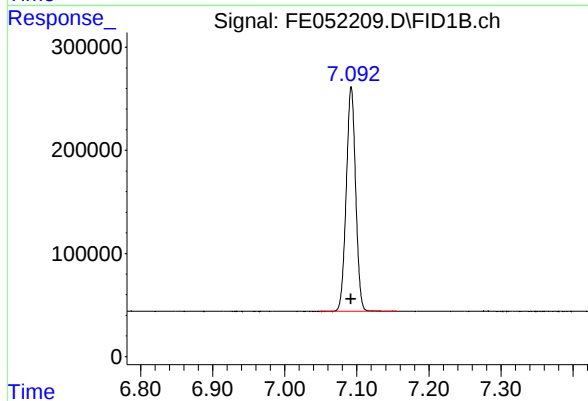
#2 n-Decane (C10)

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 1906387
Conc: 19.85 ug/ml



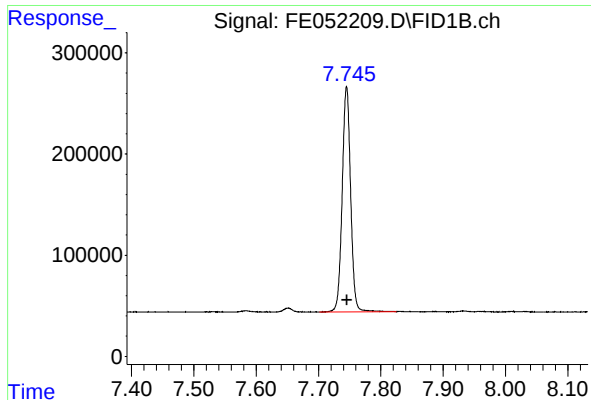
#3 A~Naphthalene (C11.7)

R.T.: 6.661 min
Delta R.T.: 0.000 min
Response: 2131194
Conc: 19.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 1974107
Conc: 19.92 ug/ml



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

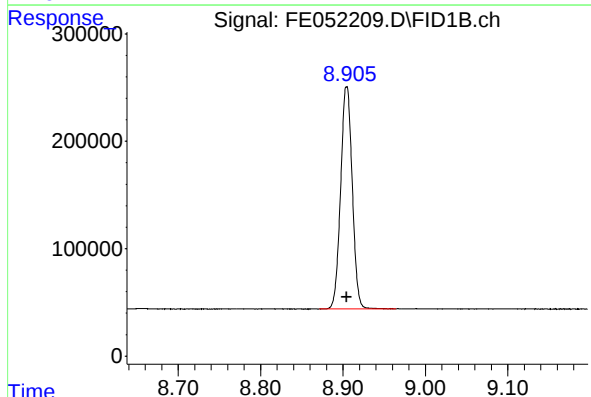
R.T.: 7.745 min
Delta R.T.: 0.000 min
Response: 2093692
Conc: 19.99 ug/ml

Instrument :

FID_E

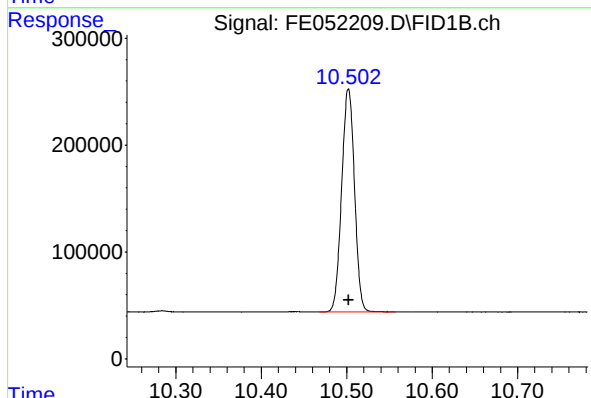
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



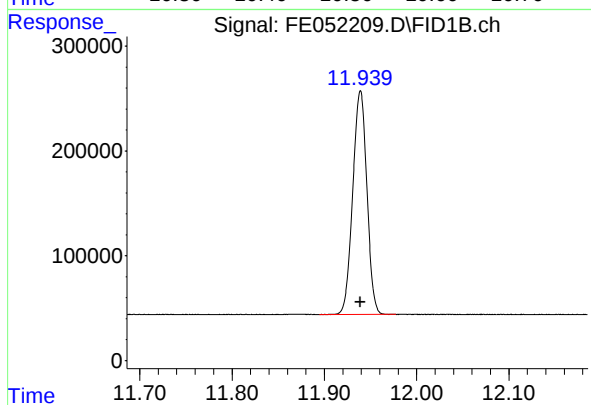
#6 n-Tetradecane (C14)

R.T.: 8.905 min
Delta R.T.: 0.000 min
Response: 2025590
Conc: 20.07 ug/ml



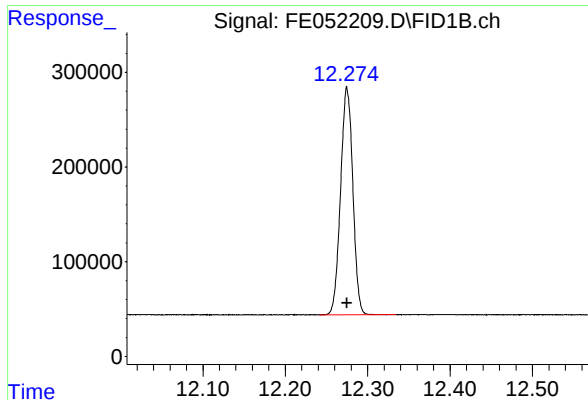
#7 n-Hexadecane (C16)

R.T.: 10.502 min
Delta R.T.: 0.000 min
Response: 2177931
Conc: 20.07 ug/ml



#8 n-Octadecane (C18)

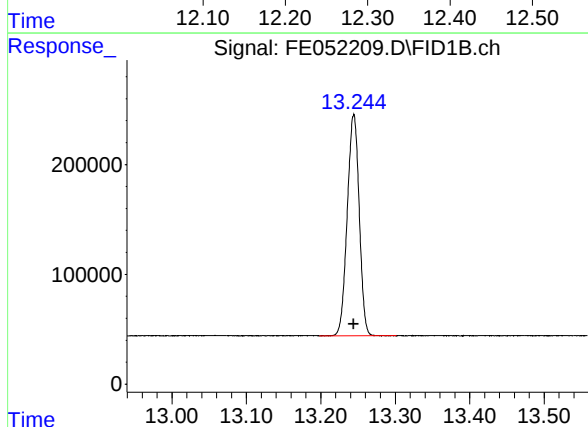
R.T.: 11.939 min
Delta R.T.: 0.000 min
Response: 2272916
Conc: 20.01 ug/ml



#9 ortho-Terphenyl (SURR)

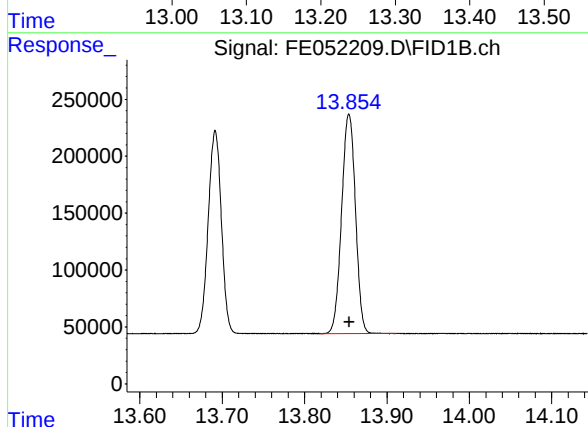
R.T.: 12.275 min
Delta R.T.: 0.000 min
Response: 2478295
Conc: 20.02 ug/ml

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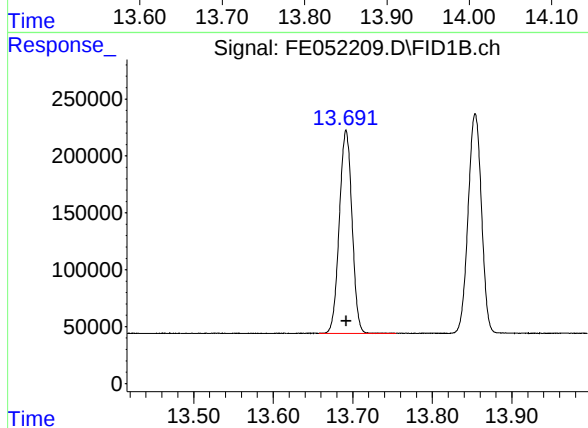
#10 n-Eicosane (C20)

R.T.: 13.244 min
Delta R.T.: 0.000 min
Response: 2257366
Conc: 20.00 ug/ml



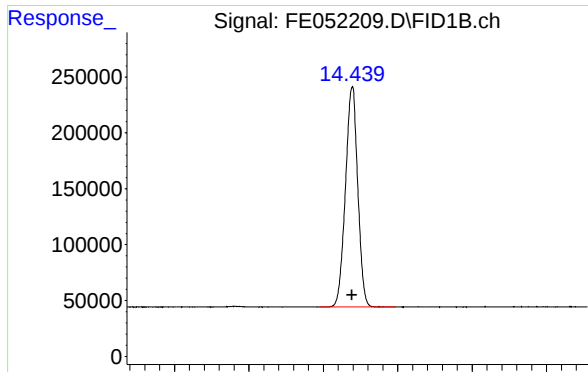
#11 n-Heneicosane (C21)

R.T.: 13.854 min
Delta R.T.: 0.000 min
Response: 2250622
Conc: 19.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.692 min
Delta R.T.: 0.000 min
Response: 1974452
Conc: 20.01 ug/ml



#13 n-Docosane (C22)

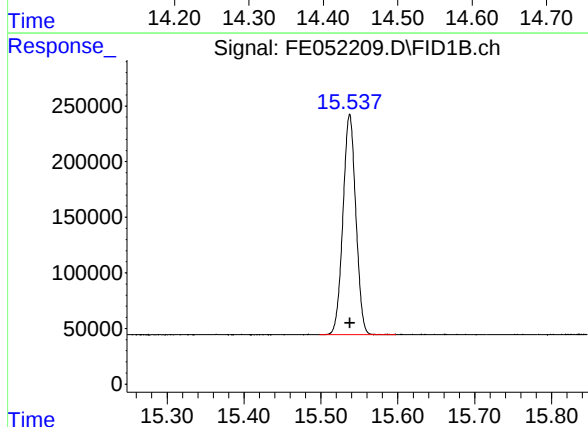
R.T.: 14.439 min
Delta R.T.: 0.000 min
Response: 2262979
Conc: 19.99 ug/ml

Instrument :

FID_E

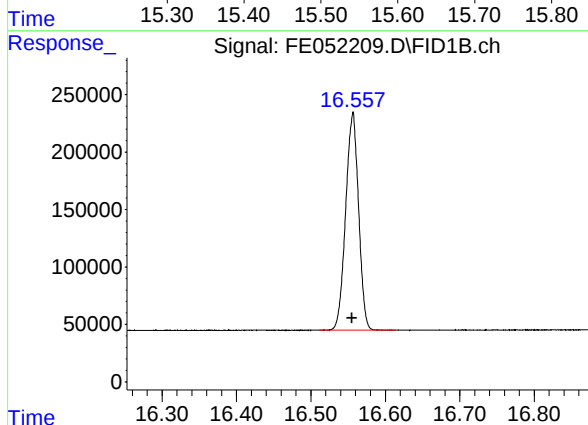
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



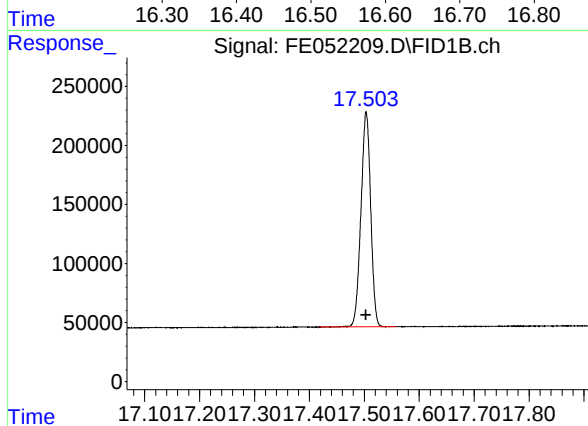
#14 n-Tetracosane (C24)

R.T.: 15.537 min
Delta R.T.: 0.000 min
Response: 2294707
Conc: 19.96 ug/ml



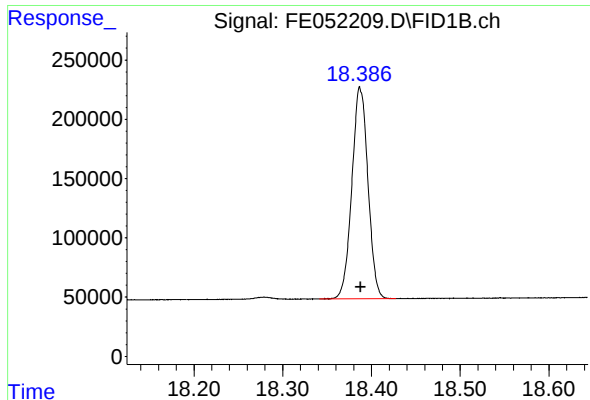
#15 n-Hexacosane (C26)

R.T.: 16.556 min
Delta R.T.: 0.000 min
Response: 2282984
Conc: 19.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.504 min
Delta R.T.: 0.000 min
Response: 2244040
Conc: 19.83 ug/ml



#17 n-Tricontane (C30)

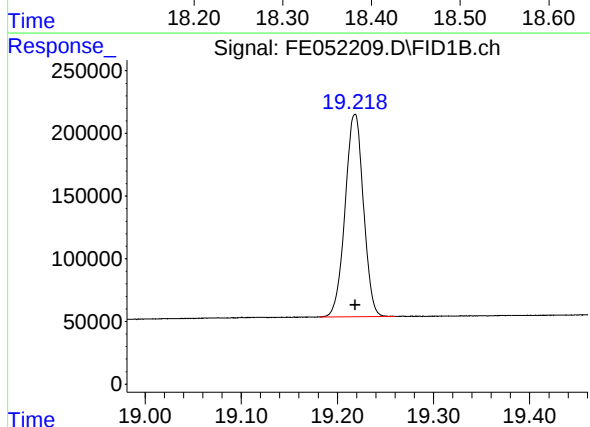
R.T.: 18.387 min
Delta R.T.: 0.000 min
Response: 2249645
Conc: 19.74 ug/ml

Instrument :

FID_E

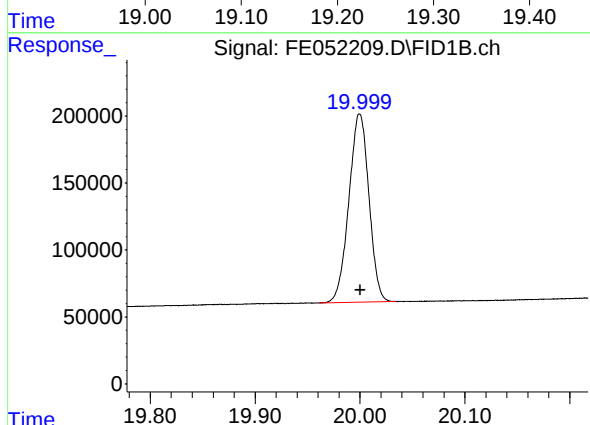
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



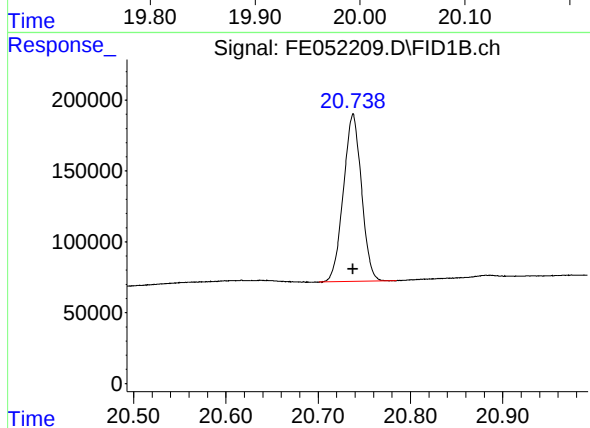
#18 n-Dotriacontane (C32)

R.T.: 19.218 min
Delta R.T.: 0.000 min
Response: 2140554
Conc: 19.63 ug/ml



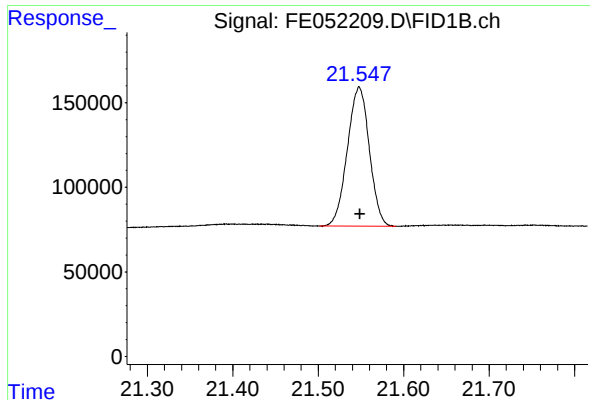
#19 n-Tetratriacontane (C34)

R.T.: 20.000 min
Delta R.T.: 0.000 min
Response: 1869168
Conc: 19.70 ug/ml



#20 n-Hexatriacontane (C36)

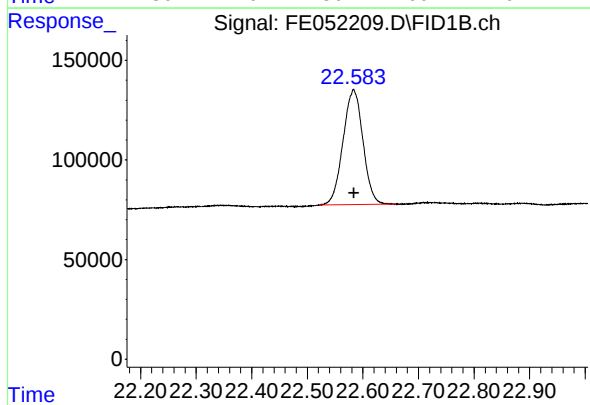
R.T.: 20.738 min
Delta R.T.: 0.000 min
Response: 1609147
Conc: 19.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.548 min
Delta R.T.: 0.000 min
Response: 1471524
Conc: 19.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.583 min
Delta R.T.: 0.000 min
Response: 1437571
Conc: 19.28 ug/ml