

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080923AL\
 Data File : FE043834.D
 Signal(s) : FID1B.ch
 Acq On : 09 Aug 2023 19:55
 Operator : YP\AJ
 Sample : 03939-06MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ORA-1748-1719-1750-1751-1752-1753-1754MSD

Integration File: autoint1.e
 Quant Time: Aug 10 00:03:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 2023
 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)	11.944	6131944	29.756 ug/ml
Spiked Amount 50.000		Recovery =	59.51%
12) S 1-chlorooctadecane (S...	13.381	4545817	29.131 ug/ml
Spiked Amount 50.000		Recovery =	58.26%
Target Compounds			
1) T n-Nonane (C9)	3.333	5080379	31.460 ug/ml
2) T n-Decane (C10)	4.584	5844813	35.463 ug/ml
3) T A~Naphthalene (C11.7)	6.281	6770626	37.187 ug/ml
4) T n-Dodecane (C12)	6.745	6416447	38.338 ug/ml
5) T A~2-methylnaphthalene...	7.377	6869548	38.587 ug/ml
6) T n-Tetradecane (C14)	8.574	6734030	39.969 ug/ml
7) T n-Hexadecane (C16)	10.182	7200387	40.818 ug/ml
8) T n-Octadecane (C18)	11.627	7472955	41.253 ug/ml
10) T n-Eicosane (C20)	12.939	7594178	42.913 ug/ml
11) T n-Heneicosane (C21)	13.551	7319170	41.337 ug/ml
13) T n-Docosane (C22)	14.137	7239625	41.275 ug/ml
14) T n-Tetracosane (C24)	15.243	6230882	35.463 ug/ml
15) T n-Hexacosane (C26)	16.265	6769356	39.167 ug/ml
16) T n-Octacosane (C28)	17.216	6582038	39.338 ug/ml
17) T n-Tricontane (C30)	18.105	6356976	38.381 ug/ml
18) T n-Dotriacontane (C32)	18.939	6011047	38.071 ug/ml
19) T n-Tetratriacontane (C34)	19.724	5499425	37.009 ug/ml
20) T n-Hexatriacontane (C36)	20.466	4988586	35.689 ug/ml
21) T n-Octatriacontane (C38)	21.209	4962747	37.200 ug/ml
22) T n-Tetracontane (C40)	22.135	5032084	39.000 ug/ml

(f)=RT Delta > 1/2 Window

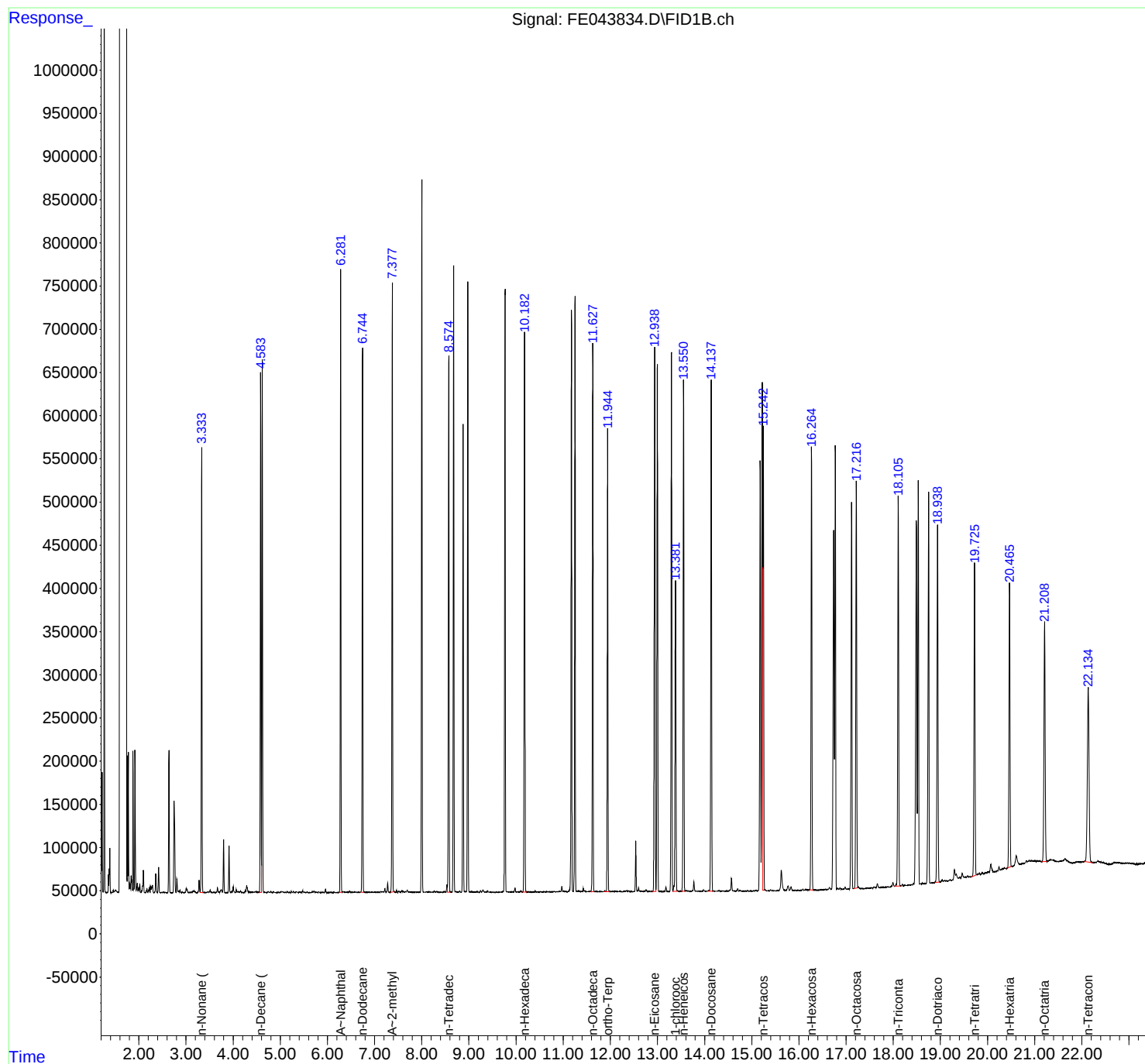
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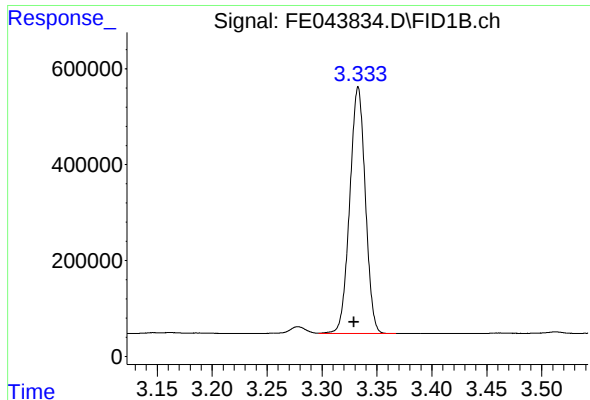
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#1 n-Nonane (C9)

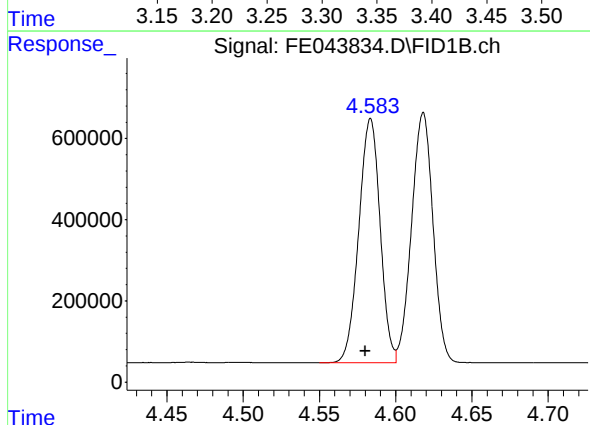
R.T.: 3.333 min
Delta R.T.: 0.004 min
Response: 5080379
Conc: 31.46 ug/ml

Instrument :

FID_E

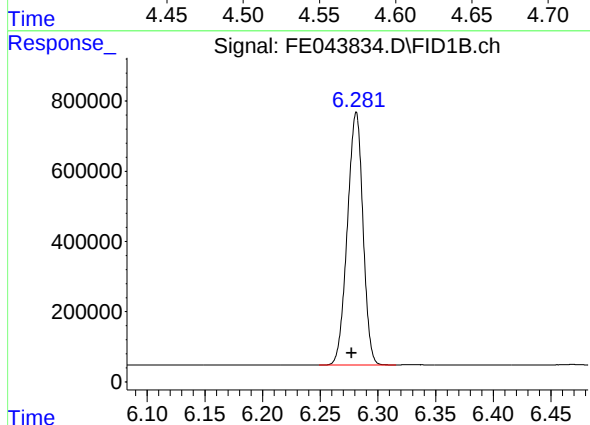
ClientSampleId :

ORA-1748-1719-1750-1751-1752-1753-1754MSD



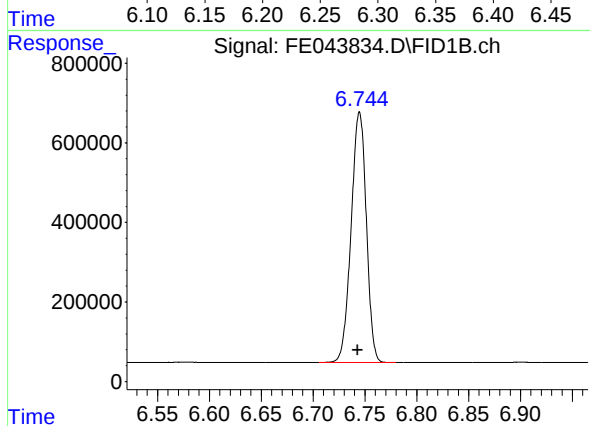
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: 0.004 min
Response: 5844813
Conc: 35.46 ug/ml



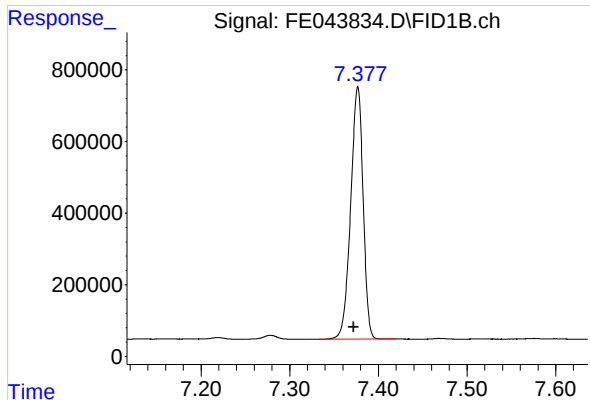
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: 0.004 min
Response: 6770626
Conc: 37.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.745 min
Delta R.T.: 0.002 min
Response: 6416447
Conc: 38.34 ug/ml



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

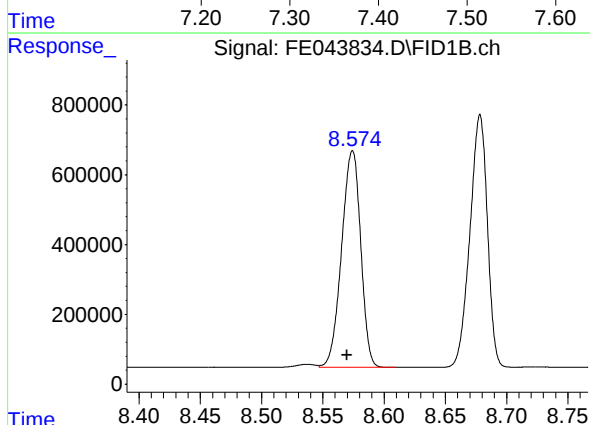
R.T.: 7.377 min
Delta R.T.: 0.005 min
Response: 6869548
Conc: 38.59 ug/ml

Instrument :

FID_E

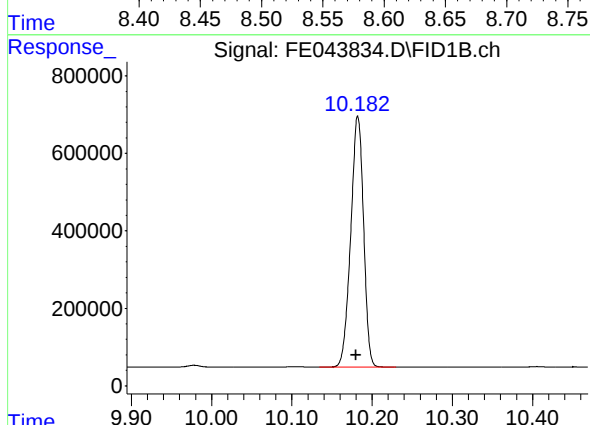
ClientSampleId :

ORA-1748-1719-1750-1751-1752-1753-1754MSD



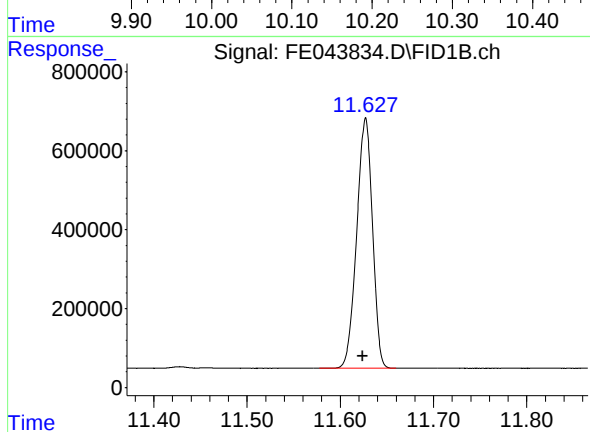
#6 n-Tetradecane (C14)

R.T.: 8.574 min
Delta R.T.: 0.005 min
Response: 6734030
Conc: 39.97 ug/ml



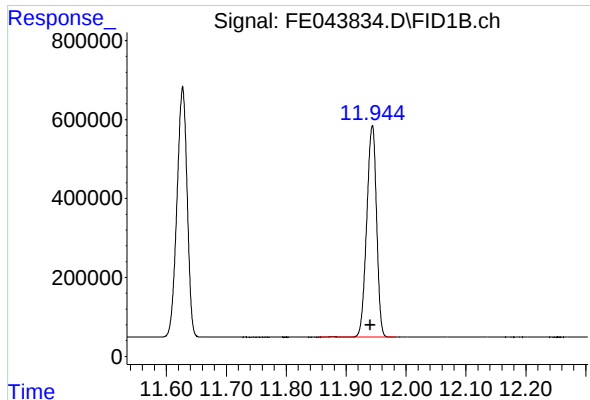
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: 0.002 min
Response: 7200387
Conc: 40.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.627 min
Delta R.T.: 0.003 min
Response: 7472955
Conc: 41.25 ug/ml



#9 ortho-Terphenyl (SURR)

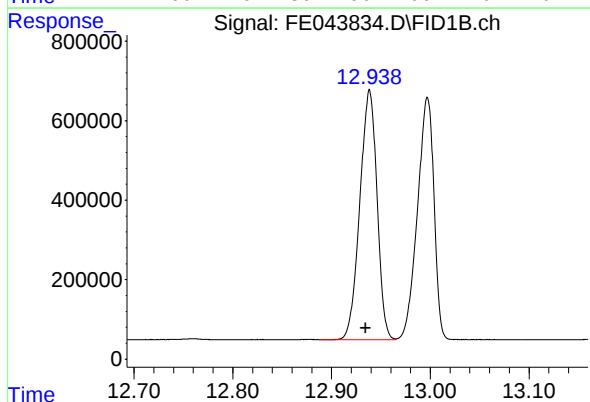
R.T.: 11.944 min
Delta R.T.: 0.004 min
Response: 6131944
Conc: 29.76 ug/ml

Instrument :

FID_E

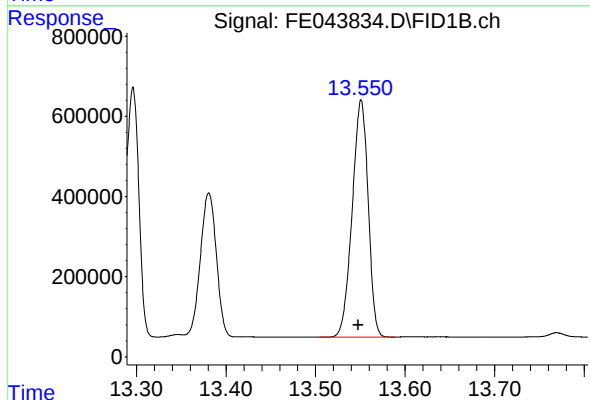
ClientSampleId :

ORA-1748-1719-1750-1751-1752-1753-1754MSD



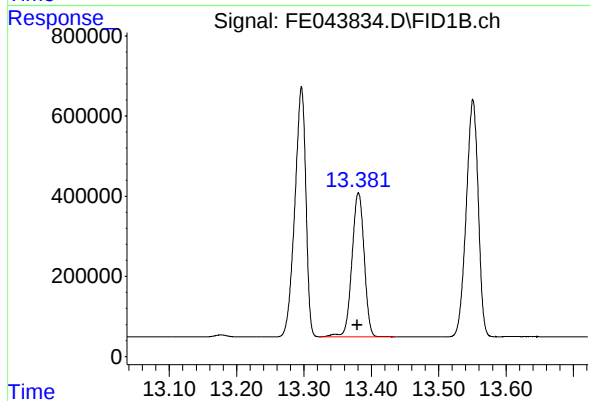
#10 n-Eicosane (C20)

R.T.: 12.939 min
Delta R.T.: 0.004 min
Response: 7594178
Conc: 42.91 ug/ml



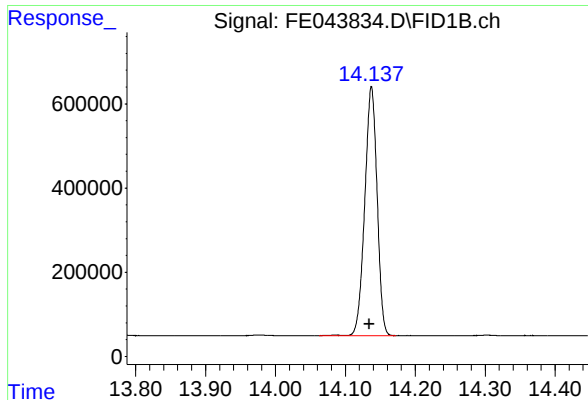
#11 n-Heneicosane (C21)

R.T.: 13.551 min
Delta R.T.: 0.003 min
Response: 7319170
Conc: 41.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.381 min
Delta R.T.: 0.002 min
Response: 4545817
Conc: 29.13 ug/ml



#13 n-Docosane (C22)

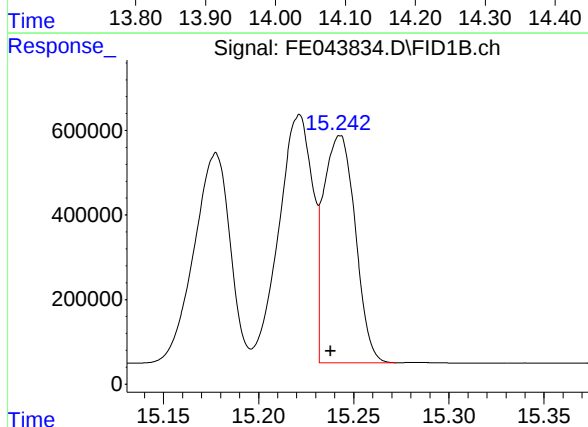
R.T.: 14.137 min
Delta R.T.: 0.003 min
Response: 7239625
Conc: 41.27 ug/ml

Instrument :

FID_E

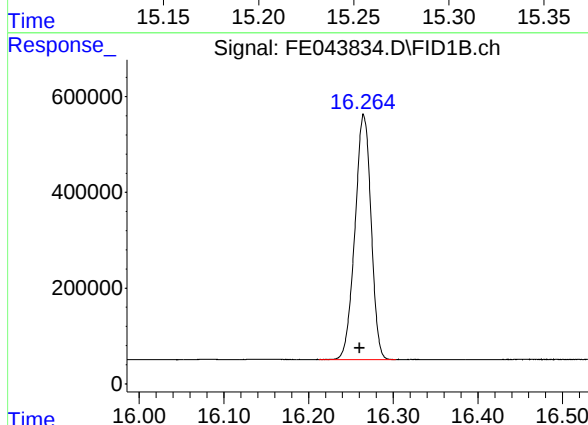
ClientSampleId :

ORA-1748-1719-1750-1751-1752-1753-1754MSD



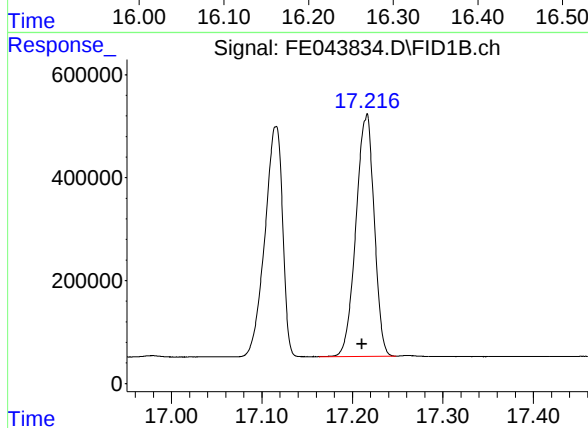
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: 0.005 min
Response: 6230882
Conc: 35.46 ug/ml



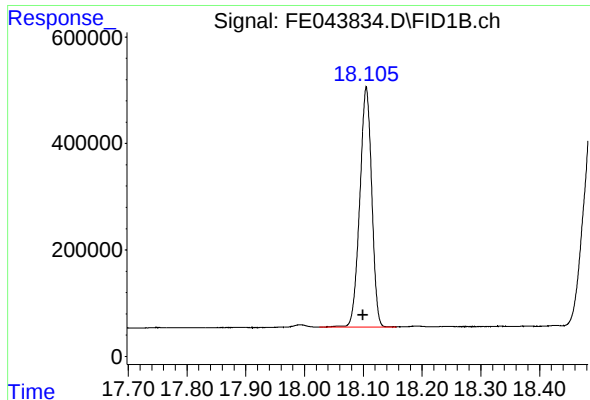
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: 0.005 min
Response: 6769356
Conc: 39.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.216 min
Delta R.T.: 0.005 min
Response: 6582038
Conc: 39.34 ug/ml



#17 n-Tricontane (C30)

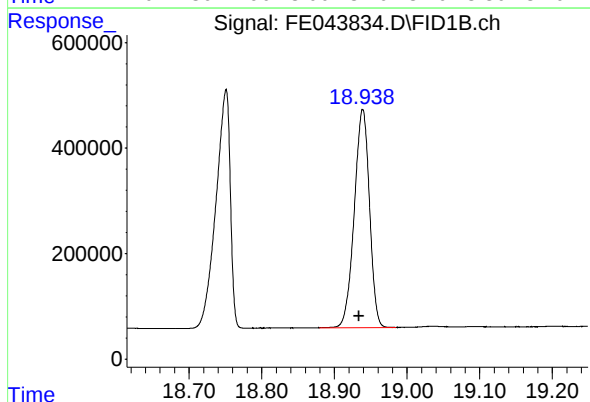
R.T.: 18.105 min
Delta R.T.: 0.005 min
Response: 6356976
Conc: 38.38 ug/ml

Instrument :

FID_E

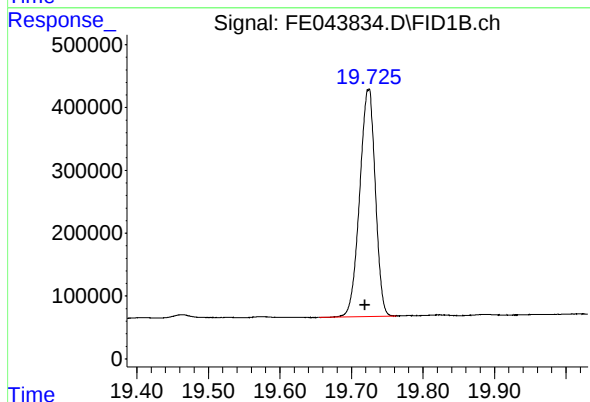
ClientSampleId :

ORA-1748-1719-1750-1751-1752-1753-1754MSD



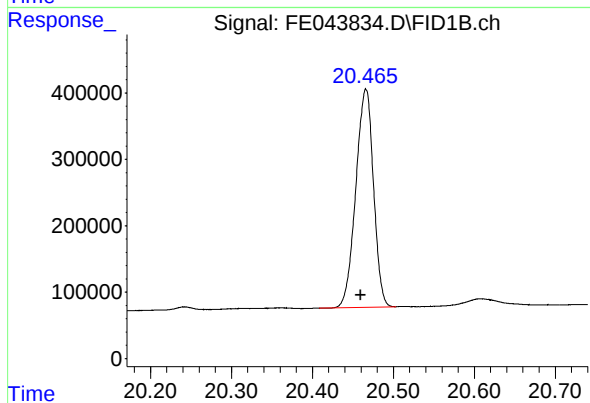
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: 0.005 min
Response: 6011047
Conc: 38.07 ug/ml



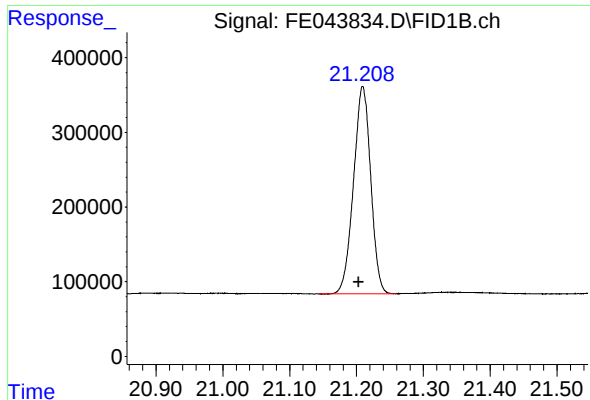
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: 0.005 min
Response: 5499425
Conc: 37.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.466 min
Delta R.T.: 0.006 min
Response: 4988586
Conc: 35.69 ug/ml



#21 n-Octatriacontane (C38)

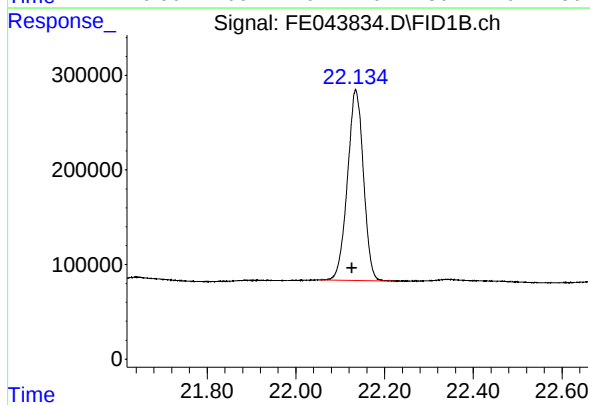
R.T.: 21.209 min
Delta R.T.: 0.006 min
Response: 4962747
Conc: 37.20 ug/ml

Instrument :

FID_E

ClientSampleId :

ORA-1748-1719-1750-1751-1752-1753-1754MSD



#22 n-Tetracontane (C40)

R.T.: 22.135 min
Delta R.T.: 0.008 min
Response: 5032084
Conc: 39.00 ug/ml