

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083023AL\
 Data File : FE044044.D
 Signal(s) : FID1B.ch
 Acq On : 30 Aug 2023 23:35
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Aug 31 03:30:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:30:37 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)	11.937	3889408	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.375	2840782	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.323	3331366	20.000 ug/ml
2) T n-Decane (C10)	4.574	3409115	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.275	3668095	20.000 ug/ml
4) T n-Dodecane (C12)	6.739	3450901	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.371	3514240	20.000 ug/ml
6) T n-Tetradecane (C14)	8.566	3433200	20.000 ug/ml
7) T n-Hexadecane (C16)	10.175	3545464	20.000 ug/ml
8) T n-Octadecane (C18)	11.620	3570720	20.000 ug/ml
10) T n-Eicosane (C20)	12.930	3392813	20.000 ug/ml
11) T n-Heneicosane (C21)	13.543	3319852	20.000 ug/ml
13) T n-Docosane (C22)	14.130	3279719	20.000 ug/ml
14) T n-Tetracosane (C24)	15.234	3213664	20.000 ug/ml
15) T n-Hexacosane (C26)	16.256	3099152	20.000 ug/ml
16) T n-Octacosane (C28)	17.206	2965238	20.000 ug/ml
17) T n-Tricontane (C30)	18.095	2976648	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.929	2911355	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.715	2857716	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.457	2804419	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.200	2859503	20.000 ug/ml
22) T n-Tetracontane (C40)	22.124	2869412	20.000 ug/ml

(f)=RT Delta > 1/2 Window

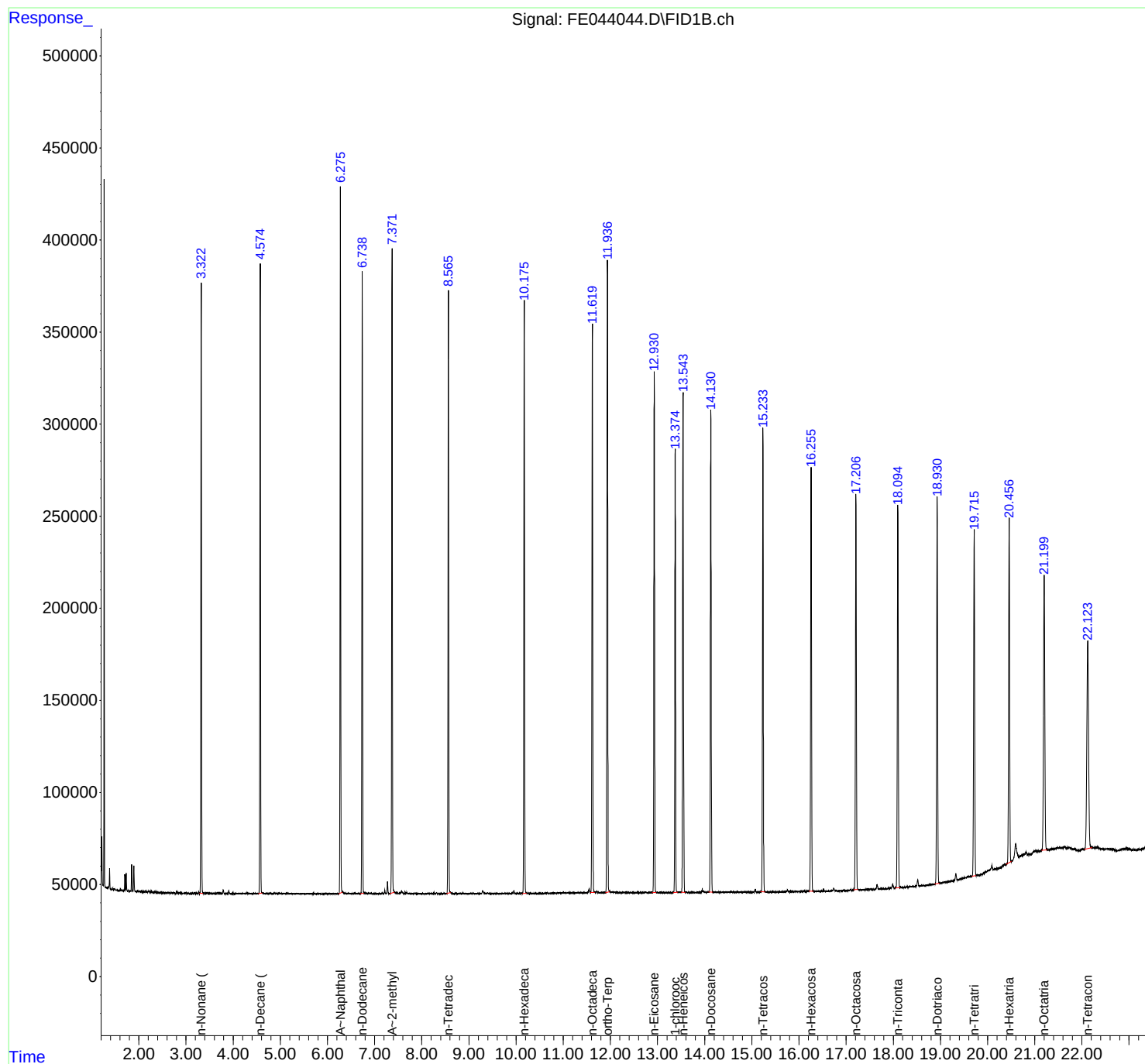
(m)=manual int.

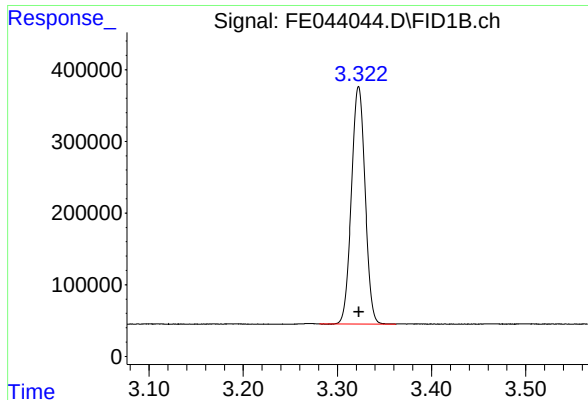
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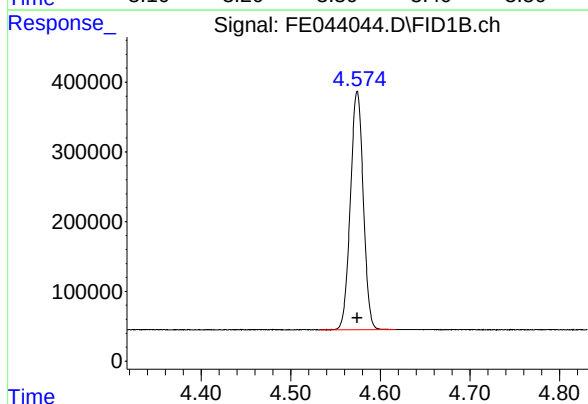




#1 n-Nonane (C9)

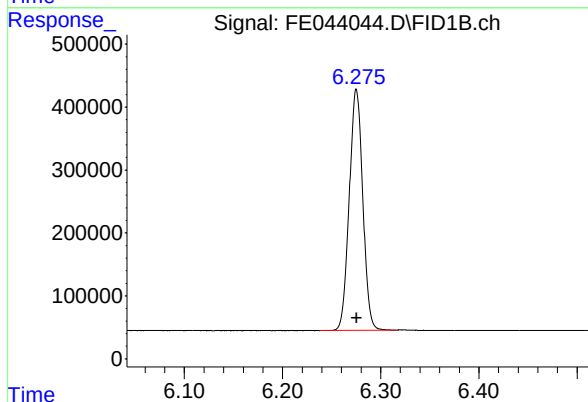
R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 3331366
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



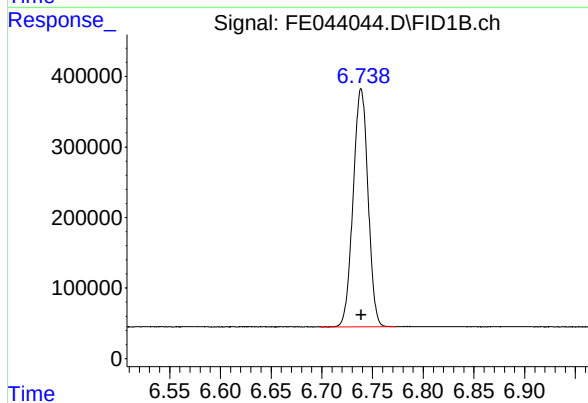
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 3409115
Conc: 20.00 ug/ml



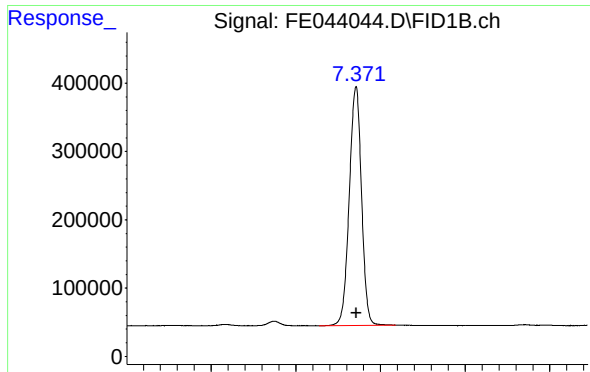
#3 A~Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 3668095
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

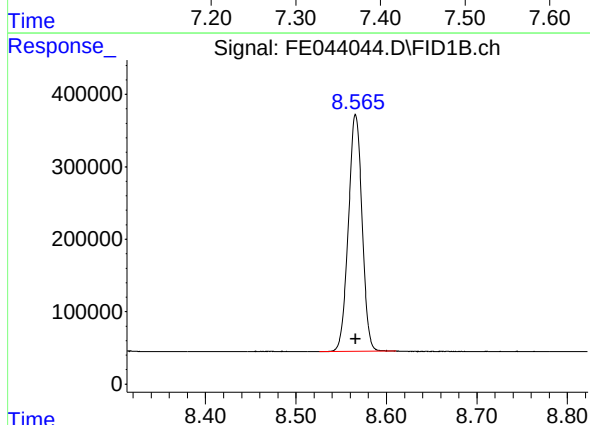
R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 3450901
Conc: 20.00 ug/ml



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

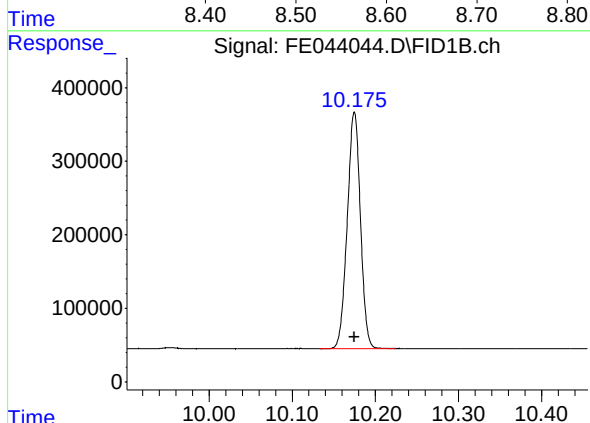
R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 3514240
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



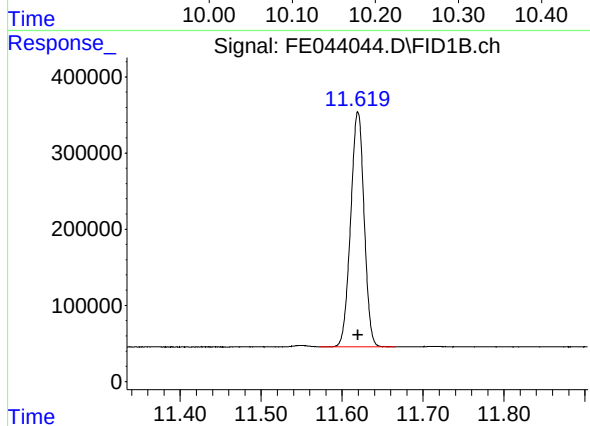
#6 n-Tetradecane (C14)

R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 3433200
Conc: 20.00 ug/ml



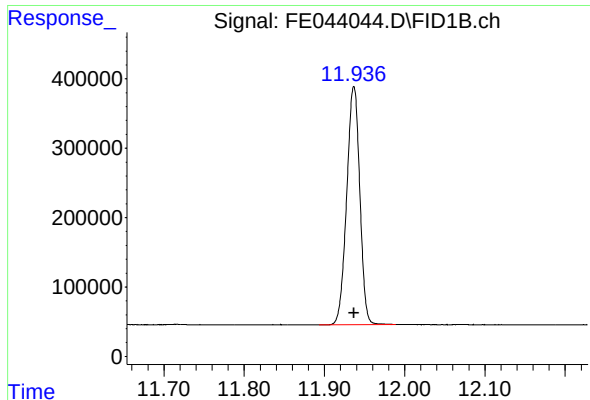
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: 0.000 min
Response: 3545464
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

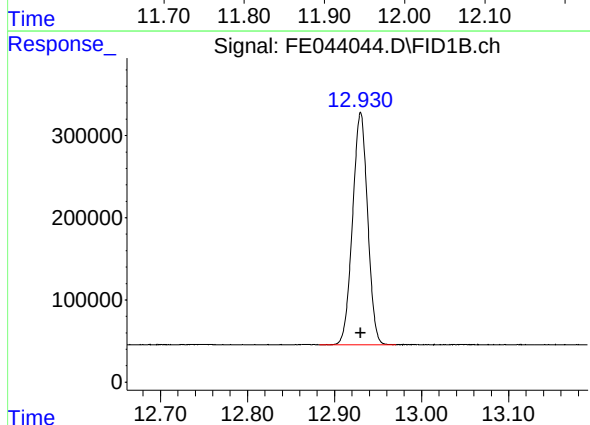
R.T.: 11.620 min
Delta R.T.: 0.000 min
Response: 3570720
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

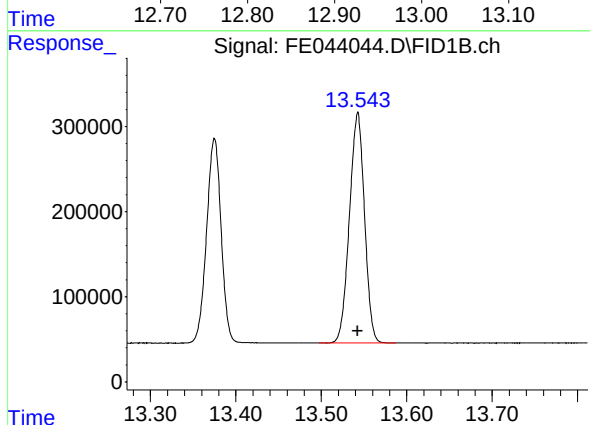
R.T.: 11.937 min
Delta R.T.: 0.000 min
Response: 3889408
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



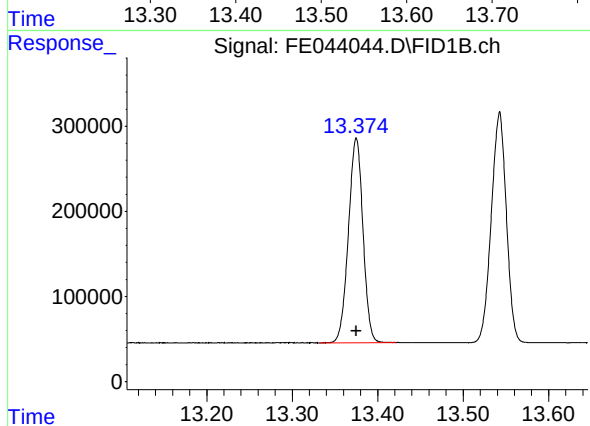
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: 0.000 min
Response: 3392813
Conc: 20.00 ug/ml



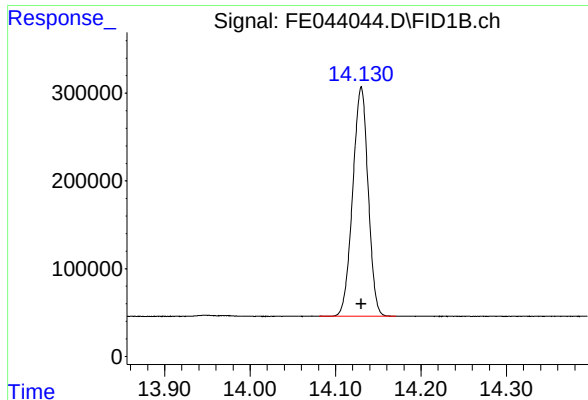
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: 0.000 min
Response: 3319852
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

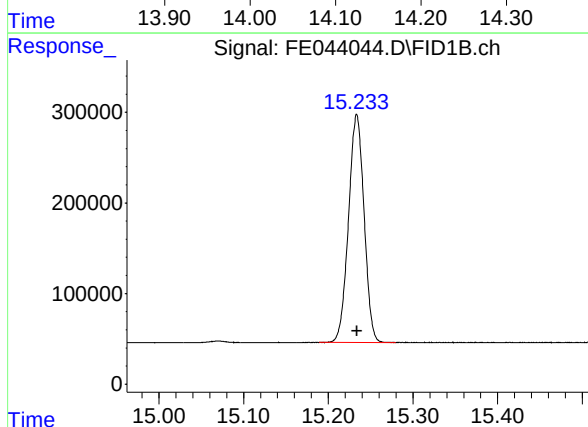
R.T.: 13.375 min
Delta R.T.: 0.000 min
Response: 2840782
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

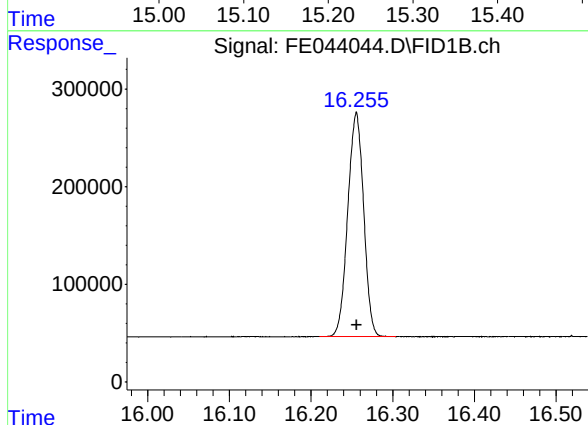
R.T.: 14.130 min
Delta R.T.: 0.000 min
Response: 3279719
Conc: 20.00 ug/ml

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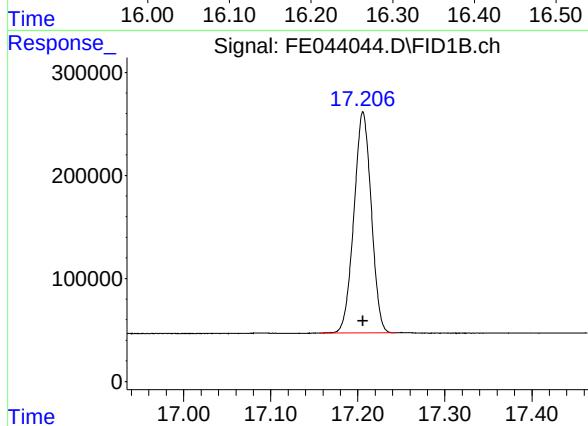
#14 n-Tetracosane (C24)

R.T.: 15.234 min
Delta R.T.: 0.000 min
Response: 3213664
Conc: 20.00 ug/ml



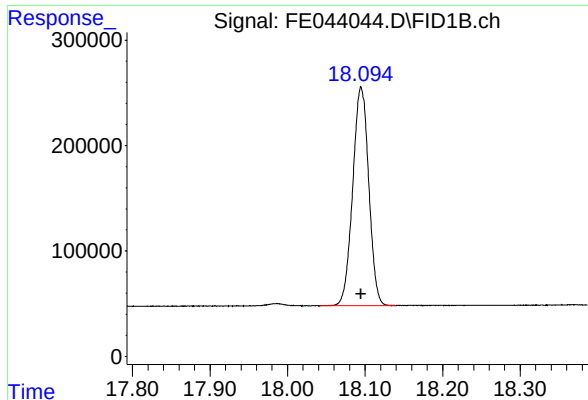
#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: 0.000 min
Response: 3099152
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

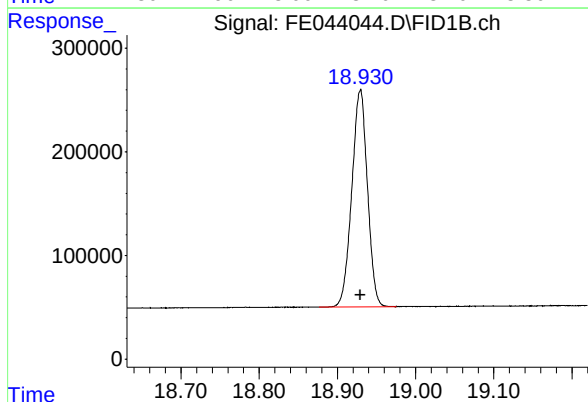
R.T.: 17.206 min
Delta R.T.: 0.000 min
Response: 2965238
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

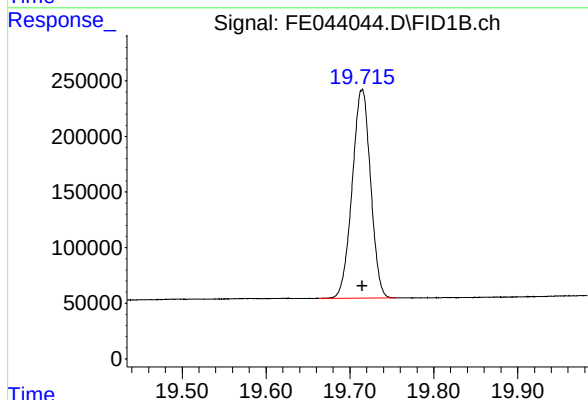
R.T.: 18.095 min
Delta R.T.: 0.000 min
Response: 2976648
Conc: 20.00 ug/ml

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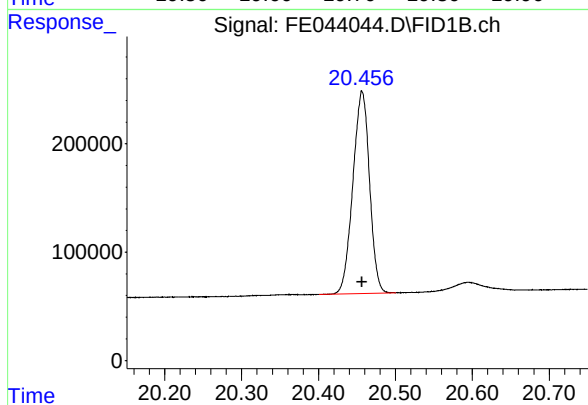
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: 0.000 min
Response: 2911355
Conc: 20.00 ug/ml



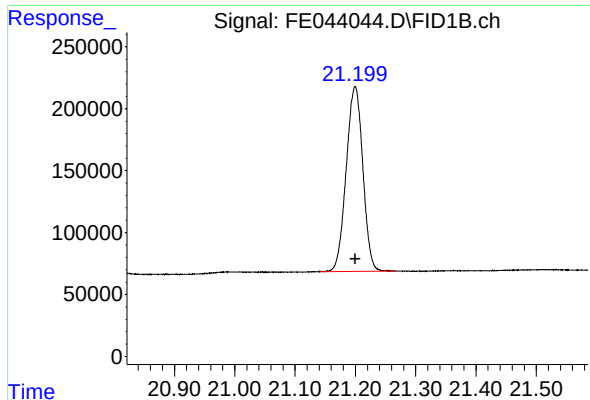
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: 0.000 min
Response: 2857716
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

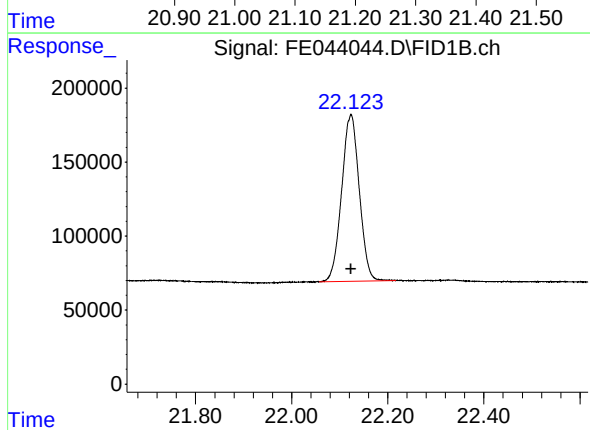
R.T.: 20.457 min
Delta R.T.: 0.000 min
Response: 2804419
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: 0.000 min
Response: 2859503
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.124 min
Delta R.T.: 0.000 min
Response: 2869412
Conc: 20.00 ug/ml