

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080523AL\
 Data File : FE043748.D
 Signal(s) : FID1B.ch
 Acq On : 04 Aug 2023 12:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Aug 05 05:50:15 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)	11.937	4602481	22.334 ug/ml
Spiked Amount 50.000		Recovery =	44.67%
12) S 1-chlorooctadecane (S...	13.376	3480853	22.306 ug/ml
Spiked Amount 50.000		Recovery =	44.61%
Target Compounds			
1) T n-Nonane (C9)	3.327	3635631	22.514 ug/ml
2) T n-Decane (C10)	4.578	3763472	22.835 ug/ml
3) T A~Naphthalene (C11.7)	6.275	4149790	22.792 ug/ml
4) T n-Dodecane (C12)	6.741	3820063	22.825 ug/ml
5) T A~2-methylnaphthalene...	7.371	4063854	22.827 ug/ml
6) T n-Tetradecane (C14)	8.568	3830148	22.733 ug/ml
7) T n-Hexadecane (C16)	10.177	3991390	22.627 ug/ml
8) T n-Octadecane (C18)	11.621	4086395	22.558 ug/ml
10) T n-Eicosane (C20)	12.931	3976896	22.472 ug/ml
11) T n-Heneicosane (C21)	13.545	3931432	22.204 ug/ml
13) T n-Docosane (C22)	14.131	3914653	22.318 ug/ml
14) T n-Tetracosane (C24)	15.235	3894889	22.168 ug/ml
15) T n-Hexacosane (C26)	16.257	3795282	21.959 ug/ml
16) T n-Octacosane (C28)	17.208	3639638	21.753 ug/ml
17) T n-Tricontane (C30)	18.096	3583132	21.634 ug/ml
18) T n-Dotriacontane (C32)	18.930	3424517	21.689 ug/ml
19) T n-Tetratriacontane (C34)	19.714	3260994	21.945 ug/ml
20) T n-Hexatriacontane (C36)	20.457	3095106	22.143 ug/ml
21) T n-Octatriacontane (C38)	21.199	3027641	22.695 ug/ml
22) T n-Tetracontane (C40)	22.123	2969986	23.018 ug/ml

(f)=RT Delta > 1/2 Window

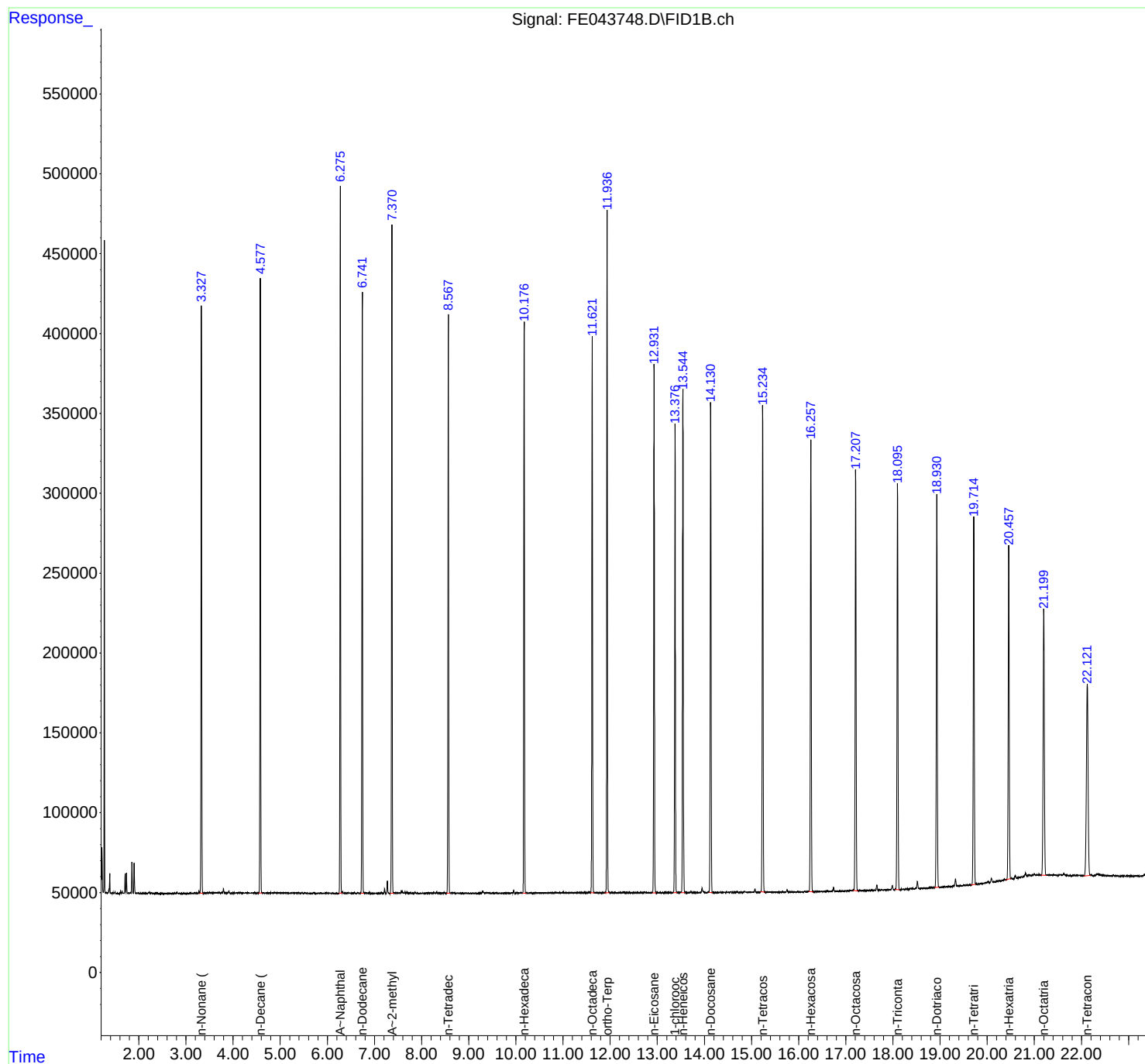
(m)=manual int.

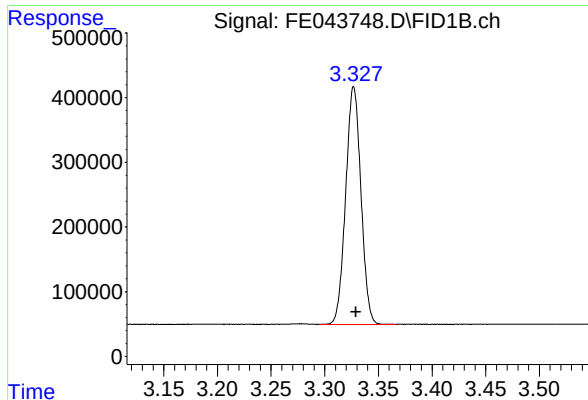
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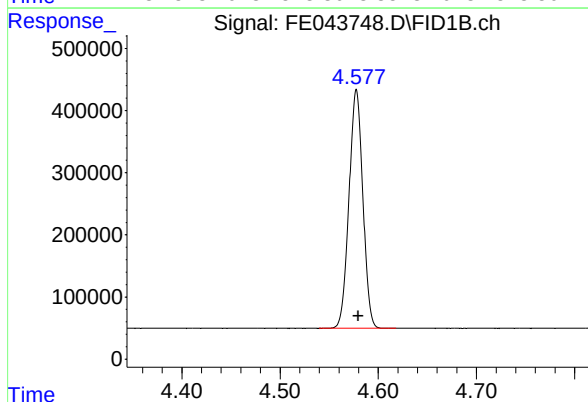




#1 n-Nonane (C9)

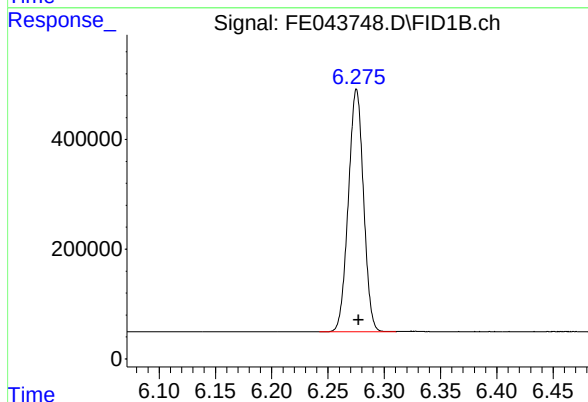
R.T.: 3.327 min
Delta R.T.: -0.002 min
Response: 3635631
Conc: 22.51 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



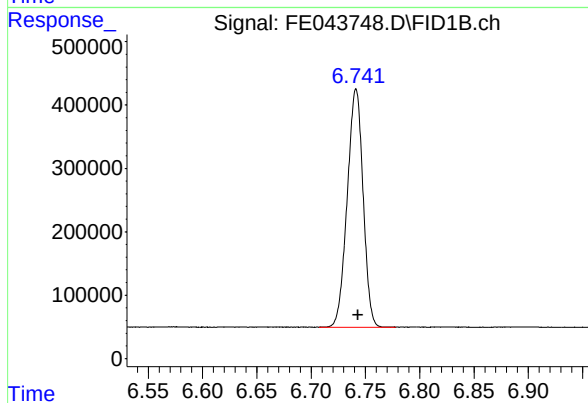
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.002 min
Response: 3763472
Conc: 22.83 ug/ml



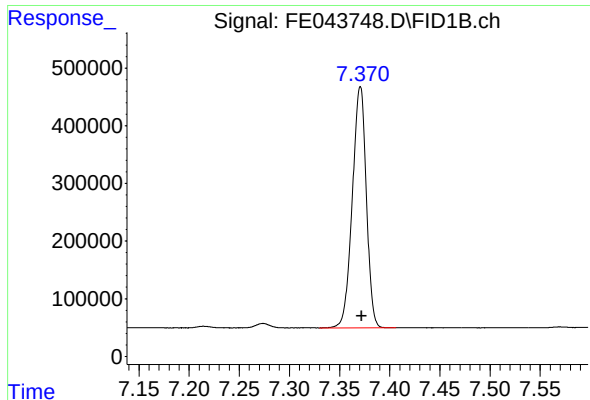
#3 A~Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.002 min
Response: 4149790
Conc: 22.79 ug/ml



#4 n-Dodecane (C12)

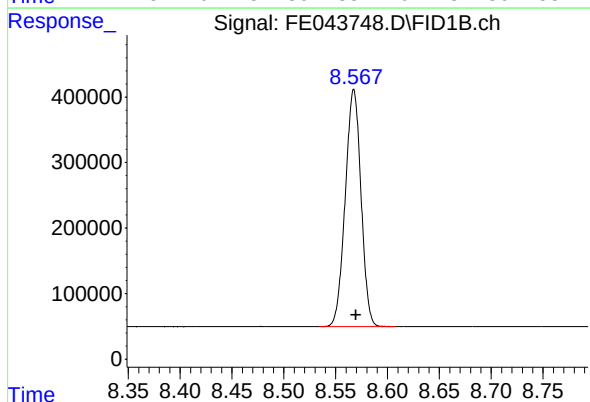
R.T.: 6.741 min
Delta R.T.: -0.002 min
Response: 3820063
Conc: 22.82 ug/ml



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

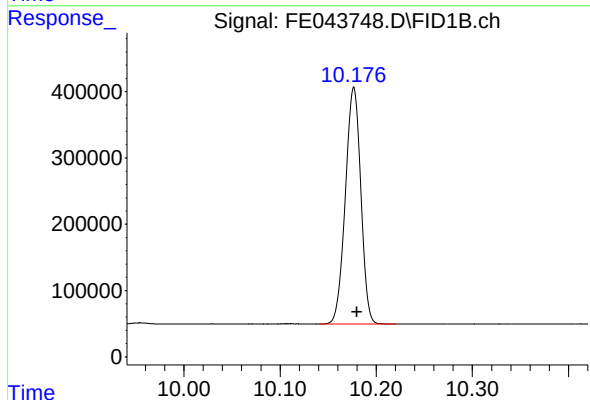
R.T.: 7.371 min
Delta R.T.: -0.001 min
Response: 4063854
Conc: 22.83 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



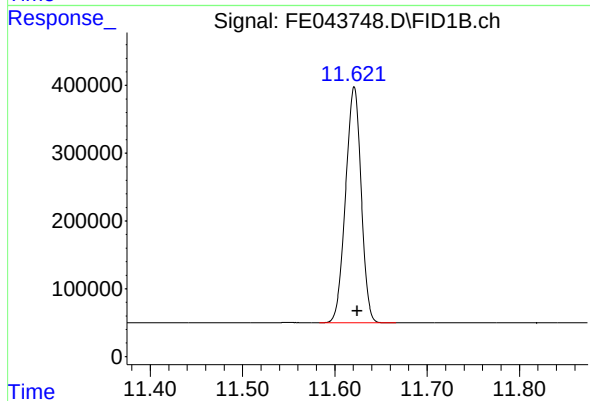
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 3830148
Conc: 22.73 ug/ml



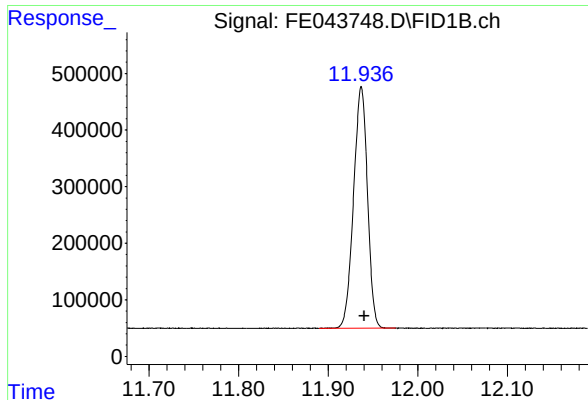
#7 n-Hexadecane (C16)

R.T.: 10.177 min
Delta R.T.: -0.003 min
Response: 3991390
Conc: 22.63 ug/ml



#8 n-Octadecane (C18)

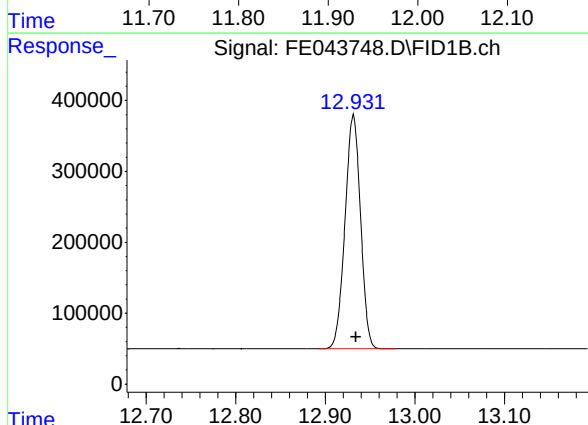
R.T.: 11.621 min
Delta R.T.: -0.003 min
Response: 4086395
Conc: 22.56 ug/ml



#9 ortho-Terphenyl (SURR)

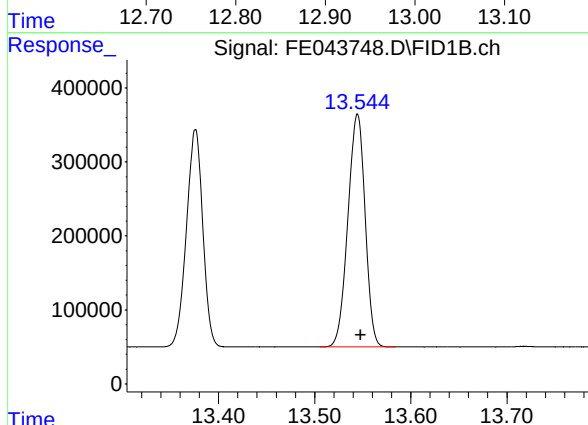
R.T.: 11.937 min
Delta R.T.: -0.003 min
Response: 4602481
Conc: 22.33 ug/ml

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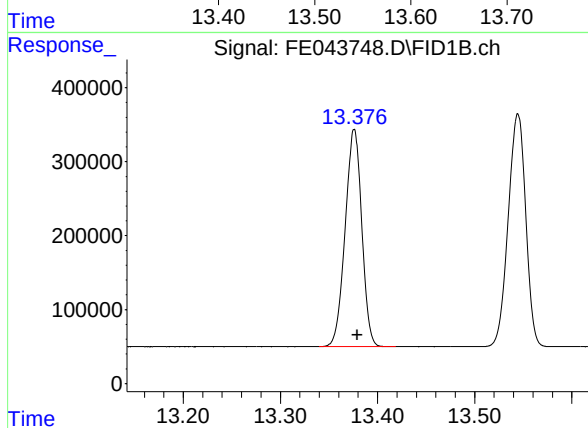
#10 n-Eicosane (C20)

R.T.: 12.931 min
Delta R.T.: -0.003 min
Response: 3976896
Conc: 22.47 ug/ml



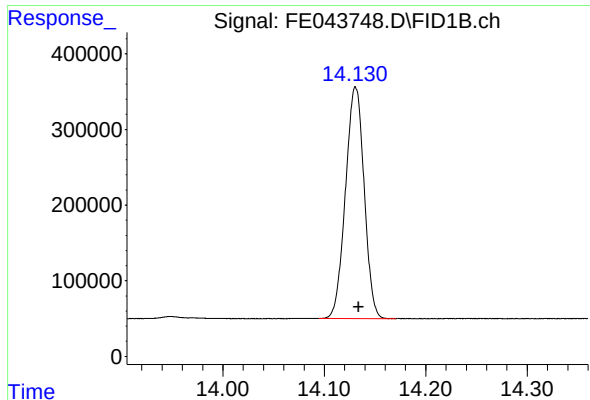
#11 n-Heneicosane (C21)

R.T.: 13.545 min
Delta R.T.: -0.003 min
Response: 3931432
Conc: 22.20 ug/ml



#12 1-chlorooctadecane (SURR)

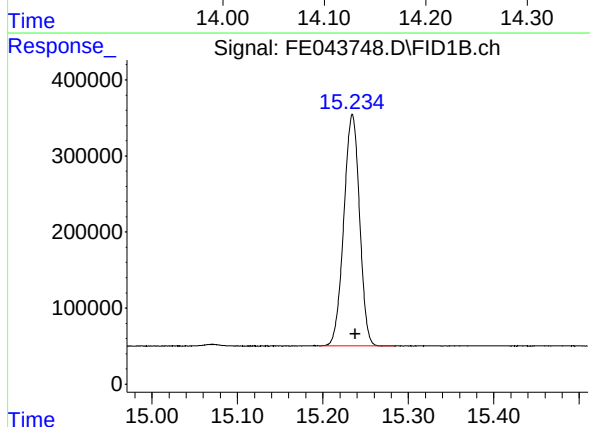
R.T.: 13.376 min
Delta R.T.: -0.003 min
Response: 3480853
Conc: 22.31 ug/ml



#13 n-Docosane (C22)

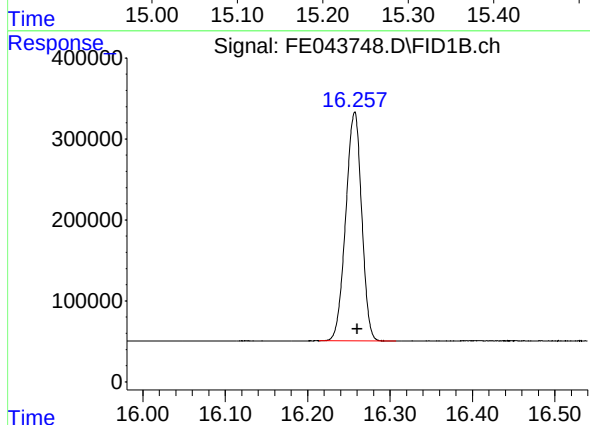
R.T.: 14.131 min
Delta R.T.: -0.003 min
Response: 3914653
Conc: 22.32 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



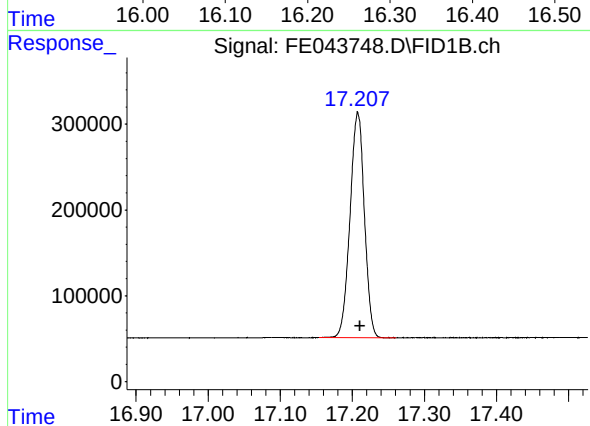
#14 n-Tetracosane (C24)

R.T.: 15.235 min
Delta R.T.: -0.003 min
Response: 3894889
Conc: 22.17 ug/ml



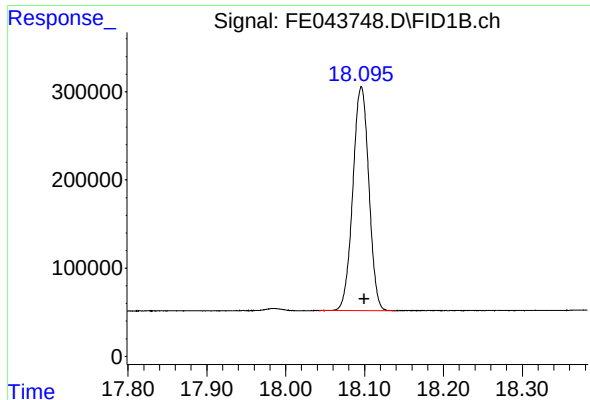
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: -0.003 min
Response: 3795282
Conc: 21.96 ug/ml



#16 n-Octacosane (C28)

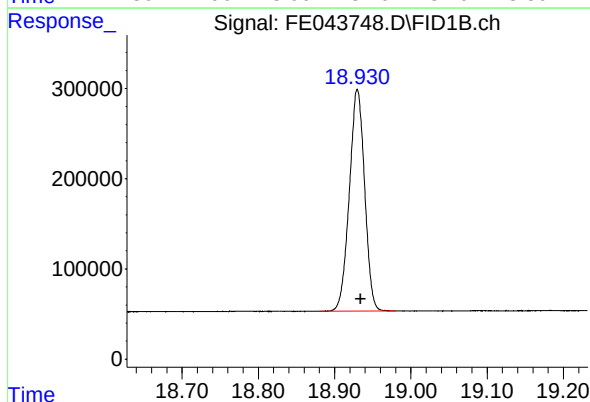
R.T.: 17.208 min
Delta R.T.: -0.003 min
Response: 3639638
Conc: 21.75 ug/ml



#17 n-Tricontane (C30)

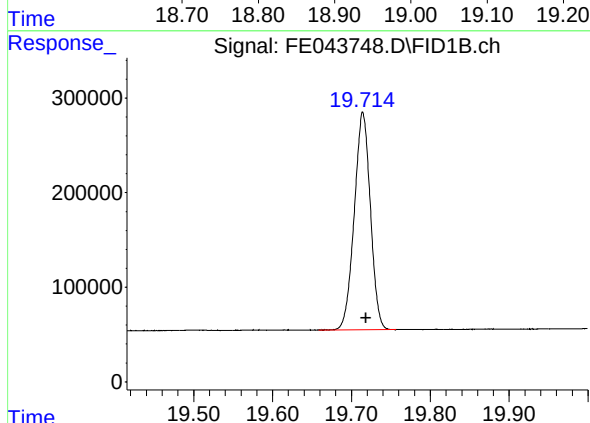
R.T.: 18.096 min
Delta R.T.: -0.004 min
Response: 3583132
Conc: 21.63 ug/ml

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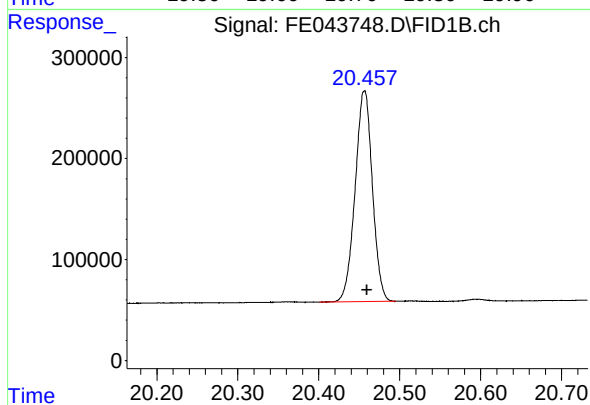
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: -0.004 min
Response: 3424517
Conc: 21.69 ug/ml



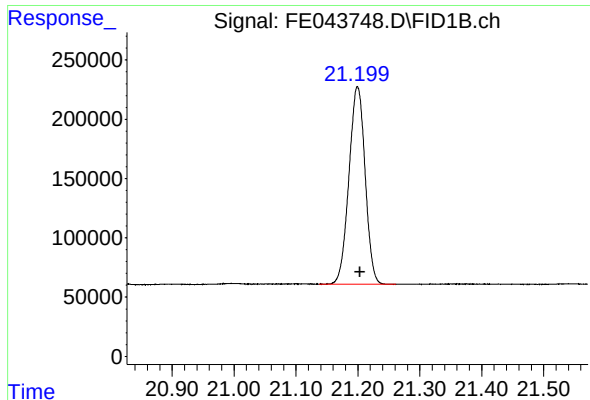
#19 n-Tetatriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.004 min
Response: 3260994
Conc: 21.94 ug/ml



#20 n-Hexatriacontane (C36)

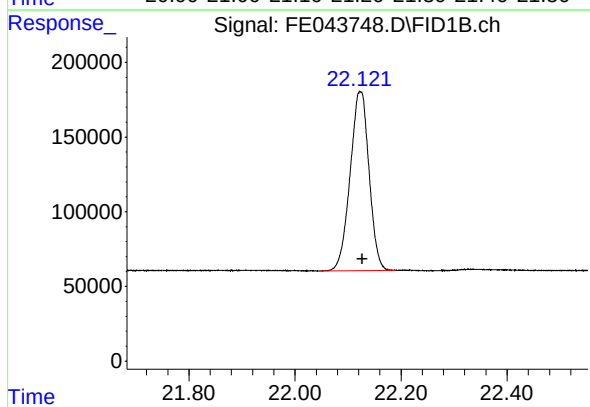
R.T.: 20.457 min
Delta R.T.: -0.003 min
Response: 3095106
Conc: 22.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: -0.004 min
Response: 3027641
Conc: 22.70 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: -0.004 min
Response: 2969986
Conc: 23.02 ug/ml