

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060523AL\
 Data File : FE042384.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jun 2023 16:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 06 03:33:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.955	3683634	20.861 ug/ml
Spiked Amount 50.000		Recovery =	41.72%
12) S 1-chlorooctadecane (S...	13.391	2709351	20.390 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
Target Compounds			
1) T n-Nonane (C9)	3.332	3009633	20.872 ug/ml
2) T n-Decane (C10)	4.585	3129686	21.141 ug/ml
3) T A~Naphthalene (C11.7)	6.295	3397708	20.824 ug/ml
4) T n-Dodecane (C12)	6.754	3168415	21.129 ug/ml
5) T A~2-methylnaphthalene...	7.392	3272542	20.621 ug/ml
6) T n-Tetradecane (C14)	8.584	3141441	20.970 ug/ml
7) T n-Hexadecane (C16)	10.192	3252165	20.878 ug/ml
8) T n-Octadecane (C18)	11.636	3282737	20.759 ug/ml
10) T n-Eicosane (C20)	12.946	3132852	20.668 ug/ml
11) T n-Heneicosane (C21)	13.558	3064899	20.687 ug/ml
13) T n-Docosane (C22)	14.145	3030548	20.673 ug/ml
14) T n-Tetracosane (C24)	15.248	2977345	20.625 ug/ml
15) T n-Hexacosane (C26)	16.269	2905770	20.981 ug/ml
16) T n-Octacosane (C28)	17.219	2881580	21.523 ug/ml
17) T n-Tricontane (C30)	18.108	3044355	22.552 ug/ml
18) T n-Dotriacontane (C32)	18.941	3058983	22.898 ug/ml
19) T n-Tetratriacontane (C34)	19.725	2944837	22.392 ug/ml
20) T n-Hexatriacontane (C36)	20.466	2869534	22.078 ug/ml
21) T n-Octatriacontane (C38)	21.217	2869470	21.150 ug/ml
22) T n-Tetracontane (C40)	22.151	2827674	20.326 ug/ml

(f)=RT Delta > 1/2 Window

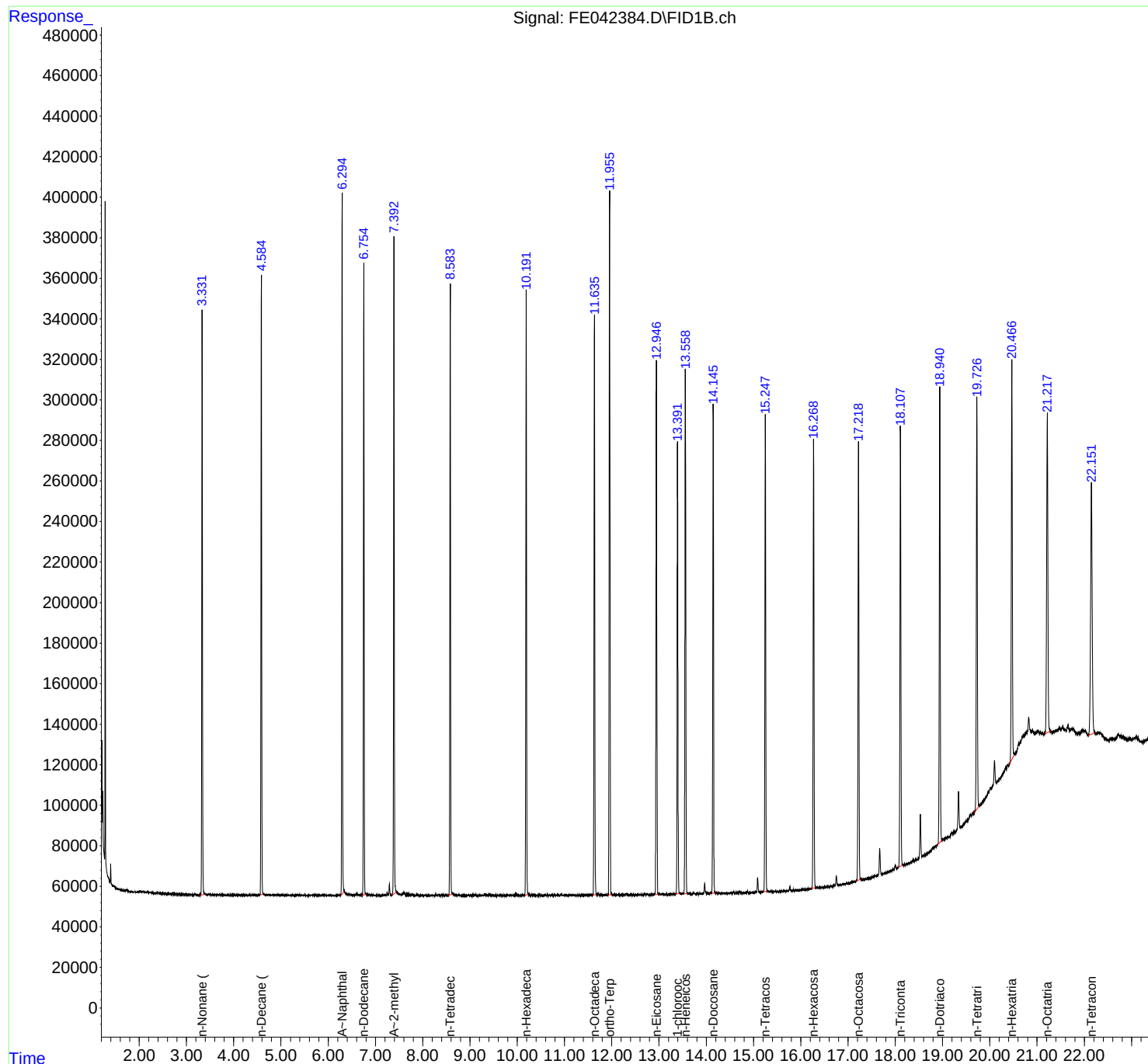
(m)=manual int.

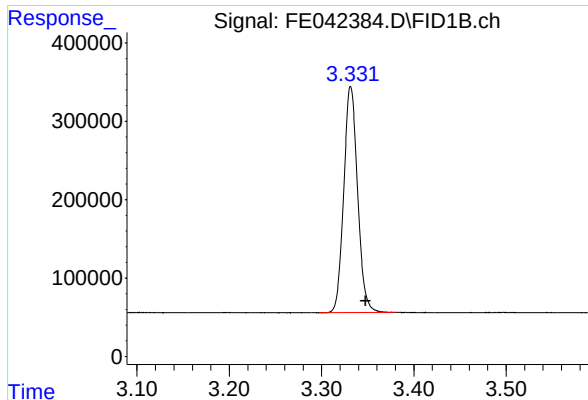
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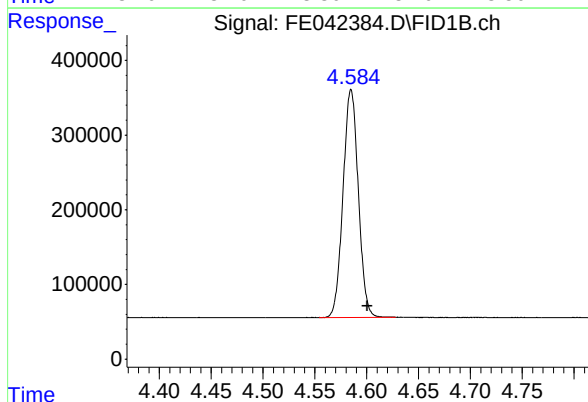




#1 n-Nonane (C9)

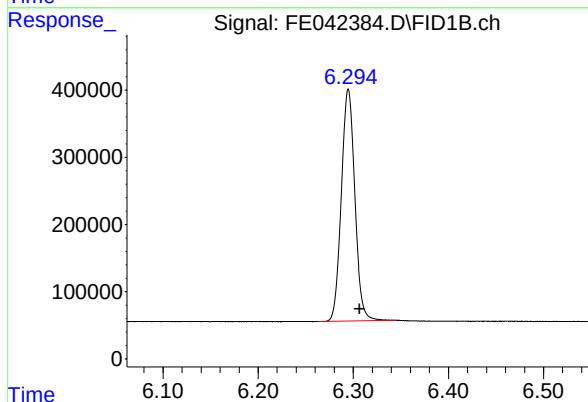
R.T.: 3.332 min
Delta R.T.: -0.016 min
Response: 3009633
Conc: 20.87 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



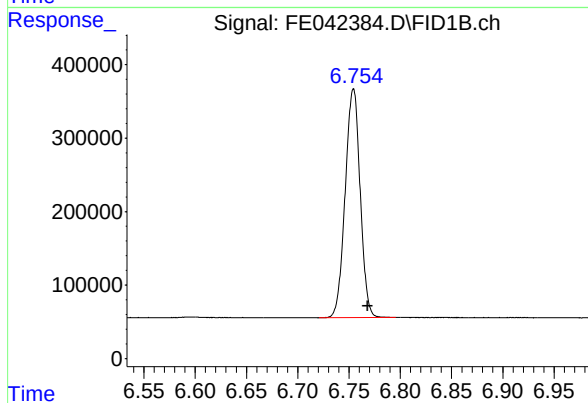
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: -0.016 min
Response: 3129686
Conc: 21.14 ug/ml



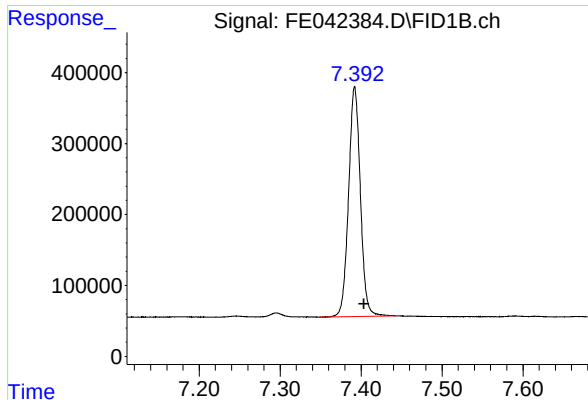
#3 A~Naphthalene (C11.7)

R.T.: 6.295 min
Delta R.T.: -0.012 min
Response: 3397708
Conc: 20.82 ug/ml



#4 n-Dodecane (C12)

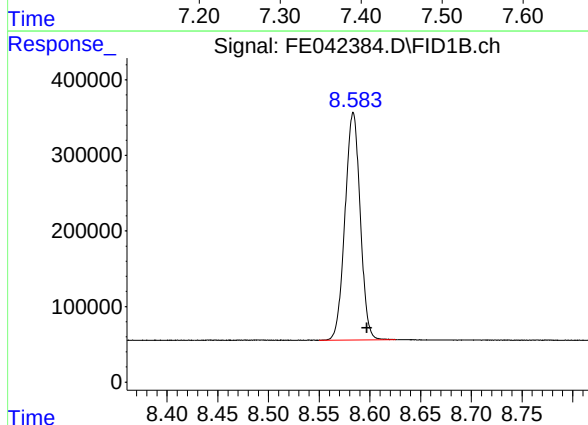
R.T.: 6.754 min
Delta R.T.: -0.014 min
Response: 3168415
Conc: 21.13 ug/ml



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

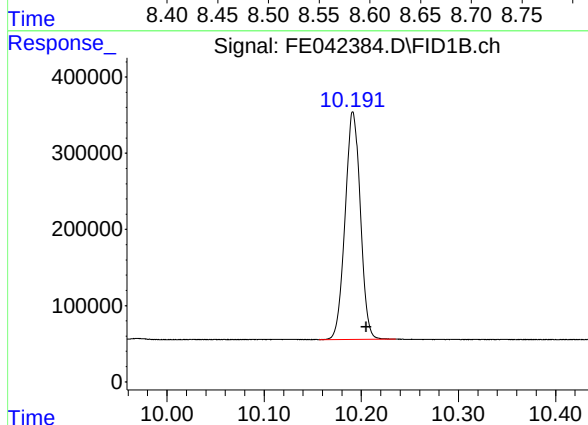
R.T.: 7.392 min
Delta R.T.: -0.012 min
Response: 3272542
Conc: 20.62 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



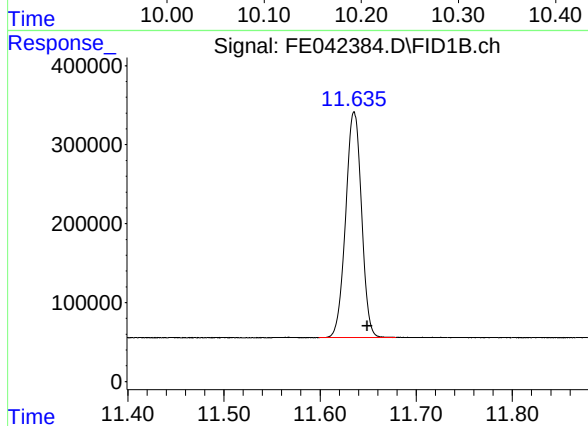
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: -0.014 min
Response: 3141441
Conc: 20.97 ug/ml



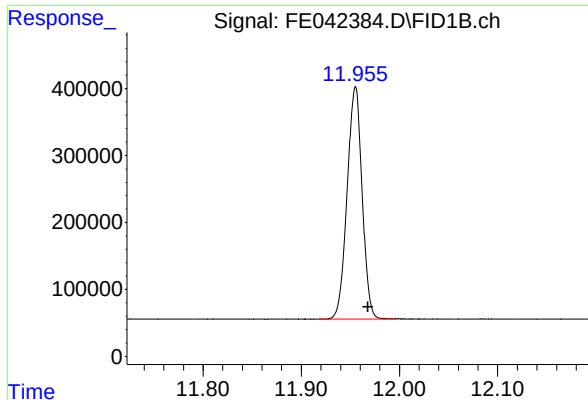
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: -0.014 min
Response: 3252165
Conc: 20.88 ug/ml



#8 n-Octadecane (C18)

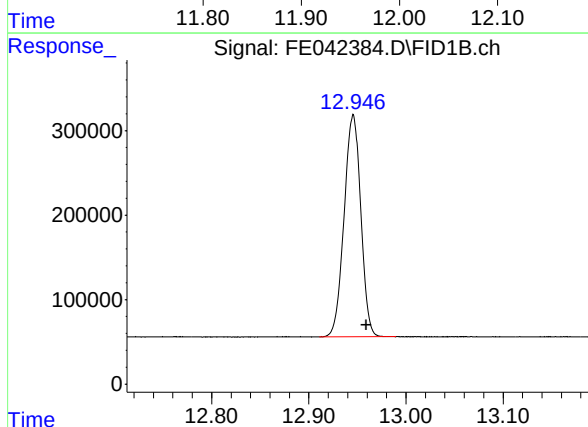
R.T.: 11.636 min
Delta R.T.: -0.014 min
Response: 3282737
Conc: 20.76 ug/ml



#9 ortho-Terphenyl (SURR)

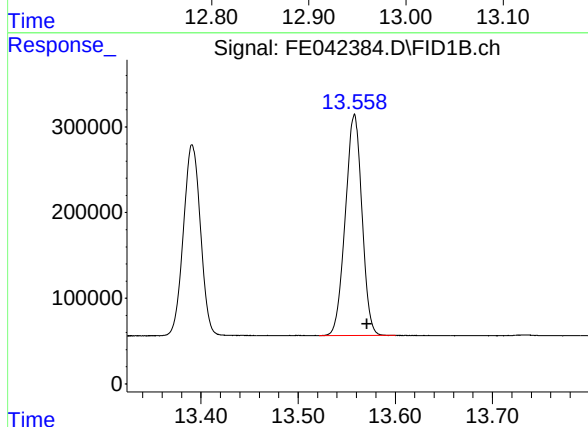
R.T.: 11.955 min
Delta R.T.: -0.013 min
Response: 3683634
Conc: 20.86 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



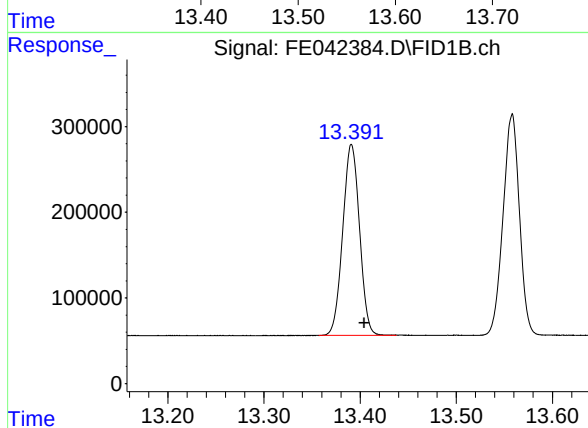
#10 n-Eicosane (C20)

R.T.: 12.946 min
Delta R.T.: -0.013 min
Response: 3132852
Conc: 20.67 ug/ml



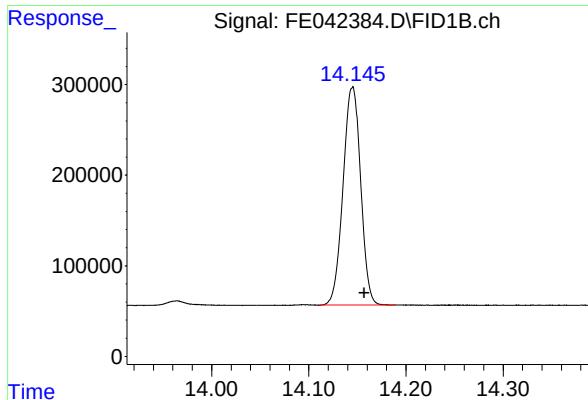
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: -0.013 min
Response: 3064899
Conc: 20.69 ug/ml



#12 1-chlorooctadecane (SURR)

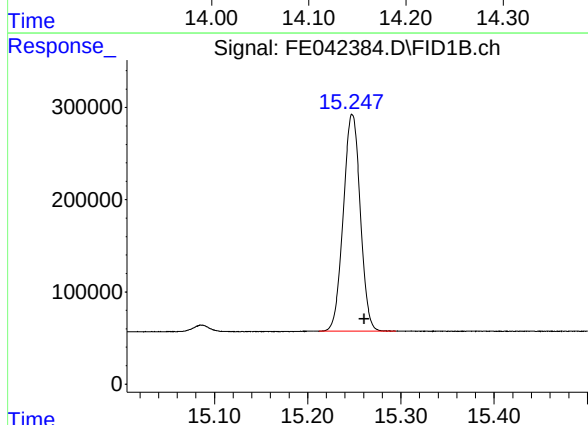
R.T.: 13.391 min
Delta R.T.: -0.013 min
Response: 2709351
Conc: 20.39 ug/ml



#13 n-Docosane (C22)

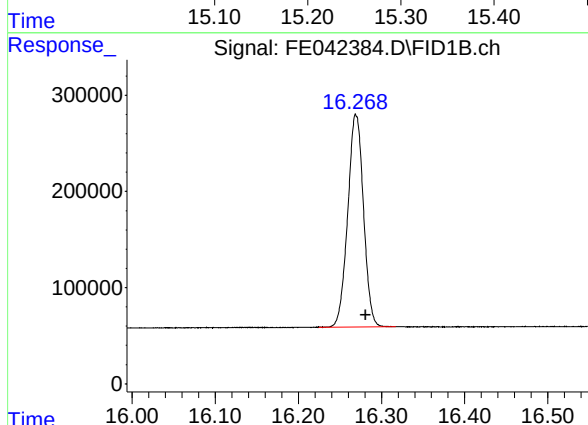
R.T.: 14.145 min
Delta R.T.: -0.012 min
Response: 3030548
Conc: 20.67 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



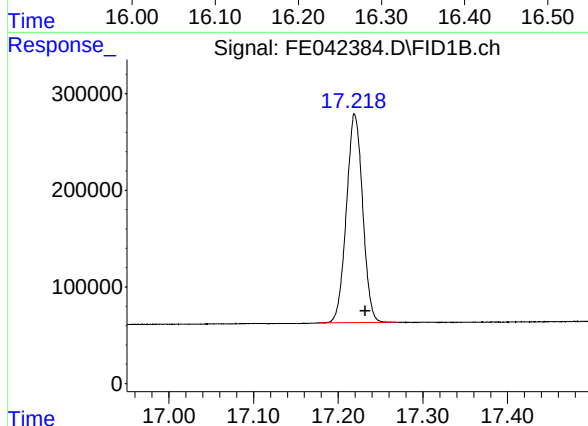
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.013 min
Response: 2977345
Conc: 20.62 ug/ml



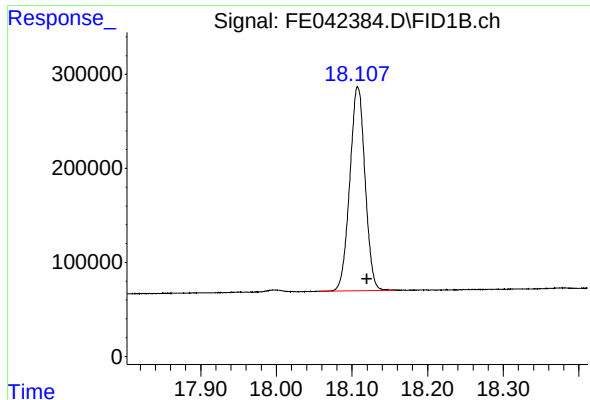
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: -0.012 min
Response: 2905770
Conc: 20.98 ug/ml



#16 n-Octacosane (C28)

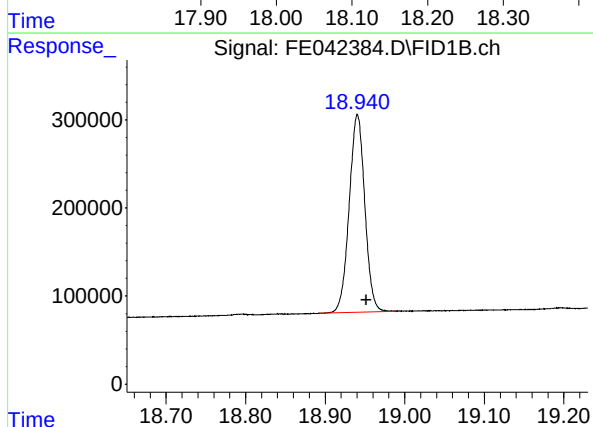
R.T.: 17.219 min
Delta R.T.: -0.013 min
Response: 2881580
Conc: 21.52 ug/ml



#17 n-Tricontane (C30)

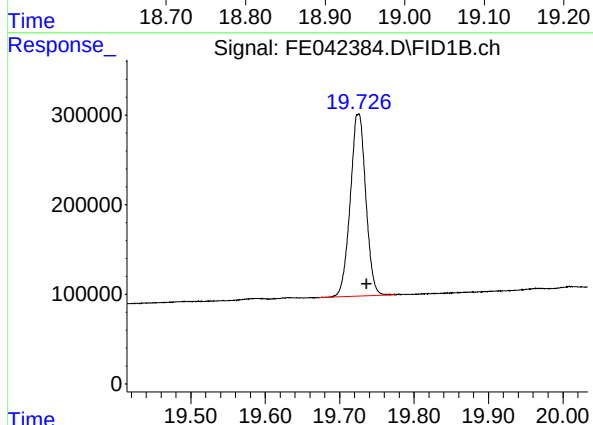
R.T.: 18.108 min
Delta R.T.: -0.012 min
Response: 3044355
Conc: 22.55 ug/ml

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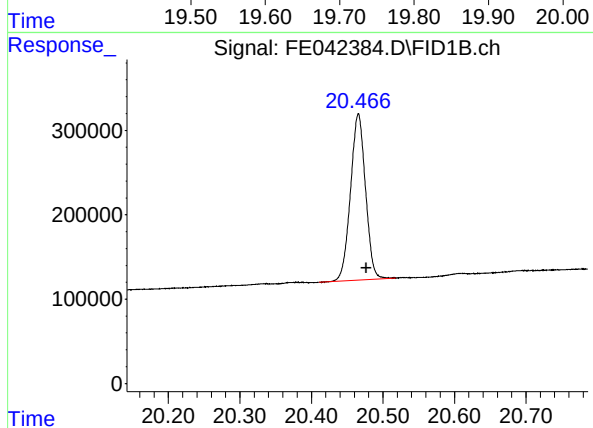
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: -0.011 min
Response: 3058983
Conc: 22.90 ug/ml



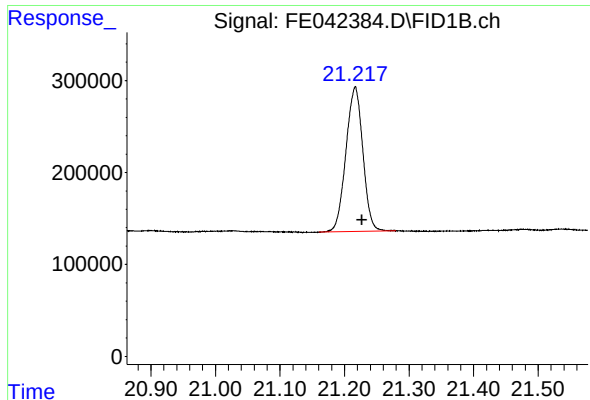
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: -0.011 min
Response: 2944837
Conc: 22.39 ug/ml



#20 n-Hexatriacontane (C36)

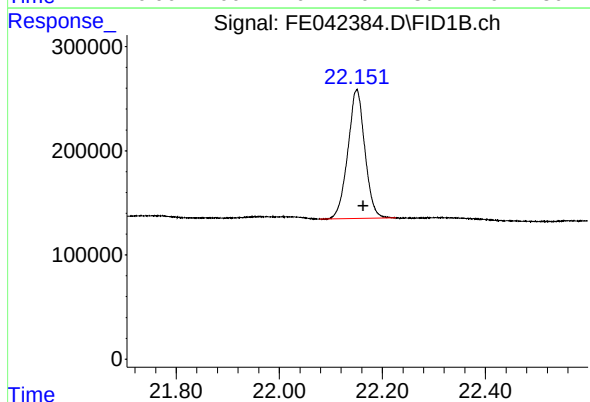
R.T.: 20.466 min
Delta R.T.: -0.011 min
Response: 2869534
Conc: 22.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: -0.011 min
Response: 2869470
Conc: 21.15 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: -0.012 min
Response: 2827674
Conc: 20.33 ug/ml