

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060724AL\
 Data File : FE048615.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jun 2024 21:39
 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: autoint1.e
 Quant Time: Jun 08 00:29:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 2024
 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)	11.943	2725803	18.982 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
12) S 1-chlorooctadecane (S...	13.378	2064069	18.947 ug/ml
Spiked Amount 50.000		Recovery =	37.89%
Target Compounds			
1) T n-Nonane (C9)	3.330	2675102	17.893 ug/ml
2) T n-Decane (C10)	4.580	2799278	18.538 ug/ml
3) T A~Naphthalene (C11.7)	6.285	2757728	18.521 ug/ml
4) T n-Dodecane (C12)	6.745	2764642	18.677 ug/ml
5) T A~2-methylnaphthalene...	7.381	2603333	18.776 ug/ml
6) T n-Tetradecane (C14)	8.573	2671215	18.833 ug/ml
7) T n-Hexadecane (C16)	10.181	2684710	19.043 ug/ml
8) T n-Octadecane (C18)	11.624	2642122	19.024 ug/ml
10) T n-Eicosane (C20)	12.932	2515900	19.012 ug/ml
11) T n-Heneicosane (C21)	13.544	2458003	18.976 ug/ml
13) T n-Docosane (C22)	14.130	2463142	19.114 ug/ml
14) T n-Tetracosane (C24)	15.232	2539887	19.605 ug/ml
15) T n-Hexacosane (C26)	16.251	2547881	19.659 ug/ml
16) T n-Octacosane (C28)	17.202	2649404	20.498 ug/ml
17) T n-Tricontane (C30)	18.088	2925312	21.837 ug/ml
18) T n-Dotriacontane (C32)	18.919	3042255	22.412 ug/ml
19) T n-Tetratriacontane (C34)	19.703	2922010	21.360 ug/ml
20) T n-Hexatriacontane (C36)	20.443	2786863	20.501 ug/ml
21) T n-Octatriacontane (C38)	21.179	2659063	19.499 ug/ml
22) T n-Tetracontane (C40)	22.096	2595060	18.953 ug/ml

(f)=RT Delta > 1/2 Window

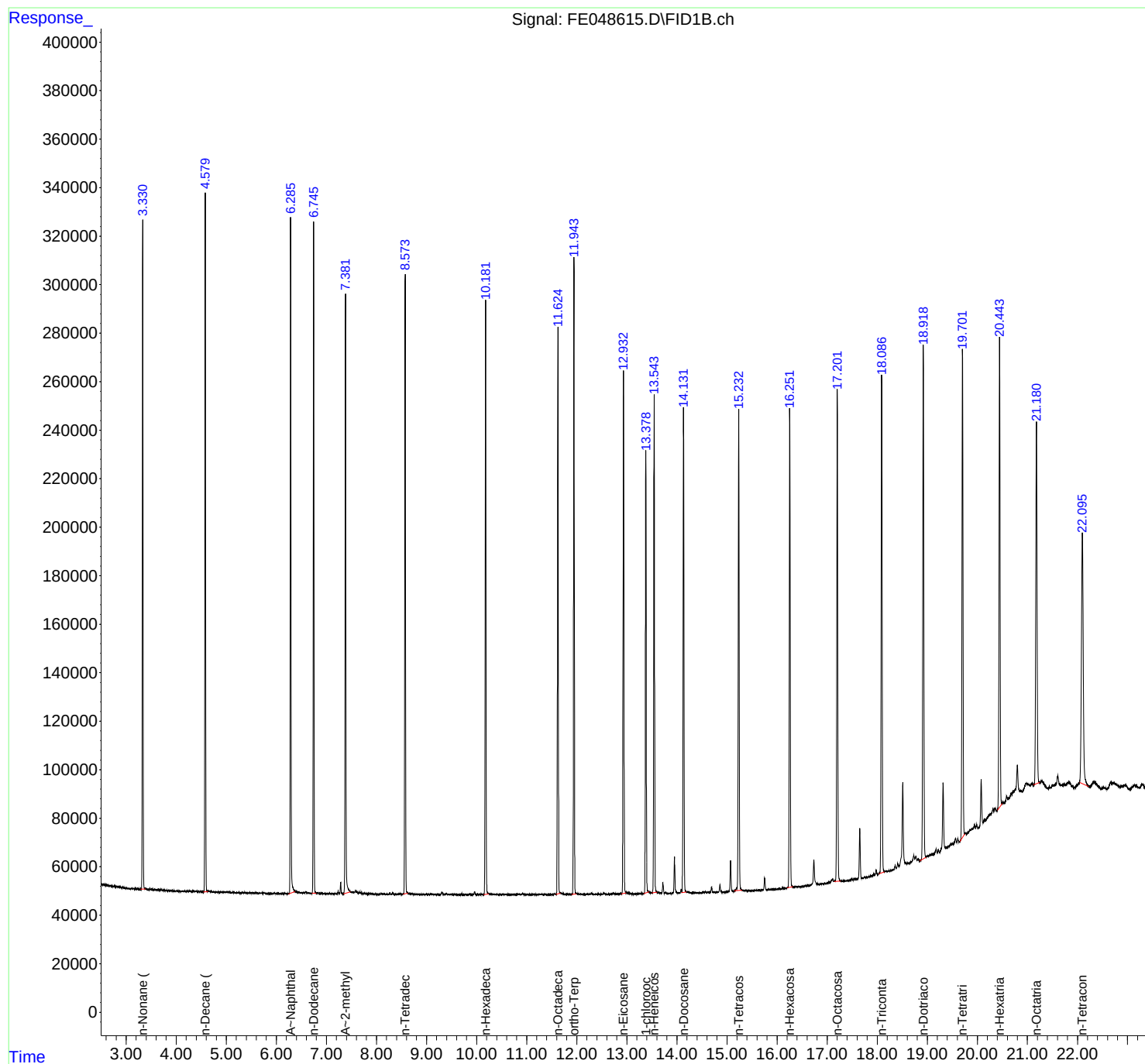
(m)=manual int.

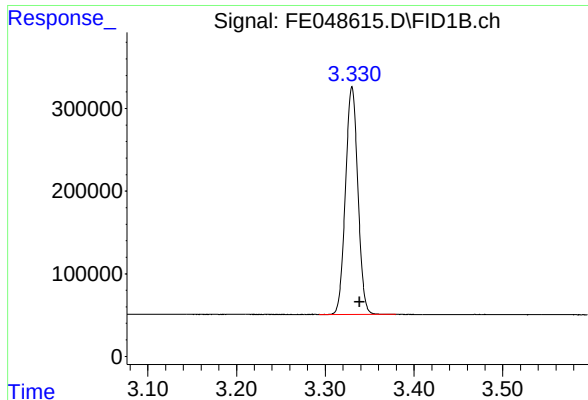
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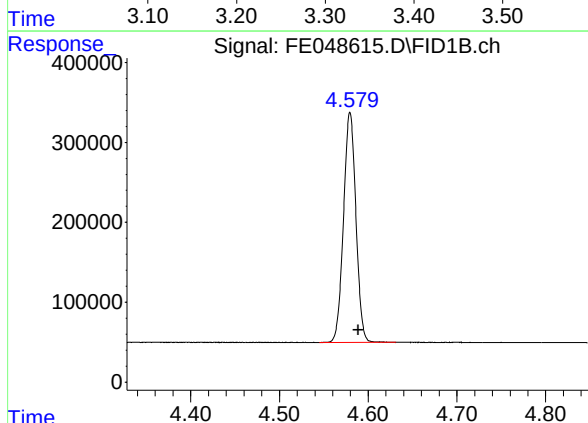




#1 n-Nonane (C9)

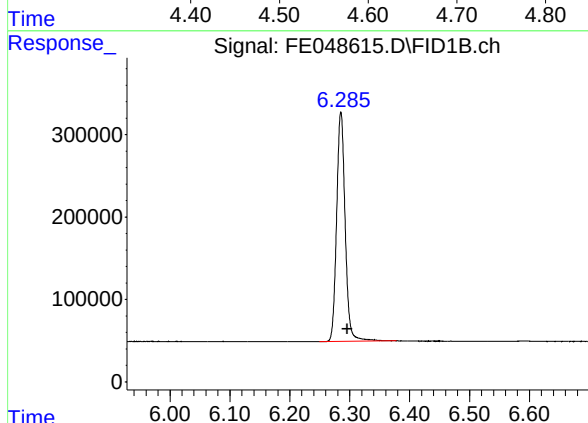
R.T.: 3.330 min
Delta R.T.: -0.009 min
Response: 2675102
Conc: 17.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



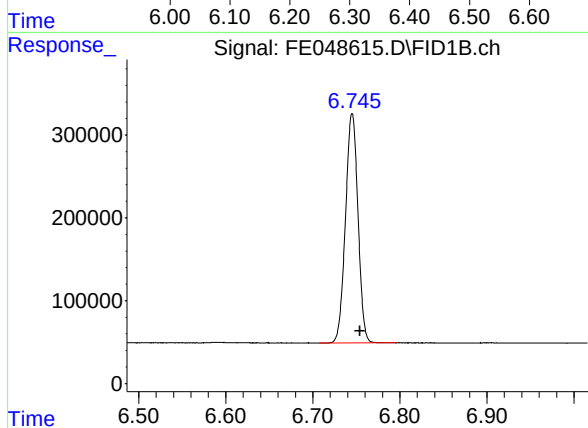
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: -0.009 min
Response: 2799278
Conc: 18.54 ug/ml



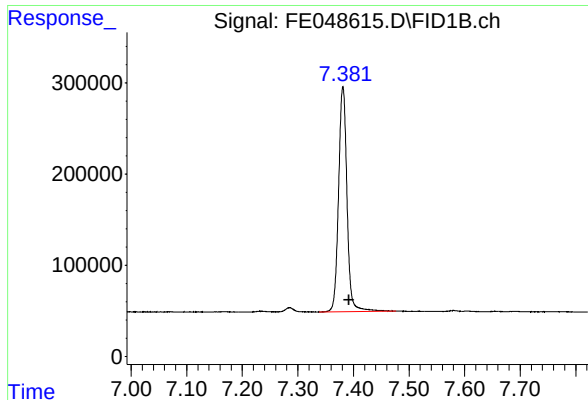
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: -0.011 min
Response: 2757728
Conc: 18.52 ug/ml



#4 n-Dodecane (C12)

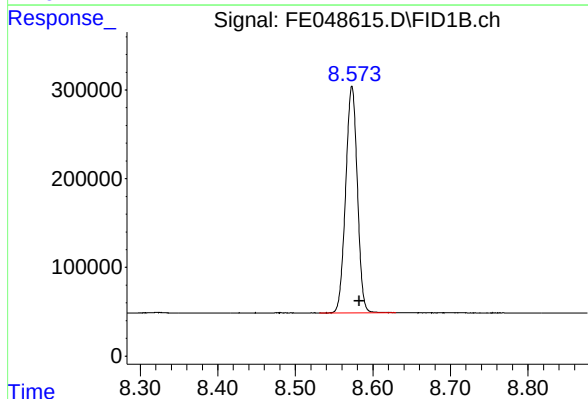
R.T.: 6.745 min
Delta R.T.: -0.009 min
Response: 2764642
Conc: 18.68 ug/ml



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

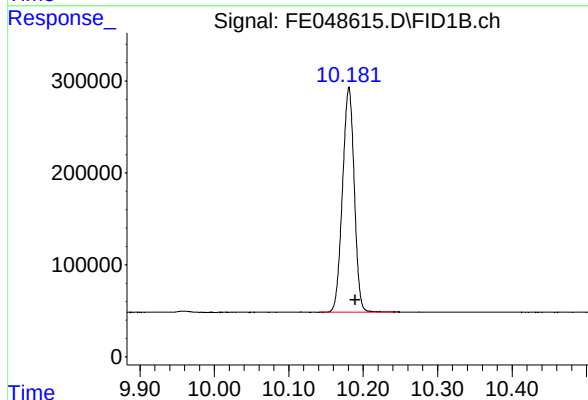
R.T.: 7.381 min
Delta R.T.: -0.010 min
Response: 2603333
Conc: 18.78 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



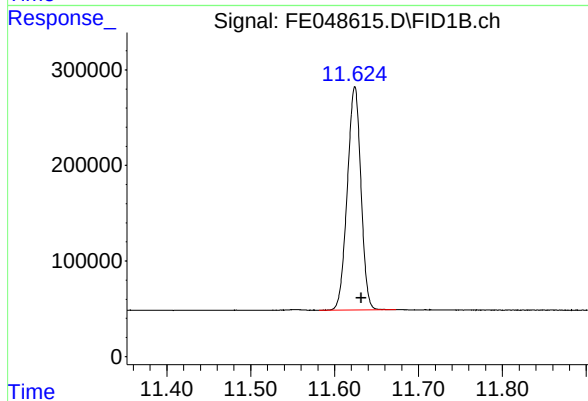
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: -0.009 min
Response: 2671215
Conc: 18.83 ug/ml



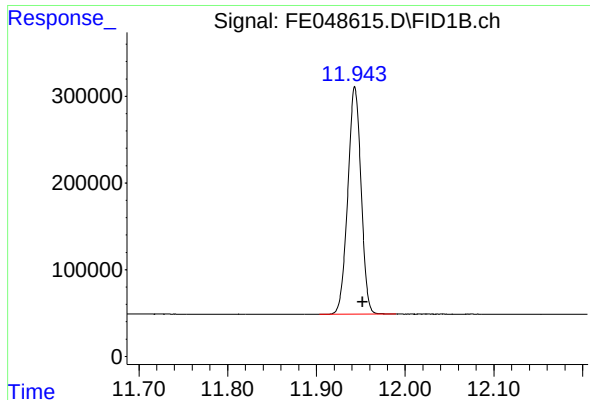
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: -0.008 min
Response: 2684710
Conc: 19.04 ug/ml



#8 n-Octadecane (C18)

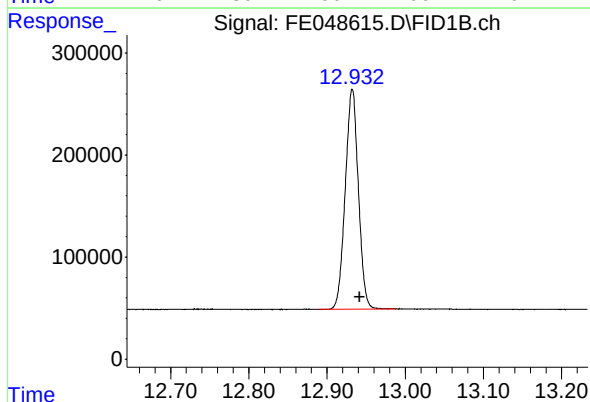
R.T.: 11.624 min
Delta R.T.: -0.008 min
Response: 2642122
Conc: 19.02 ug/ml



#9 ortho-Terphenyl (SURR)

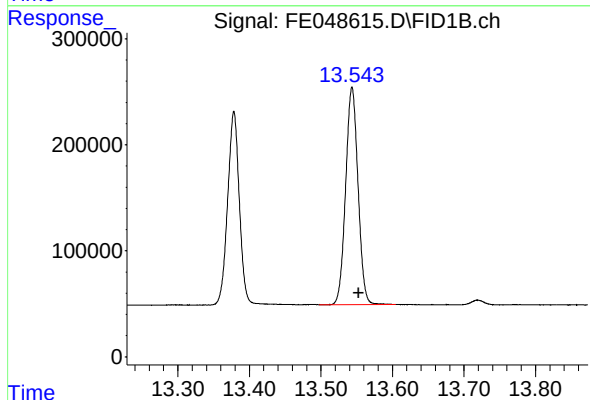
R.T.: 11.943 min
Delta R.T.: -0.009 min
Response: 2725803
Conc: 18.98 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



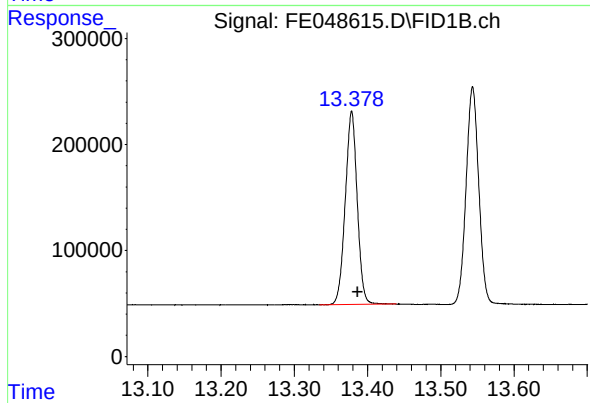
#10 n-Eicosane (C20)

R.T.: 12.932 min
Delta R.T.: -0.009 min
Response: 2515900
Conc: 19.01 ug/ml



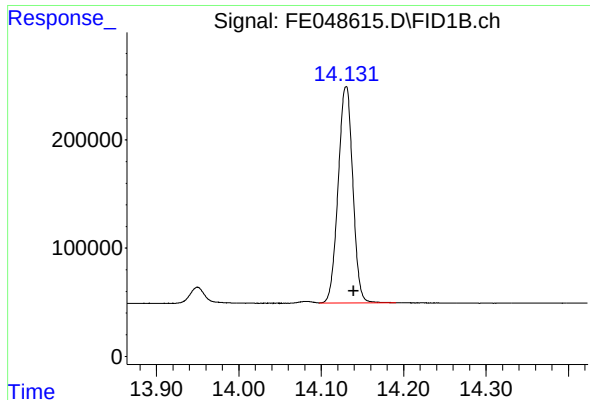
#11 n-Heneicosane (C21)

R.T.: 13.544 min
Delta R.T.: -0.009 min
Response: 2458003
Conc: 18.98 ug/ml



#12 1-chlorooctadecane (SURR)

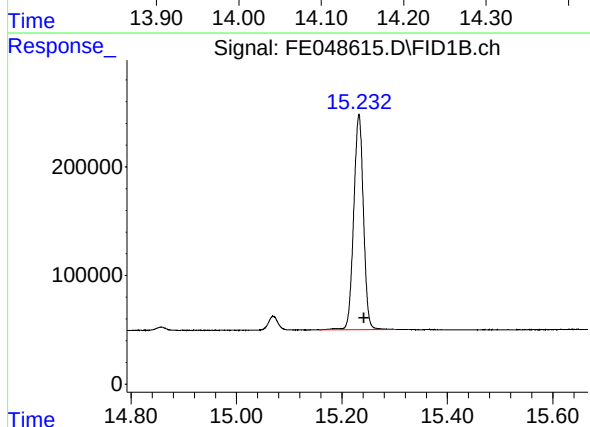
R.T.: 13.378 min
Delta R.T.: -0.008 min
Response: 2064069
Conc: 18.95 ug/ml



#13 n-Docosane (C22)

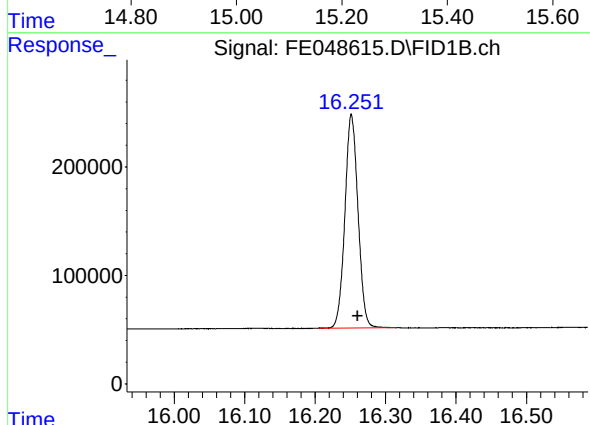
R.T.: 14.130 min
Delta R.T.: -0.009 min
Response: 2463142
Conc: 19.11 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



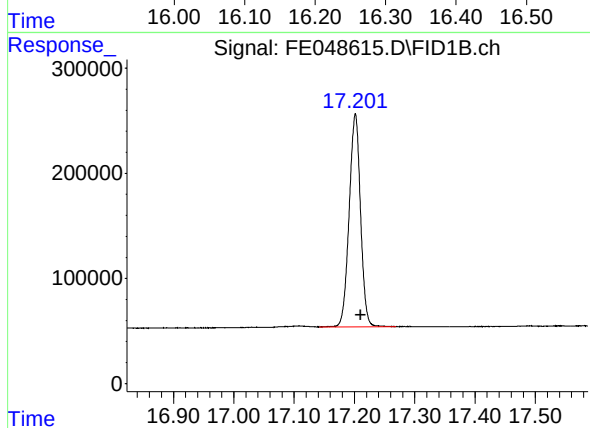
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.009 min
Response: 2539887
Conc: 19.61 ug/ml



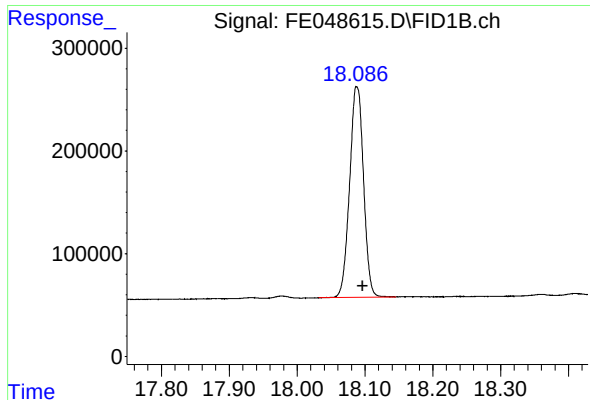
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.009 min
Response: 2547881
Conc: 19.66 ug/ml



#16 n-Octacosane (C28)

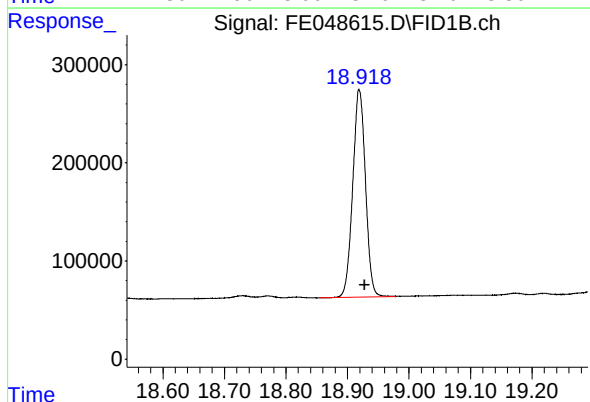
R.T.: 17.202 min
Delta R.T.: -0.009 min
Response: 2649404
Conc: 20.50 ug/ml



#17 n-Tricontane (C30)

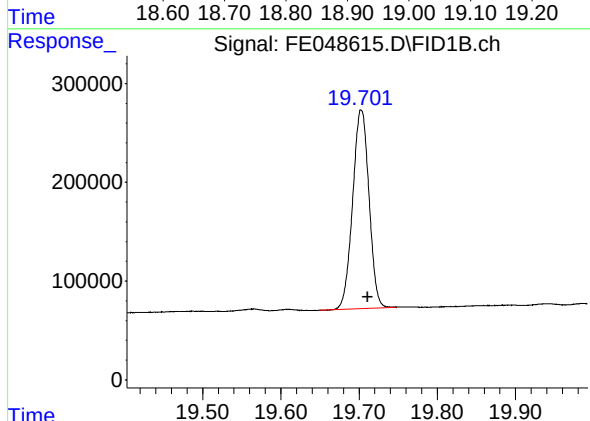
R.T.: 18.088 min
Delta R.T.: -0.008 min
Response: 2925312
Conc: 21.84 ug/ml

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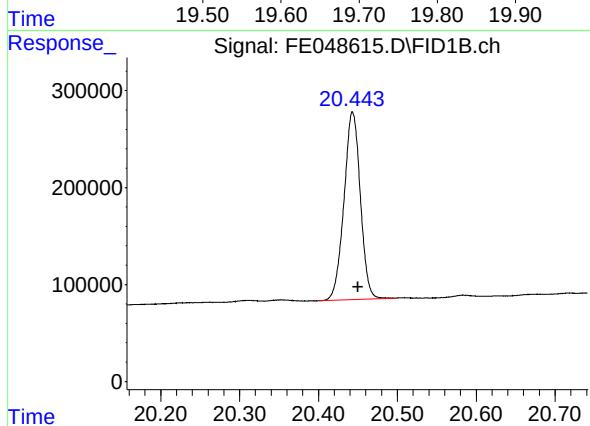
#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: -0.009 min
Response: 3042255
Conc: 22.41 ug/ml



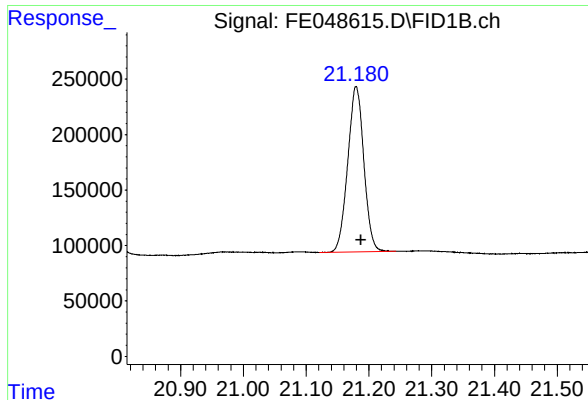
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: -0.008 min
Response: 2922010
Conc: 21.36 ug/ml



#20 n-Hexatriacontane (C36)

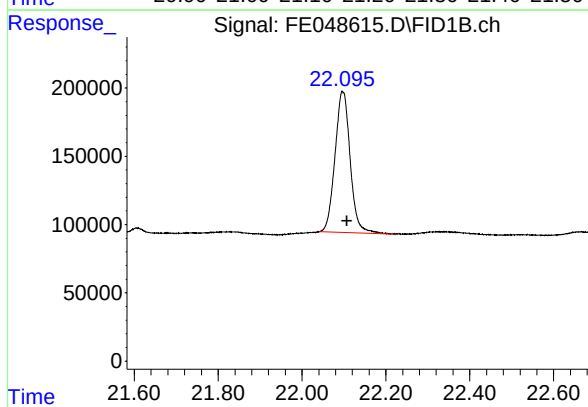
R.T.: 20.443 min
Delta R.T.: -0.007 min
Response: 2786863
Conc: 20.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: -0.008 min
Response: 2659063
Conc: 19.50 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: -0.011 min
Response: 2595060
Conc: 18.95 ug/ml