

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052224AL\
 Data File : FE048319.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2024 07:04
 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: May 23 01:34:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.955	2723206	18.876 ug/ml
Spiked Amount 50.000		Recovery =	37.75%
12) S 1-chlorooctadecane (S...	13.388	2074666	18.567 ug/ml
Spiked Amount 50.000		Recovery =	37.13%
Target Compounds			
1) T n-Nonane (C9)	3.343	2760428	21.419 ug/ml
2) T n-Decane (C10)	4.592	2824550	21.454 ug/ml
3) T A~Naphthalene (C11.7)	6.298	2775888	20.103 ug/ml
4) T n-Dodecane (C12)	6.756	2768534	20.767 ug/ml
5) T A~2-methylnaphthalene...	7.394	2611809	19.627 ug/ml
6) T n-Tetradecane (C14)	8.585	2653520	20.023 ug/ml
7) T n-Hexadecane (C16)	10.192	2661985	19.355 ug/ml
8) T n-Octadecane (C18)	11.634	2643491	18.977 ug/ml
10) T n-Eicosane (C20)	12.943	2522119	18.732 ug/ml
11) T n-Heneicosane (C21)	13.555	2465667	18.626 ug/ml
13) T n-Docosane (C22)	14.141	2467070	18.617 ug/ml
14) T n-Tetracosane (C24)	15.243	2526088	18.971 ug/ml
15) T n-Hexacosane (C26)	16.263	2537796	19.018 ug/ml
16) T n-Octacosane (C28)	17.212	2592529	19.471 ug/ml
17) T n-Tricontane (C30)	18.098	2760145	19.999 ug/ml
18) T n-Dotriacontane (C32)	18.929	2801277	20.281 ug/ml
19) T n-Tetratriacontane (C34)	19.712	2695560	19.788 ug/ml
20) T n-Hexatriacontane (C36)	20.452	2642908	19.519 ug/ml
21) T n-Octatriacontane (C38)	21.190	2535903	18.367 ug/ml
22) T n-Tetracontane (C40)	22.110	2534134	18.189 ug/ml

(f)=RT Delta > 1/2 Window

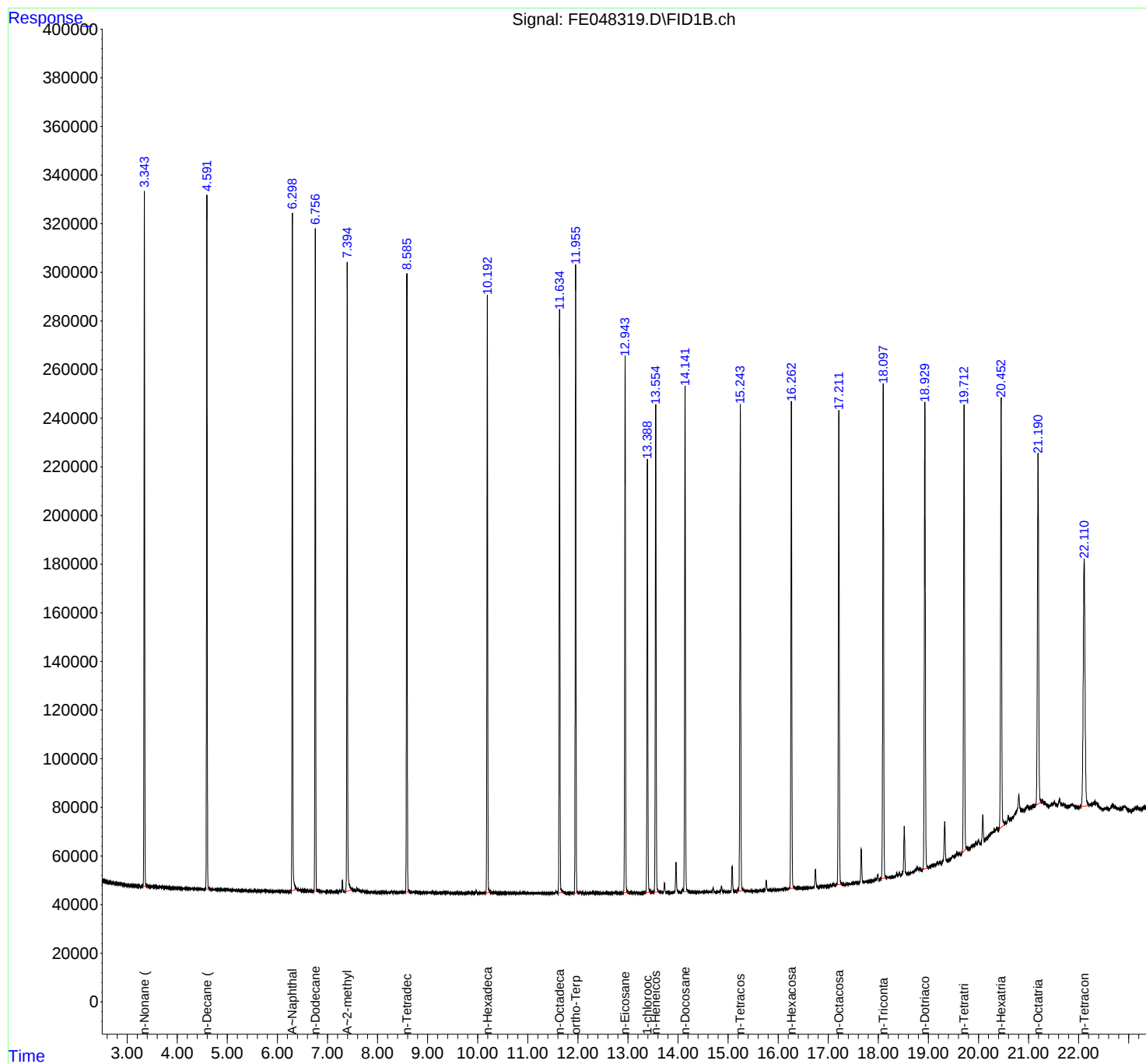
(m)=manual int.

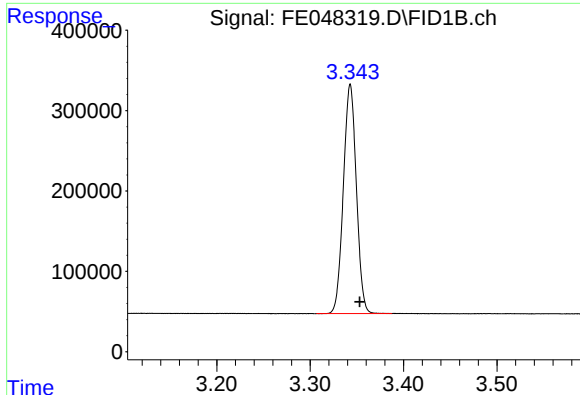
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052224AL\
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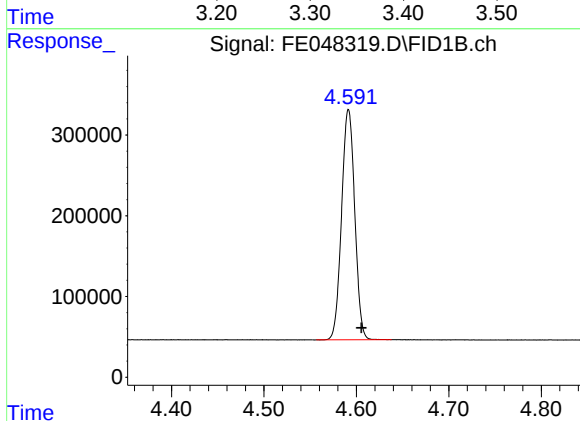




#1 n-Nonane (C9)

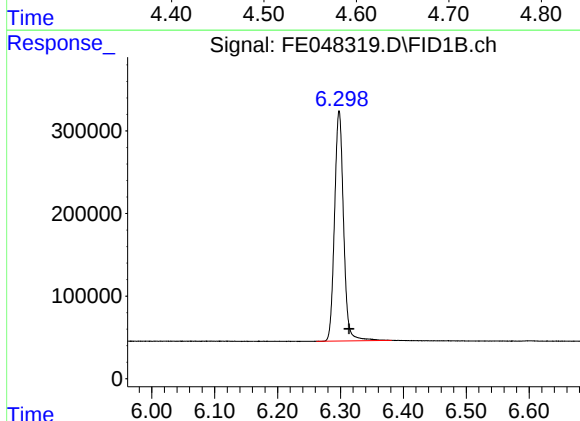
R.T.: 3.343 min
Delta R.T.: -0.010 min
Response: 2760428
Conc: 21.42 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



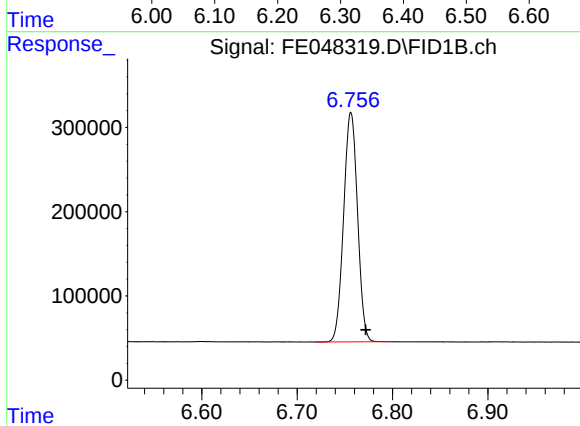
#2 n-Decane (C10)

R.T.: 4.592 min
Delta R.T.: -0.014 min
Response: 2824550
Conc: 21.45 ug/ml



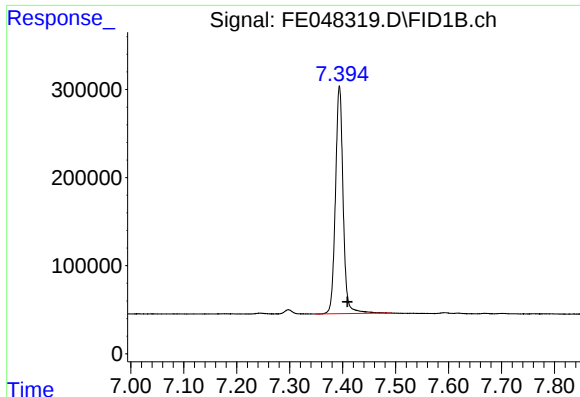
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.016 min
Response: 2775888
Conc: 20.10 ug/ml



#4 n-Dodecane (C12)

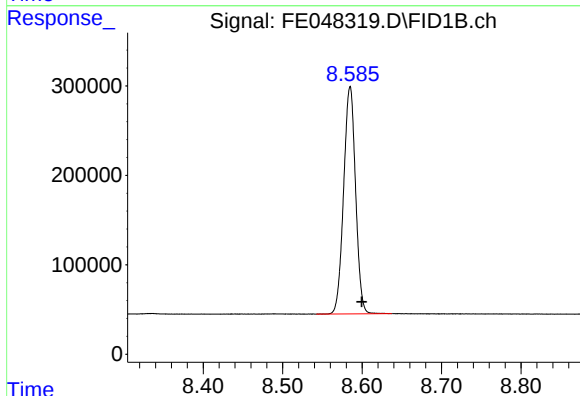
R.T.: 6.756 min
Delta R.T.: -0.016 min
Response: 2768534
Conc: 20.77 ug/ml



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

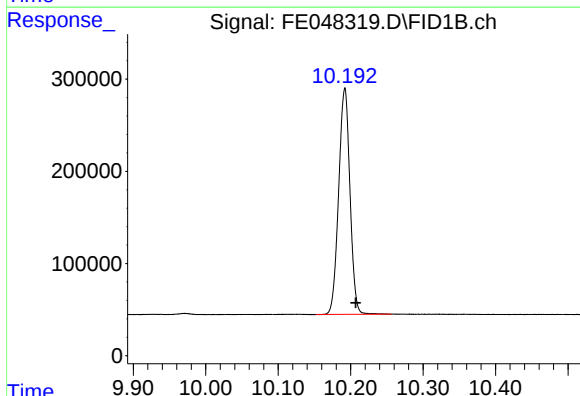
R.T.: 7.394 min
Delta R.T.: -0.015 min
Response: 2611809
Conc: 19.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



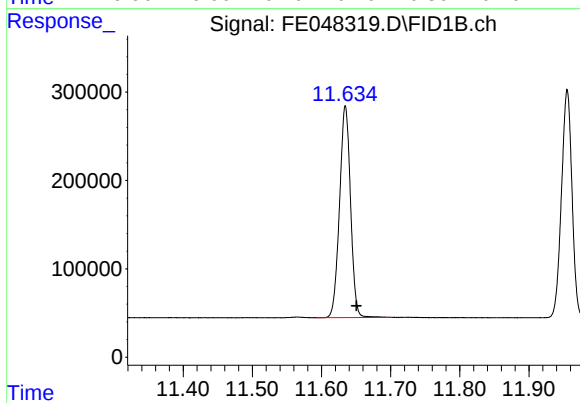
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.014 min
Response: 2653520
Conc: 20.02 ug/ml



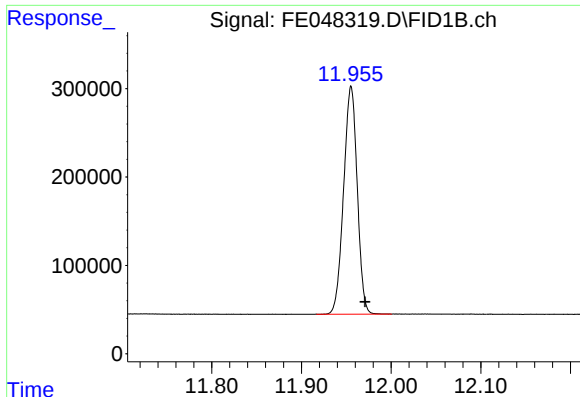
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: -0.015 min
Response: 2661985
Conc: 19.36 ug/ml



#8 n-Octadecane (C18)

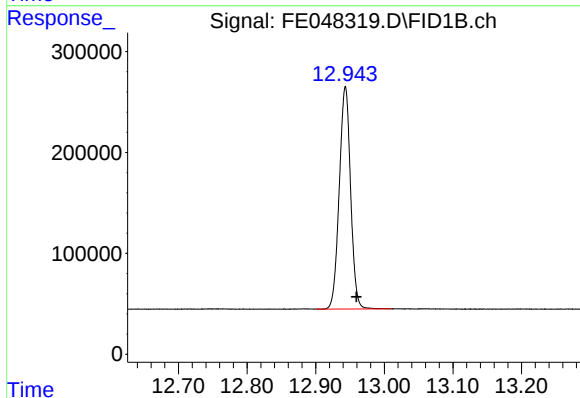
R.T.: 11.634 min
Delta R.T.: -0.016 min
Response: 2643491
Conc: 18.98 ug/ml



#9 ortho-Terphenyl (SURR)

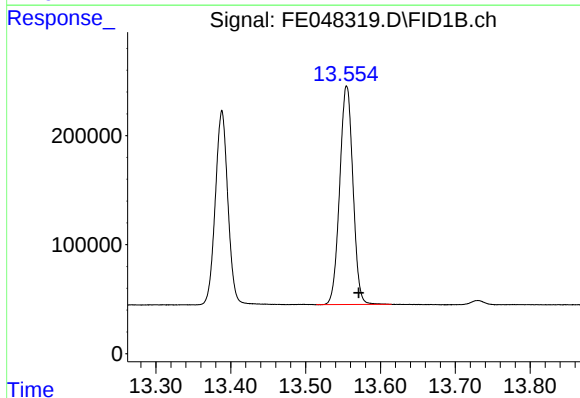
R.T.: 11.955 min
Delta R.T.: -0.016 min
Response: 2723206
Conc: 18.88 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



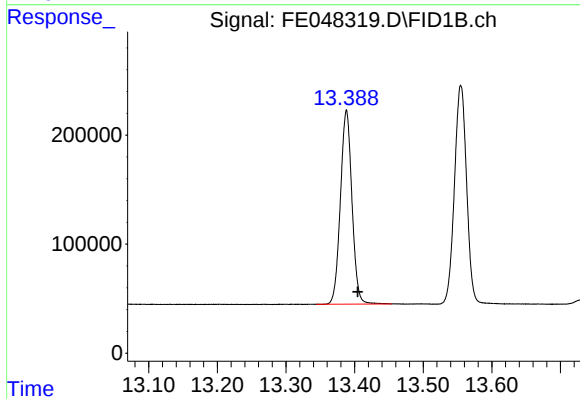
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: -0.016 min
Response: 2522119
Conc: 18.73 ug/ml



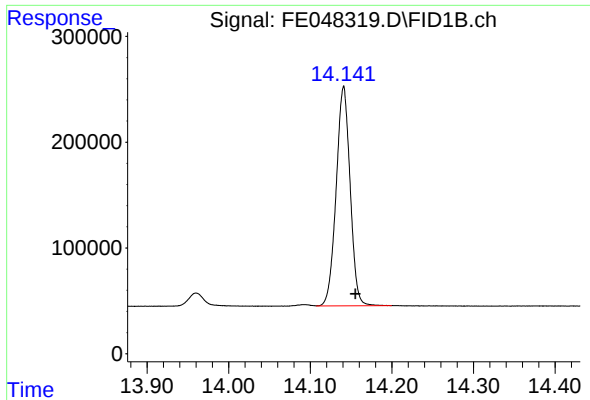
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: -0.016 min
Response: 2465667
Conc: 18.63 ug/ml



#12 1-chlorooctadecane (SURR)

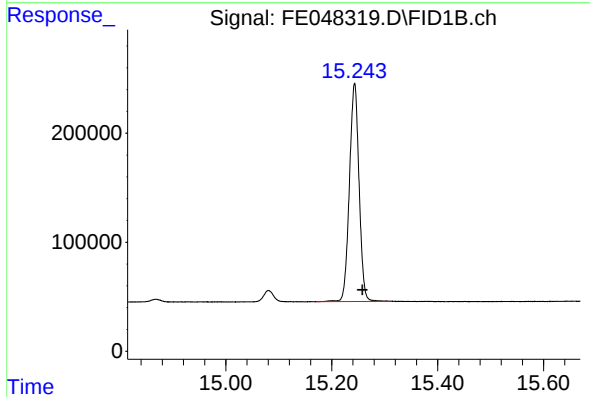
R.T.: 13.388 min
Delta R.T.: -0.017 min
Response: 2074666
Conc: 18.57 ug/ml



#13 n-Docosane (C22)

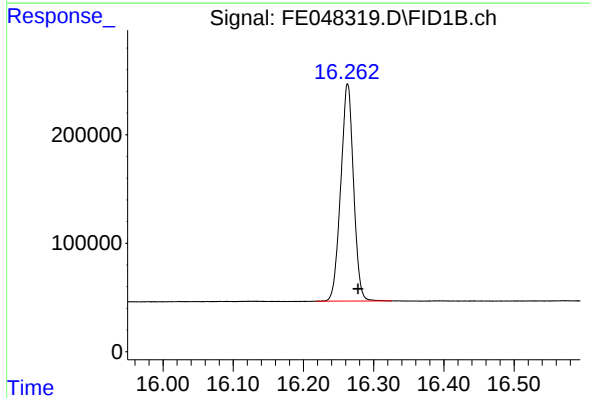
R.T.: 14.141 min
Delta R.T.: -0.015 min
Response: 2467070
Conc: 18.62 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



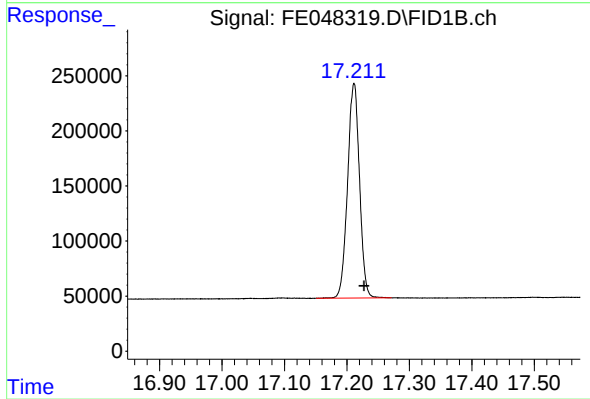
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: -0.015 min
Response: 2526088
Conc: 18.97 ug/ml



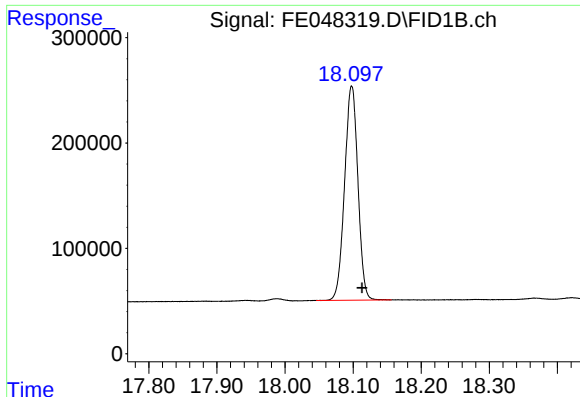
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: -0.015 min
Response: 2537796
Conc: 19.02 ug/ml



#16 n-Octacosane (C28)

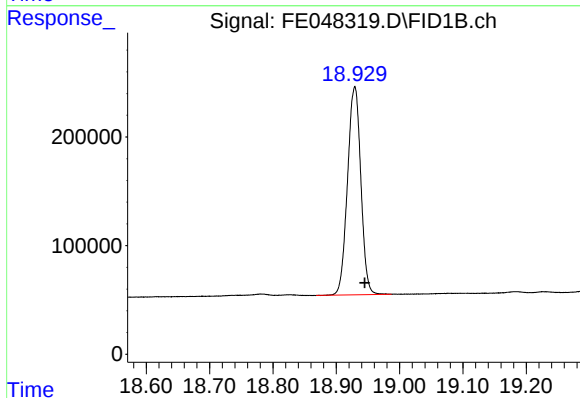
R.T.: 17.212 min
Delta R.T.: -0.016 min
Response: 2592529
Conc: 19.47 ug/ml



#17 n-Tricontane (C30)

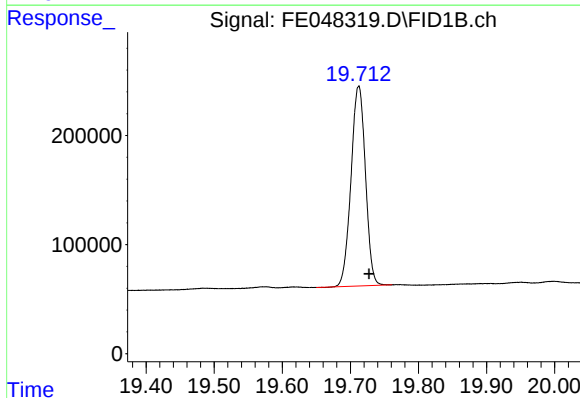
R.T.: 18.098 min
Delta R.T.: -0.015 min
Response: 2760145
Conc: 20.00 ug/ml

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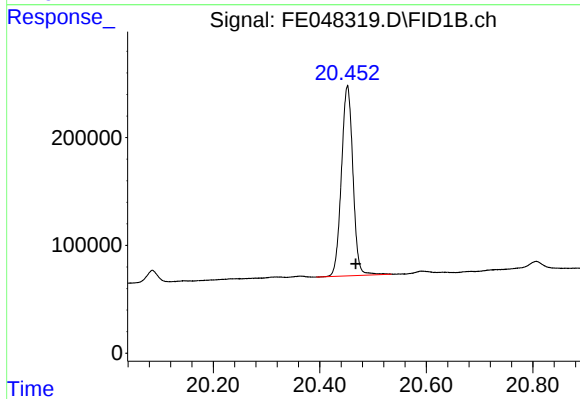
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: -0.015 min
Response: 2801277
Conc: 20.28 ug/ml



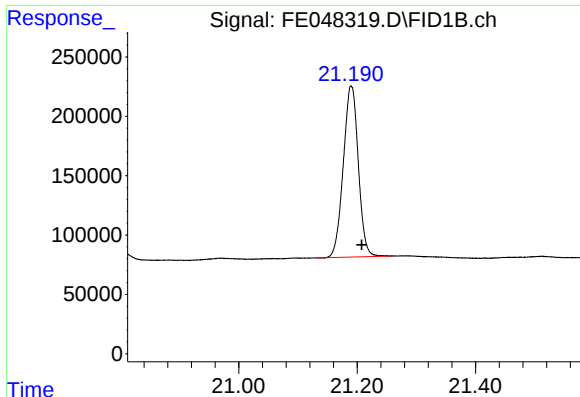
#19 n-Tetratriacontane (C34)

R.T.: 19.712 min
Delta R.T.: -0.015 min
Response: 2695560
Conc: 19.79 ug/ml



#20 n-Hexatriacontane (C36)

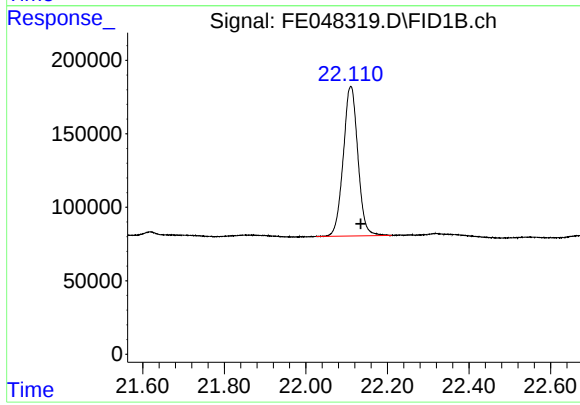
R.T.: 20.452 min
Delta R.T.: -0.015 min
Response: 2642908
Conc: 19.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.190 min
Delta R.T.: -0.018 min
Response: 2535903
Conc: 18.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.110 min
Delta R.T.: -0.024 min
Response: 2534134
Conc: 18.19 ug/ml