

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061324AL\
 Data File : FE048695.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2024 13:06
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2024
 Supervised By :Ankita Jodhani 06/14/2024

Integration File: autoint1.e
 Quant Time: Jun 14 01:18:12 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)	11.938	2823239	19.661 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
12) S 1-chlorooctadecane (S...	13.372	2084555	19.135 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
Target Compounds			
1) T n-Nonane (C9)	3.327	2573720	17.215 ug/ml
2) T n-Decane (C10)	4.576	2786642	18.454 ug/ml
3) T A~Naphthalene (C11.7)	6.281	2729848	18.334 ug/ml
4) T n-Dodecane (C12)	6.741	2791965	18.861 ug/ml
5) T A~2-methylnaphthalene...	7.376	2597960	18.737 ug/ml
6) T n-Tetradecane (C14)	8.568	2705191	19.073 ug/ml
7) T n-Hexadecane (C16)	10.176	2731547	19.376 ug/ml
8) T n-Octadecane (C18)	11.618	2711658	19.524 ug/ml
10) T n-Eicosane (C20)	12.927	2588186	19.558 ug/ml
11) T n-Heneicosane (C21)	13.539	2529657	19.530 ug/ml
13) T n-Docosane (C22)	14.124	2528807	19.624 ug/ml
14) T n-Tetracosane (C24)	15.226	2594559	20.028 ug/ml
15) T n-Hexacosane (C26)	16.246	2615173	20.178 ug/ml
16) T n-Octacosane (C28)	17.196	2743507	21.226 ug/ml
17) T n-Tricontane (C30)	18.083	3054445	22.801 ug/ml
18) T n-Dotriacontane (C32)	18.915	3210982	23.655 ug/ml
19) T n-Tetratriacontane (C34)	19.698	3091362	22.598 ug/ml
20) T n-Hexatriacontane (C36)	20.436	2890901	21.267 ug/ml
21) T n-Octatriacontane (C38)	21.172	2709232	19.866 ug/ml
22) T n-Tetracontane (C40)	22.086	2539250	18.545 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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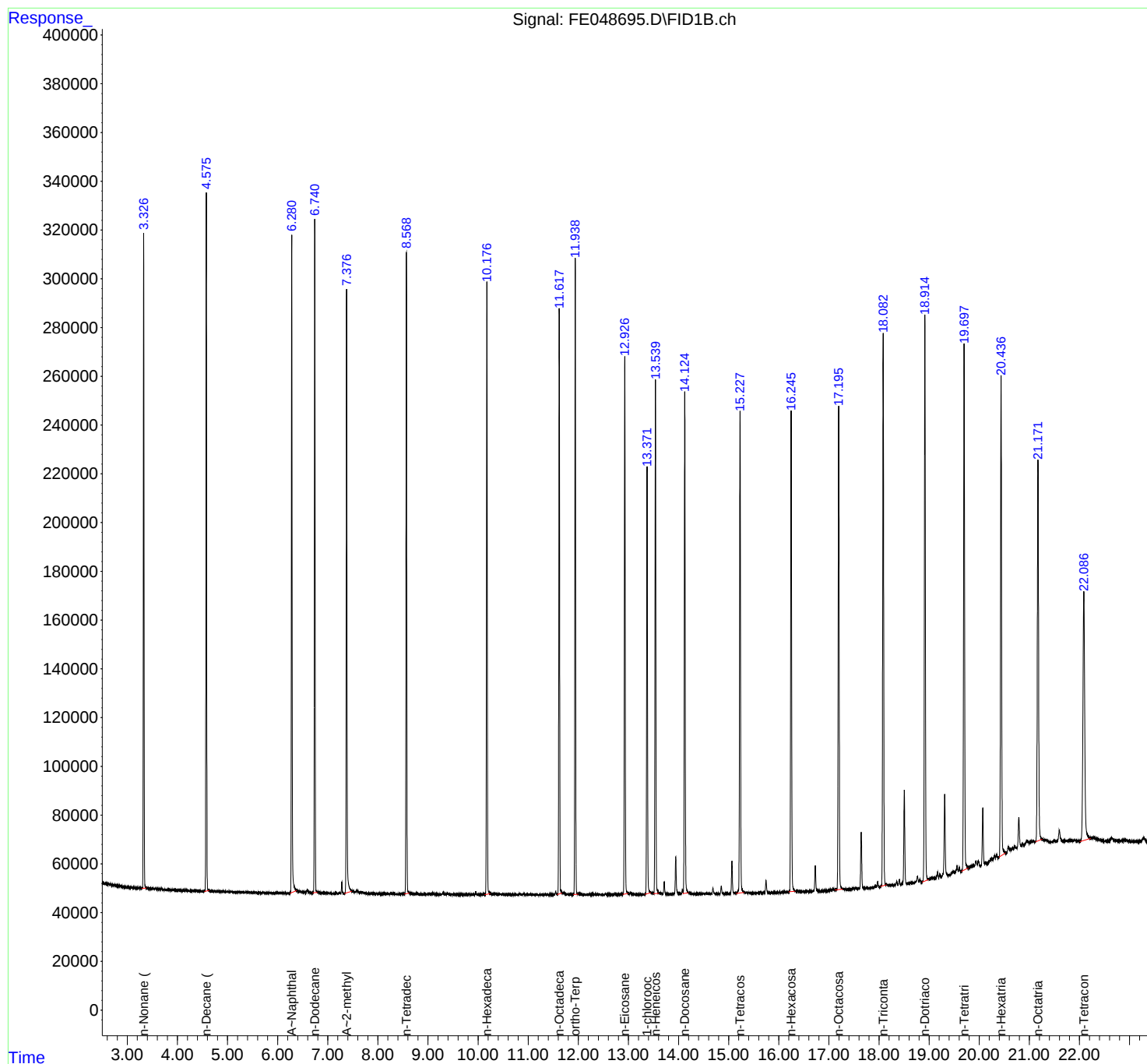
Instrument :
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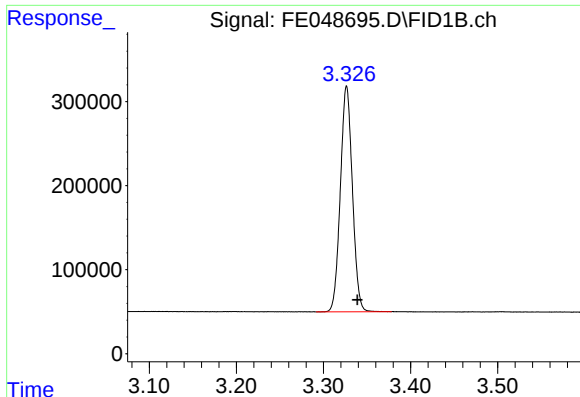
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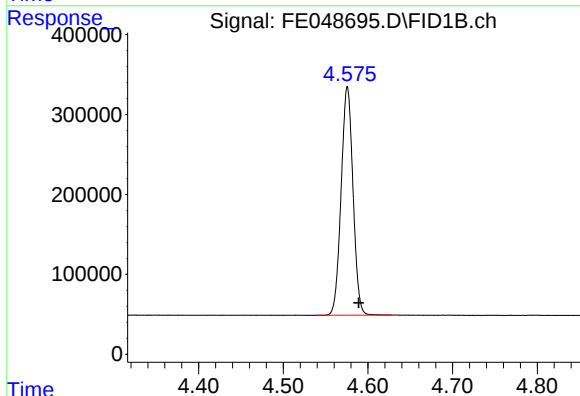
#1 n-Nonane (C9)

R.T.: 3.327 min
Delta R.T.: -0.012 min
Response: 2573720
Conc: 17.21 ug/ml

Instrument :
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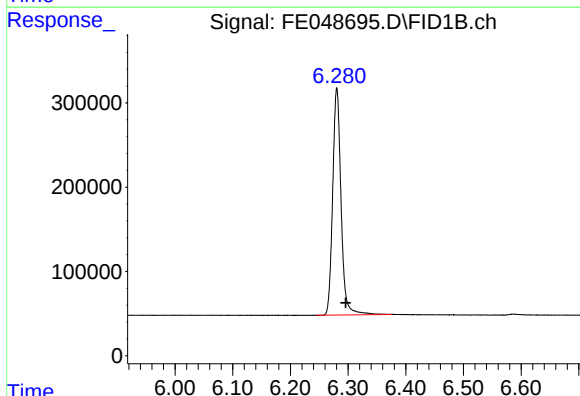
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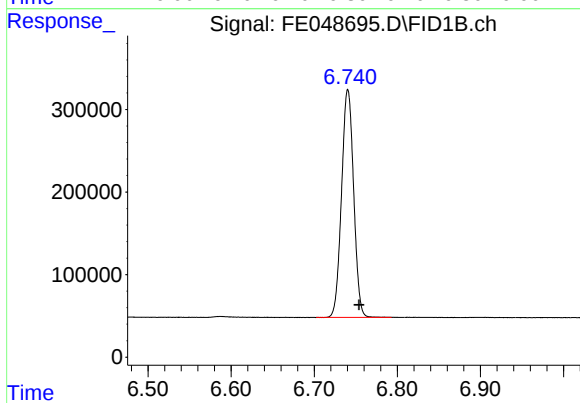
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: -0.013 min
Response: 2786642
Conc: 18.45 ug/ml



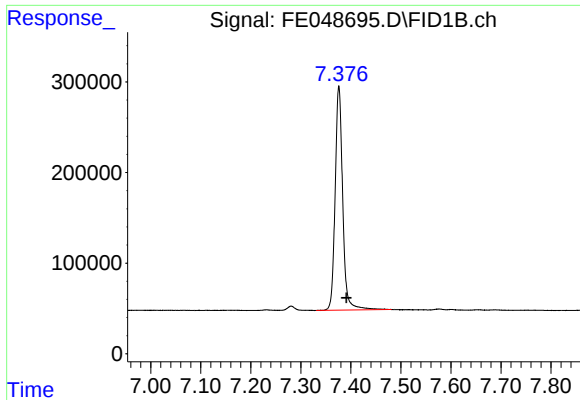
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: -0.015 min
Response: 2729848
Conc: 18.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.741 min
Delta R.T.: -0.014 min
Response: 2791965
Conc: 18.86 ug/ml



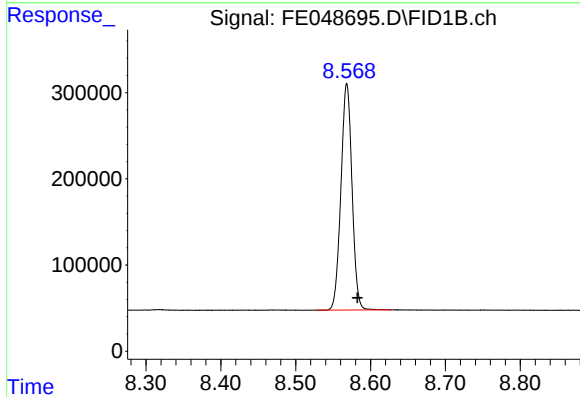
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.376 min
Delta R.T.: -0.015 min
Response: 2597960
Conc: 18.74 ug/ml

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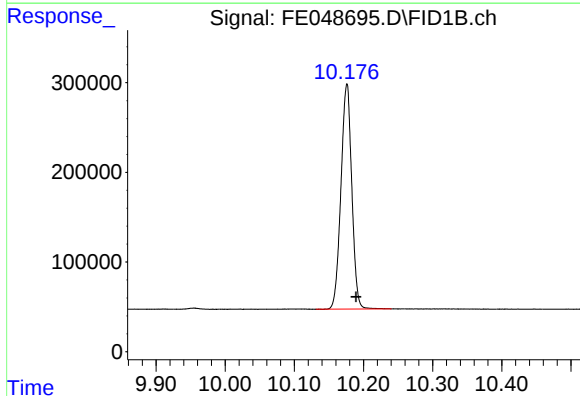
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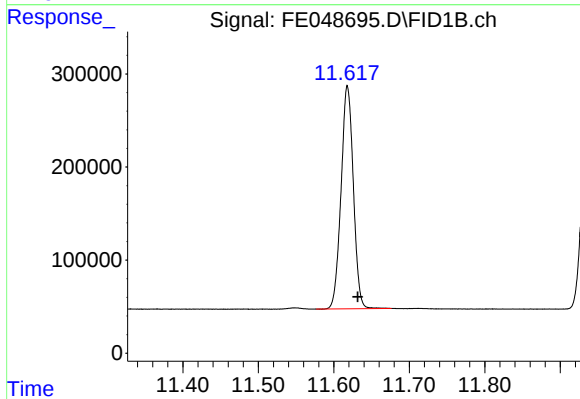
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: -0.014 min
Response: 2705191
Conc: 19.07 ug/ml



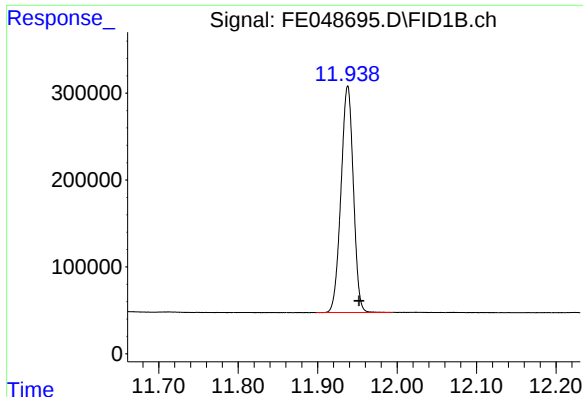
#7 n-Hexadecane (C16)

R.T.: 10.176 min
Delta R.T.: -0.013 min
Response: 2731547
Conc: 19.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.618 min
Delta R.T.: -0.014 min
Response: 2711658
Conc: 19.52 ug/ml



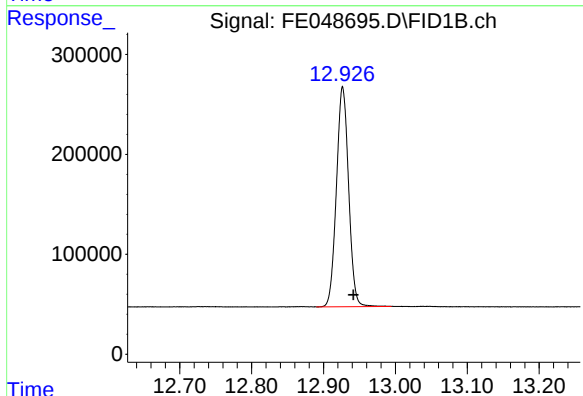
#9 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: -0.014 min
Response: 2823239
Conc: 19.66 ug/ml

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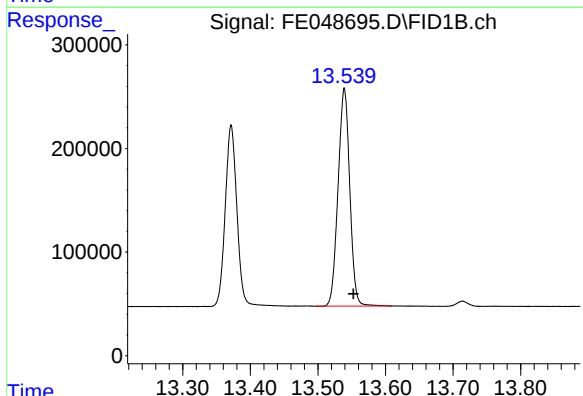
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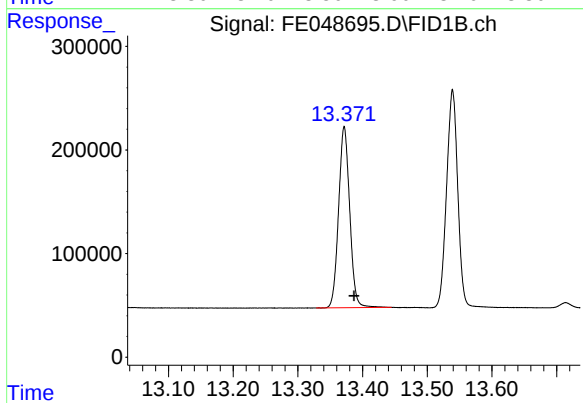
#10 n-Eicosane (C20)

R.T.: 12.927 min
Delta R.T.: -0.015 min
Response: 2588186
Conc: 19.56 ug/ml



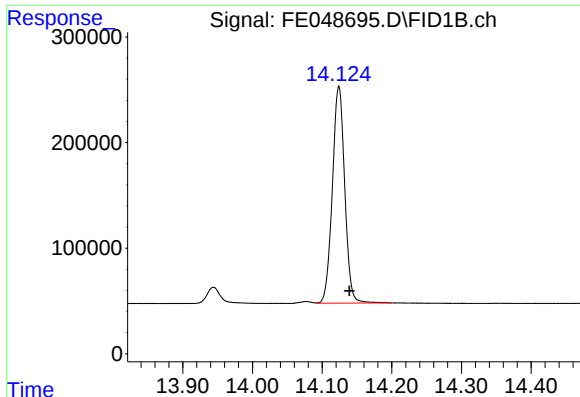
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: -0.014 min
Response: 2529657
Conc: 19.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.372 min
Delta R.T.: -0.015 min
Response: 2084555
Conc: 19.13 ug/ml



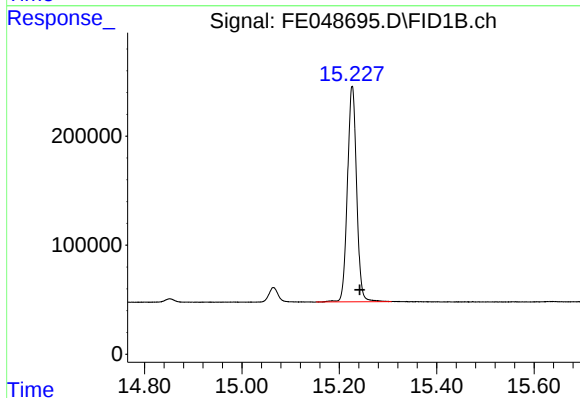
#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: -0.015 min
Response: 2528807
Conc: 19.62 ug/ml

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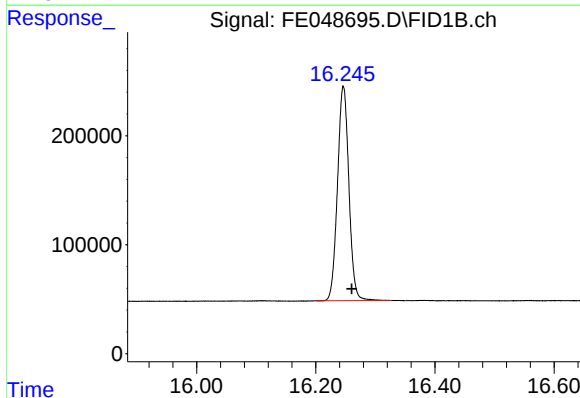
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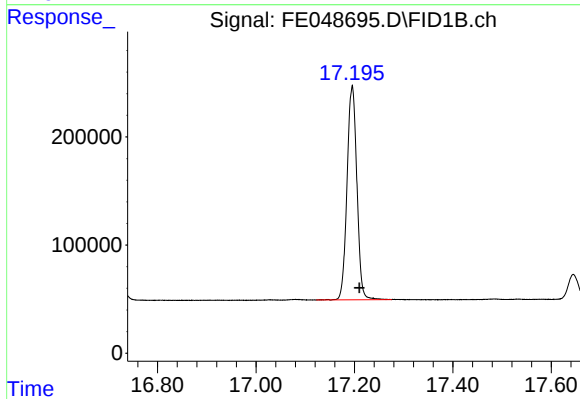
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: -0.015 min
Response: 2594559
Conc: 20.03 ug/ml



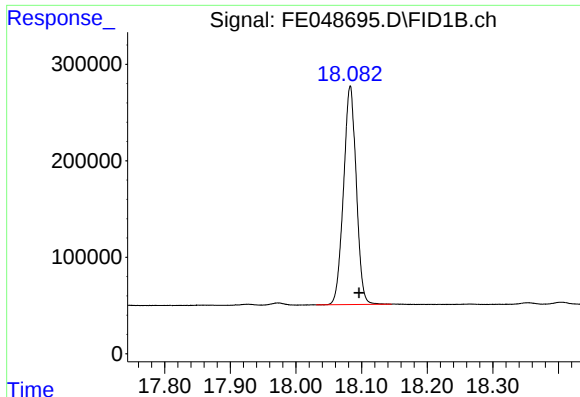
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: -0.014 min
Response: 2615173
Conc: 20.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.196 min
Delta R.T.: -0.015 min
Response: 2743507
Conc: 21.23 ug/ml



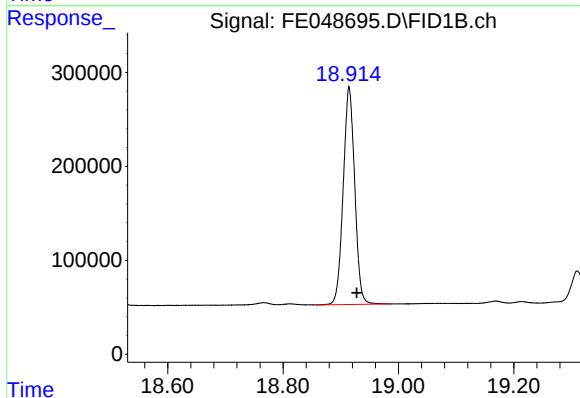
#17 n-Tricontane (C30)

R.T.: 18.083 min
Delta R.T.: -0.014 min
Response: 3054445
Conc: 22.80 ug/ml

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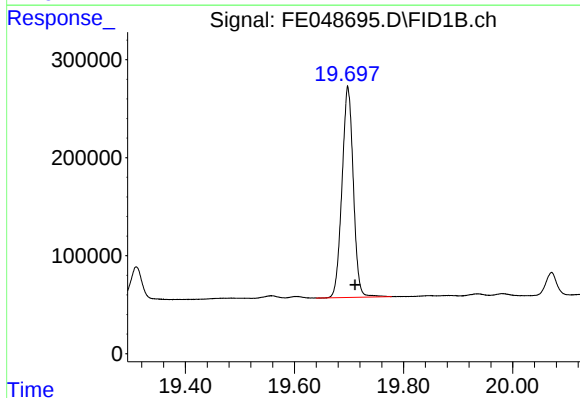
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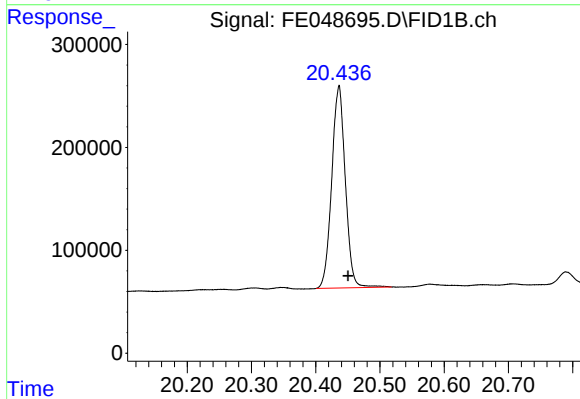
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.013 min
Response: 3210982
Conc: 23.66 ug/ml



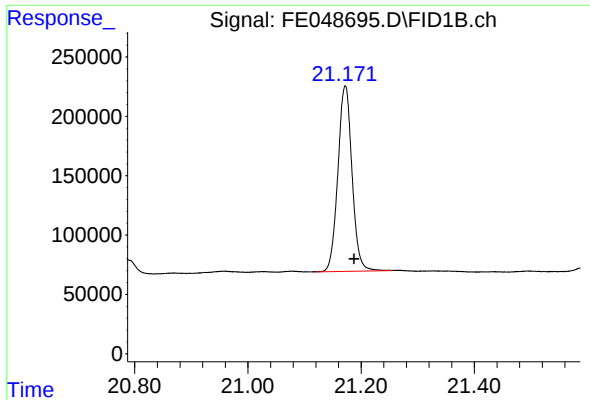
#19 n-Tetratriacontane (C34)

R.T.: 19.698 min
Delta R.T.: -0.013 min
Response: 3091362
Conc: 22.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.436 min
Delta R.T.: -0.014 min
Response: 2890901
Conc: 21.27 ug/ml



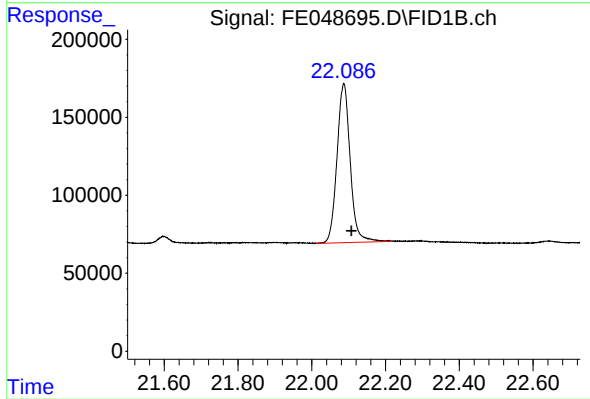
#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: -0.015 min
Response: 2709232
Conc: 19.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.086 min
Delta R.T.: -0.021 min
Response: 2539250
Conc: 18.55 ug/ml m