

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051724AL\
 Data File : FE048240.D
 Signal(s) : FID1B.ch
 Acq On : 17 May 2024 14:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/20/2024
 Supervised By :Ankita Jodhani 05/20/2024

Integration File: autoint1.e
 Quant Time: May 17 23:57:05 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)	11.960	2812041	19.492 ug/ml
Spiked Amount 50.000		Recovery =	38.98%
12) S 1-chlorooctadecane (S...	13.393	2160871	19.338 ug/ml
Spiked Amount 50.000		Recovery =	38.68%
Target Compounds			
1) T n-Nonane (C9)	3.346	2922505	22.676 ug/ml
2) T n-Decane (C10)	4.595	2941886	22.346 ug/ml
3) T A~Naphthalene (C11.7)	6.303	2930496	21.223 ug/ml
4) T n-Dodecane (C12)	6.761	2872148	21.545 ug/ml
5) T A~2-methylnaphthalene...	7.398	2740148	20.591 ug/ml
6) T n-Tetradecane (C14)	8.589	2744637	20.711 ug/ml
7) T n-Hexadecane (C16)	10.196	2752886	20.016 ug/ml
8) T n-Octadecane (C18)	11.639	2720429	19.530 ug/ml
10) T n-Eicosane (C20)	12.948	2600120	19.311 ug/ml
11) T n-Heneicosane (C21)	13.560	2542664	19.208 ug/ml
13) T n-Docosane (C22)	14.146	2533063	19.115 ug/ml
14) T n-Tetracosane (C24)	15.248	2547669	19.133 ug/ml
15) T n-Hexacosane (C26)	16.268	2549266	19.104 ug/ml
16) T n-Octacosane (C28)	17.217	2540740	19.082 ug/ml
17) T n-Tricontane (C30)	18.103	2624628	19.017 ug/ml
18) T n-Dotriacontane (C32)	18.935	2633040	19.063 ug/ml
19) T n-Tetratriacontane (C34)	19.717	2628052	19.292 ug/ml
20) T n-Hexatriacontane (C36)	20.456	2639532	19.494 ug/mlm
21) T n-Octatriacontane (C38)	21.196	2613864	18.932 ug/ml
22) T n-Tetracontane (C40)	22.119	2635507	18.917 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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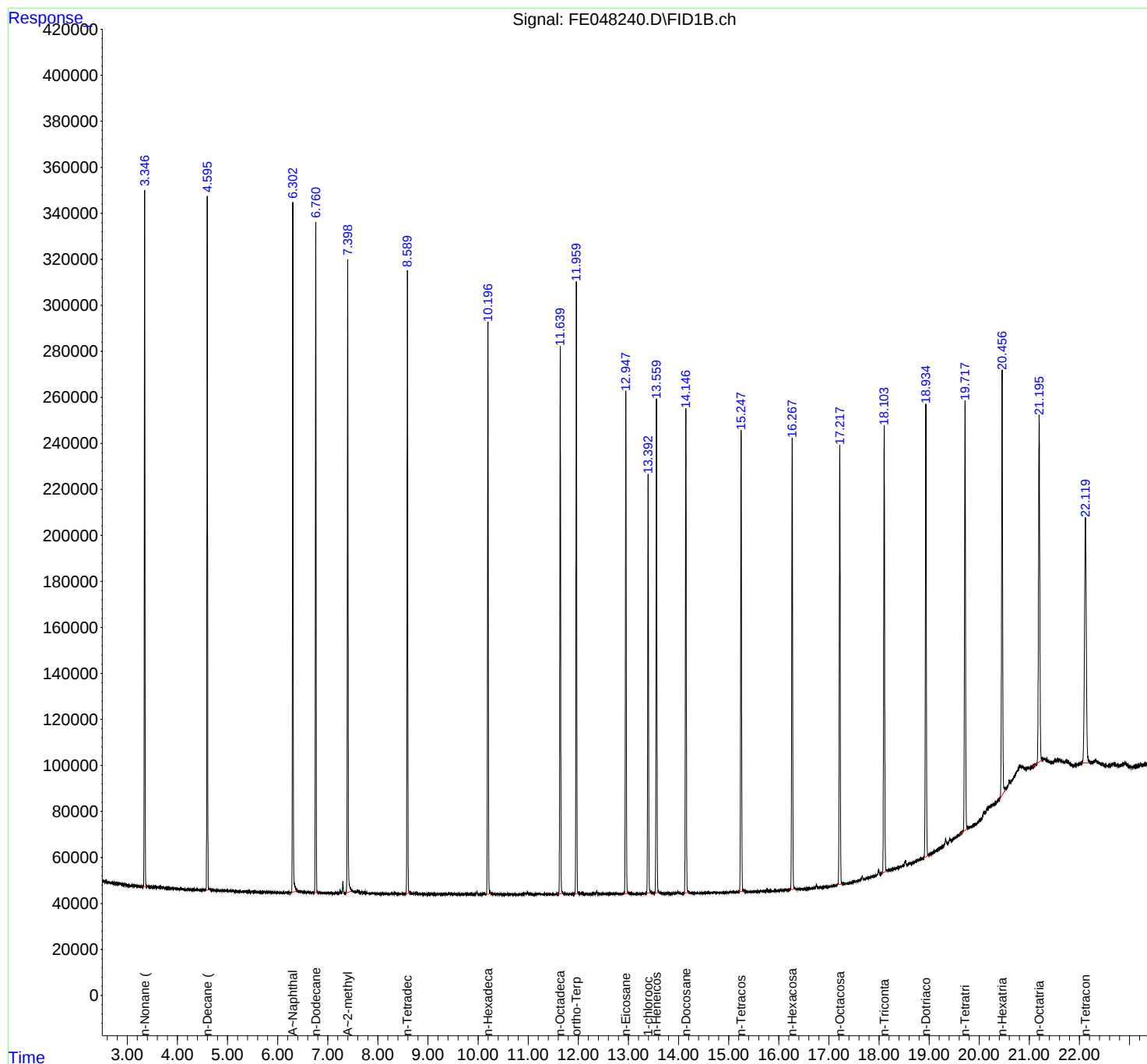
Instrument :
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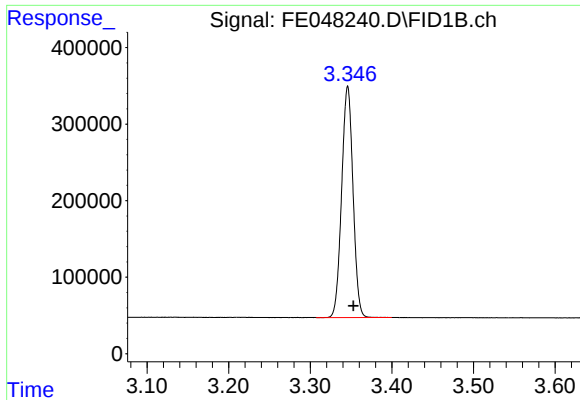
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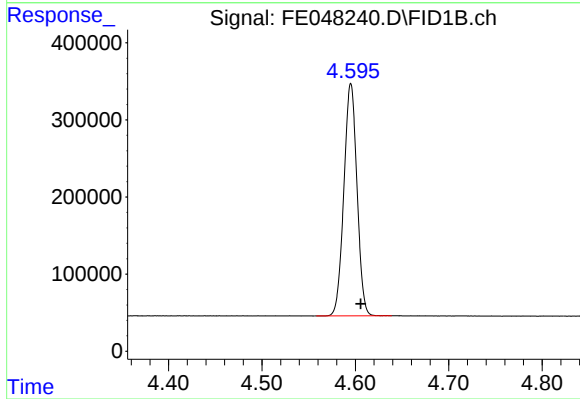
#1 n-Nonane (C9)

R.T.: 3.346 min
Delta R.T.: -0.007 min
Response: 2922505
Conc: 22.68 ug/ml

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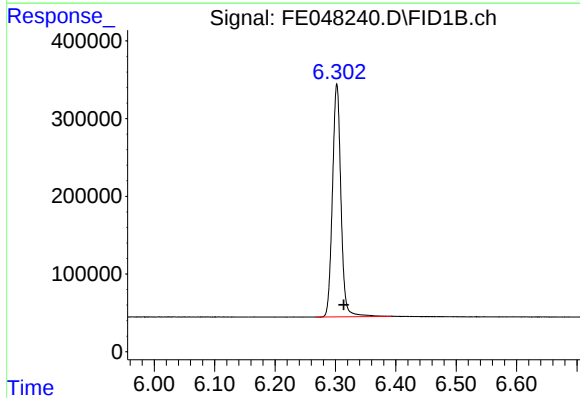
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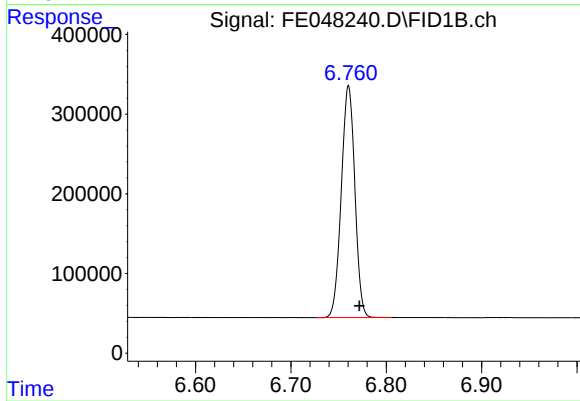
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: -0.010 min
Response: 2941886
Conc: 22.35 ug/ml



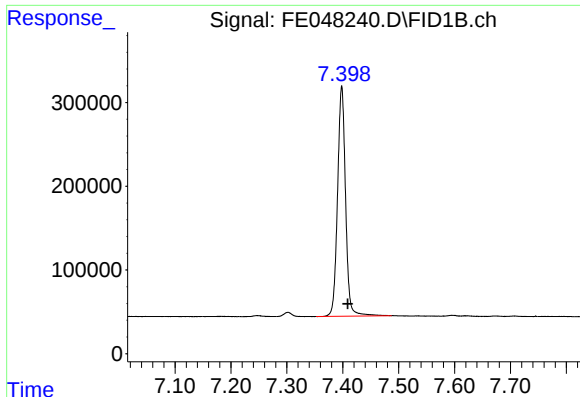
#3 A~Naphthalene (C11.7)

R.T.: 6.303 min
Delta R.T.: -0.011 min
Response: 2930496
Conc: 21.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.761 min
Delta R.T.: -0.011 min
Response: 2872148
Conc: 21.54 ug/ml



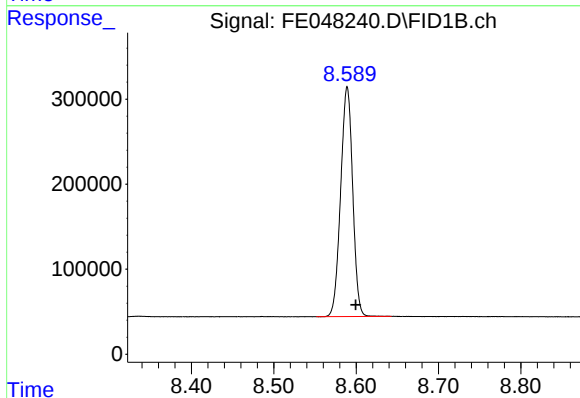
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.398 min
Delta R.T.: -0.011 min
Response: 2740148
Conc: 20.59 ug/ml

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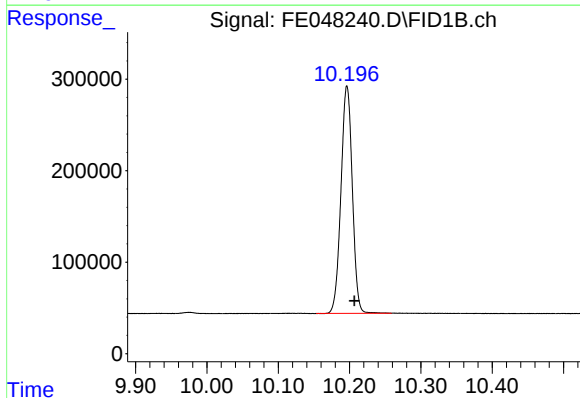
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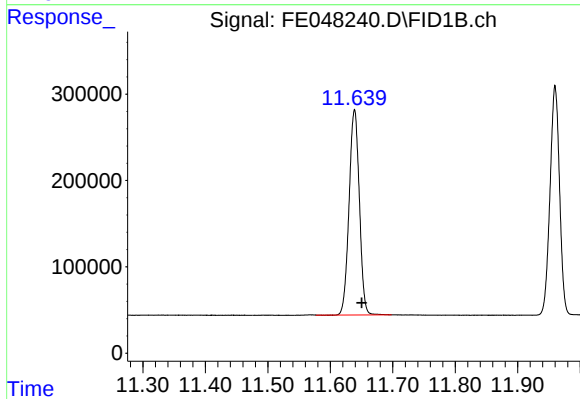
#6 n-Tetradecane (C14)

R.T.: 8.589 min
Delta R.T.: -0.010 min
Response: 2744637
Conc: 20.71 ug/ml



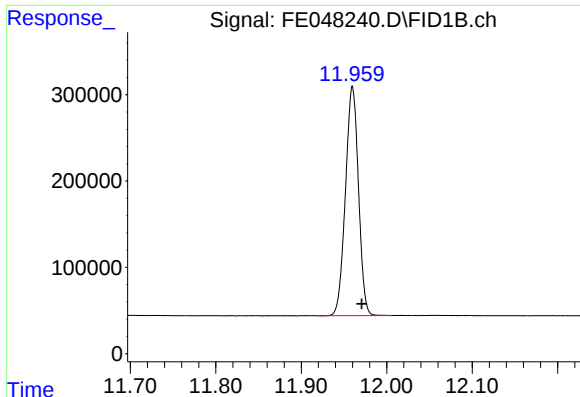
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: -0.011 min
Response: 2752886
Conc: 20.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.639 min
Delta R.T.: -0.012 min
Response: 2720429
Conc: 19.53 ug/ml



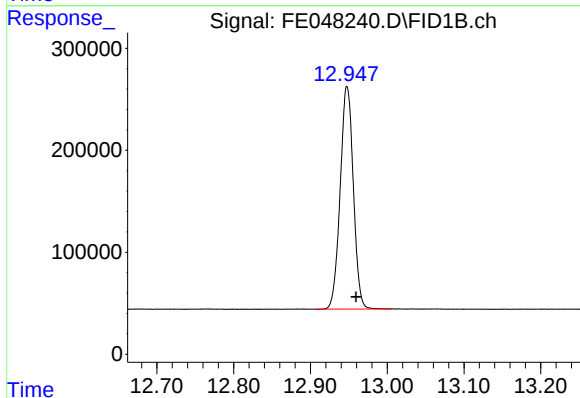
#9 ortho-Terphenyl (SURR)

R.T.: 11.960 min
Delta R.T.: -0.011 min
Response: 2812041
Conc: 19.49 ug/ml

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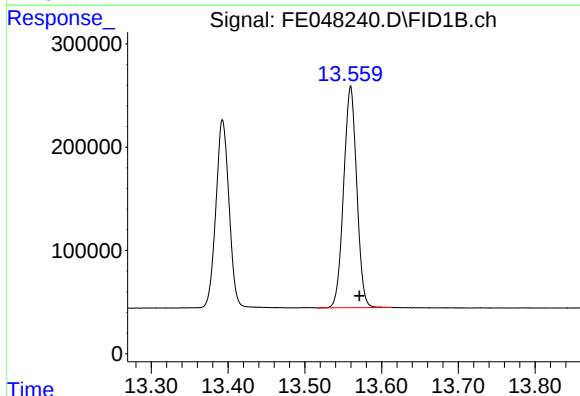
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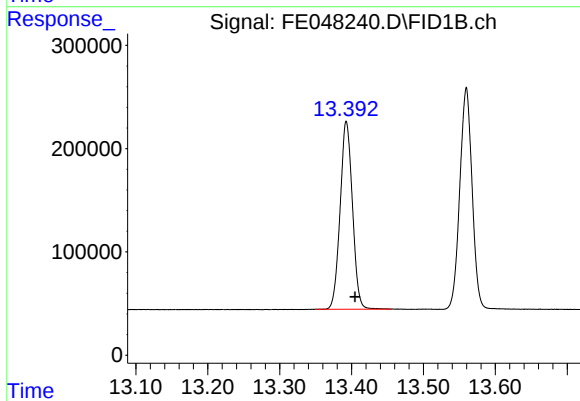
#10 n-Eicosane (C20)

R.T.: 12.948 min
Delta R.T.: -0.012 min
Response: 2600120
Conc: 19.31 ug/ml



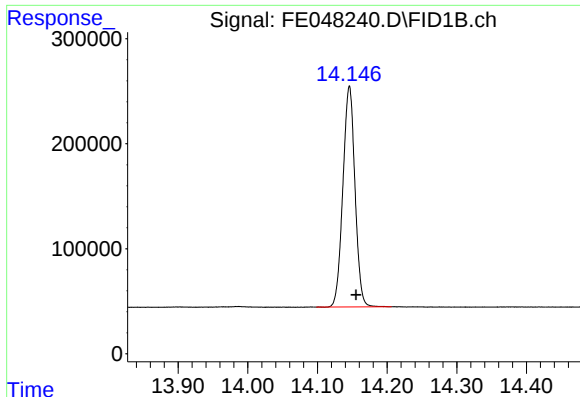
#11 n-Heneicosane (C21)

R.T.: 13.560 min
Delta R.T.: -0.011 min
Response: 2542664
Conc: 19.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.393 min
Delta R.T.: -0.012 min
Response: 2160871
Conc: 19.34 ug/ml



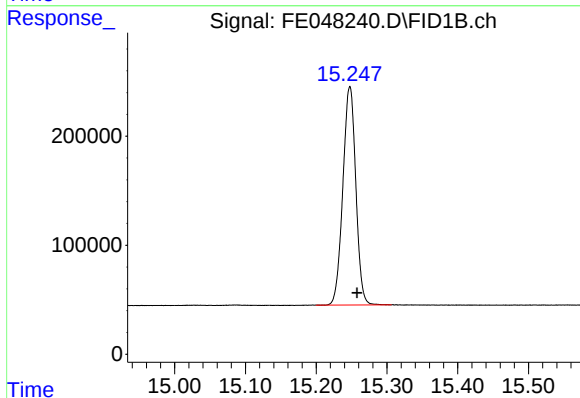
#13 n-Docosane (C22)

R.T.: 14.146 min
Delta R.T.: -0.010 min
Response: 2533063
Conc: 19.11 ug/ml

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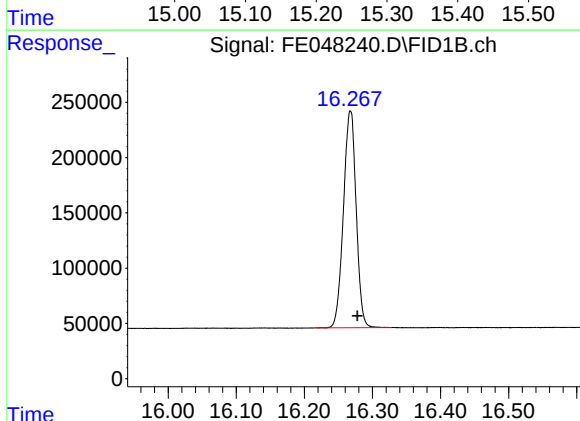
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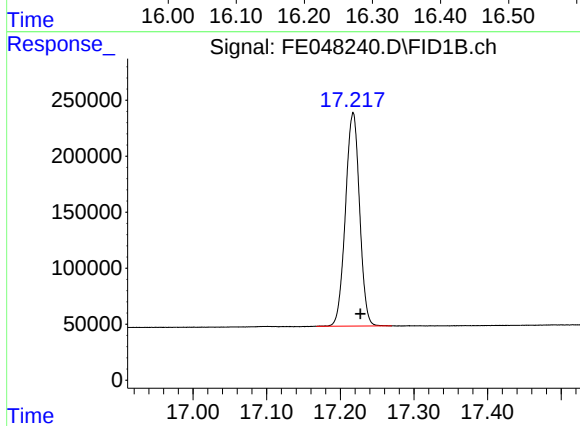
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.010 min
Response: 2547669
Conc: 19.13 ug/ml



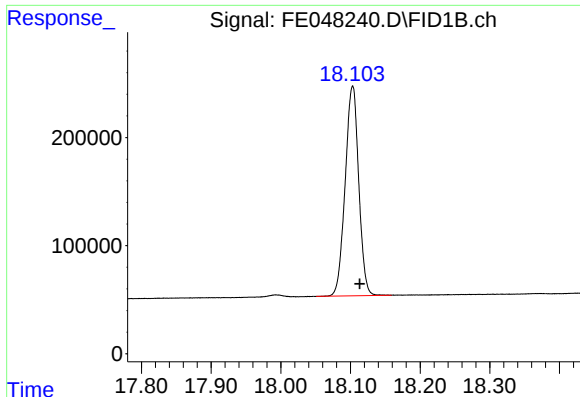
#15 n-Hexacosane (C26)

R.T.: 16.268 min
Delta R.T.: -0.010 min
Response: 2549266
Conc: 19.10 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.217 min
Delta R.T.: -0.010 min
Response: 2540740
Conc: 19.08 ug/ml



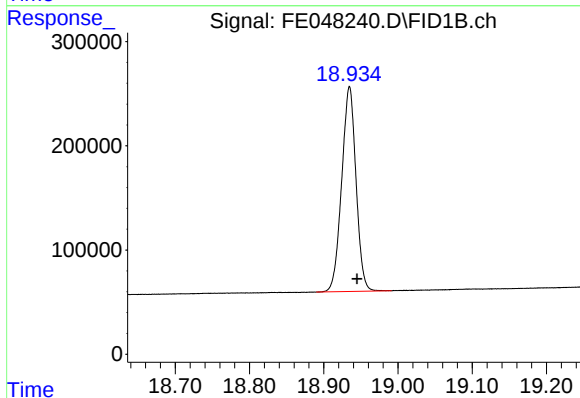
#17 n-Tricontane (C30)

R.T.: 18.103 min
Delta R.T.: -0.010 min
Response: 2624628
Conc: 19.02 ug/ml

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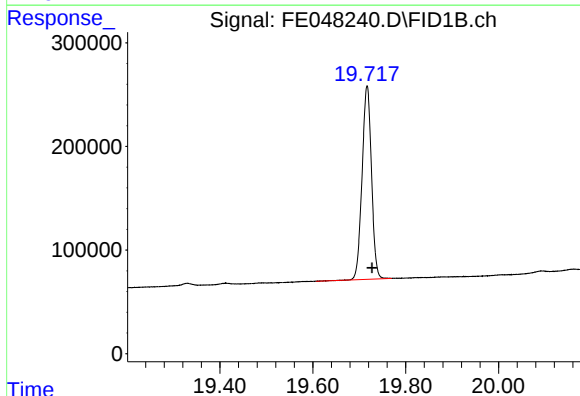
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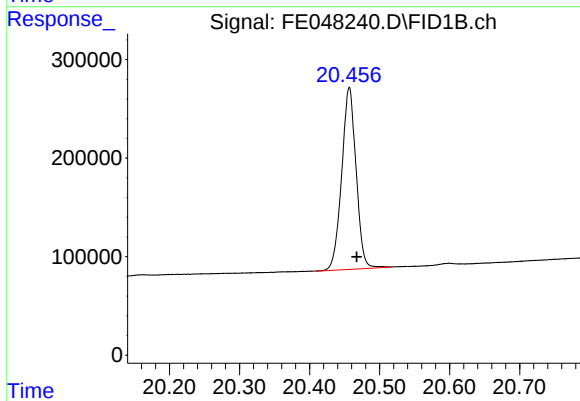
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: -0.010 min
Response: 2633040
Conc: 19.06 ug/ml



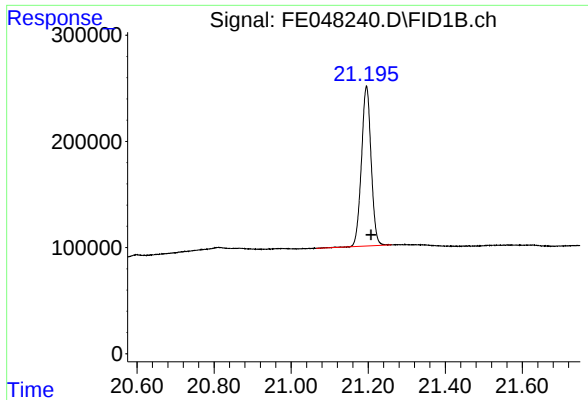
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: -0.011 min
Response: 2628052
Conc: 19.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: -0.011 min
Response: 2639532
Conc: 19.49 ug/ml m



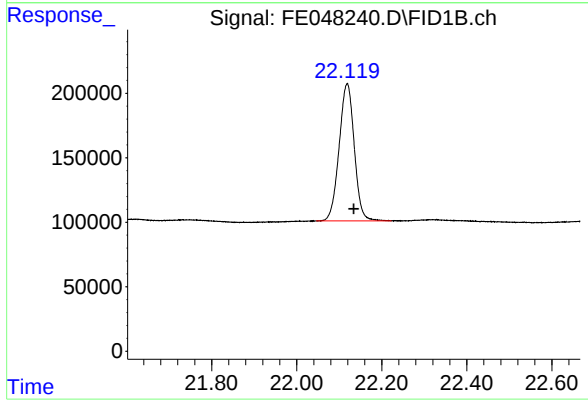
#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: -0.012 min
Response: 2613864
Conc: 18.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.119 min
Delta R.T.: -0.015 min
Response: 2635507
Conc: 18.92 ug/ml