

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040623AL\
 Data File : FE041215.D
 Signal(s) : FID1B.ch
 Acq On : 07 Apr 2023 03:19
 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 04/07/2023
 Supervised By :Ankita Jodhani 04/07/2023

Integration File: autoint1.e
 Quant Time: Apr 07 04:56:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.843	3680772	19.585 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
12) S 1-chlorooctadecane (S...	13.282	2860157	19.879 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
Target Compounds			
1) T n-Nonane (C9)	3.243	3255132	18.760 ug/ml
2) T n-Decane (C10)	4.489	3269818	19.210 ug/ml
3) T A~Naphthalene (C11.7)	6.191	3618457	19.783 ug/ml
4) T n-Dodecane (C12)	6.654	3345155	19.285 ug/ml
5) T A~2-methylnaphthalene...	7.287	3399853	20.529 ug/ml
6) T n-Tetradecane (C14)	8.480	3390568	19.445 ug/ml
7) T n-Hexadecane (C16)	10.086	3501726	19.689 ug/ml
8) T n-Octadecane (C18)	11.529	3525879	19.747 ug/ml
10) T n-Eicosane (C20)	12.838	3394262	19.899 ug/ml
11) T n-Heneicosane (C21)	13.450	3364433	19.886 ug/ml
13) T n-Docosane (C22)	14.037	3323156	20.081 ug/ml
14) T n-Tetracosane (C24)	15.140	3305478	20.431 ug/ml
15) T n-Hexacosane (C26)	16.161	3214503	20.737 ug/ml
16) T n-Octacosane (C28)	17.113	3258990	21.275 ug/ml
17) T n-Tricontane (C30)	18.002	3384307	22.141 ug/ml
18) T n-Dotriacontane (C32)	18.835	3409752	21.839 ug/ml
19) T n-Tetratriacontane (C34)	19.621	3375412	21.781 ug/mlm
20) T n-Hexatriacontane (C36)	20.362	3250753	21.401 ug/ml
21) T n-Octatriacontane (C38)	21.086	3285892	21.034 ug/mlm
22) T n-Tetracontane (C40)	21.968	3399714	21.301 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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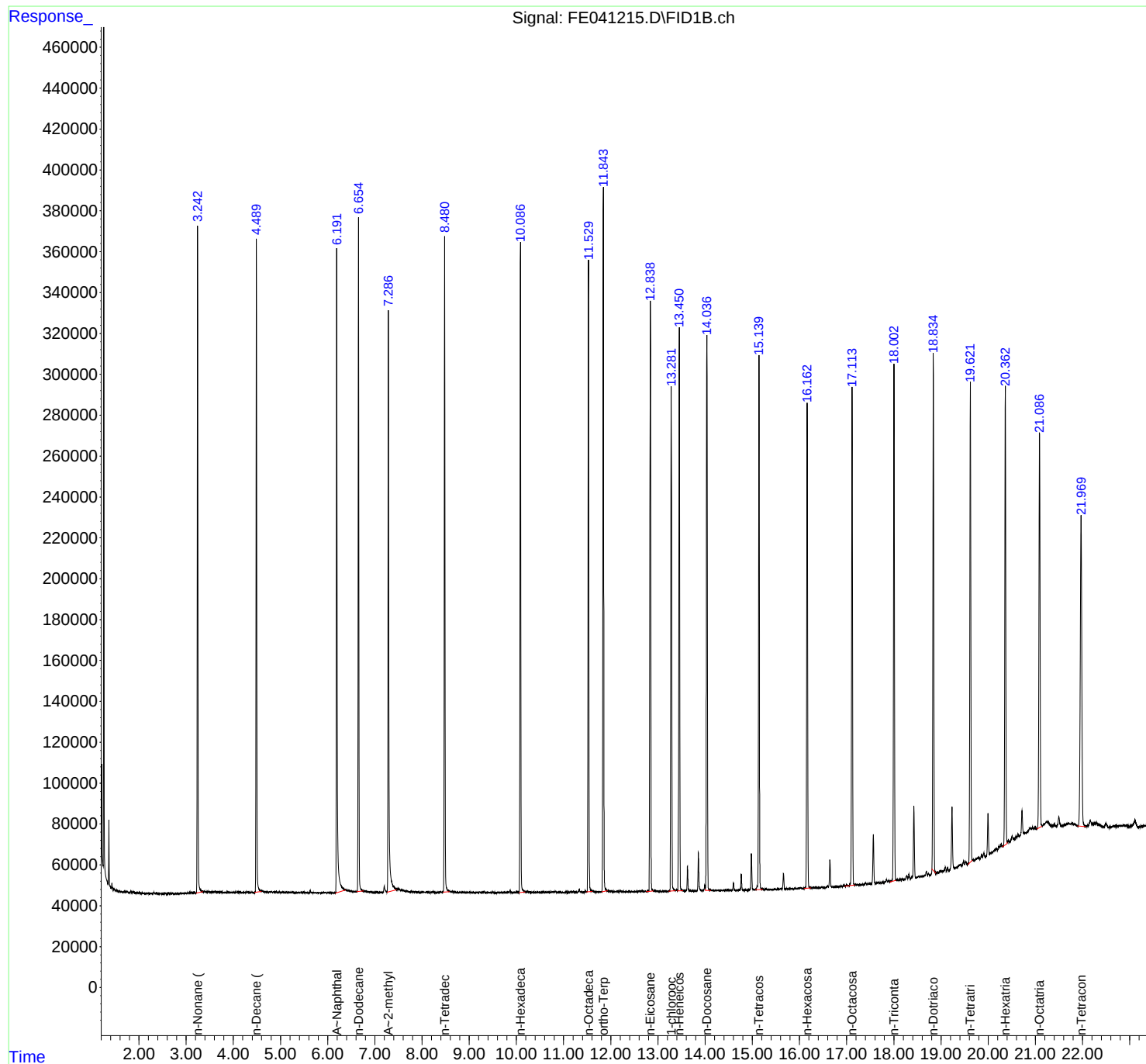
Instrument :
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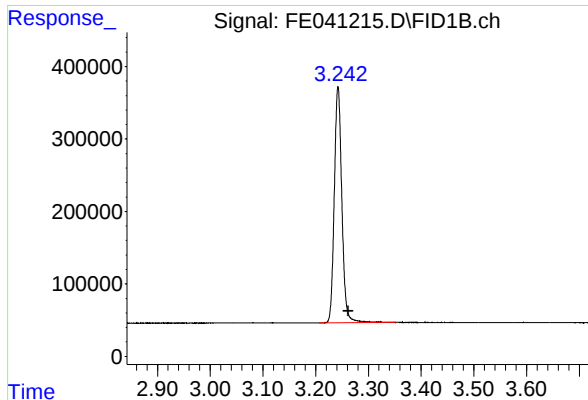
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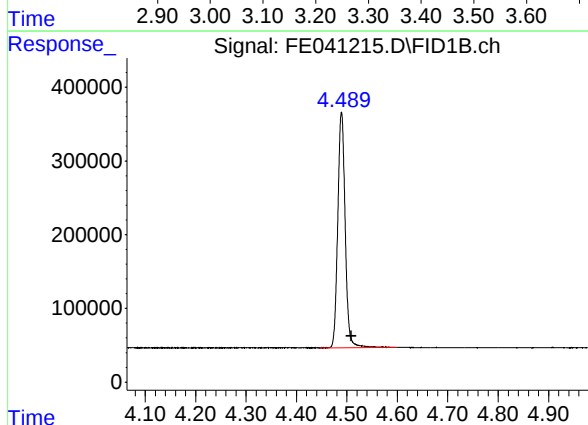
#1 n-Nonane (C9)

R.T.: 3.243 min
Delta R.T.: -0.019 min
Response: 3255132
Conc: 18.76 ug/ml

Instrument :
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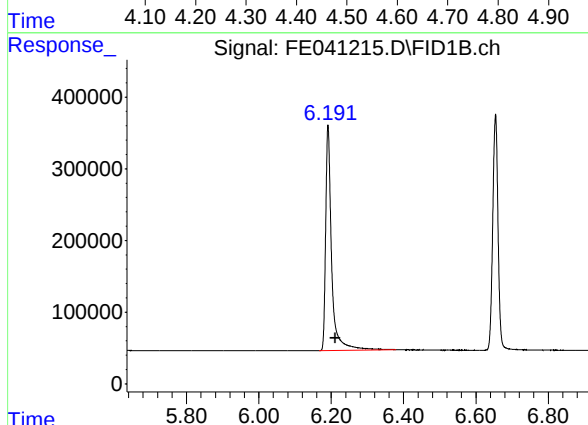
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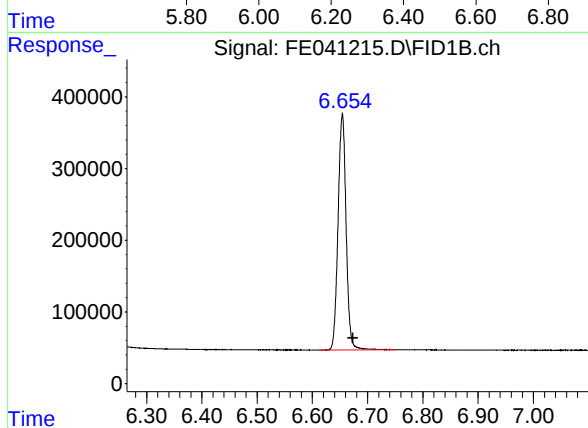
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: -0.019 min
Response: 3269818
Conc: 19.21 ug/ml



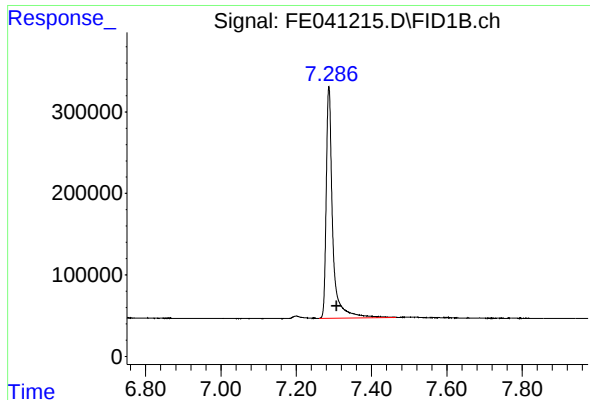
#3 A~Naphthalene (C11.7)

R.T.: 6.191 min
Delta R.T.: -0.021 min
Response: 3618457
Conc: 19.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.654 min
Delta R.T.: -0.019 min
Response: 3345155
Conc: 19.28 ug/ml



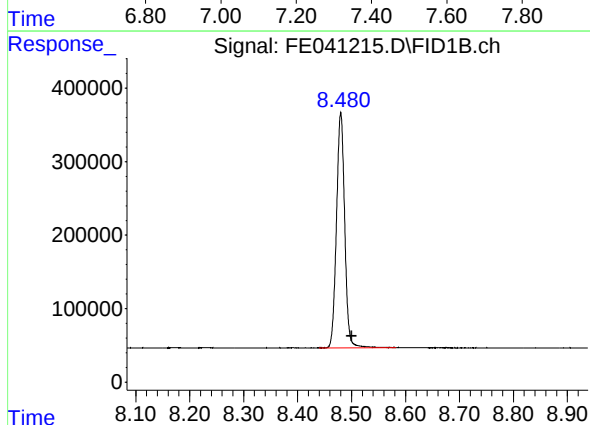
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.287 min
Delta R.T.: -0.021 min
Response: 3399853
Conc: 20.53 ug/ml

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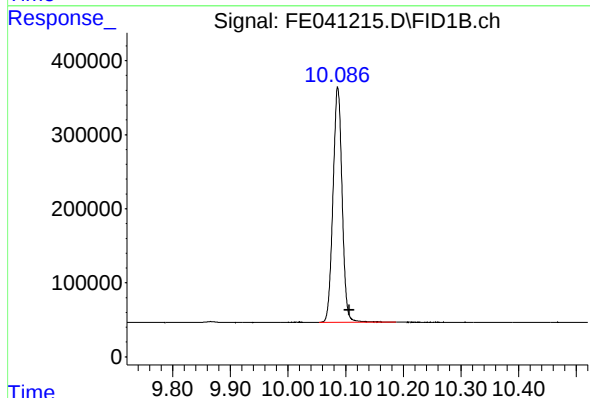
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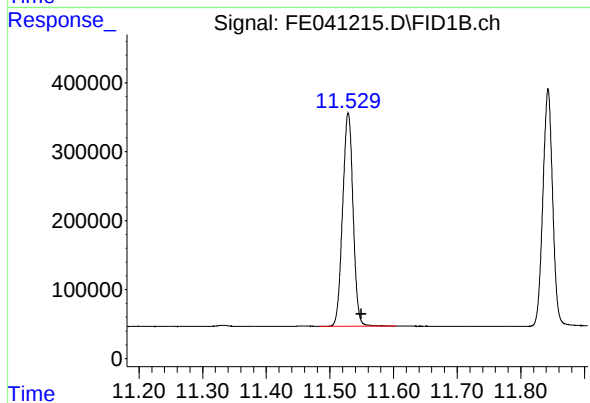
#6 n-Tetradecane (C14)

R.T.: 8.480 min
Delta R.T.: -0.020 min
Response: 3390568
Conc: 19.45 ug/ml



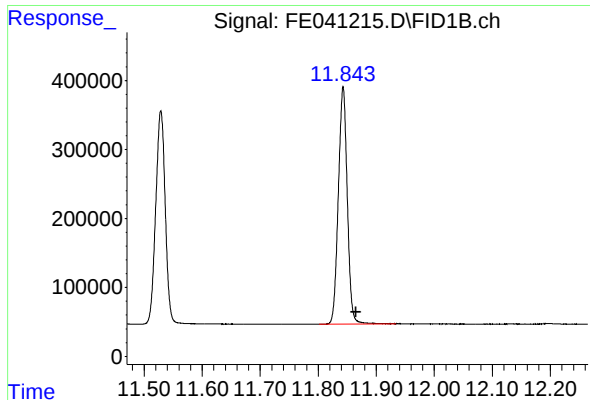
#7 n-Hexadecane (C16)

R.T.: 10.086 min
Delta R.T.: -0.020 min
Response: 3501726
Conc: 19.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.529 min
Delta R.T.: -0.021 min
Response: 3525879
Conc: 19.75 ug/ml



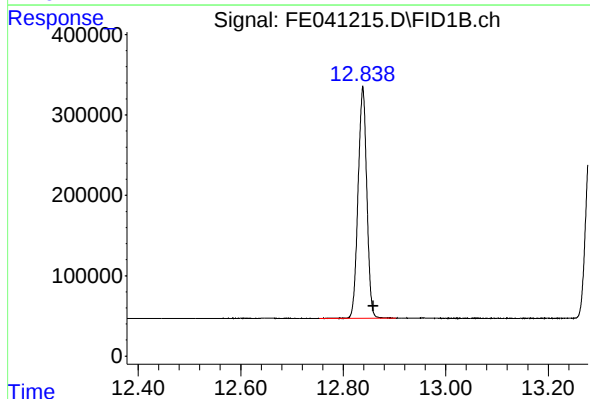
#9 ortho-Terphenyl (SURR)

R.T.: 11.843 min
Delta R.T.: -0.022 min
Response: 3680772
Conc: 19.58 ug/ml

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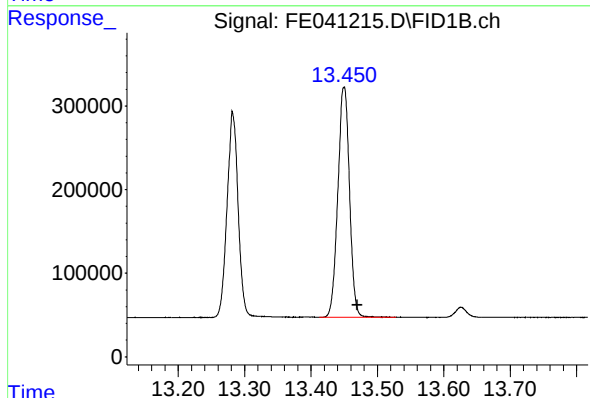
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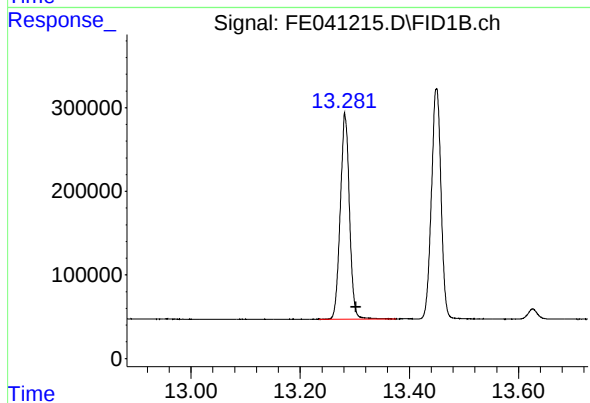
#10 n-Eicosane (C20)

R.T.: 12.838 min
Delta R.T.: -0.020 min
Response: 3394262
Conc: 19.90 ug/ml



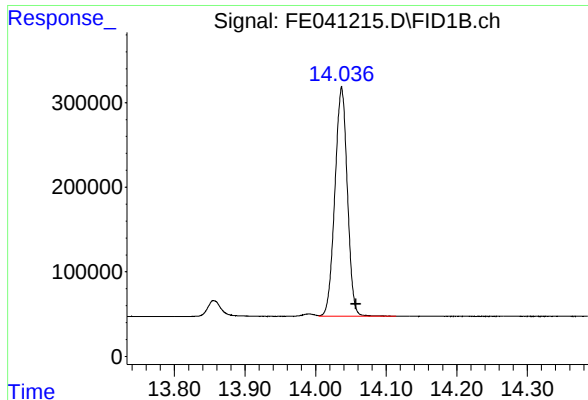
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: -0.020 min
Response: 3364433
Conc: 19.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.282 min
Delta R.T.: -0.020 min
Response: 2860157
Conc: 19.88 ug/ml



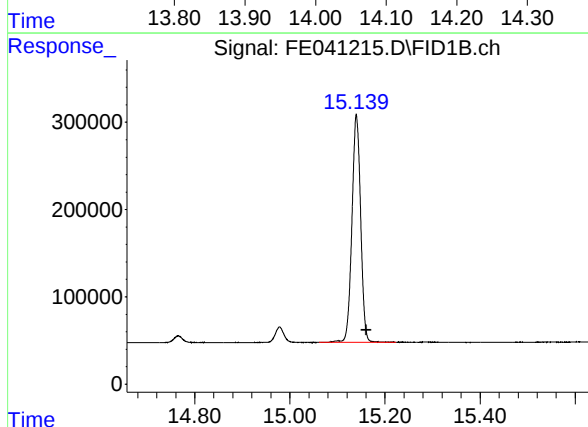
#13 n-Docosane (C22)

R.T.: 14.037 min
Delta R.T.: -0.020 min
Response: 3323156
Conc: 20.08 ug/ml

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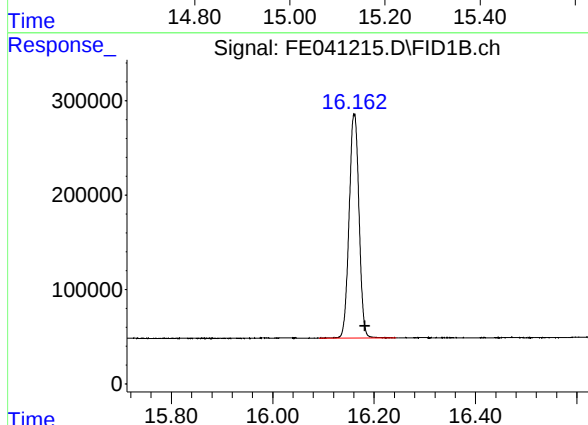
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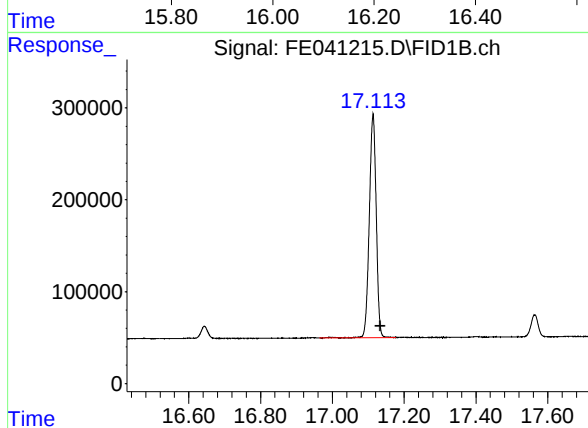
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.021 min
Response: 3305478
Conc: 20.43 ug/ml



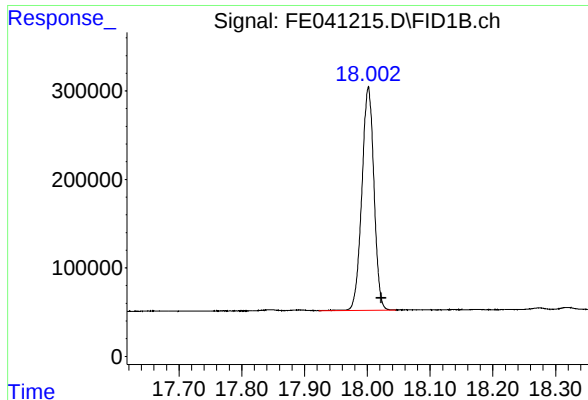
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.021 min
Response: 3214503
Conc: 20.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.113 min
Delta R.T.: -0.020 min
Response: 3258990
Conc: 21.28 ug/ml



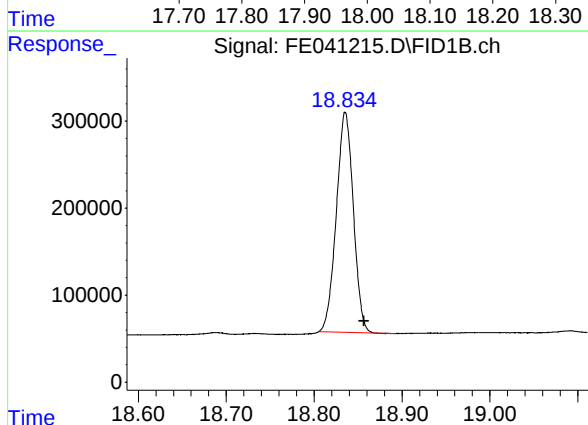
#17 n-Tricontane (C30)

R.T.: 18.002 min
Delta R.T.: -0.021 min
Response: 3384307
Conc: 22.14 ug/ml

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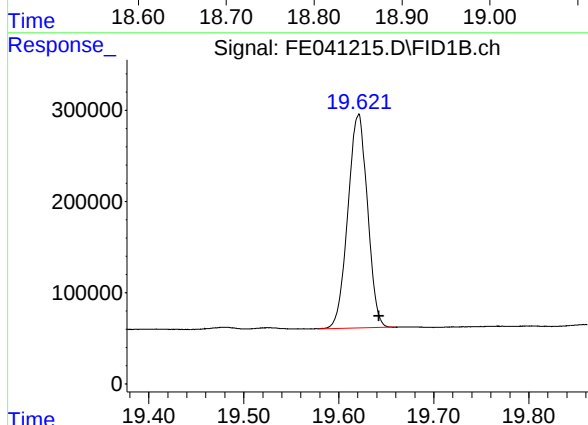
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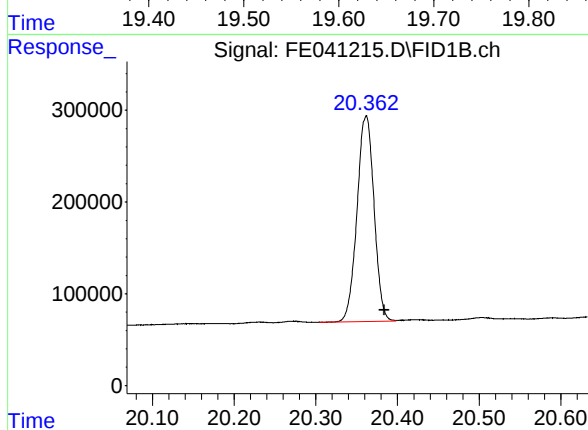
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.021 min
Response: 3409752
Conc: 21.84 ug/ml



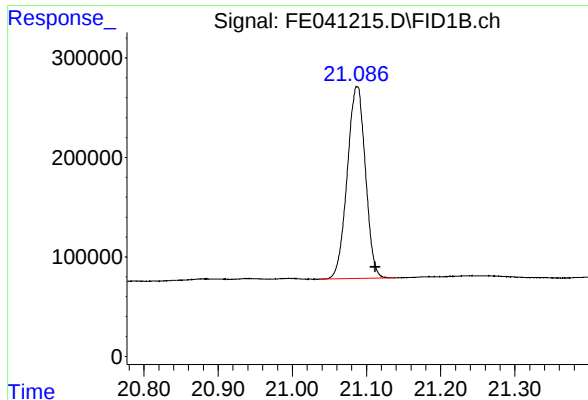
#19 n-Tetratriacontane (C34)

R.T.: 19.621 min
Delta R.T.: -0.021 min
Response: 3375412
Conc: 21.78 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.362 min
Delta R.T.: -0.022 min
Response: 3250753
Conc: 21.40 ug/ml



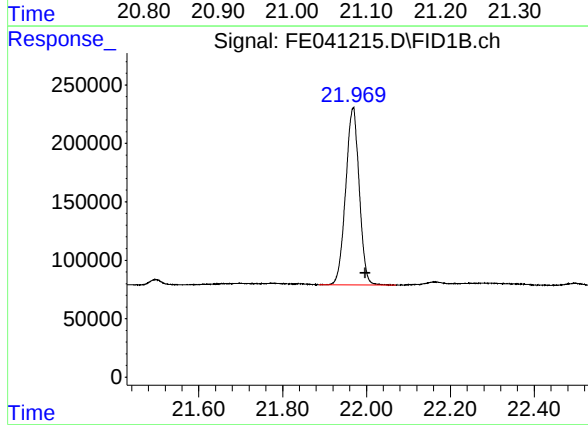
#21 n-Octatriacontane (C38)

R.T.: 21.086 min
Delta R.T.: -0.026 min
Response: 3285892
Conc: 21.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: -0.030 min
Response: 3399714
Conc: 21.30 ug/ml