

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072823AL\
 Data File : FE043614.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jul 2023 23:58
 Operator : YP\AJ
 Sample : 03813-04MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PLAUDERVILLE-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2023
 Supervised By :Ankita Jodhani 07/31/2023

Integration File: sample.E
 Quant Time: Jul 29 04:26:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.886	5586472	31.198 ug/ml
Spiked Amount 50.000		Recovery =	62.40%
12) S 1-chlorooctadecane (S...	13.323	4255431	32.387 ug/ml
Spiked Amount 50.000		Recovery =	64.77%
Target Compounds			
1) T n-Nonane (C9)	3.261	4365424	28.592 ug/ml
2) T n-Decane (C10)	4.516	4950443	31.755 ug/mlm
3) T A~Naphthalene (C11.7)	6.227	5563560	34.575 ug/ml
4) T n-Dodecane (C12)	6.688	5497491	34.888 ug/ml
5) T A~2-methylnaphthalene...	7.325	5664964	37.333 ug/ml
6) T n-Tetradecane (C14)	8.518	5848629	36.977 ug/ml
7) T n-Hexadecane (C16)	10.124	5950934	36.772 ug/ml
8) T n-Octadecane (C18)	11.568	6059554	37.171 ug/ml
10) T n-Eicosane (C20)	12.878	6078261	39.122 ug/ml
11) T n-Heneicosane (C21)	13.488	5846532	38.590 ug/ml
13) T n-Docosane (C22)	14.075	5795226	38.777 ug/ml
14) T n-Tetracosane (C24)	15.174	11385066	77.523 ug/ml
15) T n-Hexacosane (C26)	16.201	5561029	39.044 ug/ml
16) T n-Octacosane (C28)	17.149	5632150	40.028 ug/ml
17) T n-Tricontane (C30)	18.039	5509675	37.401 ug/ml
18) T n-Dotriacontane (C32)	18.869	5469251	36.910 ug/ml
19) T n-Tetratriacontane (C34)	19.654	5339070	36.994 ug/ml
20) T n-Hexatriacontane (C36)	20.394	5388523	36.662 ug/ml
21) T n-Octatriacontane (C38)	21.131	5443084	38.157 ug/ml
22) T n-Tetracontane (C40)	22.041	5694727	38.587 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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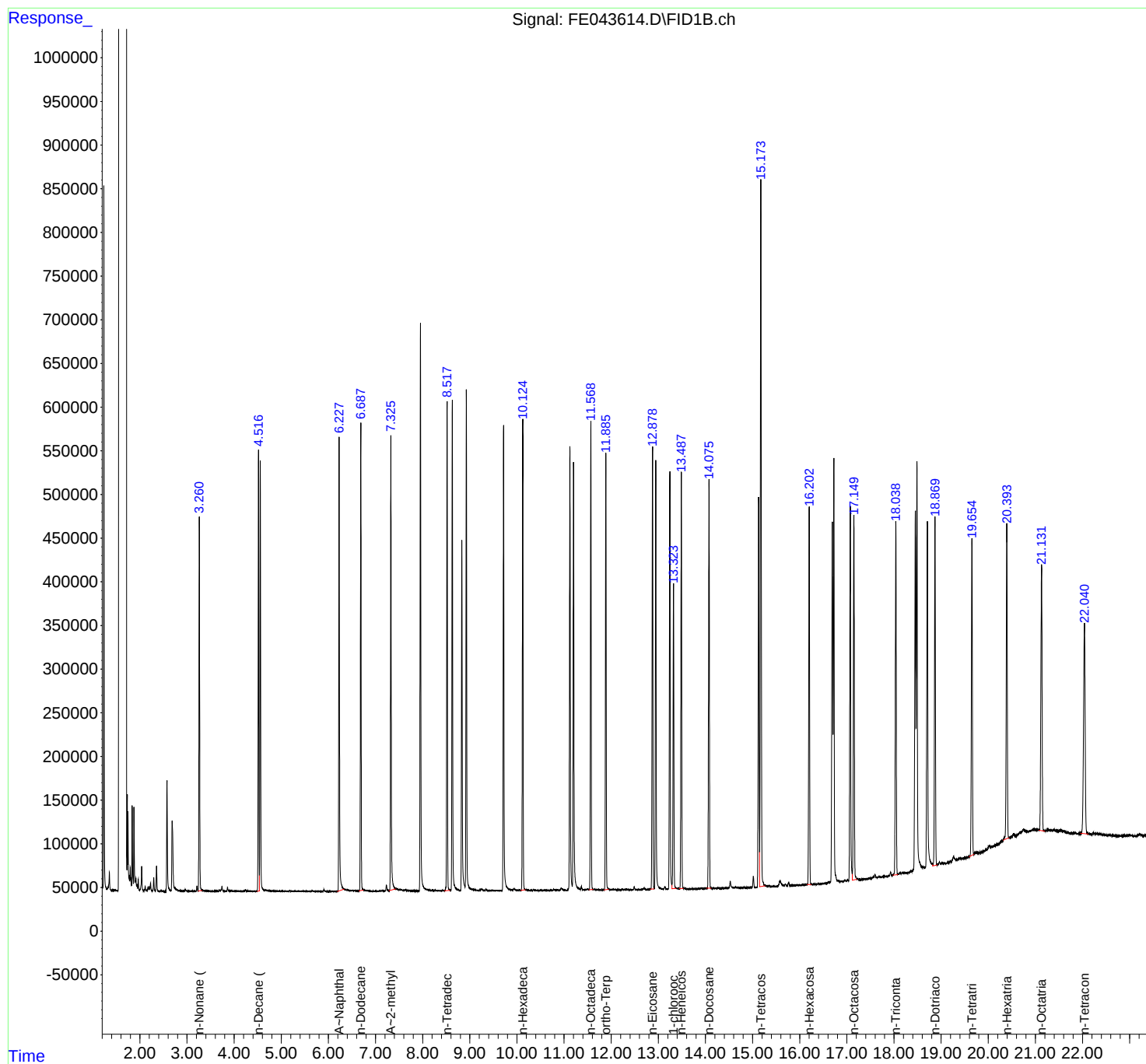
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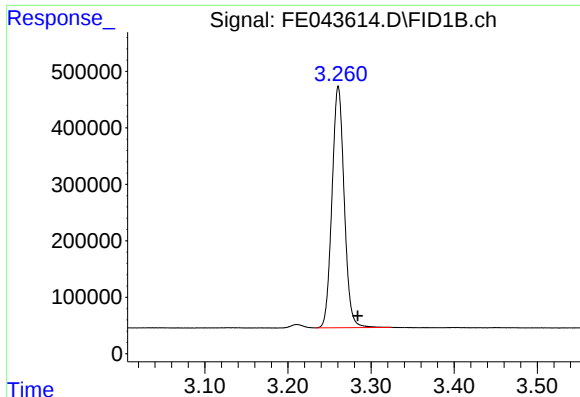
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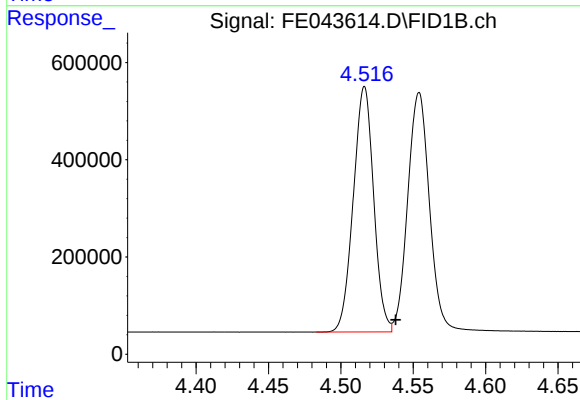
#1 n-Nonane (C9)

R.T.: 3.261 min
Delta R.T.: -0.023 min
Response: 4365424
Conc: 28.59 ug/ml

Instrument :
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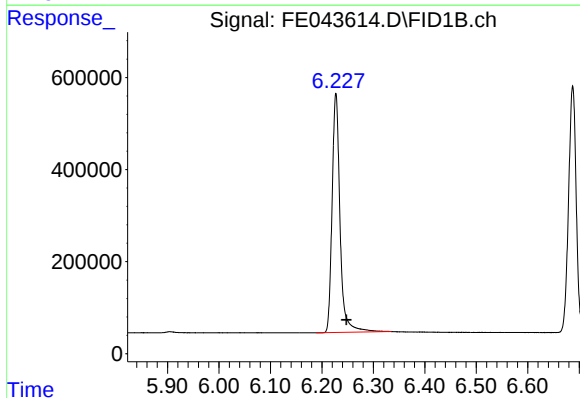
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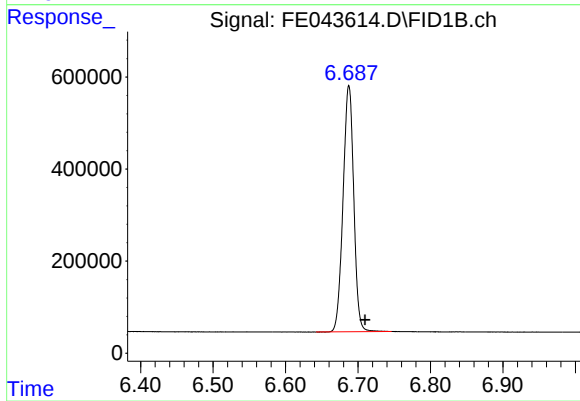
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.022 min
Response: 4950443
Conc: 31.75 ug/ml m



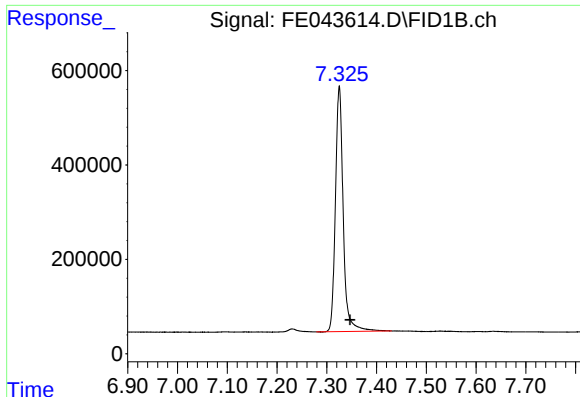
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: -0.021 min
Response: 5563560
Conc: 34.57 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.688 min
Delta R.T.: -0.022 min
Response: 5497491
Conc: 34.89 ug/ml



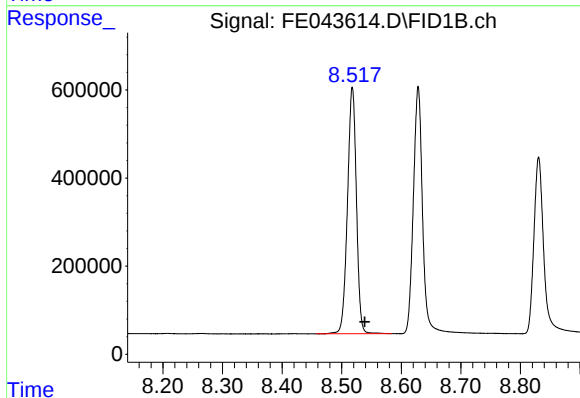
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.325 min
Delta R.T.: -0.021 min
Response: 5664964
Conc: 37.33 ug/ml

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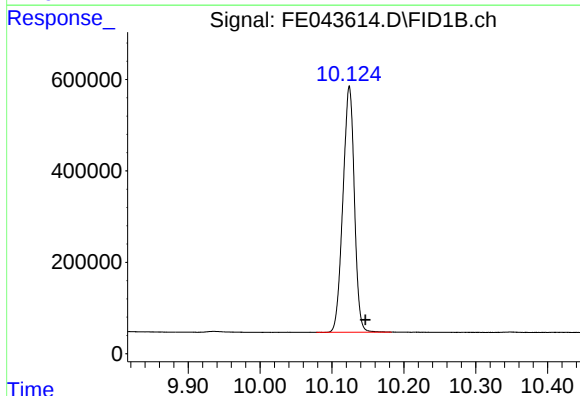
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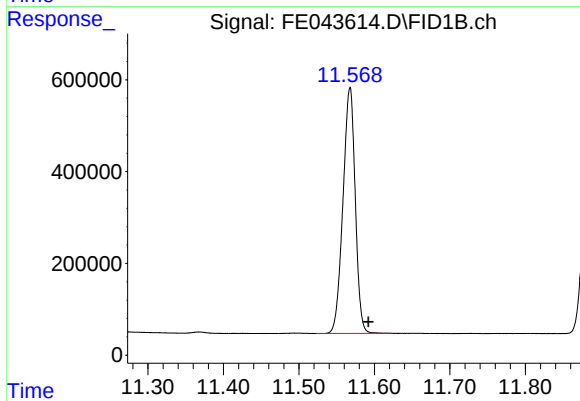
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: -0.020 min
Response: 5848629
Conc: 36.98 ug/ml



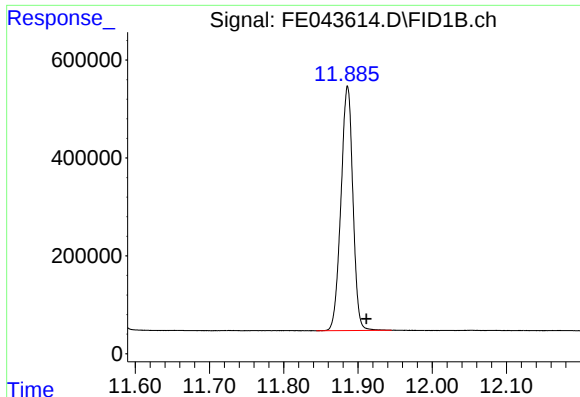
#7 n-Hexadecane (C16)

R.T.: 10.124 min
Delta R.T.: -0.023 min
Response: 5950934
Conc: 36.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.568 min
Delta R.T.: -0.024 min
Response: 6059554
Conc: 37.17 ug/ml



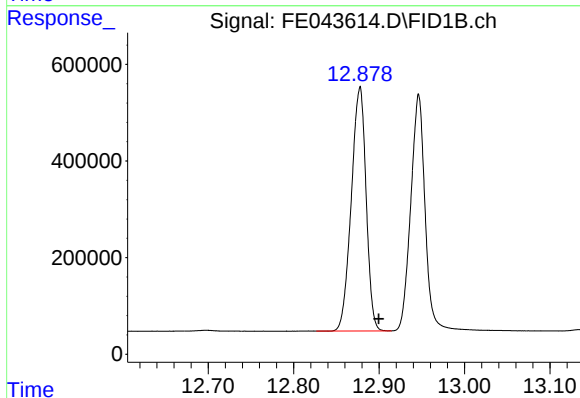
#9 ortho-Terphenyl (SURR)

R.T.: 11.886 min
Delta R.T.: -0.025 min
Response: 5586472
Conc: 31.20 ug/ml

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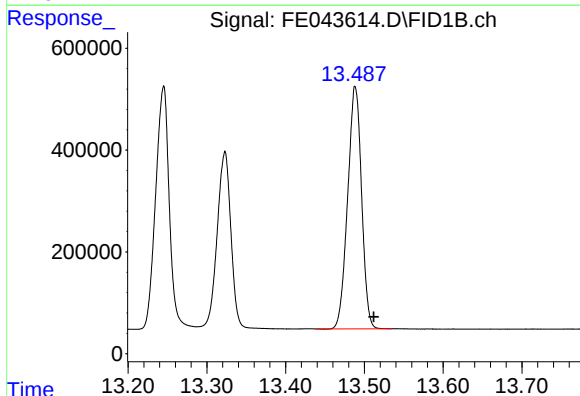
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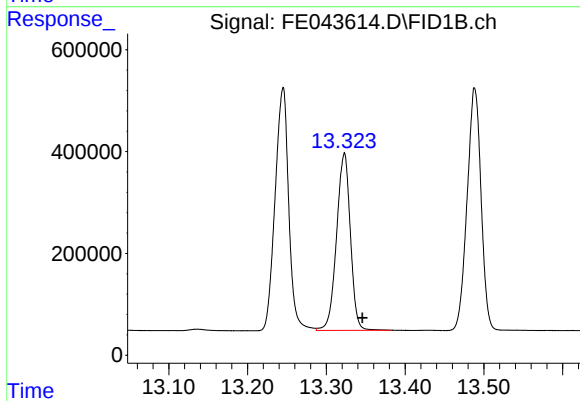
#10 n-Eicosane (C20)

R.T.: 12.878 min
Delta R.T.: -0.022 min
Response: 6078261
Conc: 39.12 ug/ml



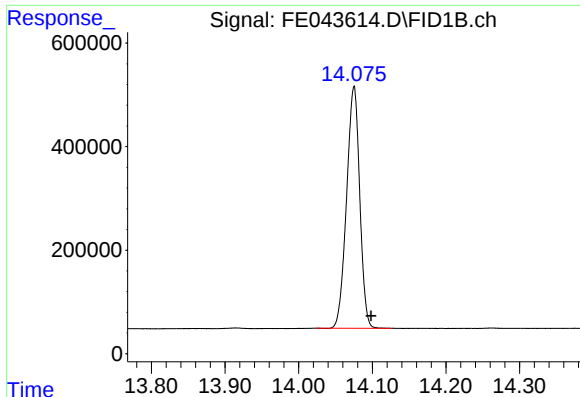
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: -0.024 min
Response: 5846532
Conc: 38.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.323 min
Delta R.T.: -0.023 min
Response: 4255431
Conc: 32.39 ug/ml



#13 n-Docosane (C22)

R.T.: 14.075 min
Delta R.T.: -0.023 min
Response: 5795226
Conc: 38.78 ug/ml

Instrument :

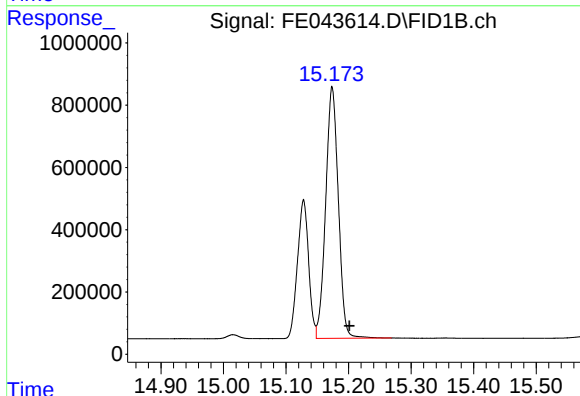
FID_E

ClientSampleId :

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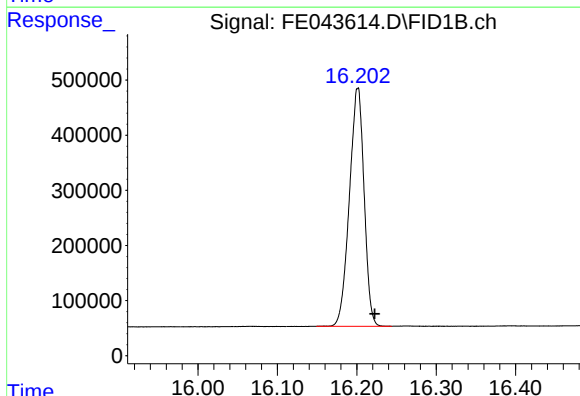
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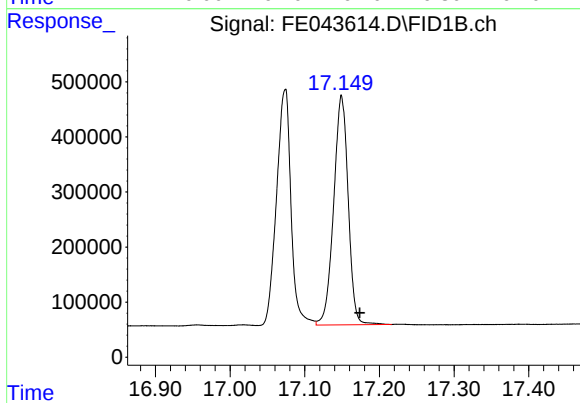
#14 n-Tetracosane (C24)

R.T.: 15.174 min
Delta R.T.: -0.027 min
Response: 11385066
Conc: 77.52 ug/ml



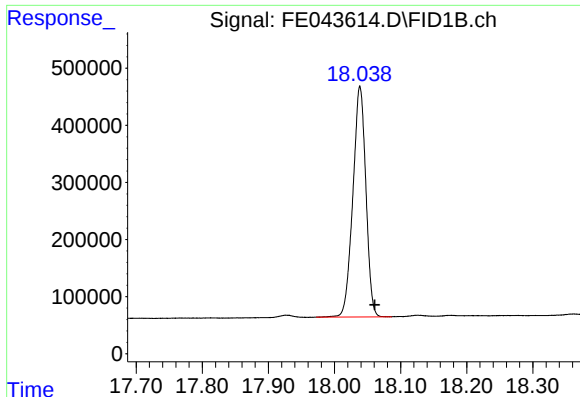
#15 n-Hexacosane (C26)

R.T.: 16.201 min
Delta R.T.: -0.021 min
Response: 5561029
Conc: 39.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.149 min
Delta R.T.: -0.024 min
Response: 5632150
Conc: 40.03 ug/ml



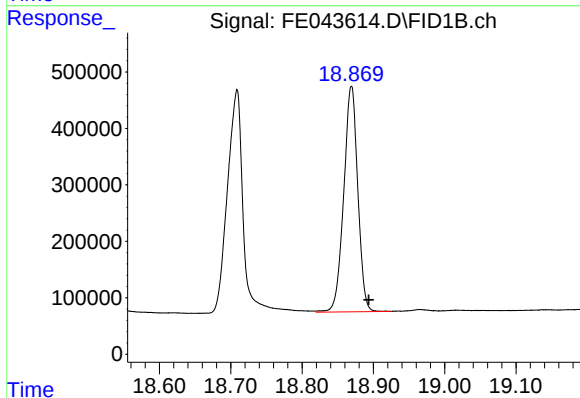
#17 n-Tricontane (C30)

R.T.: 18.039 min
Delta R.T.: -0.023 min
Response: 5509675
Conc: 37.40 ug/ml

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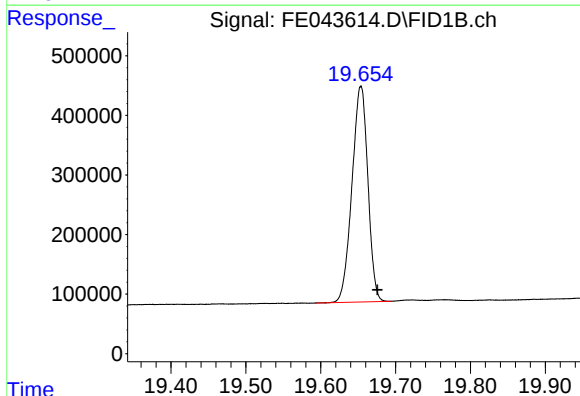
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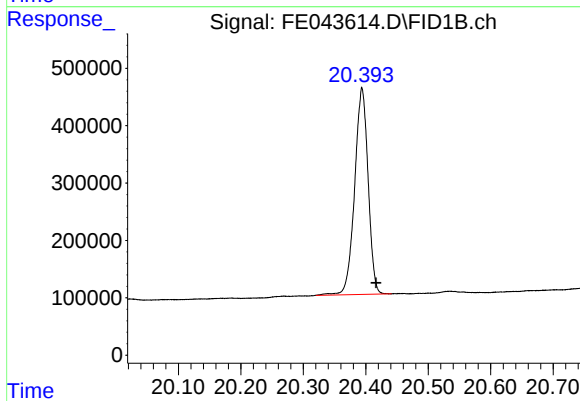
#18 n-Dotriacontane (C32)

R.T.: 18.869 min
Delta R.T.: -0.024 min
Response: 5469251
Conc: 36.91 ug/ml



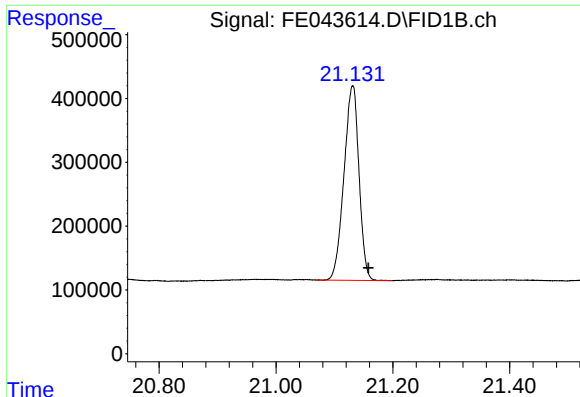
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min
Delta R.T.: -0.022 min
Response: 5339070
Conc: 36.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.394 min
Delta R.T.: -0.022 min
Response: 5388523
Conc: 36.66 ug/ml



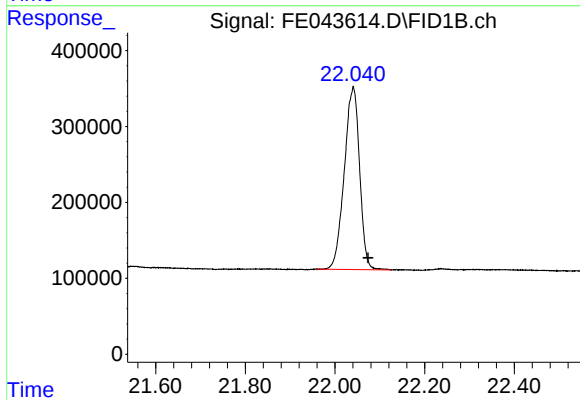
#21 n-Octatriacontane (C38)

R.T.: 21.131 min
Delta R.T.: -0.027 min
Response: 5443084
Conc: 38.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.041 min
Delta R.T.: -0.033 min
Response: 5694727
Conc: 38.59 ug/ml