

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110222AL\
 Data File : FE038524.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2022 03:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/03/2022
 Supervised By :Ankita Jodhani 11/03/2022

Integration File: autoint1.e
 Quant Time: Nov 03 04:26:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 Qlast Update : Wed Oct 26 04:49:29 2022
 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)	11.965	3251460	18.896 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
12) S 1-chlorooctadecane (S...	13.397	2543261	18.577 ug/ml
Spiked Amount 50.000		Recovery =	37.15%
Target Compounds			
1) T n-Nonane (C9)	3.363	3160223	20.519 ug/ml
2) T n-Decane (C10)	4.611	3191537	20.561 ug/ml
3) T A~Naphthalene (C11.7)	6.313	3390930	20.023 ug/ml
4) T n-Dodecane (C12)	6.773	3190340	20.423 ug/ml
5) T A~2-methylnaphthalene...	7.407	3309764	19.750 ug/ml
6) T n-Tetradecane (C14)	8.598	3154323	20.170 ug/ml
7) T n-Hexadecane (C16)	10.204	3137288	19.858 ug/ml
8) T n-Octadecane (C18)	11.644	3119410	19.474 ug/ml
10) T n-Eicosane (C20)	12.953	3051585	18.939 ug/ml
11) T n-Heneicosane (C21)	13.564	3019191	18.691 ug/ml
13) T n-Docosane (C22)	14.149	2989906	18.520 ug/ml
14) T n-Tetracosane (C24)	15.251	2914944	18.173 ug/ml
15) T n-Hexacosane (C26)	16.270	2869094	18.063 ug/ml
16) T n-Octacosane (C28)	17.218	2859729	18.228 ug/ml
17) T n-Tricontane (C30)	18.104	2979430	18.673 ug/mlm
18) T n-Dotriacontane (C32)	18.936	3082979	19.553 ug/mlm
19) T n-Tetratriacontane (C34)	19.717	2947734	19.995 ug/mlm
20) T n-Hexatriacontane (C36)	20.457	2983838	20.883 ug/ml
21) T n-Octatriacontane (C38)	21.199	3005116	22.250 ug/mlm
22) T n-Tetracontane (C40)	22.121	3132624	24.817 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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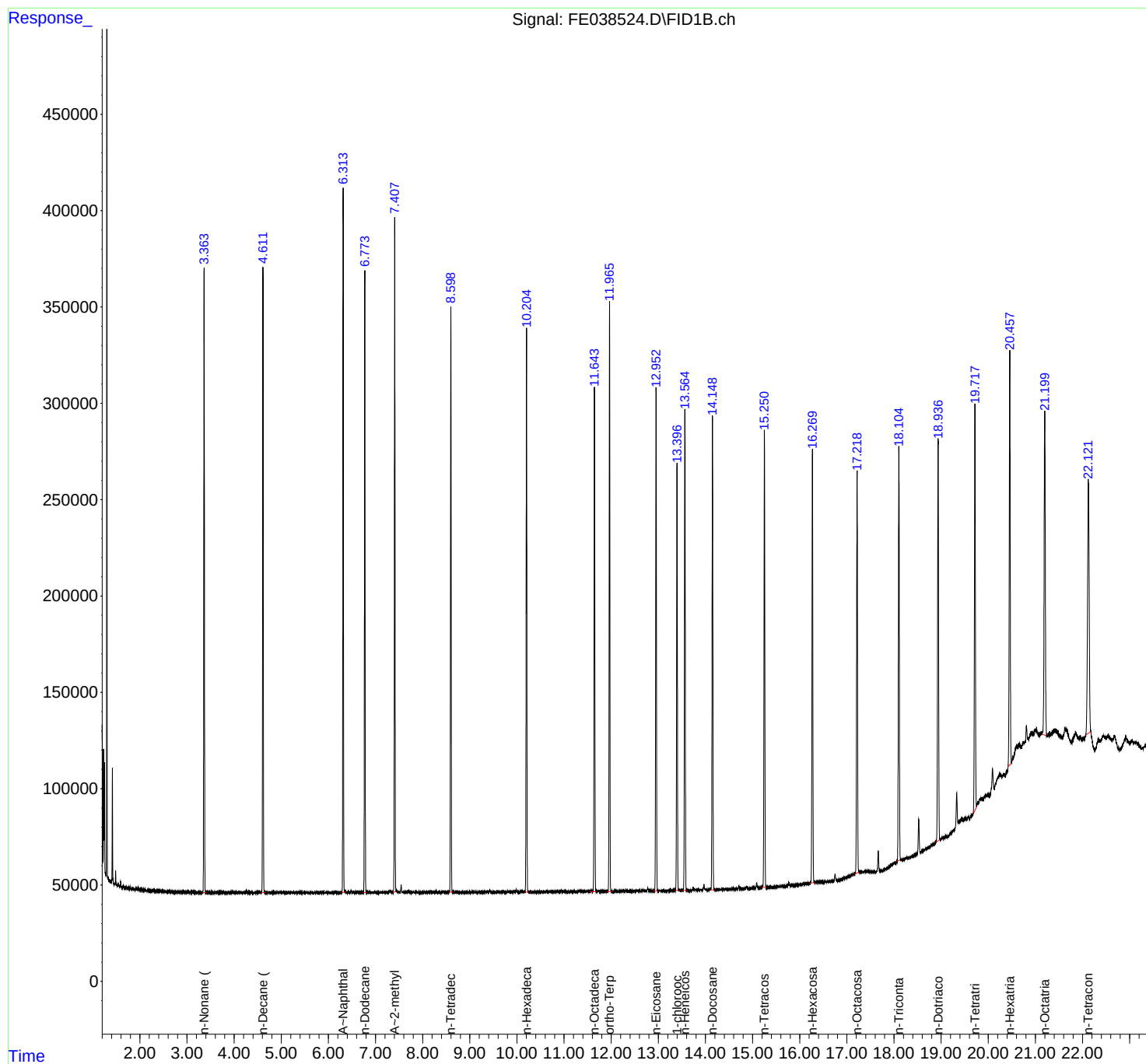
Instrument :
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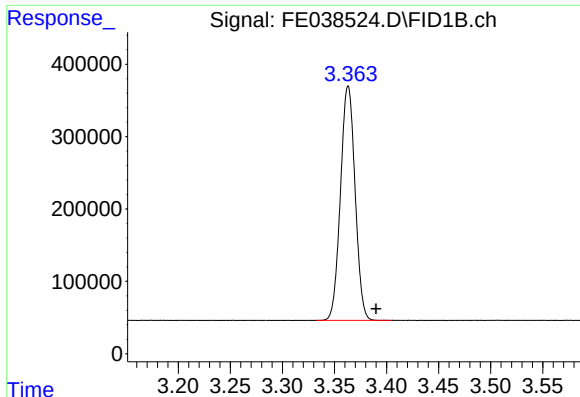
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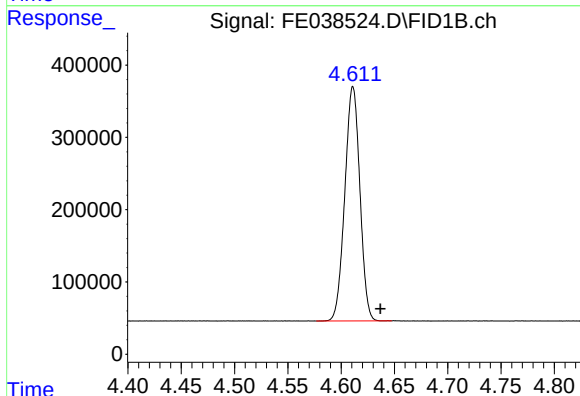
#1 n-Nonane (C9)

R.T.: 3.363 min
Delta R.T.: -0.027 min
Response: 3160223
Conc: 20.52 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

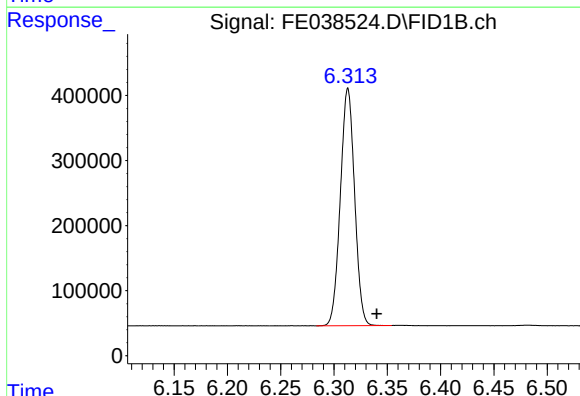
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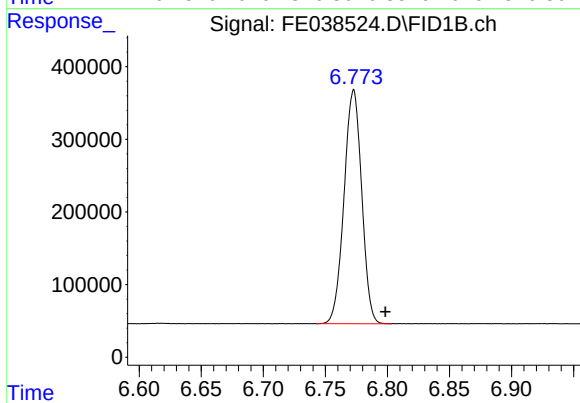
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: -0.026 min
Response: 3191537
Conc: 20.56 ug/ml



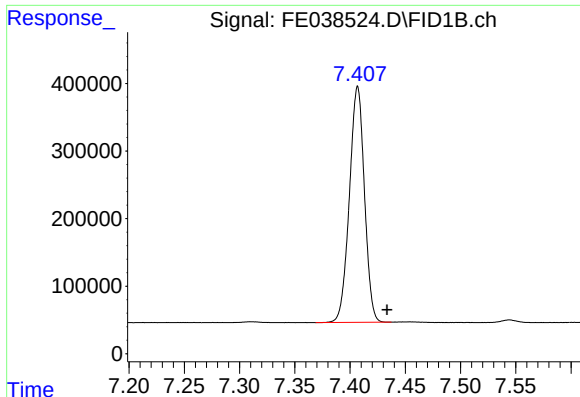
#3 A~Naphthalene (C11.7)

R.T.: 6.313 min
Delta R.T.: -0.027 min
Response: 3390930
Conc: 20.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: -0.026 min
Response: 3190340
Conc: 20.42 ug/ml



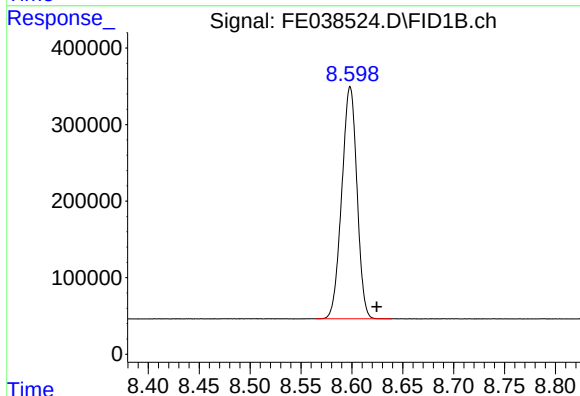
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.407 min
Delta R.T.: -0.027 min
Response: 3309764
Conc: 19.75 ug/ml

Instrument :
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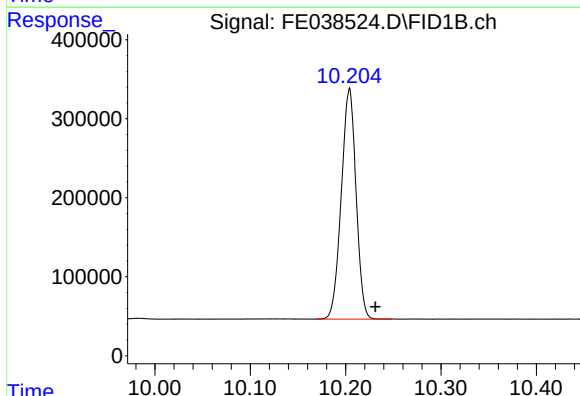
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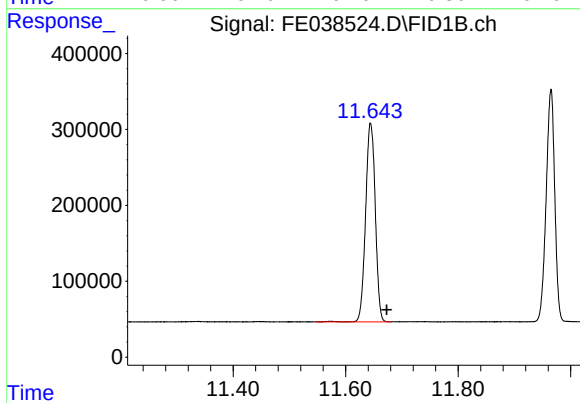
#6 n-Tetradecane (C14)

R.T.: 8.598 min
Delta R.T.: -0.026 min
Response: 3154323
Conc: 20.17 ug/ml



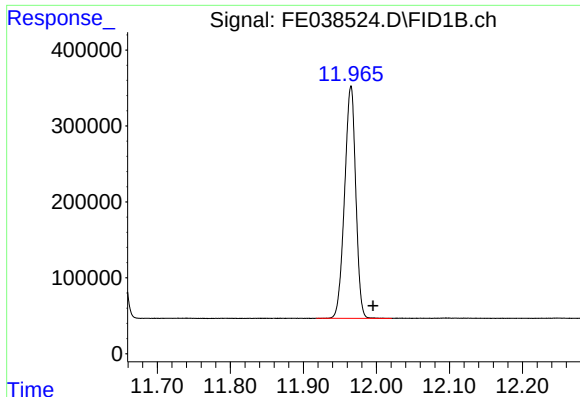
#7 n-Hexadecane (C16)

R.T.: 10.204 min
Delta R.T.: -0.027 min
Response: 3137288
Conc: 19.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.644 min
Delta R.T.: -0.029 min
Response: 3119410
Conc: 19.47 ug/ml



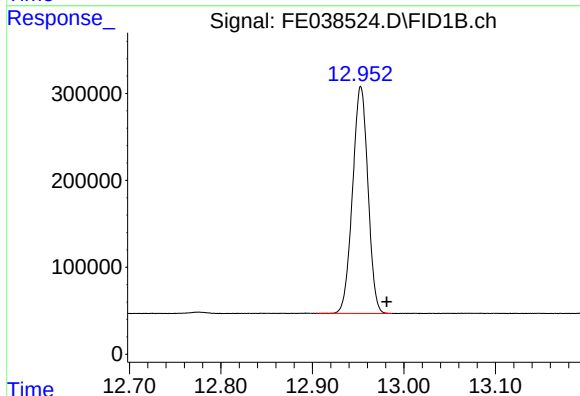
#9 ortho-Terphenyl (SURR)

R.T.: 11.965 min
Delta R.T.: -0.030 min
Response: 3251460
Conc: 18.90 ug/ml

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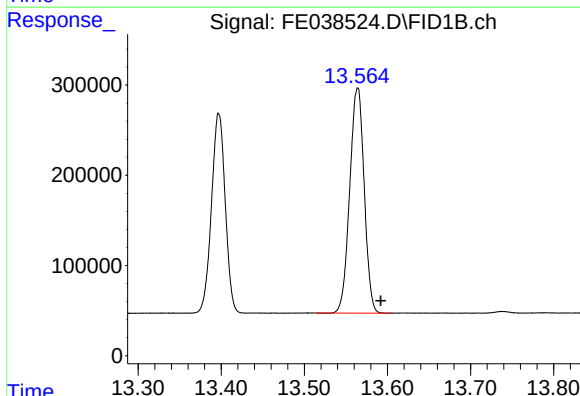
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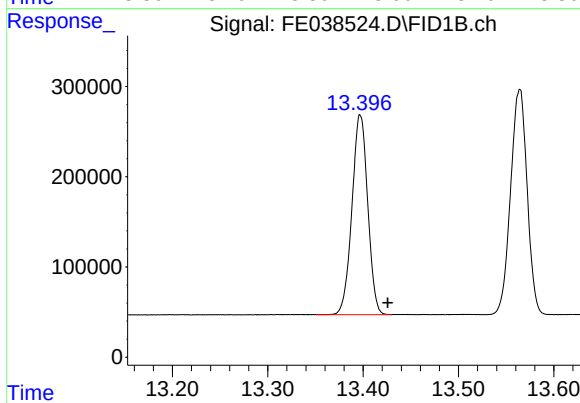
#10 n-Eicosane (C20)

R.T.: 12.953 min
Delta R.T.: -0.028 min
Response: 3051585
Conc: 18.94 ug/ml



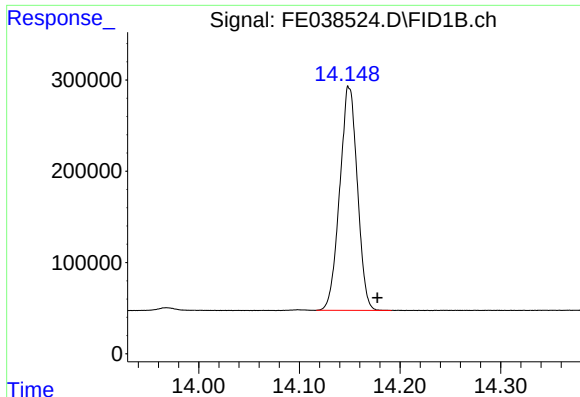
#11 n-Heneicosane (C21)

R.T.: 13.564 min
Delta R.T.: -0.028 min
Response: 3019191
Conc: 18.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.397 min
Delta R.T.: -0.029 min
Response: 2543261
Conc: 18.58 ug/ml



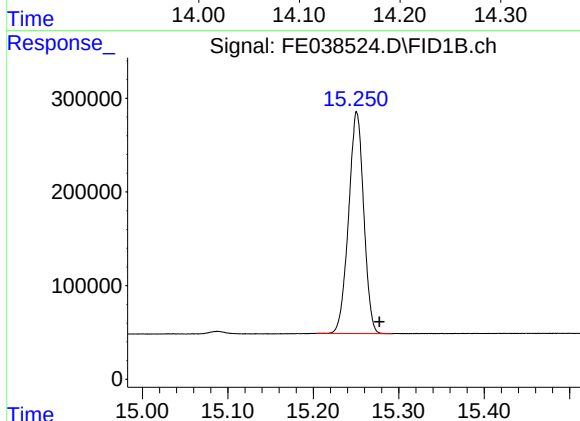
#13 n-Docosane (C22)

R.T.: 14.149 min
Delta R.T.: -0.028 min
Response: 2989906
Conc: 18.52 ug/ml

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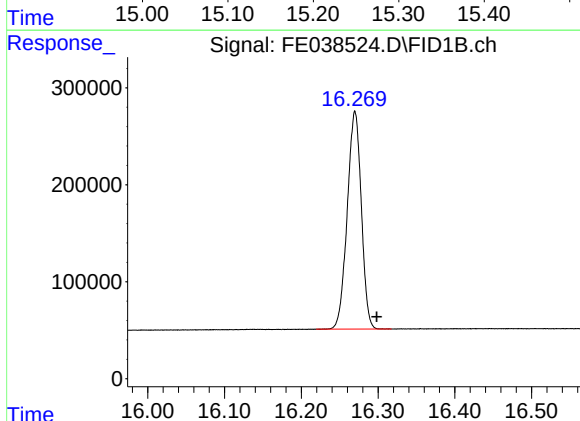
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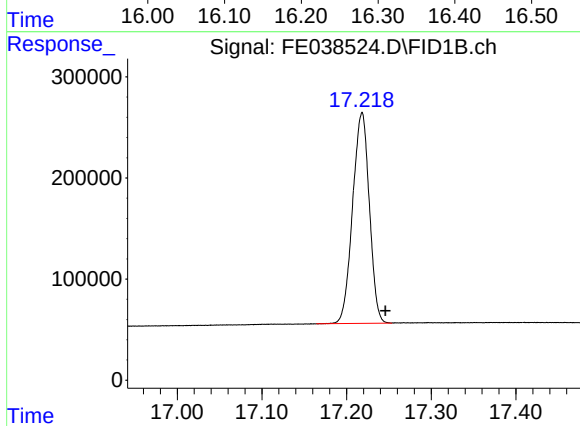
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: -0.026 min
Response: 2914944
Conc: 18.17 ug/ml



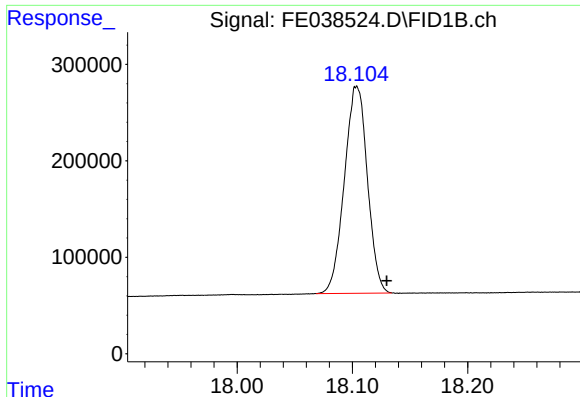
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: -0.028 min
Response: 2869094
Conc: 18.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.218 min
Delta R.T.: -0.028 min
Response: 2859729
Conc: 18.23 ug/ml



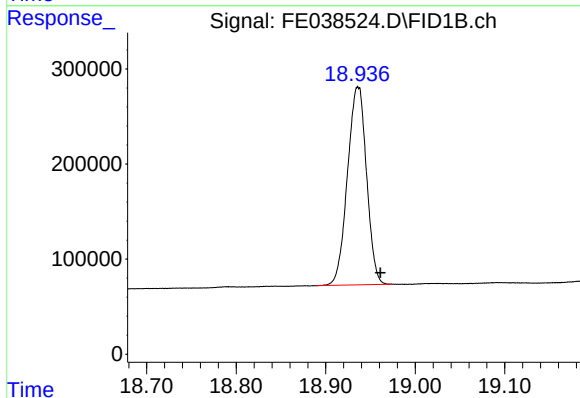
#17 n-Tricontane (C30)

R.T.: 18.104 min
Delta R.T.: -0.026 min
Response: 2979430
Conc: 18.67 ug/ml

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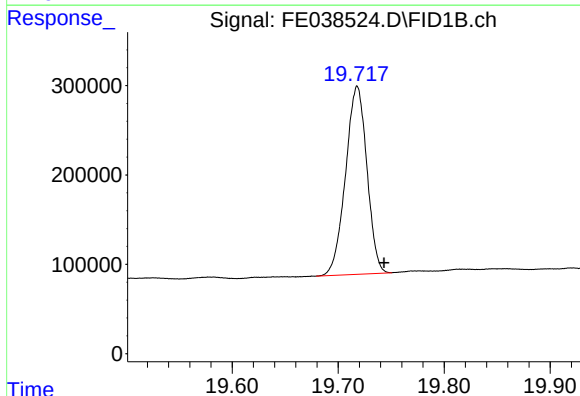
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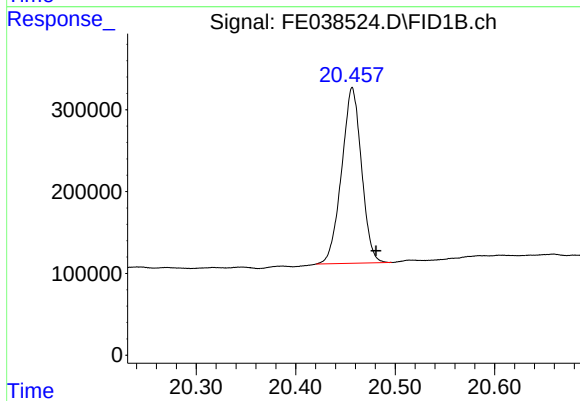
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: -0.026 min
Response: 3082979
Conc: 19.55 ug/ml m



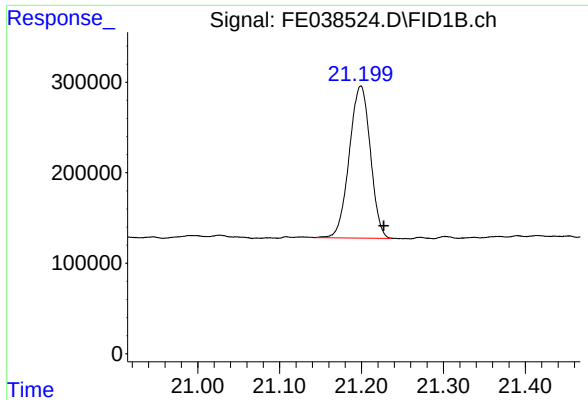
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: -0.026 min
Response: 2947734
Conc: 19.99 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.457 min
Delta R.T.: -0.024 min
Response: 2983838
Conc: 20.88 ug/ml



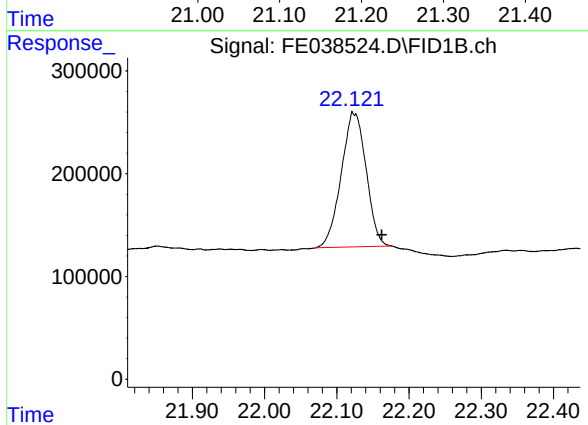
#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: -0.028 min
Response: 3005116
Conc: 22.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.121 min
Delta R.T.: -0.041 min
Response: 3132624
Conc: 24.82 ug/ml m