

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050322AL\
 Data File : FG009707.D
 Signal(s) : FID1A.ch
 Acq On : 03 May 2022 12:24
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2022
 Supervised By :mohammad ahmed 05/06/2022

Integration File: sample.E
 Quant Time: May 03 13:54:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH FG050322.M
 Quant Title : GC Extractables
 QLast Update : Tue May 03 13:53:42 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)	10.834	3020878	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.286	2421736	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	2.666	2491329	20.000 ug/ml
2) T n-Decane (C10)	3.677	2432469	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.237	2760477	20.000 ug/ml
4) T n-Dodecane (C12)	5.676	2524697	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.291	2729235	20.000 ug/ml
6) T n-Tetradecane (C14)	7.473	2531952	20.000 ug/ml
7) T n-Hexadecane (C16)	9.081	2605477	20.000 ug/ml
8) T n-Octadecane (C18)	10.528	2742796	20.000 ug/ml
10) T n-Eicosane (C20)	11.841	2758562	20.000 ug/ml
11) T n-Heneicosane (C21)	12.456	2789987	20.000 ug/ml
13) T n-Docosane (C22)	13.046	2798856	20.000 ug/ml
14) T n-Tetracosane (C24)	14.153	2812996	20.000 ug/ml
15) T n-Hexacosane (C26)	15.179	2793979	20.000 ug/ml
16) T n-Octacosane (C28)	16.131	2771206	20.000 ug/ml
17) T n-Tricontane (C30)	17.023	2709492	20.000 ug/ml
18) T n-Dotriacontane (C32)	17.858	2530120	20.000 ug/ml
19) T n-Tetratriacontane (C34)	18.644	2284535	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.387	1992189	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.124	1730686	20.000 ug/ml
22) T n-Tetracontane (C40)	21.032	1593696	20.000 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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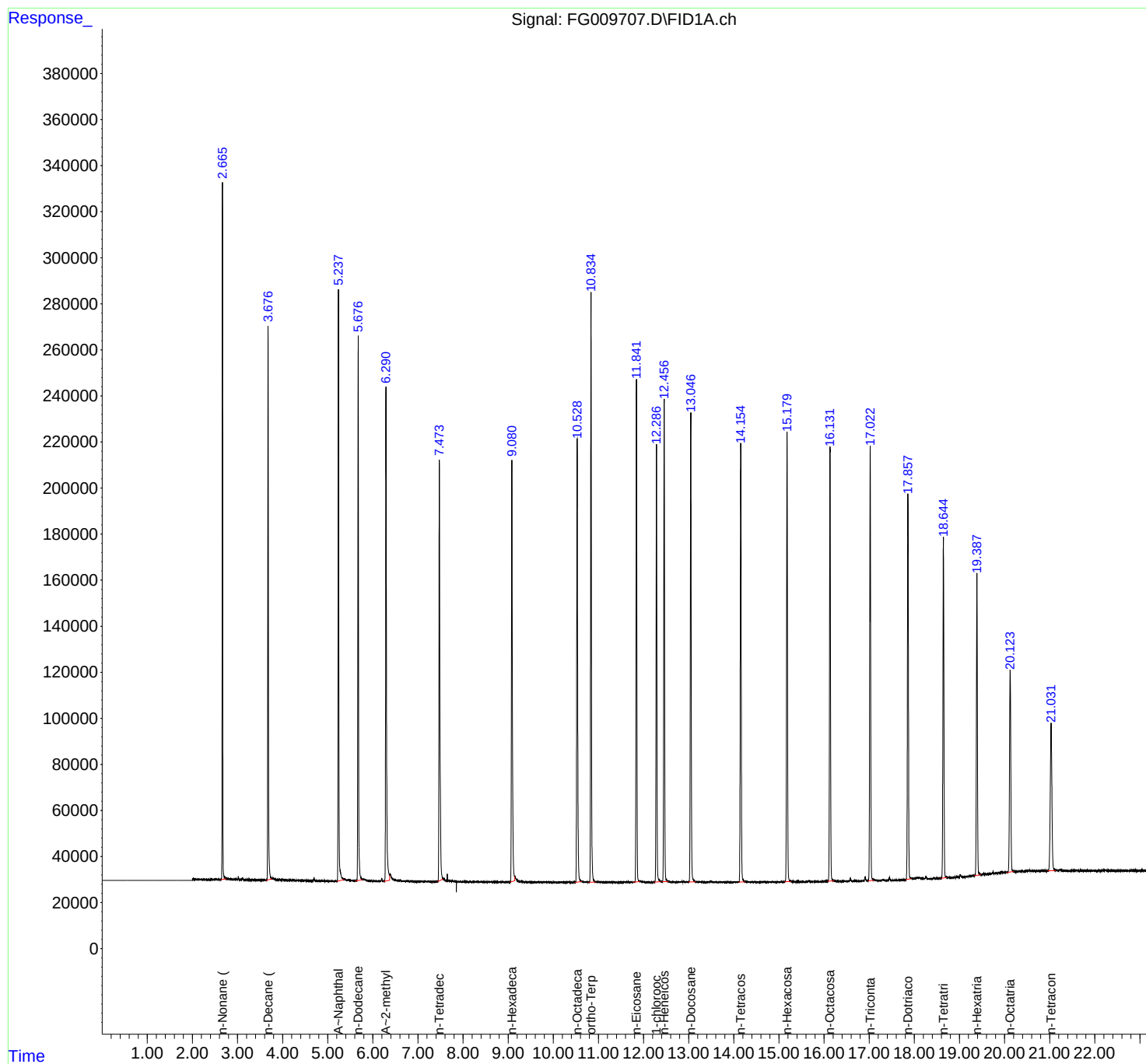
Instrument :
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20 PPM ALIPHATIC HC STD3

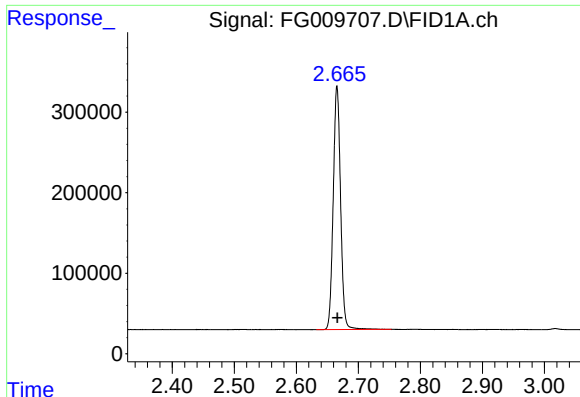
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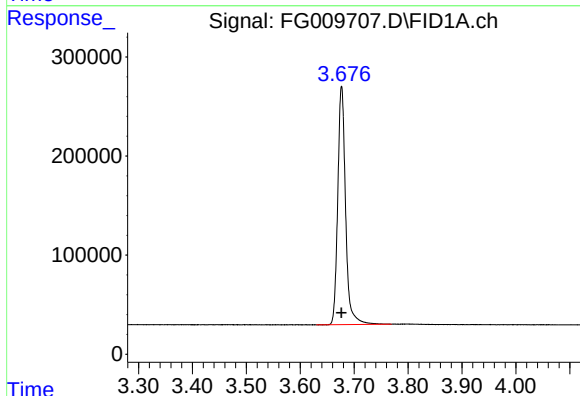
#1 n-Nonane (C9)

R.T.: 2.666 min
Delta R.T.: 0.000 min
Response: 2491329
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3

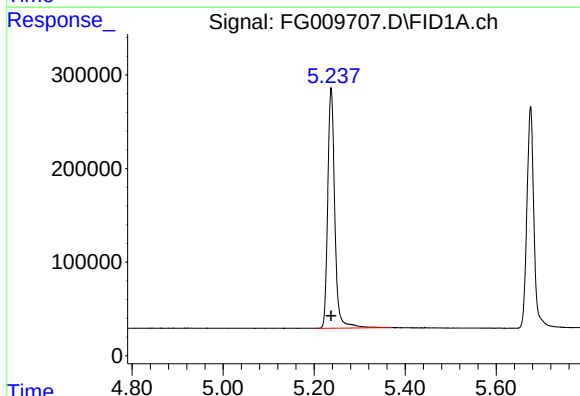
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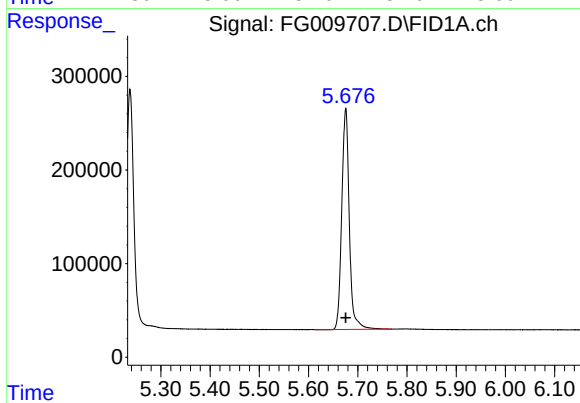
#2 n-Decane (C10)

R.T.: 3.677 min
Delta R.T.: 0.000 min
Response: 2432469
Conc: 20.00 ug/ml



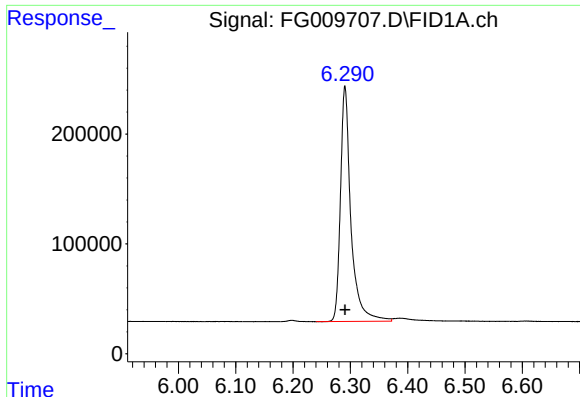
#3 A~Naphthalene (C11.7)

R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 2760477
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 2524697
Conc: 20.00 ug/ml



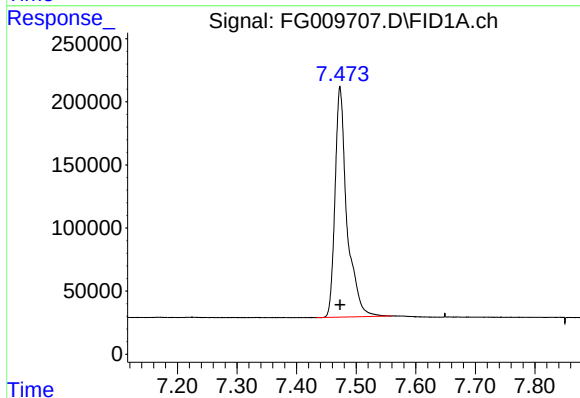
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.291 min
Delta R.T.: 0.000 min
Response: 2729235
Conc: 20.00 ug/ml

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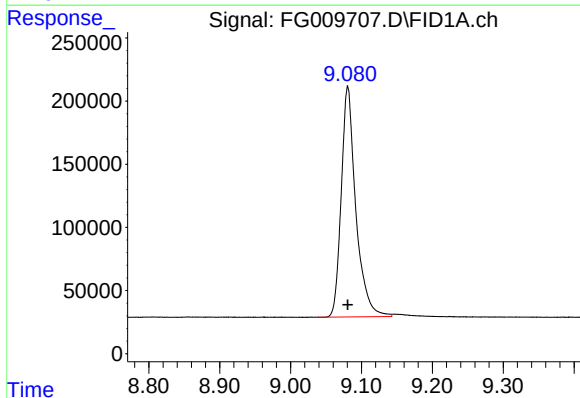
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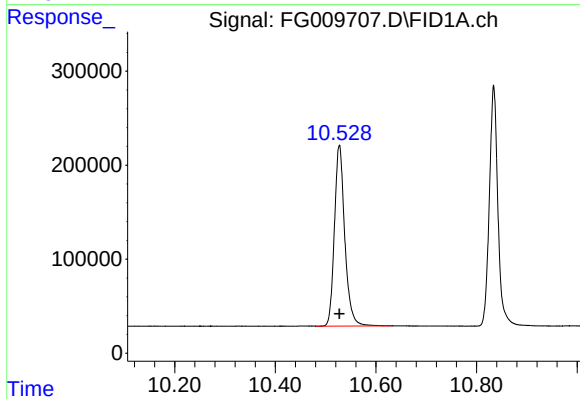
#6 n-Tetradecane (C14)

R.T.: 7.473 min
Delta R.T.: 0.000 min
Response: 2531952
Conc: 20.00 ug/ml



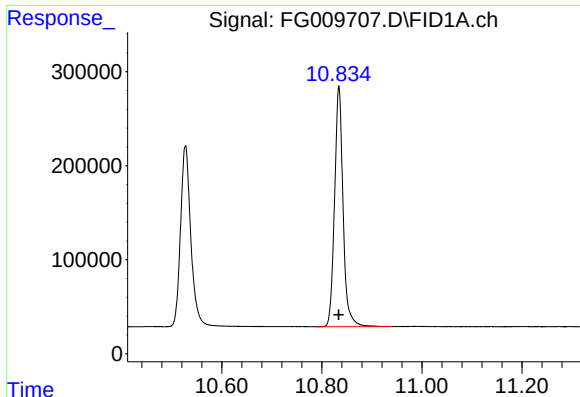
#7 n-Hexadecane (C16)

R.T.: 9.081 min
Delta R.T.: 0.000 min
Response: 2605477
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.528 min
Delta R.T.: 0.000 min
Response: 2742796
Conc: 20.00 ug/ml



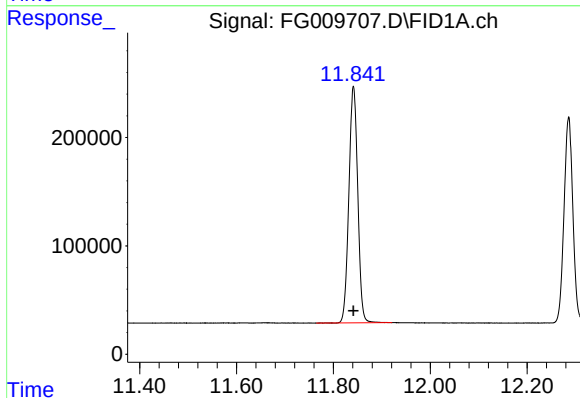
#9 ortho-Terphenyl (SURR)

R.T.: 10.834 min
Delta R.T.: 0.000 min
Response: 3020878
Conc: 20.00 ug/ml

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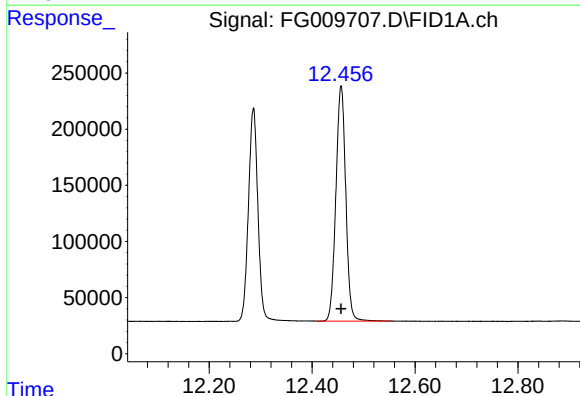
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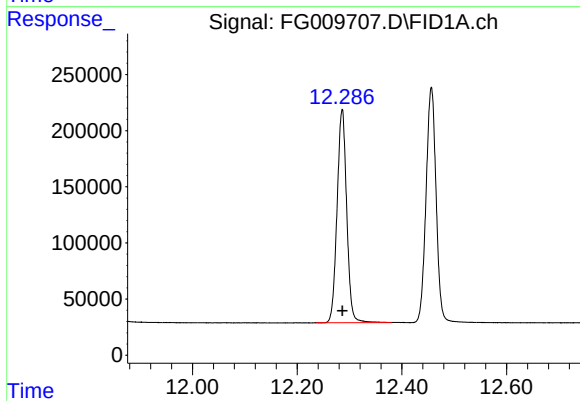
#10 n-Eicosane (C20)

R.T.: 11.841 min
Delta R.T.: 0.000 min
Response: 2758562
Conc: 20.00 ug/ml



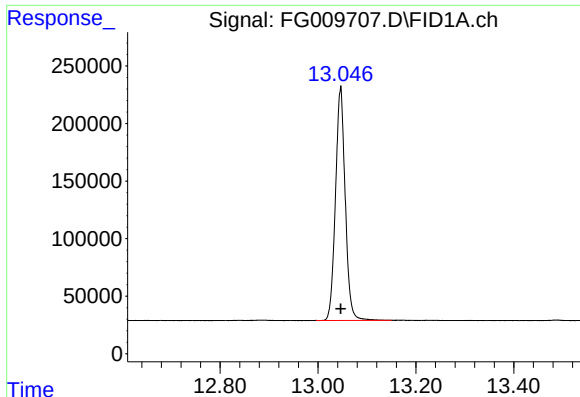
#11 n-Heneicosane (C21)

R.T.: 12.456 min
Delta R.T.: 0.000 min
Response: 2789987
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.286 min
Delta R.T.: 0.000 min
Response: 2421736
Conc: 20.00 ug/ml



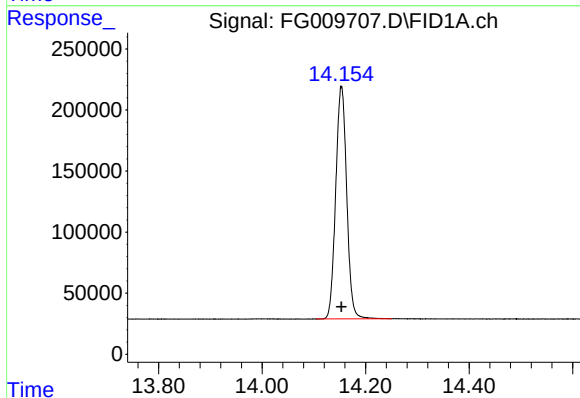
#13 n-Docosane (C22)

R.T.: 13.046 min
Delta R.T.: 0.000 min
Response: 2798856
Conc: 20.00 ug/ml

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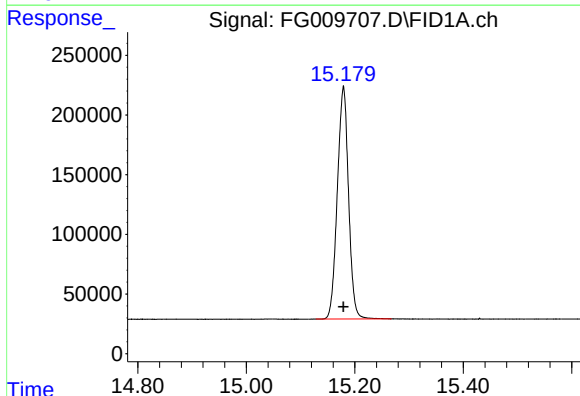
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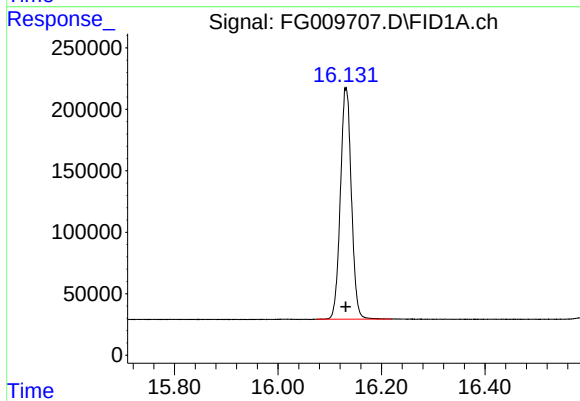
#14 n-Tetracosane (C24)

R.T.: 14.153 min
Delta R.T.: 0.000 min
Response: 2812996
Conc: 20.00 ug/ml



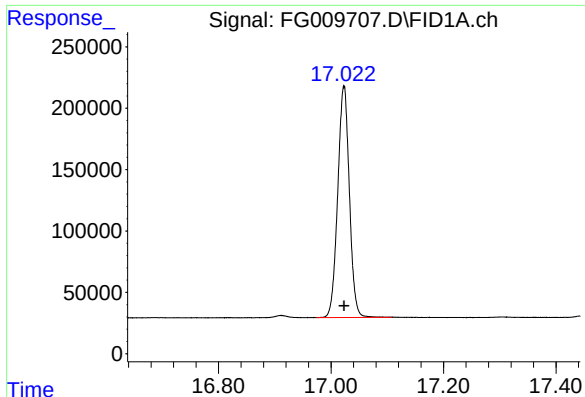
#15 n-Hexacosane (C26)

R.T.: 15.179 min
Delta R.T.: 0.000 min
Response: 2793979
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.131 min
Delta R.T.: 0.000 min
Response: 2771206
Conc: 20.00 ug/ml



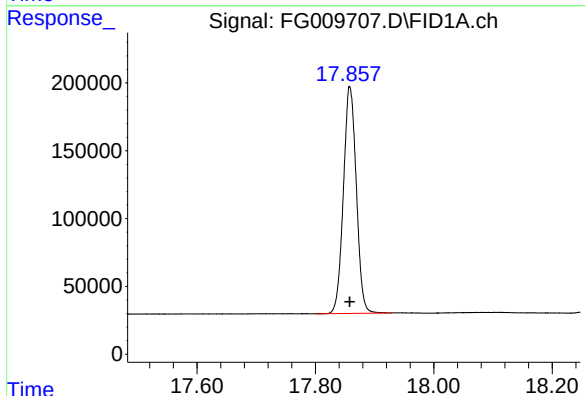
#17 n-Tricontane (C30)

R.T.: 17.023 min
Delta R.T.: 0.000 min
Response: 2709492
Conc: 20.00 ug/ml

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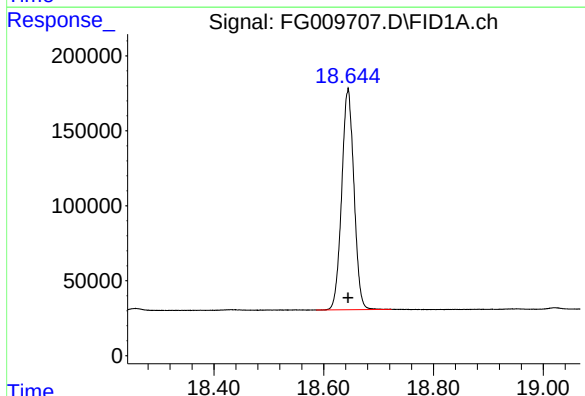
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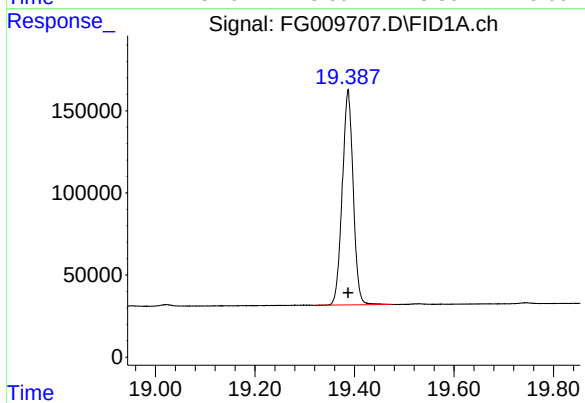
#18 n-Dotriacontane (C32)

R.T.: 17.858 min
Delta R.T.: 0.000 min
Response: 2530120
Conc: 20.00 ug/ml



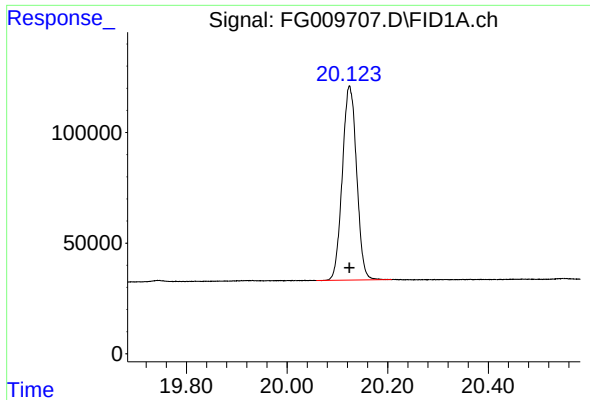
#19 n-Tetratriacontane (C34)

R.T.: 18.644 min
Delta R.T.: 0.000 min
Response: 2284535
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.387 min
Delta R.T.: 0.000 min
Response: 1992189
Conc: 20.00 ug/ml



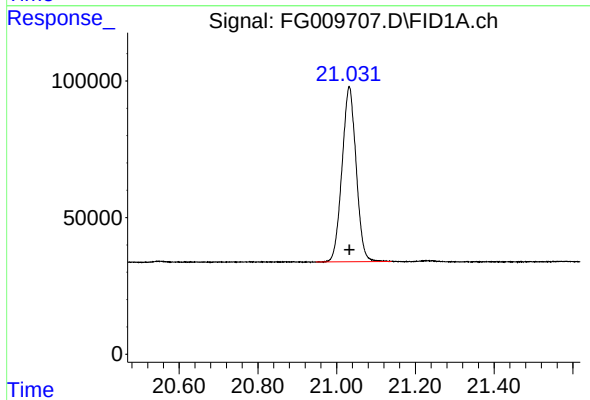
#21 n-Octatriacontane (C38)

R.T.: 20.124 min
Delta R.T.: 0.000 min
Response: 1730686
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.032 min
Delta R.T.: 0.000 min
Response: 1593696
Conc: 20.00 ug/ml