

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111224AL\
 Data File : FE051178.D
 Signal(s) : FID1B.ch
 Acq On : 12 Nov 2024 17:45
 Operator : YP\AJ
 Sample : P4807-09MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

BF-F13MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/13/2024

Supervised By :Ankita Jodhani 11/13/2024

Integration File: autoint1.e

Quant Time: Nov 13 02:50:58 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M

Quant Title : GC Extractables

QLast Update : Thu Nov 07 04:56:04 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)	11.848	4363845	29.074 ug/ml
Spiked Amount 50.000		Recovery =	58.15%
12) S 1-chlorooctadecane (S...	13.281	3624634	31.926 ug/ml
Spiked Amount 50.000		Recovery =	63.85%
Target Compounds			
1) T n-Nonane (C9)	3.241	4779959	34.545 ug/ml
2) T n-Decane (C10)	4.490	5331724	38.035 ug/ml
3) T A~Naphthalene (C11.7)	6.200	5494535	41.673 ug/ml
4) T n-Dodecane (C12)	6.656	5764144	40.823 ug/ml
5) T A~2-methylnaphthalene...	7.296	5204942	41.608 ug/ml
6) T n-Tetradecane (C14)	8.484	6070084	43.556 ug/ml
7) T n-Hexadecane (C16)	10.087	6413904	45.198 ug/ml
8) T n-Octadecane (C18)	11.529	6623549	46.382 ug/ml
10) T n-Eicosane (C20)	12.837	6676478	48.785 ug/ml
11) T n-Heneicosane (C21)	13.447	6404848	47.925 ug/ml
13) T n-Docosane (C22)	14.032	6395122	48.102 ug/ml
14) T n-Tetracosane (C24)	15.134	12565386	94.720 ug/ml
15) T n-Hexacosane (C26)	16.154	6373342	47.609 ug/ml
16) T n-Octacosane (C28)	17.102	7394502	54.240 ug/ml
17) T n-Tricontane (C30)	17.988	6707689	46.168 ug/ml
18) T n-Dotriacontane (C32)	18.820	6648721	44.778 ug/ml
19) T n-Tetratriacontane (C34)	19.603	6966983	51.851 ug/ml
20) T n-Hexatriacontane (C36)	20.342	6957739	58.312 ug/ml
21) T n-Octatriacontane (C38)	21.065	7094343	62.332 ug/ml
22) T n-Tetracontane (C40)	21.947	6806625	61.199 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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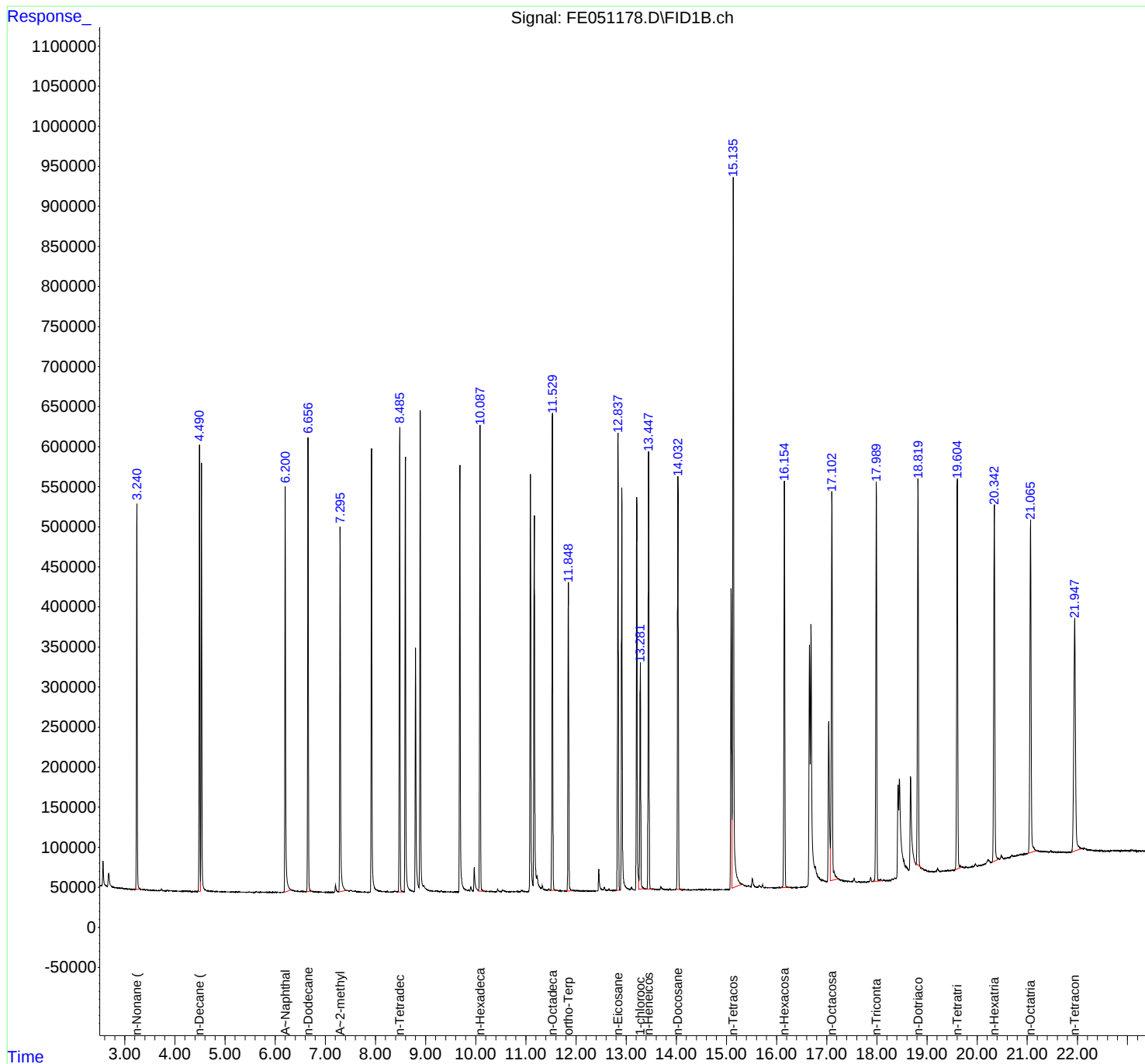
Response via : Initial Calibration

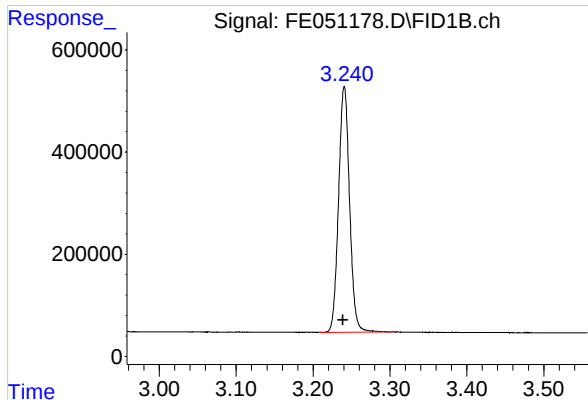
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





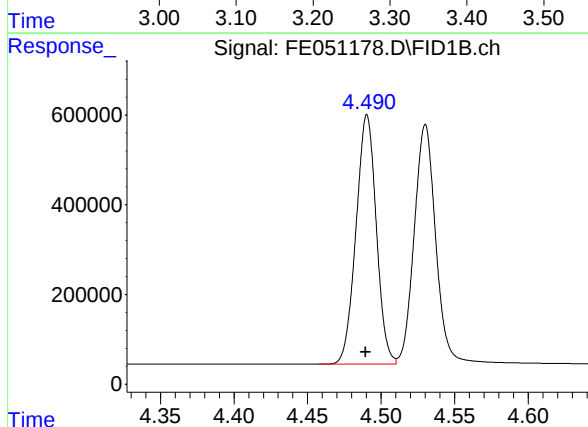
#1 n-Nonane (C9)

R.T.: 3.241 min
Delta R.T.: 0.002 min
Response: 4779959
Conc: 34.55 ug/ml

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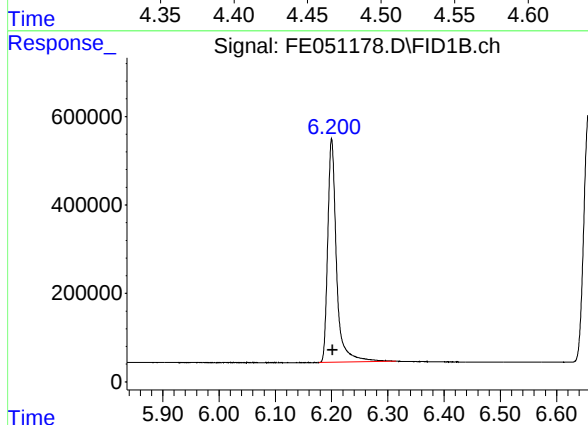
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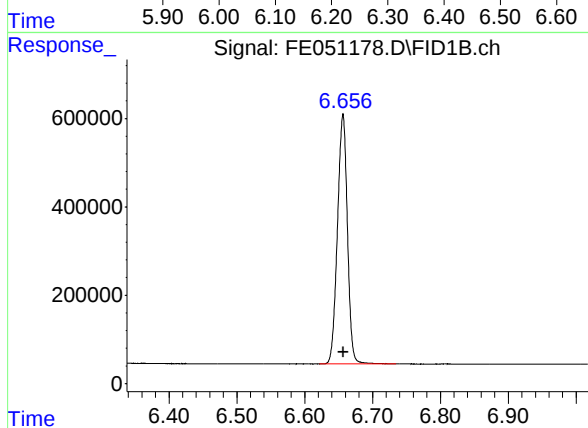
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: 0.001 min
Response: 5331724
Conc: 38.04 ug/ml



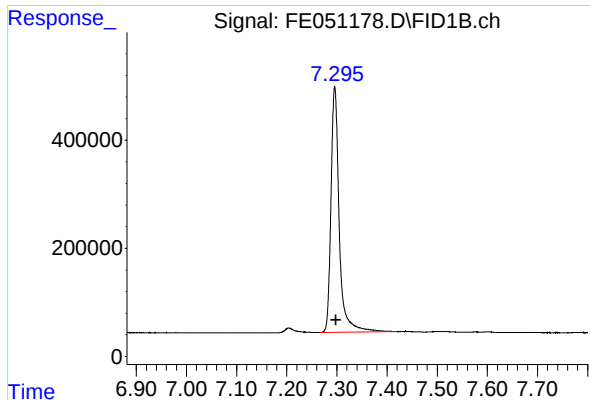
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.002 min
Response: 5494535
Conc: 41.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.656 min
Delta R.T.: 0.000 min
Response: 5764144
Conc: 40.82 ug/ml



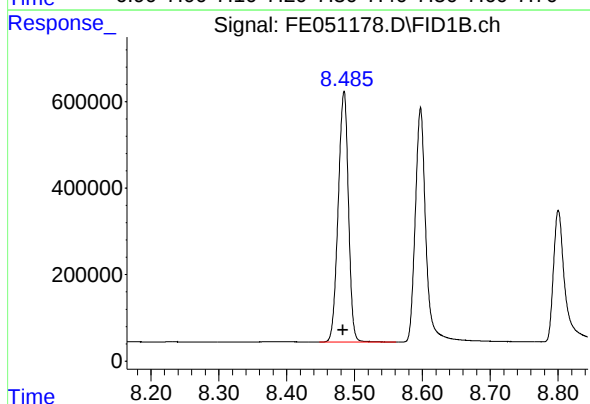
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 5204942
Conc: 41.61 ug/ml

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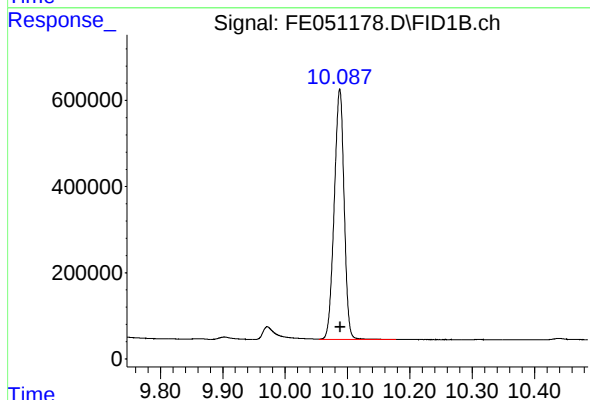
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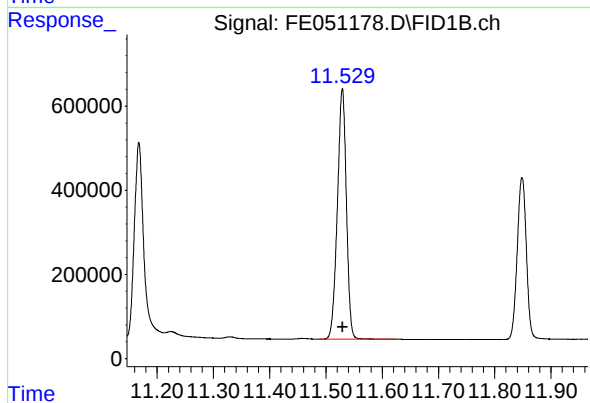
#6 n-Tetradecane (C14)

R.T.: 8.484 min
Delta R.T.: 0.001 min
Response: 6070084
Conc: 43.56 ug/ml



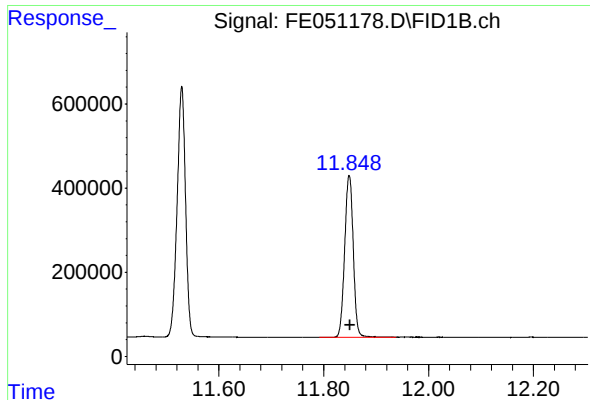
#7 n-Hexadecane (C16)

R.T.: 10.087 min
Delta R.T.: -0.001 min
Response: 6413904
Conc: 45.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.529 min
Delta R.T.: 0.000 min
Response: 6623549
Conc: 46.38 ug/ml



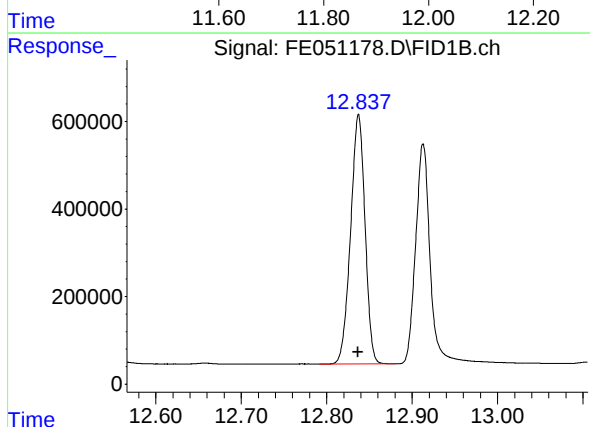
#9 ortho-Terphenyl (SURR)

R.T.: 11.848 min
Delta R.T.: -0.002 min
Response: 4363845
Conc: 29.07 ug/ml

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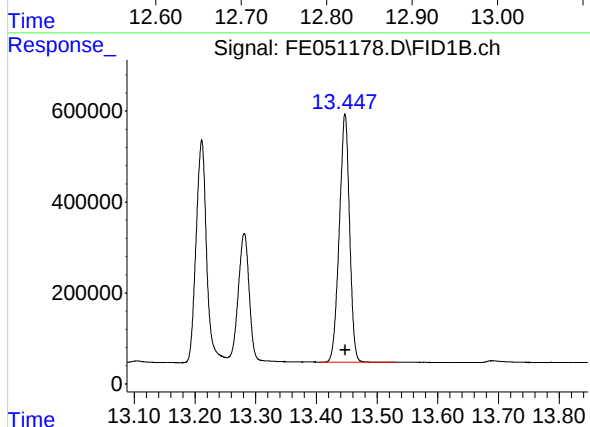
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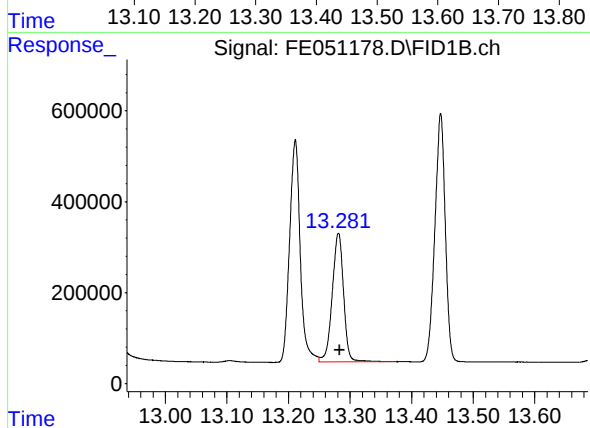
#10 n-Eicosane (C20)

R.T.: 12.837 min
Delta R.T.: 0.000 min
Response: 6676478
Conc: 48.79 ug/ml



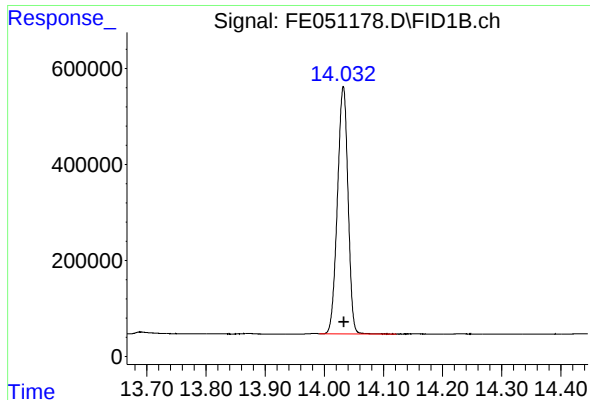
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: -0.001 min
Response: 6404848
Conc: 47.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.281 min
Delta R.T.: -0.002 min
Response: 3624634
Conc: 31.93 ug/ml



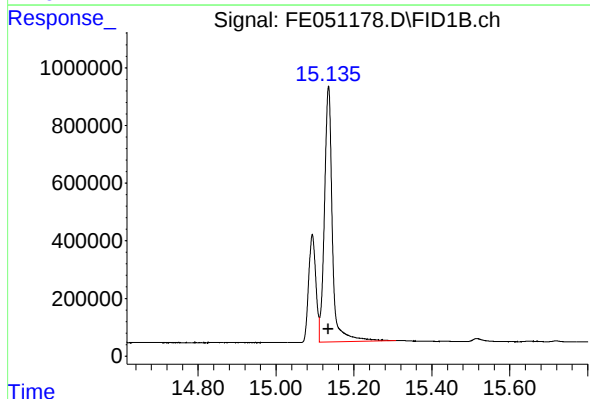
#13 n-Docosane (C22)

R.T.: 14.032 min
Delta R.T.: -0.002 min
Response: 6395122
Conc: 48.10 ug/ml

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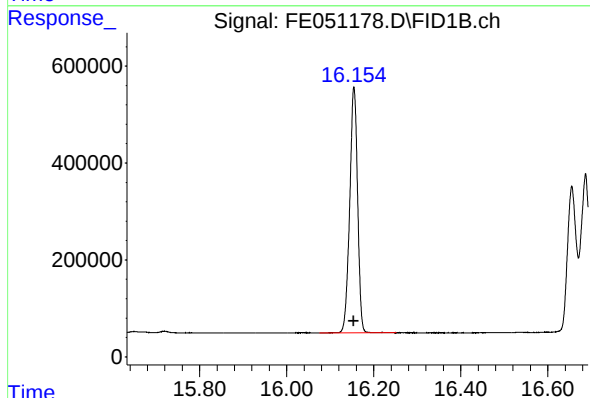
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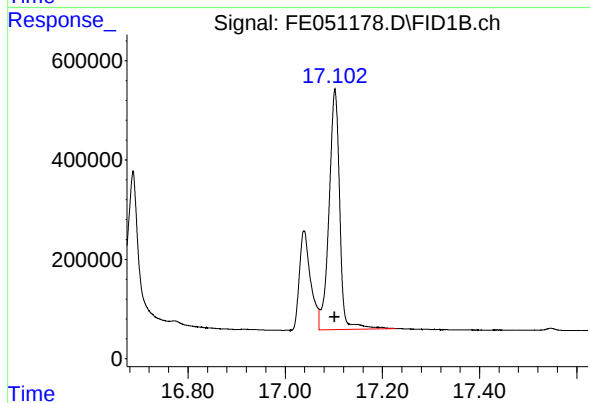
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: 0.000 min
Response: 12565386
Conc: 94.72 ug/ml



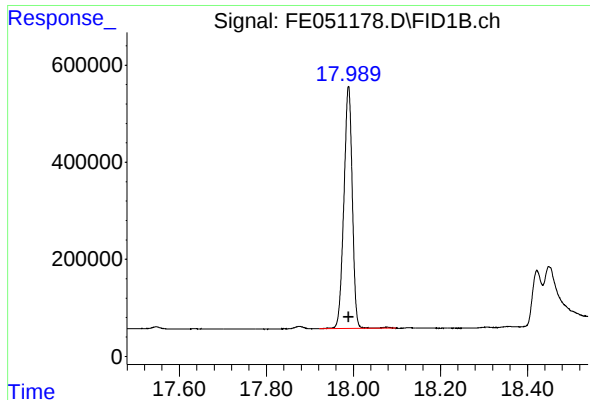
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: 0.000 min
Response: 6373342
Conc: 47.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.102 min
Delta R.T.: 0.000 min
Response: 7394502
Conc: 54.24 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.988 min
Delta R.T.: 0.000 min
Response: 6707689
Conc: 46.17 ug/ml

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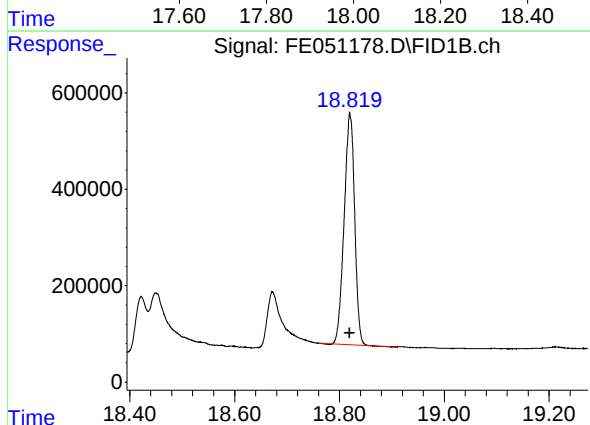
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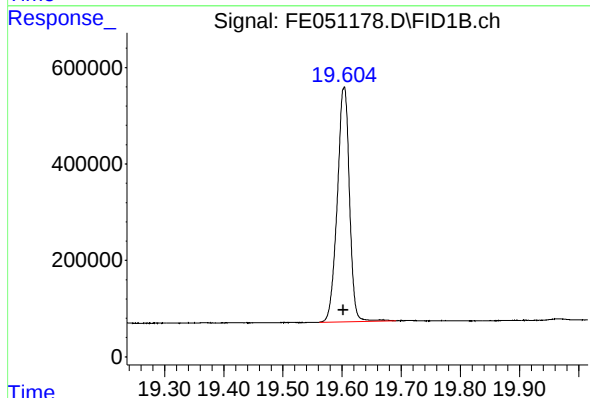
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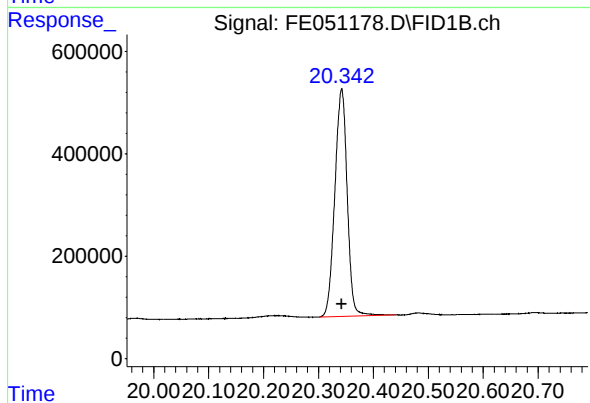
#18 n-Dotriacontane (C32)

R.T.: 18.820 min
Delta R.T.: 0.000 min
Response: 6648721
Conc: 44.78 ug/ml



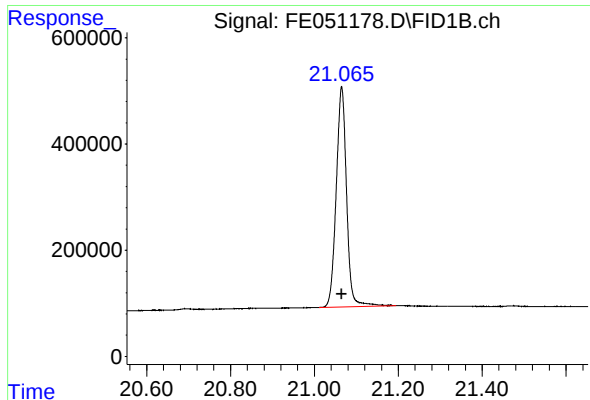
#19 n-Tetratriacontane (C34)

R.T.: 19.603 min
Delta R.T.: 0.000 min
Response: 6966983
Conc: 51.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.342 min
Delta R.T.: 0.000 min
Response: 6957739
Conc: 58.31 ug/ml



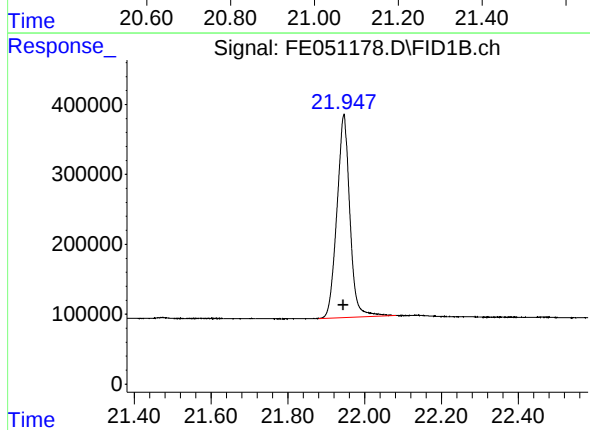
#21 n-Octatriacontane (C38)

R.T.: 21.065 min
Delta R.T.: 0.000 min
Response: 7094343
Conc: 62.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.947 min
Delta R.T.: 0.002 min
Response: 6806625
Conc: 61.20 ug/ml m