

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041223AL\
 Data File : FE041332.D
 Signal(s) : FID1B.ch
 Acq On : 12 Apr 2023 17:39
 Operator : YP\AJ
 Sample : 02213-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-SOIL-02-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/13/2023
 Supervised By :Ankita Jodhani 04/13/2023

Integration File: autoint1.e
 Quant Time: Apr 13 07:35:28 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			
12) S 1-chlorooctadecane (S...	13.278	6994897	48.616 ug/ml
Spiked Amount 50.000		Recovery =	97.23%
Target Compounds			
1) T n-Nonane (C9)	3.238	381680	2.200 ug/ml
2) T n-Decane (C10)	4.484	494487	2.905 ug/ml
4) T n-Dodecane (C12)	6.648	590783	3.406 ug/ml
6) T n-Tetradecane (C14)	8.474	611529	3.507 ug/ml
7) T n-Hexadecane (C16)	10.079	661473	3.719 ug/ml
8) T n-Octadecane (C18)	11.521	744952	4.172 ug/ml
10) T n-Eicosane (C20)	12.830	747655	4.383 ug/ml
11) T n-Heneicosane (C21)	13.442	699624	4.135 ug/ml
13) T n-Docosane (C22)	14.029	731242	4.419 ug/ml
14) T n-Tetracosane (C24)	15.132	722783	4.468 ug/ml
15) T n-Hexacosane (C26)	16.154	700048	4.516 ug/ml
16) T n-Octacosane (C28)	17.105	682182	4.453 ug/ml
17) T n-Tricontane (C30)	17.994	694466	4.543 ug/ml
18) T n-Dotriacontane (C32)	18.826	712758	4.565 ug/mlm
19) T n-Tetratriacontane (C34)	19.612	705721	4.554 ug/mlm
20) T n-Hexatriacontane (C36)	20.354	662804	4.363 ug/ml
21) T n-Octatriacontane (C38)	21.077	660965	4.231 ug/mlm
22) T n-Tetracontane (C40)	21.952	660725	4.140 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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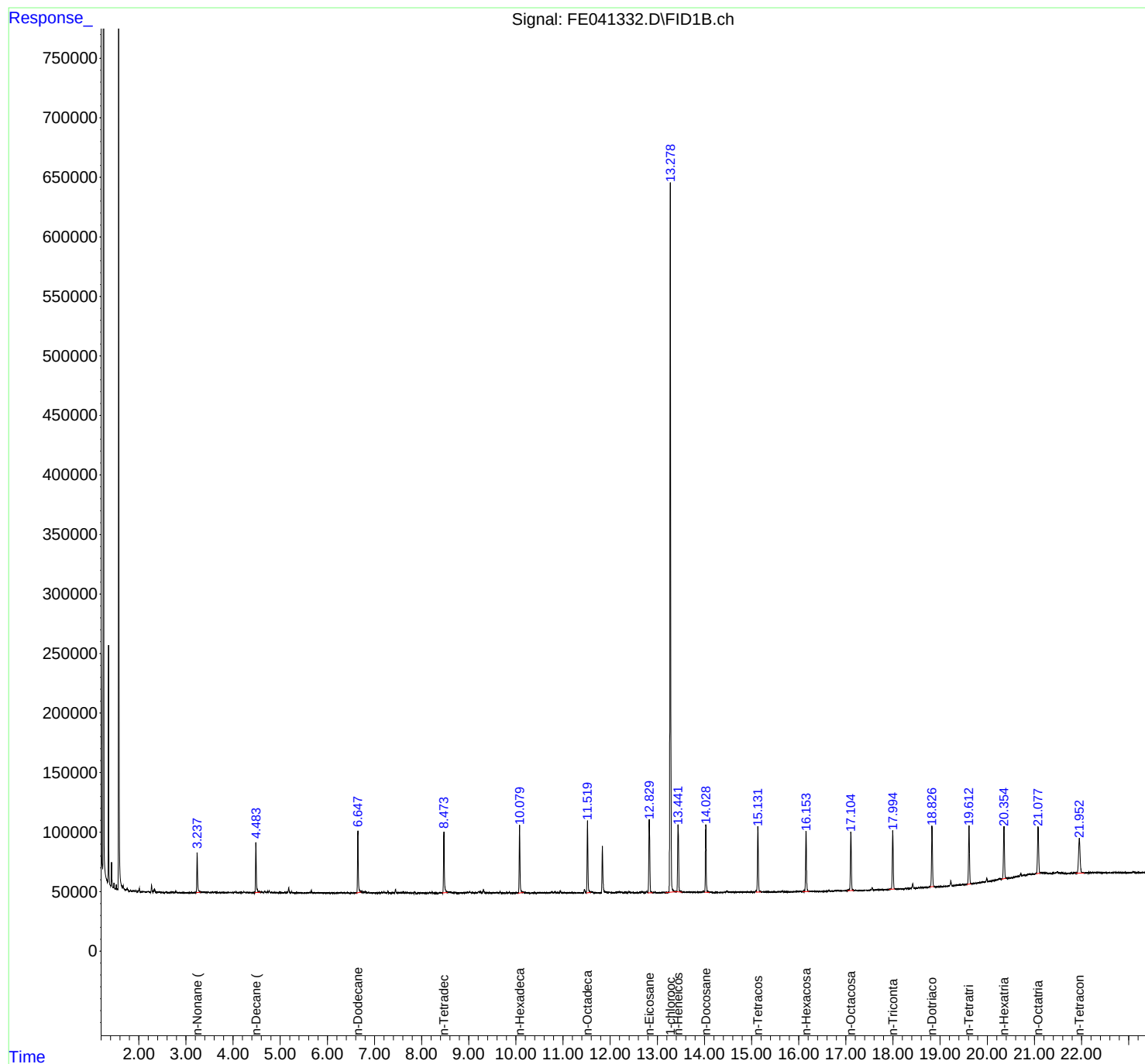
Instrument :
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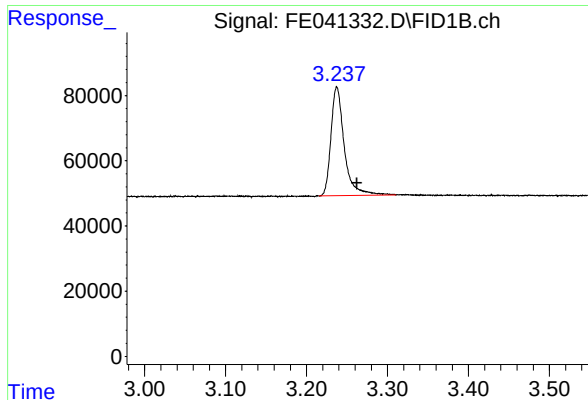
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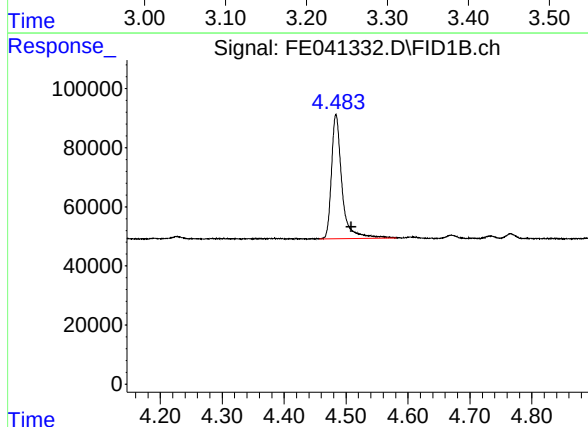
#1 n-Nonane (C9)

R.T.: 3.238 min
Delta R.T.: -0.024 min
Response: 381680
Conc: 2.20 ug/ml

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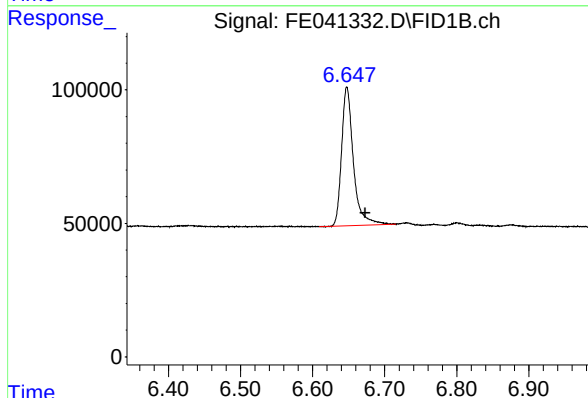
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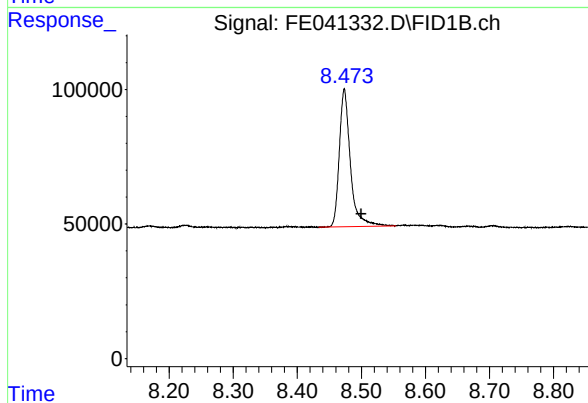
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.025 min
Response: 494487
Conc: 2.91 ug/ml



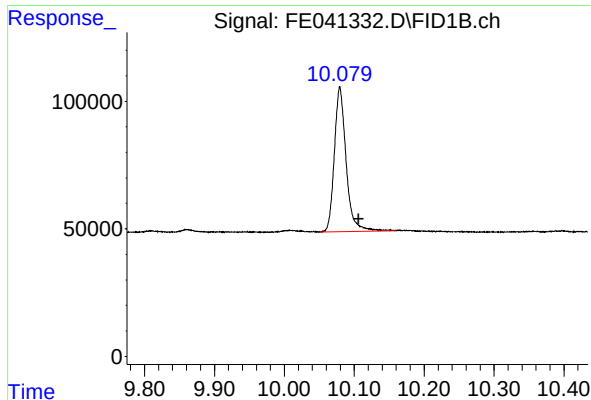
#4 n-Dodecane (C12)

R.T.: 6.648 min
Delta R.T.: -0.026 min
Response: 590783
Conc: 3.41 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.474 min
Delta R.T.: -0.027 min
Response: 611529
Conc: 3.51 ug/ml



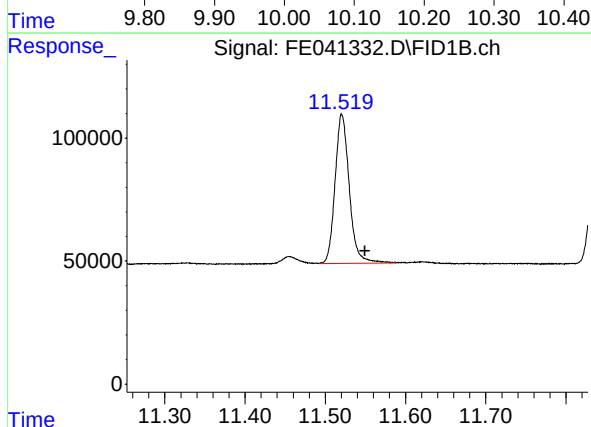
#7 n-Hexadecane (C16)

R.T.: 10.079 min
Delta R.T.: -0.027 min
Response: 661473
Conc: 3.72 ug/ml

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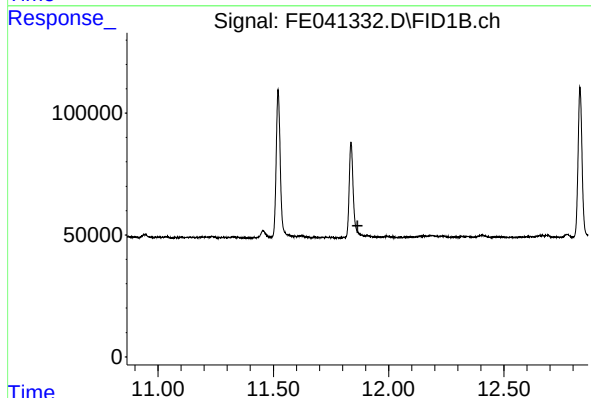
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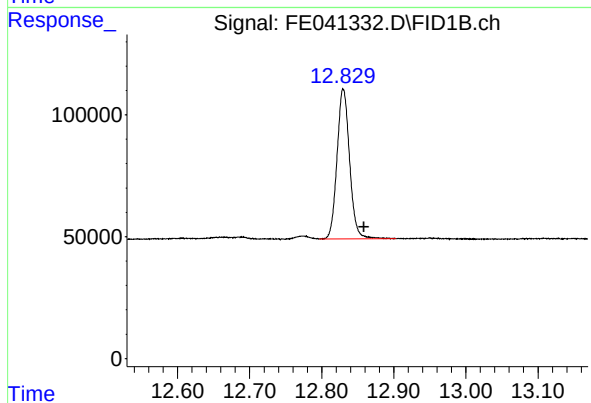
#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.029 min
Response: 744952
Conc: 4.17 ug/ml



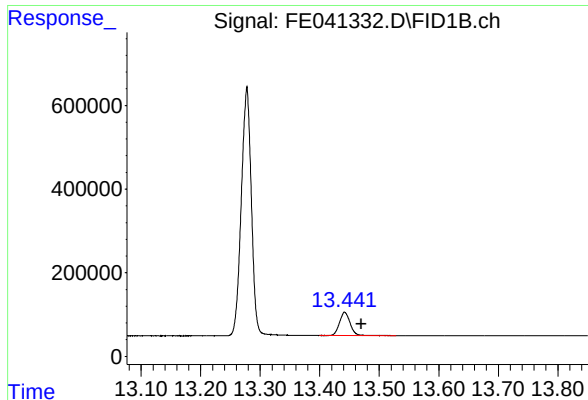
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.865 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.830 min
Delta R.T.: -0.029 min
Response: 747655
Conc: 4.38 ug/ml



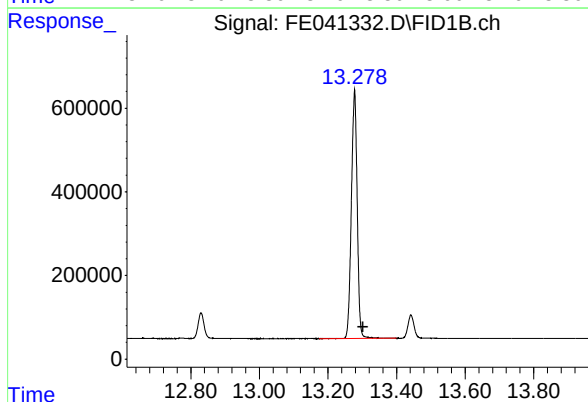
#11 n-Heneicosane (C21)

R.T.: 13.442 min
Delta R.T.: -0.028 min
Response: 699624
Conc: 4.14 ug/ml

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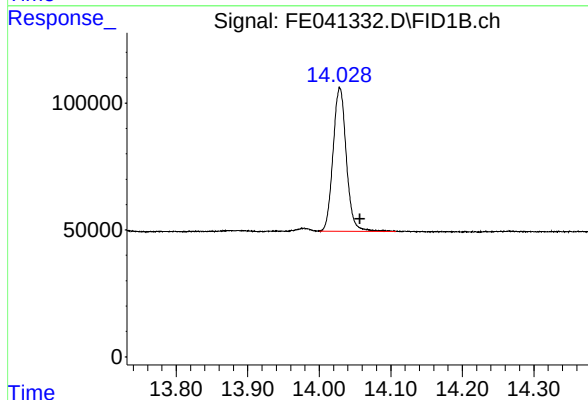
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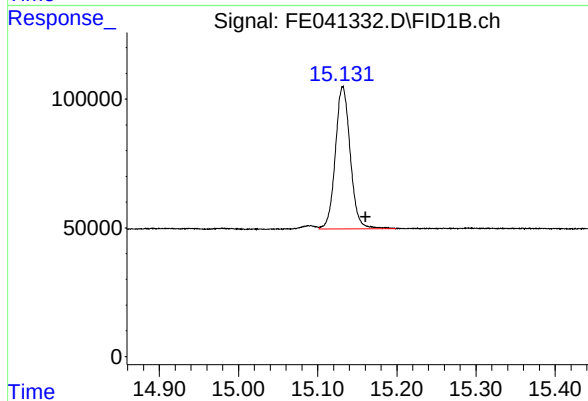
#12 1-chlorooctadecane (SURR)

R.T.: 13.278 min
Delta R.T.: -0.024 min
Response: 6994897
Conc: 48.62 ug/ml



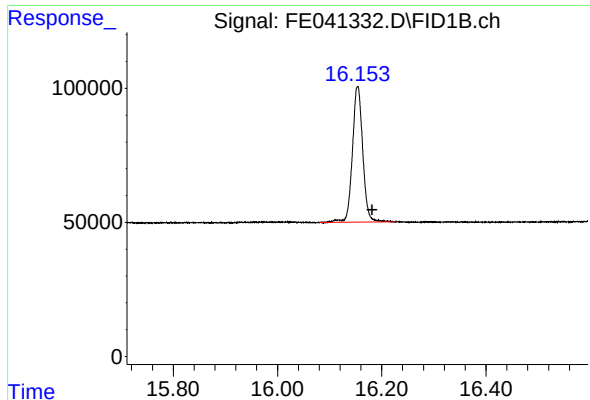
#13 n-Docosane (C22)

R.T.: 14.029 min
Delta R.T.: -0.028 min
Response: 731242
Conc: 4.42 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.132 min
Delta R.T.: -0.029 min
Response: 722783
Conc: 4.47 ug/ml



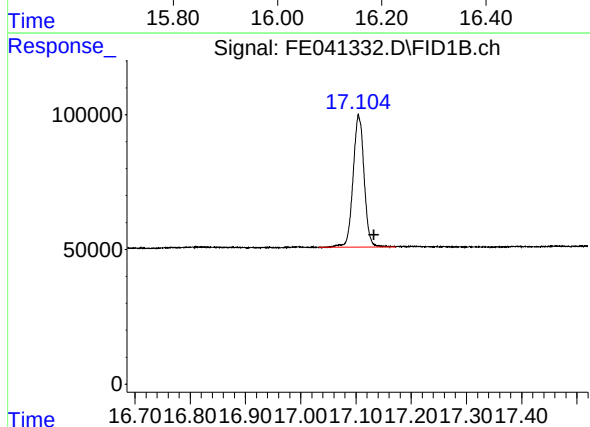
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: -0.028 min
Response: 700048
Conc: 4.52 ug/ml

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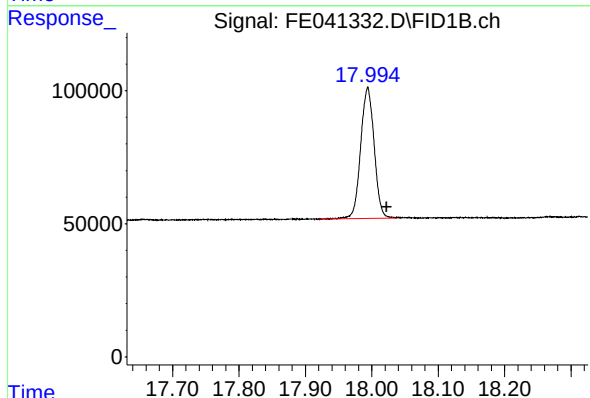
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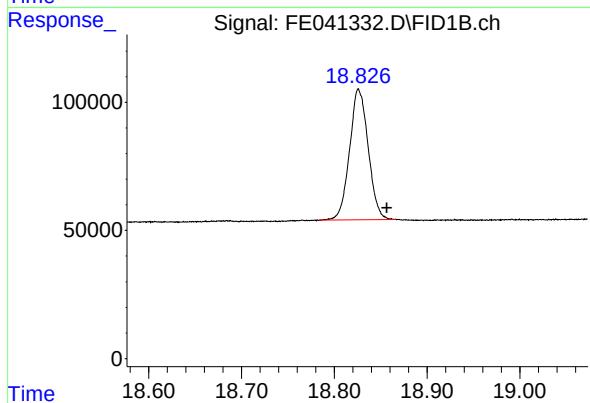
#16 n-Octacosane (C28)

R.T.: 17.105 min
Delta R.T.: -0.028 min
Response: 682182
Conc: 4.45 ug/ml



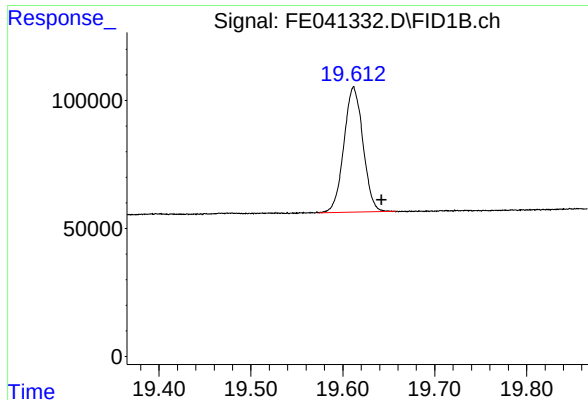
#17 n-Tricontane (C30)

R.T.: 17.994 min
Delta R.T.: -0.028 min
Response: 694466
Conc: 4.54 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.826 min
Delta R.T.: -0.031 min
Response: 712758
Conc: 4.57 ug/ml m



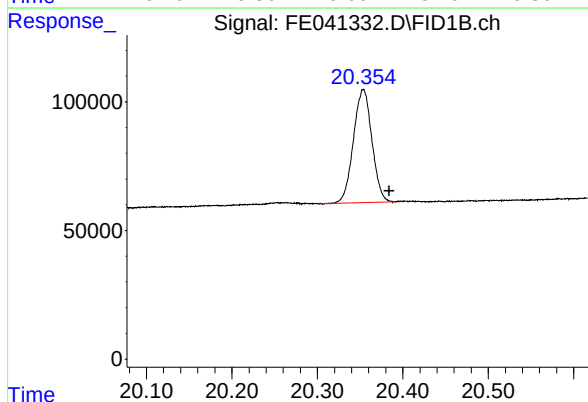
#19 n-Tetratriacontane (C34)

R.T.: 19.612 min
Delta R.T.: -0.031 min
Response: 705721
Conc: 4.55 ug/ml

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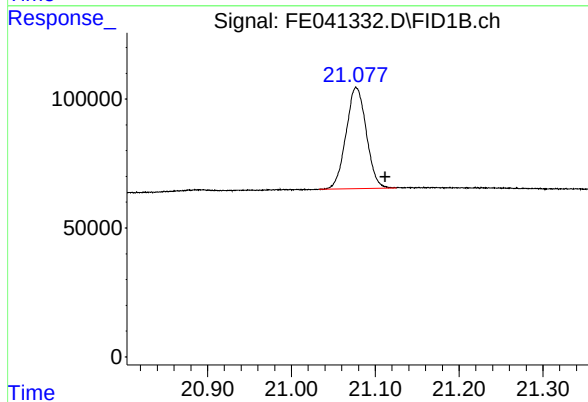
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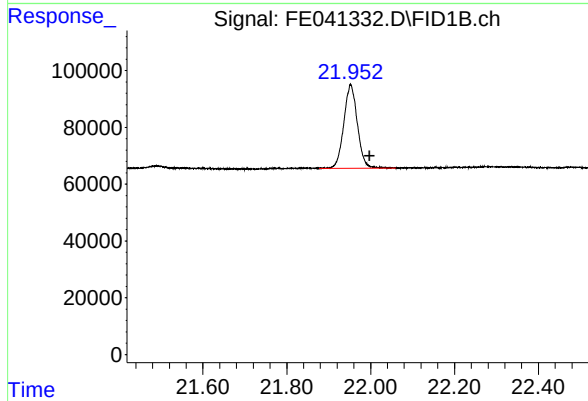
#20 n-Hexatriacontane (C36)

R.T.: 20.354 min
Delta R.T.: -0.030 min
Response: 662804
Conc: 4.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.077 min
Delta R.T.: -0.036 min
Response: 660965
Conc: 4.23 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.952 min
Delta R.T.: -0.046 min
Response: 660725
Conc: 4.14 ug/ml