

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071624AL\
 Data File : FE049141.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jul 2024 20:50
 Operator : YP\AJ
 Sample : PB162082BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB162082BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2024
 Supervised By :Ankita Jodhani 07/17/2024

Integration File: autoint1.e
 Quant Time: Jul 17 01:39:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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			
12) S 1-chlorooctadecane (S...	13.354	4200915	32.669 ug/ml
Spiked Amount 50.000		Recovery =	65.34%
Target Compounds			
1) T n-Nonane (C9)	3.304	4136515	27.514 ug/ml
2) T n-Decane (C10)	4.554	5151076	33.472 ug/ml
4) T n-Dodecane (C12)	6.721	5638966	36.528 ug/ml
6) T n-Tetradecane (C14)	8.550	6176187	40.298 ug/ml
7) T n-Hexadecane (C16)	10.158	6644831	42.498 ug/ml
8) T n-Octadecane (C18)	11.601	7118496	44.634 ug/ml
10) T n-Eicosane (C20)	12.910	7471672	48.193 ug/ml
11) T n-Heneicosane (C21)	13.522	7309486	48.005 ug/ml
13) T n-Docosane (C22)	14.108	7298377	48.259 ug/ml
14) T n-Tetracosane (C24)	15.211	7310446	48.646 ug/ml
15) T n-Hexacosane (C26)	16.231	7304398	49.477 ug/ml
16) T n-Octacosane (C28)	17.180	7268858	50.403 ug/mlm
17) T n-Tricontane (C30)	18.067	7441575	50.866 ug/ml
18) T n-Dotriacontane (C32)	18.899	7561084	52.882 ug/ml
19) T n-Tetratriacontane (C34)	19.681	7672161	55.446 ug/mlm
20) T n-Hexatriacontane (C36)	20.421	7826408	60.218 ug/mlm
21) T n-Octatriacontane (C38)	21.157	8102939	63.208 ug/mlm
22) T n-Tetracontane (C40)	22.065	7886377	64.400 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB162082BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

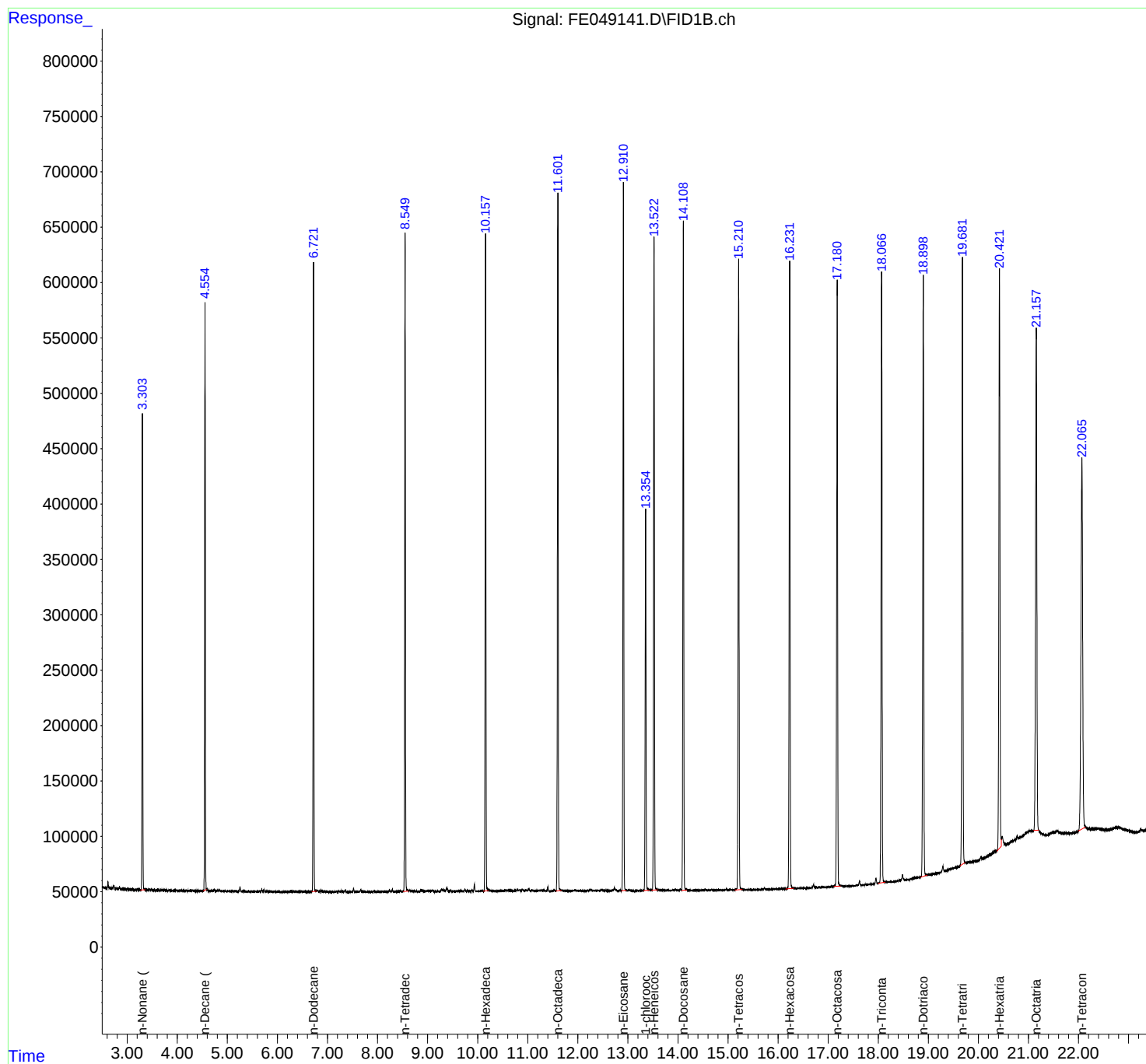
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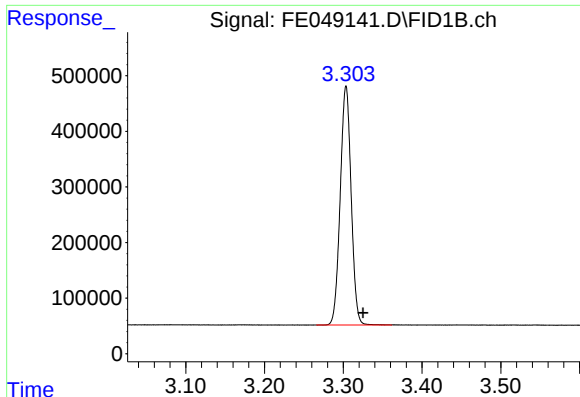
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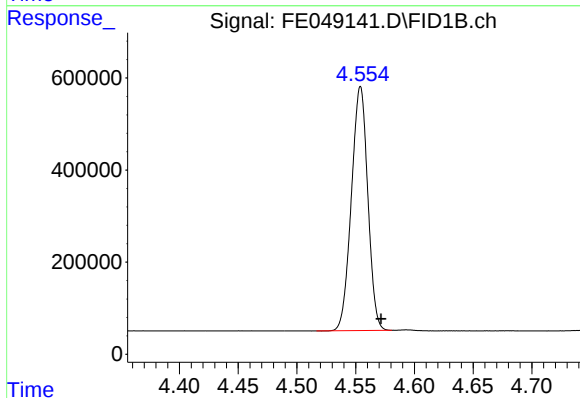
#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: -0.021 min
Response: 4136515
Conc: 27.51 ug/ml

Instrument :
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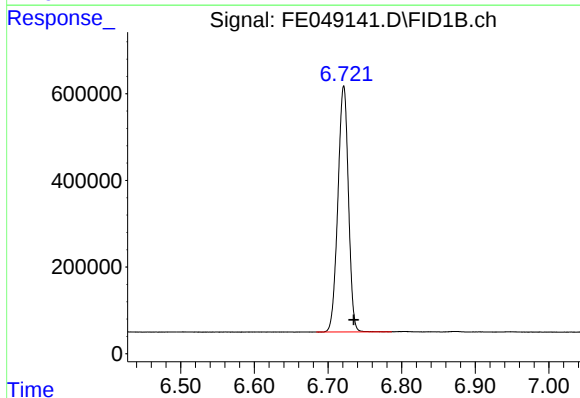
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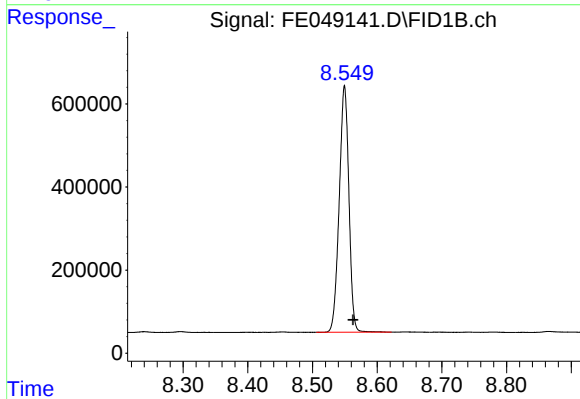
#2 n-Decane (C10)

R.T.: 4.554 min
Delta R.T.: -0.017 min
Response: 5151076
Conc: 33.47 ug/ml



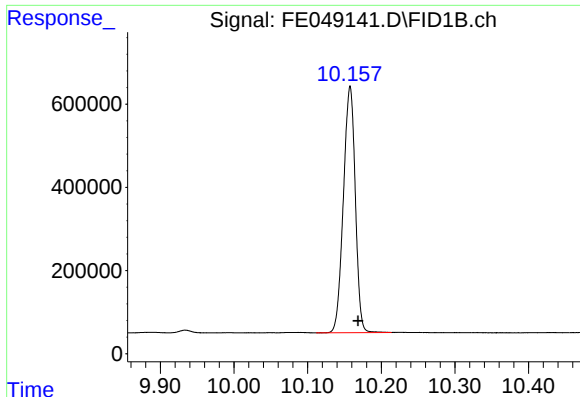
#4 n-Dodecane (C12)

R.T.: 6.721 min
Delta R.T.: -0.014 min
Response: 5638966
Conc: 36.53 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.013 min
Response: 6176187
Conc: 40.30 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: -0.011 min
Response: 6644831
Conc: 42.50 ug/ml

Instrument :

FID_E

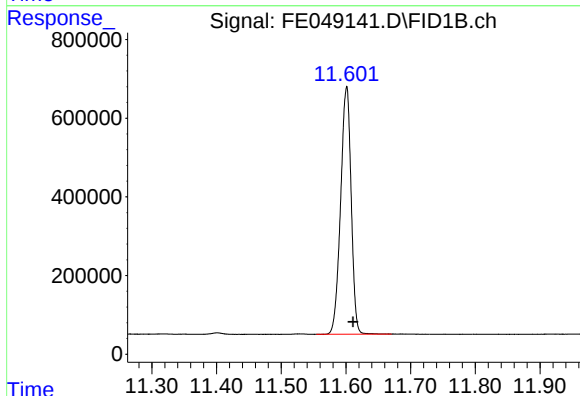
ClientSampleId :

PB162082BSD

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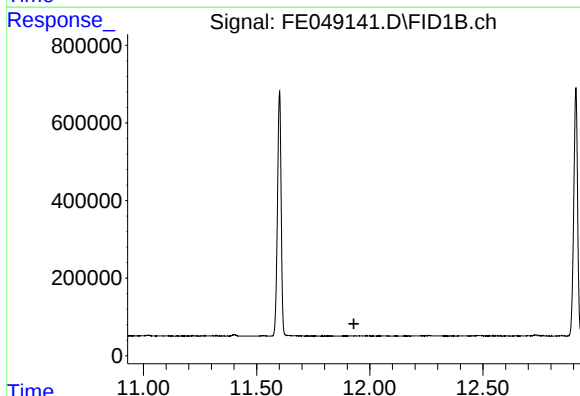
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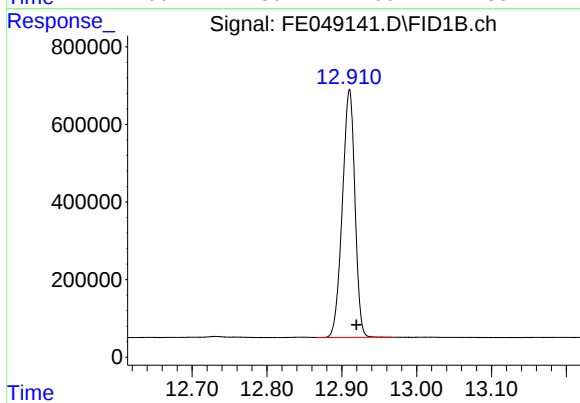
#8 n-Octadecane (C18)

R.T.: 11.601 min
Delta R.T.: -0.010 min
Response: 7118496
Conc: 44.63 ug/ml



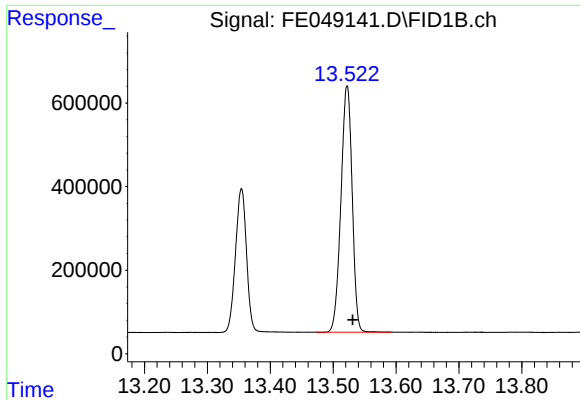
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.930 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: -0.009 min
Response: 7471672
Conc: 48.19 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: -0.009 min
Response: 7309486
Conc: 48.01 ug/ml

Instrument :

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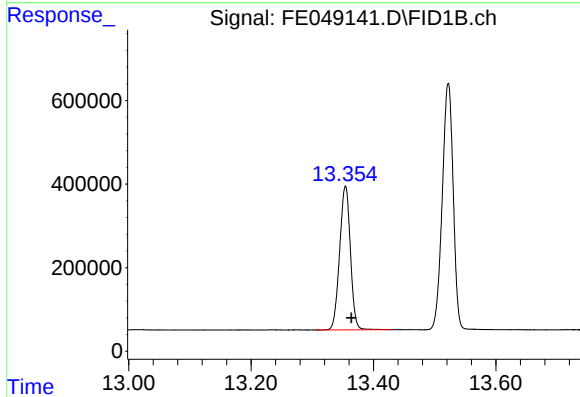
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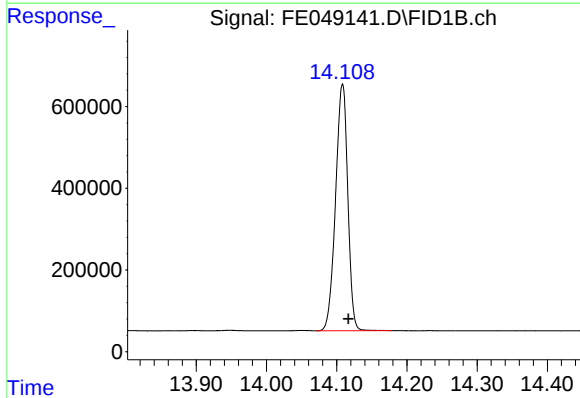
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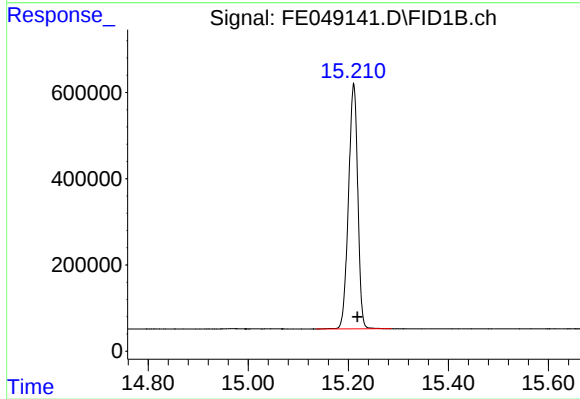
#12 1-chlorooctadecane (SURR)

R.T.: 13.354 min
Delta R.T.: -0.009 min
Response: 4200915
Conc: 32.67 ug/ml



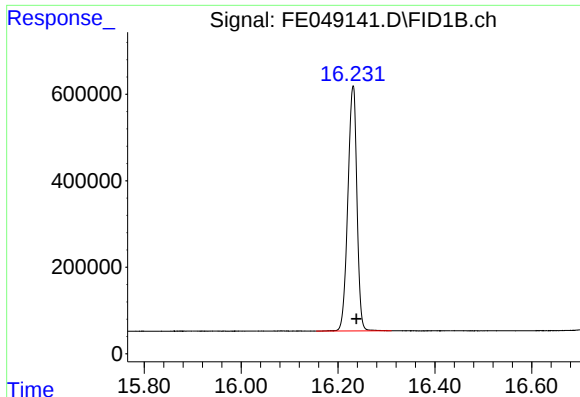
#13 n-Docosane (C22)

R.T.: 14.108 min
Delta R.T.: -0.008 min
Response: 7298377
Conc: 48.26 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.211 min
Delta R.T.: -0.008 min
Response: 7310446
Conc: 48.65 ug/ml



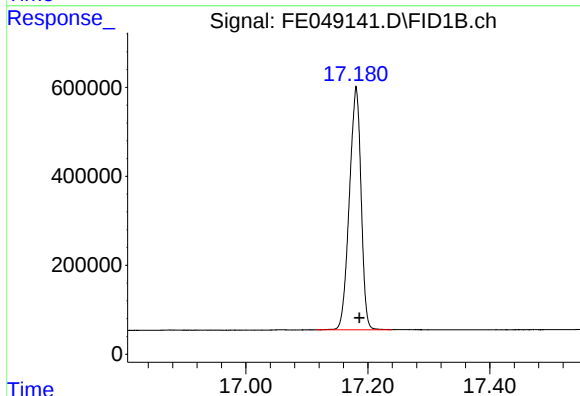
#15 n-Hexacosane (C26)

R.T.: 16.231 min
Delta R.T.: -0.007 min
Response: 7304398
Conc: 49.48 ug/ml

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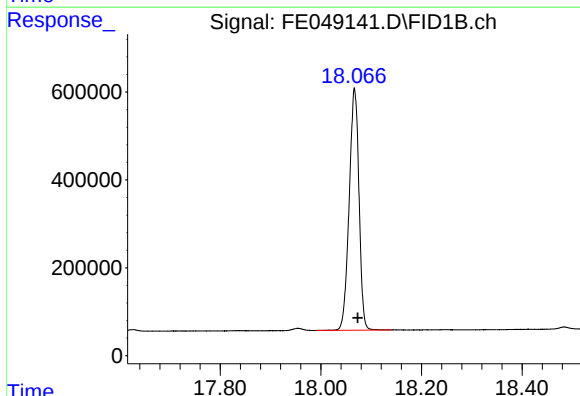
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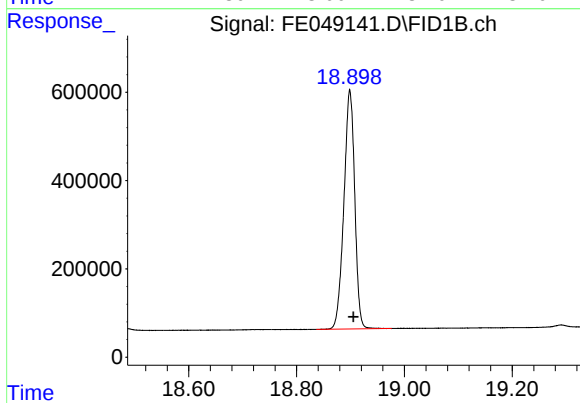
#16 n-Octacosane (C28)

R.T.: 17.180 min
Delta R.T.: -0.006 min
Response: 7268858
Conc: 50.40 ug/ml m



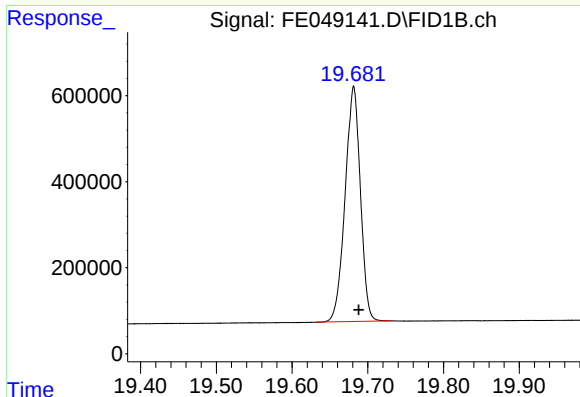
#17 n-Tricontane (C30)

R.T.: 18.067 min
Delta R.T.: -0.006 min
Response: 7441575
Conc: 50.87 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: -0.007 min
Response: 7561084
Conc: 52.88 ug/ml



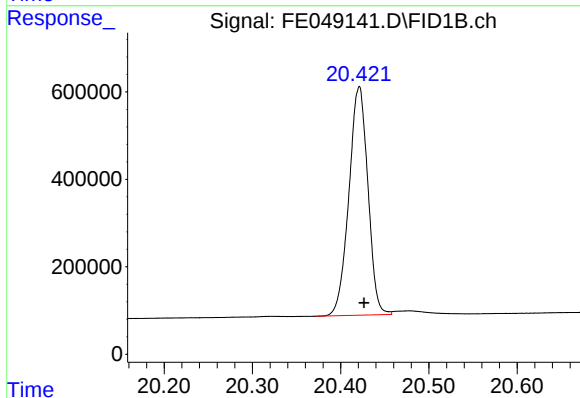
#19 n-Tetratriacontane (C34)

R.T.: 19.681 min
Delta R.T.: -0.007 min
Response: 7672161
Conc: 55.45 ug/ml

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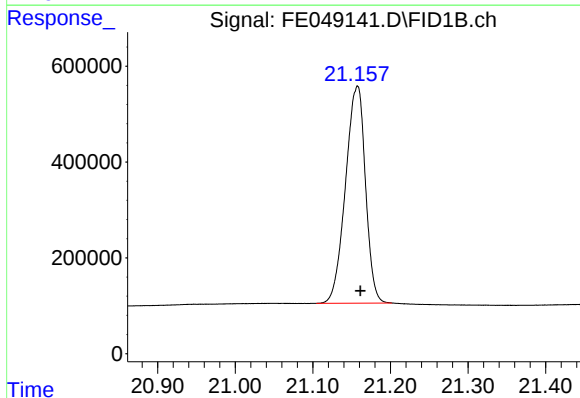
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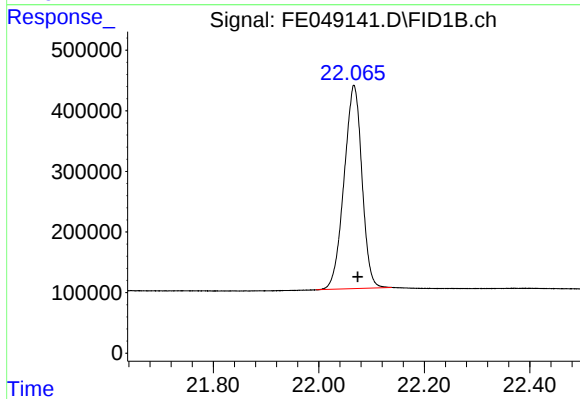
#20 n-Hexatriacontane (C36)

R.T.: 20.421 min
Delta R.T.: -0.006 min
Response: 7826408
Conc: 60.22 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.157 min
Delta R.T.: -0.004 min
Response: 8102939
Conc: 63.21 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.065 min
Delta R.T.: -0.009 min
Response: 7886377
Conc: 64.40 ug/ml m