

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060324AL\
 Data File : FE048504.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jun 2024 11:02
 Operator : YP\AJ
 Sample : PB161228BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB161228BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/04/2024
 Supervised By :Ankita Jodhani 06/04/2024

Integration File: autoint1.e
 Quant Time: Jun 04 01:28:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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...	13.385	4458439	40.925 ug/ml
Spiked Amount 50.000		Recovery =	81.85%
Target Compounds			
1) T n-Nonane (C9)	3.337	3346966	22.387 ug/ml
2) T n-Decane (C10)	4.587	4159613	27.547 ug/ml
4) T n-Dodecane (C12)	6.752	4576057	30.914 ug/ml
6) T n-Tetradecane (C14)	8.581	4860615	34.270 ug/ml
7) T n-Hexadecane (C16)	10.188	5135335	36.426 ug/ml
8) T n-Octadecane (C18)	11.630	5254974	37.837 ug/ml
10) T n-Eicosane (C20)	12.940	5315735	40.169 ug/ml
11) T n-Heneicosane (C21)	13.551	5159002	39.829 ug/ml
13) T n-Docosane (C22)	14.137	5136576	39.861 ug/ml
14) T n-Tetracosane (C24)	15.240	5169833	39.906 ug/ml
15) T n-Hexacosane (C26)	16.259	5190690	40.050 ug/ml
16) T n-Octacosane (C28)	17.208	5191691	40.167 ug/ml
17) T n-Tricontane (C30)	18.095	5327644	39.770 ug/ml
18) T n-Dotriacontane (C32)	18.926	5485611	40.412 ug/mlm
19) T n-Tetratriacontane (C34)	19.707	5571651	40.728 ug/mlm
20) T n-Hexatriacontane (C36)	20.448	5478579	40.303 ug/ml
21) T n-Octatriacontane (C38)	21.186	5419942	39.744 ug/ml
22) T n-Tetracontane (C40)	22.105	5155115	37.650 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB161228BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

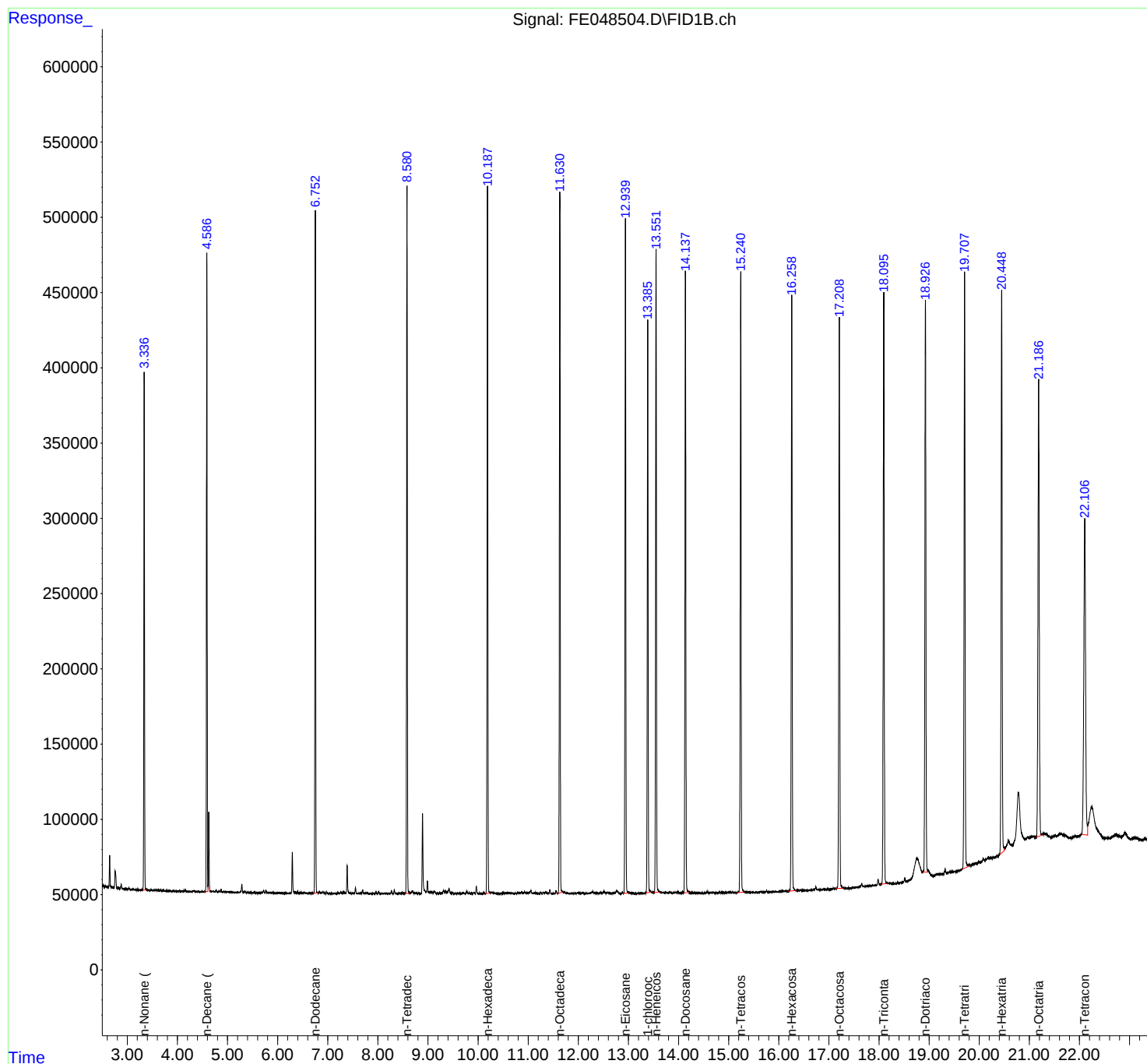
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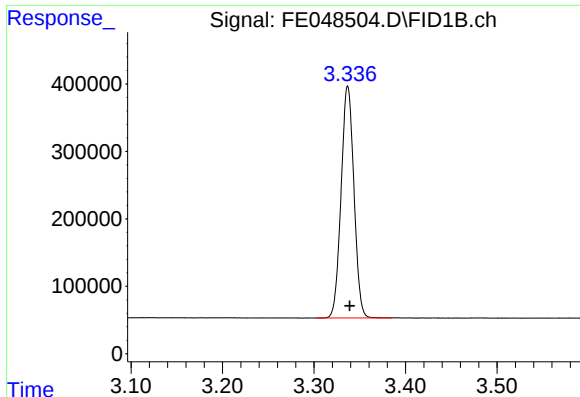
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#1 n-Nonane (C9)

R.T.: 3.337 min
Delta R.T.: -0.002 min
Response: 3346966
Conc: 22.39 ug/ml

Instrument :

FID_E

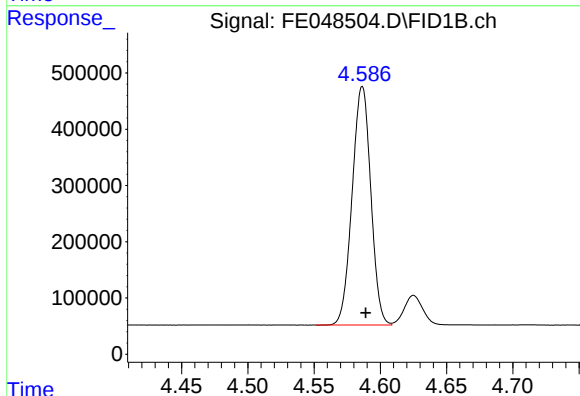
ClientSampleId :

PB161228BSD

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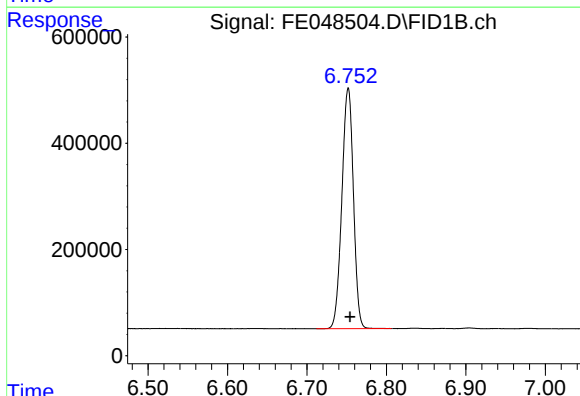
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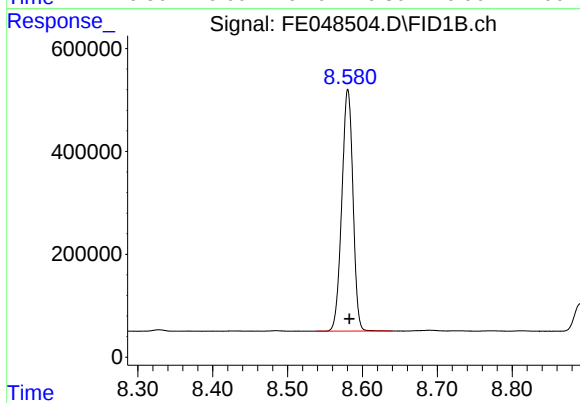
#2 n-Decane (C10)

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 4159613
Conc: 27.55 ug/ml



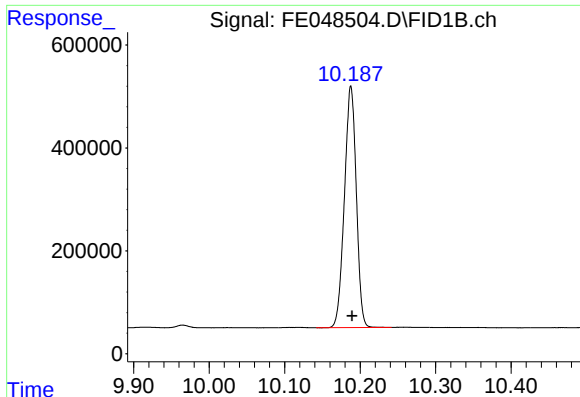
#4 n-Dodecane (C12)

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 4576057
Conc: 30.91 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.581 min
Delta R.T.: -0.002 min
Response: 4860615
Conc: 34.27 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.188 min
Delta R.T.: -0.002 min
Response: 5135335
Conc: 36.43 ug/ml

Instrument :

FID_E

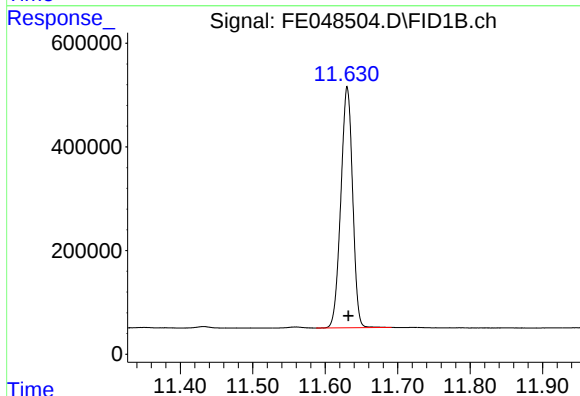
ClientSampleId :

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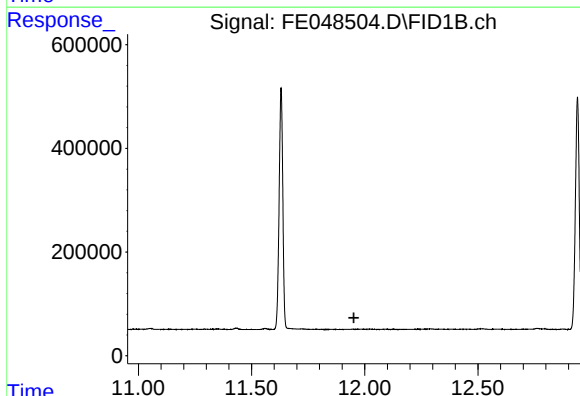
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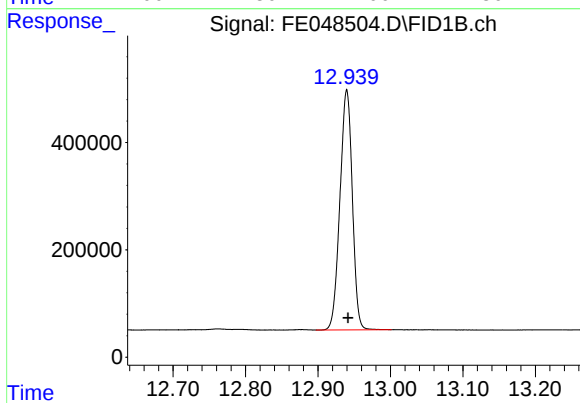
#8 n-Octadecane (C18)

R.T.: 11.630 min
Delta R.T.: -0.002 min
Response: 5254974
Conc: 37.84 ug/ml



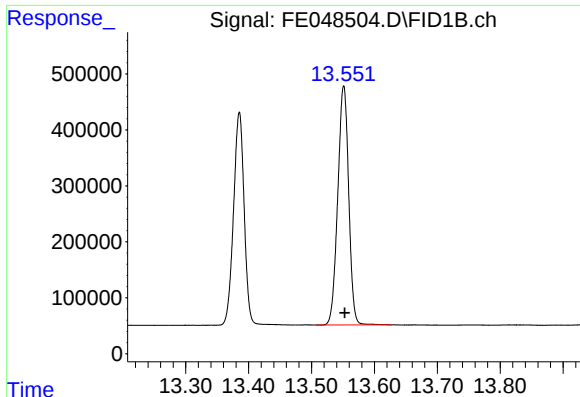
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.952 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: -0.002 min
Response: 5315735
Conc: 40.17 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.551 min
Delta R.T.: -0.002 min
Response: 5159002
Conc: 39.83 ug/ml

Instrument :

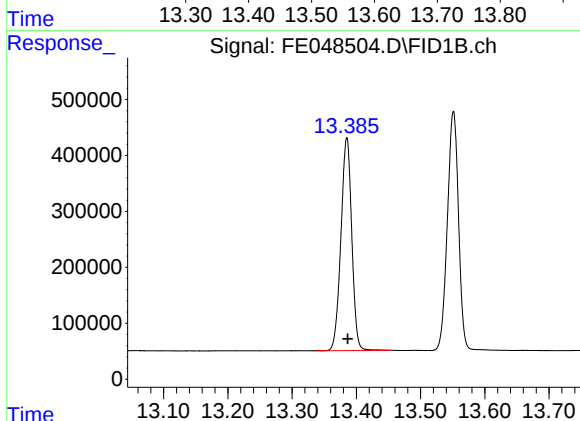
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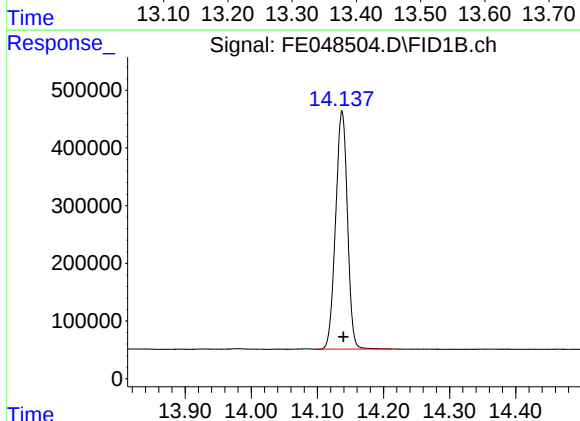
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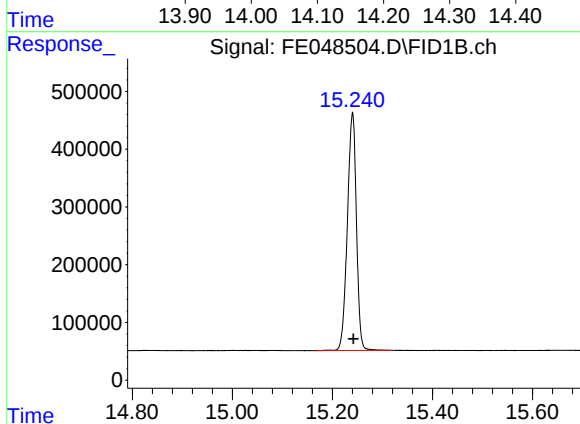
#12 1-chlorooctadecane (SURR)

R.T.: 13.385 min
Delta R.T.: -0.002 min
Response: 4458439
Conc: 40.92 ug/ml



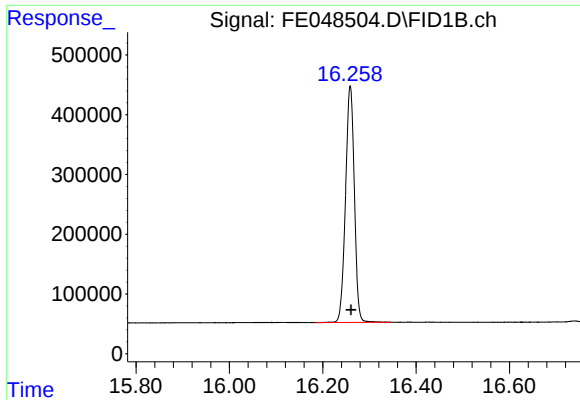
#13 n-Docosane (C22)

R.T.: 14.137 min
Delta R.T.: -0.002 min
Response: 5136576
Conc: 39.86 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: -0.001 min
Response: 5169833
Conc: 39.91 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.259 min
Delta R.T.: -0.002 min
Response: 5190690
Conc: 40.05 ug/ml

Instrument :

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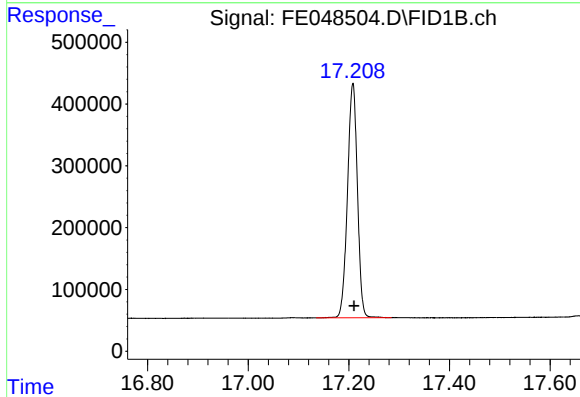
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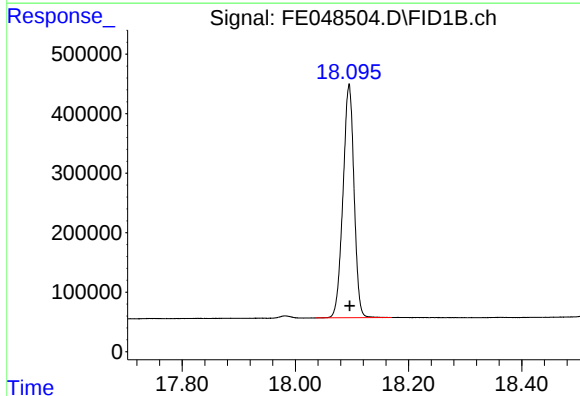
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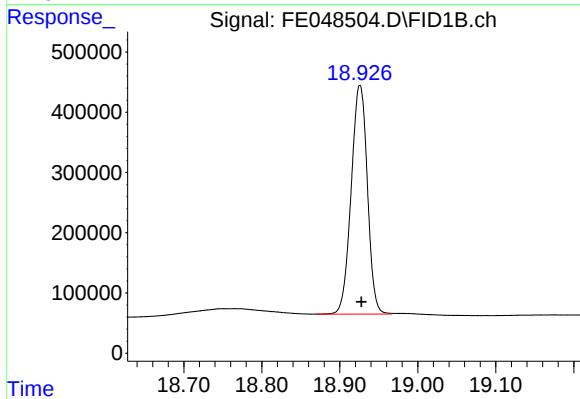
#16 n-Octacosane (C28)

R.T.: 17.208 min
Delta R.T.: -0.002 min
Response: 5191691
Conc: 40.17 ug/ml



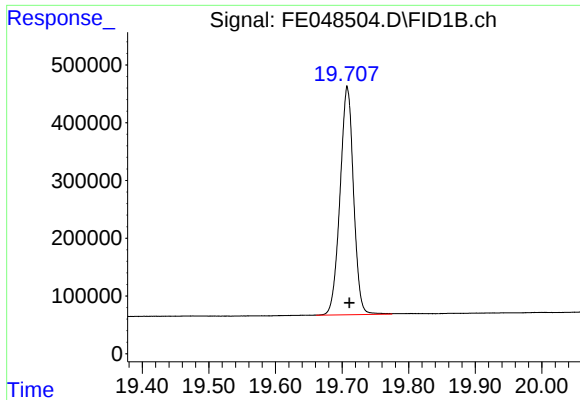
#17 n-Tricontane (C30)

R.T.: 18.095 min
Delta R.T.: -0.001 min
Response: 5327644
Conc: 39.77 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: -0.002 min
Response: 5485611
Conc: 40.41 ug/ml m



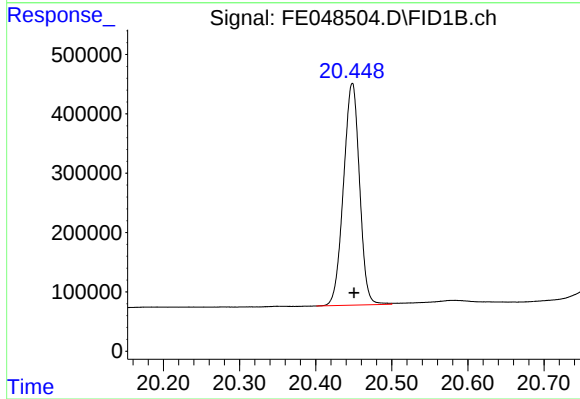
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: -0.004 min
Response: 5571651
Conc: 40.73 ug/ml

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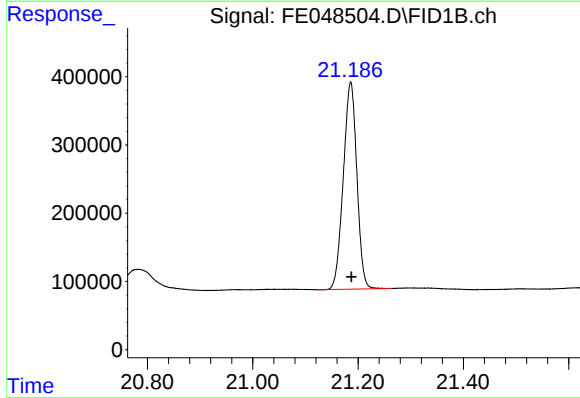
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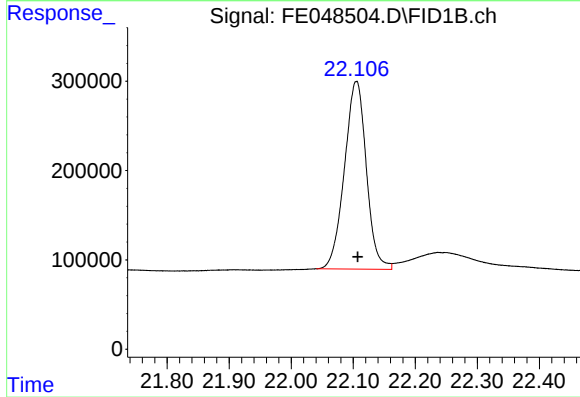
#20 n-Hexatriacontane (C36)

R.T.: 20.448 min
Delta R.T.: -0.002 min
Response: 5478579
Conc: 40.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: -0.002 min
Response: 5419942
Conc: 39.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: -0.002 min
Response: 5155115
Conc: 37.65 ug/ml