

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053025AL\
 Data File : FE054091.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2025 10:30
 Operator : YP\AJ
 Sample : Q2139-02DL 50X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 BELL-25-0010DL

Integration File: autoint1.e
 Quant Time: May 30 22:53:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 2025
 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)	11.845	635946	3.913 ug/ml
Spiked Amount 50.000		Recovery =	7.83%
12) S 1-chlorooctadecane (S...	13.279	1284850	10.838 ug/ml
Spiked Amount 50.000		Recovery =	21.68%
Target Compounds			
1) T n-Nonane (C9)	3.190	71523	0.529 ug/ml
2) T n-Decane (C10)	4.453	212469	1.572 ug/ml
3) T A~Naphthalene (C11.7)	6.190	80314	0.559 ug/ml
4) T n-Dodecane (C12)	6.635	274646	2.013 ug/ml
5) T A~2-methylnaphthalene...	7.277	57577	0.415 ug/ml
6) T n-Tetradecane (C14)	8.471	474634	3.517 ug/ml
7) T n-Hexadecane (C16)	10.084	423567	3.139 ug/ml
8) T n-Octadecane (C18)	11.532	352597	2.618 ug/ml
10) T n-Eicosane (C20)	12.846	650299	4.948 ug/ml
11) T n-Heneicosane (C21)	13.485	967107	7.460 ug/ml
13) T n-Docosane (C22)	14.063	1460447	11.448 ug/ml
14) T n-Tetracosane (C24)	15.159	354710	2.835 ug/ml
15) T n-Hexacosane (C26)	16.177	71498	0.584 ug/ml
16) T n-Octacosane (C28)	17.115	47442	0.390 ug/ml
18) T n-Dotriacontane (C32)	18.848	322607	2.580 ug/ml
19) T n-Tetratriacontane (C34)	19.676	825688	6.931 ug/ml
20) T n-Hexatriacontane (C36)	20.401	319998	2.764 ug/ml
21) T n-Octatriacontane (C38)	21.096	762374	7.005 ug/ml

(f)=RT Delta > 1/2 Window

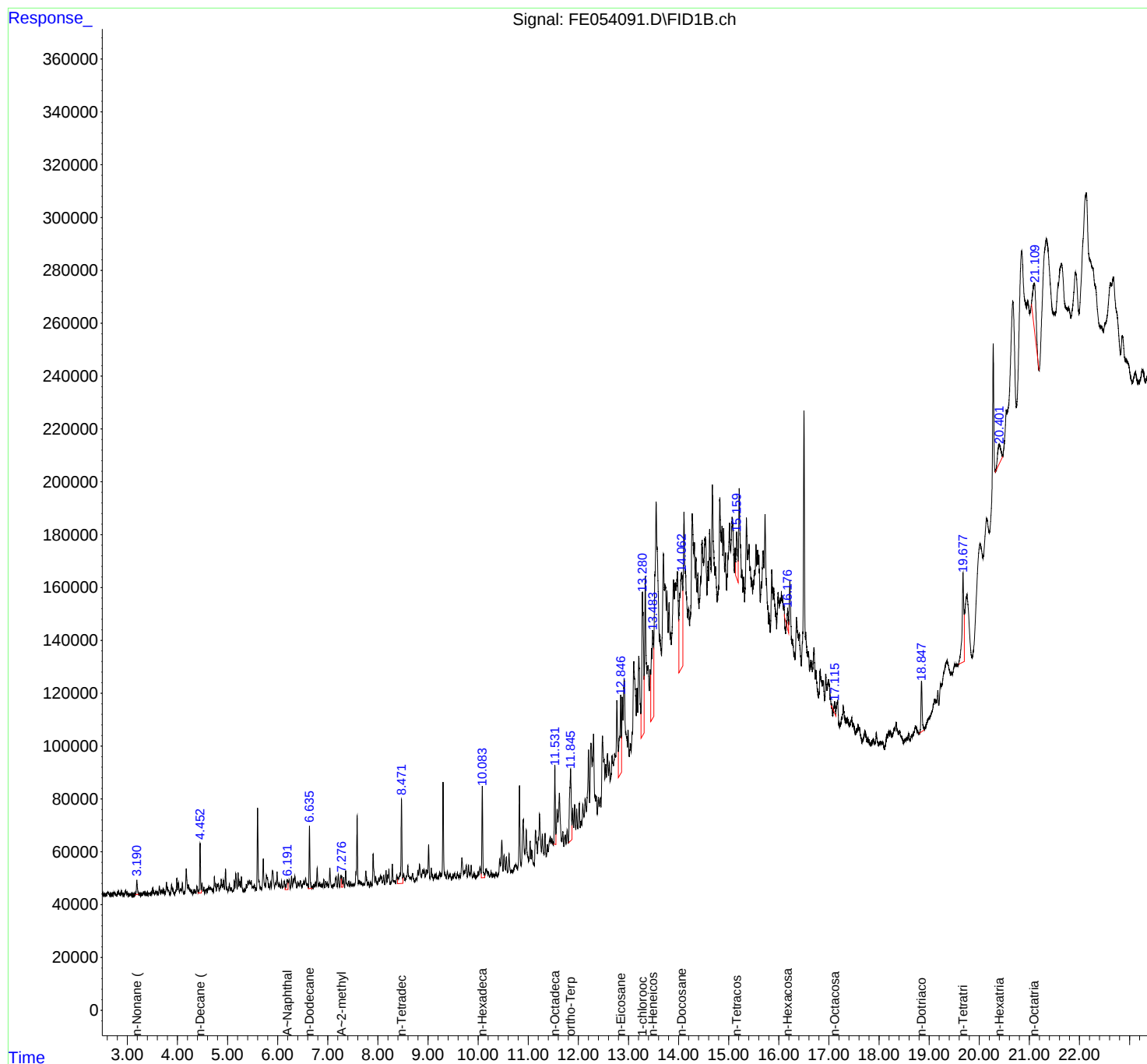
(m)=manual int.

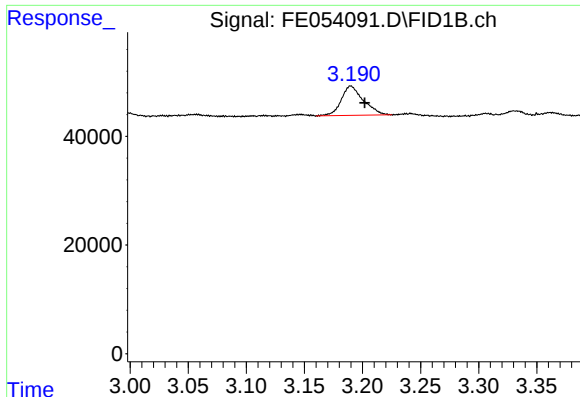
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053025AL\
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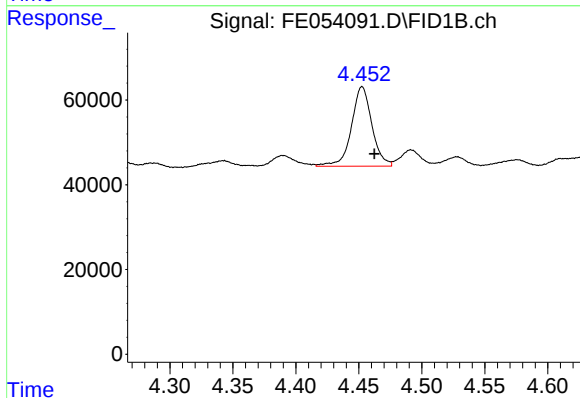




#1 n-Nonane (C9)

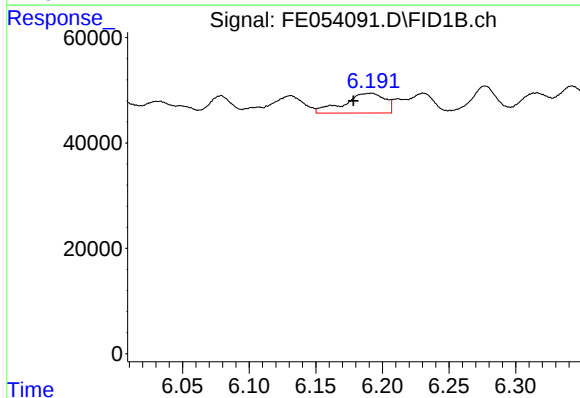
R.T.: 3.190 min
Delta R.T.: -0.012 min
Response: 71523
Conc: 0.53 ug/ml

Instrument :
FID_E
ClientSampleId :
BELL-25-0010DL



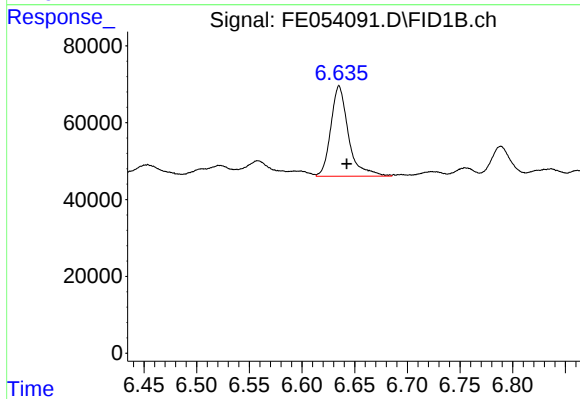
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: -0.010 min
Response: 212469
Conc: 1.57 ug/ml



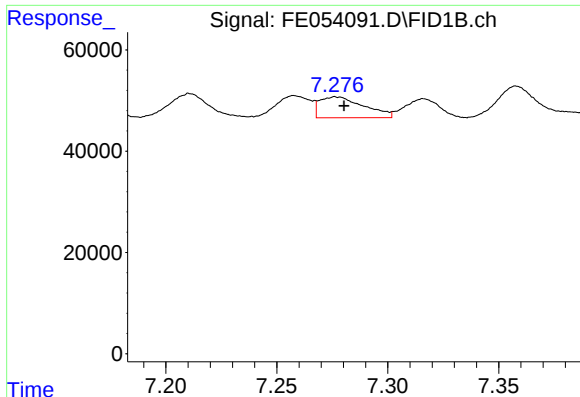
#3 A~Naphthalene (C11.7)

R.T.: 6.190 min
Delta R.T.: 0.012 min
Response: 80314
Conc: 0.56 ug/ml



#4 n-Dodecane (C12)

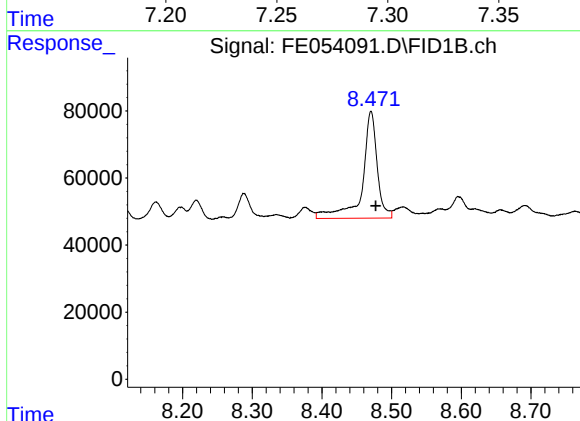
R.T.: 6.635 min
Delta R.T.: -0.007 min
Response: 274646
Conc: 2.01 ug/ml



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

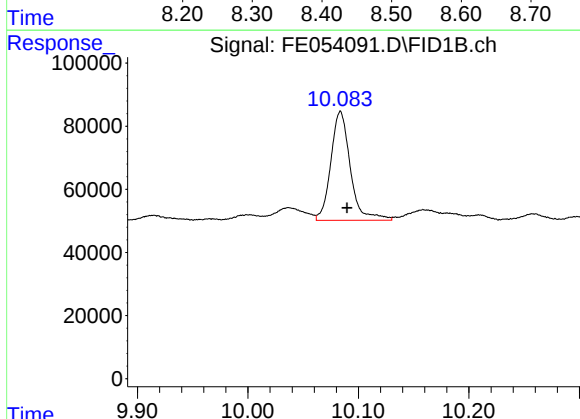
R.T.: 7.277 min
Delta R.T.: -0.004 min
Response: 57577
Conc: 0.42 ug/ml

Instrument :
FID_E
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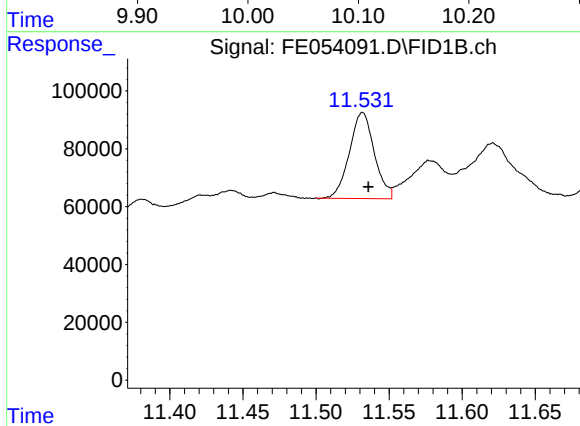
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.007 min
Response: 474634
Conc: 3.52 ug/ml



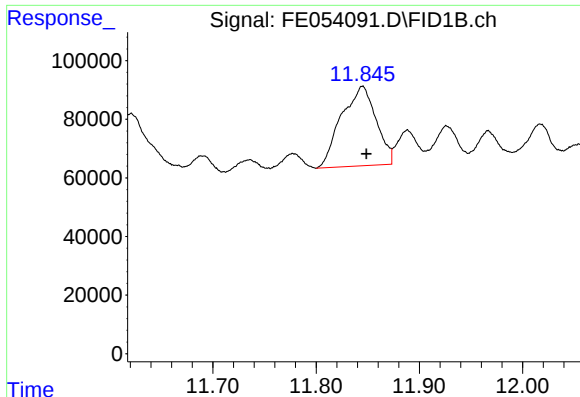
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.006 min
Response: 423567
Conc: 3.14 ug/ml



#8 n-Octadecane (C18)

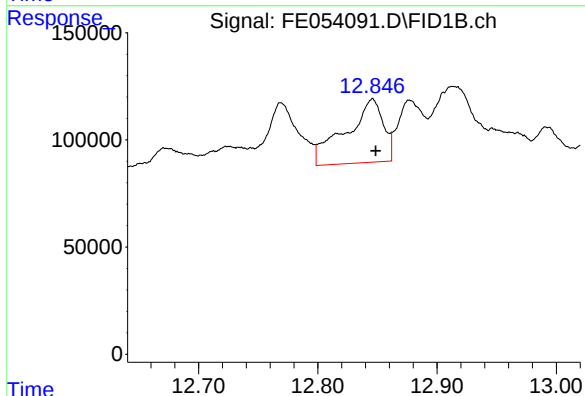
R.T.: 11.532 min
Delta R.T.: -0.004 min
Response: 352597
Conc: 2.62 ug/ml



#9 ortho-Terphenyl (SURR)

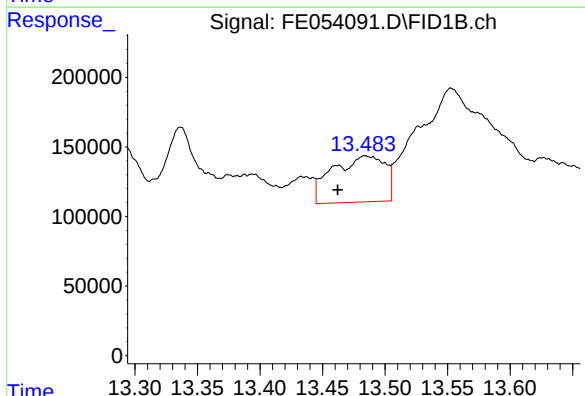
R.T.: 11.845 min
Delta R.T.: -0.004 min
Response: 635946
Conc: 3.91 ug/ml

Instrument :
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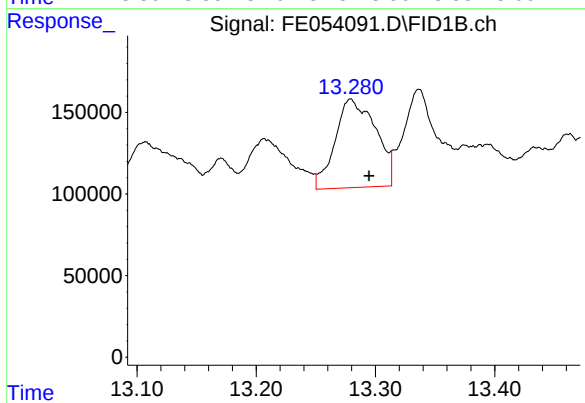
#10 n-Eicosane (C20)

R.T.: 12.846 min
Delta R.T.: -0.003 min
Response: 650299
Conc: 4.95 ug/ml



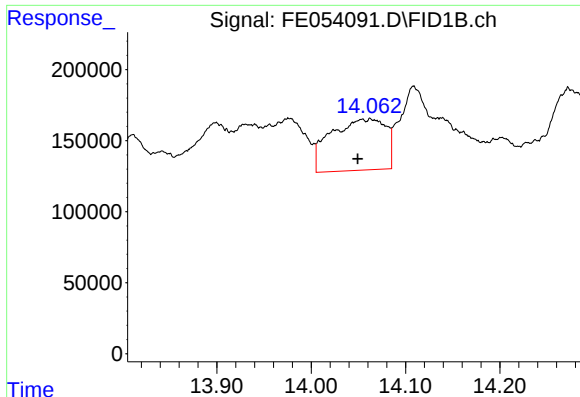
#11 n-Heneicosane (C21)

R.T.: 13.485 min
Delta R.T.: 0.023 min
Response: 967107
Conc: 7.46 ug/ml



#12 1-chlorooctadecane (SURR)

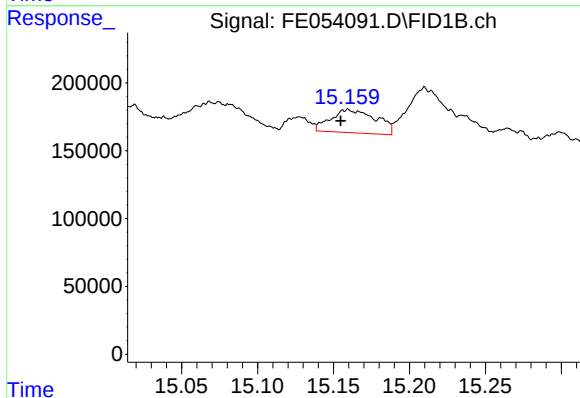
R.T.: 13.279 min
Delta R.T.: -0.015 min
Response: 1284850
Conc: 10.84 ug/ml



#13 n-Docosane (C22)

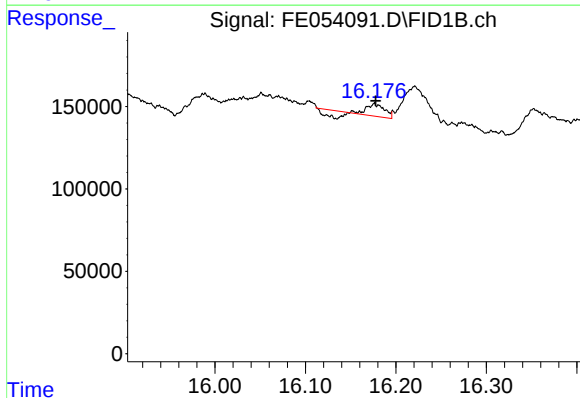
R.T.: 14.063 min
Delta R.T.: 0.014 min
Response: 1460447
Conc: 11.45 ug/ml

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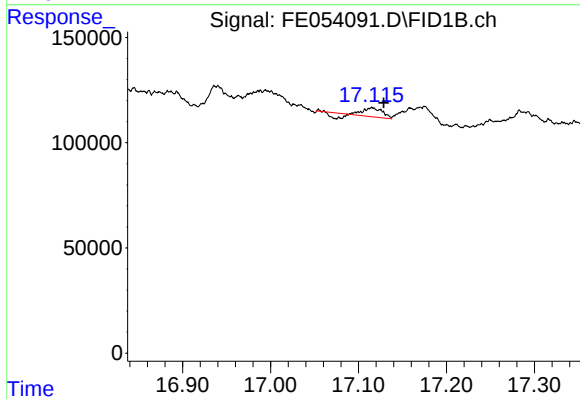
#14 n-Tetracosane (C24)

R.T.: 15.159 min
Delta R.T.: 0.005 min
Response: 354710
Conc: 2.84 ug/ml



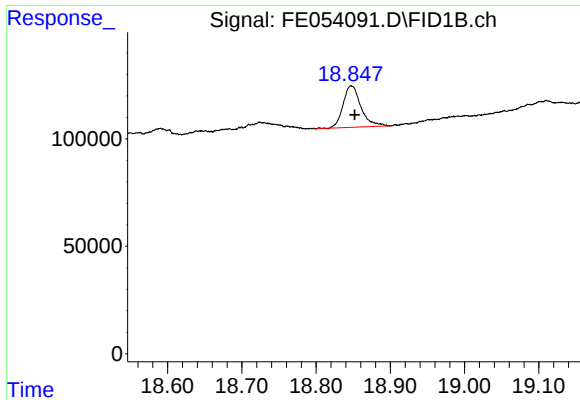
#15 n-Hexacosane (C26)

R.T.: 16.177 min
Delta R.T.: 0.000 min
Response: 71498
Conc: 0.58 ug/ml



#16 n-Octacosane (C28)

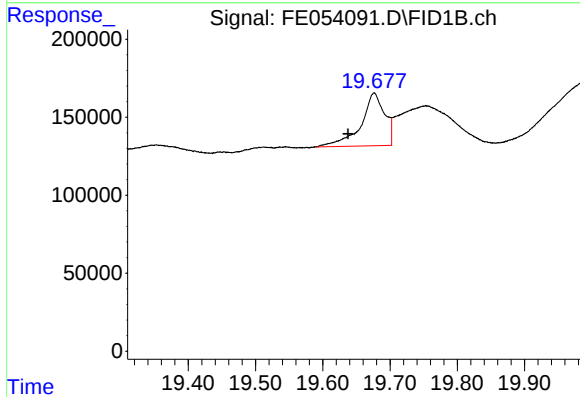
R.T.: 17.115 min
Delta R.T.: -0.013 min
Response: 47442
Conc: 0.39 ug/ml



#18 n-Dotriacontane (C32)

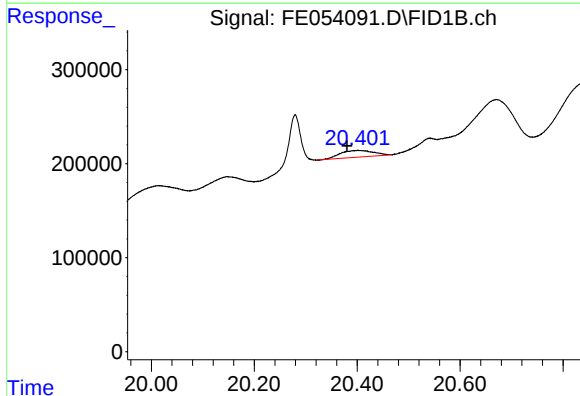
R.T.: 18.848 min
Delta R.T.: -0.004 min
Response: 322607
Conc: 2.58 ug/ml

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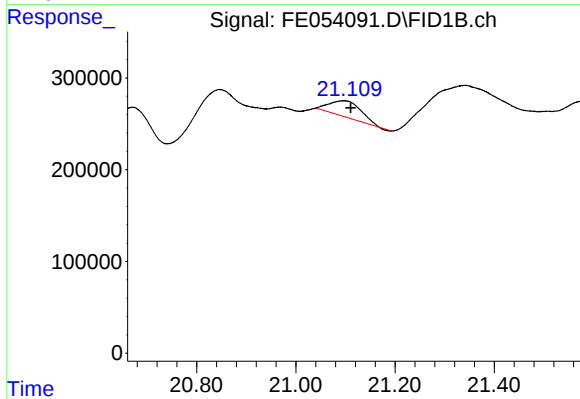
#19 n-Tetratriacontane (C34)

R.T.: 19.676 min
Delta R.T.: 0.039 min
Response: 825688
Conc: 6.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.401 min
Delta R.T.: 0.021 min
Response: 319998
Conc: 2.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.096 min
Delta R.T.: -0.014 min
Response: 762374
Conc: 7.01 ug/ml